

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073070.D
 Acq On : 17 May 2022 21:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 05:11:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	299404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	507174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	493309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	172296	46.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.040%		
35) Dibromofluoromethane	7.908	113	170269	47.816	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.640%		
50) Toluene-d8	10.332	98	645526	49.970	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.940%		
62) 4-Bromofluorobenzene	12.620	95	226439	48.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	149553	39.946	ug/l	100
3) Chloromethane	2.209	50	170215	44.101	ug/l	97
4) Vinyl Chloride	2.344	62	158761	44.725	ug/l	95
5) Bromomethane	2.762	94	109559	43.455	ug/l	98
6) Chloroethane	2.915	64	102451	46.348	ug/l	96
7) Trichlorofluoromethane	3.267	101	289330	44.541	ug/l	95
8) Diethyl Ether	3.709	74	84592	47.591	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	173062	44.989	ug/l	96
10) Methyl Iodide	4.297	142	200415	45.216	ug/l	98
11) Tert butyl alcohol	5.214	59	91535m	158.051	ug/l	
12) 1,1-Dichloroethene	4.056	96	163200	46.917	ug/l	85
13) Acrolein	3.920	56	72763	208.136	ug/l	98
14) Allyl chloride	4.709	41	271003	49.174	ug/l	90
15) Acrylonitrile	5.409	53	201730	236.799	ug/l	98
16) Acetone	4.156	43	142183	209.839	ug/l	95
17) Carbon Disulfide	4.409	76	545771	46.845	ug/l	97
18) Methyl Acetate	4.714	43	92205	45.208	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	403047	49.545	ug/l	99
20) Methylene Chloride	4.962	84	220112	44.758	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	204325	49.380	ug/l	87
22) Diisopropyl ether	6.361	45	601707	50.866	ug/l	92
23) Vinyl Acetate	6.303	43	1624353	254.185	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	357104	48.524	ug/l	99
25) 2-Butanone	7.208	43	240006	233.917	ug/l	97
26) 2,2-Dichloropropane	7.203	77	282700	45.373	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	226019	49.533	ug/l	92
28) Bromochloromethane	7.544	49	125061	49.609	ug/l #	83
29) Tetrahydrofuran	7.561	42	161274	244.273	ug/l	93
30) Chloroform	7.703	83	382252	48.544	ug/l	96
31) Cyclohexane	7.979	56	304804	45.194	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	321605	47.673	ug/l	97
36) 1,1-Dichloropropene	8.108	75	279263	48.131	ug/l	97
37) Ethyl Acetate	7.291	43	118405	48.591	ug/l	97
38) Carbon Tetrachloride	8.091	117	283941	47.832	ug/l	98
39) Methylcyclohexane	9.350	83	315593	46.646	ug/l	98
40) Benzene	8.344	78	825019	49.728	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	67992	49.483	ug/l	94
42) 1,2-Dichloroethane	8.420	62	231489	47.937	ug/l	97
43) Isopropyl Acetate	8.444	43	219196	48.383	ug/l #	93
44) Trichloroethene	9.108	130	213607	47.601	ug/l	96
45) 1,2-Dichloropropane	9.379	63	207071	48.062	ug/l	98
46) Dibromomethane	9.467	93	110617	46.432	ug/l	97
47) Bromodichloromethane	9.655	83	292315	48.311	ug/l	97
48) Methyl methacrylate	9.450	41	111550	49.640	ug/l	89
49) 1,4-Dioxane	9.455	88	24934	1005.285	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	578978	244.889	ug/l	93
52) Toluene	10.397	92	529906	50.309	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	264247	47.884	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	314015	48.262	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	152127	46.783	ug/l	96
56) Ethyl methacrylate	10.649	69	188510	51.260	ug/l	86
57) 1,3-Dichloropropane	10.938	76	264185	47.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	411111	213.582	ug/l	96
59) 2-Hexanone	10.973	43	384345	246.090	ug/l	92
60) Dibromochloromethane	11.126	129	196949	48.751	ug/l	98
61) 1,2-Dibromoethane	11.232	107	149067	47.640	ug/l	99
64) Tetrachloroethene	10.867	164	173347	47.963	ug/l	95
65) Chlorobenzene	11.661	112	555120	49.629	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	205459	48.085	ug/l	99
67) Ethyl Benzene	11.732	91	1000870	51.391	ug/l	99
68) m/p-Xylenes	11.844	106	785803	104.105	ug/l	99
69) o-Xylene	12.173	106	361886	51.989	ug/l	97
70) Styrene	12.185	104	631835	51.969	ug/l	98
71) Bromoform	12.349	173	109258	48.567	ug/l #	99
73) Isopropylbenzene	12.467	105	946412	53.258	ug/l	100
74) N-amyl acetate	12.273	43	215109	51.798	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	169877	48.490	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	123445m	46.580	ug/l	
77) Bromobenzene	12.749	156	215982	50.939	ug/l	95
78) n-propylbenzene	12.808	91	1208038	54.134	ug/l	100
79) 2-Chlorotoluene	12.896	91	692273	53.251	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	819357	54.123	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	53279	48.205	ug/l	91
82) 4-Chlorotoluene	12.991	91	725234	52.711	ug/l	99
83) tert-Butylbenzene	13.208	119	666137	51.948	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	819482	54.409	ug/l	98
85) sec-Butylbenzene	13.385	105	1043937	53.633	ug/l	99
86) p-Isopropyltoluene	13.502	119	853280	53.895	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	445136	51.079	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	439013	50.979	ug/l	99
89) n-Butylbenzene	13.826	91	821260	53.339	ug/l	100
90) Hexachloroethane	14.096	117	171985	52.279	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	388143	51.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	26096	47.922	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	227225	52.689	ug/l	99
94) Hexachlorobutadiene	15.249	225	119733	49.740	ug/l	97
95) Naphthalene	15.379	128	425053	46.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	197854	51.675	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

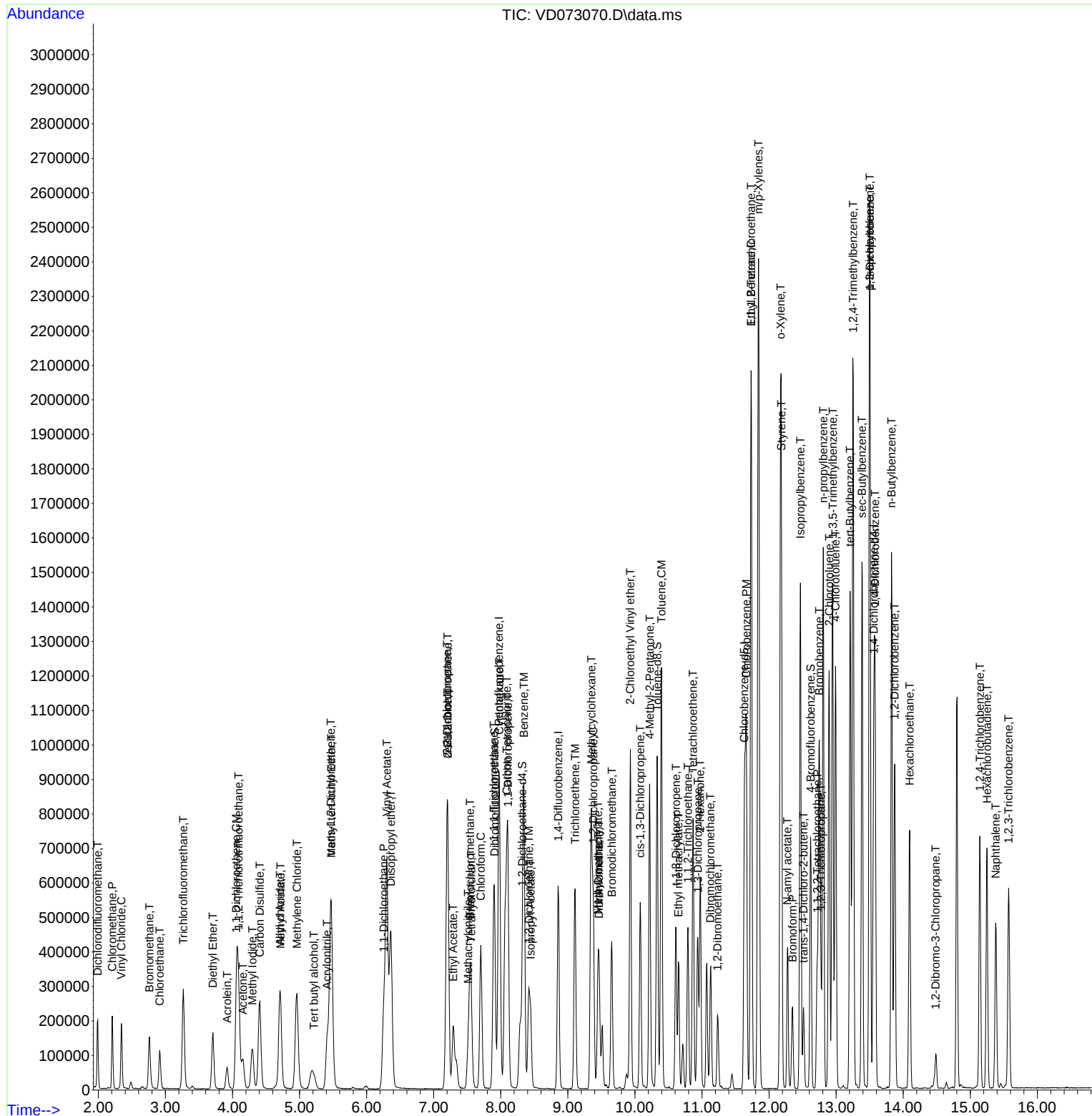
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
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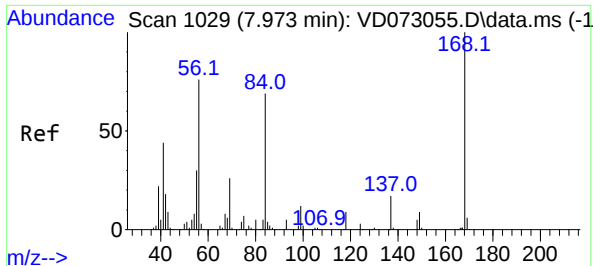
Instrument :
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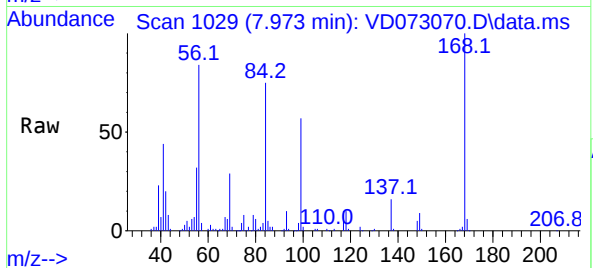
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

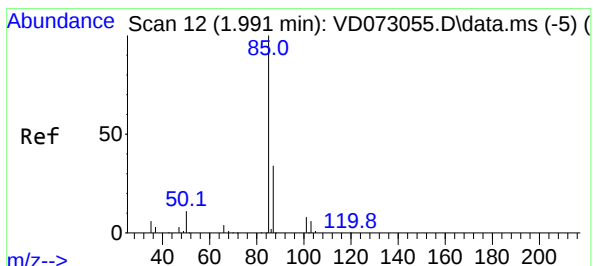
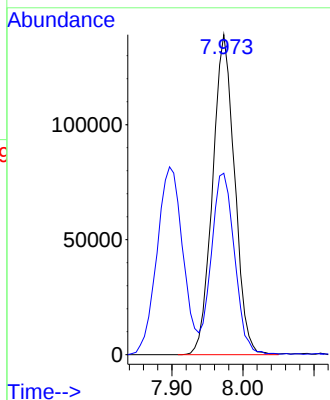
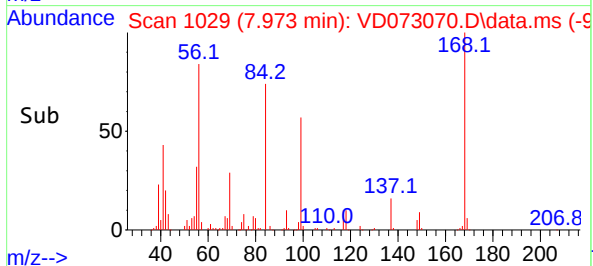
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 299404
Ion Ratio Lower Upper
168 100
99 56.4 49.8 74.6

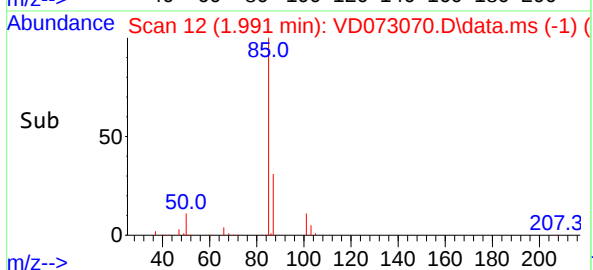
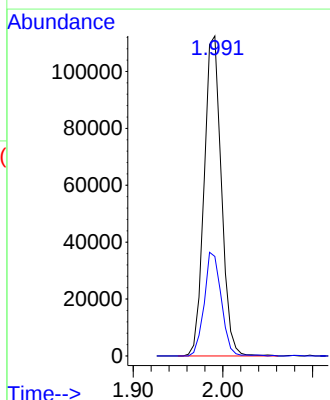
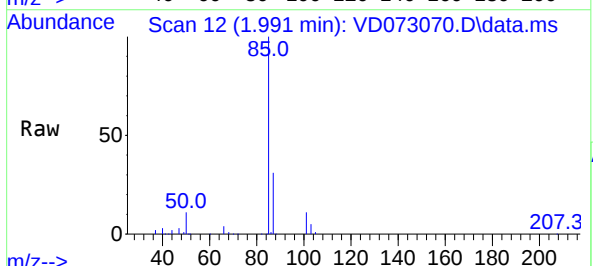
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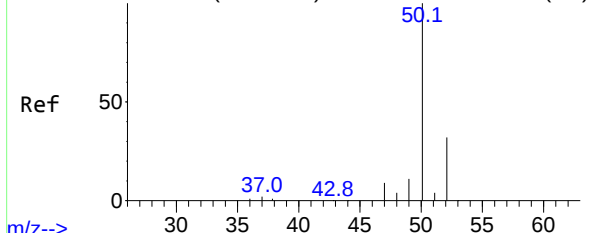


#2
Dichlorodifluoromethane
Concen: 39.946 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Tgt Ion: 85 Resp: 149553
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.0



Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



#3

Chloromethane

Concen: 44.101 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD073070.D

Acq: 17 May 2022 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 170215

Ion Ratio Lower Upper

50 100

52 32.7 27.4 41.0

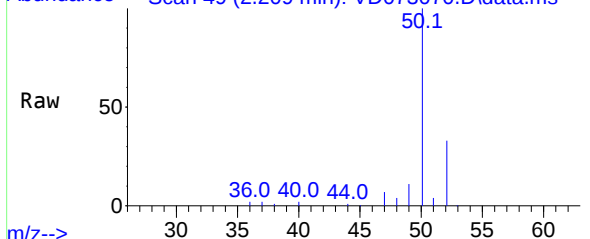
Manual Integrations

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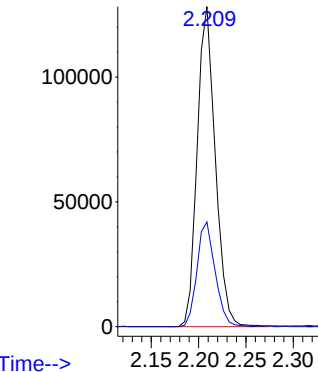
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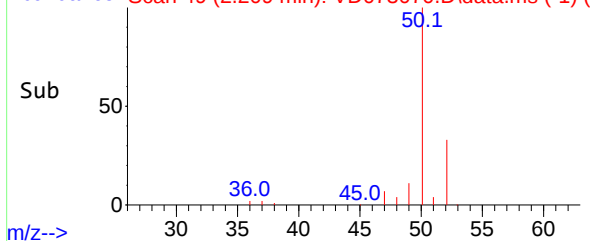
Abundance Scan 49 (2.209 min): VD073070.D\data.ms



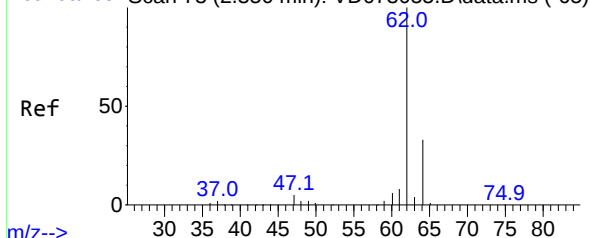
Abundance



Abundance Scan 49 (2.209 min): VD073070.D\data.ms (-1)



Abundance Scan 73 (2.350 min): VD073055.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 44.725 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073070.D

Acq: 17 May 2022 21:59

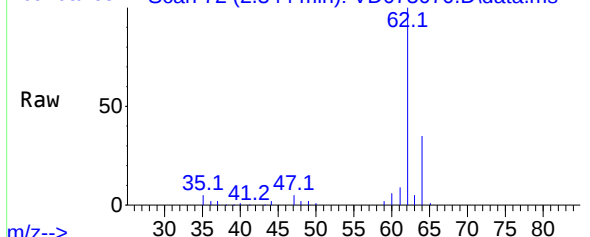
Tgt Ion: 62 Resp: 158761

Ion Ratio Lower Upper

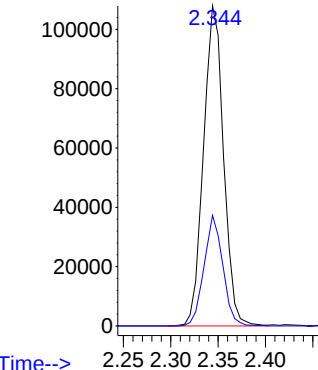
62 100

64 34.6 25.4 38.0

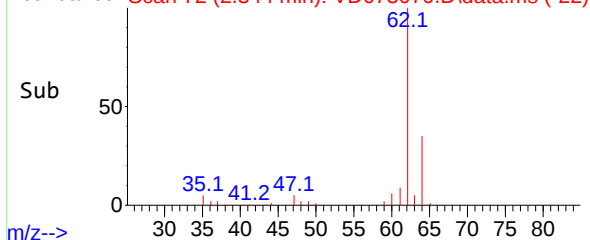
Abundance Scan 72 (2.344 min): VD073070.D\data.ms

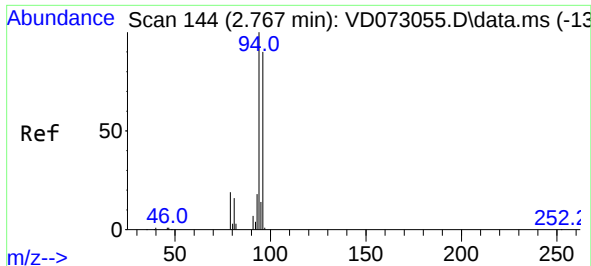


Abundance



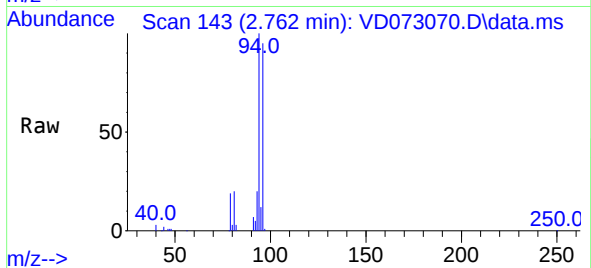
Abundance Scan 72 (2.344 min): VD073070.D\data.ms (-22)





#5
Bromomethane
Concen: 43.455 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

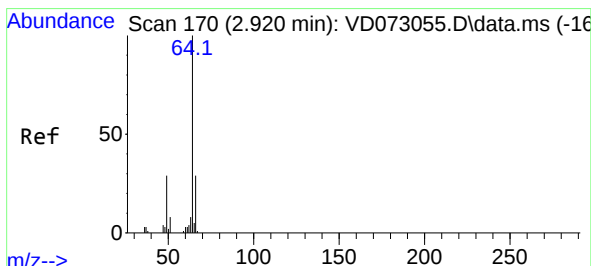
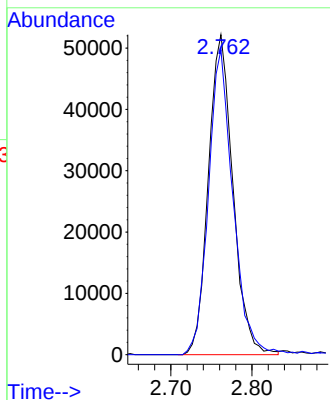
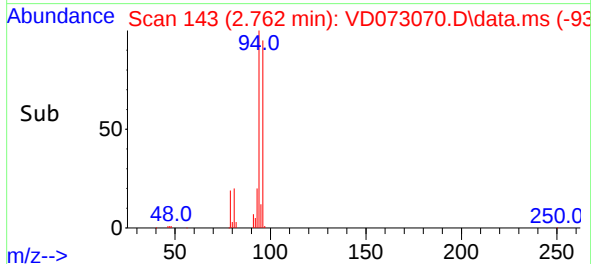
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Tgt Ion: 94 Resp: 109559
Ion Ratio Lower Upper
94 100
96 95.3 77.6 116.4

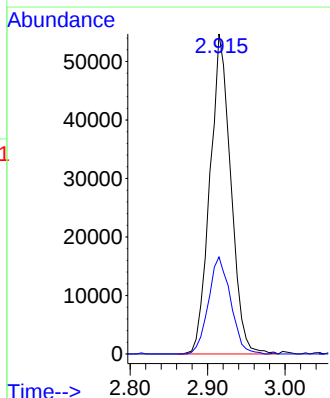
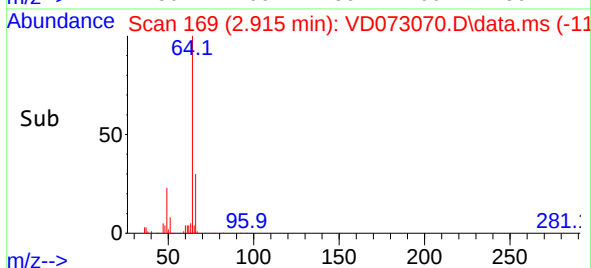
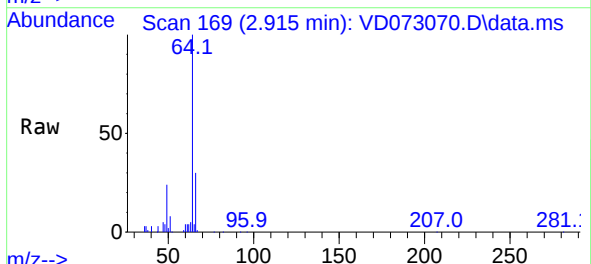
Manual Integrations
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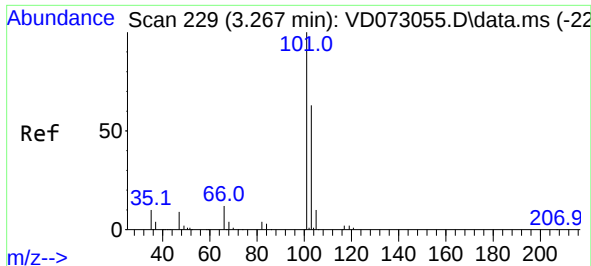
Reviewed By :John Carlone 05/18/2022
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#6
Chloroethane
Concen: 46.348 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

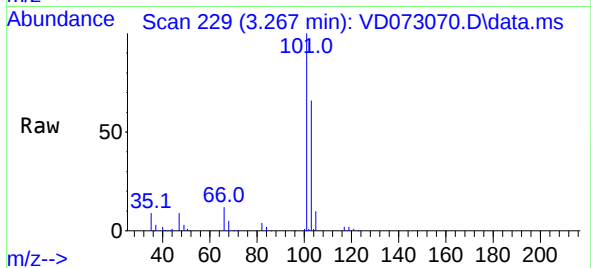
Tgt Ion: 64 Resp: 102451
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 44.541 ug/l
 RT: 3.267 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD073070.D
 Acq: 17 May 2022 21:59

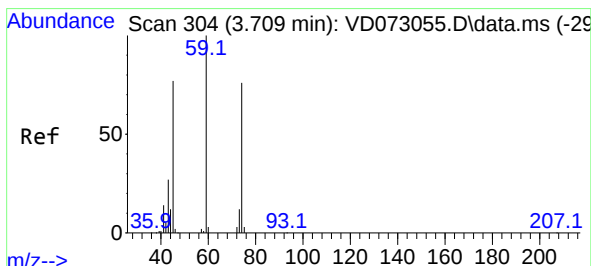
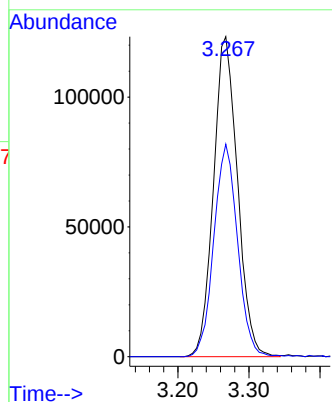
Instrument :
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 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 289330
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.1 75.1

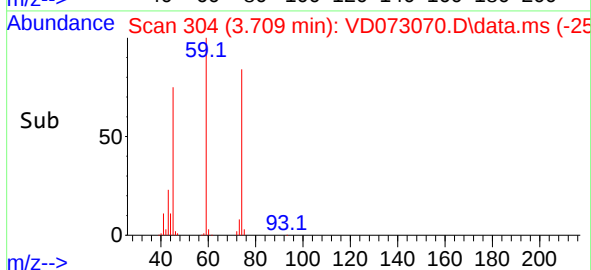
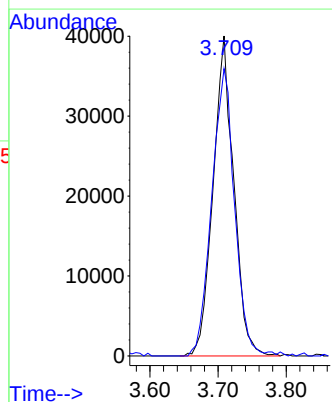
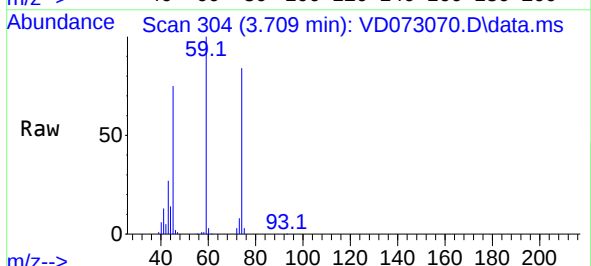
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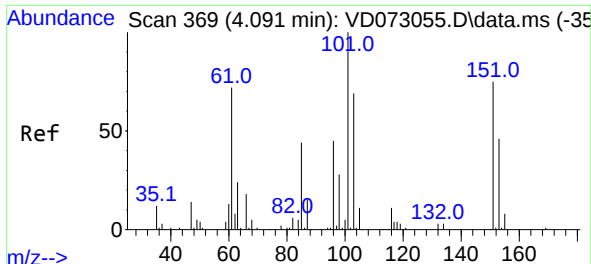
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#8
 Diethyl Ether
 Concen: 47.591 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073070.D
 Acq: 17 May 2022 21:59

Tgt Ion: 74 Resp: 84592
 Ion Ratio Lower Upper
 74 100
 45 99.6 52.6 157.8





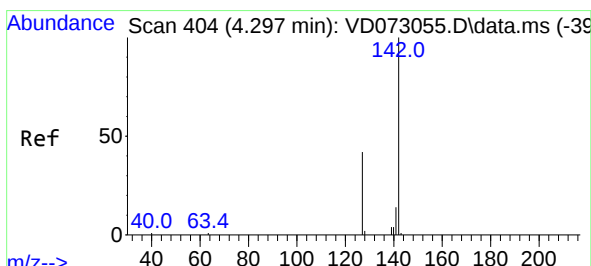
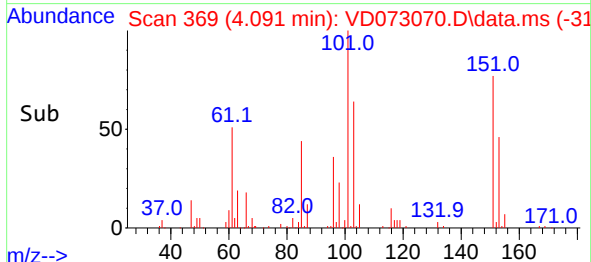
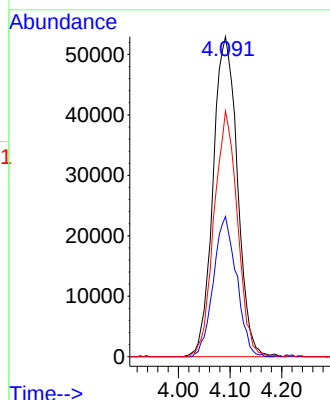
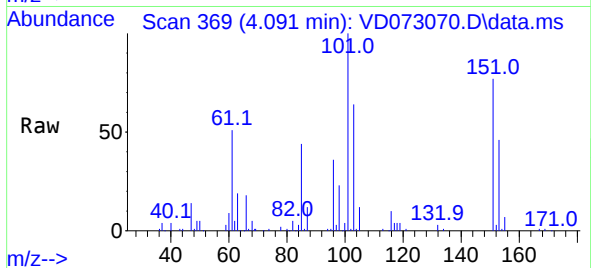
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.989 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 173062
Ion Ratio Lower Upper
101 100
85 41.6 36.4 54.6
151 73.8 57.3 85.9

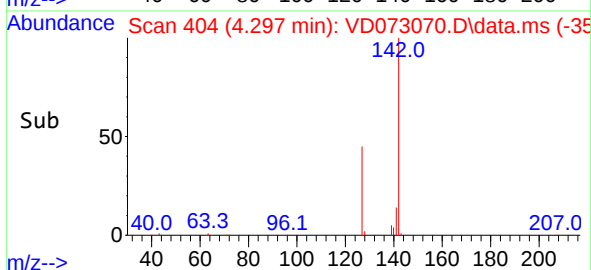
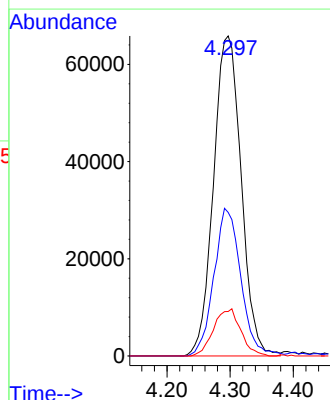
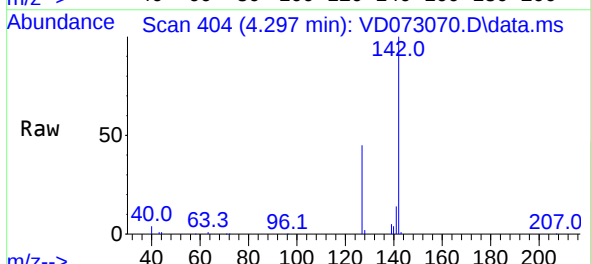
Manual Integrations
APPROVED

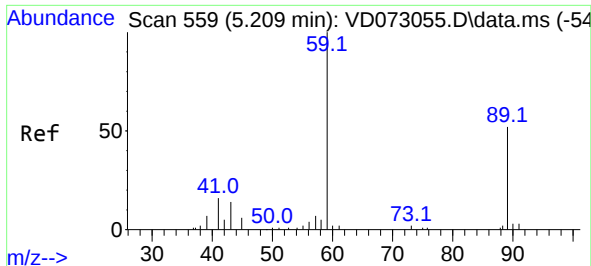
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 45.216 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

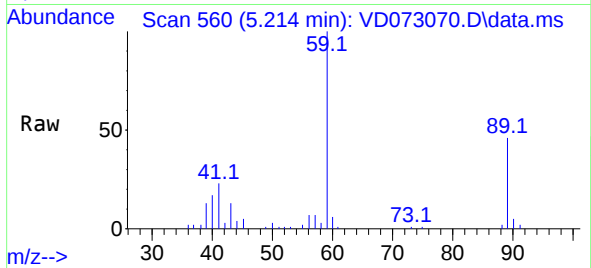
Tgt Ion:142 Resp: 200415
Ion Ratio Lower Upper
142 100
127 44.9 37.3 55.9
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 158.051 ug/l m
RT: 5.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

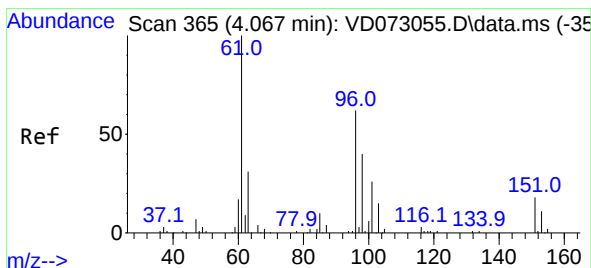
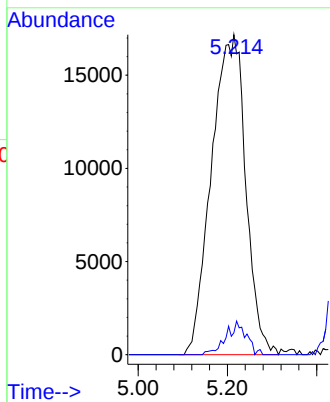
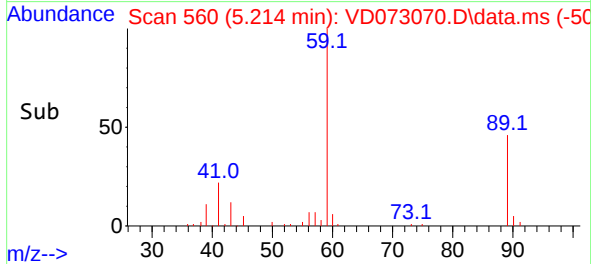
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



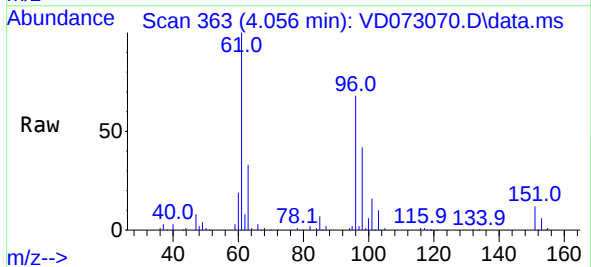
Tgt Ion: 59 Resp: 9153
Ion Ratio Lower Upper
59 100
57 2.4 7.8 11.6

Manual Integrations
APPROVED

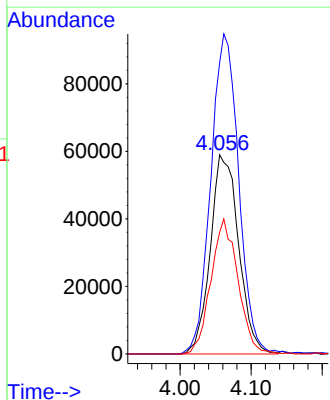
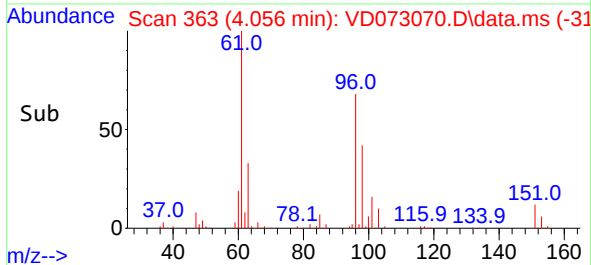
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

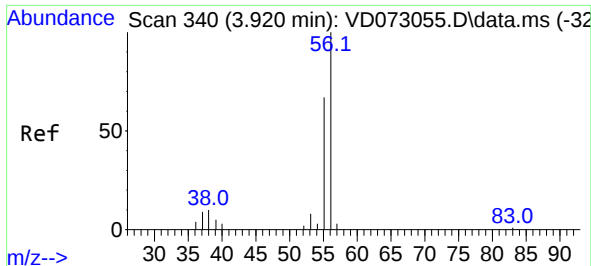


#12
1,1-Dichloroethene
Concen: 46.917 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



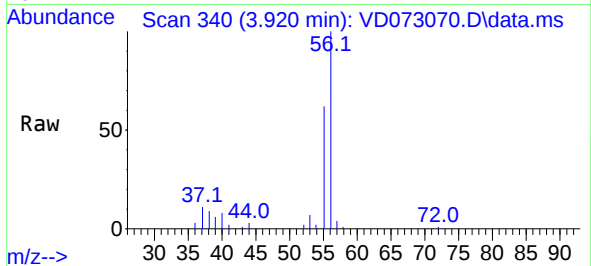
Tgt Ion: 96 Resp: 163200
Ion Ratio Lower Upper
96 100
61 146.1 138.5 207.7
98 61.0 48.6 73.0





#13
Acrolein
Concen: 208.136 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

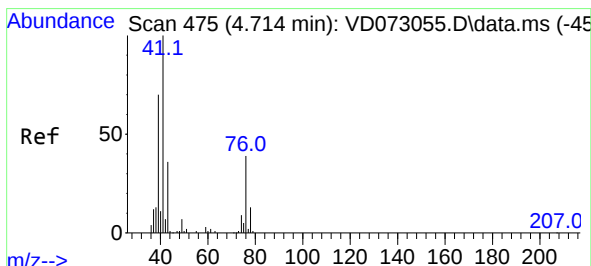
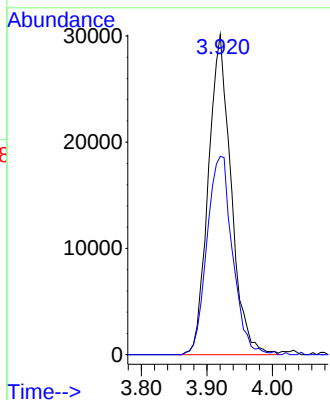
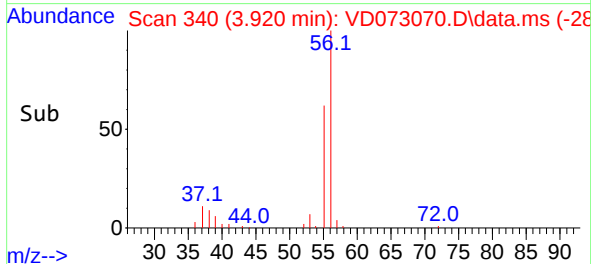
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7276
Ion Ratio Lower Upper
56 100
55 69.6 57.1 85.7

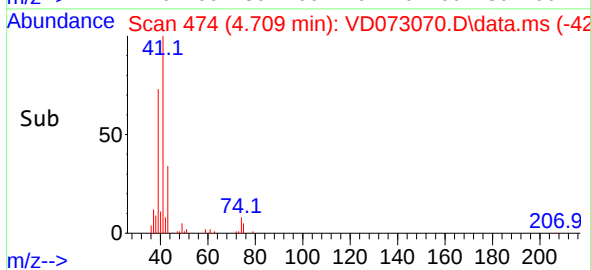
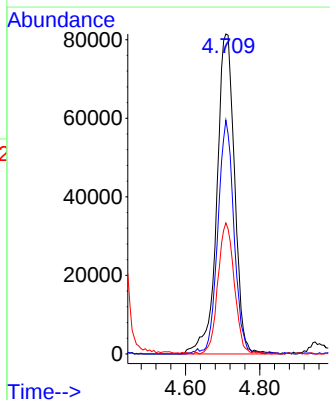
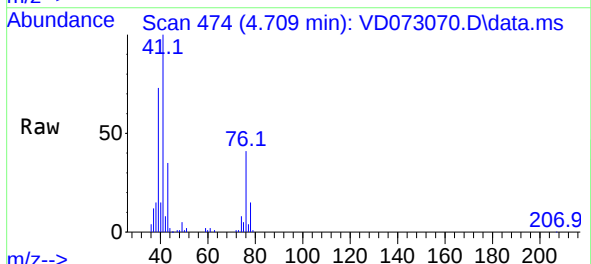
Manual Integrations
APPROVED

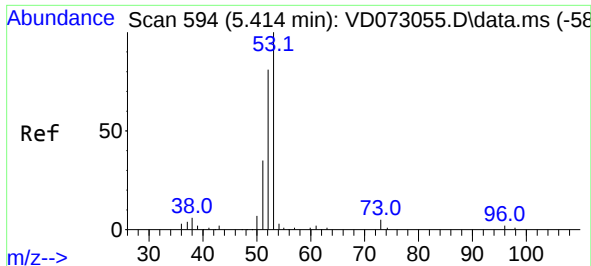
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#14
Allyl chloride
Concen: 49.174 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Tgt Ion: 41 Resp: 271003
Ion Ratio Lower Upper
41 100
39 65.2 59.3 88.9
76 37.5 25.7 38.5





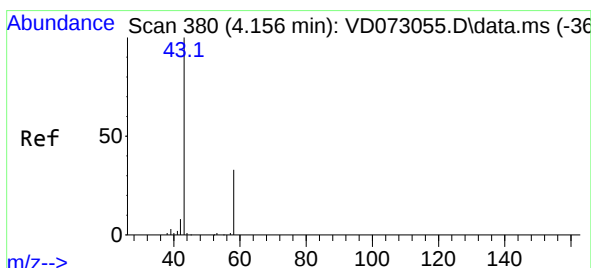
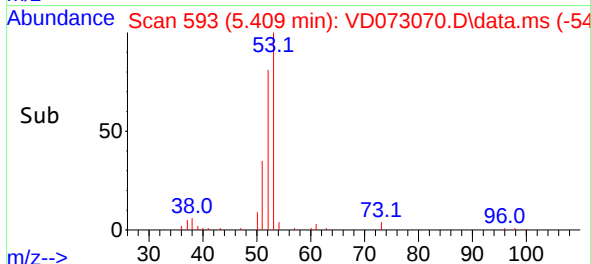
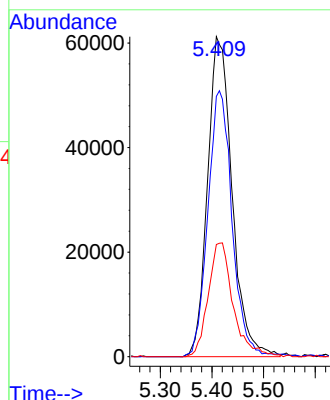
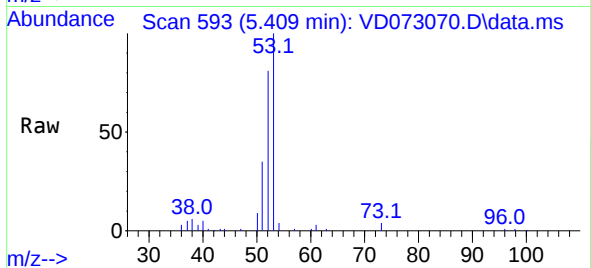
#15
Acrylonitrile
Concen: 236.799 ug/l
RT: 5.409 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 201730
Ion Ratio Lower Upper
53 100
52 82.2 67.2 100.8
51 36.1 30.3 45.5

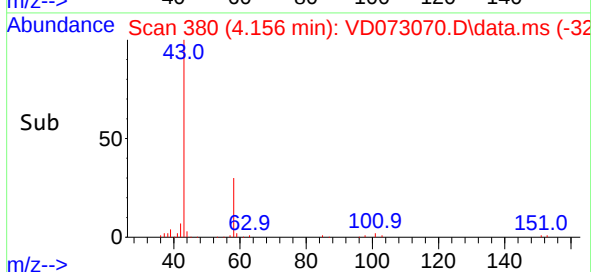
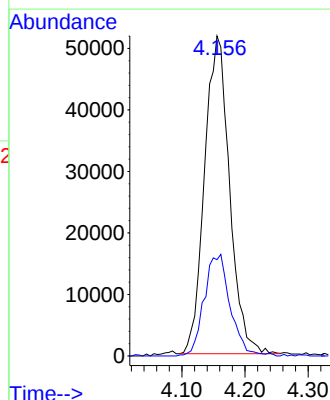
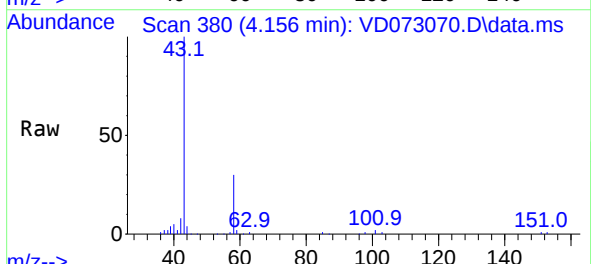
Manual Integrations
APPROVED

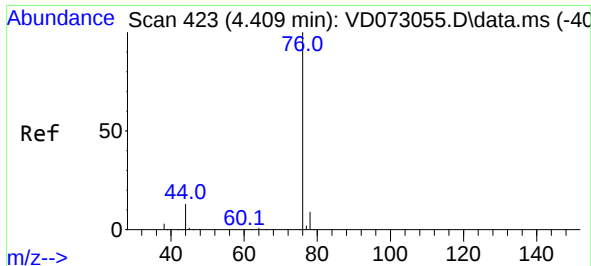
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 209.839 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

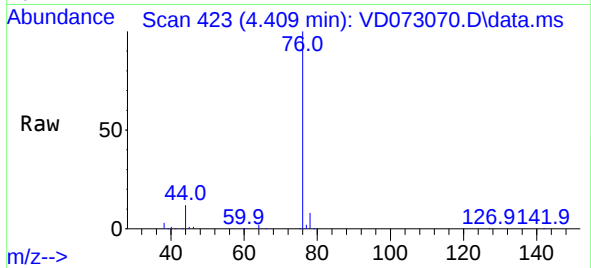
Tgt Ion: 43 Resp: 142183
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1





#17
Carbon Disulfide
Concen: 46.845 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

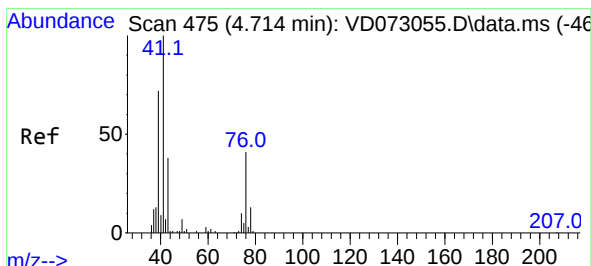
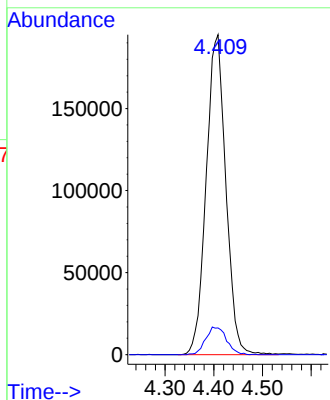
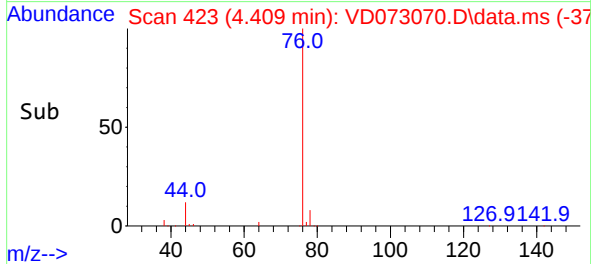
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 54577
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

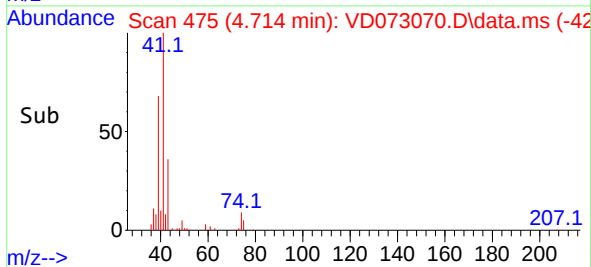
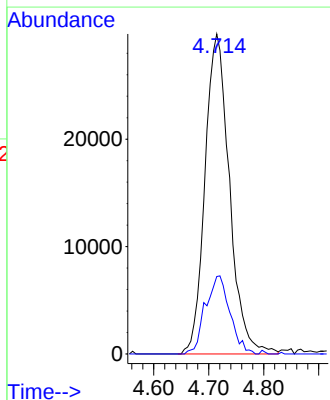
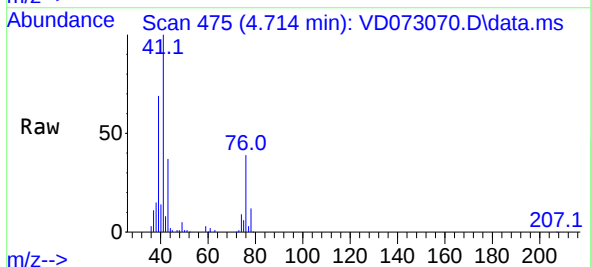
Manual Integrations
APPROVED

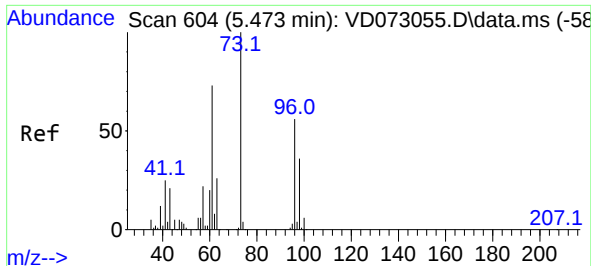
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#18
Methyl Acetate
Concen: 45.208 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

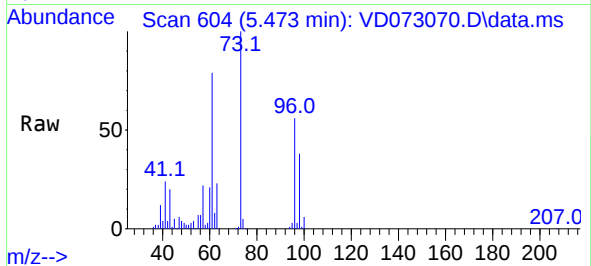
Tgt Ion: 43 Resp: 92205
Ion Ratio Lower Upper
43 100
74 24.4 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 49.545 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

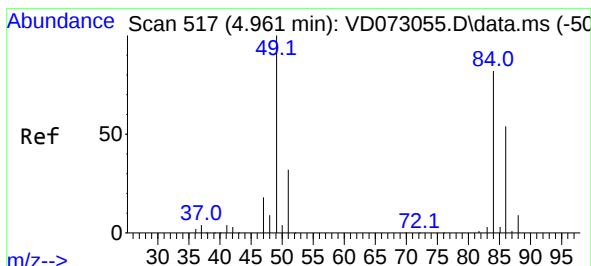
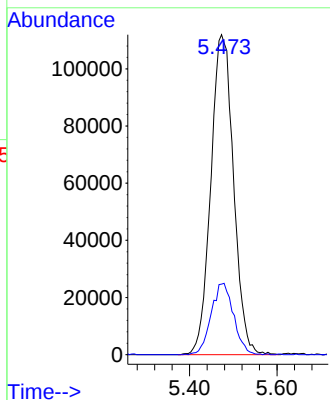
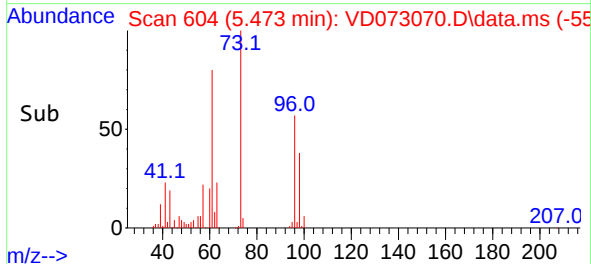
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



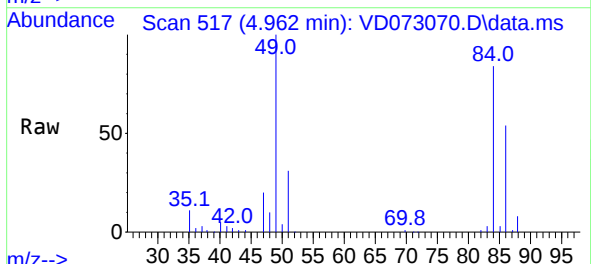
Tgt Ion: 73 Resp: 40304
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0

Manual Integrations
APPROVED

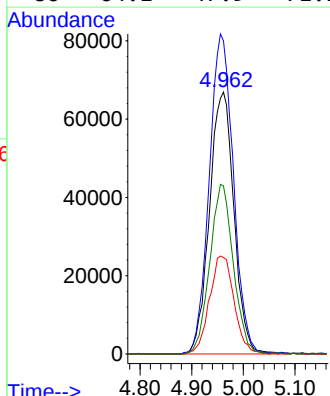
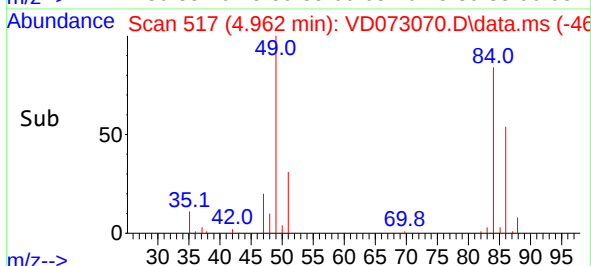
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

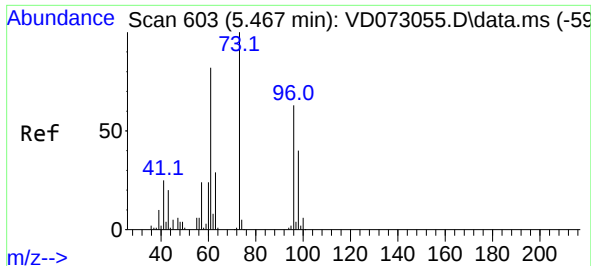


#20
Methylene Chloride
Concen: 44.758 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



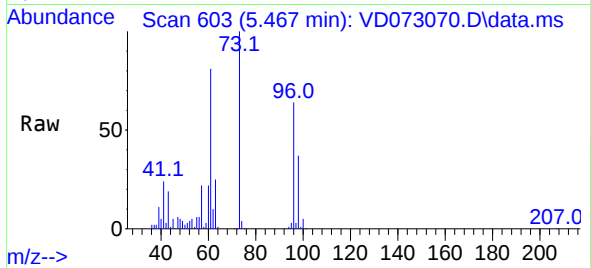
Tgt Ion: 84 Resp: 220112
Ion Ratio Lower Upper
84 100
49 119.5 112.8 169.2
51 36.9 32.6 48.8
86 64.1 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 49.380 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

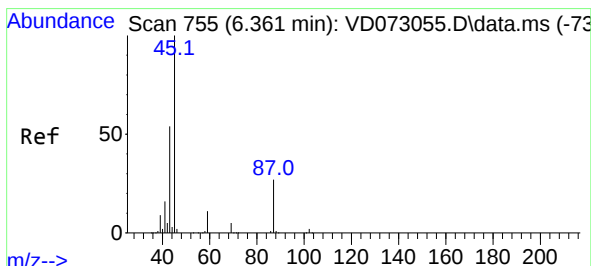
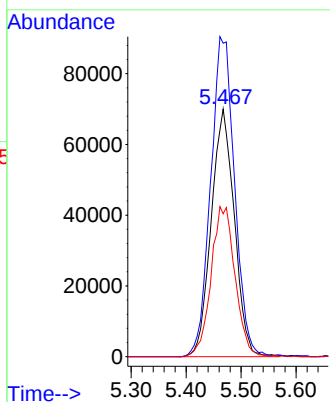
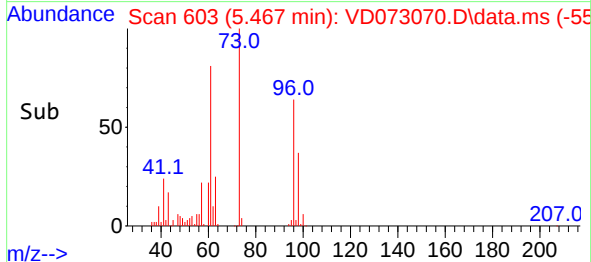
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



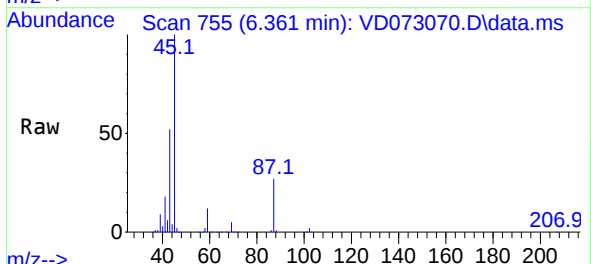
Tgt Ion: 96 Resp: 204325
Ion Ratio Lower Upper
96 100
61 126.6 117.9 176.9
98 57.7 49.4 74.2

Manual Integrations
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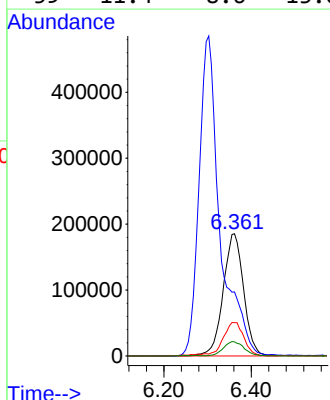
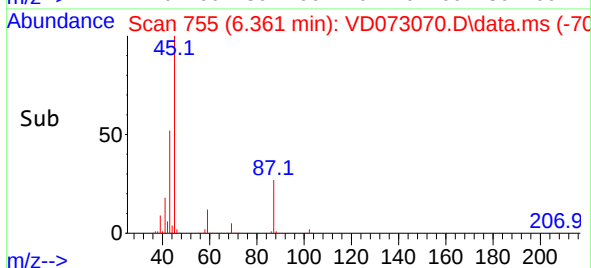
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

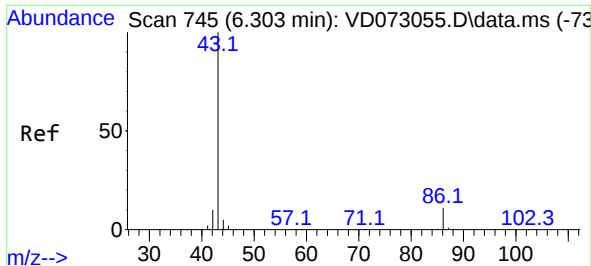


#22
Diisopropyl ether
Concen: 50.866 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



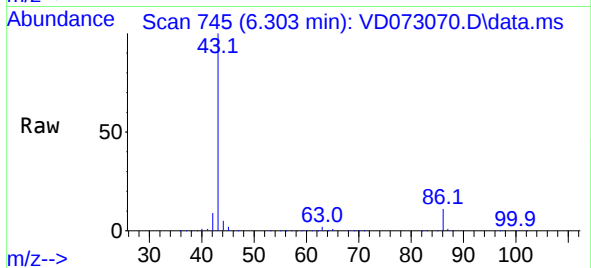
Tgt Ion: 45 Resp: 601707
Ion Ratio Lower Upper
45 100
43 52.1 46.6 70.0
87 27.1 18.4 27.6
59 11.4 8.6 13.0





#23
 Vinyl Acetate
 Concen: 254.185 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073070.D
 Acq: 17 May 2022 21:59

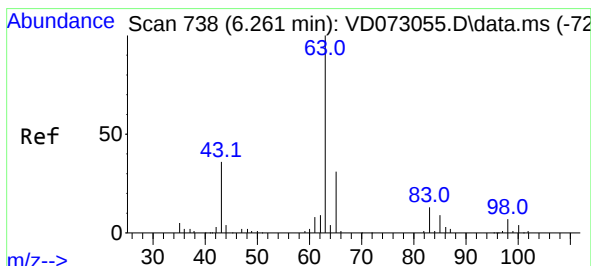
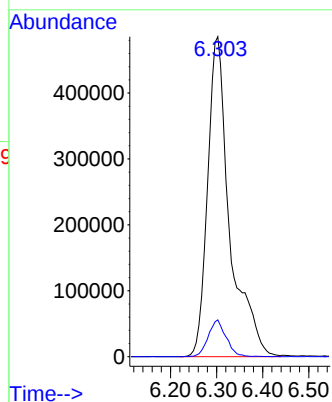
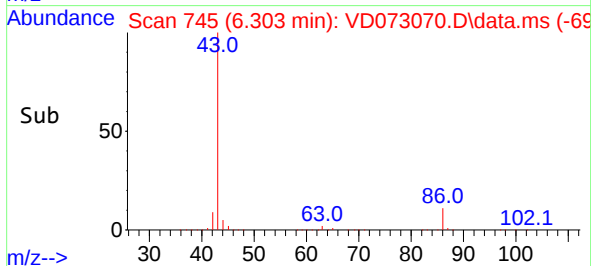
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



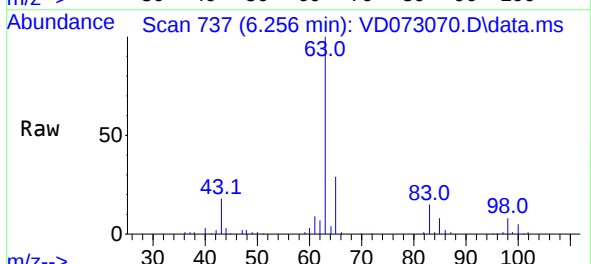
Tgt Ion: 43 Resp: 162435
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7

Manual Integrations
 APPROVED

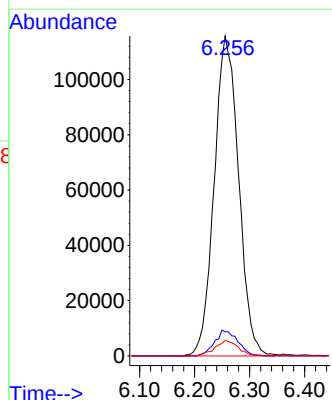
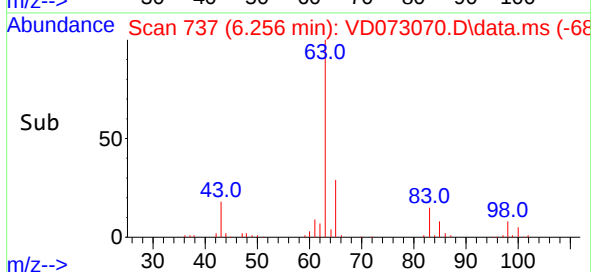
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

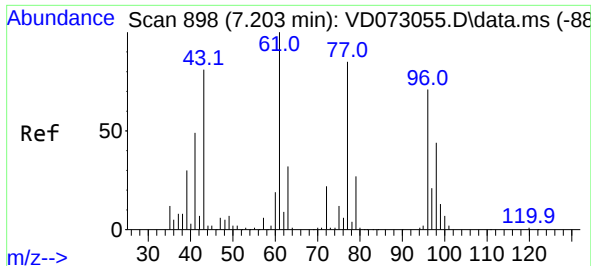


#24
 1,1-Dichloroethane
 Concen: 48.524 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073070.D
 Acq: 17 May 2022 21:59



Tgt Ion: 63 Resp: 357104
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.9 2.1 6.5





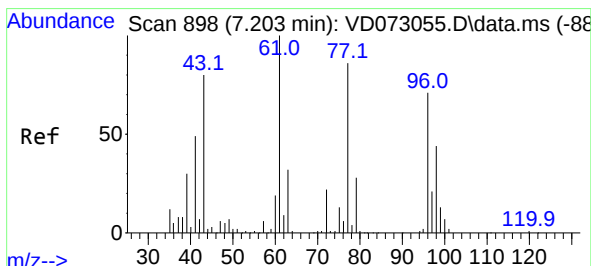
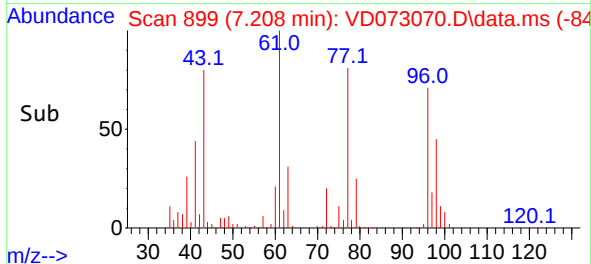
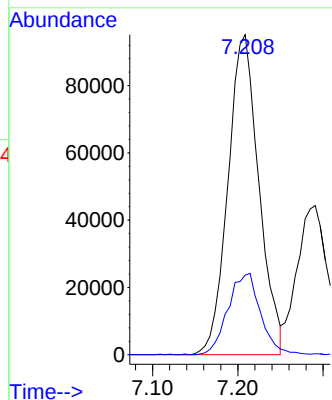
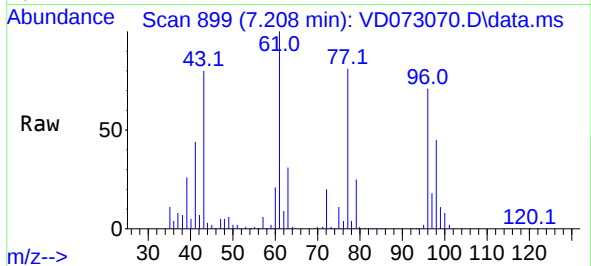
#25
2-Butanone
Concen: 233.917 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
Client Sample Id :
VSTDCCC050

Tgt Ion: 43 Resp: 240000
Ion Ratio Lower Upper
43 100
72 24.8 18.6 27.8

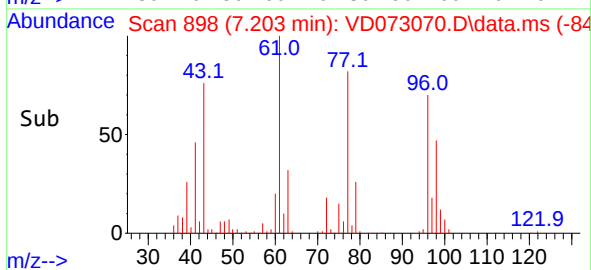
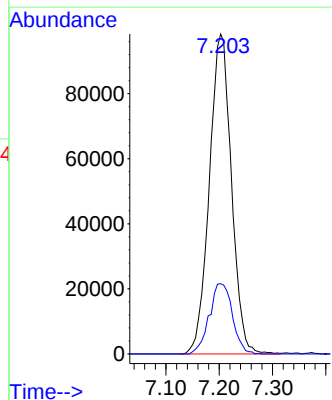
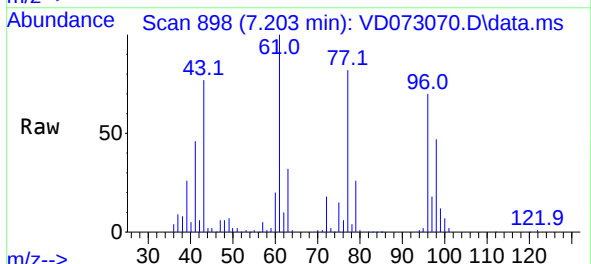
Manual Integrations
APPROVED

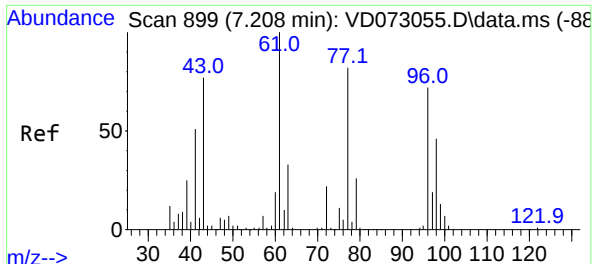
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 45.373 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Tgt Ion: 77 Resp: 282700
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.4





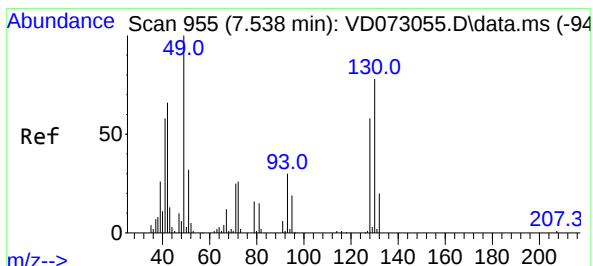
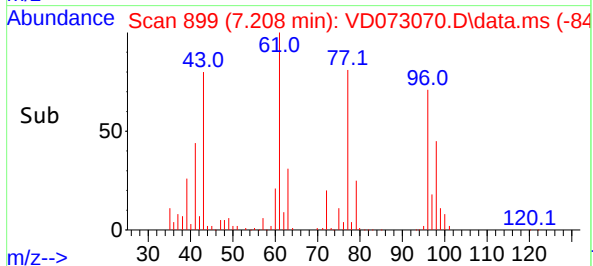
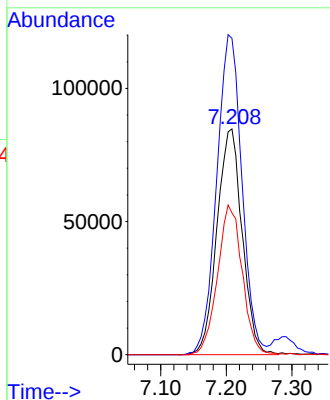
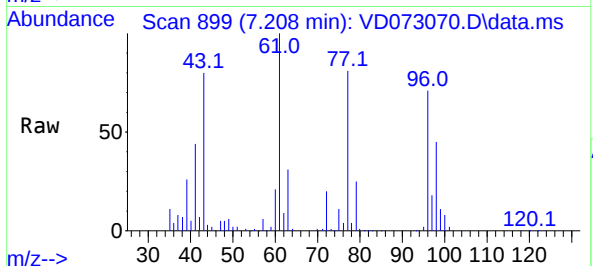
#27
cis-1,2-Dichloroethene
Concen: 49.533 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 226019
Ion Ratio Lower Upper
96 100
61 142.2 0.0 313.8
98 65.1 0.0 128.8

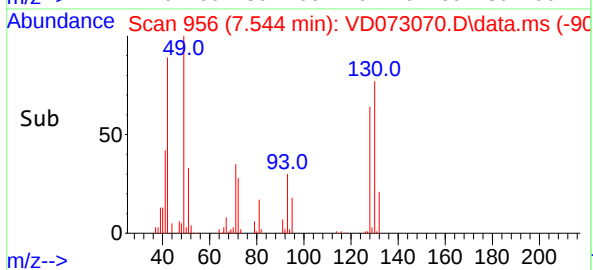
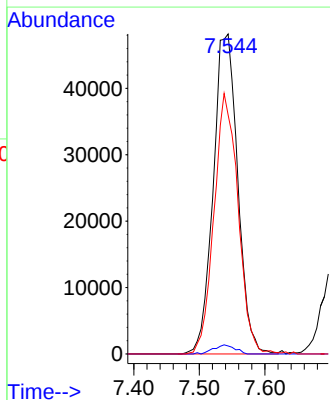
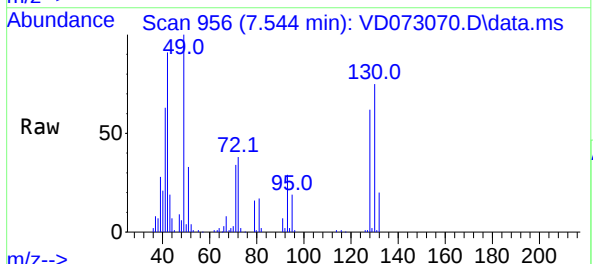
Manual Integrations
APPROVED

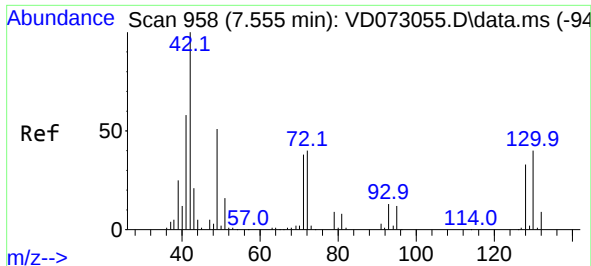
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
Bromochloromethane
Concen: 49.609 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

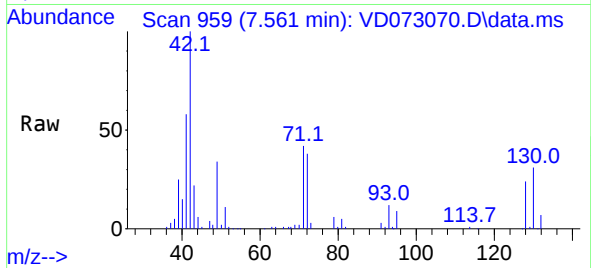
Tgt Ion: 49 Resp: 125061
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.0
130 79.8 52.6 79.0#





#29
Tetrahydrofuran
Concen: 244.273 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

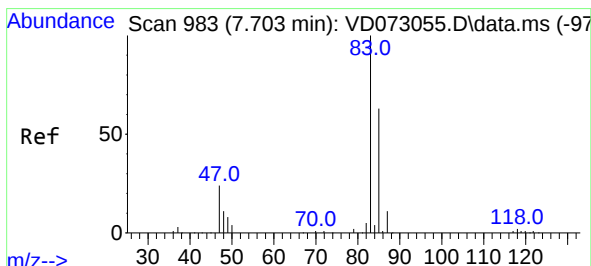
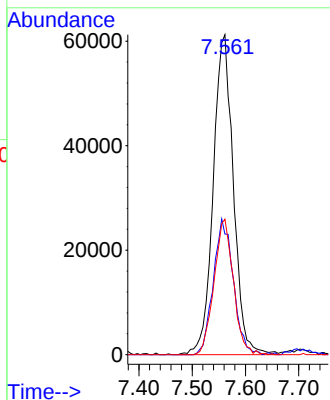
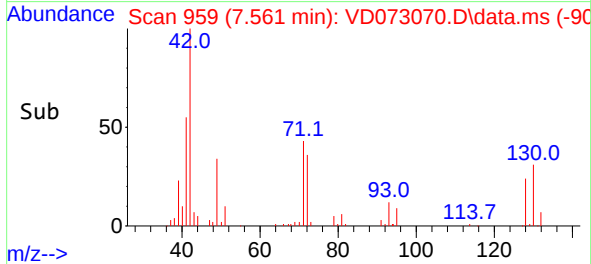
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 161274
Ion Ratio Lower Upper
42 100
72 42.0 30.7 46.1
71 40.6 28.6 43.0

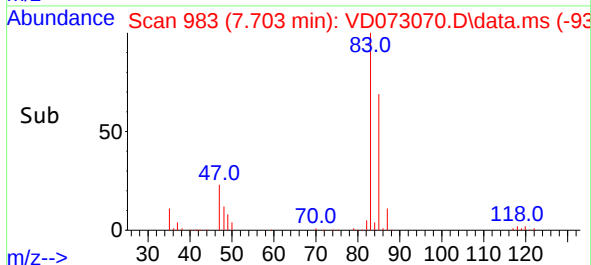
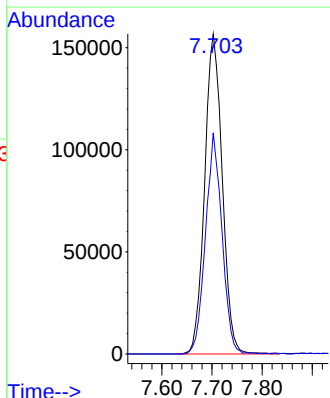
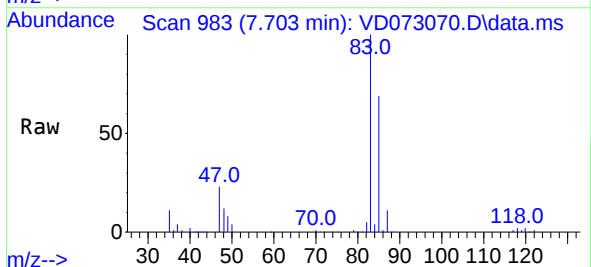
Manual Integrations
APPROVED

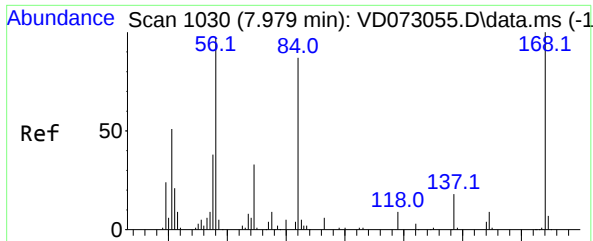
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
Chloroform
Concen: 48.544 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

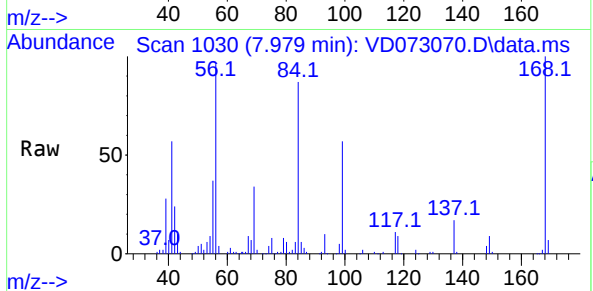
Tgt Ion: 83 Resp: 382252
Ion Ratio Lower Upper
83 100
85 69.1 52.7 79.1





#31
Cyclohexane
Concen: 45.194 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

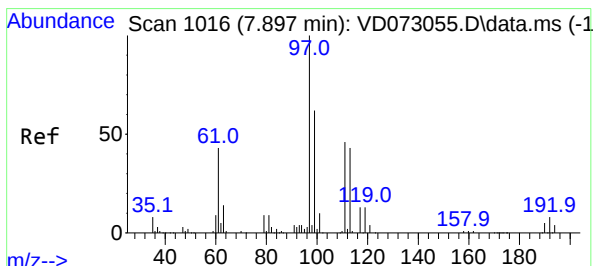
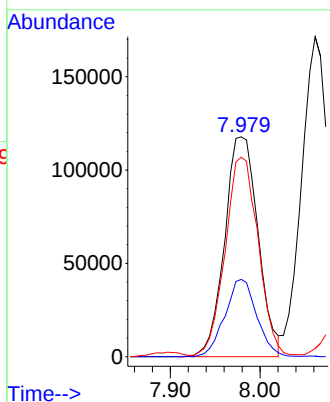
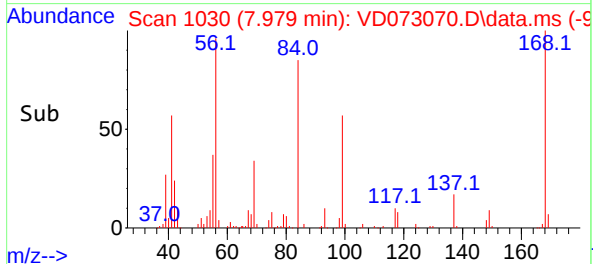
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



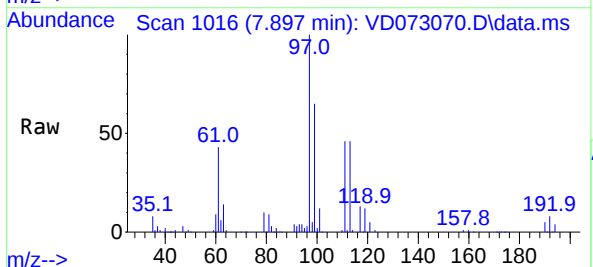
Tgt Ion: 56 Resp: 304804
Ion Ratio Lower Upper
56 100
69 35.1 25.4 38.2
84 89.1 63.0 94.4

Manual Integrations
APPROVED

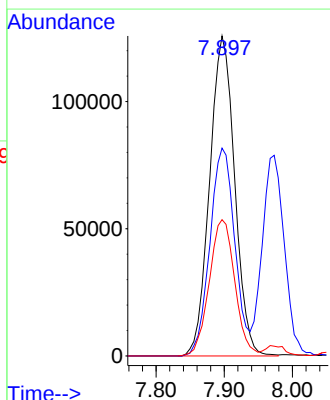
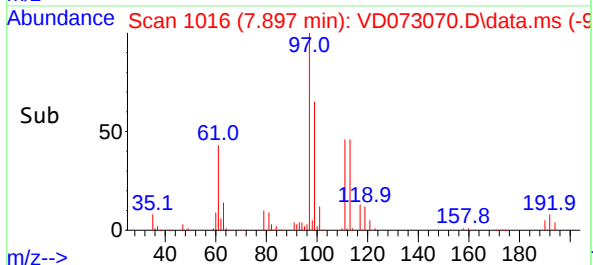
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

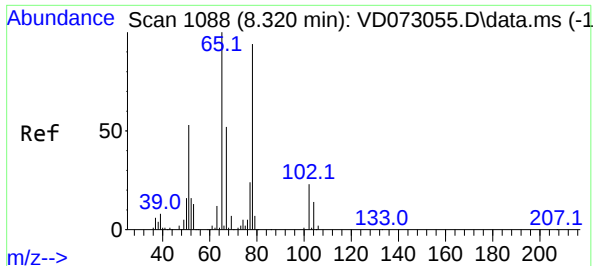


#32
1,1,1-Trichloroethane
Concen: 47.673 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion: 97 Resp: 321605
Ion Ratio Lower Upper
97 100
99 64.8 52.4 78.6
61 43.4 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 46.016 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :

MSVOA_D

ClientSampleId :

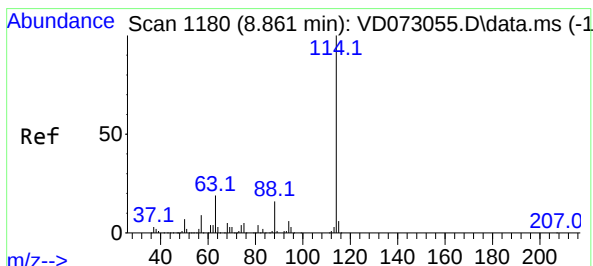
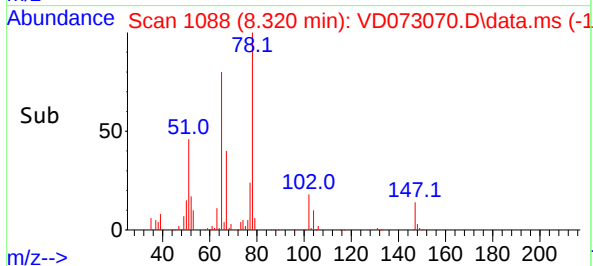
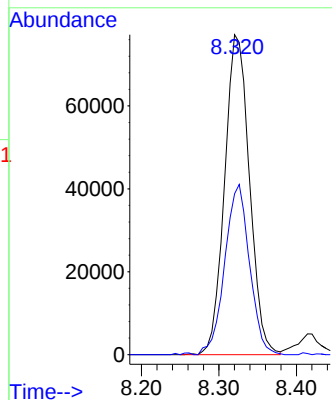
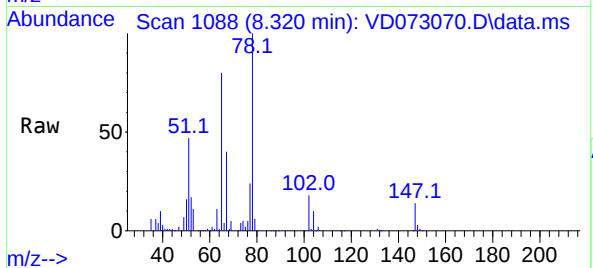
VSTDCCC050

Tgt Ion: 65 Resp: 172290
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

Manual Integrations

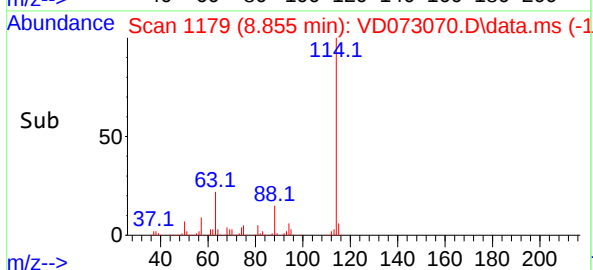
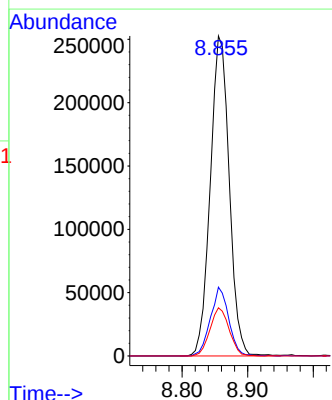
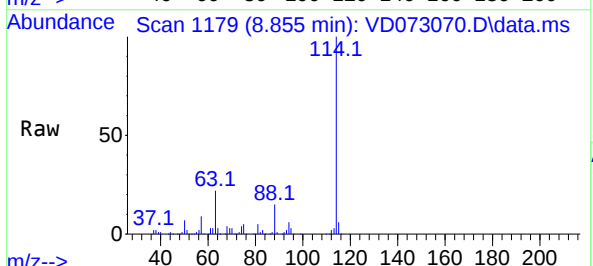
APPROVED

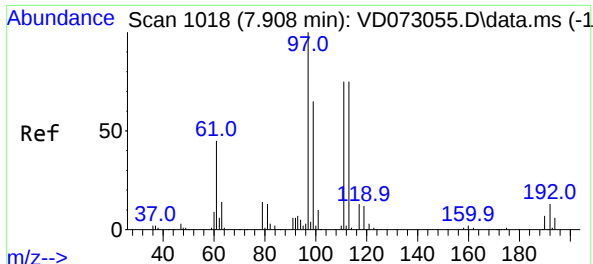
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

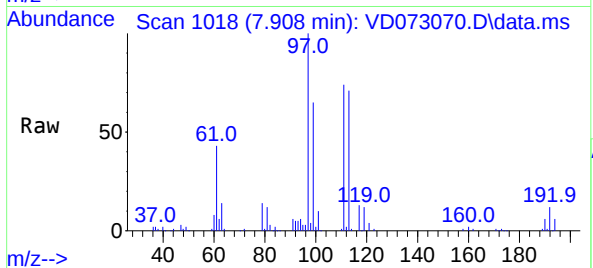
Tgt Ion:114 Resp: 507174
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.6
88 15.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 47.816 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

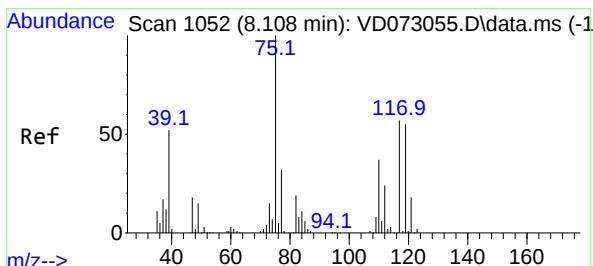
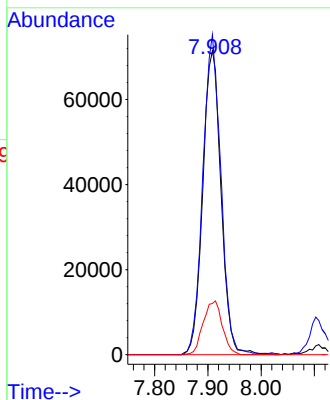
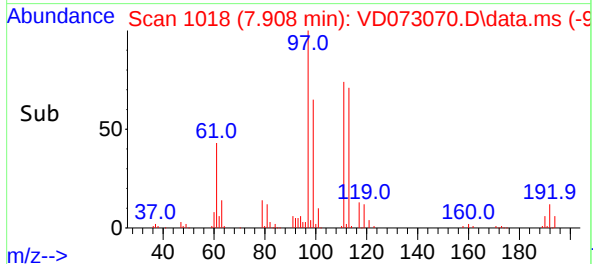
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



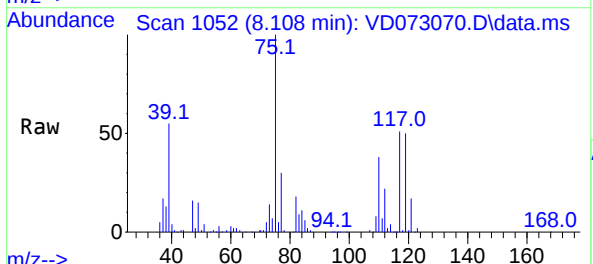
Tgt Ion: 113 Resp: 170269
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.5 14.6 21.8

Manual Integrations
APPROVED

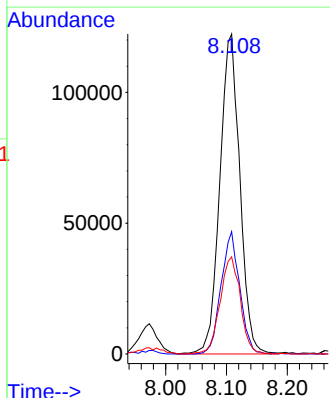
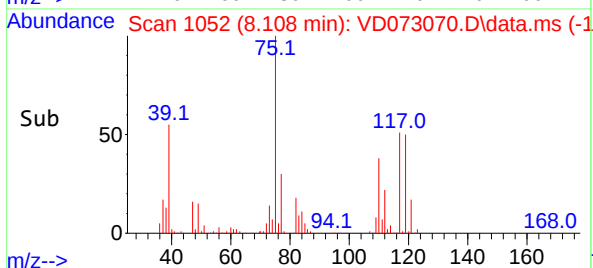
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

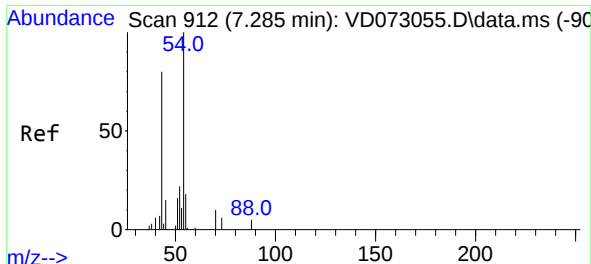


#36
1,1-Dichloropropene
Concen: 48.131 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



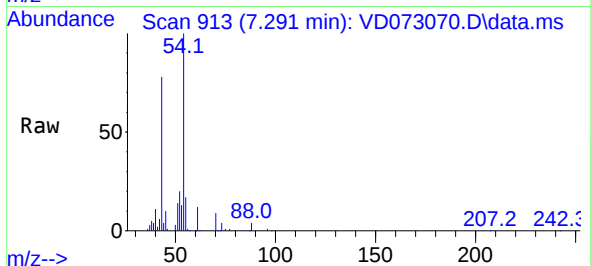
Tgt Ion: 75 Resp: 279263
Ion Ratio Lower Upper
75 100
110 35.6 16.4 49.1
77 30.7 24.2 36.2





#37
Ethyl Acetate
Concen: 48.591 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

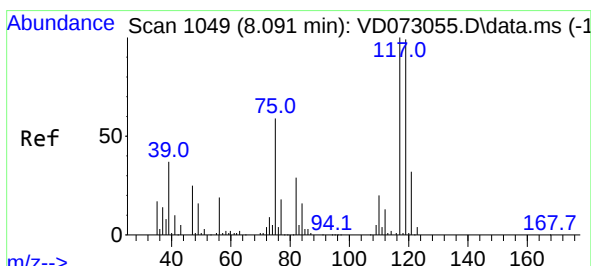
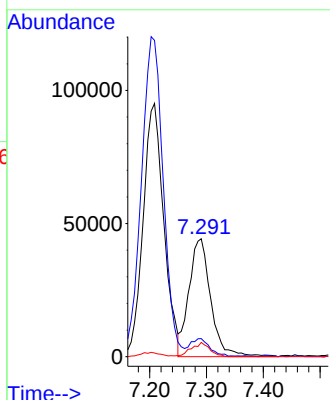
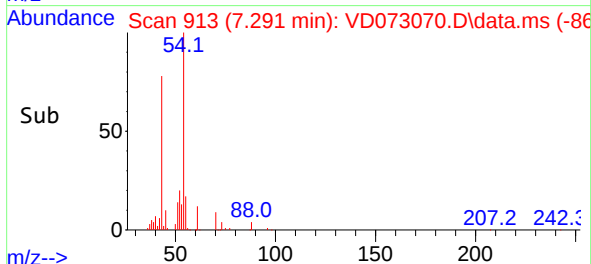
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11840
Ion Ratio Lower Upper
43 100
61 13.1 9.8 14.8
70 10.2 6.9 10.3

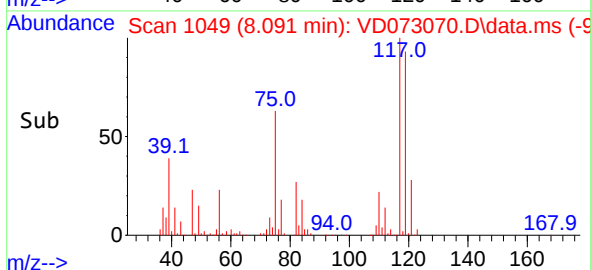
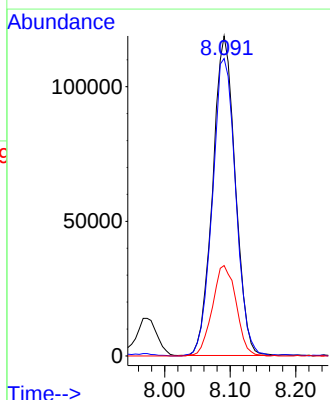
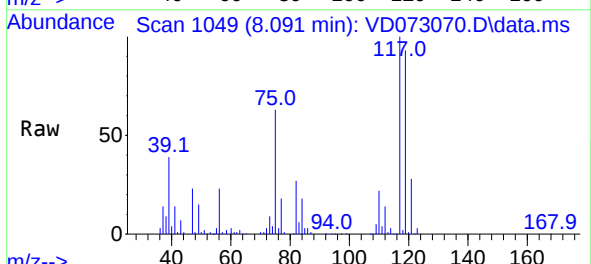
Manual Integrations
APPROVED

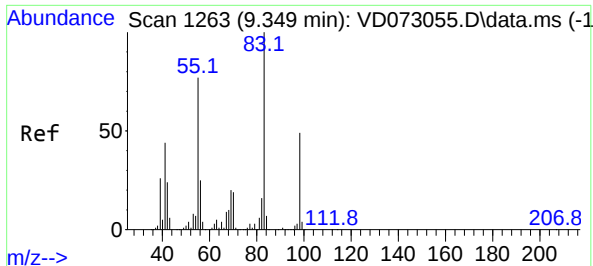
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 47.832 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Tgt Ion:117 Resp: 283941
Ion Ratio Lower Upper
117 100
119 93.1 75.8 113.6
121 28.3 24.5 36.7





#39

Methylcyclohexane

Concen: 46.646 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073070.D

Acq: 17 May 2022 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 31559

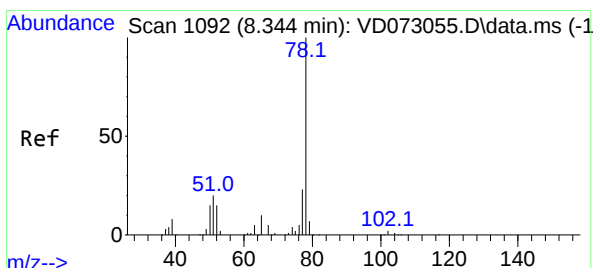
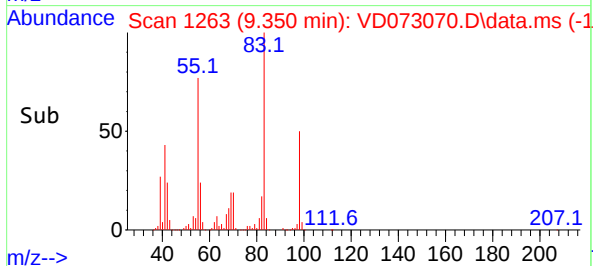
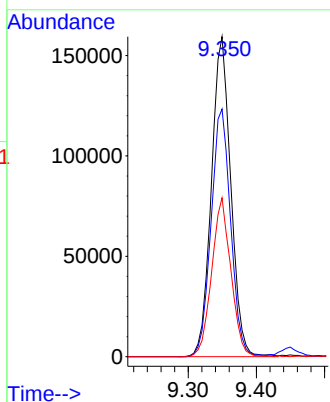
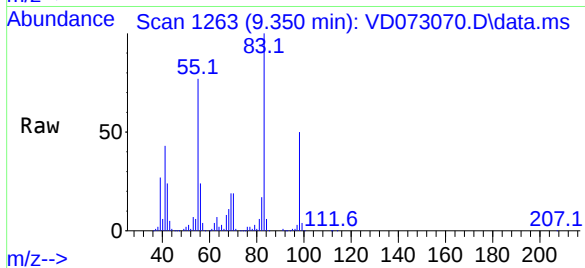
Ion	Ratio	Lower	Upper
83	100		
55	77.4	63.2	94.8
98	49.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 49.728 ug/l

RT: 8.344 min Scan# 1092

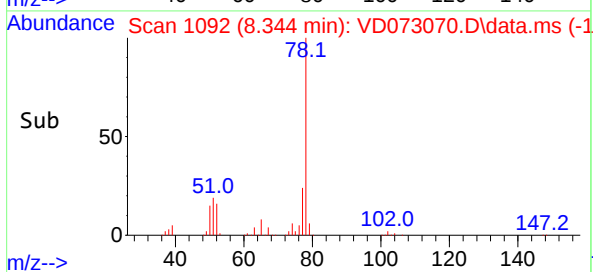
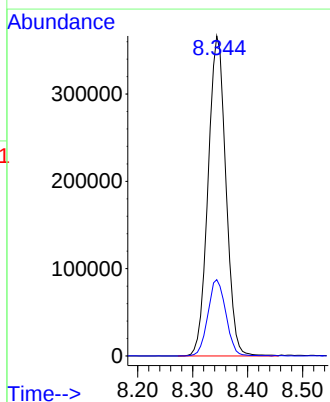
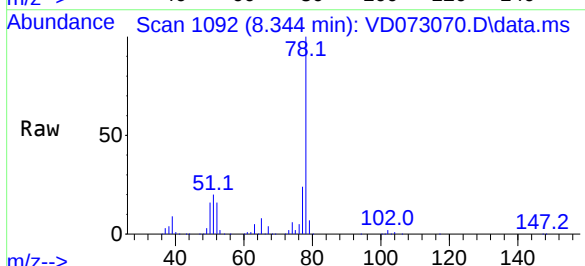
Delta R.T. 0.000 min

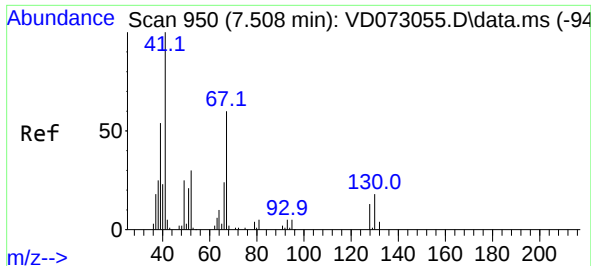
Lab File: VD073070.D

Acq: 17 May 2022 21:59

Tgt Ion: 78 Resp: 825019

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





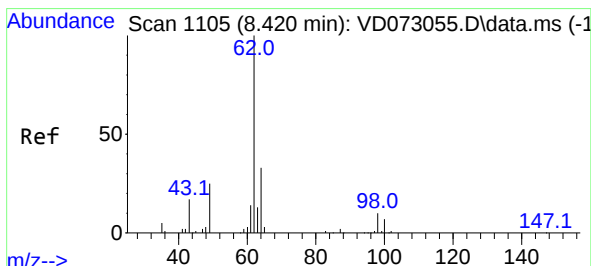
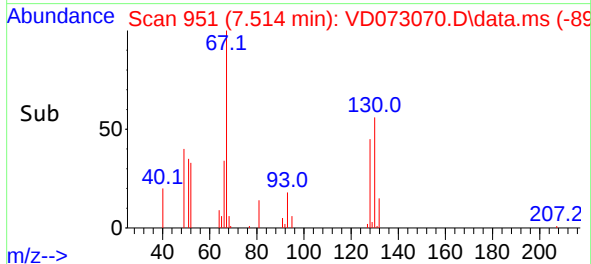
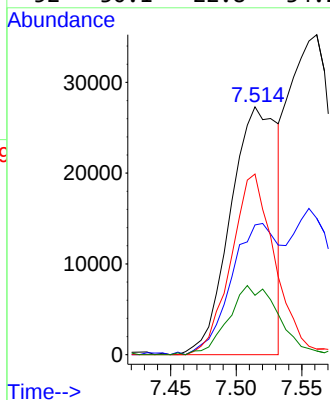
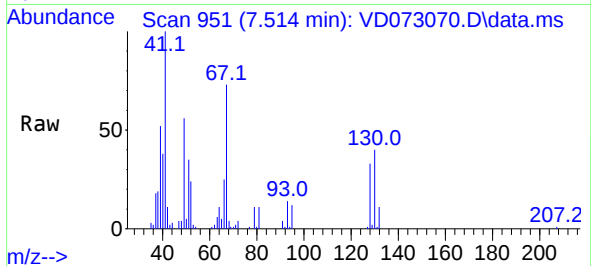
#41
Methacrylonitrile
Concen: 49.483 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 67992
Ion Ratio Lower Upper
41 100
39 58.0 44.6 67.0
67 68.8 48.2 72.4
52 30.1 22.8 34.2

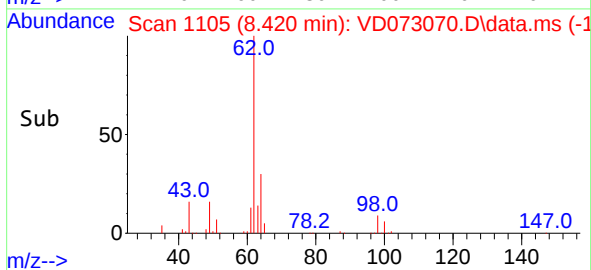
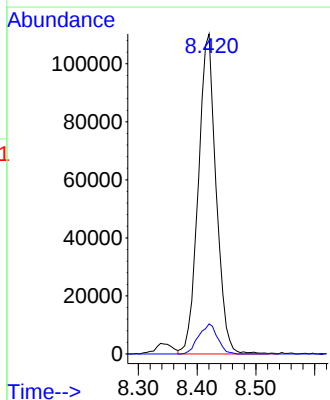
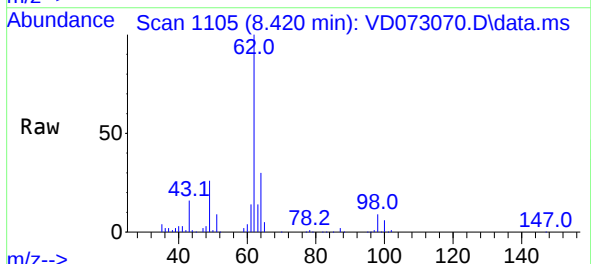
Manual Integrations
APPROVED

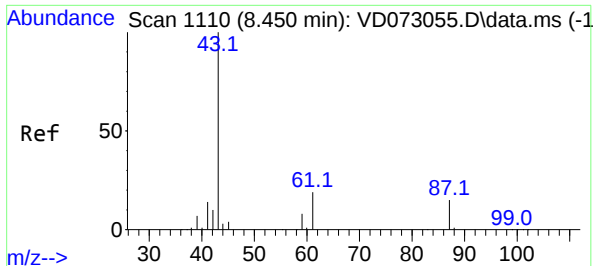
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
1,2-Dichloroethane
Concen: 47.937 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

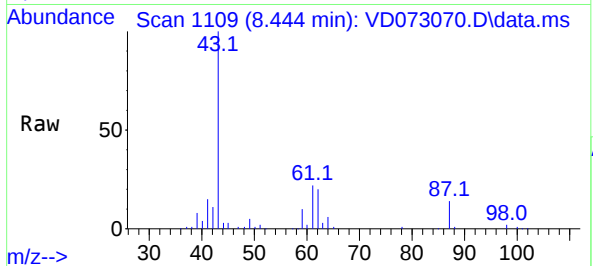
Tgt Ion: 62 Resp: 231489
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.383 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

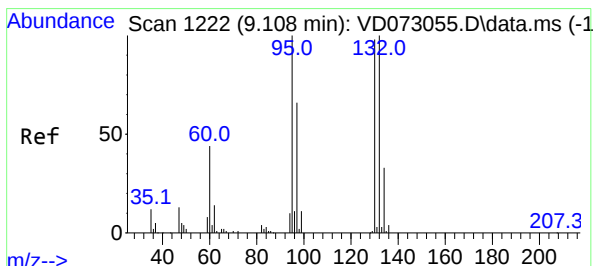
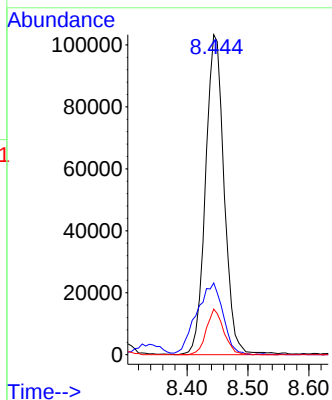
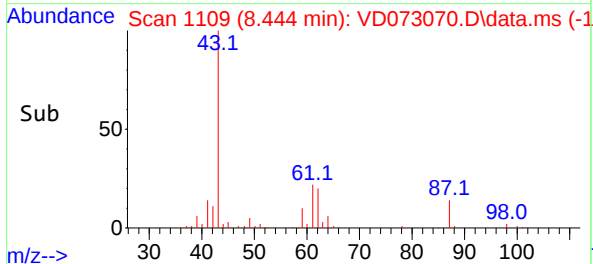
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



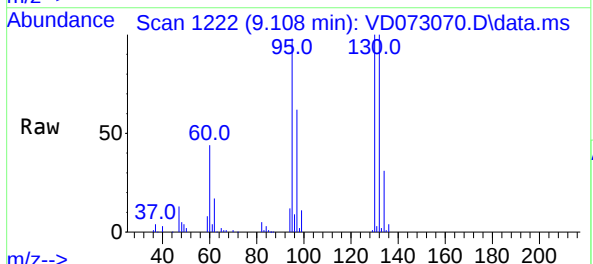
Tgt Ion: 43 Resp: 219190
Ion Ratio Lower Upper
43 100
61 31.9 22.4 33.6
87 13.3 8.7 13.1

Manual Integrations
APPROVED

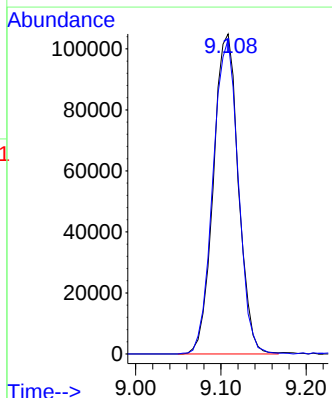
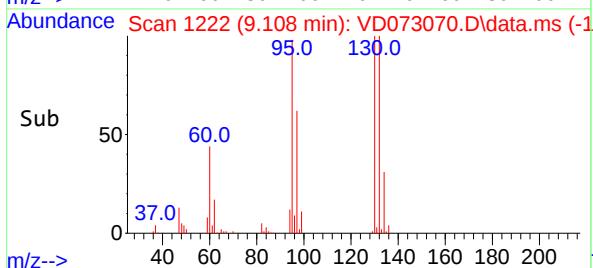
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

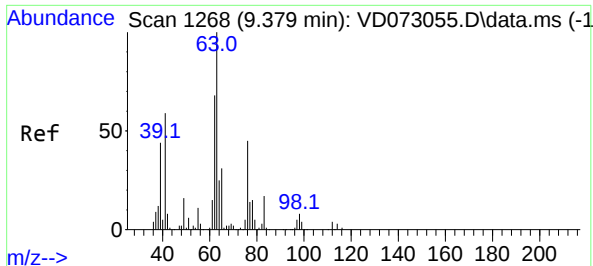


#44
Trichloroethene
Concen: 47.601 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion:130 Resp: 213607
Ion Ratio Lower Upper
130 100
95 98.3 0.0 205.4





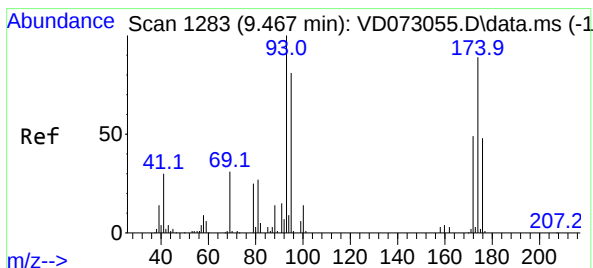
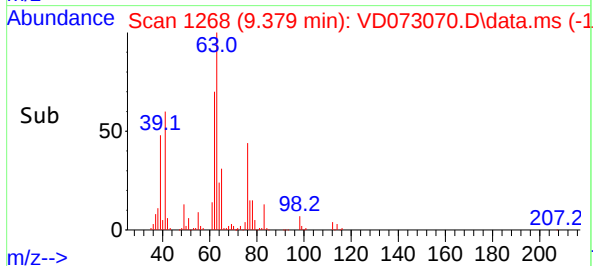
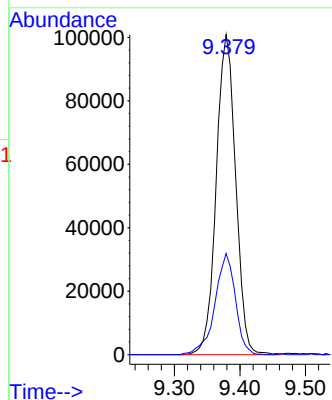
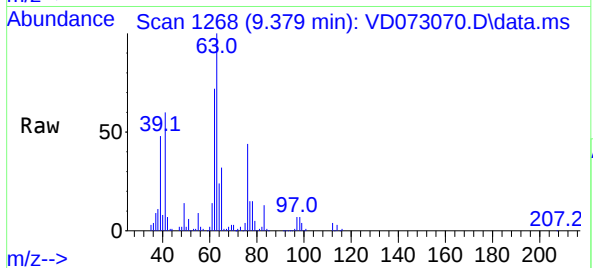
#45
1,2-Dichloropropane
Concen: 48.062 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 20707
Ion Ratio Lower Upper
63 100
65 31.6 26.2 39.4

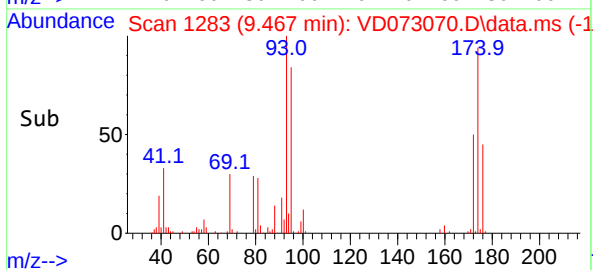
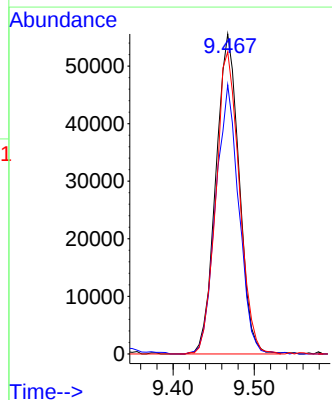
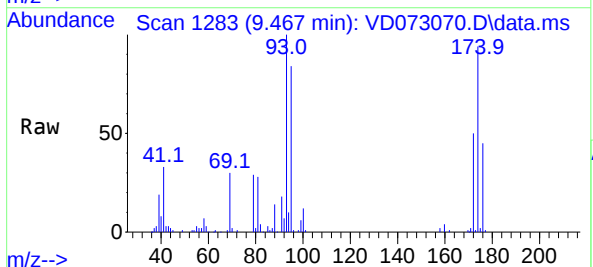
Manual Integrations
APPROVED

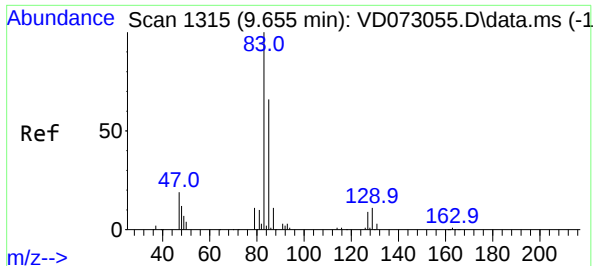
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#46
Dibromomethane
Concen: 46.432 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

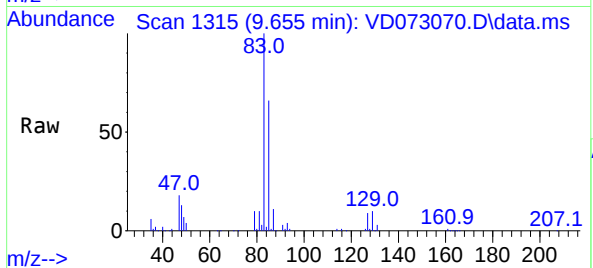
Tgt Ion: 93 Resp: 110617
Ion Ratio Lower Upper
93 100
95 83.9 66.7 100.1
174 95.0 71.6 107.4





#47
Bromodichloromethane
Concen: 48.311 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

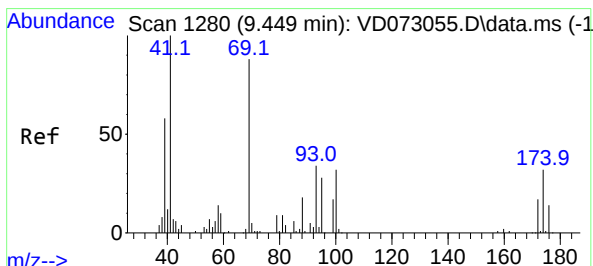
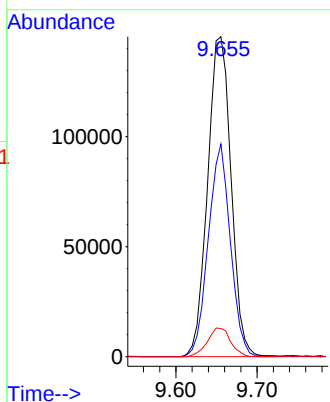
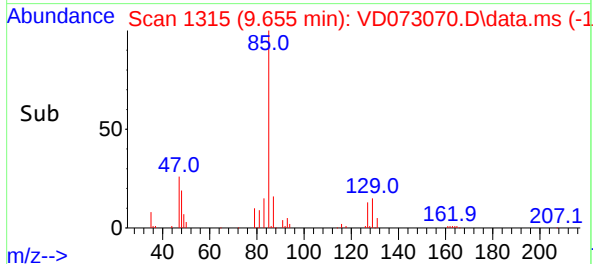
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



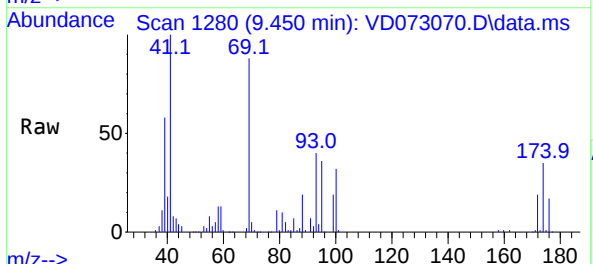
Tgt Ion: 83 Resp: 292315
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.0
127 8.8 6.1 9.1

Manual Integrations
APPROVED

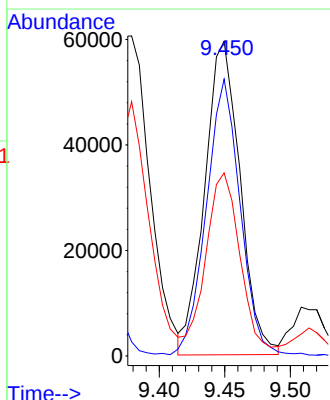
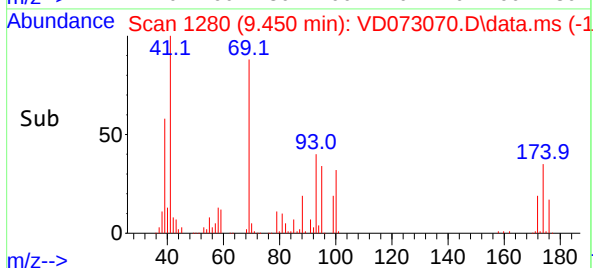
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

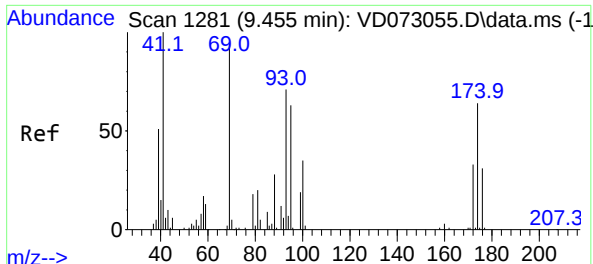


#48
Methyl methacrylate
Concen: 49.640 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion: 41 Resp: 111550
Ion Ratio Lower Upper
41 100
69 84.6 56.7 85.1
39 51.2 42.7 64.1





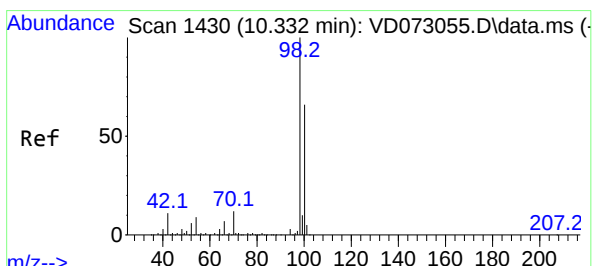
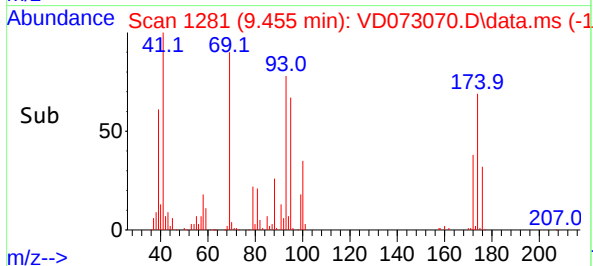
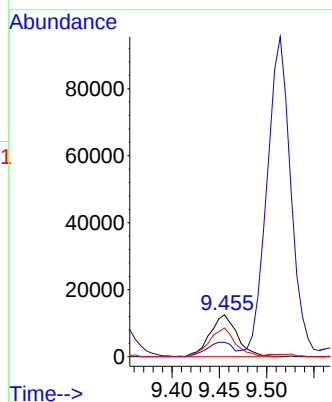
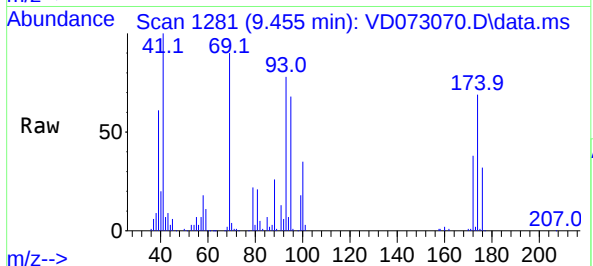
#49
1,4-Dioxane
Concen: 1005.285 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 24934
Ion Ratio Lower Upper
88 100
43 32.9 31.0 46.4
58 65.9 58.1 87.1

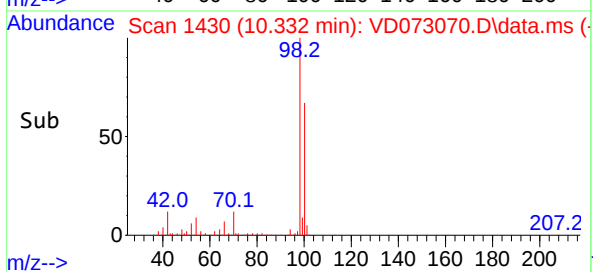
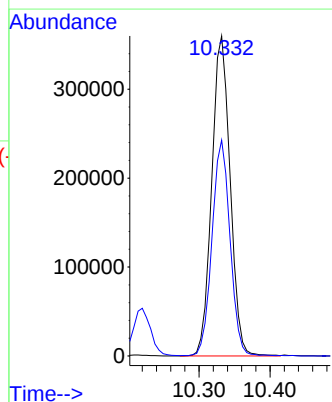
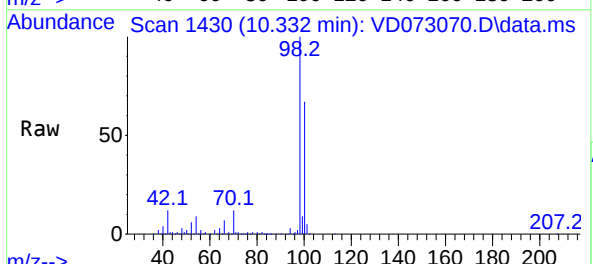
Manual Integrations
APPROVED

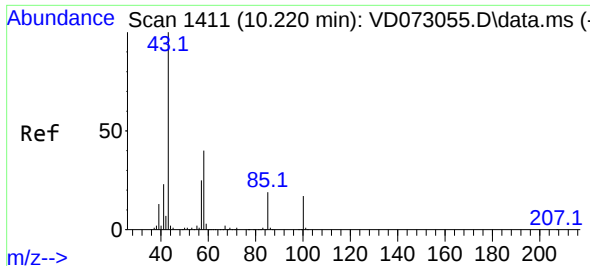
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 49.970 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

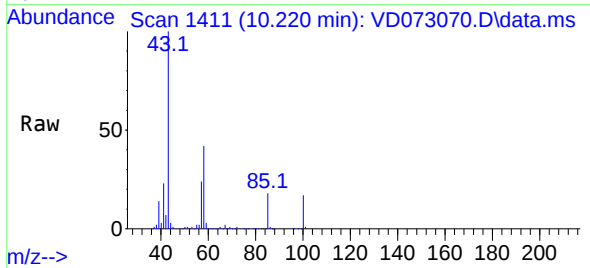
Tgt Ion: 98 Resp: 645526
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 244.889 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

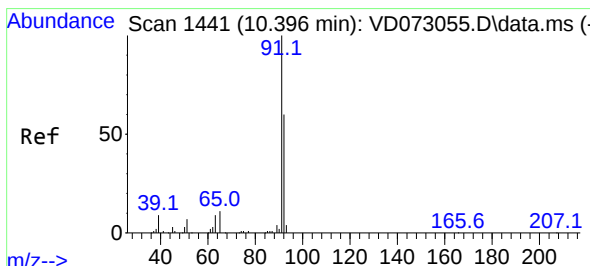
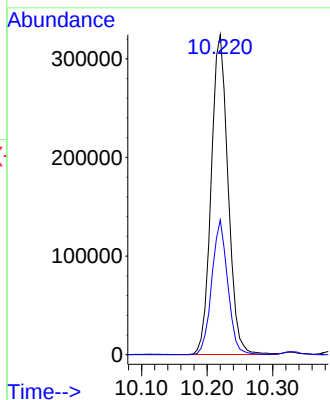
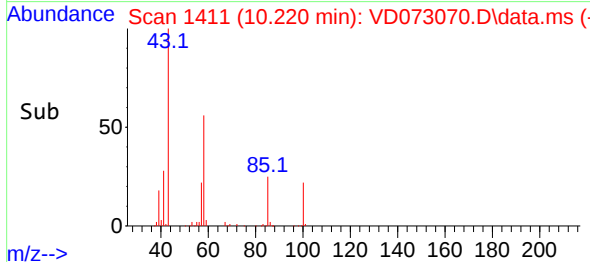
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



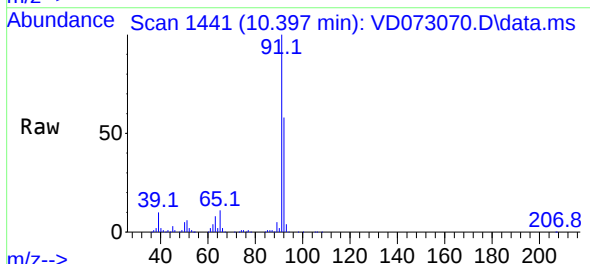
Tgt Ion: 43 Resp: 578978
Ion Ratio Lower Upper
43 100
58 39.8 28.6 43.0

Manual Integrations
APPROVED

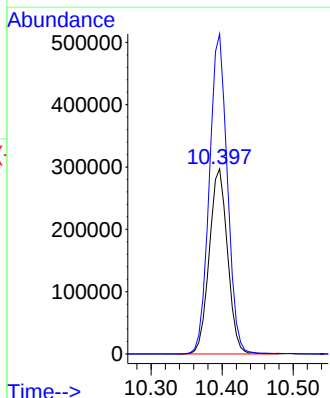
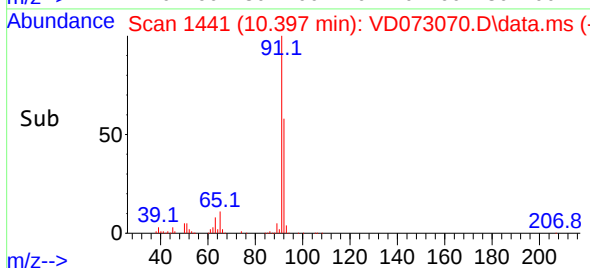
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

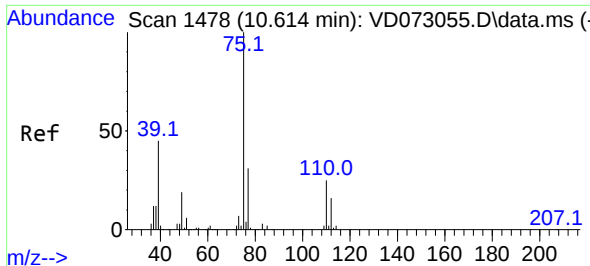


#52
Toluene
Concen: 50.309 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion: 92 Resp: 529906
Ion Ratio Lower Upper
92 100
91 170.9 139.6 209.4





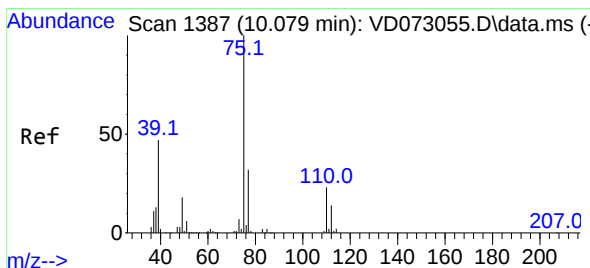
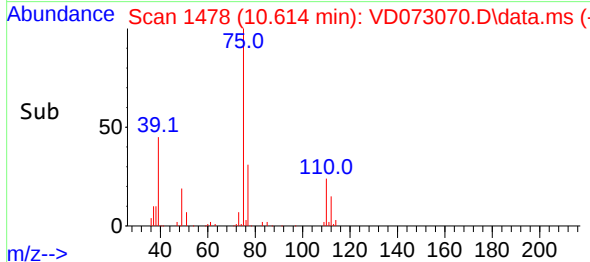
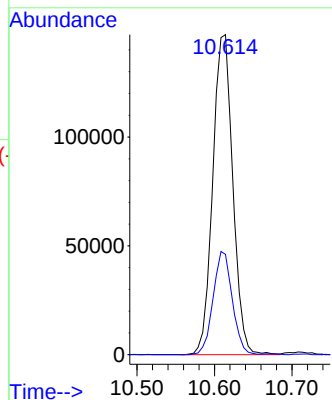
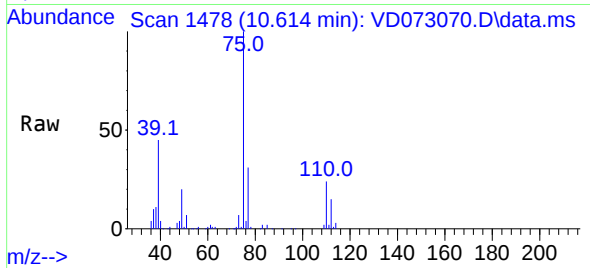
#53
t-1,3-Dichloropropene
Concen: 47.884 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26424
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7

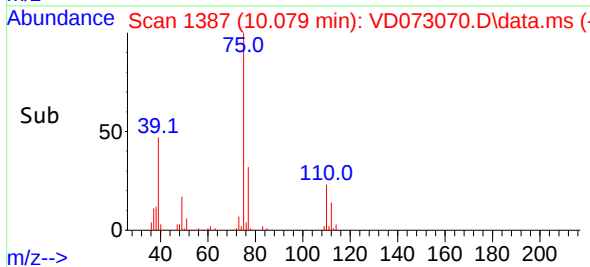
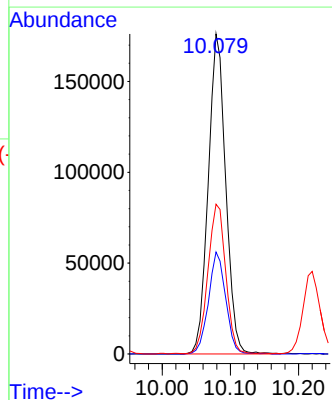
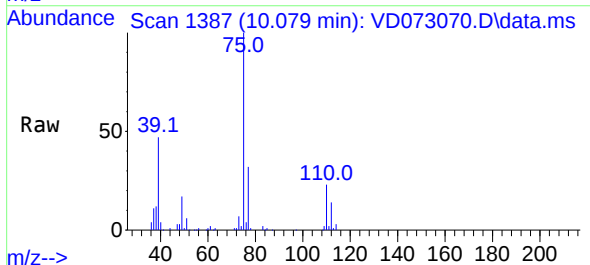
Manual Integrations
APPROVED

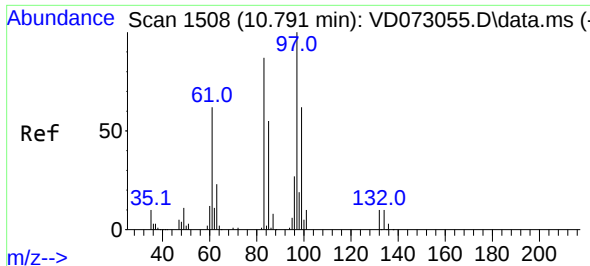
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
cis-1,3-Dichloropropene
Concen: 48.262 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

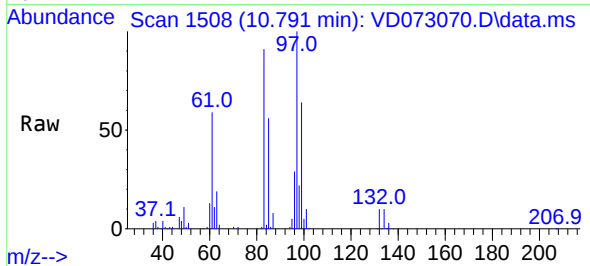
Tgt Ion: 75 Resp: 314015
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 46.7 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 46.783 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

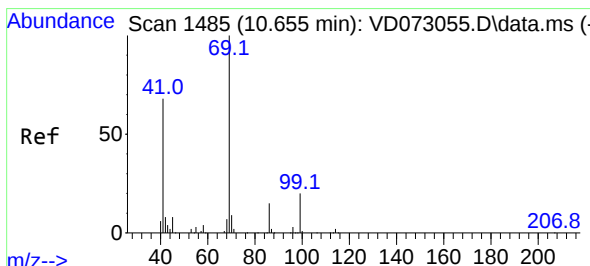
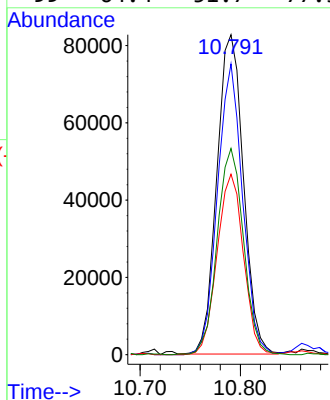
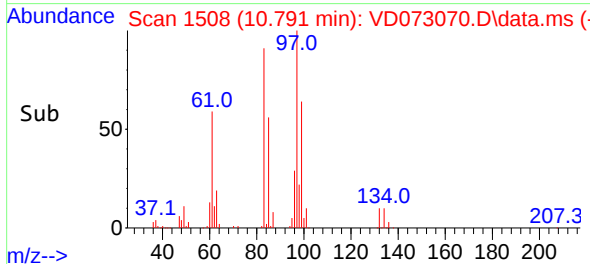
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



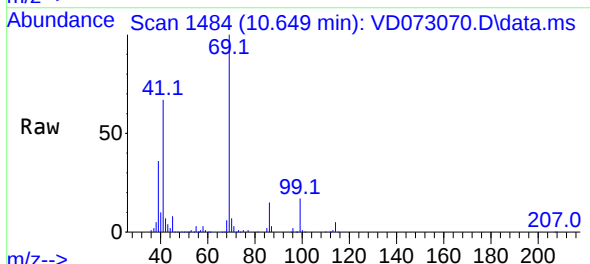
Tgt Ion:	97	Resp:	15212
Ion Ratio	100	Lower	Upper
97	100		
83	91.0	69.0	103.4
85	56.5	42.6	63.8
99	64.4	51.7	77.5

Manual Integrations
APPROVED

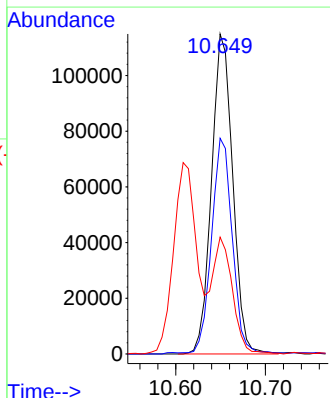
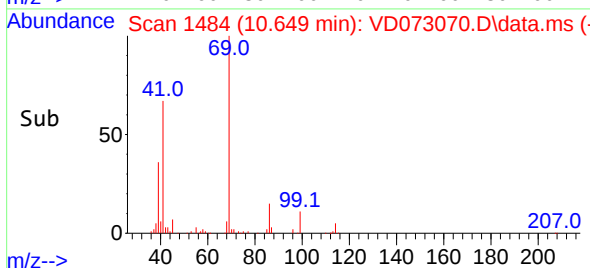
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

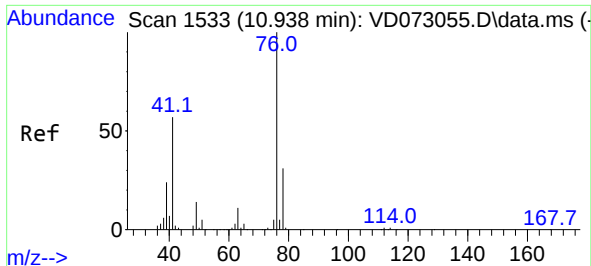


#56
Ethyl methacrylate
Concen: 51.260 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion:	69	Resp:	188510
Ion Ratio	100	Lower	Upper
69	100		
41	65.2	63.0	94.6
39	35.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 47.748 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073070.D

Acq: 17 May 2022 21:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 26418

Ion Ratio Lower Upper

76 100

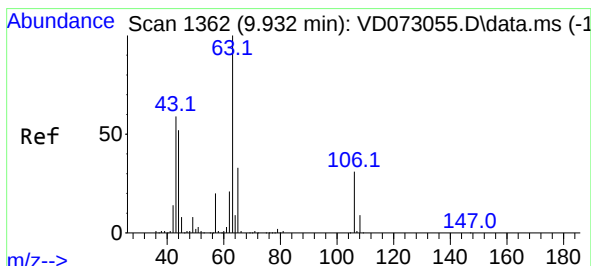
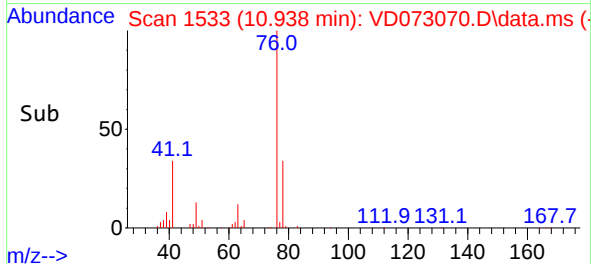
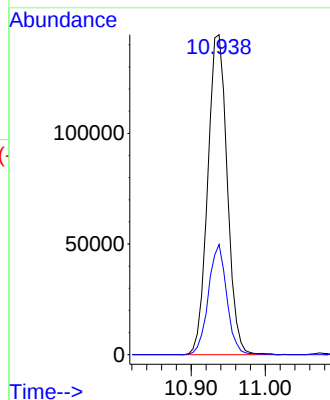
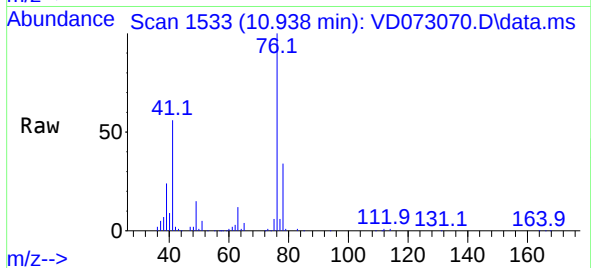
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 213.582 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073070.D

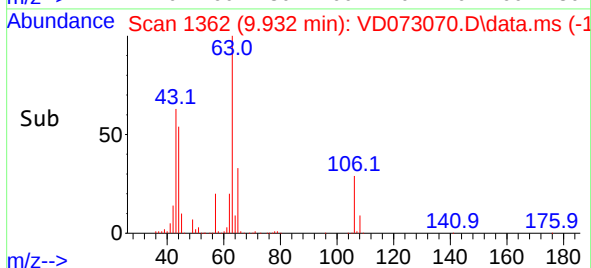
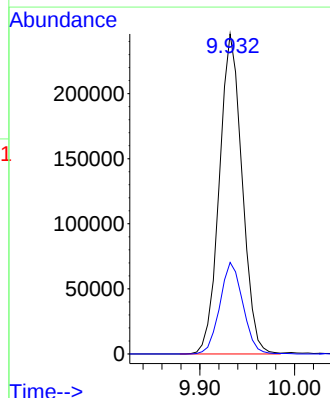
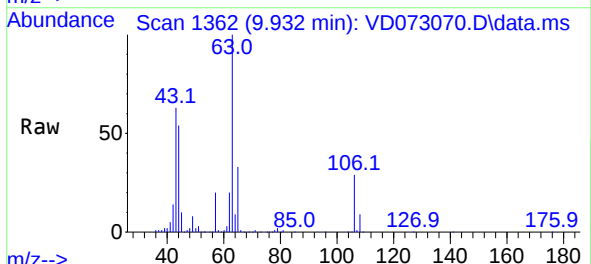
Acq: 17 May 2022 21:59

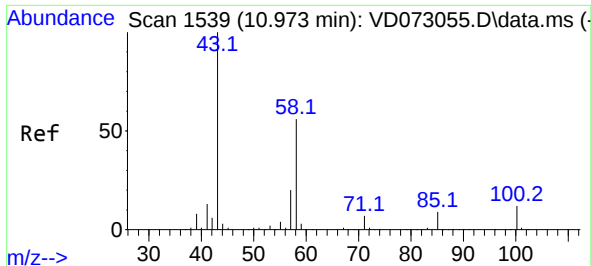
Tgt Ion: 63 Resp: 411111

Ion Ratio Lower Upper

63 100

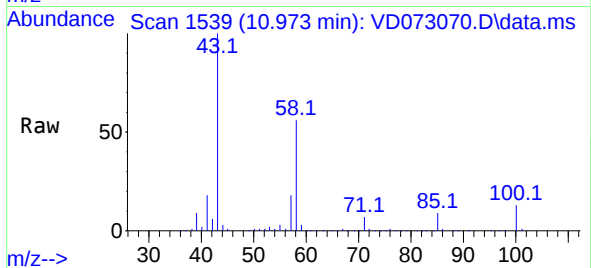
106 28.9 21.4 32.0





#59
2-Hexanone
Concen: 246.090 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

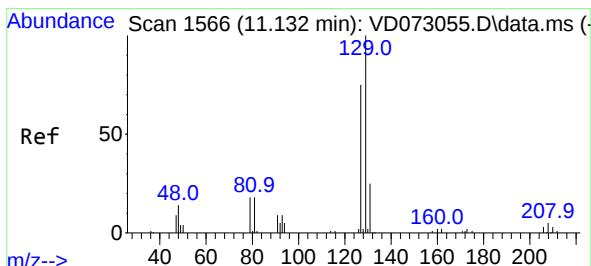
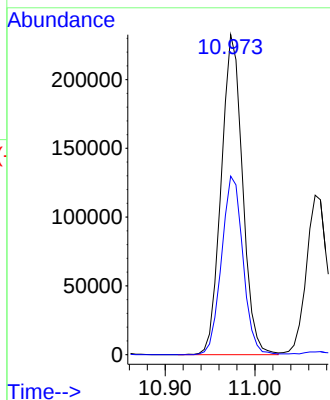
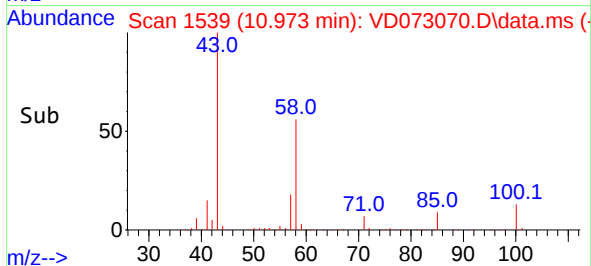
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



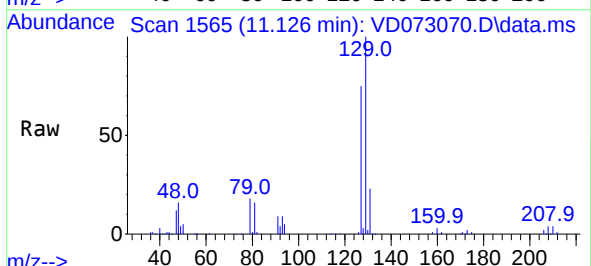
Tgt Ion: 43 Resp: 38434
Ion Ratio Lower Upper
43 100
58 56.0 25.3 75.9

Manual Integrations
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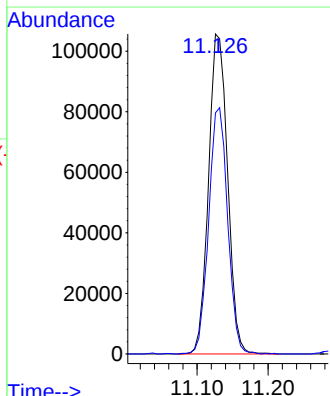
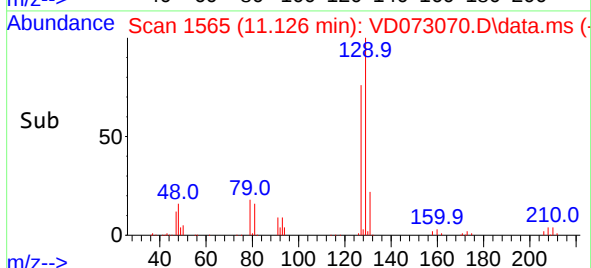
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

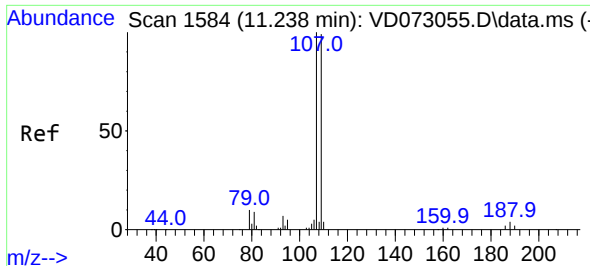


#60
Dibromochloromethane
Concen: 48.751 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion:129 Resp: 196949
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





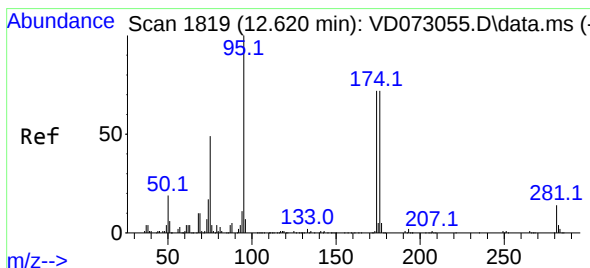
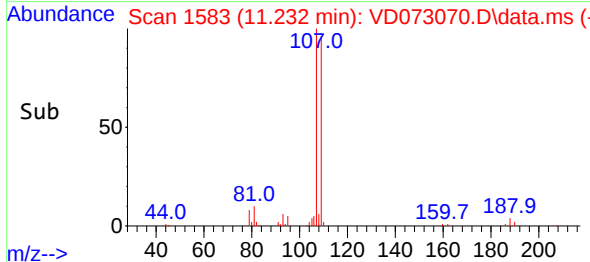
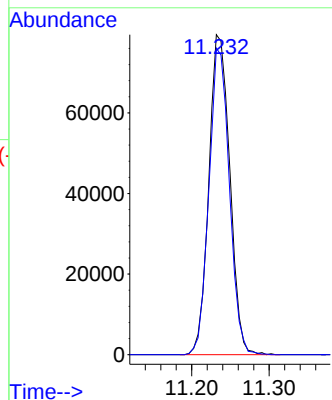
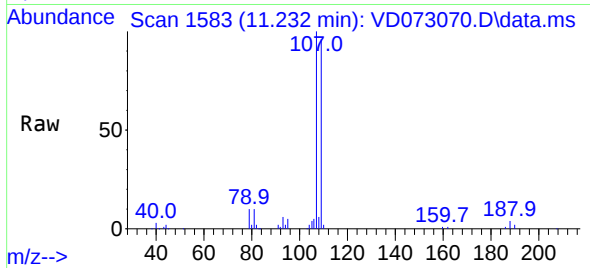
#61
1,2-Dibromoethane
Concen: 47.640 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 14906
Ion Ratio Lower Upper
107 100
109 93.4 74.2 111.4

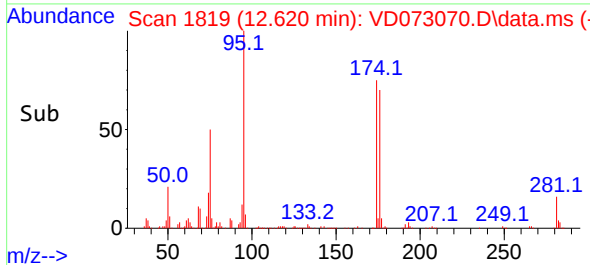
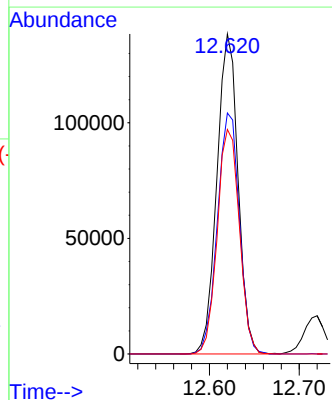
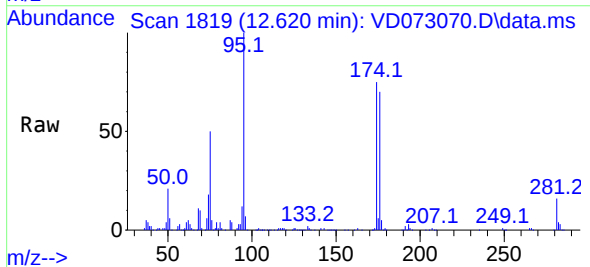
Manual Integrations
APPROVED

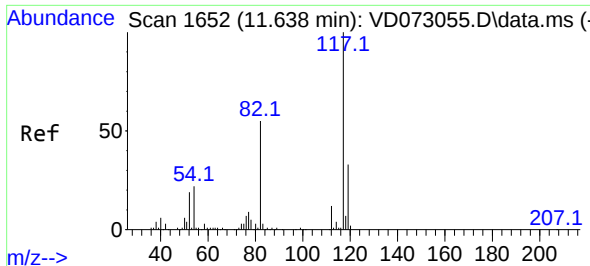
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 48.395 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

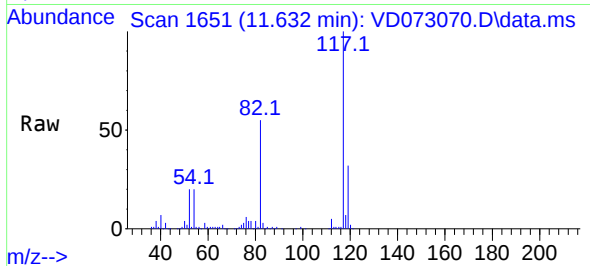
Tgt Ion: 95 Resp: 226439
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 73.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

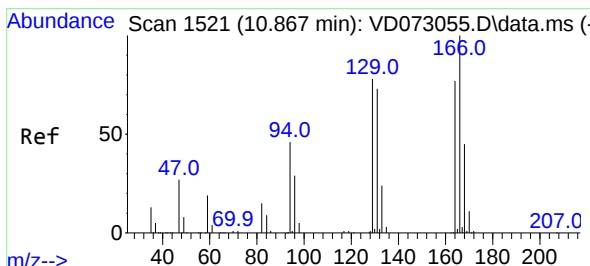
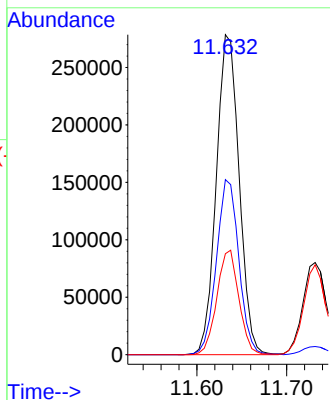
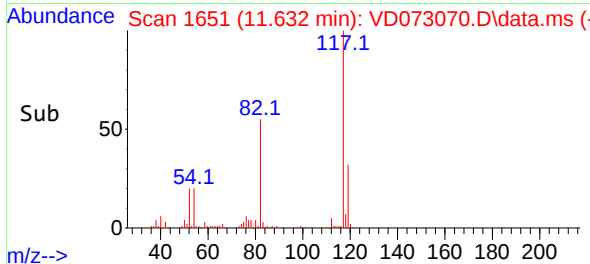
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



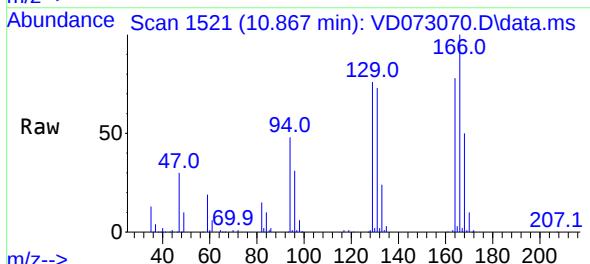
Tgt Ion:117 Resp: 493309
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 31.6 26.6 40.0

Manual Integrations
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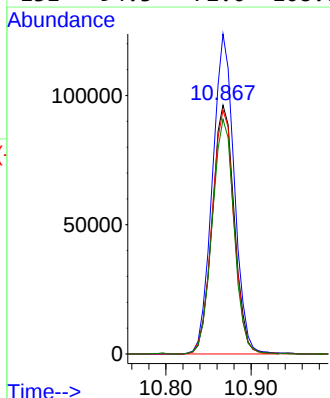
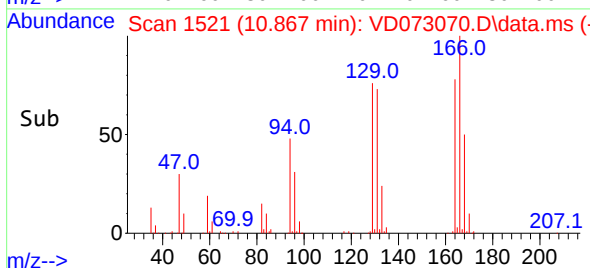
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

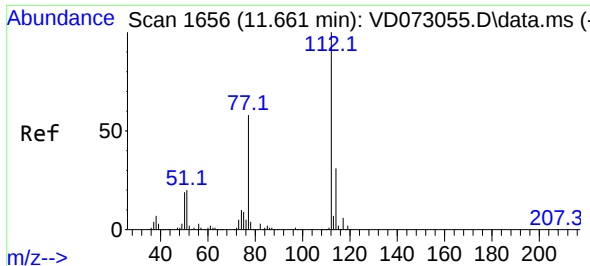


#64
Tetrachloroethene
Concen: 47.963 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



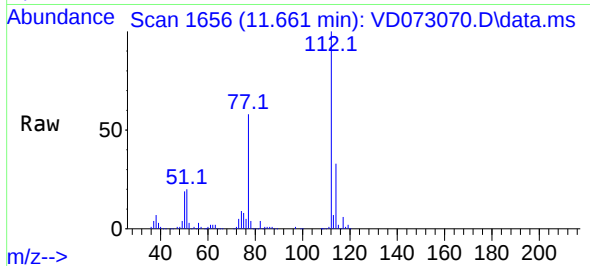
Tgt Ion:164 Resp: 173347
Ion Ratio Lower Upper
164 100
166 128.6 98.5 147.7
129 97.9 74.6 111.8
131 94.3 72.0 108.0





#65
Chlorobenzene
Concen: 49.629 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

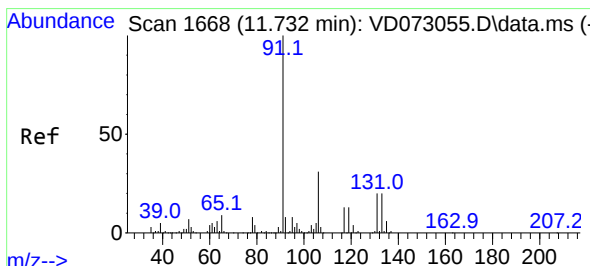
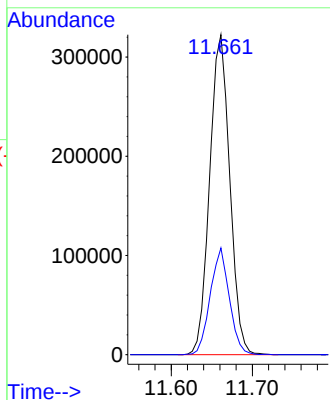
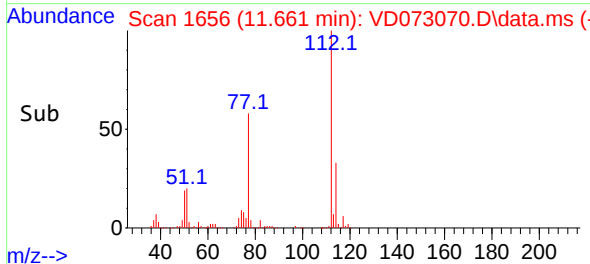
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



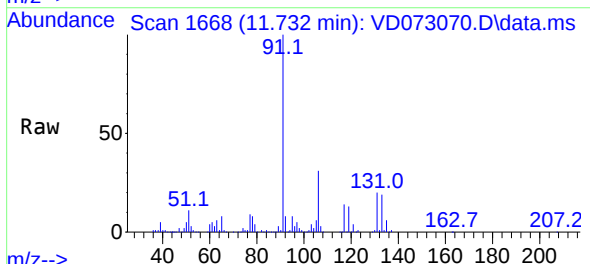
Tgt Ion:112 Resp: 555120
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6

Manual Integrations
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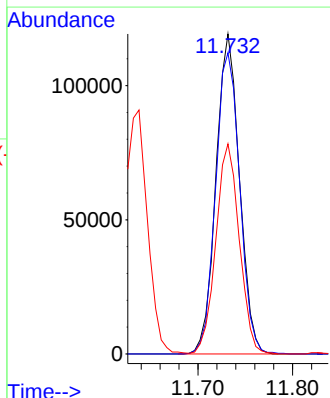
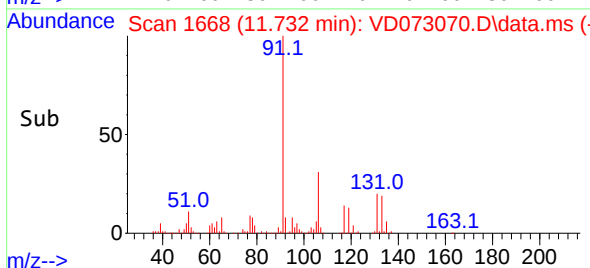
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

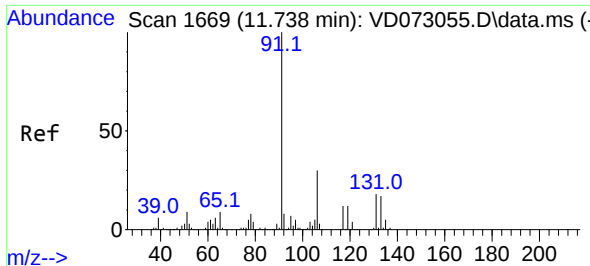


#66
1,1,1,2-Tetrachloroethane
Concen: 48.085 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



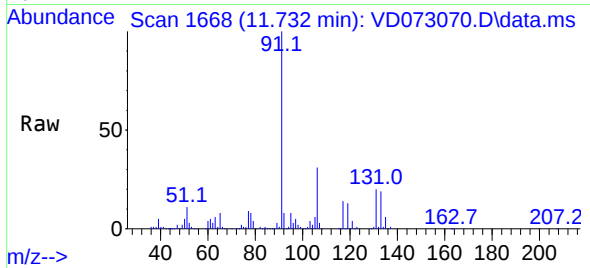
Tgt Ion:131 Resp: 205459
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 65.6 31.9 95.9





#67
Ethyl Benzene
Concen: 51.391 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

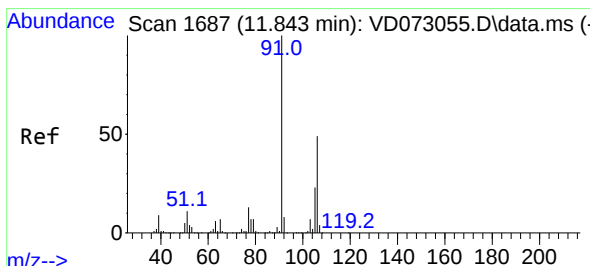
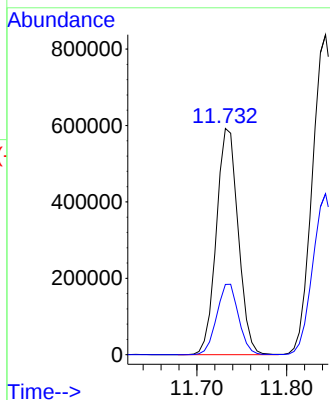
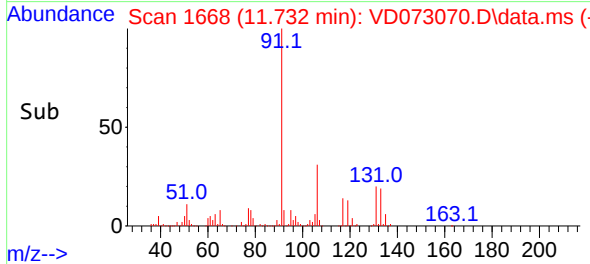
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



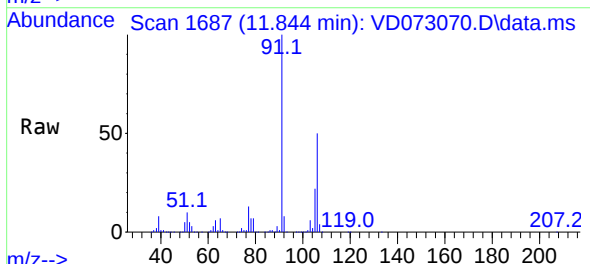
Tgt Ion: 91 Resp: 1000870
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

Manual Integrations
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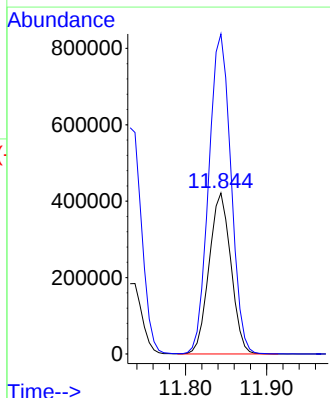
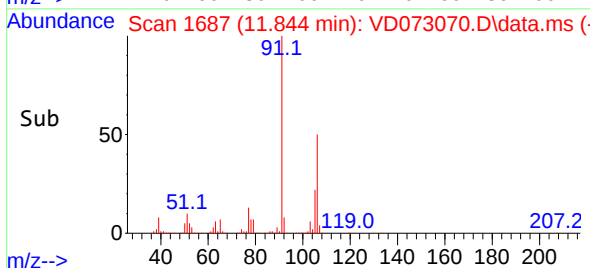
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

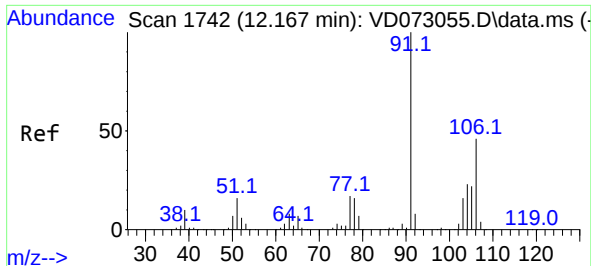


#68
m/p-Xylenes
Concen: 104.105 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion:106 Resp: 785803
Ion Ratio Lower Upper
106 100
91 202.7 163.7 245.5





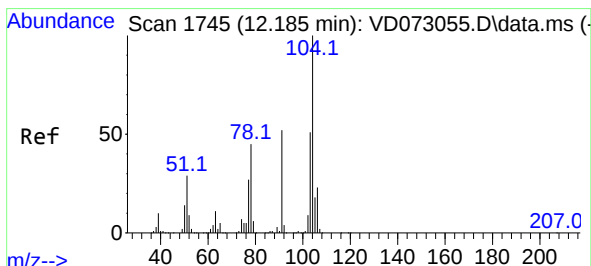
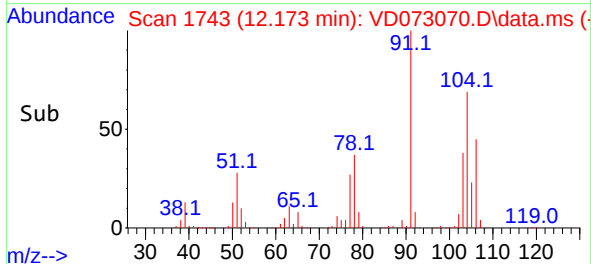
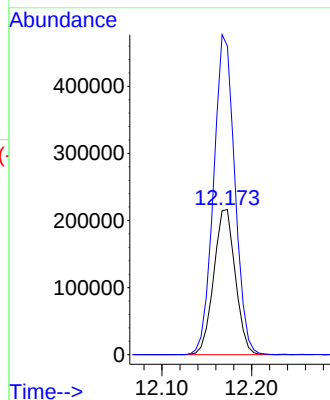
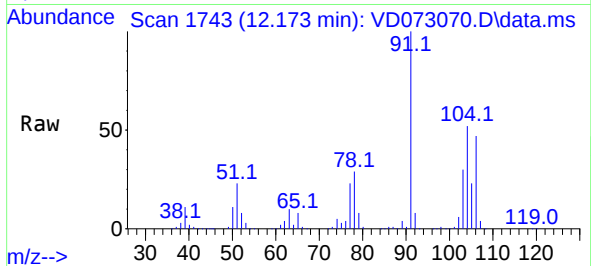
#69
o-Xylene
Concen: 51.989 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 361880
Ion Ratio Lower Upper
106 100
91 216.3 110.4 331.2

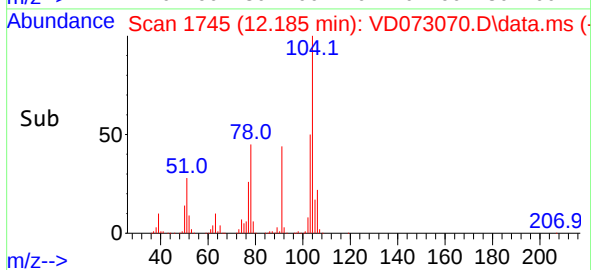
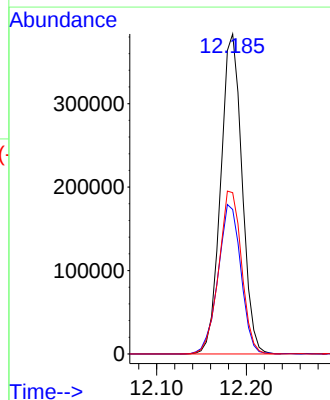
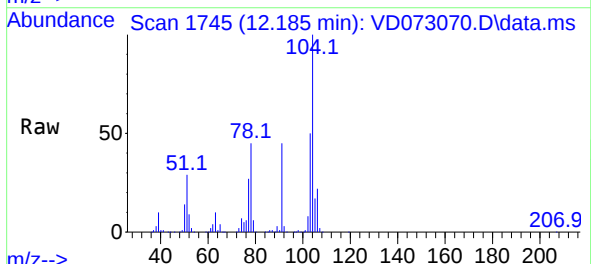
Manual Integrations
APPROVED

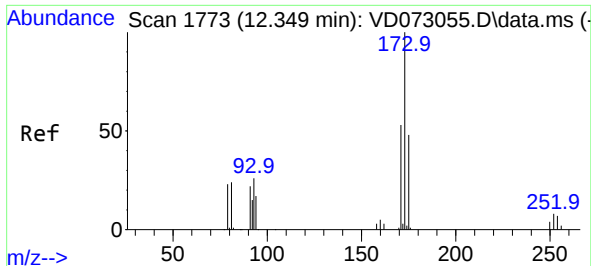
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 51.969 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

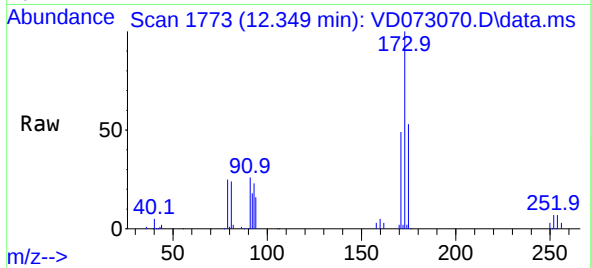
Tgt Ion:104 Resp: 631835
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 54.5 44.2 66.4





#71
Bromoform
Concen: 48.567 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

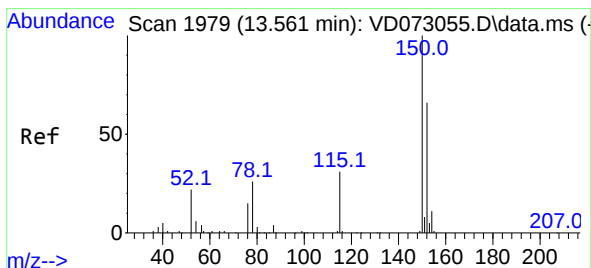
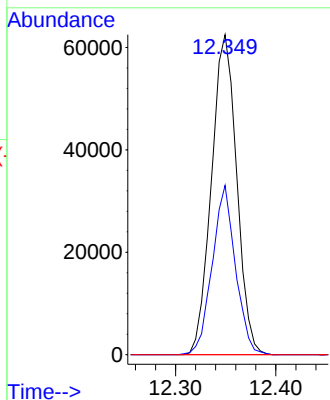
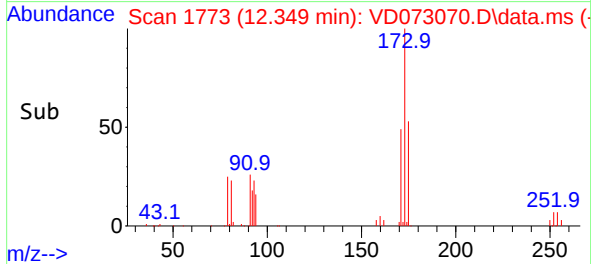
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



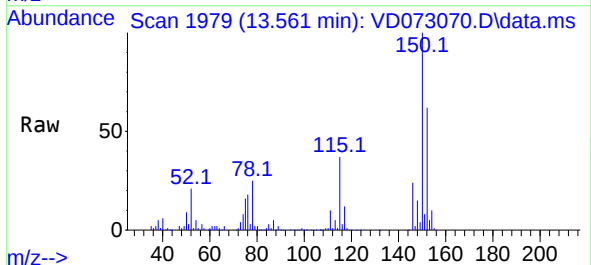
Tgt Ion:173 Resp: 109258
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
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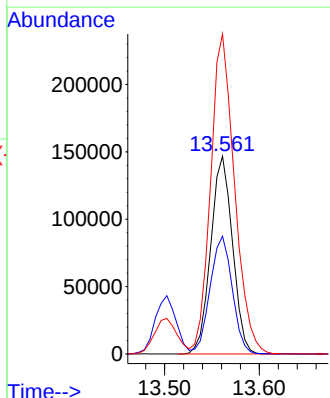
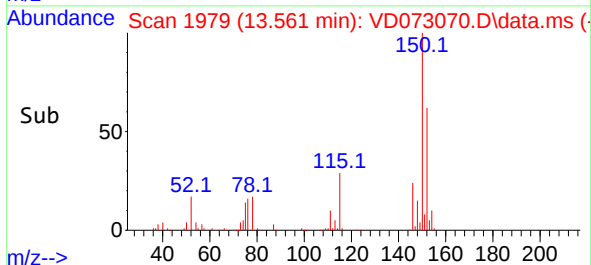
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

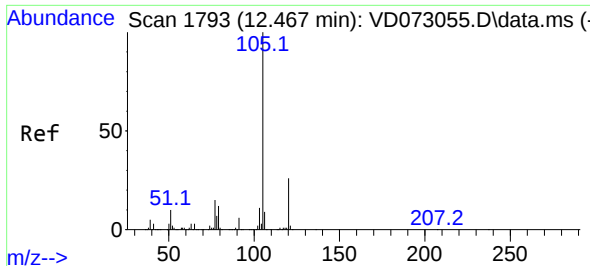


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



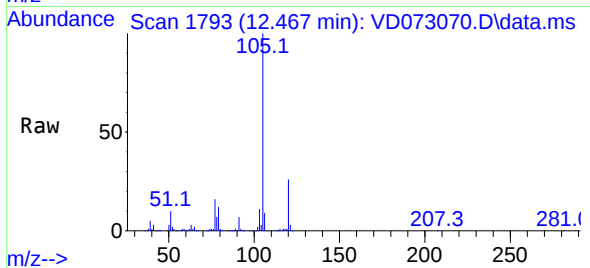
Tgt Ion:152 Resp: 234439
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 177.6 0.0 348.6





#73
Isopropylbenzene
Concen: 53.258 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

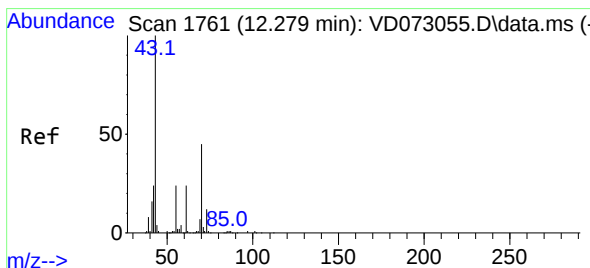
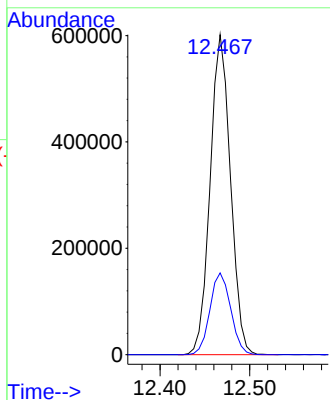
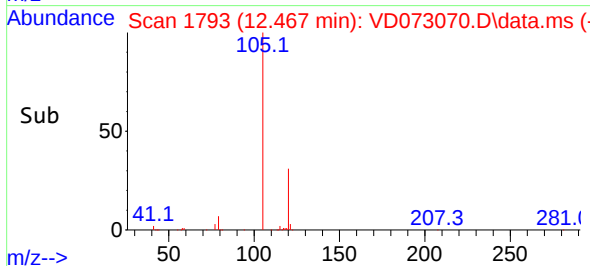
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



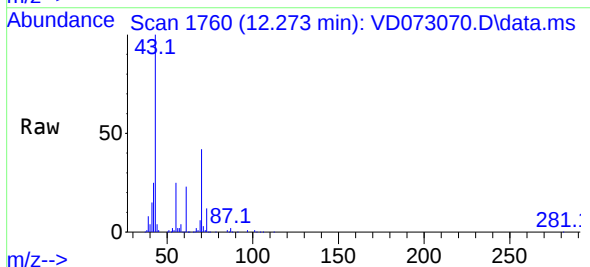
Tgt Ion:105 Resp: 946412
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

Manual Integrations
APPROVED

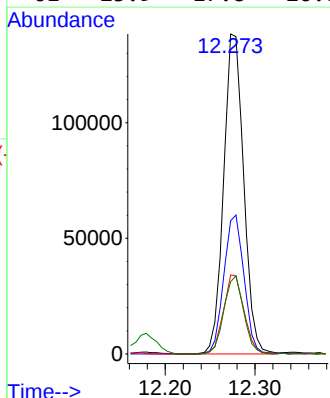
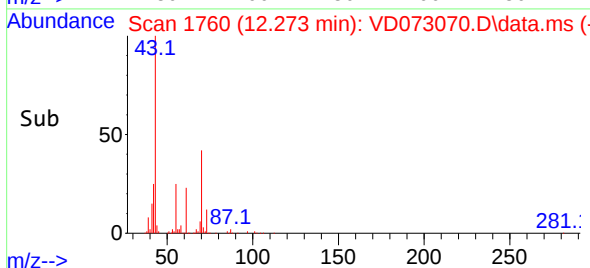
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

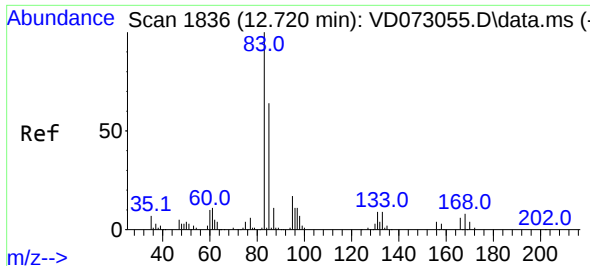


#74
N-ethyl acetate
Concen: 51.798 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



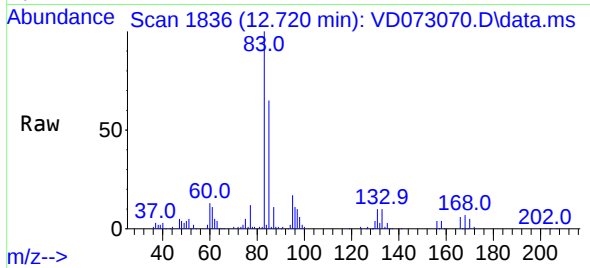
Tgt Ion: 43 Resp: 215109
Ion Ratio Lower Upper
43 100
70 43.8 31.3 46.9
55 25.4 20.0 30.0
61 23.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.490 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

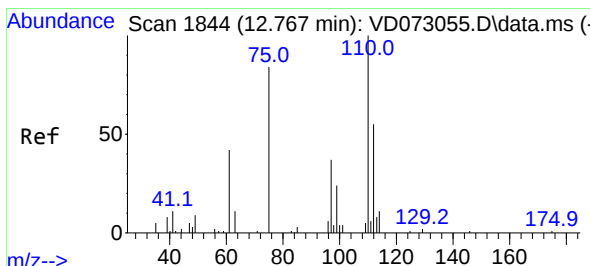
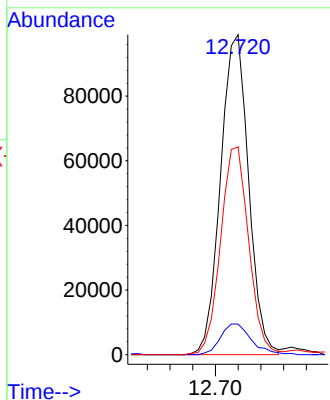
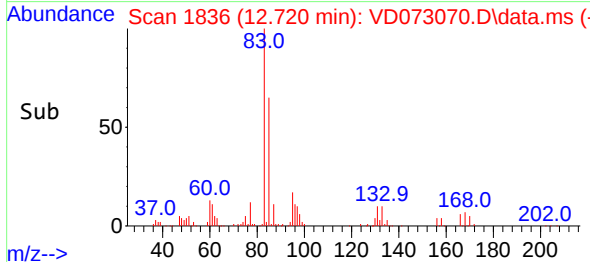
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



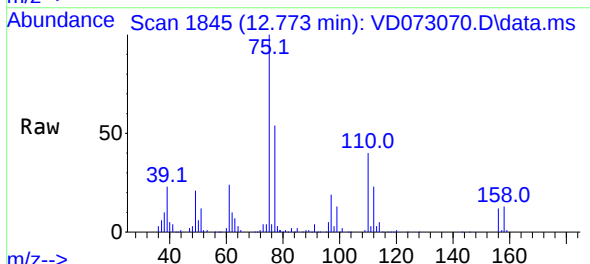
Tgt Ion: 83 Resp: 16987
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 65.2 32.6 98.0

Manual Integrations
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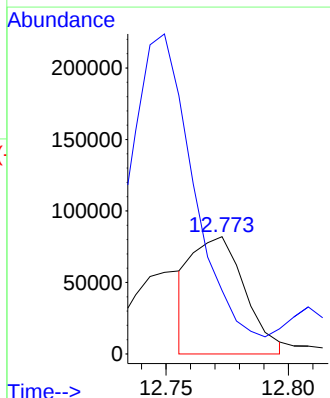
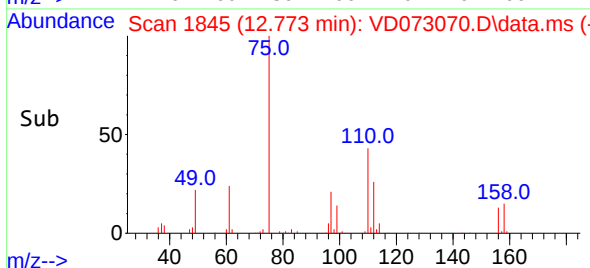
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

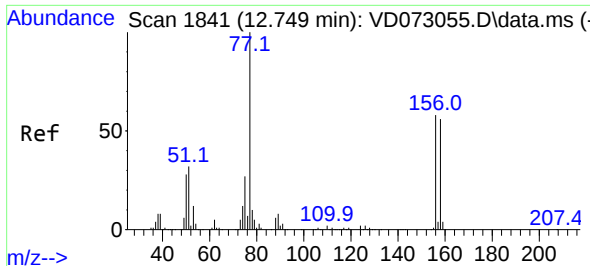


#76
1,2,3-Trichloropropane
Concen: 46.580 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



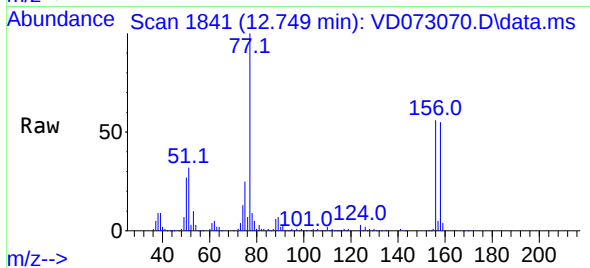
Tgt Ion: 75 Resp: 123445
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.939 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

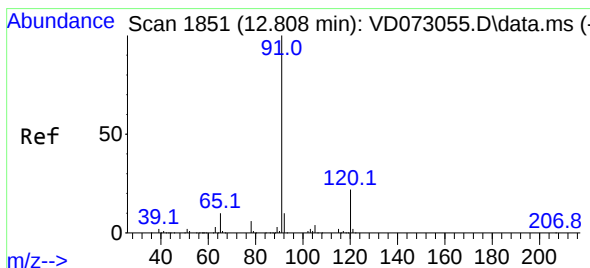
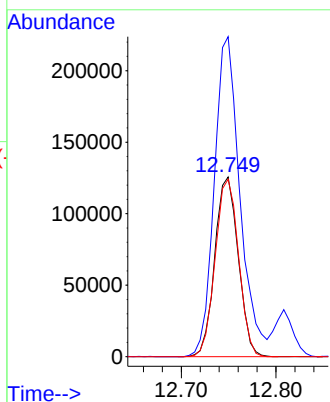
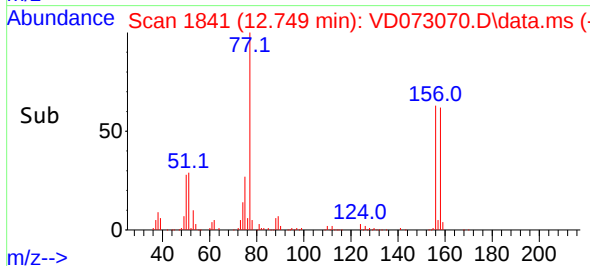
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



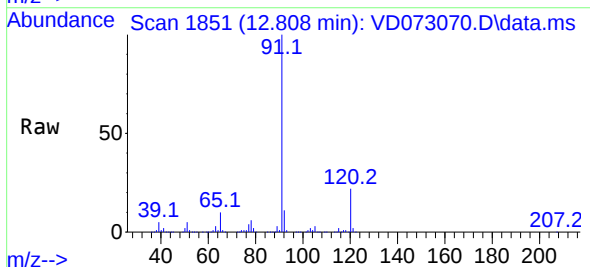
Tgt Ion:156 Resp: 21598
Ion Ratio Lower Upper
156 100
77 195.0 102.8 308.3
158 98.6 48.7 146.1

Manual Integrations
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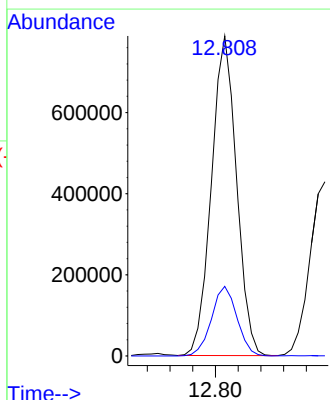
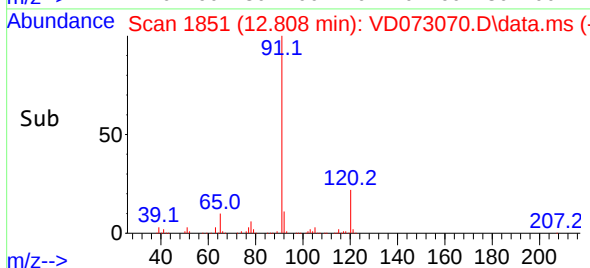
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

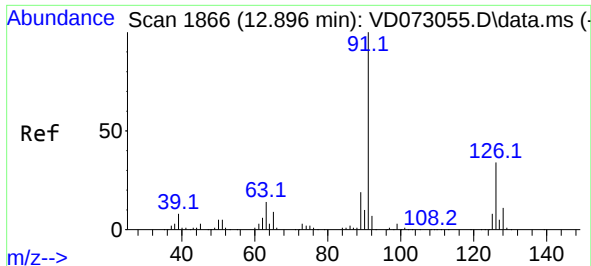


#78
n-propylbenzene
Concen: 54.134 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion: 91 Resp: 1208038
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





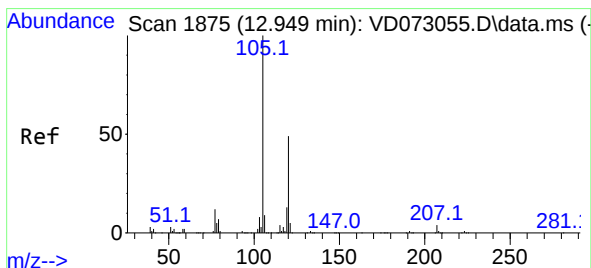
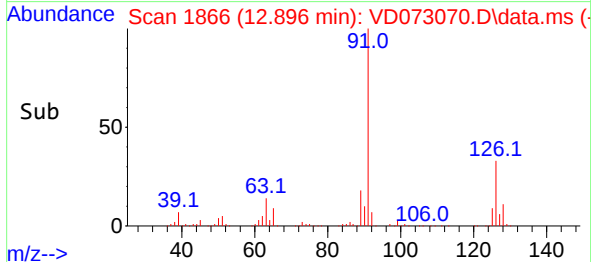
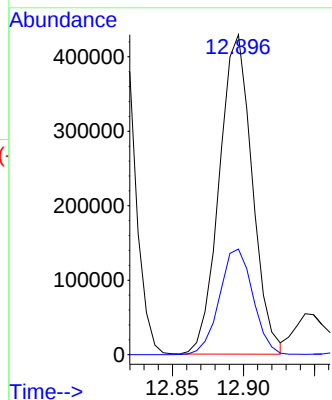
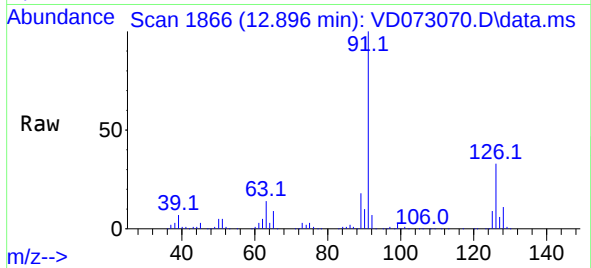
#79
2-Chlorotoluene
Concen: 53.251 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 69227
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

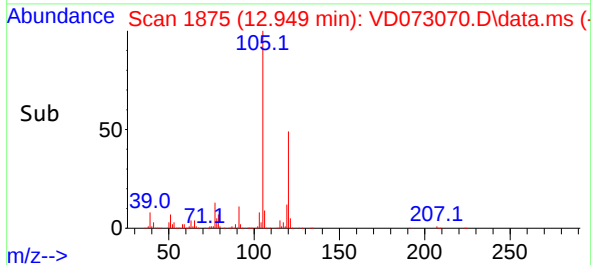
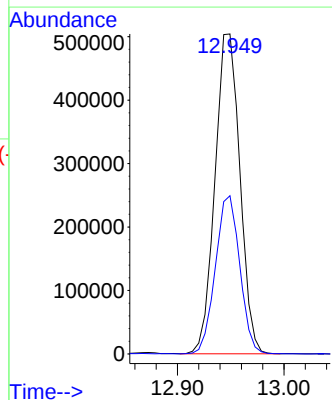
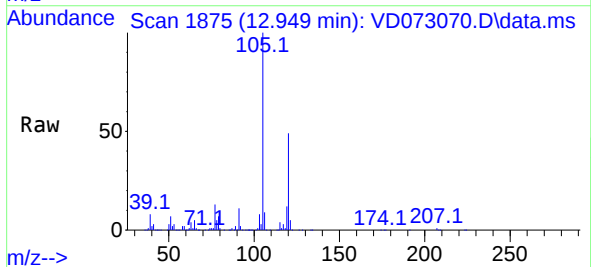
Manual Integrations
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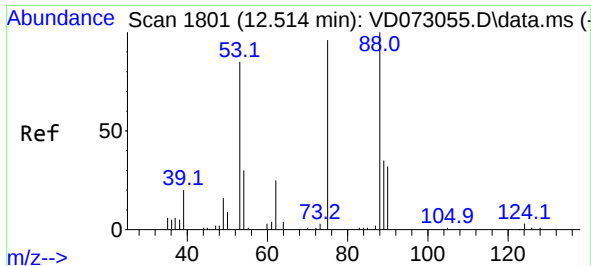
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.123 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

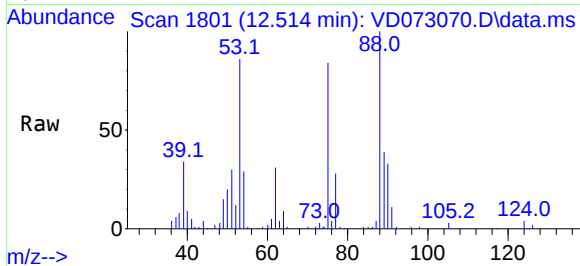
Tgt Ion:105 Resp: 819357
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.205 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

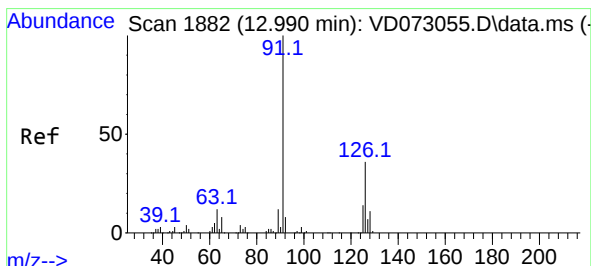
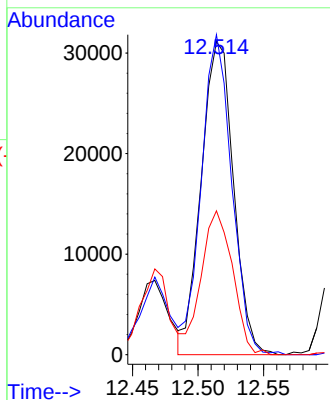
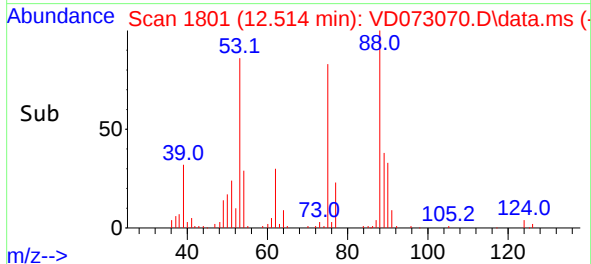
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



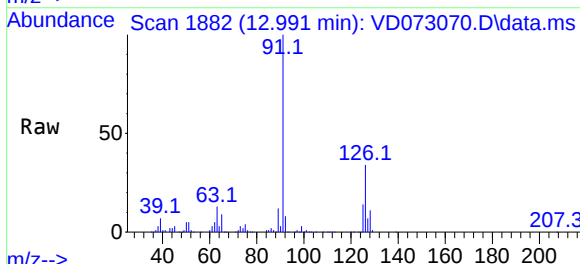
Tgt Ion: 75 Resp: 53279
Ion Ratio Lower Upper
75 100
53 96.3 86.5 129.7
89 45.3 33.9 50.9

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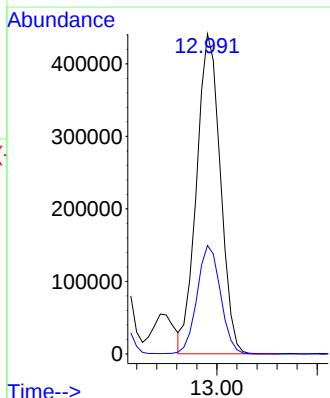
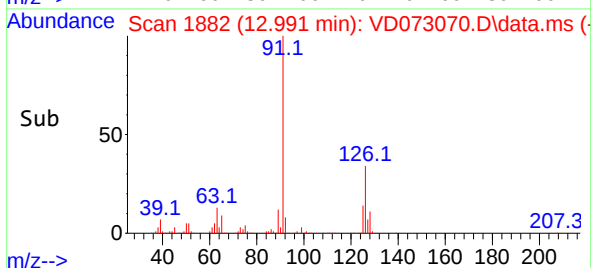
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

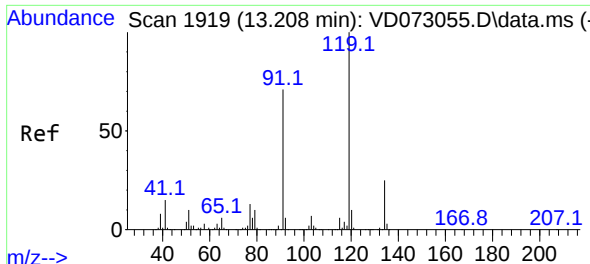


#82
4-Chlorotoluene
Concen: 52.711 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



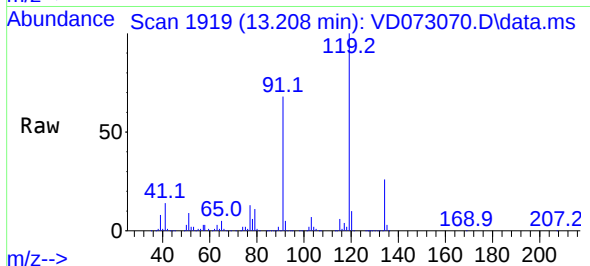
Tgt Ion: 91 Resp: 725234
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5





#83
tert-Butylbenzene
Concen: 51.948 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

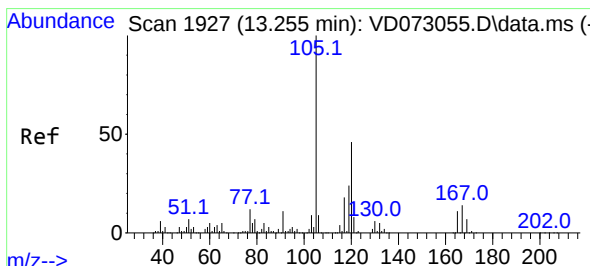
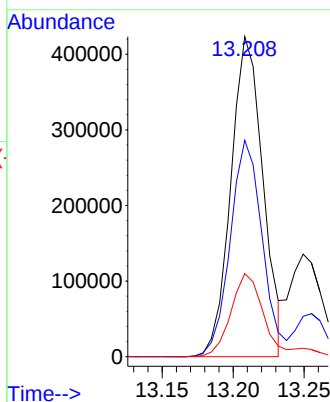
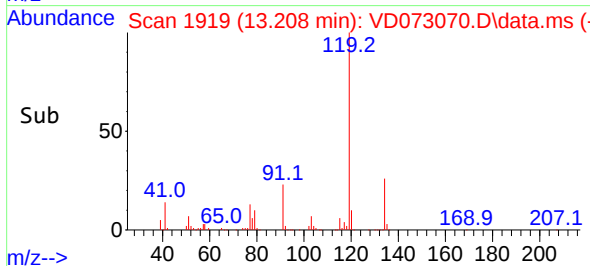
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



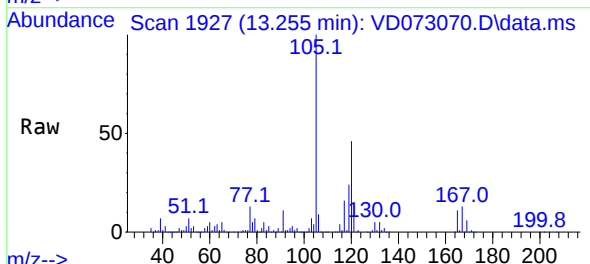
Tgt Ion:119 Resp: 66613
Ion Ratio Lower Upper
119 100
91 67.5 34.8 104.5
134 27.9 13.3 39.9

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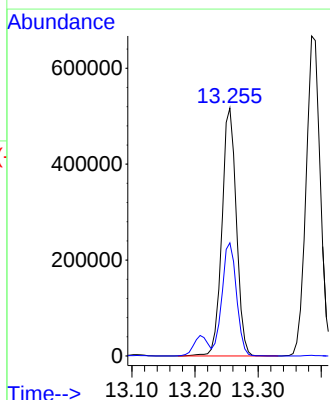
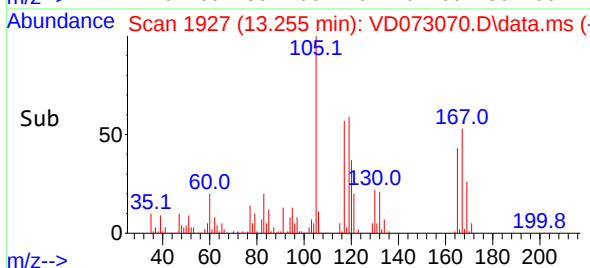
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

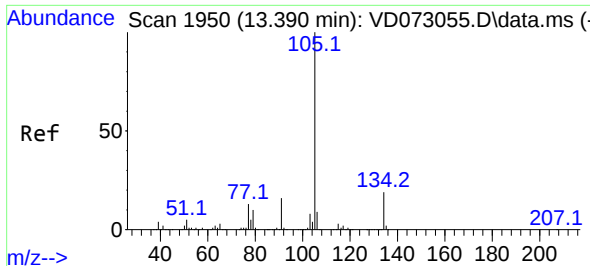


#84
1,2,4-Trimethylbenzene
Concen: 54.409 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion:105 Resp: 819482
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





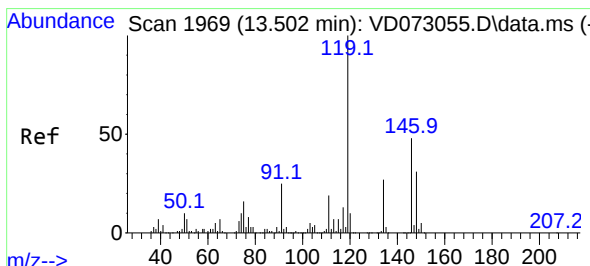
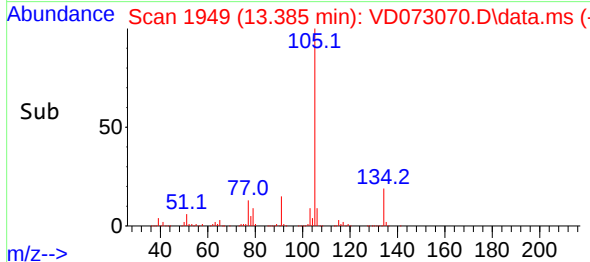
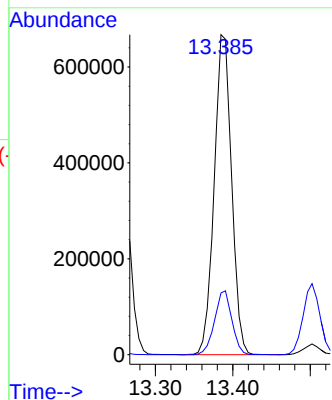
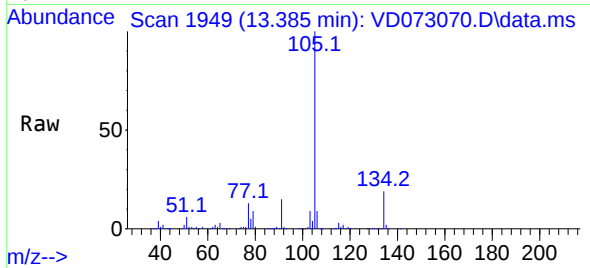
#85
 sec-Butylbenzene
 Concen: 53.633 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073070.D
 Acq: 17 May 2022 21:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 104393
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

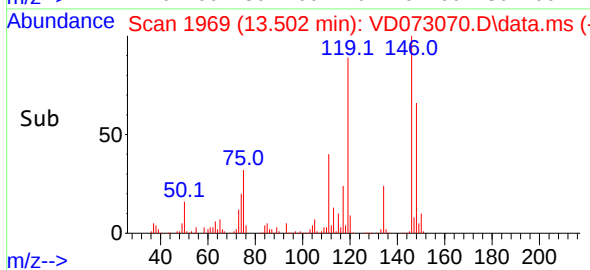
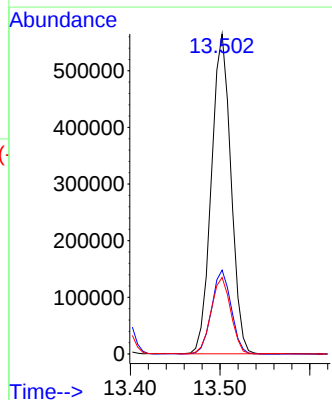
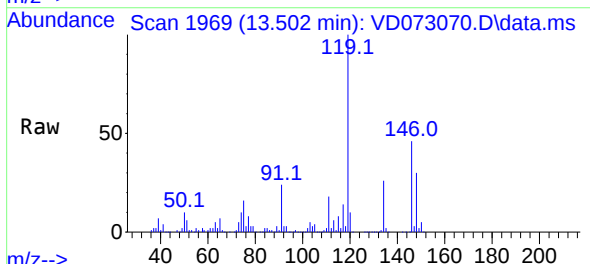
Manual Integrations
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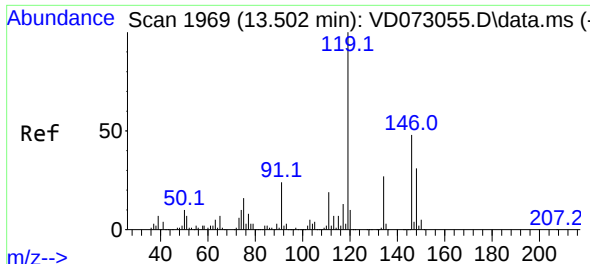
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#86
 p-Isopropyltoluene
 Concen: 53.895 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073070.D
 Acq: 17 May 2022 21:59

Tgt Ion:119 Resp: 853280
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.0 12.1 36.3





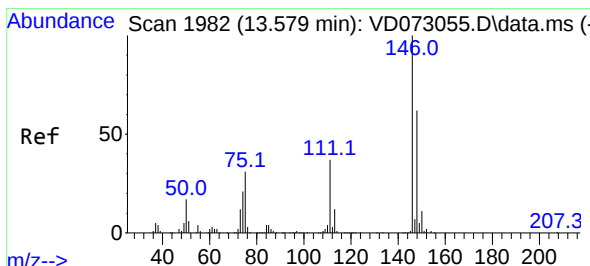
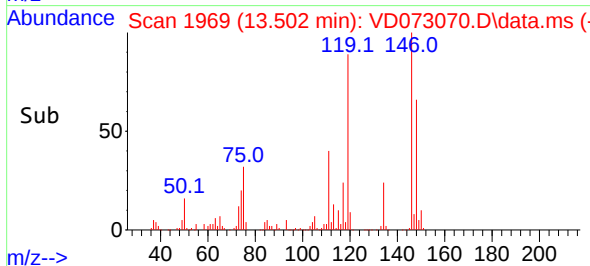
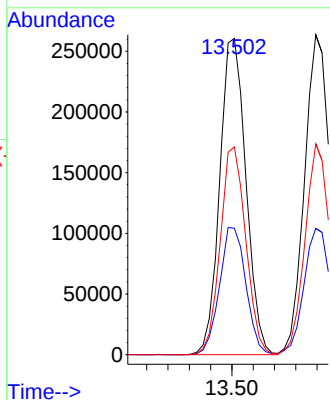
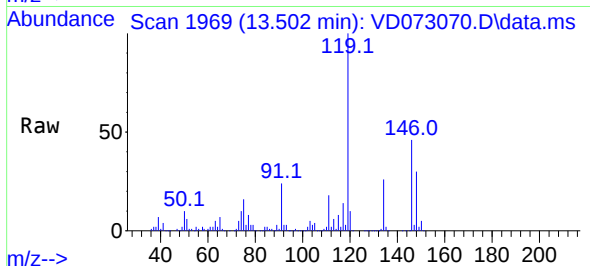
#87
1,3-Dichlorobenzene
Concen: 51.079 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 445130
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 64.0 31.9 95.7

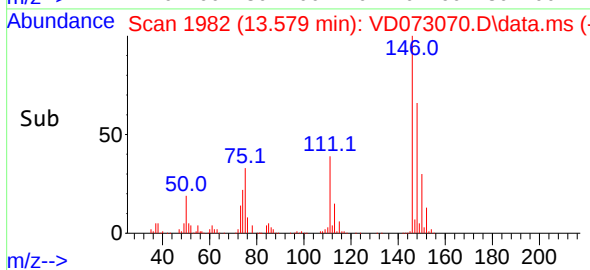
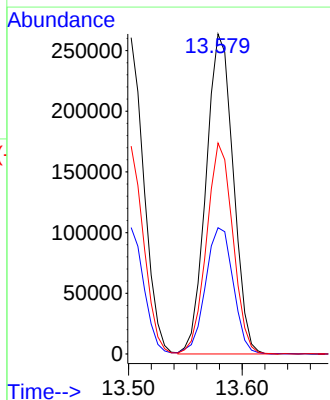
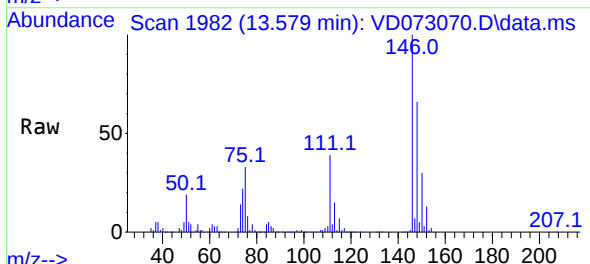
Manual Integrations
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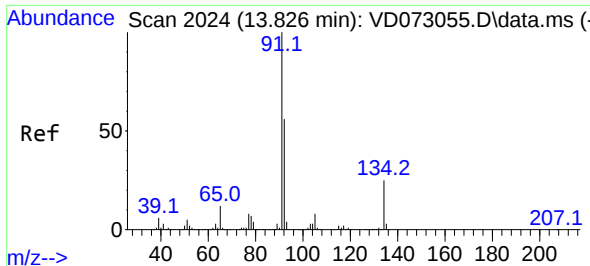
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#88
1,4-Dichlorobenzene
Concen: 50.979 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Tgt Ion:146 Resp: 439013
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 63.9 31.7 95.1





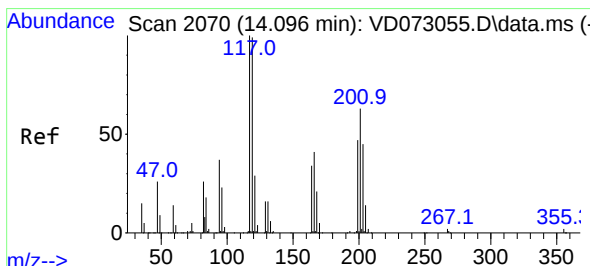
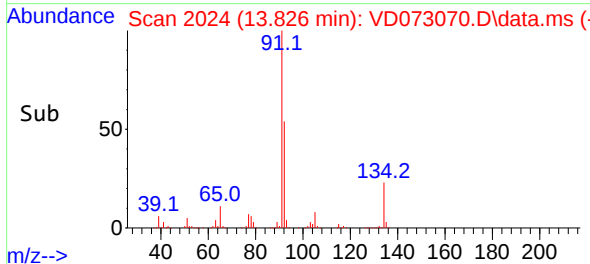
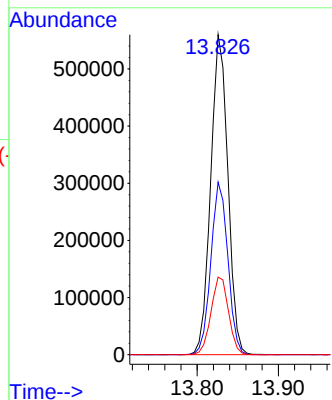
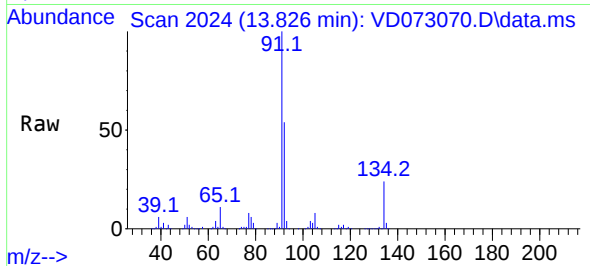
#89
n-Butylbenzene
Concen: 53.339 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 821260
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 24.8 12.3 36.9

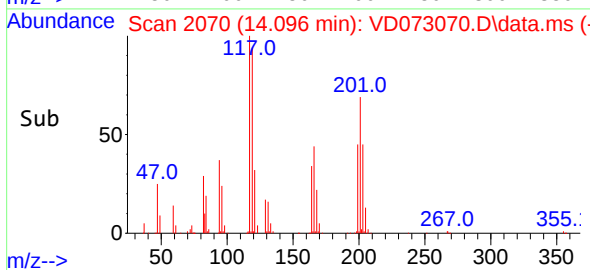
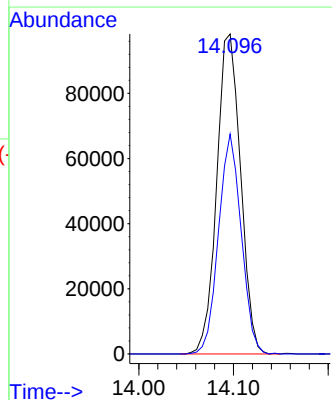
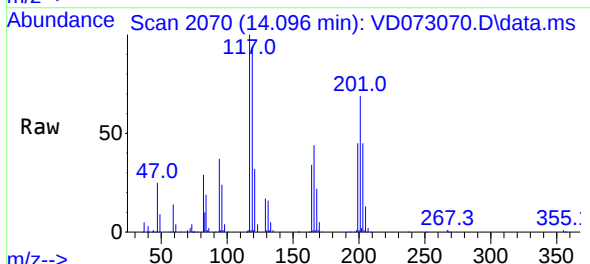
Manual Integrations
APPROVED

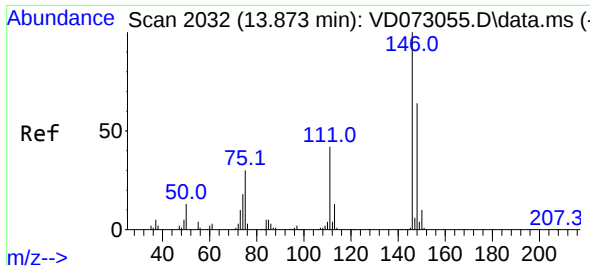
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 52.279 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Tgt Ion:117 Resp: 171985
Ion Ratio Lower Upper
117 100
201 65.3 33.4 100.2





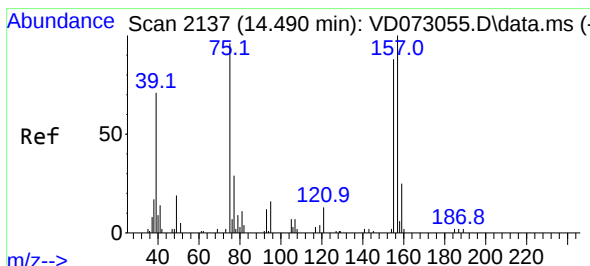
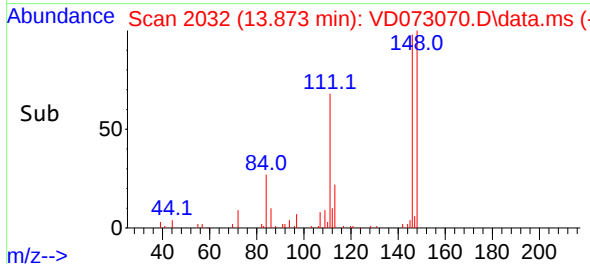
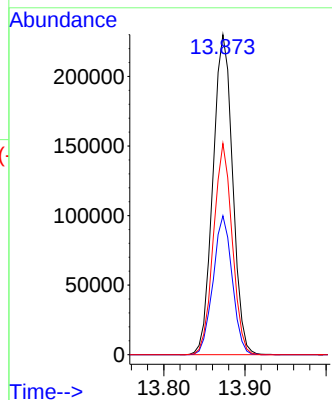
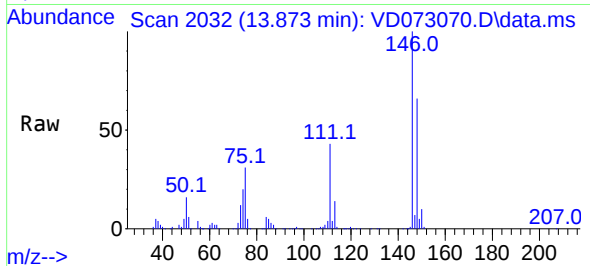
#91
1,2-Dichlorobenzene
Concen: 51.352 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 38814
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 62.7 31.7 95.1

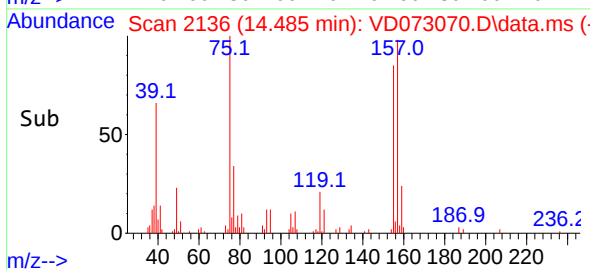
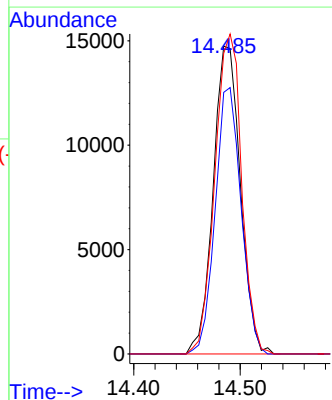
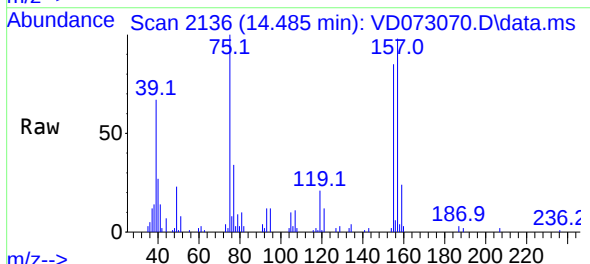
Manual Integrations
APPROVED

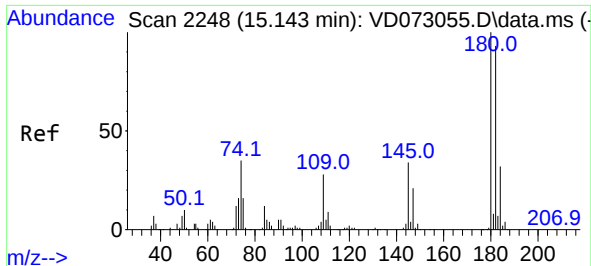
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.922 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

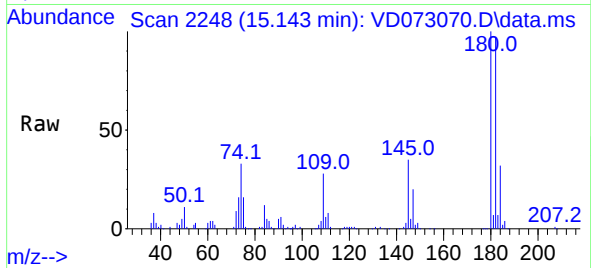
Tgt Ion: 75 Resp: 26096
Ion Ratio Lower Upper
75 100
155 82.6 36.8 110.3
157 102.6 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 52.689 ug/l
RT: 15.143 min Scan# 2148
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

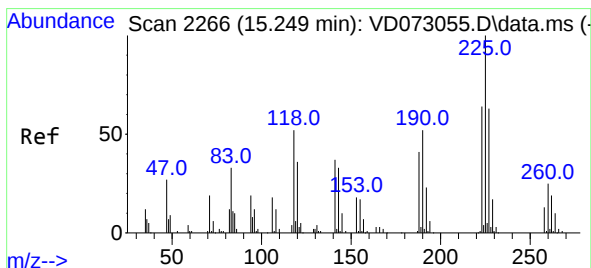
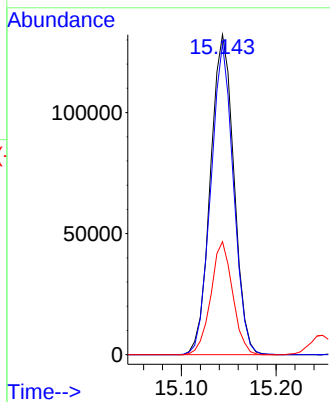
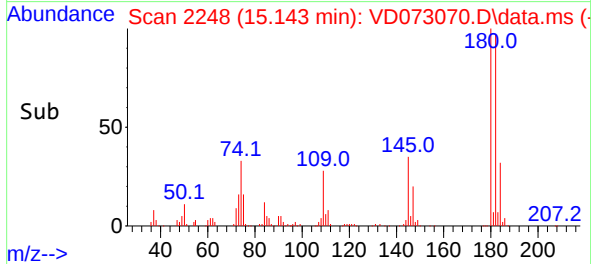
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



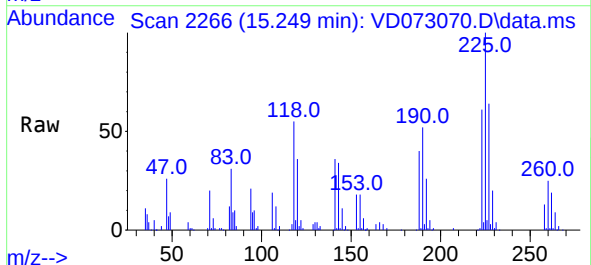
Tgt Ion:180 Resp: 227225
Ion Ratio Lower Upper
180 100
182 93.6 47.3 142.0
145 32.9 16.2 48.5

Manual Integrations
APPROVED

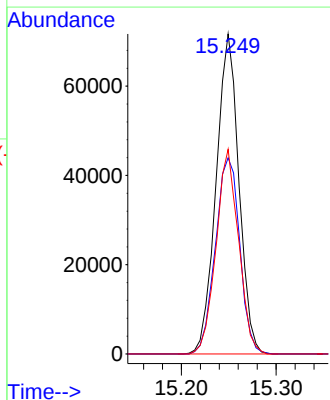
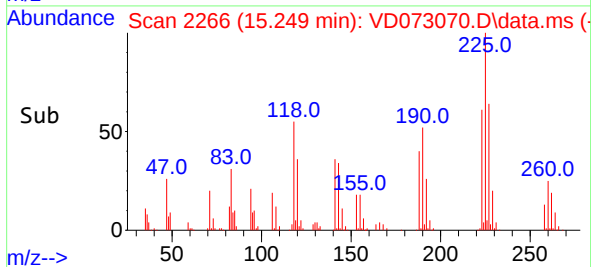
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

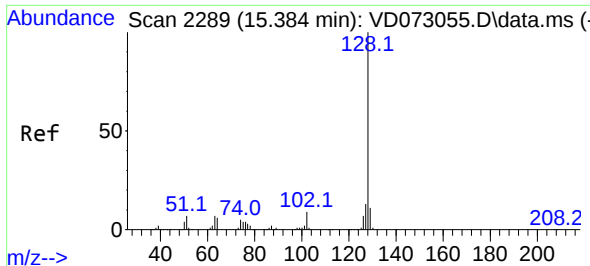


#94
Hexachlorobutadiene
Concen: 49.740 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59



Tgt Ion:225 Resp: 119733
Ion Ratio Lower Upper
225 100
223 65.4 31.1 93.2
227 63.1 32.4 97.0





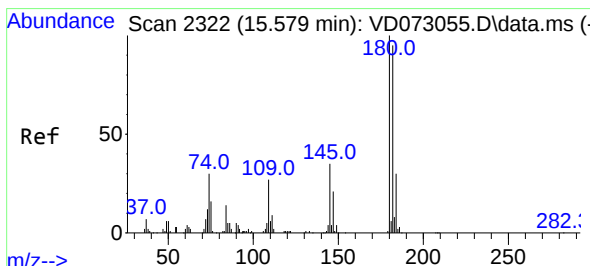
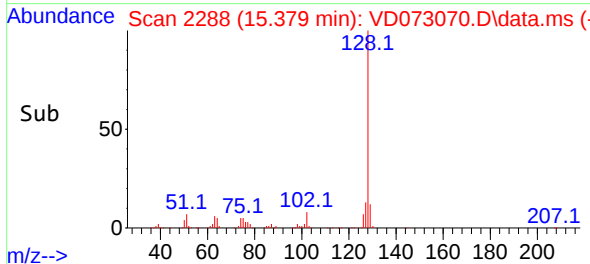
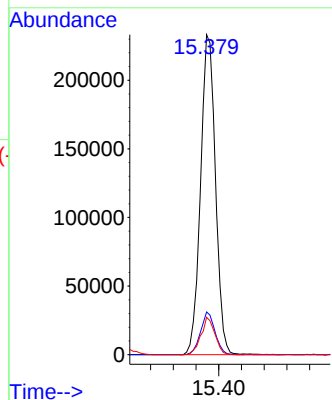
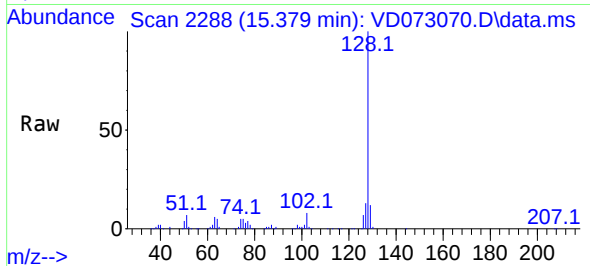
#95
Naphthalene
Concen: 46.832 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 42505
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.675 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073070.D
Acq: 17 May 2022 21:59

Tgt Ion:180 Resp: 197854
Ion Ratio Lower Upper
180 100
182 96.8 47.6 142.9
145 34.7 17.1 51.3

