

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073057.D
 Acq On : 17 May 2022 12:39
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: May 18 04:47:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:27:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	306465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	513051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	516276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	565562	147.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 295.140%#	
35) Dibromofluoromethane	7.908	113	538765	149.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 299.140%#	
50) Toluene-d8	10.332	98	2045492	156.526	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 313.060%#	
62) 4-Bromofluorobenzene	12.620	95	748805	158.203	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 316.400%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	515294	134.464	ug/l	99
3) Chloromethane	2.209	50	567845	143.733	ug/l	100
4) Vinyl Chloride	2.344	62	527462	145.170	ug/l	98
5) Bromomethane	2.738	94	340464	131.929	ug/l	95
6) Chloroethane	2.903	64	325938	144.054	ug/l	98
7) Trichlorofluoromethane	3.262	101	967098	145.448	ug/l	97
8) Diethyl Ether	3.709	74	305821	168.088	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	571617	145.174	ug/l	96
10) Methyl Iodide	4.297	142	721852	181.497	ug/l	98
11) Tert butyl alcohol	5.214	59	233121	393.248	ug/l	96
12) 1,1-Dichloroethene	4.062	96	549619	154.363	ug/l	91
13) Acrolein	3.920	56	282224	878.933	ug/l	98
14) Allyl chloride	4.709	41	931512	165.130	ug/l	92
15) Acrylonitrile	5.409	53	713625	818.381	ug/l	97
16) Acetone	4.156	43	518703	747.884	ug/l	93
17) Carbon Disulfide	4.403	76	1766046	148.093	ug/l	98
18) Methyl Acetate	4.709	43	324259	148.091	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	1417746	170.263	ug/l	100
20) Methylene Chloride	4.956	84	657704	130.657	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	651745	153.882	ug/l	93
22) Diisopropyl ether	6.361	45	1987118	164.114	ug/l #	91
23) Vinyl Acetate	6.297	43	5713430	873.459	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	1139353	151.251	ug/l	99
25) 2-Butanone	7.203	43	842630	802.330	ug/l	92
26) 2,2-Dichloropropane	7.203	77	977846	153.327	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	732739	156.883	ug/l	93
28) Bromochloromethane	7.544	49	409796	158.813	ug/l #	83
29) Tetrahydrofuran	7.555	42	573913	849.246	ug/l	92
30) Chloroform	7.702	83	1200620	148.960	ug/l	98
31) Cyclohexane	7.979	56	1054068	152.687	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	1041161	150.780	ug/l	96
36) 1,1-Dichloropropene	8.108	75	907350	154.590	ug/l	96
37) Ethyl Acetate	7.291	43	406458	164.892	ug/l #	95
38) Carbon Tetrachloride	8.091	117	925524	154.127	ug/l	99
39) Methylcyclohexane	9.349	83	1165551	170.299	ug/l	98
40) Benzene	8.344	78	2599960	154.919	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	239631	172.399	ug/l	93
42) 1,2-Dichloroethane	8.420	62	744585	152.423	ug/l	96
43) Isopropyl Acetate	8.444	43	785690	171.439	ug/l #	96
44) Trichloroethene	9.108	130	701725	154.583	ug/l	95
45) 1,2-Dichloropropane	9.379	63	668325	153.344	ug/l	98
46) Dibromomethane	9.467	93	370536	153.752	ug/l	97
47) Bromodichloromethane	9.655	83	932374	152.327	ug/l	99
48) Methyl methacrylate	9.449	41	406054	178.624	ug/l	91
49) 1,4-Dioxane	9.455	88	82012	3268.669	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	1994210	833.826	ug/l	93
52) Toluene	10.396	92	1698921	159.447	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	932523	167.047	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	1064369	161.713	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	505249	153.598	ug/l	97
56) Ethyl methacrylate	10.649	69	673007	180.909	ug/l	88
57) 1,3-Dichloropropane	10.938	76	879063	157.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	1580999	936.225	ug/l	96
59) 2-Hexanone	10.973	43	1365714	864.429	ug/l	92
60) Dibromochloromethane	11.132	129	637049	155.883	ug/l	99
61) 1,2-Dibromoethane	11.238	107	502297	158.689	ug/l	98
64) Tetrachloroethene	10.867	164	561920	148.560	ug/l	97
65) Chlorobenzene	11.661	112	1805635	154.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	674651	150.870	ug/l	99
67) Ethyl Benzene	11.732	91	3294528	161.635	ug/l	99
68) m/p-Xylenes	11.843	106	2544607	322.120	ug/l	97
69) o-Xylene	12.167	106	1210932	166.225	ug/l	96
70) Styrene	12.185	104	2087154	164.032	ug/l	98
71) Bromoform	12.349	173	367182	155.957	ug/l #	100
73) Isopropylbenzene	12.467	105	3177064	169.244	ug/l	99
74) N-amyl acetate	12.279	43	767574	174.968	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	570305	154.104	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	408619m	144.227	ug/l	
77) Bromobenzene	12.749	156	711871	158.936	ug/l	96
78) n-propylbenzene	12.808	91	3877734	164.495	ug/l	98
79) 2-Chlorotoluene	12.896	91	2222010	161.802	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	2633104	164.649	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	195242	167.221	ug/l	89
82) 4-Chlorotoluene	12.990	91	2322638	159.804	ug/l	99
83) tert-Butylbenzene	13.208	119	2293101	169.282	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	2614984	164.355	ug/l	99
85) sec-Butylbenzene	13.390	105	3368338	163.816	ug/l	98
86) p-Isopropyltoluene	13.502	119	2772723	165.785	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1403522	152.460	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	1379228	151.612	ug/l	99
89) n-Butylbenzene	13.826	91	2685515	165.112	ug/l	98
90) Hexachloroethane	14.096	117	541090	155.700	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	1227574	153.743	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	90261	156.910	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	756846	166.132	ug/l	100
94) Hexachlorobutadiene	15.249	225	385898	151.757	ug/l	98
95) Naphthalene	15.384	128	1525745	184.885	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	665885	164.635	ug/l	99

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Instrument :
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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Wed May 18 04:27:31 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

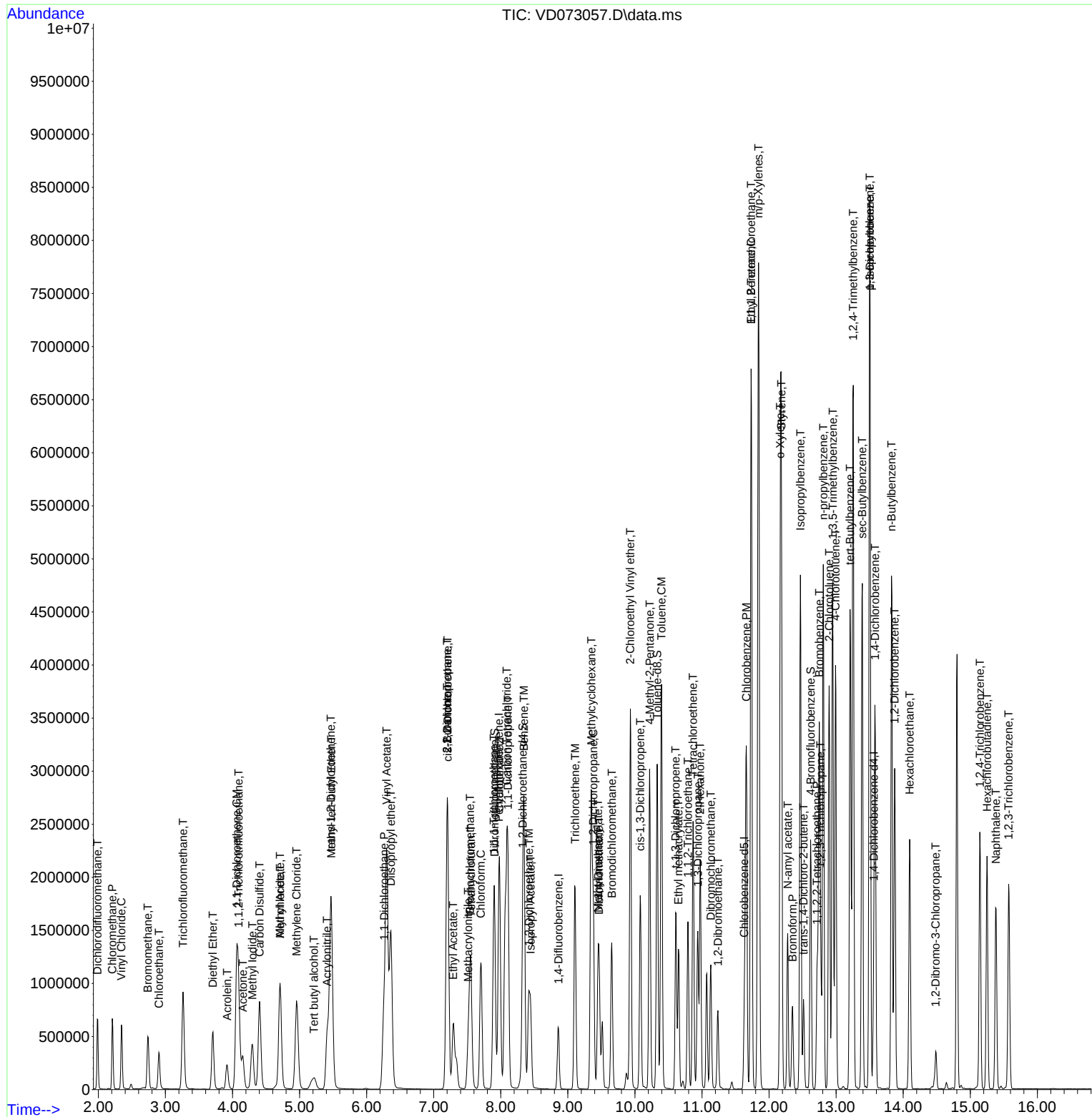
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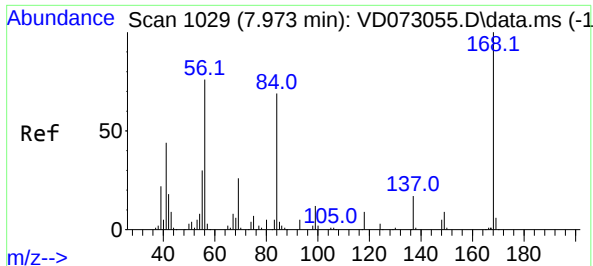
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ClientSampleId :
VSTDIC150

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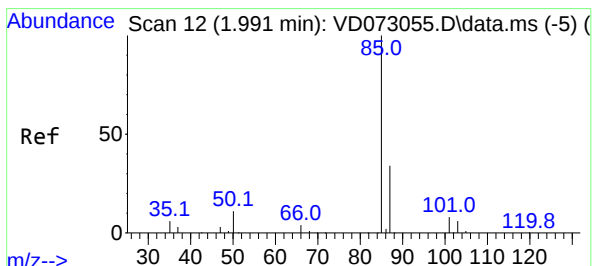
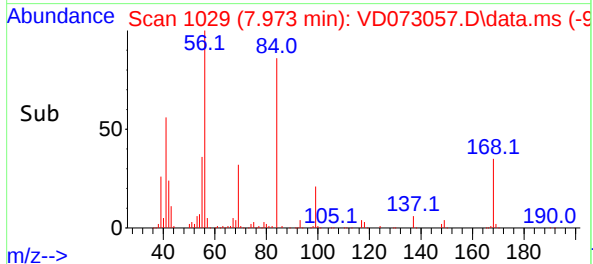
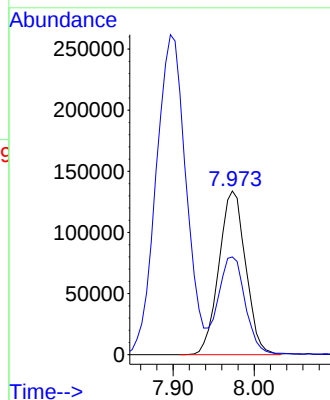
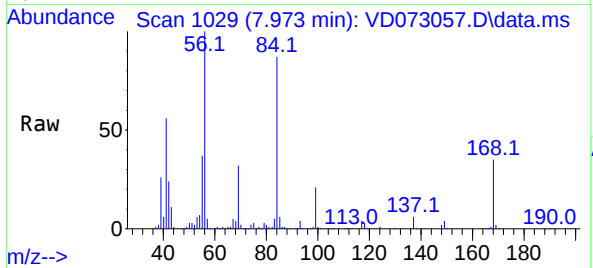
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 30646
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6

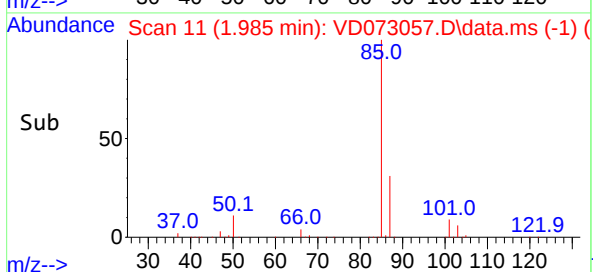
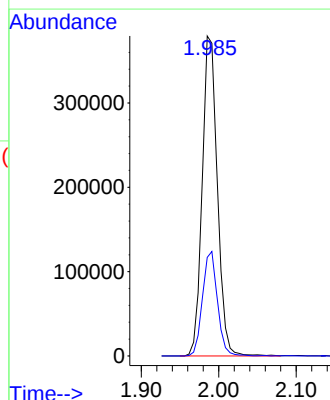
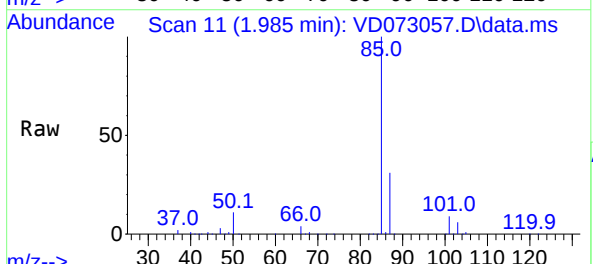
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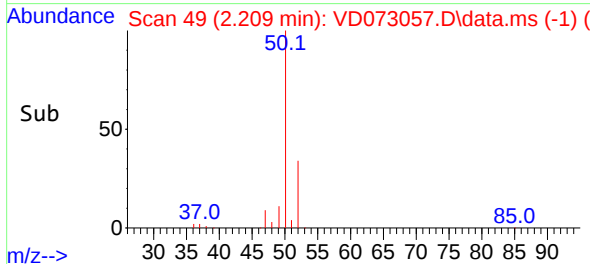
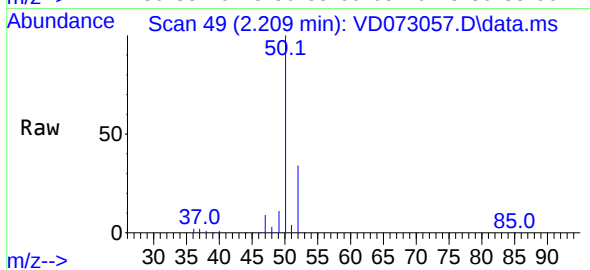
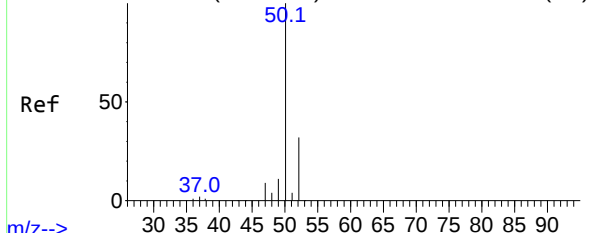


#2
Dichlorodifluoromethane
Concen: 134.464 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion: 85 Resp: 515294
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0



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



#3

Chloromethane

Concen: 143.733 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD073057.D

Acq: 17 May 2022 12:39

Tgt Ion: 50 Resp: 56784

Ion Ratio Lower Upper

50 100

52 34.0 27.4 41.0

Instrument :

MSVOA_D

ClientSampleId :

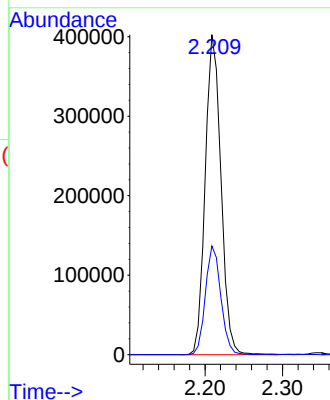
VSTDICC150

Manual Integrations

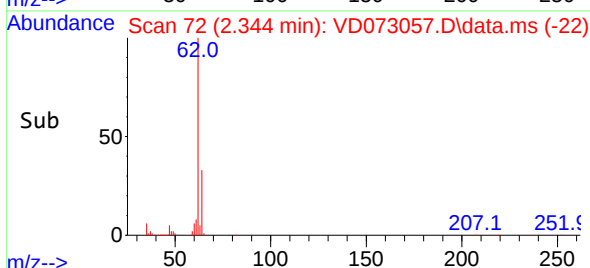
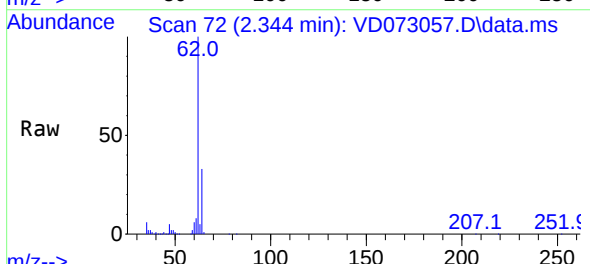
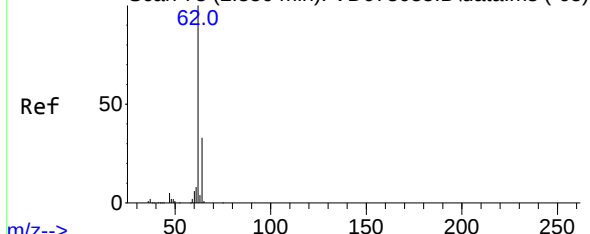
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Abundance Scan 73 (2.350 min): VD073055.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 145.170 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073057.D

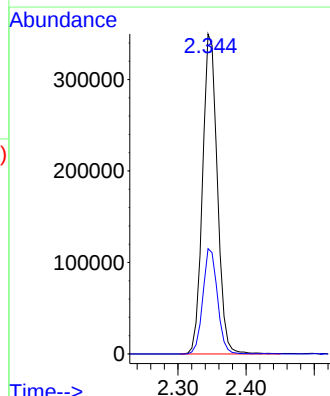
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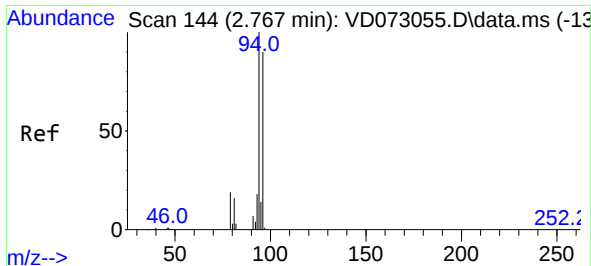
Tgt Ion: 62 Resp: 527462

Ion Ratio Lower Upper

62 100

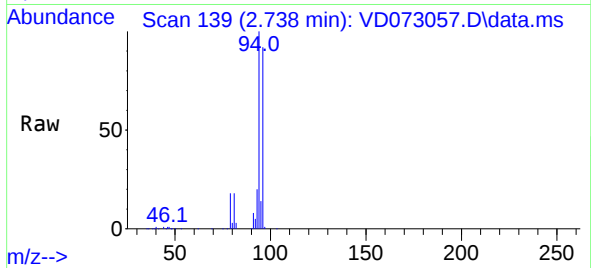
64 32.9 25.4 38.0





#5
Bromomethane
Concen: 131.929 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

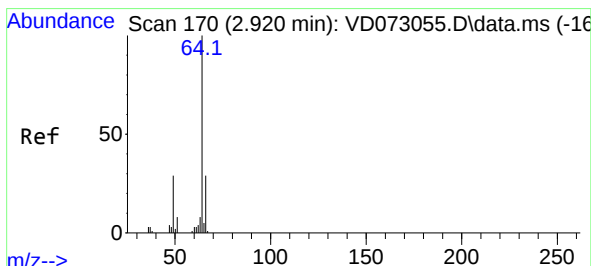
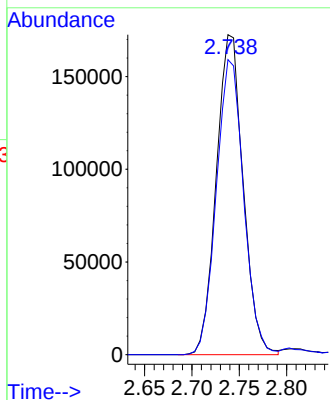
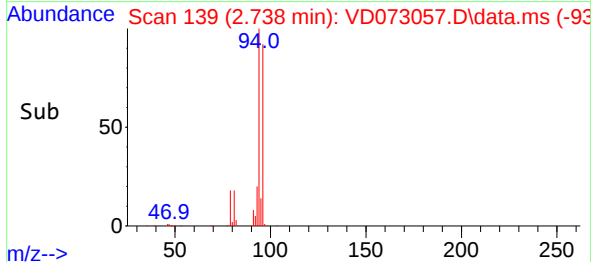
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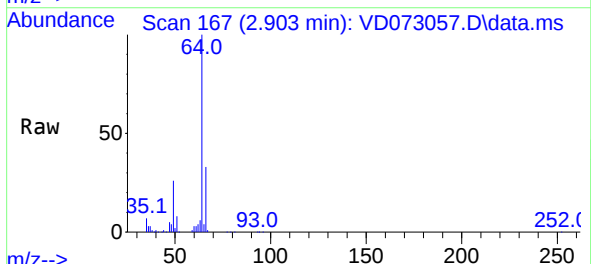
Tgt Ion: 94 Resp: 340464
Ion Ratio Lower Upper
94 100
96 92.2 77.6 116.4

Manual Integrations
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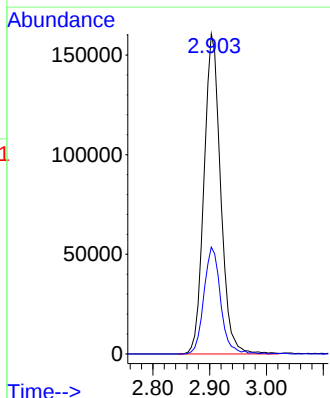
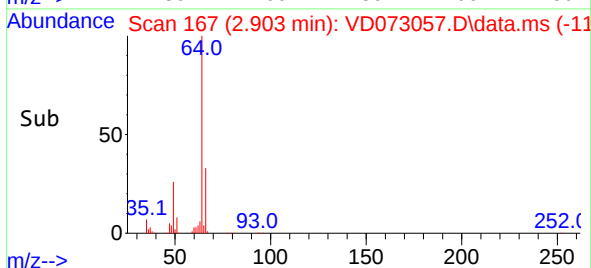
Reviewed By :John Carlone 05/18/2022
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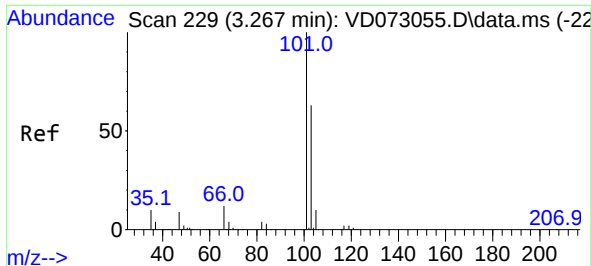


#6
Chloroethane
Concen: 144.054 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.018 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 64 Resp: 325938
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 145.448 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073057.D
 Acq: 17 May 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

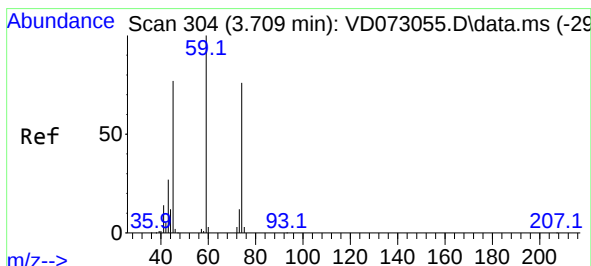
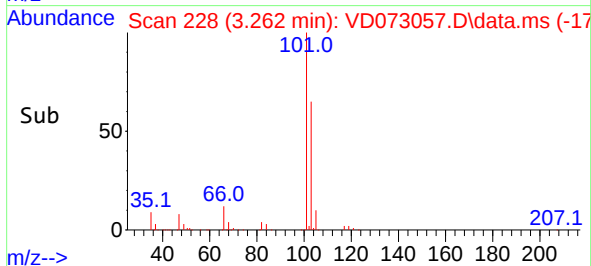
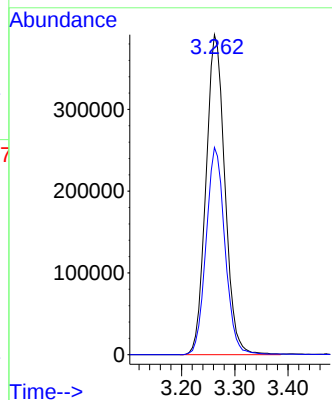
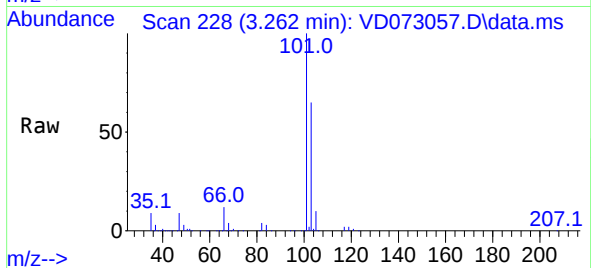
VSTDIC150

Tgt Ion:101 Resp: 967098
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.1 75.1

Manual Integrations

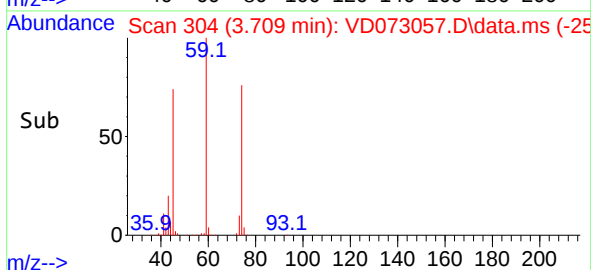
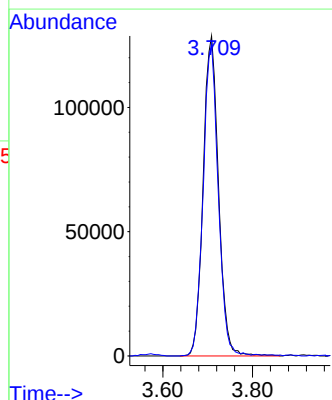
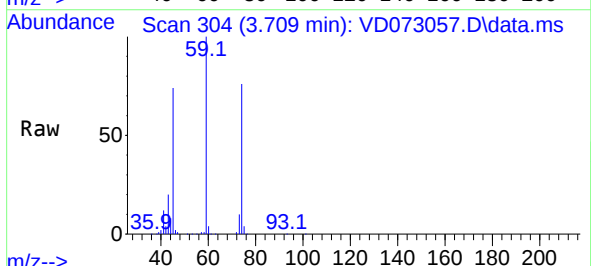
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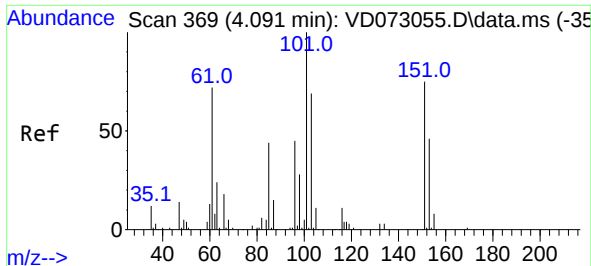
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#8
 Diethyl Ether
 Concen: 168.088 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073057.D
 Acq: 17 May 2022 12:39

Tgt Ion: 74 Resp: 305821
 Ion Ratio Lower Upper
 74 100
 45 95.5 52.6 157.8





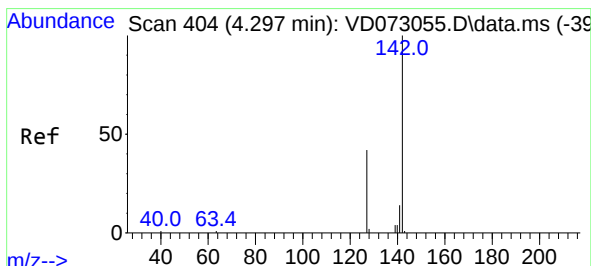
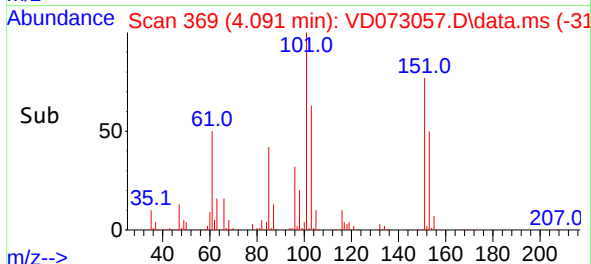
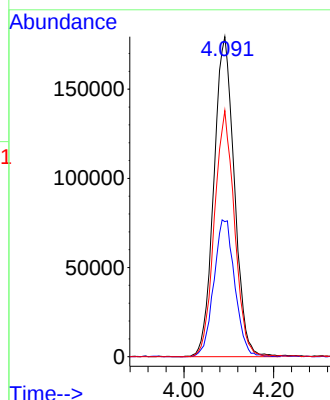
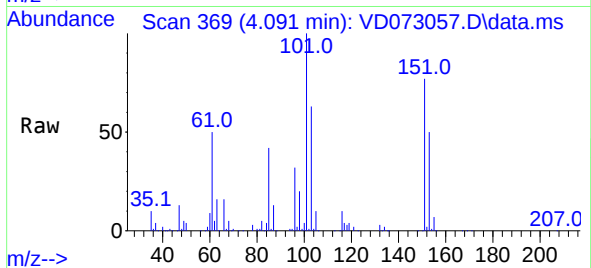
#9
1,1,2-Trichlorotrifluoroethane
Concen: 145.174 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 57161
Ion Ratio Lower Upper
101 100
85 43.8 36.4 54.6
151 75.4 57.3 85.9

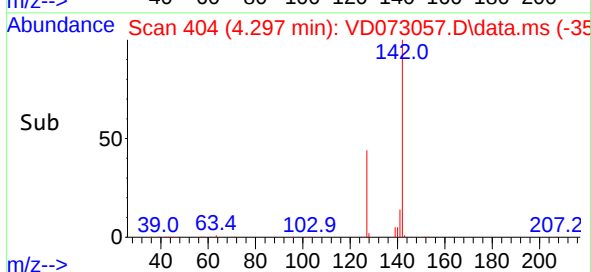
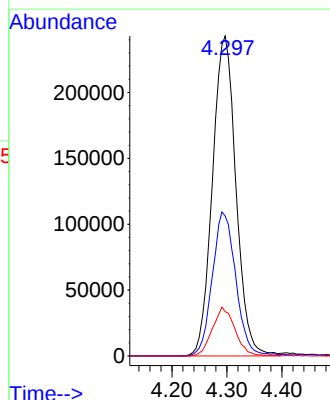
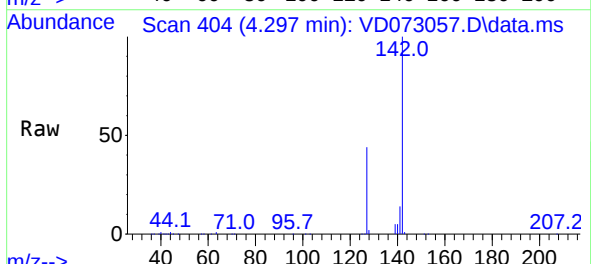
Manual Integrations
APPROVED

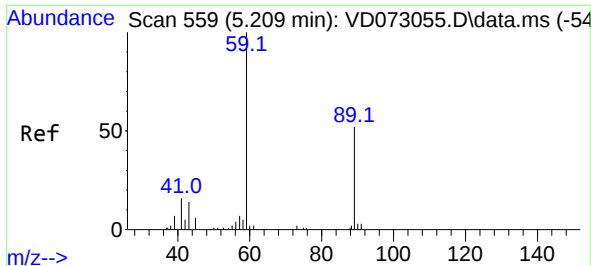
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 181.497 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

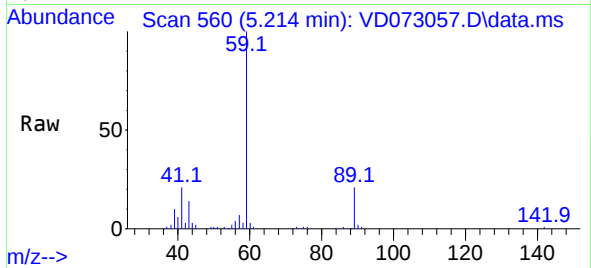
Tgt Ion:142 Resp: 721852
Ion Ratio Lower Upper
142 100
127 45.2 37.3 55.9
141 14.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 393.248 ug/l
RT: 5.214 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

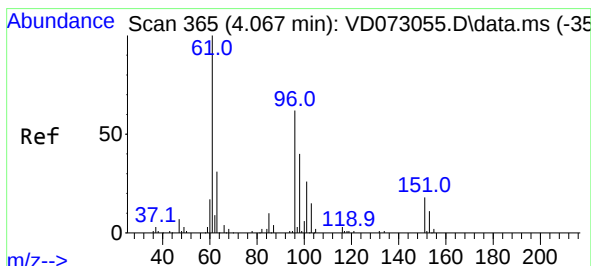
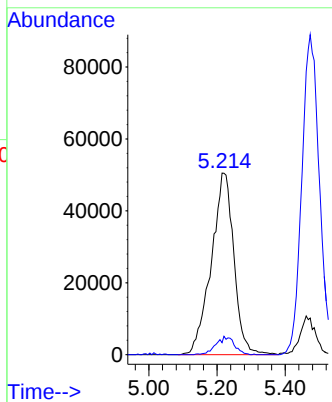
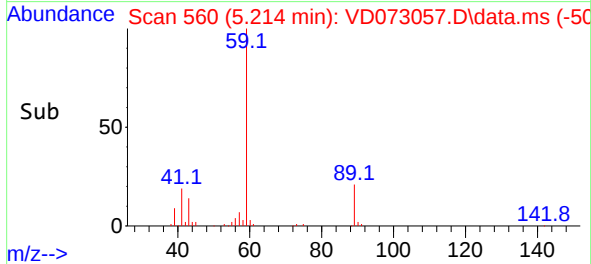
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



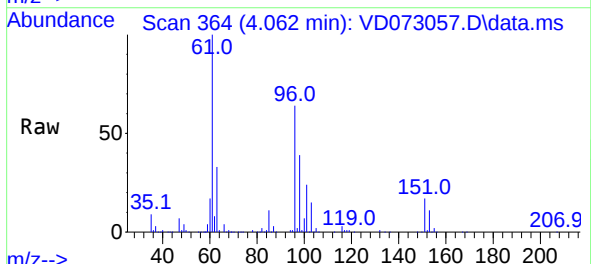
Tgt Ion: 59 Resp: 23312
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.6

Manual Integrations
APPROVED

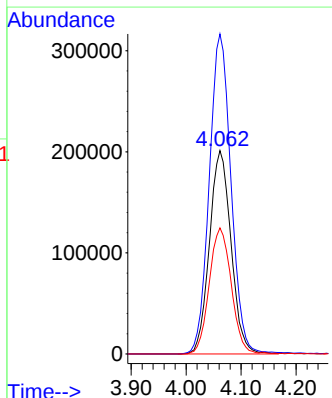
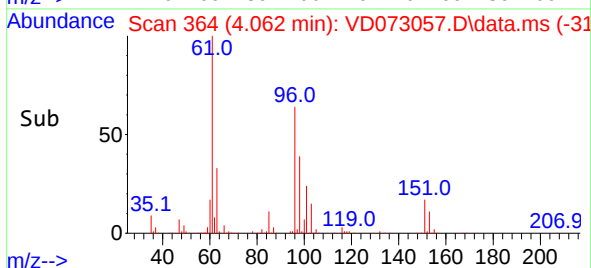
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

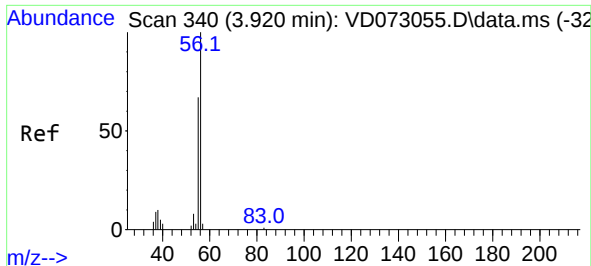


#12
1,1-Dichloroethene
Concen: 154.363 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



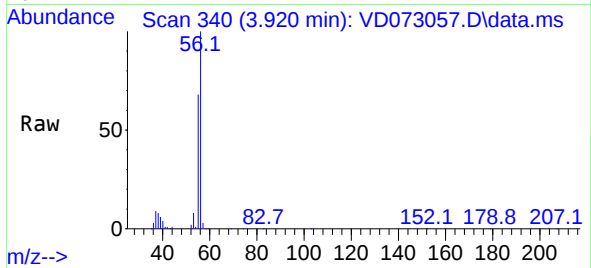
Tgt Ion: 96 Resp: 549619
Ion Ratio Lower Upper
96 100
61 157.3 138.5 207.7
98 62.0 48.6 73.0





#13
Acrolein
Concen: 878.933 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

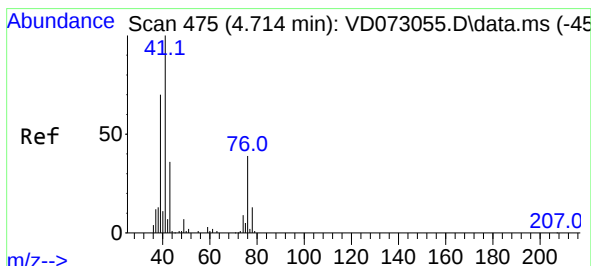
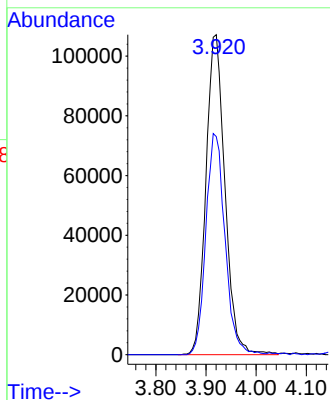
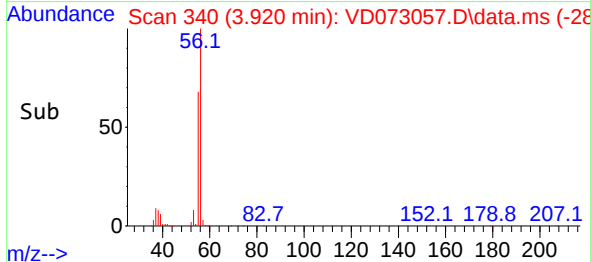
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



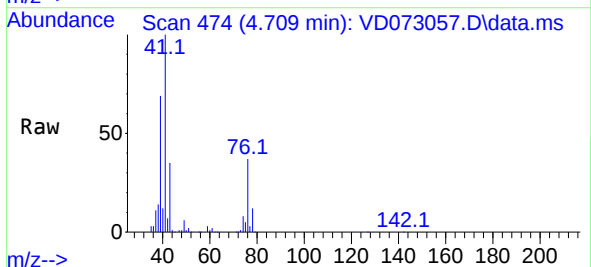
Tgt Ion: 56 Resp: 282224
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

Manual Integrations
APPROVED

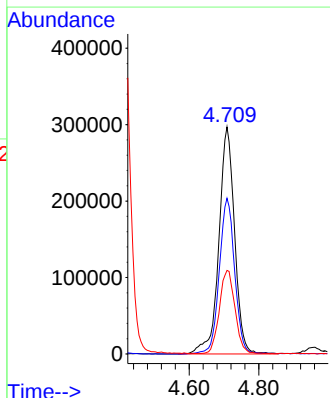
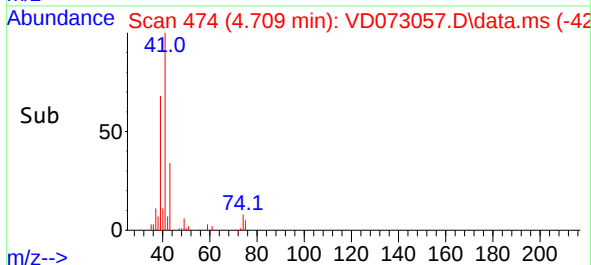
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

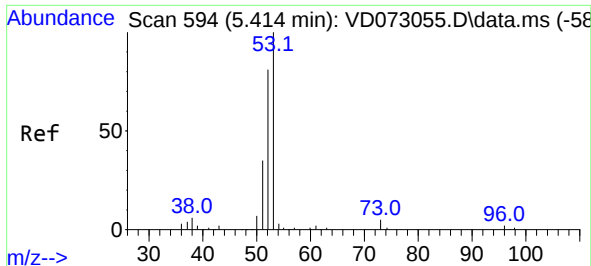


#14
Allyl chloride
Concen: 165.130 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



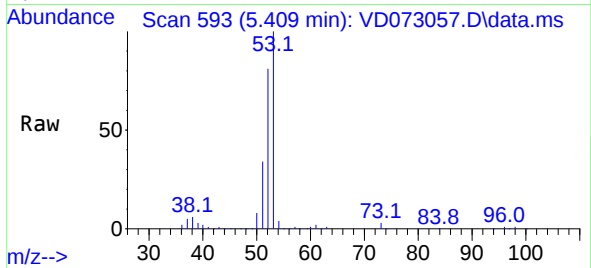
Tgt Ion: 41 Resp: 931512
Ion Ratio Lower Upper
41 100
39 67.0 59.3 88.9
76 36.2 25.7 38.5





#15
Acrylonitrile
Concen: 818.381 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

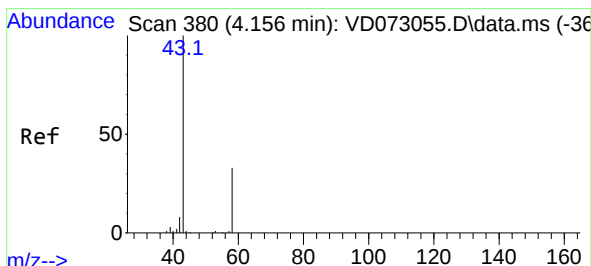
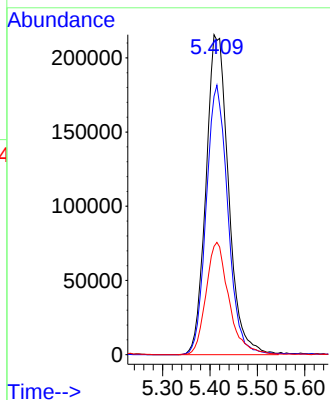
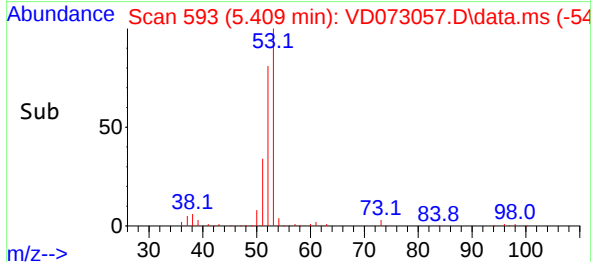
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 713629
Ion Ratio Lower Upper
53 100
52 81.2 67.2 100.8
51 35.9 30.3 45.5

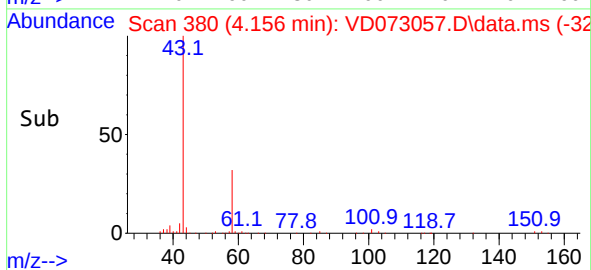
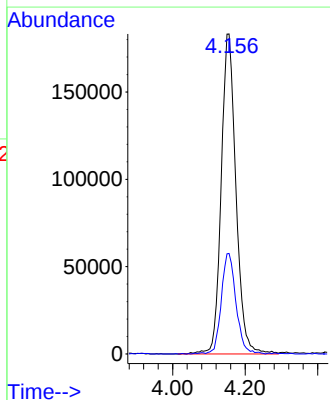
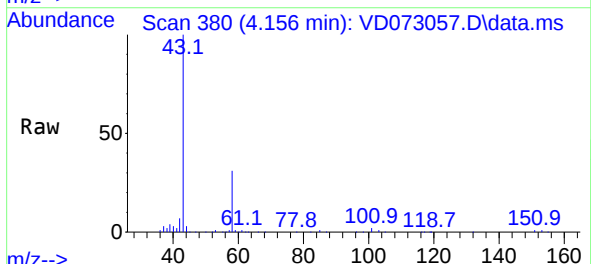
Manual Integrations
APPROVED

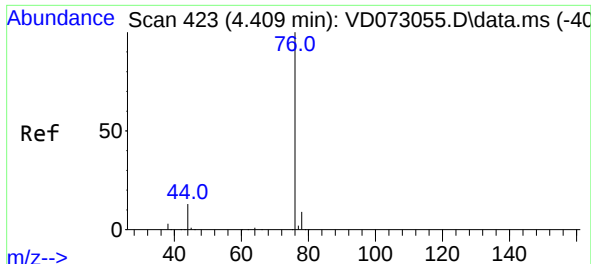
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 747.884 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

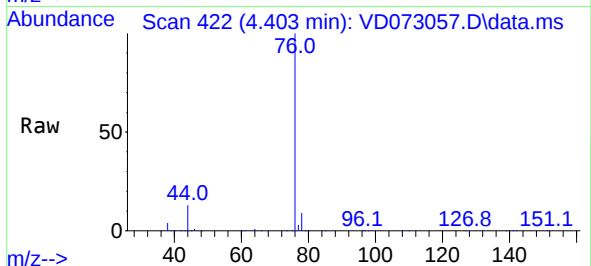
Tgt Ion: 43 Resp: 518703
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1





#17
Carbon Disulfide
Concen: 148.093 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

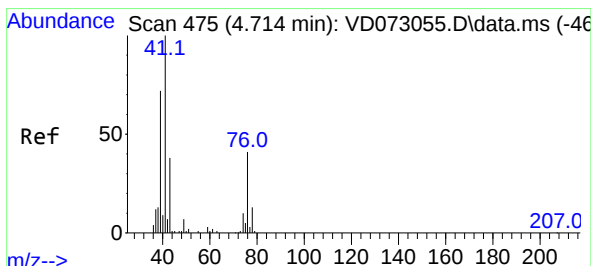
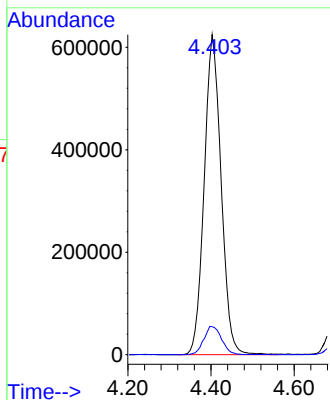
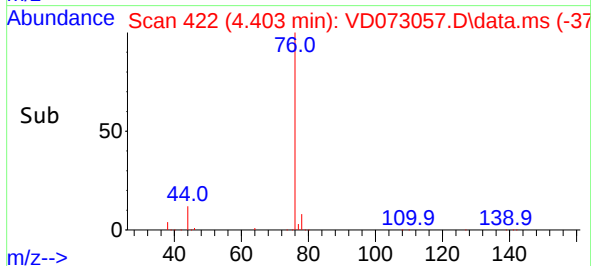
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



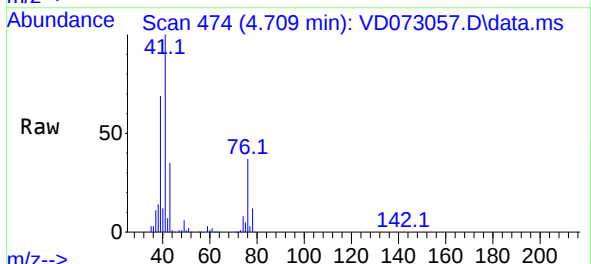
Tgt Ion: 76 Resp: 1766040
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

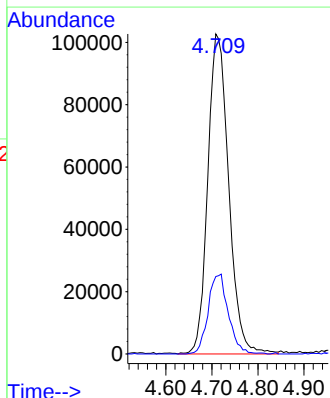
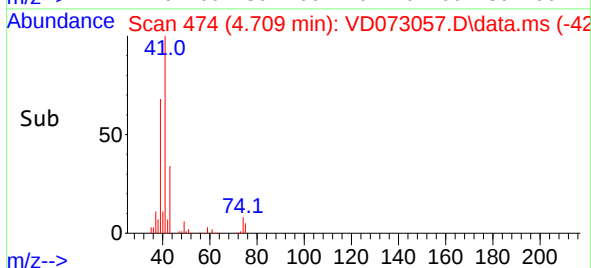
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

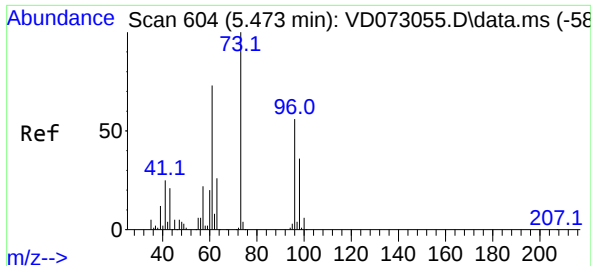


#18
Methyl Acetate
Concen: 148.091 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



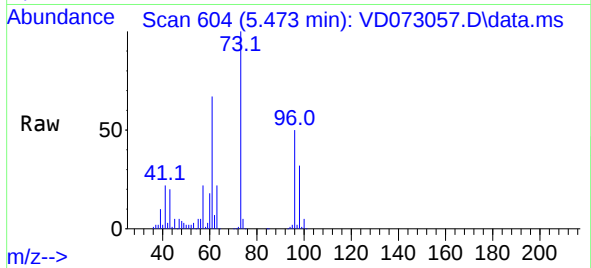
Tgt Ion: 43 Resp: 324259
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 170.263 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

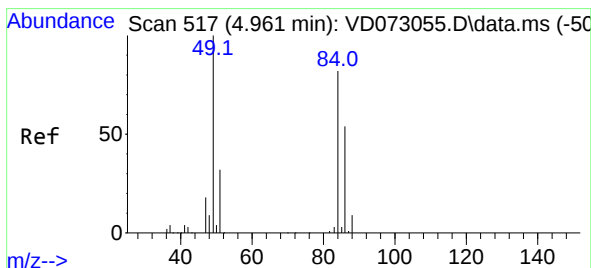
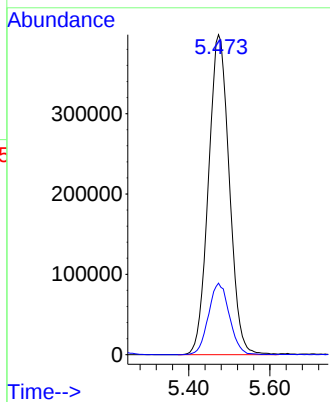
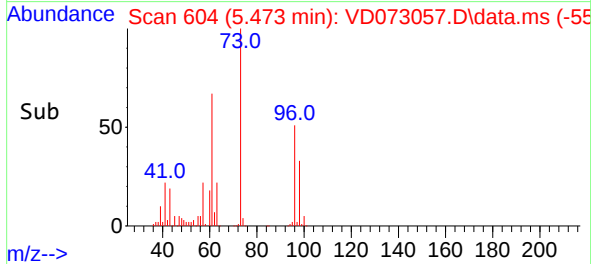
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 141774
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0

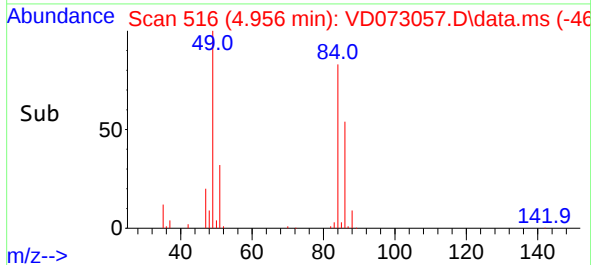
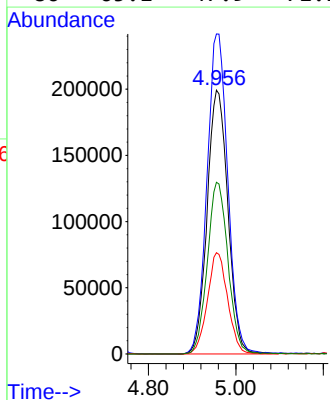
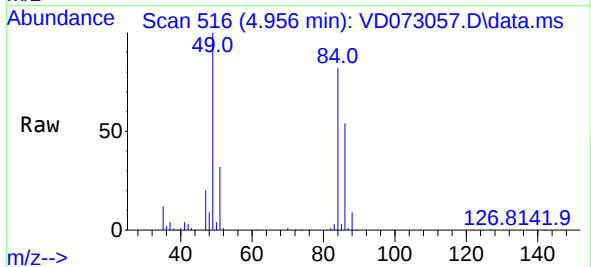
Manual Integrations
APPROVED

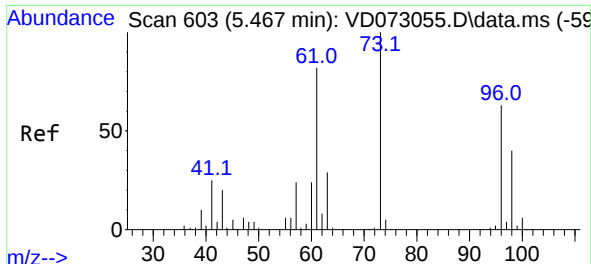
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#20
Methylene Chloride
Concen: 130.657 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

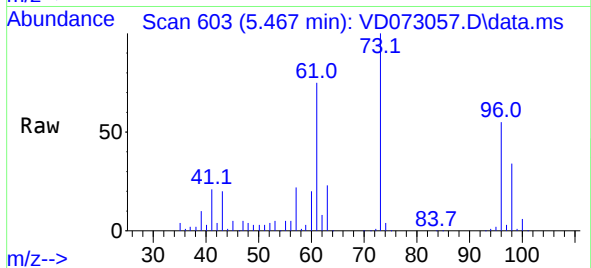
Tgt Ion: 84 Resp: 657704
Ion Ratio Lower Upper
84 100
49 121.3 112.8 169.2
51 38.4 32.6 48.8
86 65.1 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 153.882 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

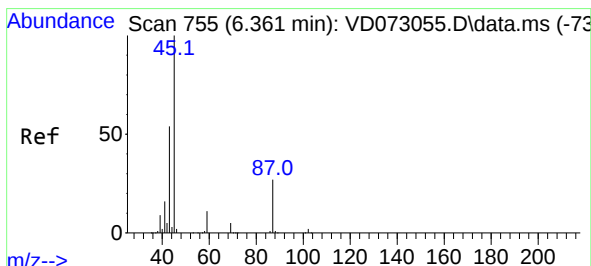
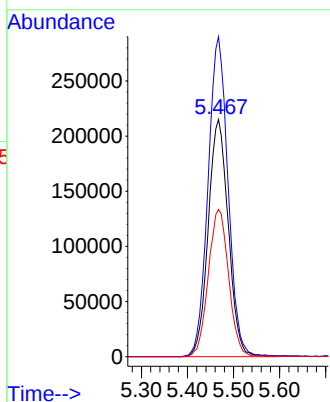
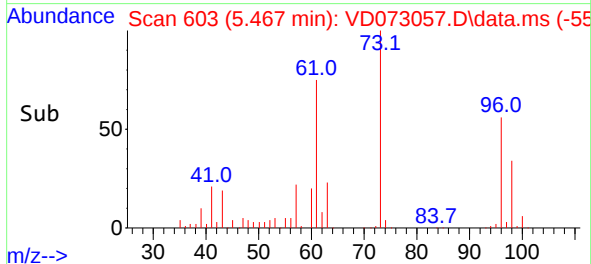
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



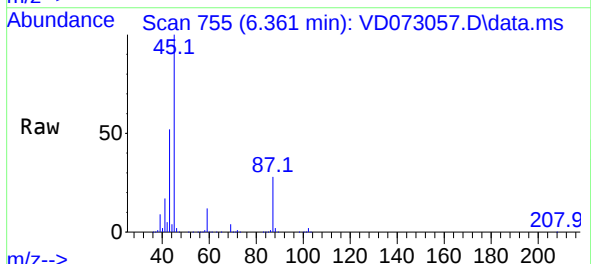
Tgt Ion: 96 Resp: 651745
Ion Ratio Lower Upper
96 100
61 134.9 117.9 176.9
98 62.0 49.4 74.2

Manual Integrations
APPROVED

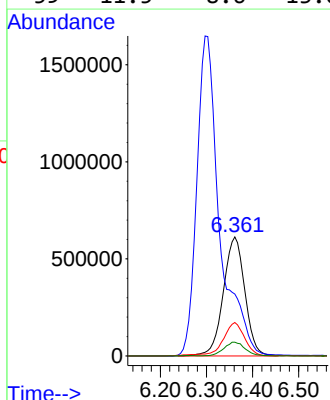
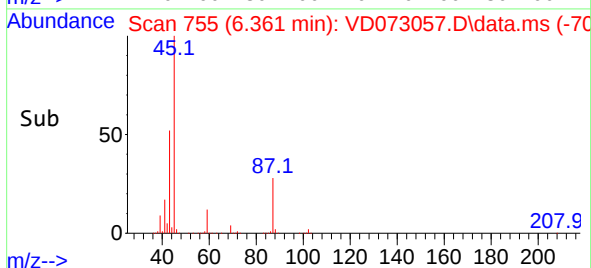
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

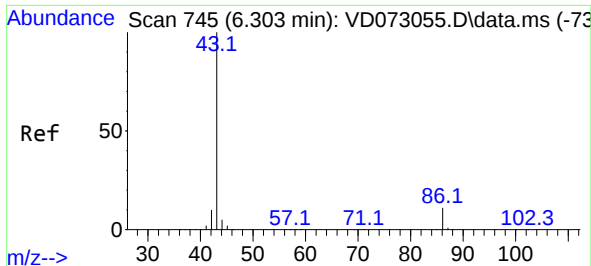


#22
Diisopropyl ether
Concen: 164.114 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



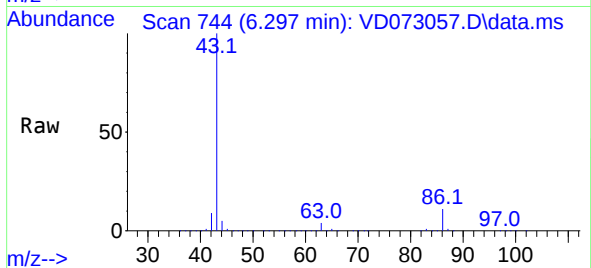
Tgt Ion: 45 Resp: 1987118
Ion Ratio Lower Upper
45 100
43 51.3 46.6 70.0
87 27.9 18.4 27.6#
59 11.5 8.6 13.0





#23
 Vinyl Acetate
 Concen: 873.459 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073057.D
 Acq: 17 May 2022 12:39

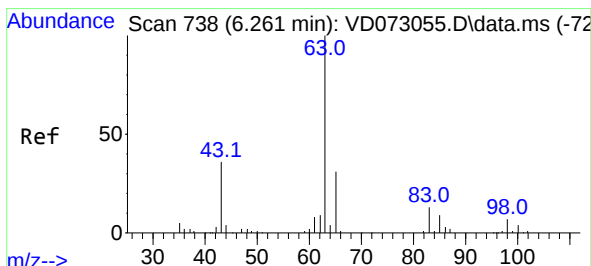
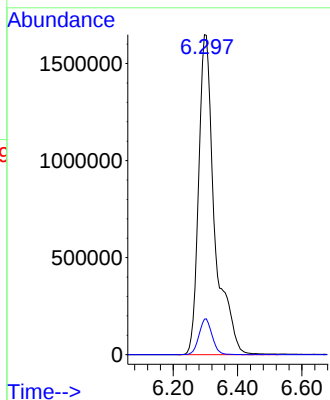
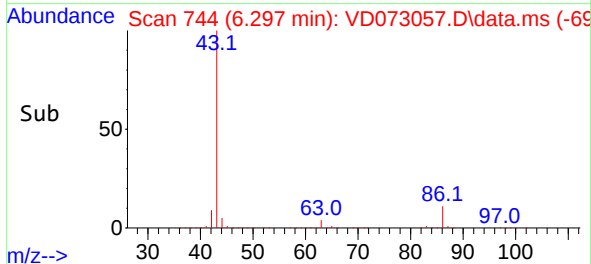
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150



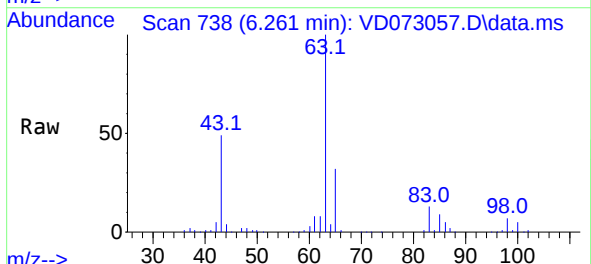
Tgt Ion: 43 Resp: 5713430
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations
 APPROVED

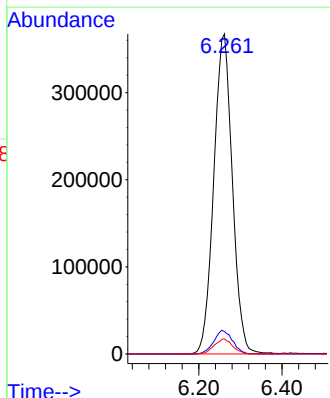
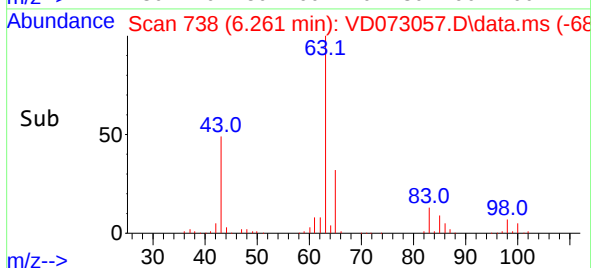
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

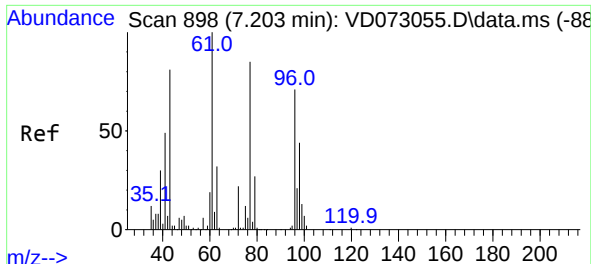


#24
 1,1-Dichloroethane
 Concen: 151.251 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD073057.D
 Acq: 17 May 2022 12:39



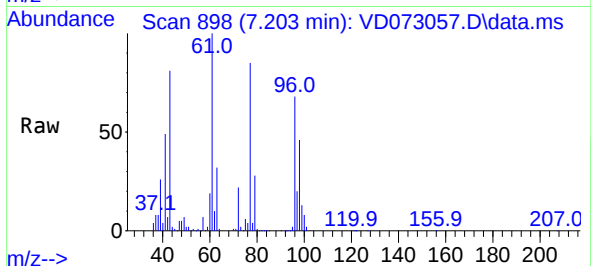
Tgt Ion: 63 Resp: 1139353
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 802.330 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

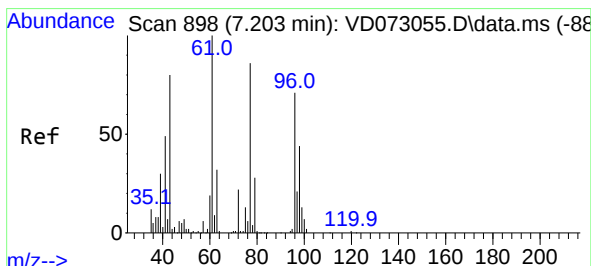
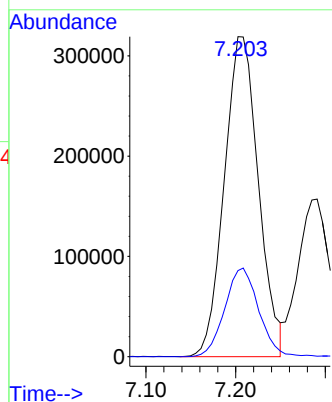
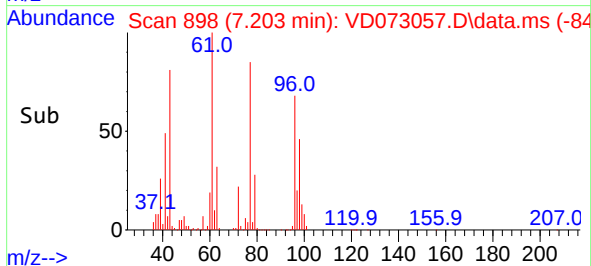
Instrument :
MSVOA_D
Client Sample Id :
VSTDIC150



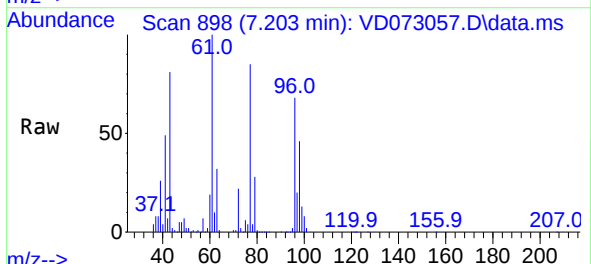
Tgt Ion: 43 Resp: 842630
Ion Ratio Lower Upper
43 100
72 26.9 18.6 27.8

Manual Integrations
APPROVED

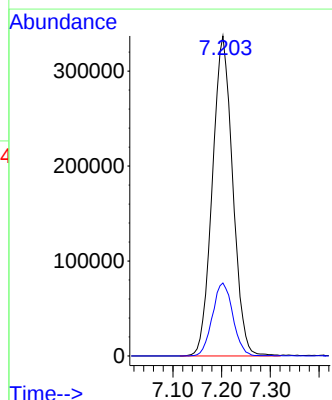
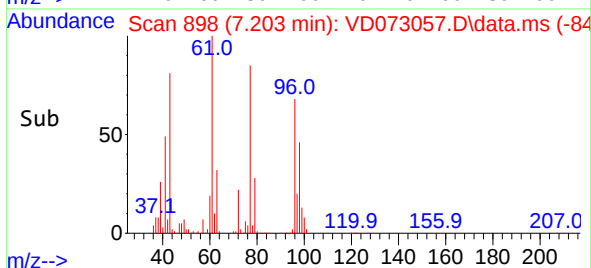
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

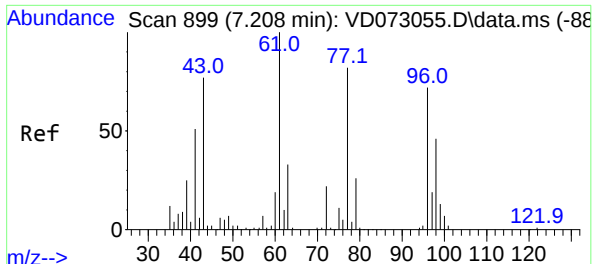


#26
2,2-Dichloropropane
Concen: 153.327 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 77 Resp: 977846
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4





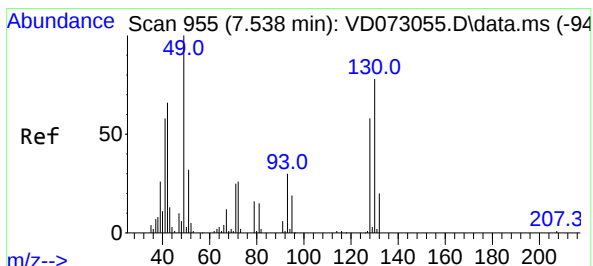
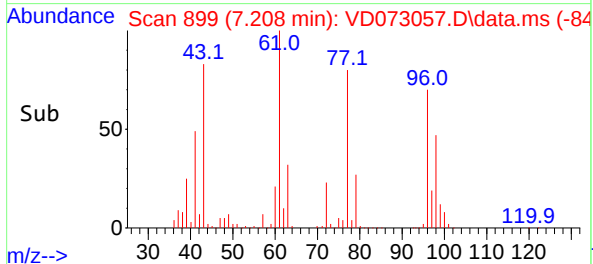
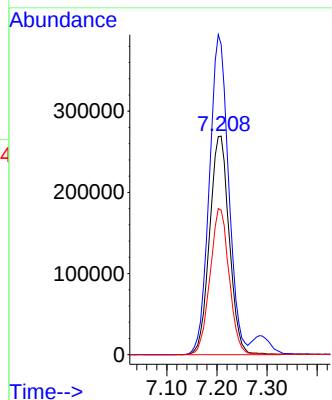
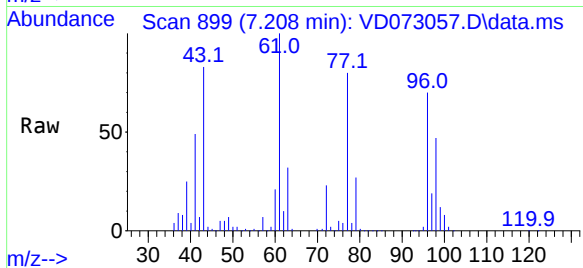
#27
cis-1,2-Dichloroethene
Concen: 156.883 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 732739
Ion Ratio Lower Upper
96 100
61 143.6 0.0 313.8
98 65.0 0.0 128.8

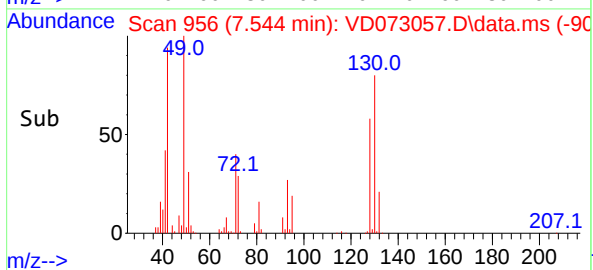
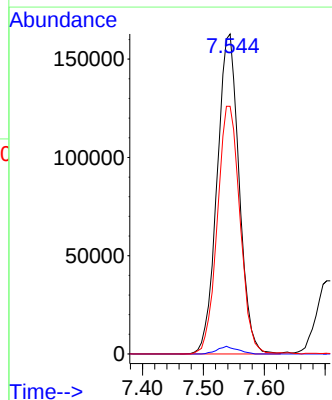
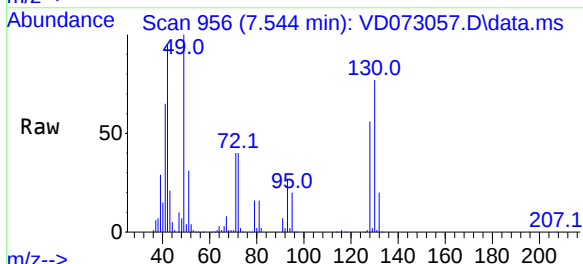
Manual Integrations
APPROVED

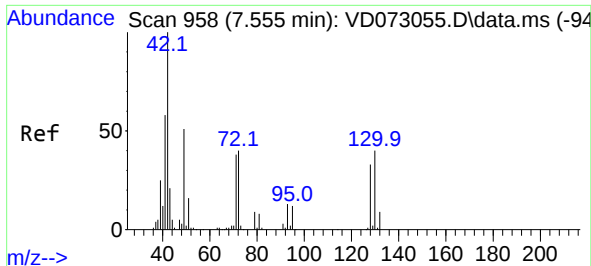
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
Bromochloromethane
Concen: 158.813 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion: 49 Resp: 409796
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 79.4 52.6 79.0#





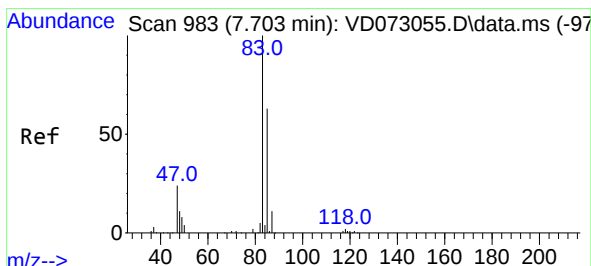
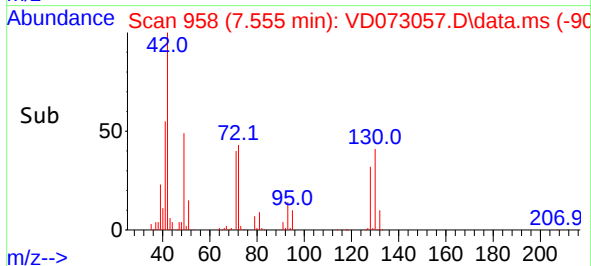
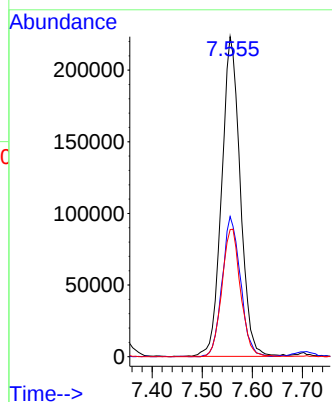
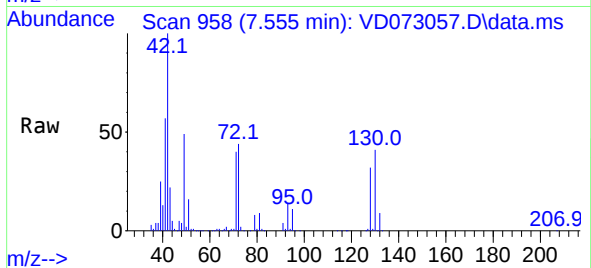
#29
Tetrahydrofuran
Concen: 849.246 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 57391
Ion Ratio Lower Upper
42 100
72 43.1 30.7 46.1
71 40.3 28.6 43.0

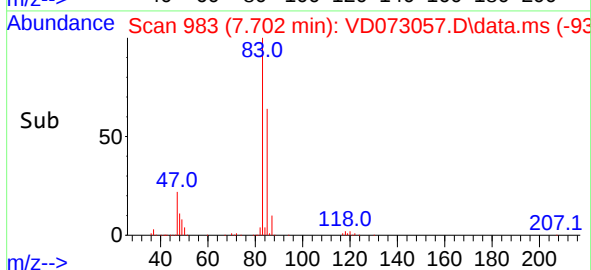
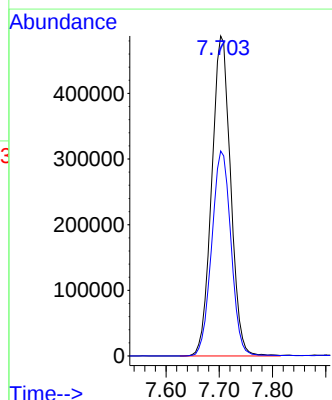
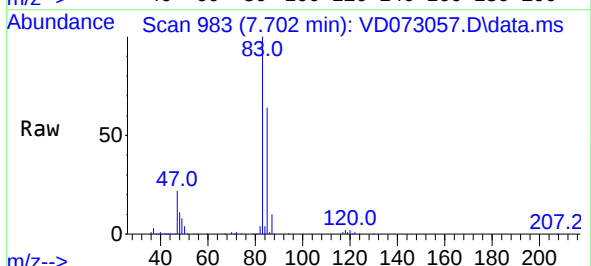
Manual Integrations
APPROVED

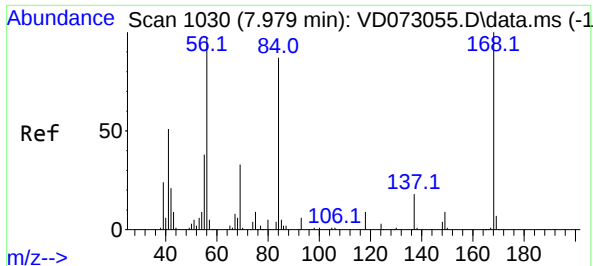
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
Chloroform
Concen: 148.960 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

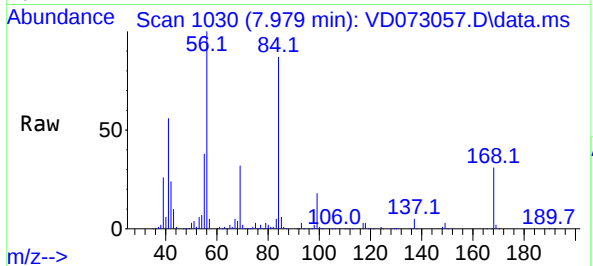
Tgt Ion: 83 Resp: 1200620
Ion Ratio Lower Upper
83 100
85 64.0 52.7 79.1





#31
Cyclohexane
Concen: 152.687 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

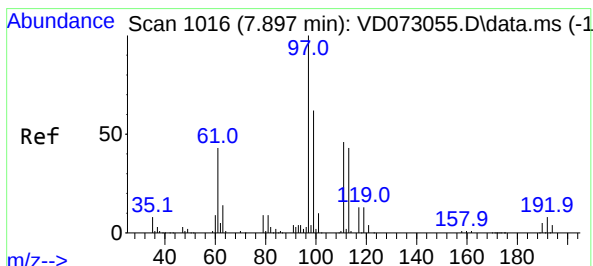
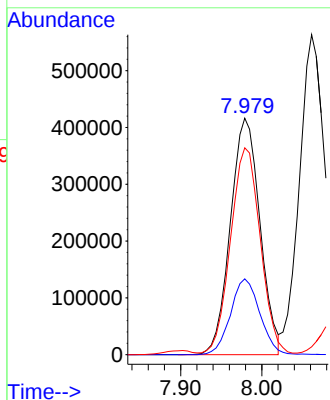
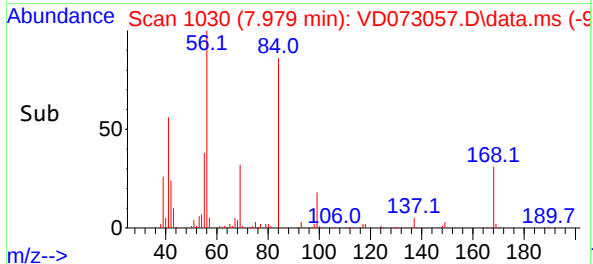
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



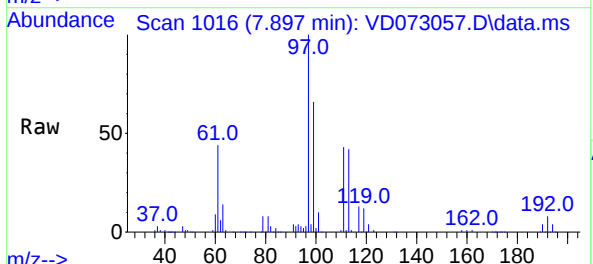
Tgt Ion: 56 Resp: 1054068
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.2
84 85.9 63.0 94.4

Manual Integrations
APPROVED

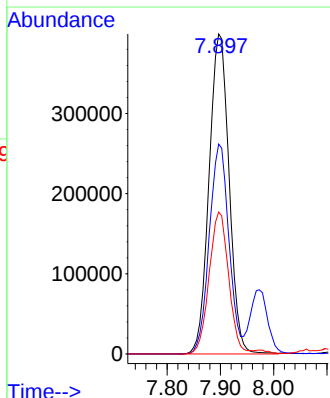
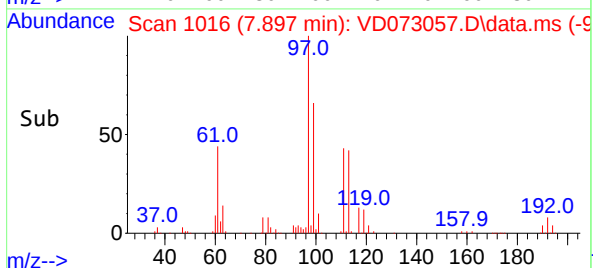
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

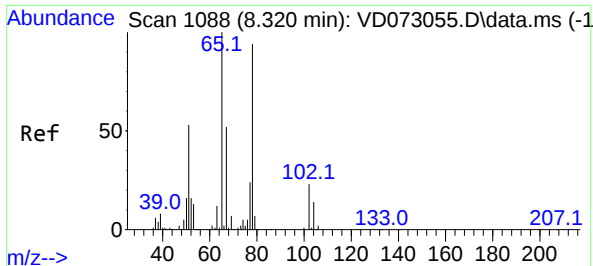


#32
1,1,1-Trichloroethane
Concen: 150.780 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 97 Resp: 1041161
Ion Ratio Lower Upper
97 100
99 64.1 52.4 78.6
61 43.4 38.0 57.0





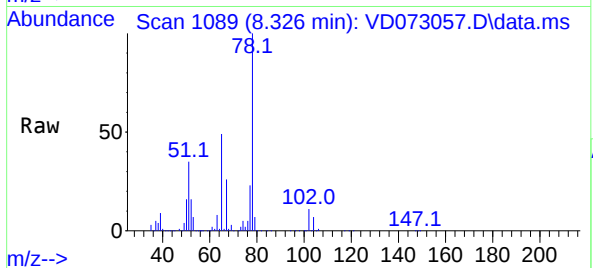
#33
1,2-Dichloroethane-d4
Concen: 147.567 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

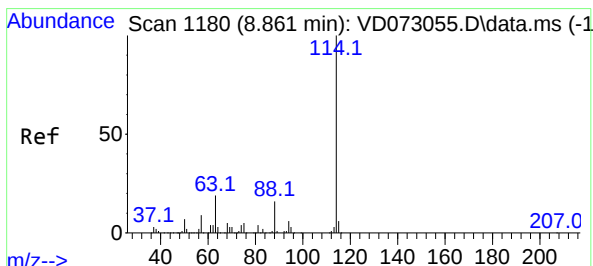
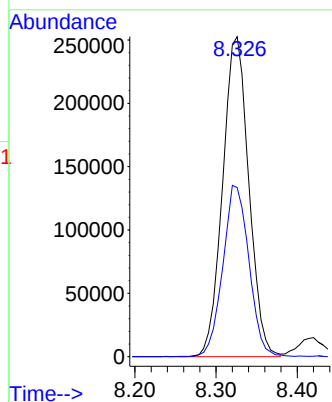
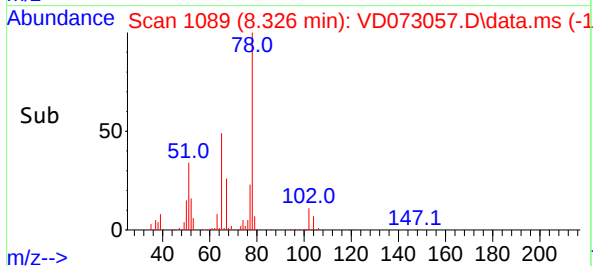


Tgt Ion: 65 Resp: 565562
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.4

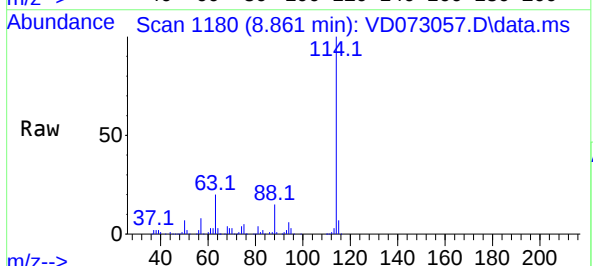
Manual Integrations

APPROVED

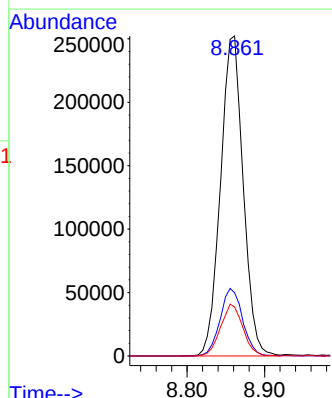
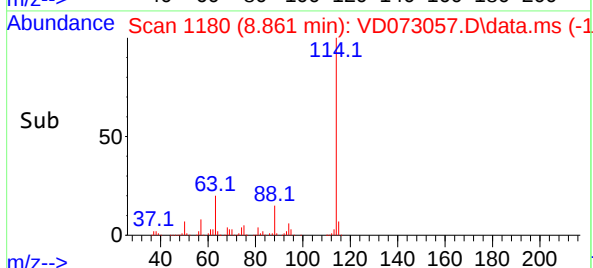
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

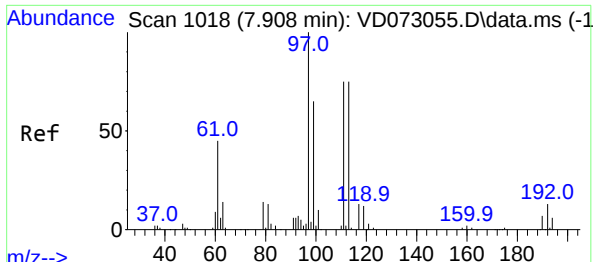


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



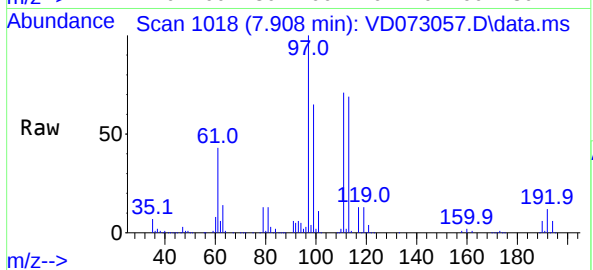
Tgt Ion:114 Resp: 513051
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 15.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 149.566 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

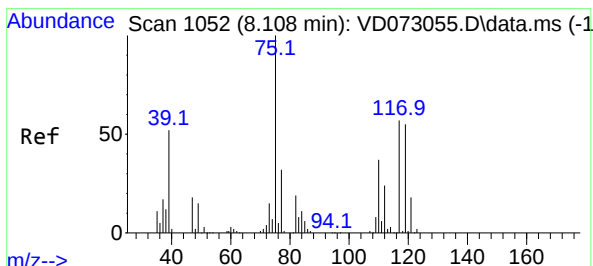
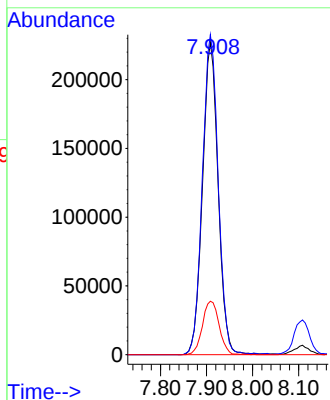
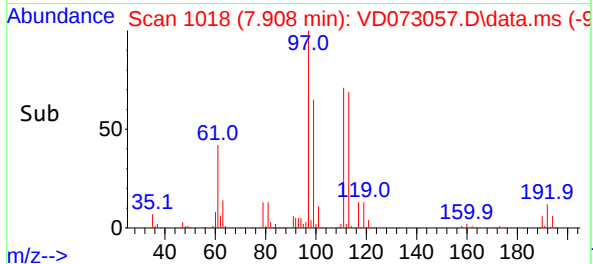
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



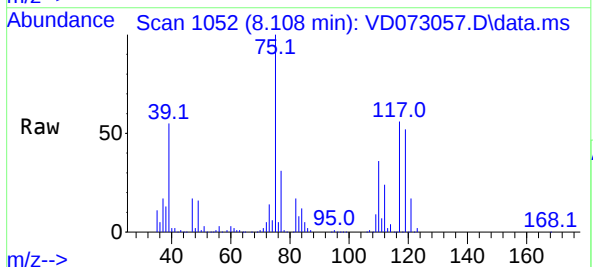
Tgt Ion:113 Resp: 53876
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.3 14.6 21.8

Manual Integrations
APPROVED

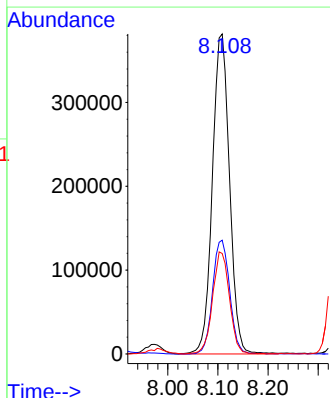
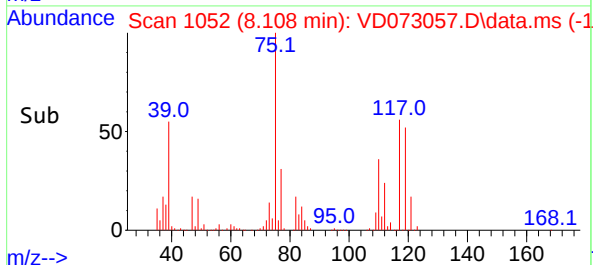
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

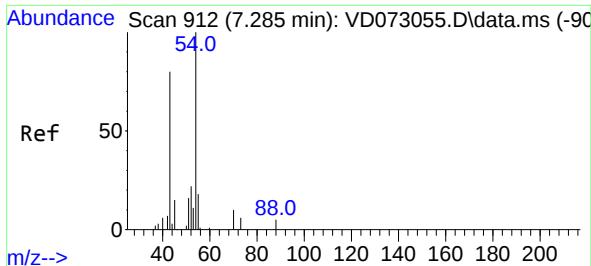


#36
1,1-Dichloropropene
Concen: 154.590 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 75 Resp: 907350
Ion Ratio Lower Upper
75 100
110 35.4 16.4 49.1
77 31.5 24.2 36.2





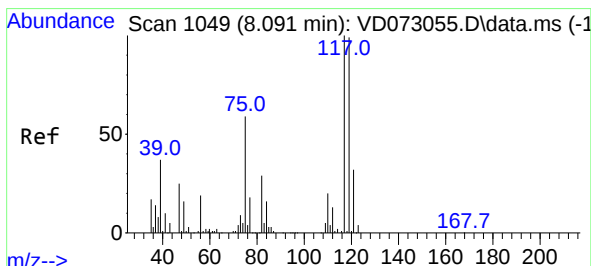
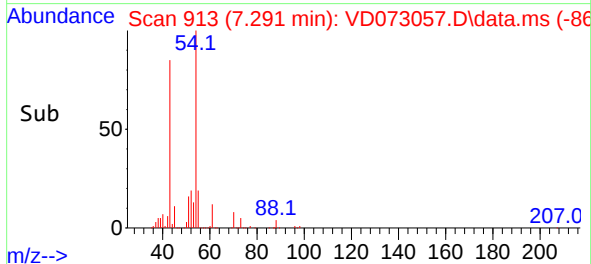
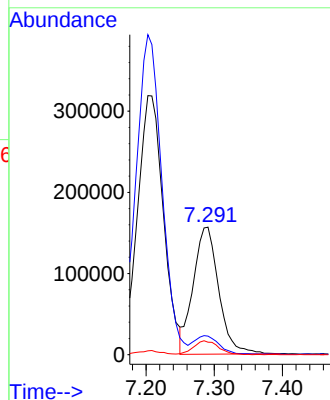
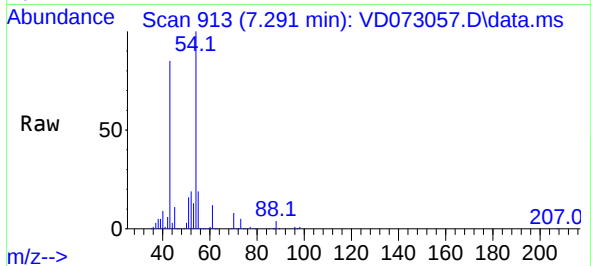
#37
Ethyl Acetate
Concen: 164.892 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 406458
Ion Ratio Lower Upper
43 100
61 14.2 9.8 14.8
70 10.7 6.9 10.3

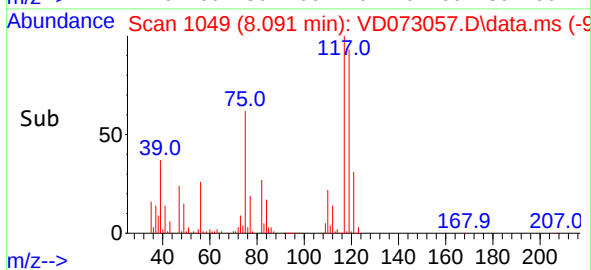
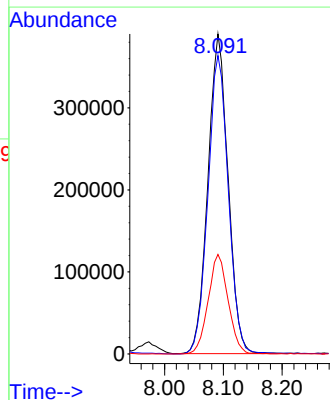
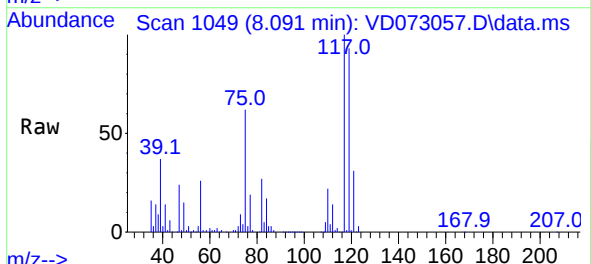
Manual Integrations
APPROVED

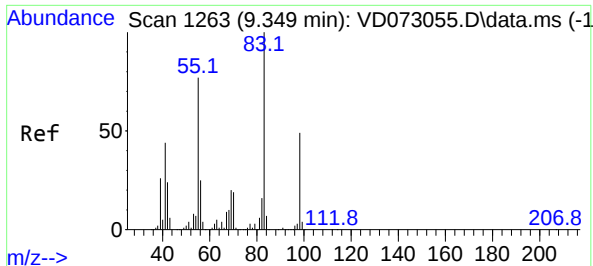
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 154.127 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion:117 Resp: 925524
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.6
121 31.1 24.5 36.7





#39

Methylcyclohexane

Concen: 170.299 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073057.D

Acq: 17 May 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 116555

Ion Ratio Lower Upper

83 100

55 78.0 63.2 94.8

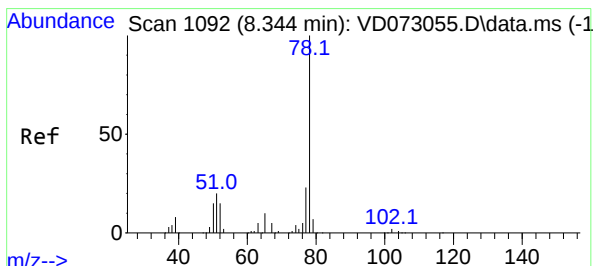
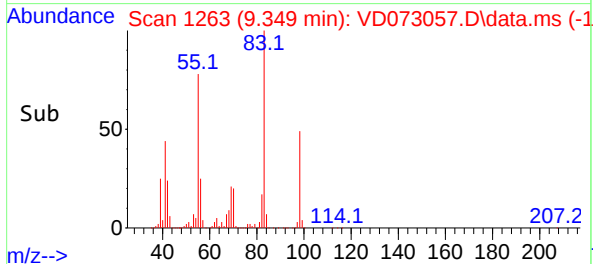
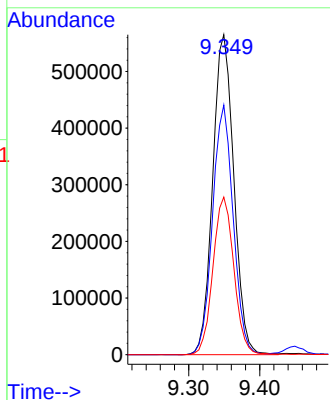
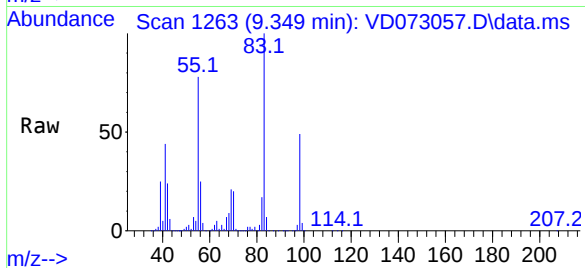
98 49.3 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 154.919 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073057.D

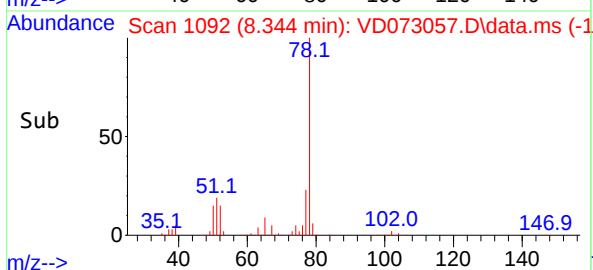
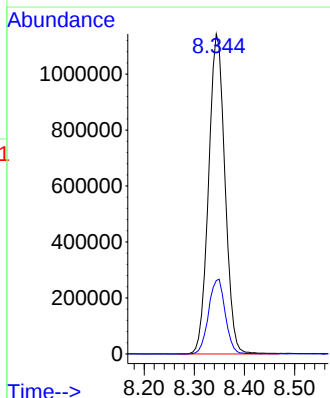
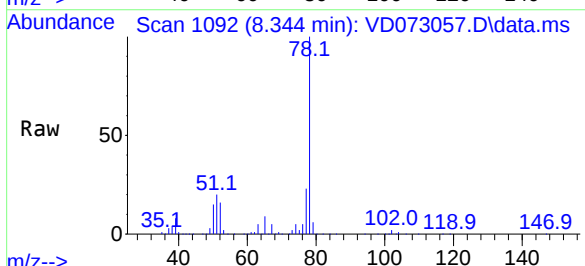
Acq: 17 May 2022 12:39

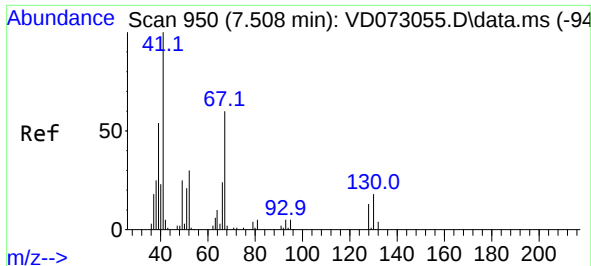
Tgt Ion: 78 Resp: 2599960

Ion Ratio Lower Upper

78 100

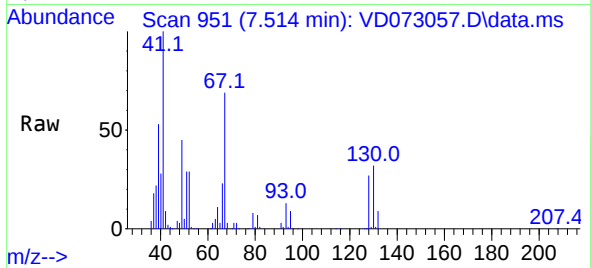
77 22.9 19.1 28.7





#41
Methacrylonitrile
Concen: 172.399 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

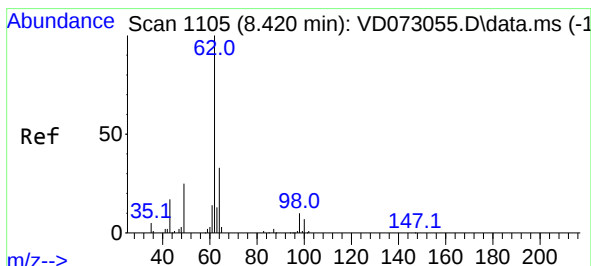
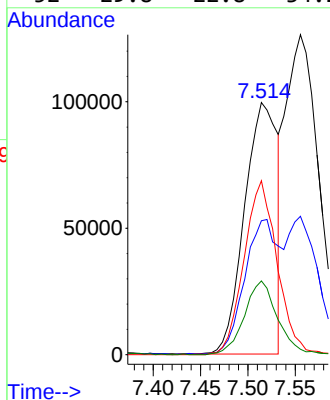
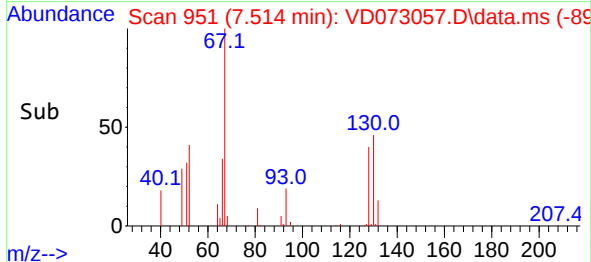
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 23963
Ion Ratio Lower Upper
41 100
39 58.4 44.6 67.0
67 69.9 48.2 72.4
52 29.8 22.8 34.2

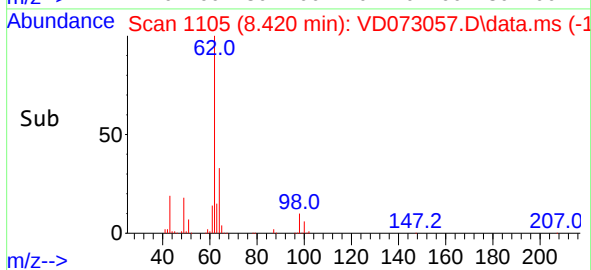
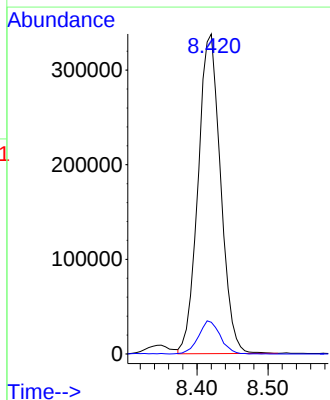
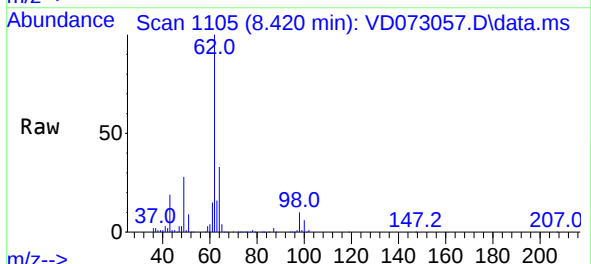
Manual Integrations
APPROVED

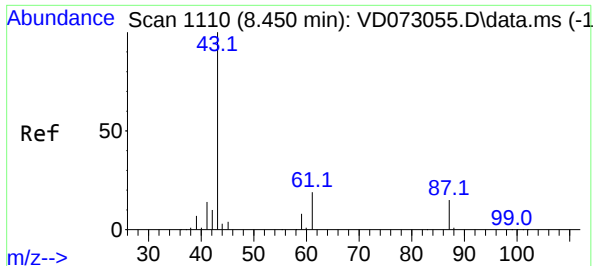
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
1,2-Dichloroethane
Concen: 152.423 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion: 62 Resp: 744585
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





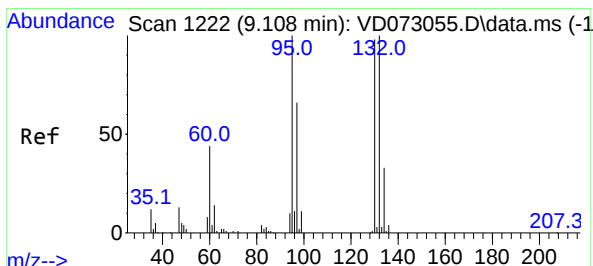
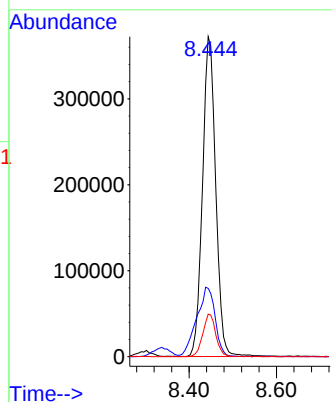
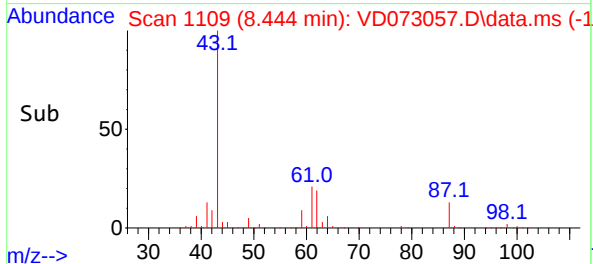
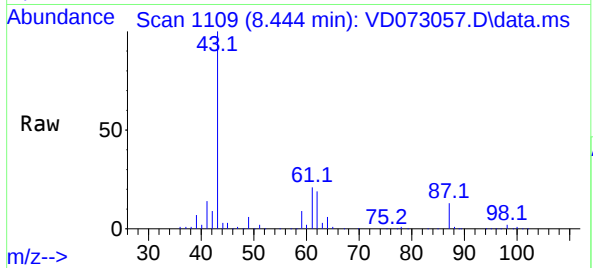
#43
Isopropyl Acetate
Concen: 171.439 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 785690
Ion Ratio Lower Upper
43 100
61 30.0 22.4 33.6
87 13.1 8.7 13.1

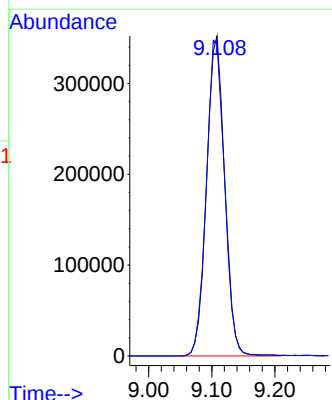
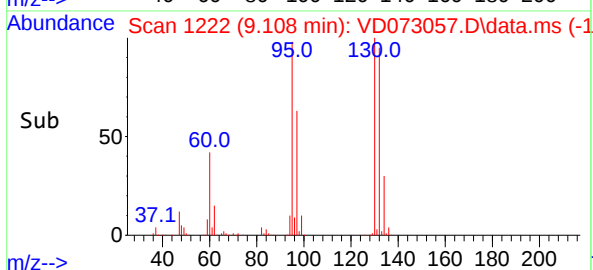
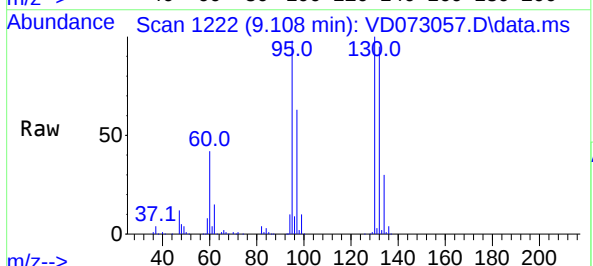
Manual Integrations
APPROVED

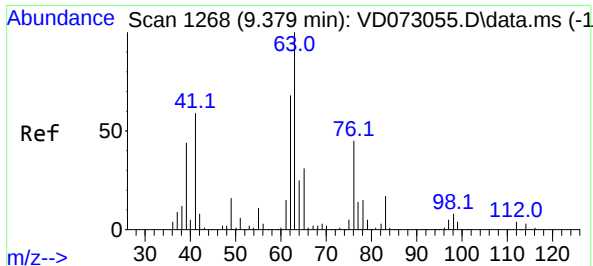
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 154.583 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion:130 Resp: 701725
Ion Ratio Lower Upper
130 100
95 97.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 153.344 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073057.D

Acq: 17 May 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 66832

Ion Ratio Lower Upper

63 100

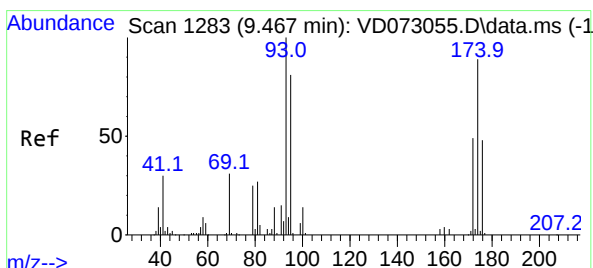
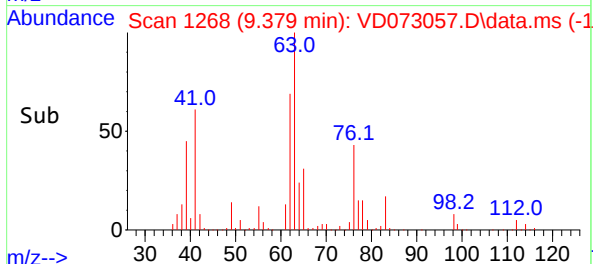
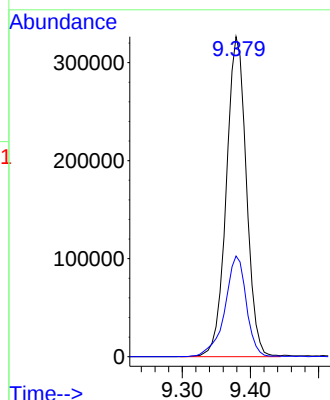
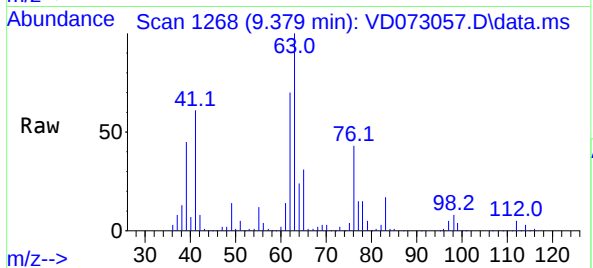
65 31.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 153.752 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073057.D

Acq: 17 May 2022 12:39

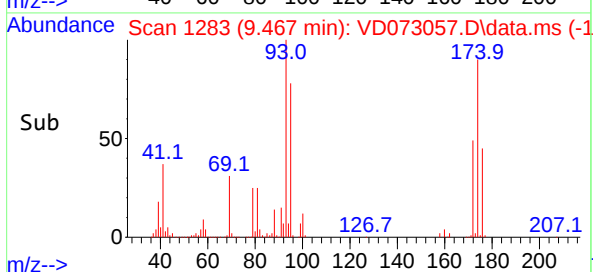
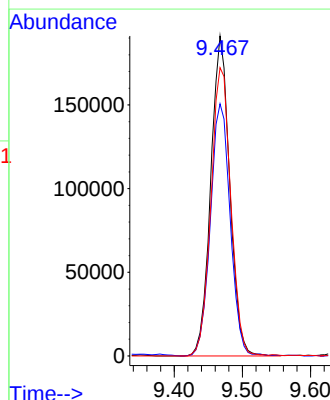
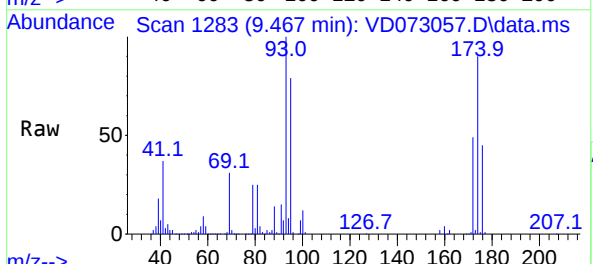
Tgt Ion: 93 Resp: 370536

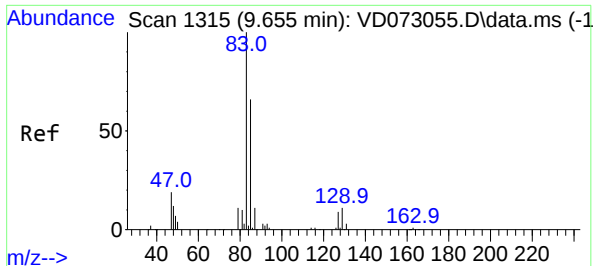
Ion Ratio Lower Upper

93 100

95 82.3 66.7 100.1

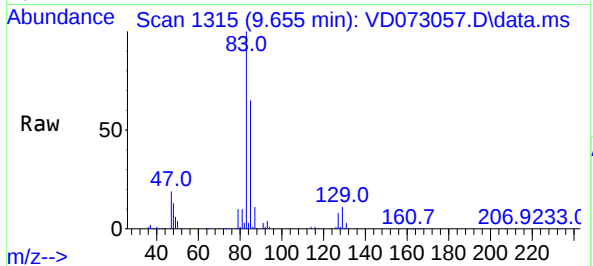
174 94.1 71.6 107.4





#47
Bromodichloromethane
Concen: 152.327 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

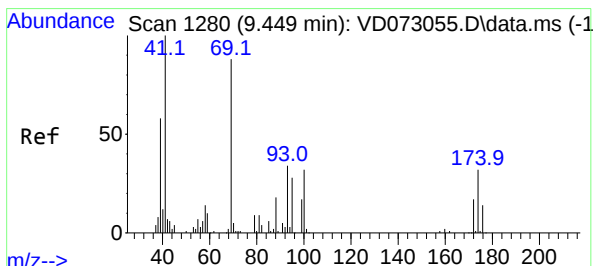
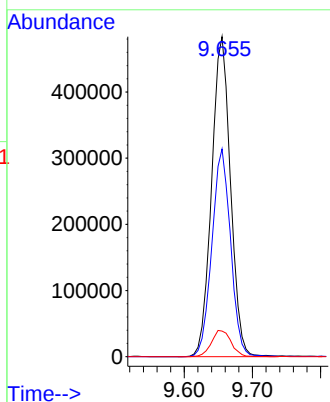
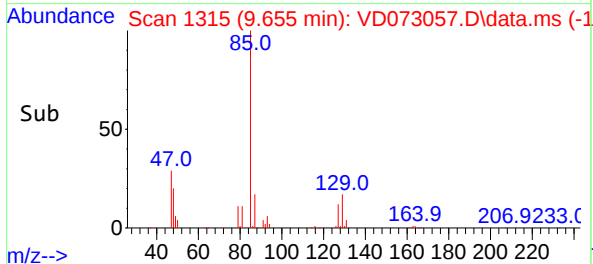
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



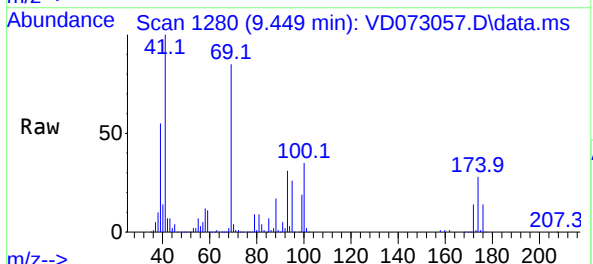
Tgt Ion: 83 Resp: 932374
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0
127 8.0 6.1 9.1

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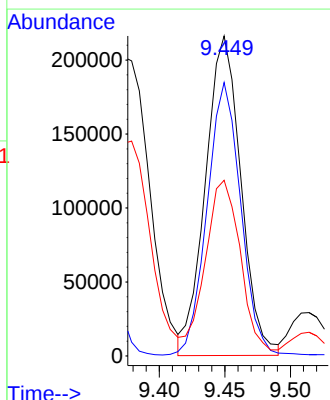
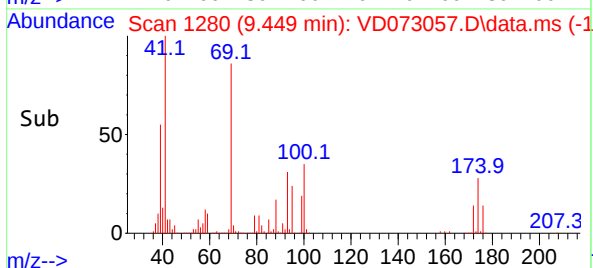
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

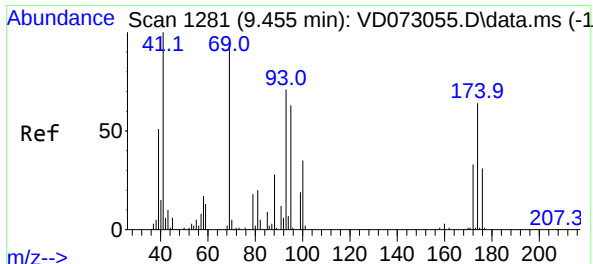


#48
Methyl methacrylate
Concen: 178.624 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 41 Resp: 406054
Ion Ratio Lower Upper
41 100
69 81.9 56.7 85.1
39 50.9 42.7 64.1





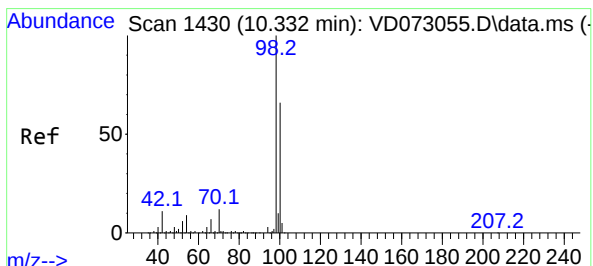
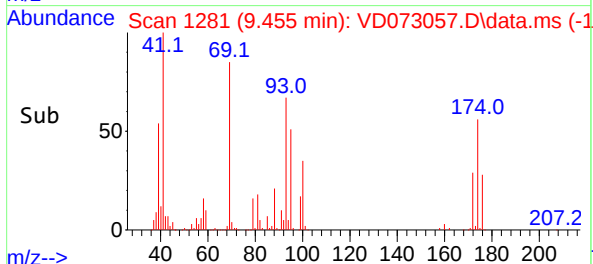
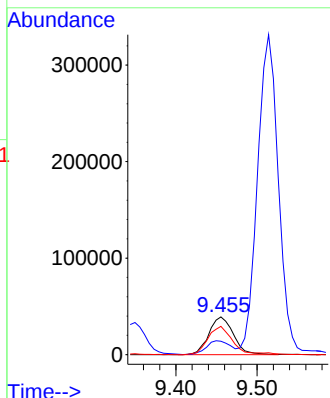
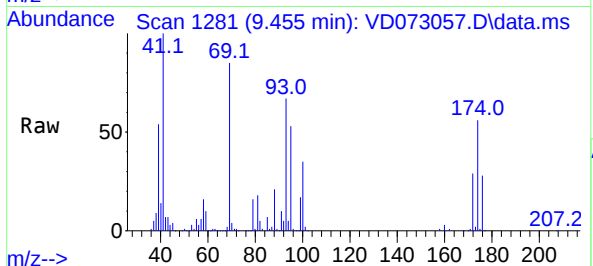
#49
1,4-Dioxane
Concen: 3268.669 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 82012
Ion Ratio Lower Upper
88 100
43 35.0 31.0 46.4
58 76.9 58.1 87.1

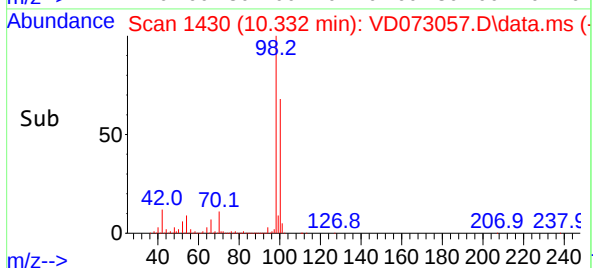
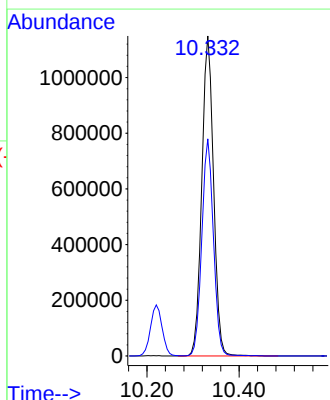
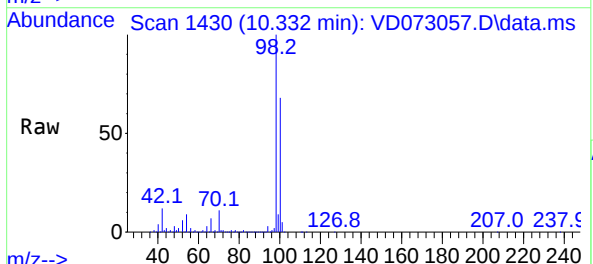
Manual Integrations
APPROVED

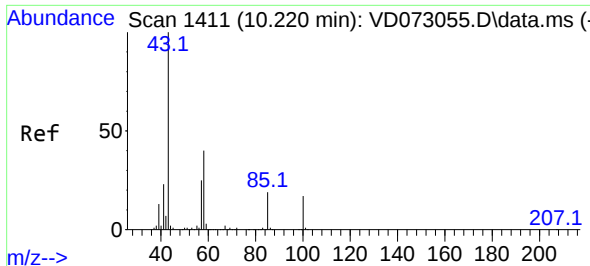
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 156.526 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

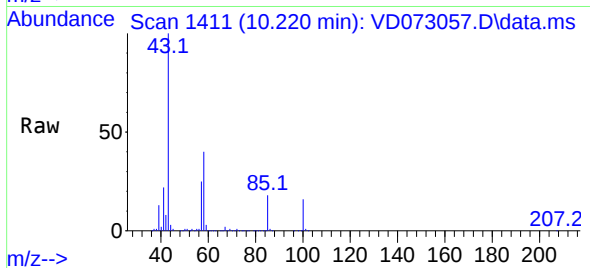
Tgt Ion: 98 Resp: 2045492
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 833.826 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

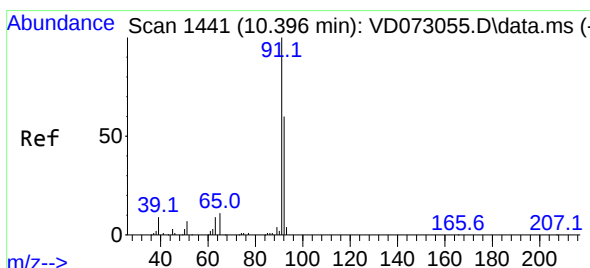
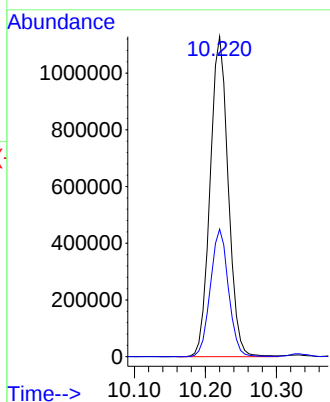
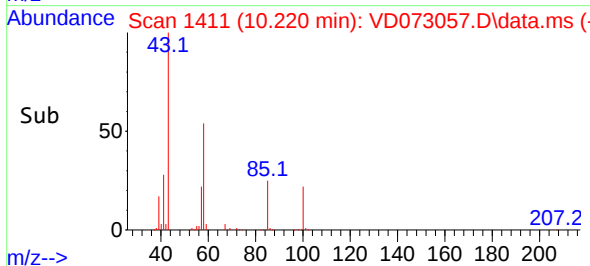
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



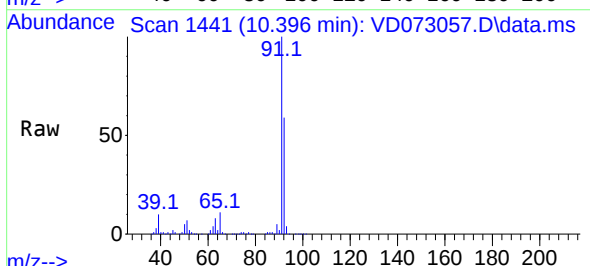
Tgt Ion: 43 Resp: 1994210
Ion Ratio Lower Upper
43 100
58 39.8 28.6 43.0

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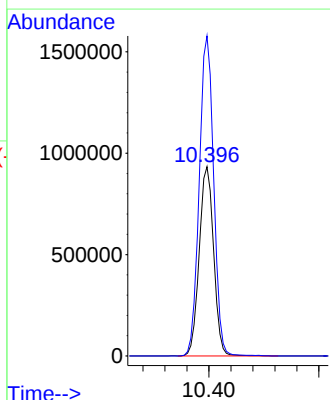
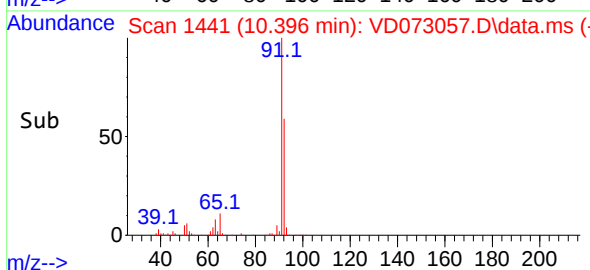
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

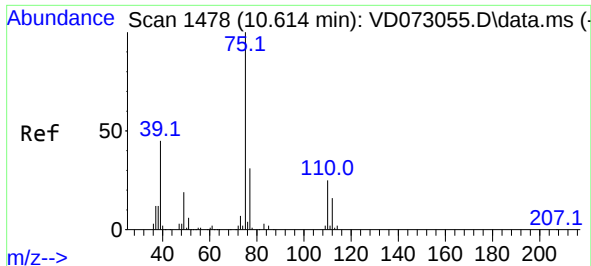


#52
Toluene
Concen: 159.447 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 92 Resp: 1698921
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4





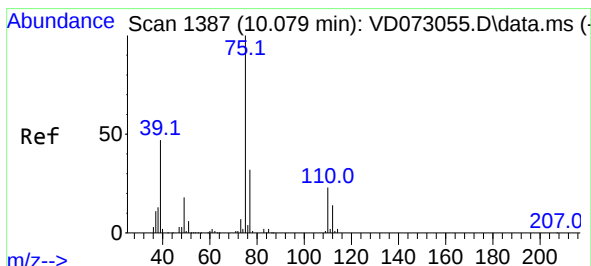
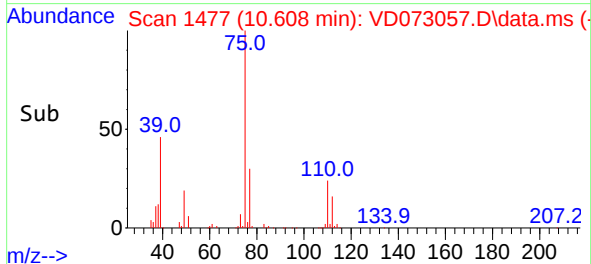
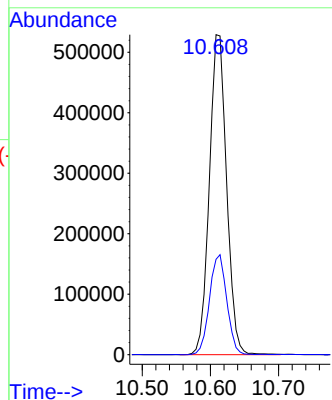
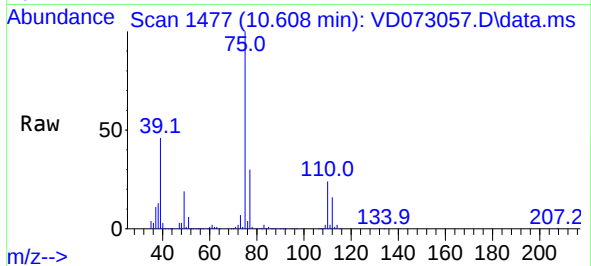
#53
t-1,3-Dichloropropene
Concen: 167.047 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 93252
Ion Ratio Lower Upper
75 100
77 29.8 24.5 36.7

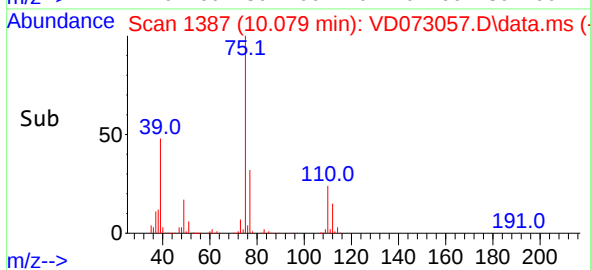
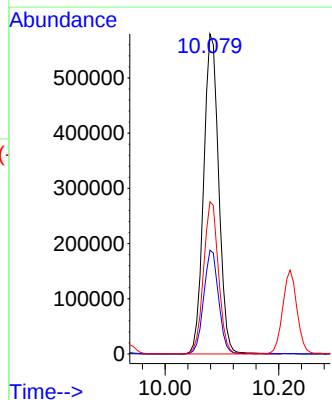
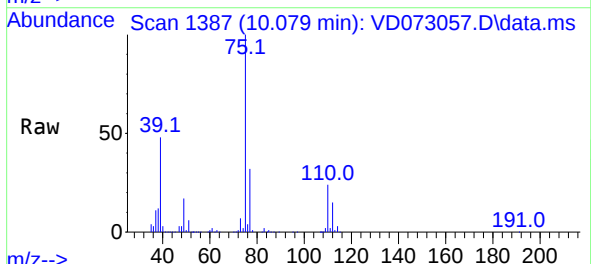
Manual Integrations
APPROVED

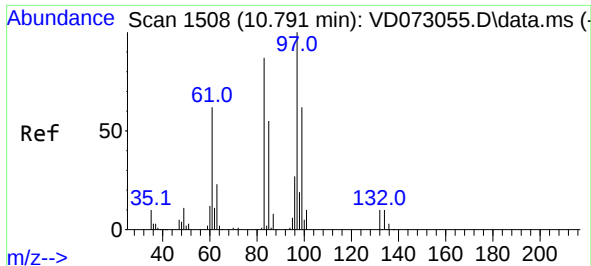
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
cis-1,3-Dichloropropene
Concen: 161.713 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

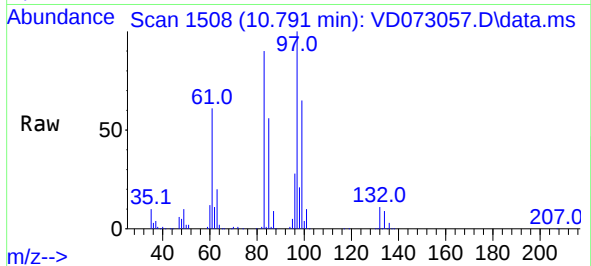
Tgt Ion: 75 Resp: 1064369
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 47.5 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 153.598 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

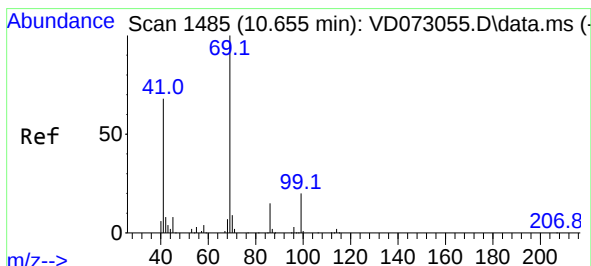
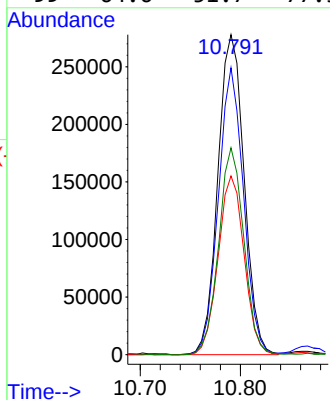
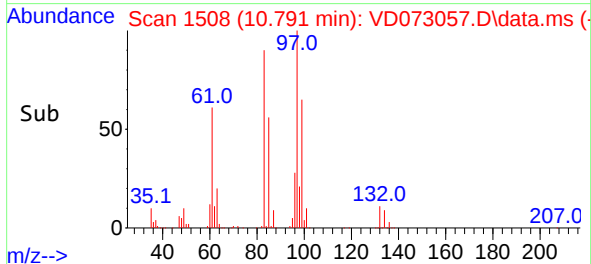


Tgt Ion: 97 Resp: 505249

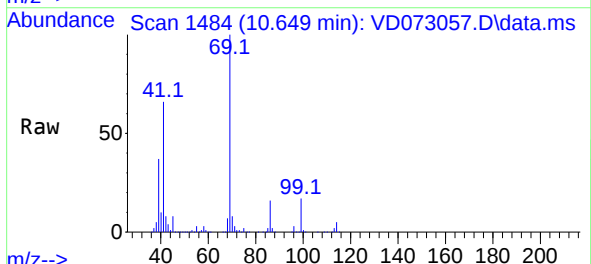
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.0	103.4
85	55.9	42.6	63.8
99	64.6	51.7	77.5

Manual Integrations
APPROVED

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

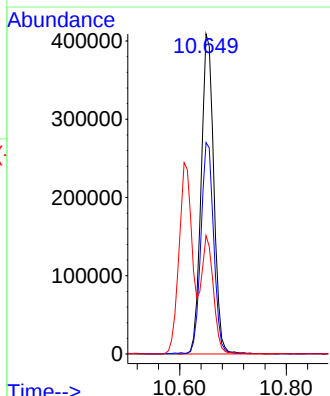
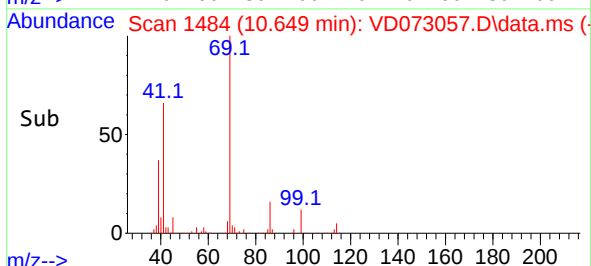


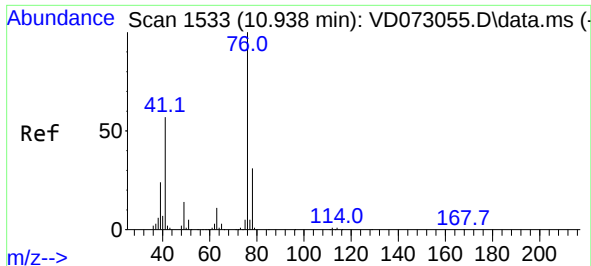
#56
Ethyl methacrylate
Concen: 180.909 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 69 Resp: 673007

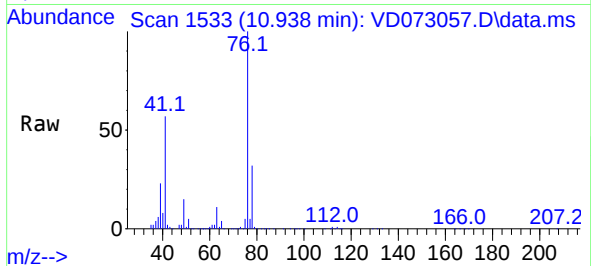
Ion	Ratio	Lower	Upper
69	100		
41	67.5	63.0	94.6
39	35.3	33.8	50.8





#57
1,3-Dichloropropane
Concen: 157.058 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

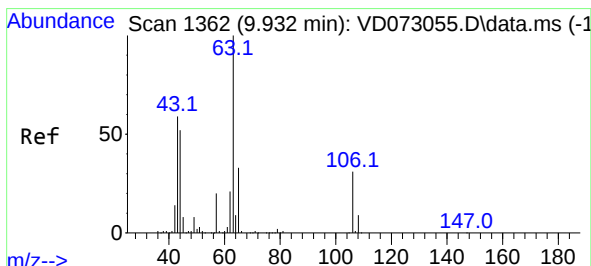
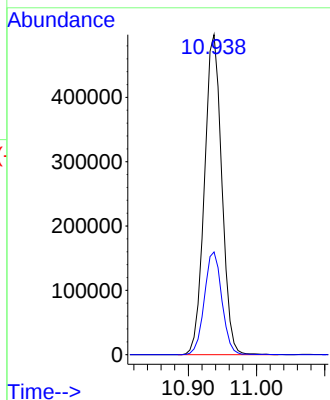
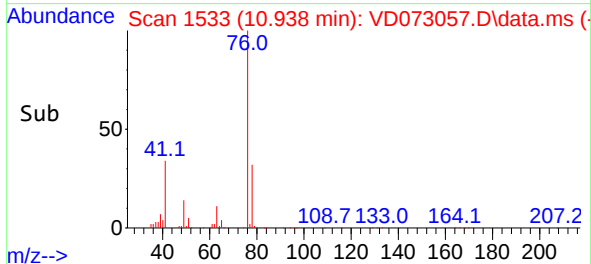
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



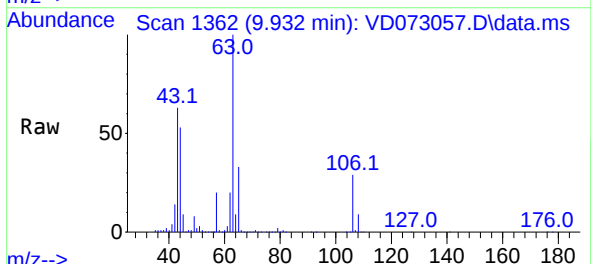
Tgt Ion: 76 Resp: 879063
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

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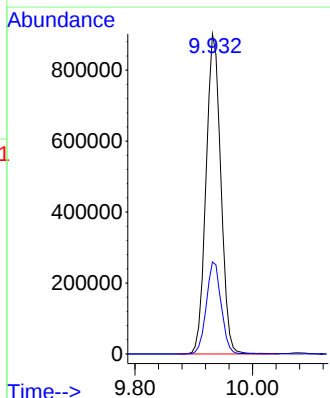
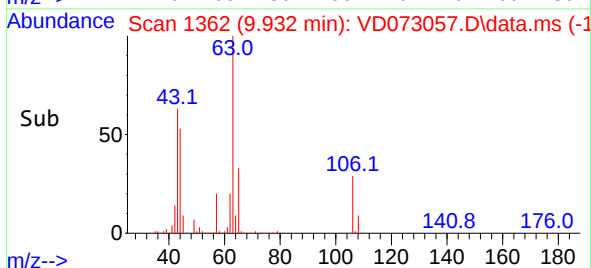
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

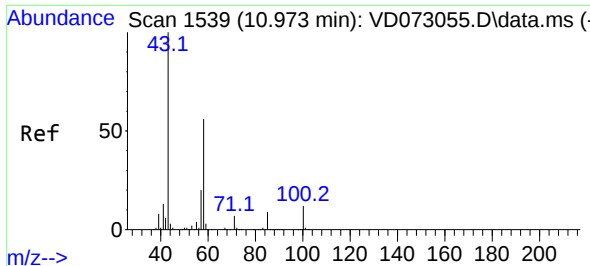


#58
2-Chloroethyl Vinyl ether
Concen: 936.225 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 63 Resp: 1580999
Ion Ratio Lower Upper
63 100
106 28.7 21.4 32.0





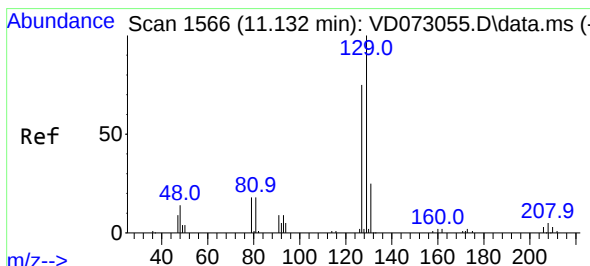
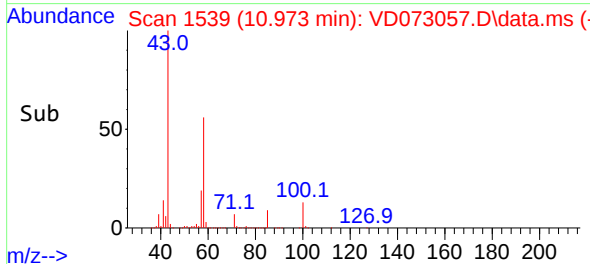
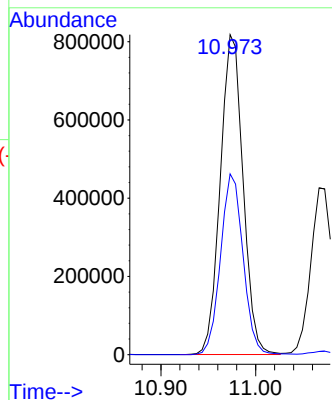
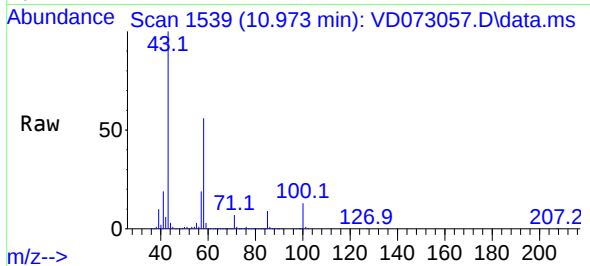
#59
2-Hexanone
Concen: 864.429 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1365714
Ion Ratio Lower Upper
43 100
58 56.0 25.3 75.9

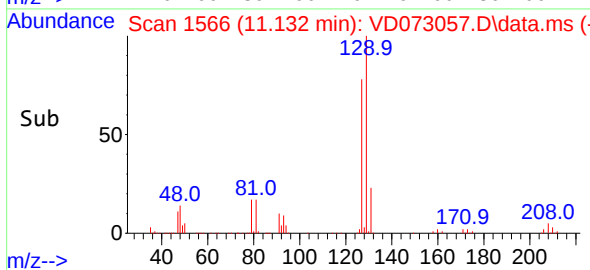
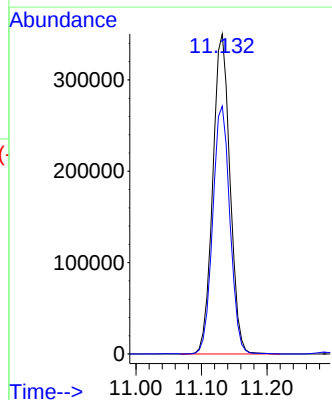
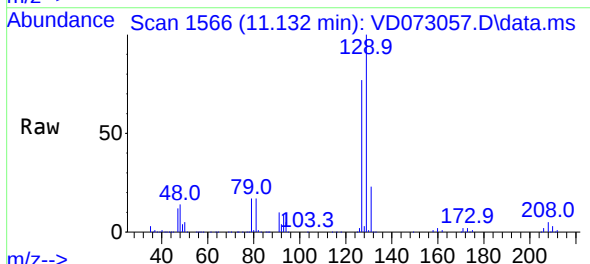
Manual Integrations
APPROVED

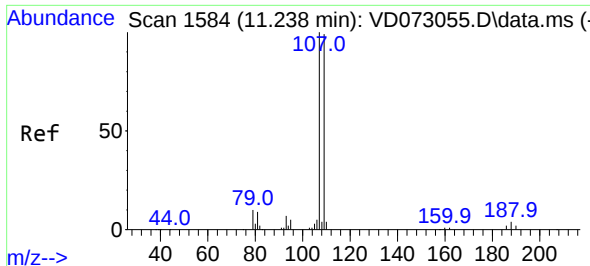
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#60
Dibromochloromethane
Concen: 155.883 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

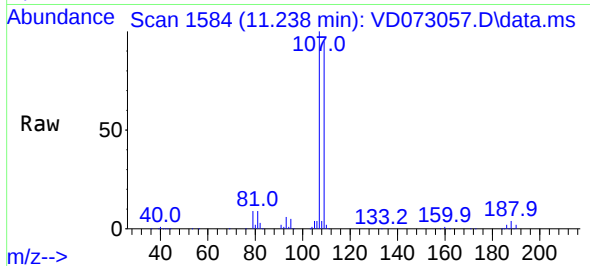
Tgt Ion:129 Resp: 637049
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 158.689 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

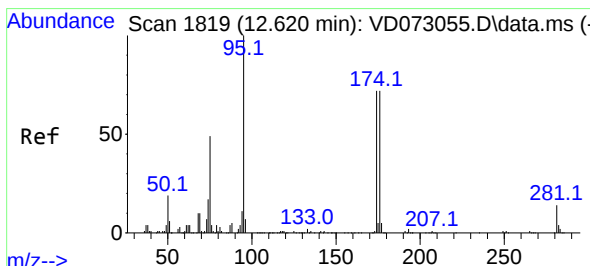
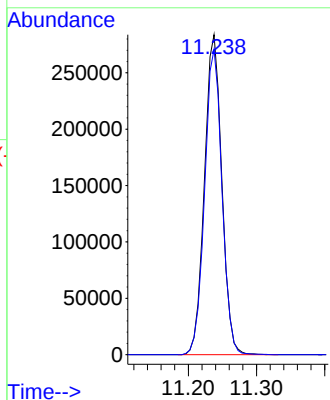
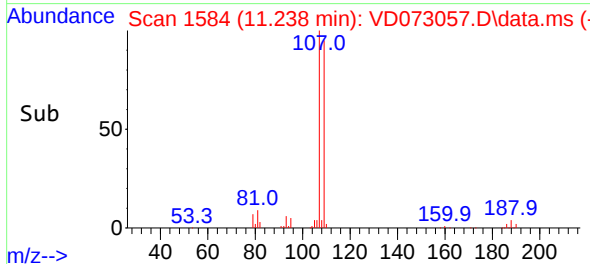
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



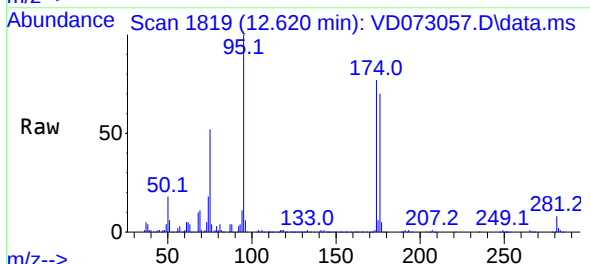
Tgt Ion:107 Resp: 50229
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4

Manual Integrations
APPROVED

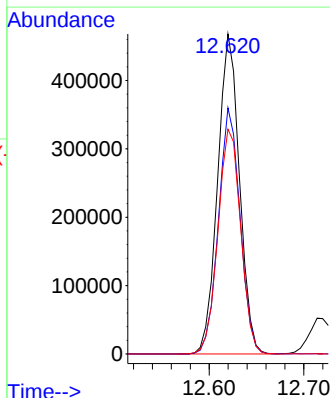
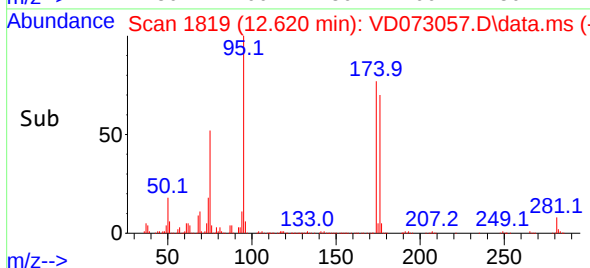
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

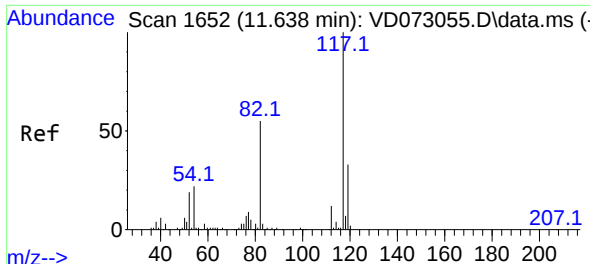


#62
4-Bromofluorobenzene
Concen: 158.203 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



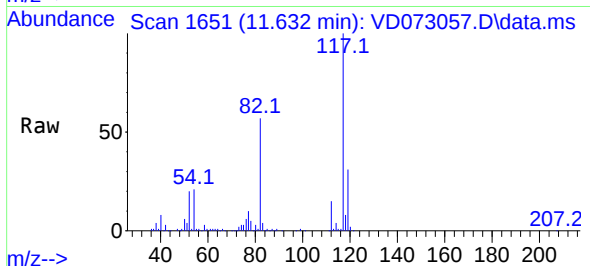
Tgt Ion: 95 Resp: 748805
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

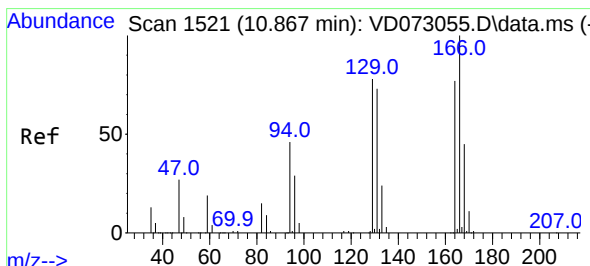
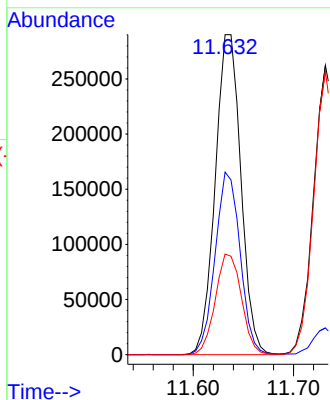
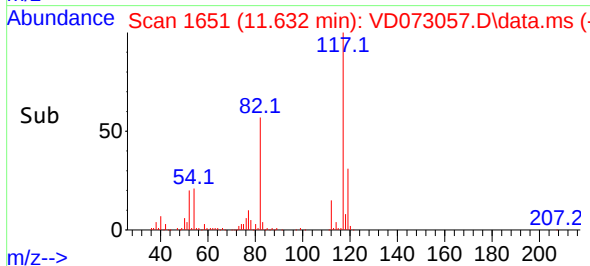
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



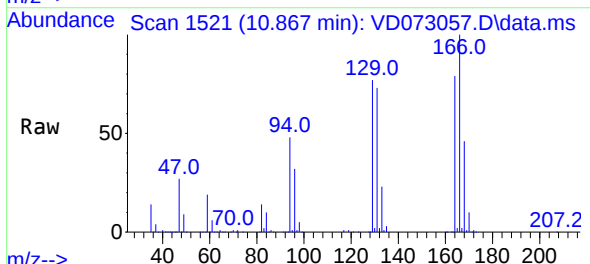
Tgt Ion:117 Resp: 516270
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.5 26.6 40.0

Manual Integrations
APPROVED

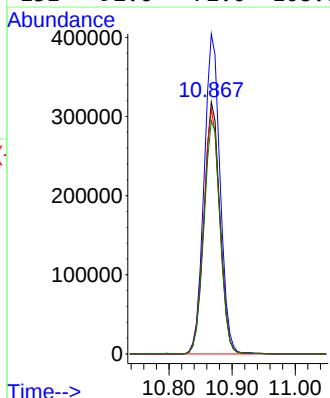
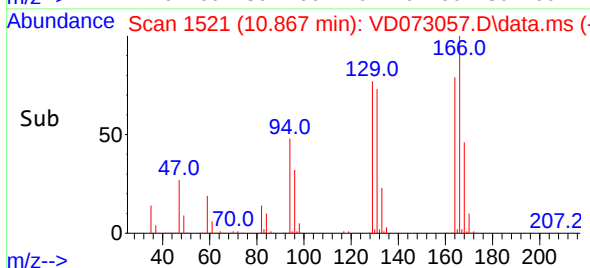
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

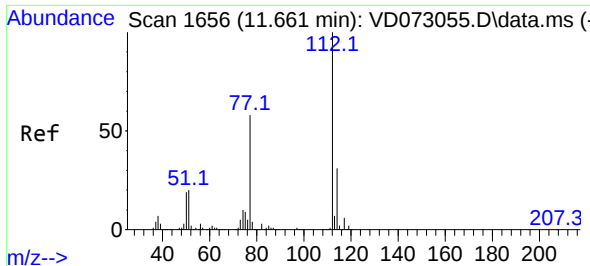


#64
Tetrachloroethene
Concen: 148.560 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



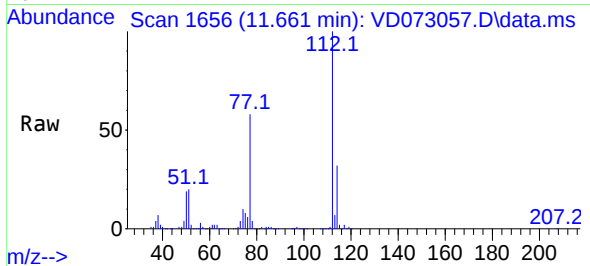
Tgt Ion:164 Resp: 561920
Ion Ratio Lower Upper
164 100
166 127.0 98.5 147.7
129 97.2 74.6 111.8
131 92.6 72.0 108.0





#65
Chlorobenzene
Concen: 154.247 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

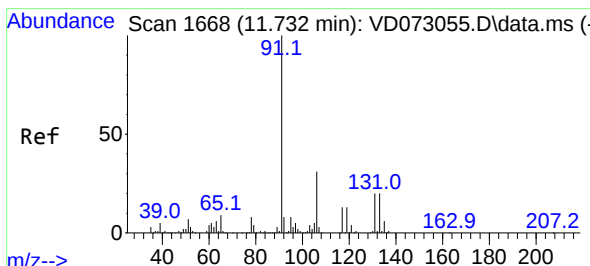
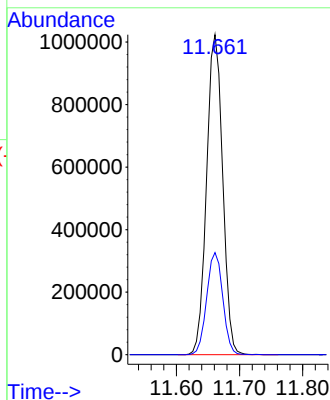
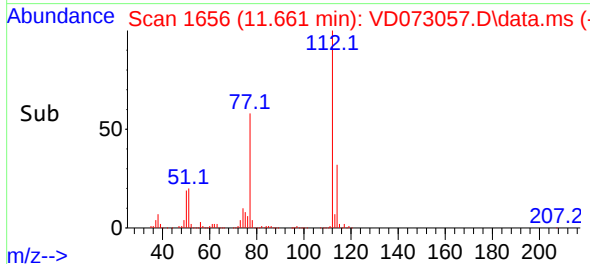
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



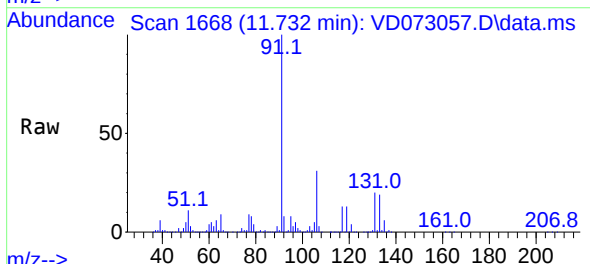
Tgt Ion:112 Resp: 180563
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

Manual Integrations
APPROVED

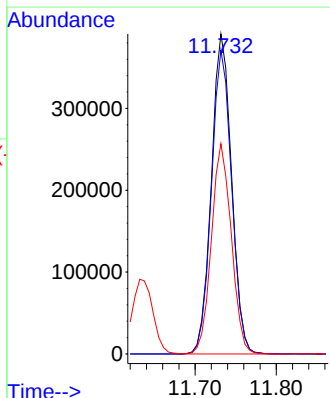
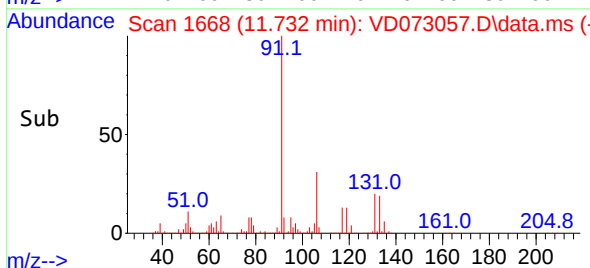
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

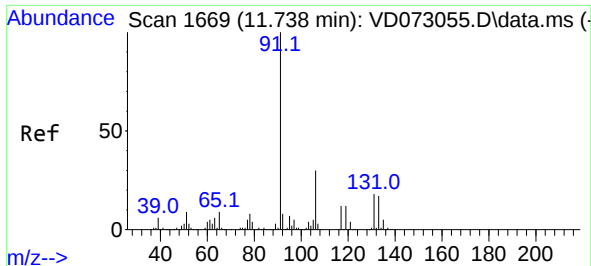


#66
1,1,1,2-Tetrachloroethane
Concen: 150.870 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion:131 Resp: 674651
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 64.9 31.9 95.9





#67

Ethyl Benzene

Concen: 161.635 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073057.D

Acq: 17 May 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 3294528

Ion Ratio Lower Upper

91 100

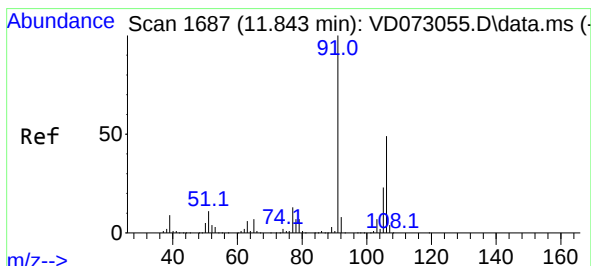
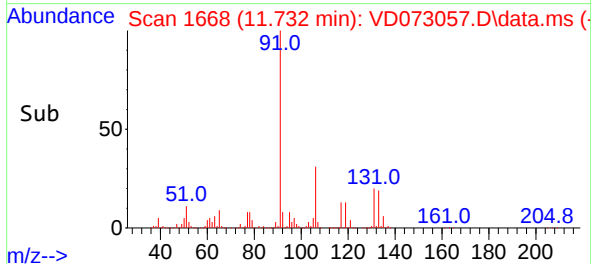
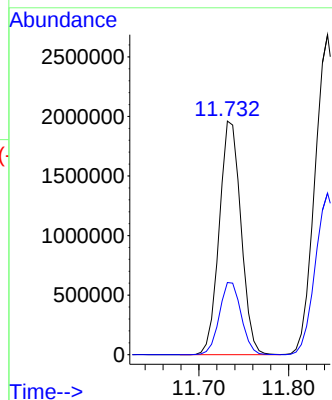
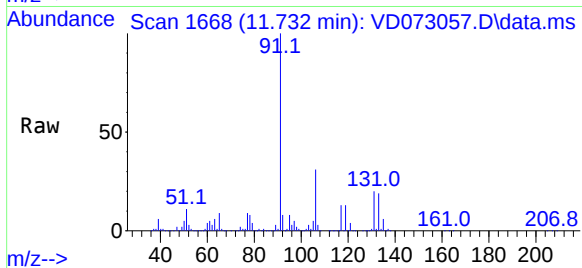
106 30.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#68

m/p-Xylenes

Concen: 322.120 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073057.D

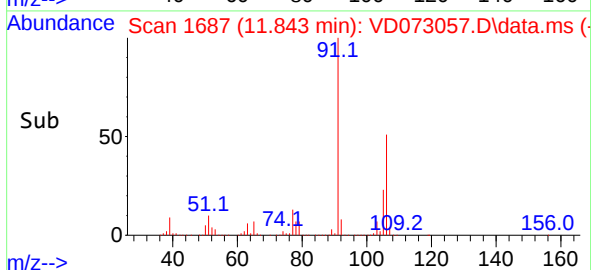
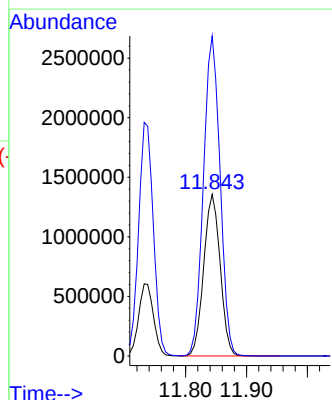
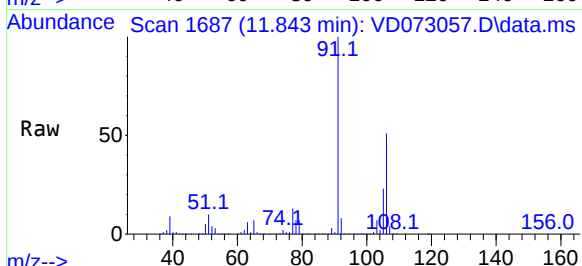
Acq: 17 May 2022 12:39

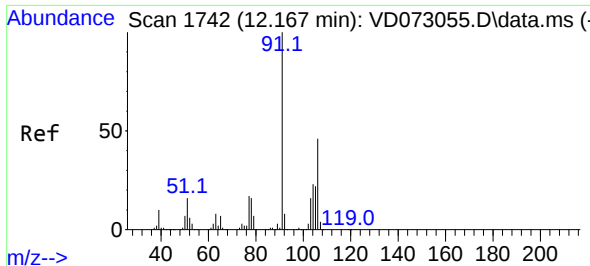
Tgt Ion:106 Resp: 2544607

Ion Ratio Lower Upper

106 100

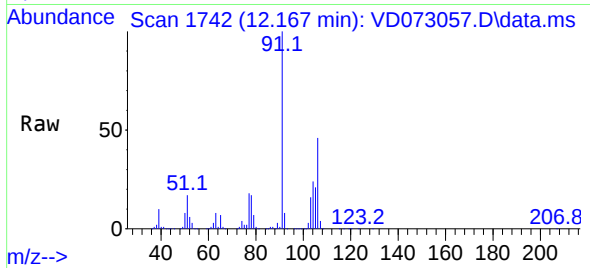
91 200.1 163.7 245.5





#69
o-Xylene
Concen: 166.225 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

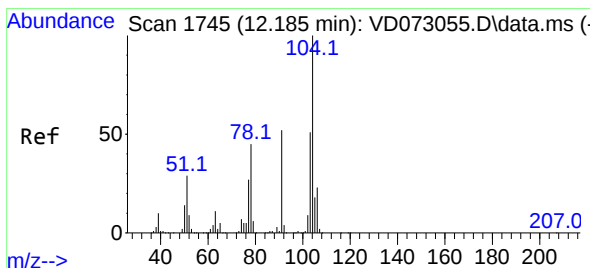
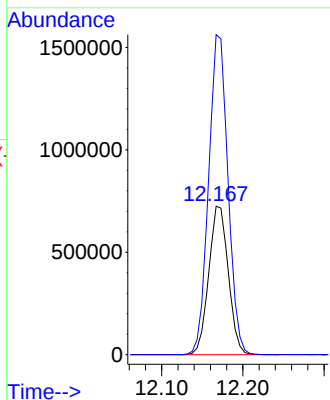
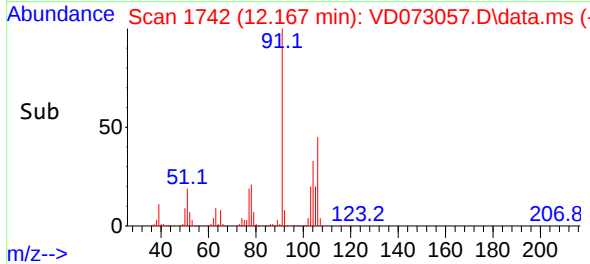
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



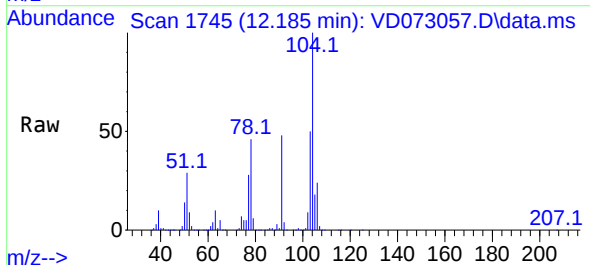
Tgt Ion:106 Resp: 1210932
Ion Ratio Lower Upper
106 100
91 213.7 110.4 331.2

Manual Integrations
APPROVED

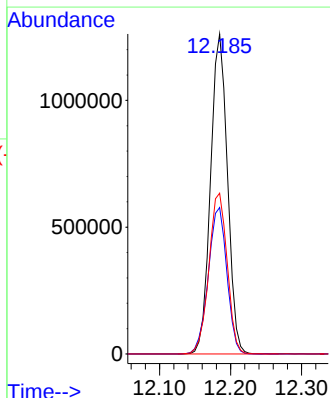
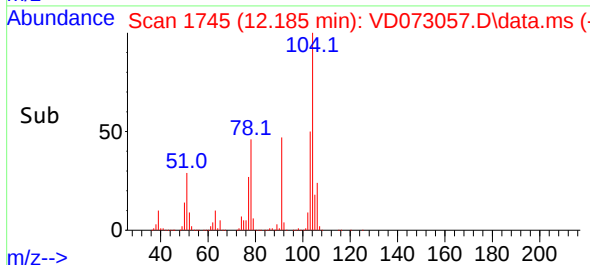
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

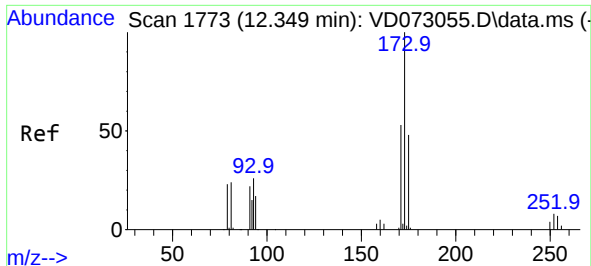


#70
Styrene
Concen: 164.032 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



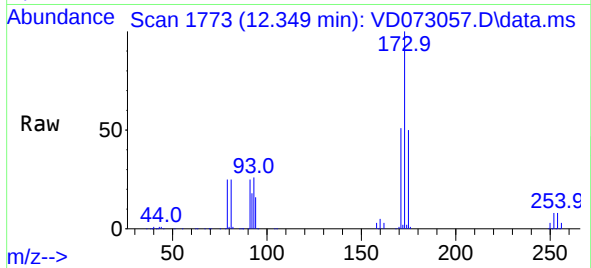
Tgt Ion:104 Resp: 2087154
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.8
103 54.4 44.2 66.4





#71
Bromoform
Concen: 155.957 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

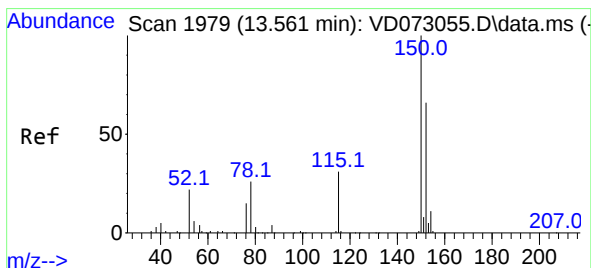
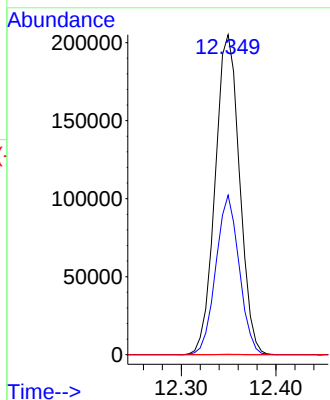
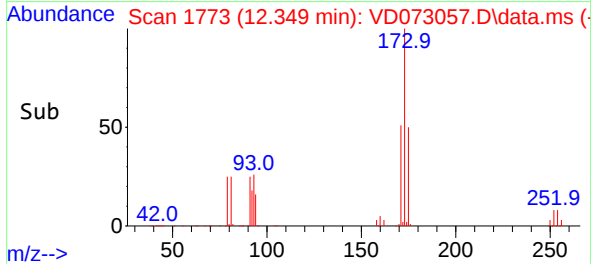
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



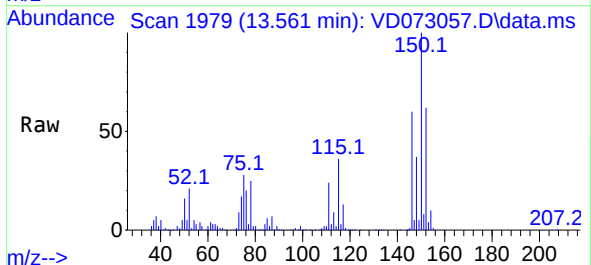
Tgt Ion:173 Resp: 36718
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

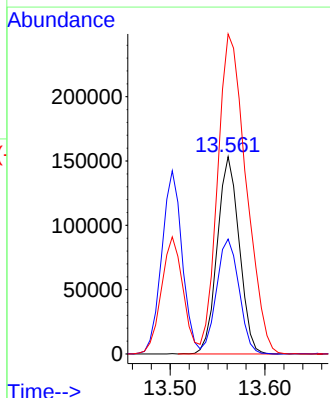
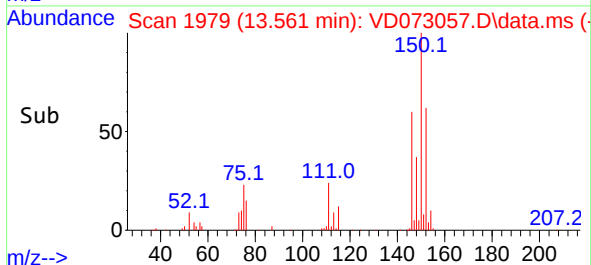
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

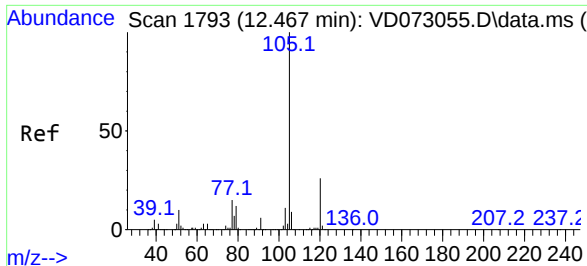


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion:152 Resp: 247654
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 209.9 0.0 348.6





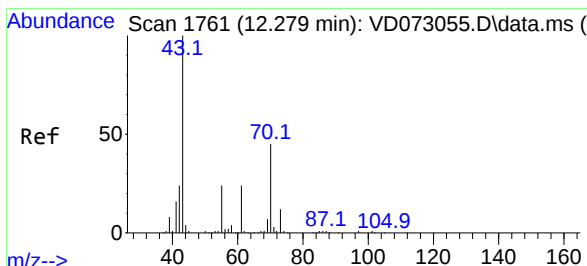
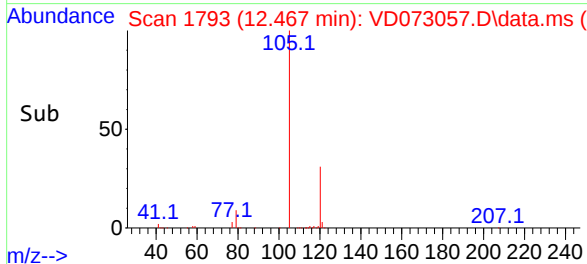
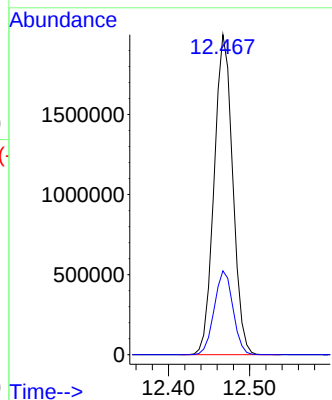
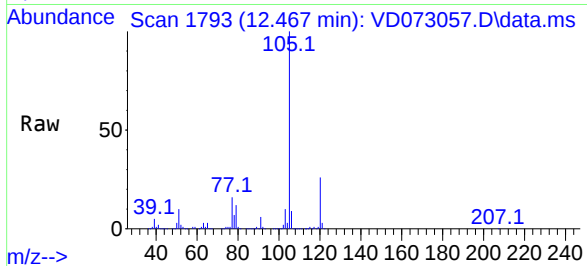
#73
Isopropylbenzene
Concen: 169.244 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 3177064
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

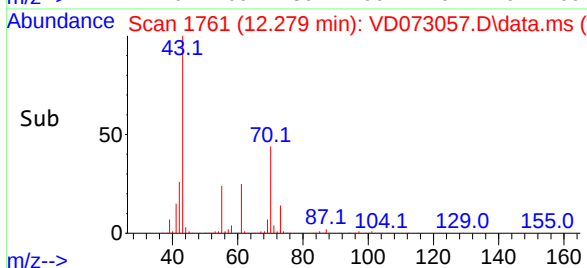
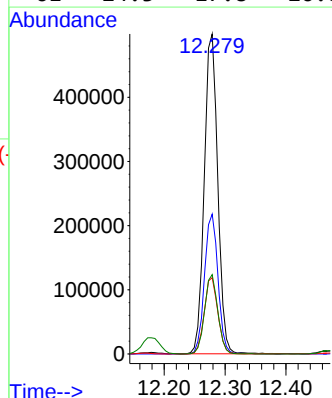
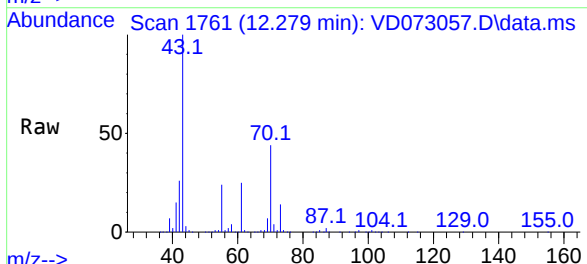
Manual Integrations
APPROVED

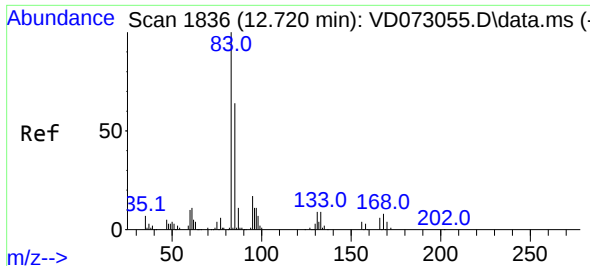
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 174.968 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion: 43 Resp: 767574
Ion Ratio Lower Upper
43 100
70 43.9 31.3 46.9
55 24.1 20.0 30.0
61 24.3 17.8 26.8





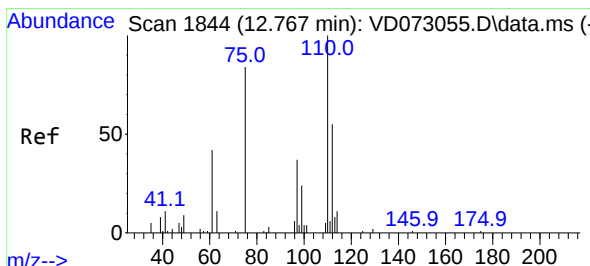
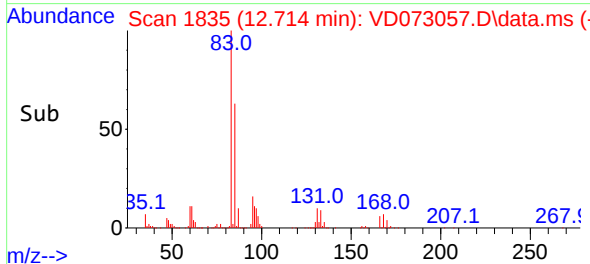
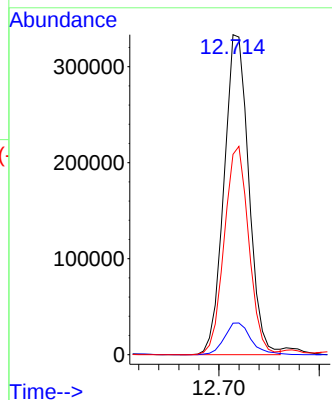
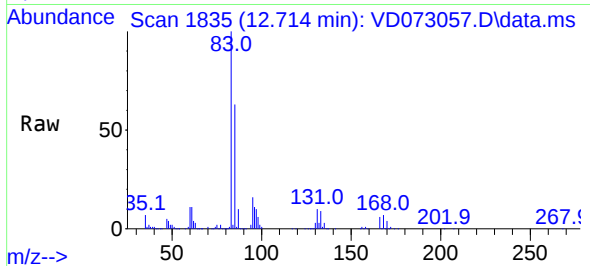
#75
1,1,2,2-Tetrachloroethane
Concen: 154.104 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 57030
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 64.4 32.6 98.0

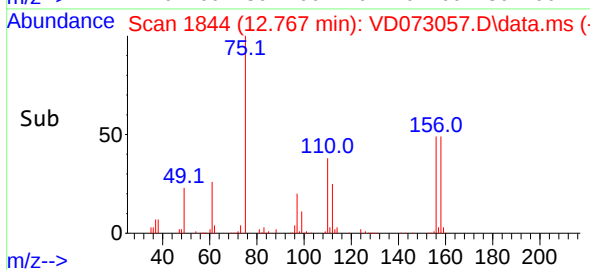
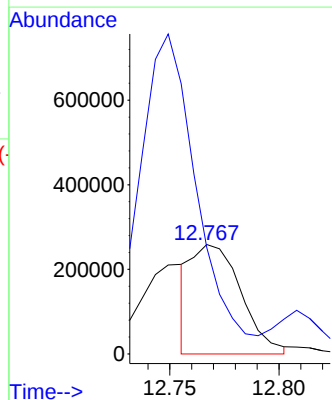
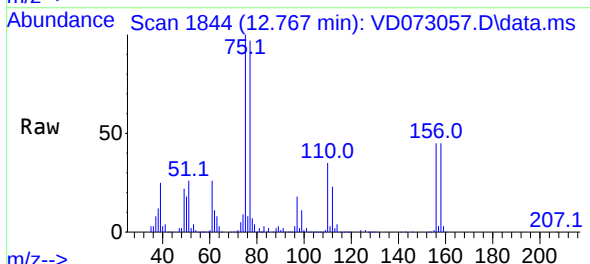
Manual Integrations
APPROVED

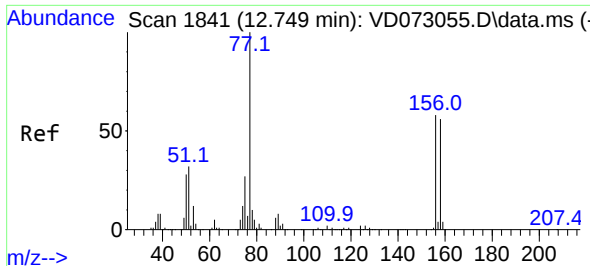
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,2,3-Trichloropropane
Concen: 144.227 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

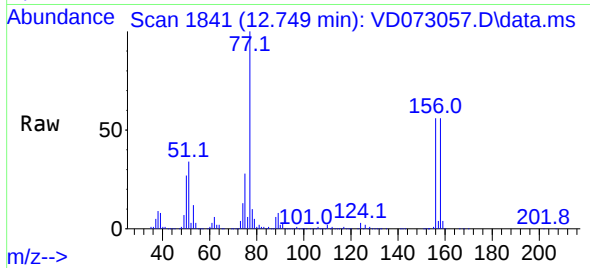
Tgt Ion: 75 Resp: 408619
Ion Ratio Lower Upper
75 100
77 340.9 0.0 0.0#





#77
Bromobenzene
Concen: 158.936 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

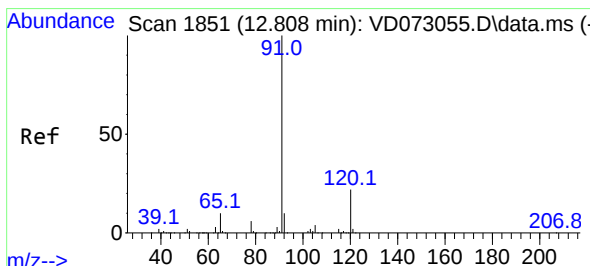
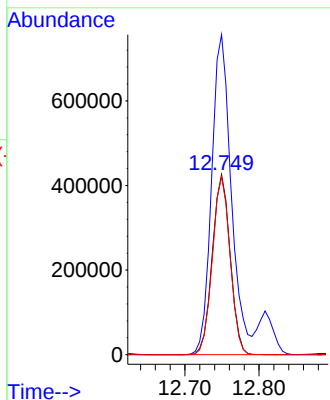
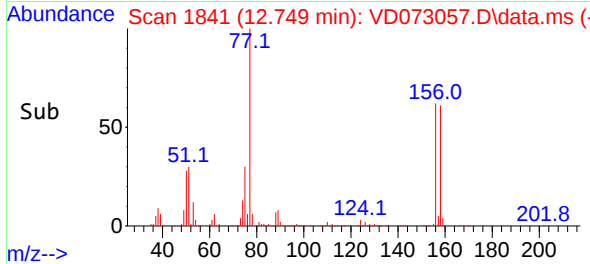
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



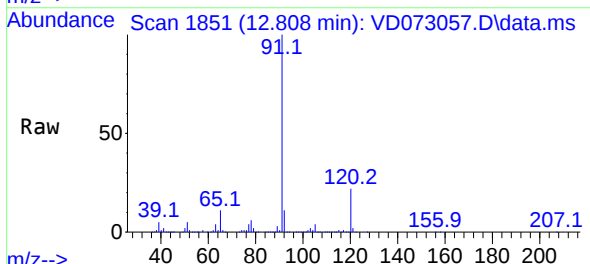
Tgt Ion:156 Resp: 71187
Ion Ratio Lower Upper
156 100
77 195.7 102.8 308.3
158 97.8 48.7 146.1

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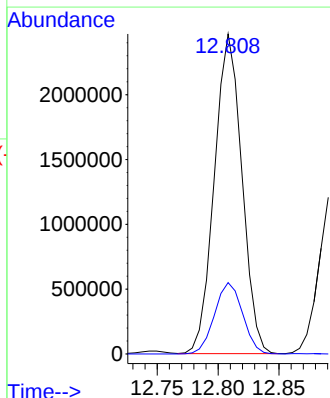
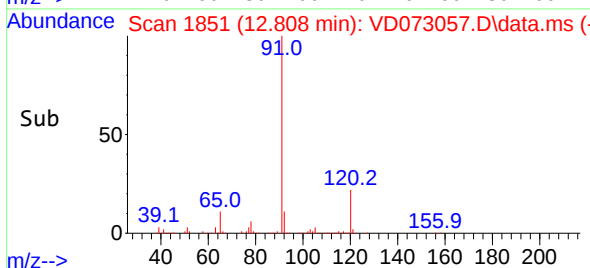
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

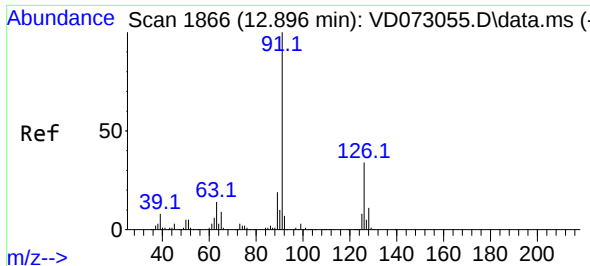


#78
n-propylbenzene
Concen: 164.495 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion: 91 Resp: 3877734
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9





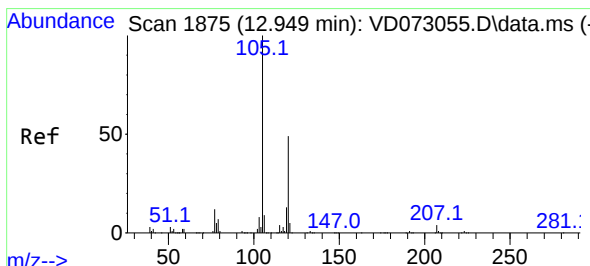
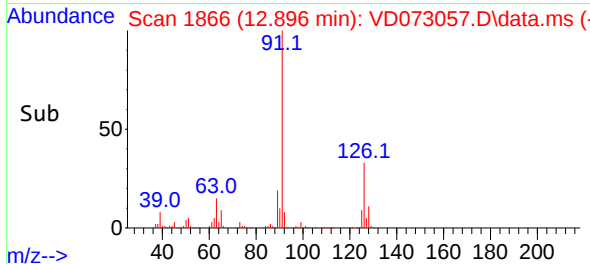
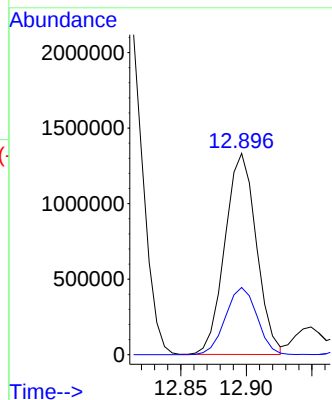
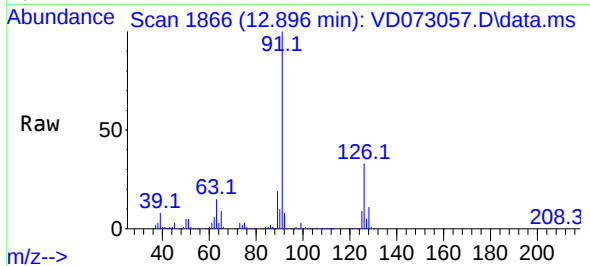
#79
2-Chlorotoluene
Concen: 161.802 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2222010
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6

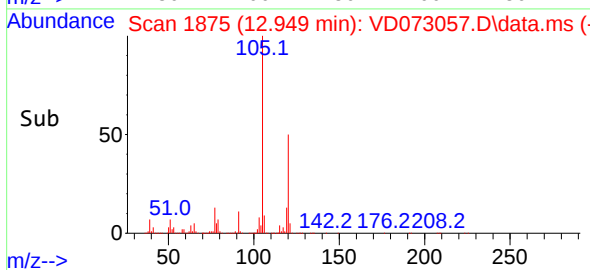
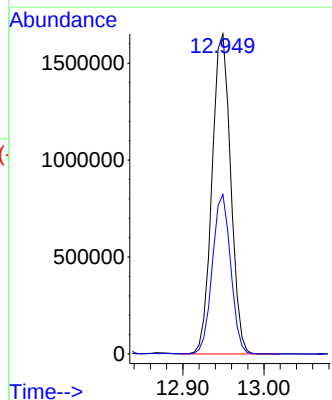
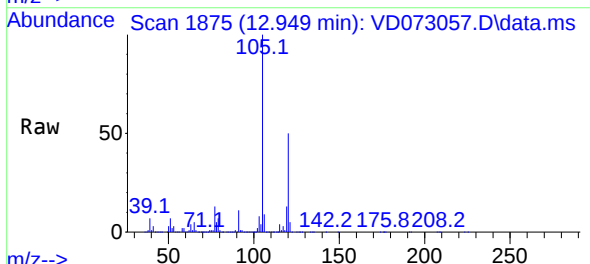
Manual Integrations
APPROVED

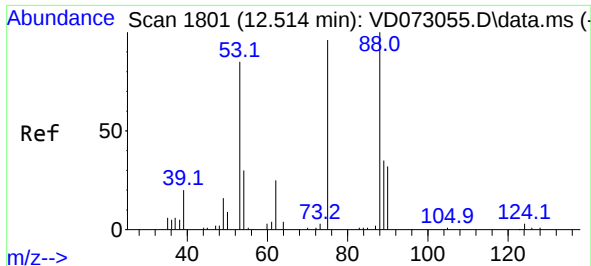
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 164.649 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

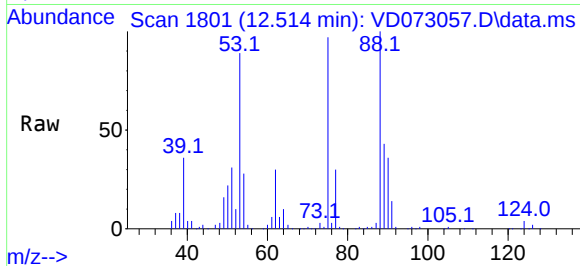
Tgt Ion:105 Resp: 2633104
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 167.221 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

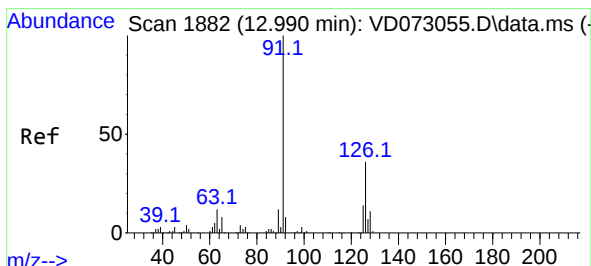
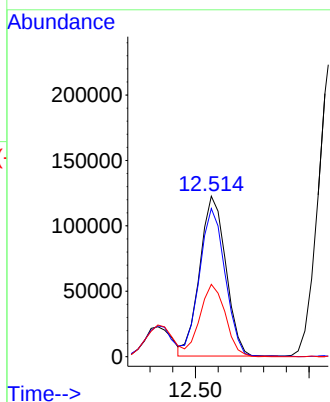
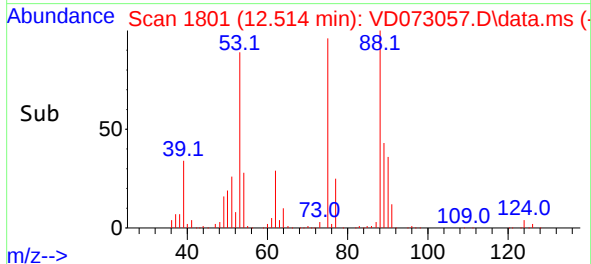
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



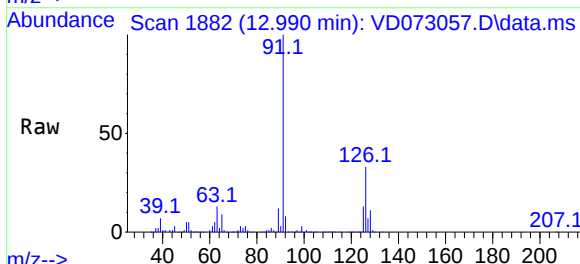
Tgt Ion: 75 Resp: 19524
Ion Ratio Lower Upper
75 100
53 92.4 86.5 129.7
89 43.9 33.9 50.9

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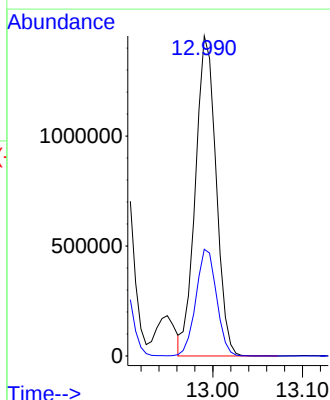
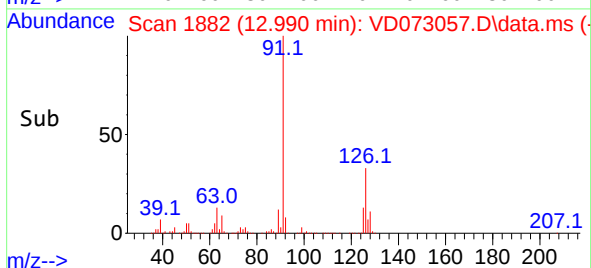
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

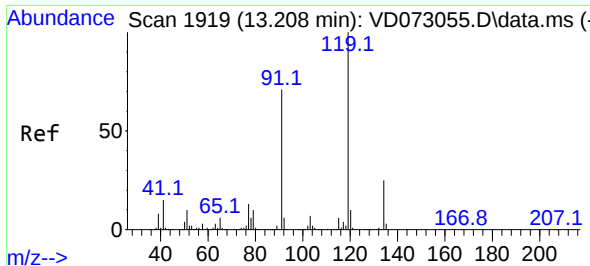


#82
4-Chlorotoluene
Concen: 159.804 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



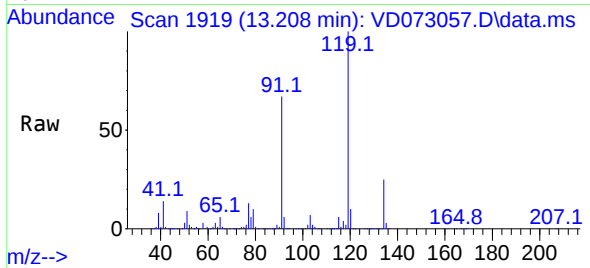
Tgt Ion: 91 Resp: 2322638
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 169.282 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

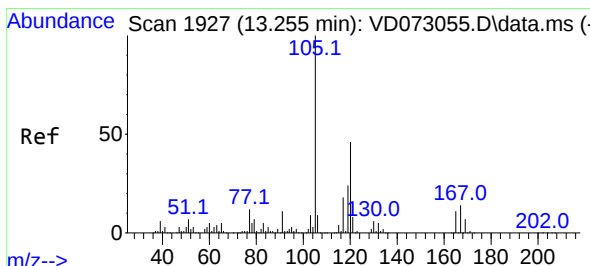
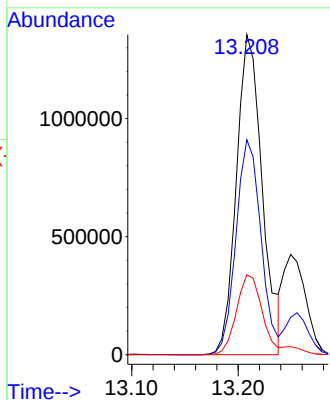
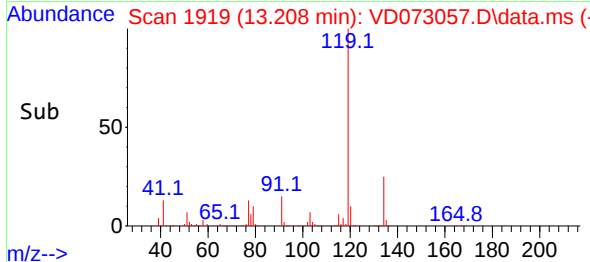
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



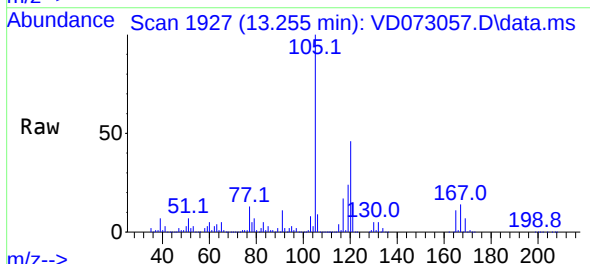
Tgt Ion:119 Resp: 229310
Ion Ratio Lower Upper
119 100
91 65.0 34.8 104.5
134 26.5 13.3 39.9

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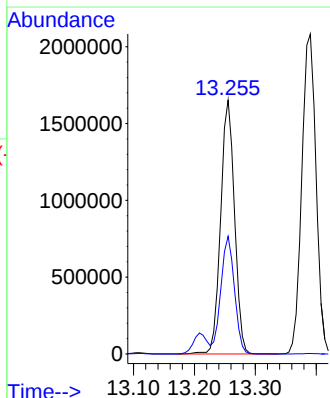
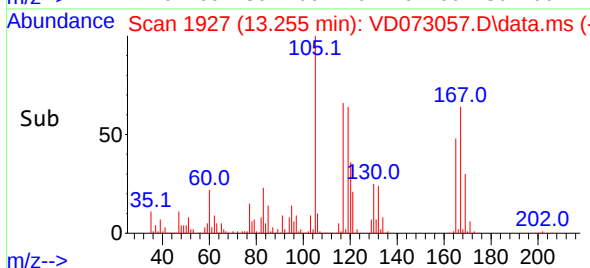
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

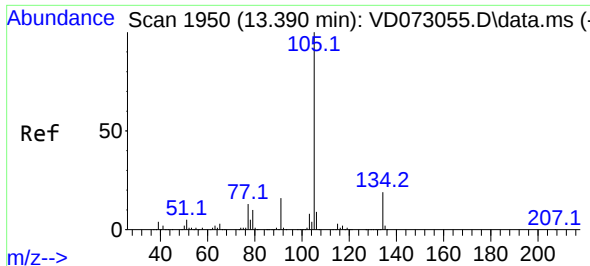


#84
1,2,4-Trimethylbenzene
Concen: 164.355 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



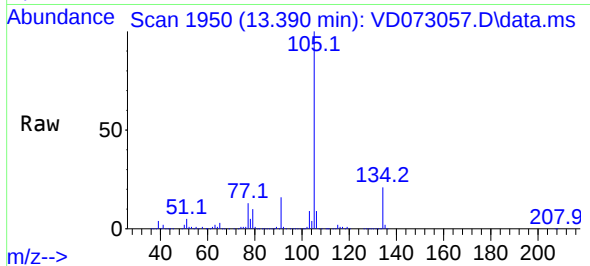
Tgt Ion:105 Resp: 2614984
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 163.816 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073057.D
 Acq: 17 May 2022 12:39

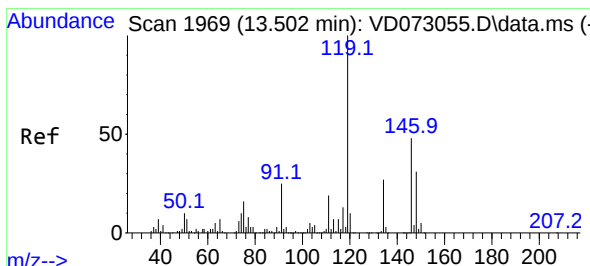
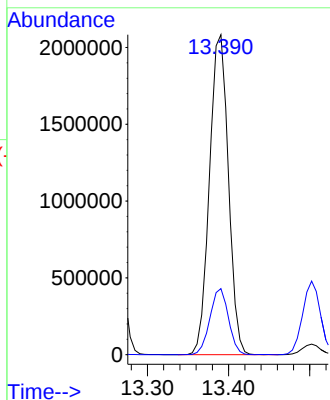
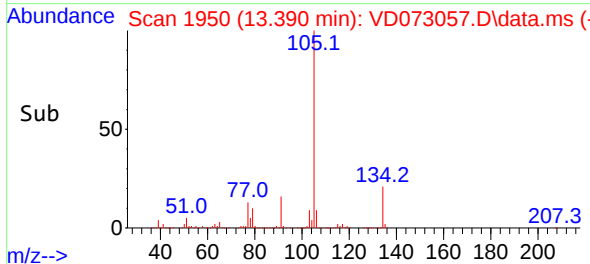
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



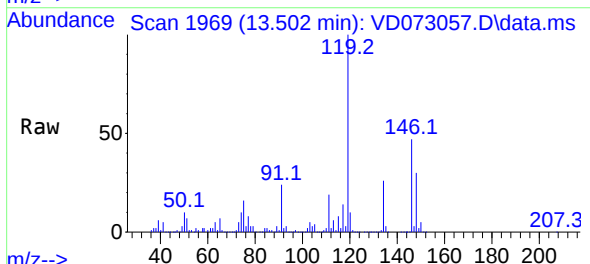
Tgt Ion:105 Resp: 3368338
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

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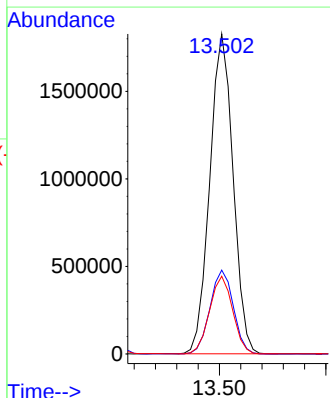
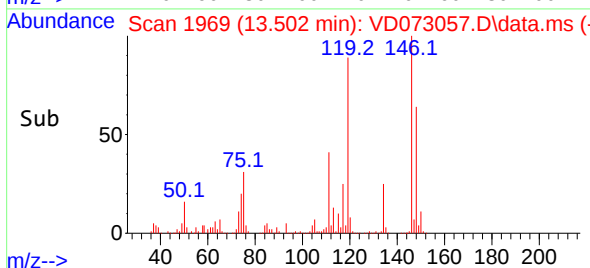
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

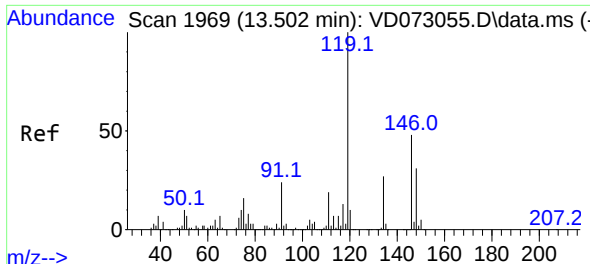


#86
 p-Isopropyltoluene
 Concen: 165.785 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073057.D
 Acq: 17 May 2022 12:39



Tgt Ion:119 Resp: 2772723
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.1 12.1 36.3





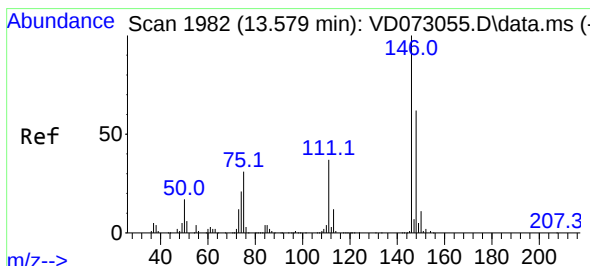
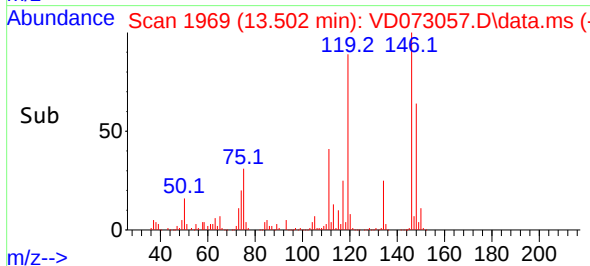
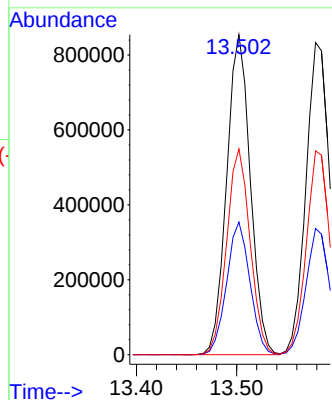
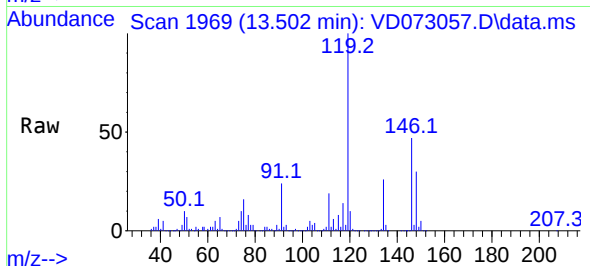
#87
1,3-Dichlorobenzene
Concen: 152.460 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 140352
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 63.7 31.9 95.7

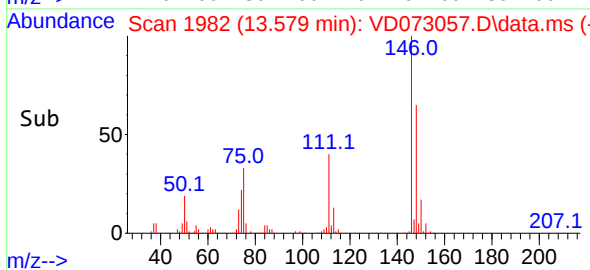
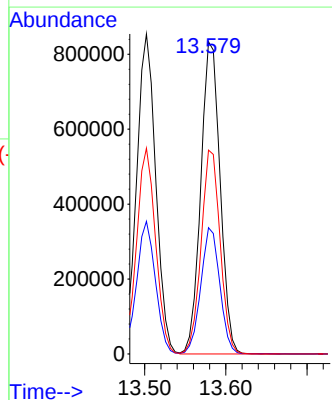
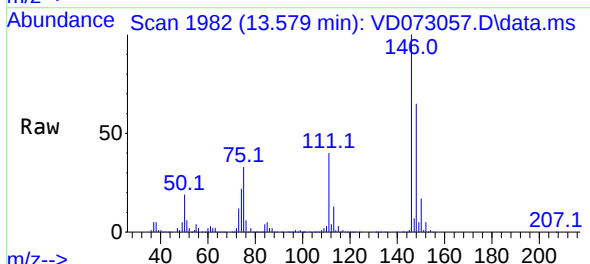
Manual Integrations
APPROVED

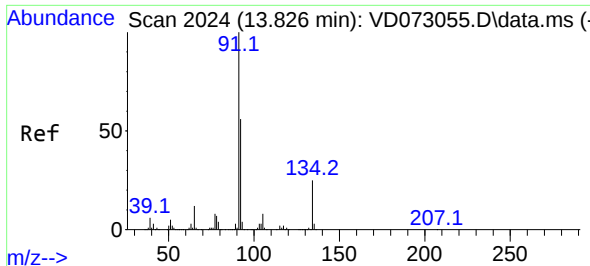
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#88
1,4-Dichlorobenzene
Concen: 151.612 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion:146 Resp: 1379228
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 64.2 31.7 95.1





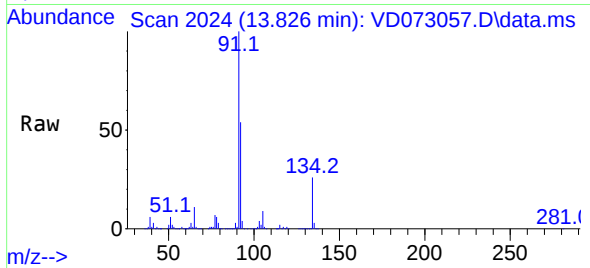
#89
n-Butylbenzene
Concen: 165.112 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

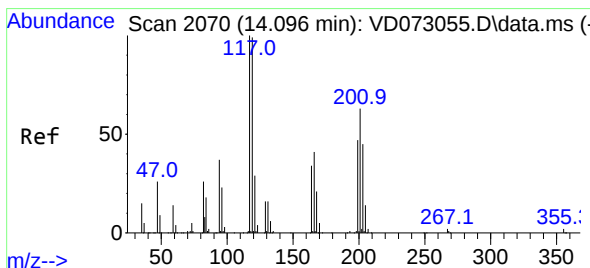
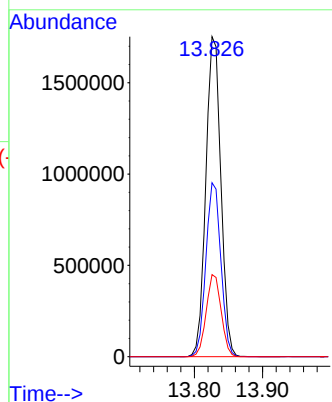


Tgt Ion: 91 Resp: 268551
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 25.5 12.3 36.9

Manual Integrations

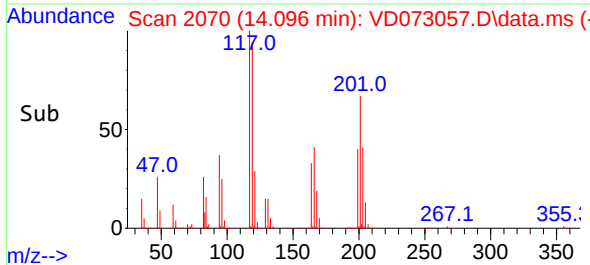
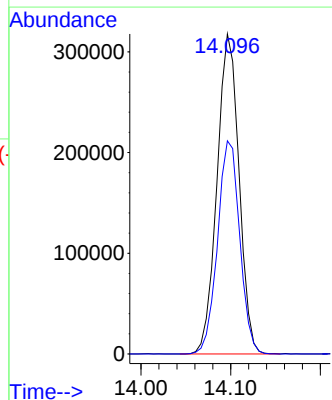
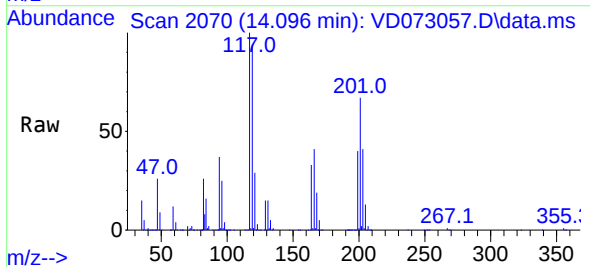
APPROVED

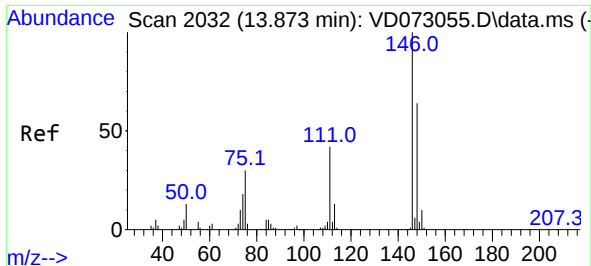
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 155.700 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

Tgt Ion:117 Resp: 541090
Ion Ratio Lower Upper
117 100
201 67.1 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 153.743 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073057.D

Acq: 17 May 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 1227574

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

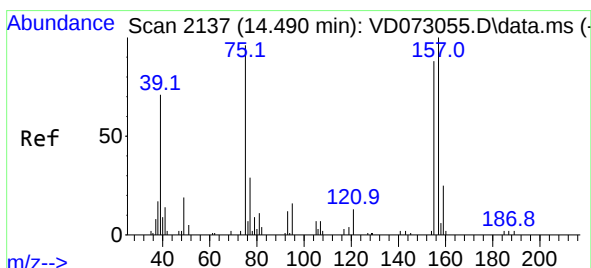
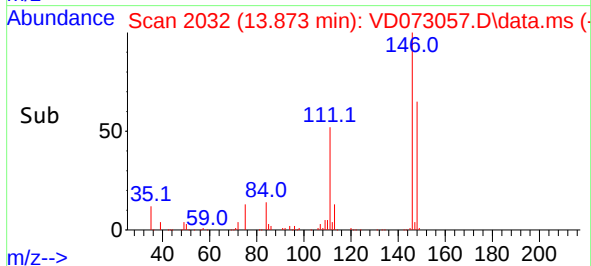
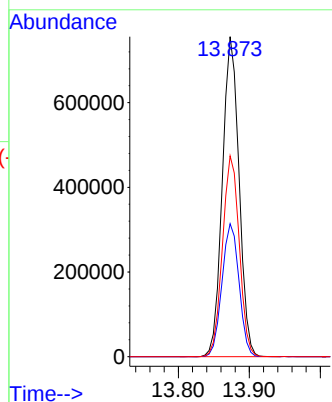
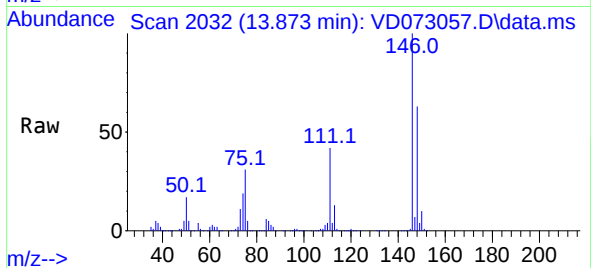
148 63.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 156.910 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD073057.D

Acq: 17 May 2022 12:39

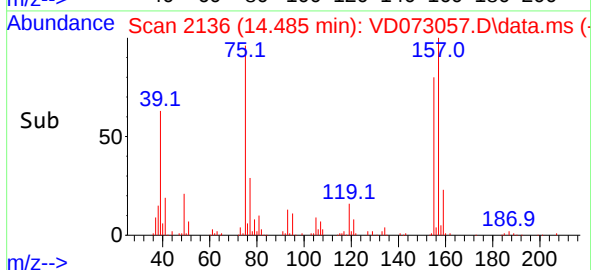
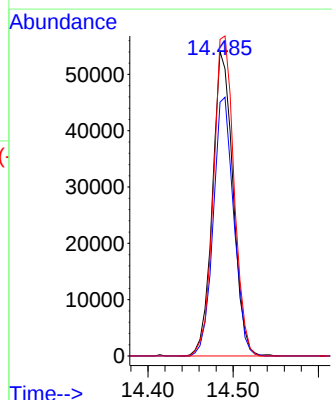
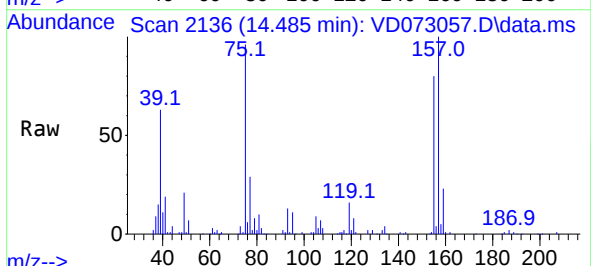
Tgt Ion: 75 Resp: 90261

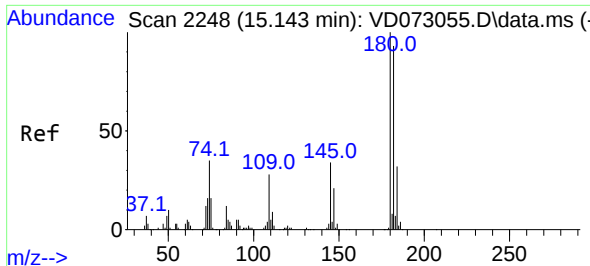
Ion Ratio Lower Upper

75 100

155 84.8 36.8 110.3

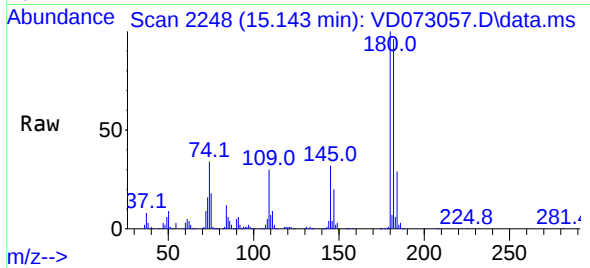
157 105.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 166.132 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

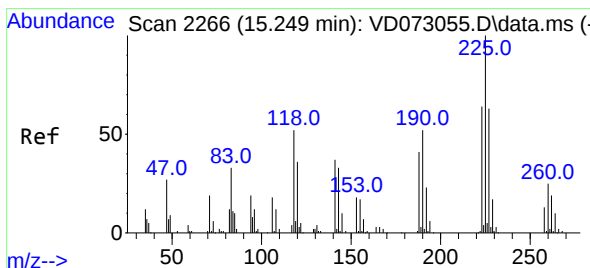
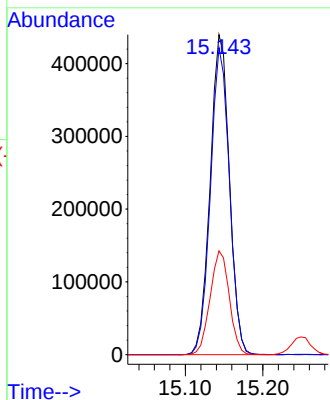
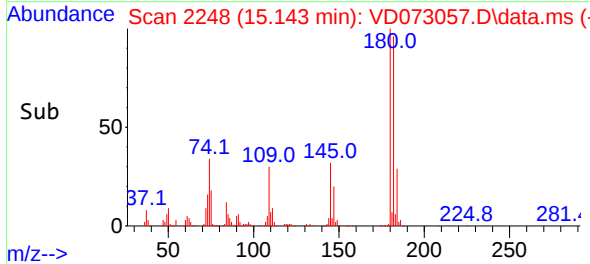
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



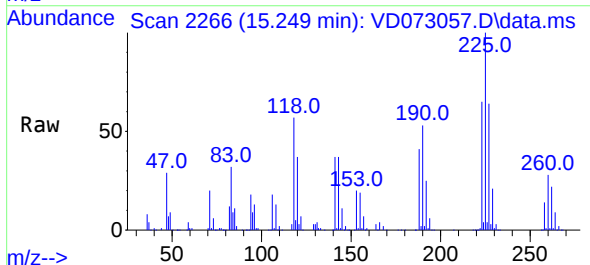
Tgt Ion:180 Resp: 756840
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 32.4 16.2 48.5

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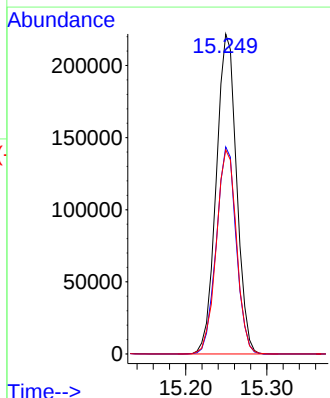
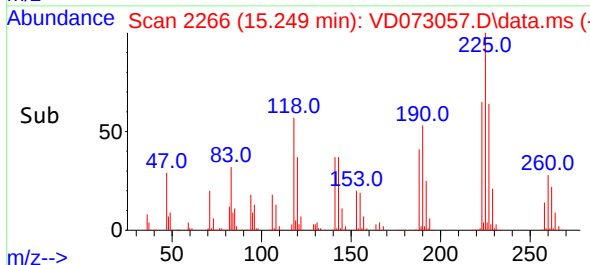
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

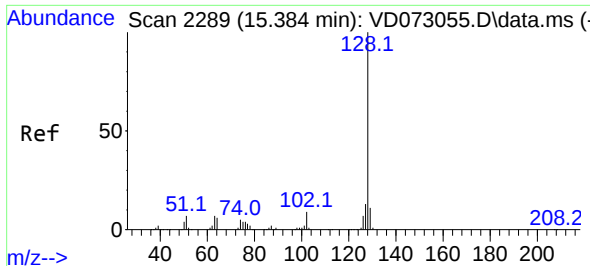


#94
Hexachlorobutadiene
Concen: 151.757 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



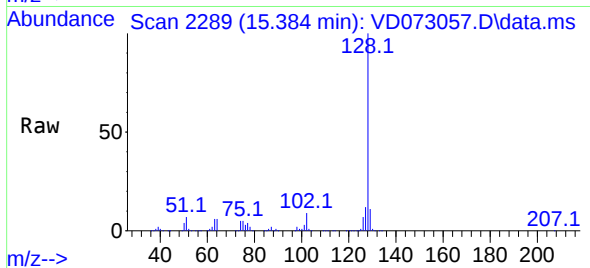
Tgt Ion:225 Resp: 385898
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.4 32.4 97.0





#95
Naphthalene
Concen: 184.885 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39

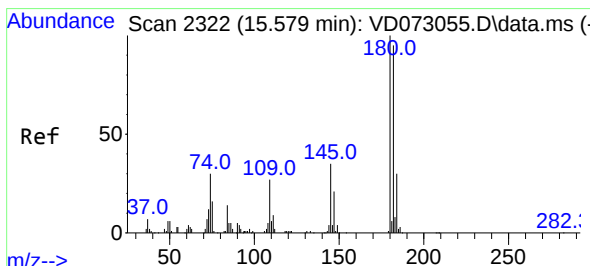
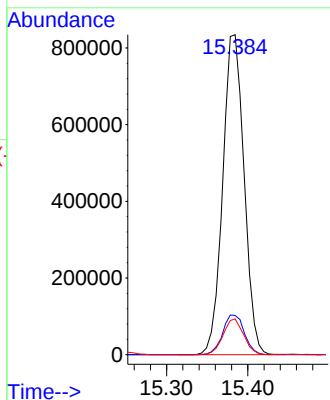
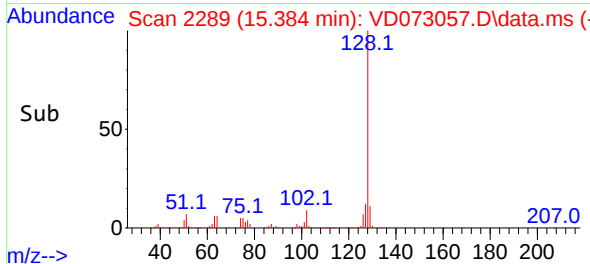
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



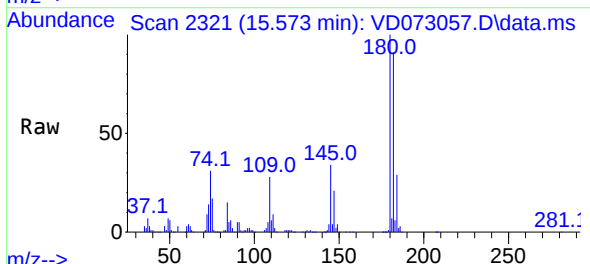
Tgt Ion:128 Resp: 152574
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 164.635 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073057.D
Acq: 17 May 2022 12:39



Tgt Ion:180 Resp: 665885
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.9
145 33.6 17.1 51.3

