

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073053.D
 Acq On : 17 May 2022 10:47
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: May 18 04:35:53 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	280042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	481642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	475281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	35000	9.994	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.980%#		
35) Dibromofluoromethane	7.908	113	33130	9.797	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.600%#		
50) Toluene-d8	10.332	98	115610	9.424	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.840%#		
62) 4-Bromofluorobenzene	12.620	95	40941	9.214	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	38483	10.989	ug/l	95
3) Chloromethane	2.209	50	38987	10.799	ug/l	93
4) Vinyl Chloride	2.350	62	34070	10.262	ug/l	95
5) Bromomethane	2.762	94	25180	10.678	ug/l	88
6) Chloroethane	2.920	64	21697	10.494	ug/l	97
7) Trichlorofluoromethane	3.273	101	61637	10.145	ug/l	96
8) Diethyl Ether	3.709	74	16085	9.675	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	36270	10.081	ug/l	98
10) Methyl Iodide	4.291	142	30259	8.326	ug/l	98
11) Tert butyl alcohol	5.185	59	40716	75.164	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	31980	9.829	ug/l	87
13) Acrolein	3.920	56	15755	53.696	ug/l	97
14) Allyl chloride	4.709	41	47995	9.311	ug/l	93
15) Acrylonitrile	5.420	53	37840	47.489	ug/l	99
16) Acetone	4.150	43	33480	52.827	ug/l	97
17) Carbon Disulfide	4.409	76	109498	10.048	ug/l	99
18) Methyl Acetate	4.714	43	17819	8.906	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	70521	9.268	ug/l	95
20) Methylene Chloride	4.962	84	53781	11.692	ug/l #	83
21) trans-1,2-Dichloroethene	5.467	96	37456	9.678	ug/l	85
22) Diisopropyl ether	6.361	45	105555	9.540	ug/l #	94
23) Vinyl Acetate	6.303	43	279333	46.733	ug/l	96
24) 1,1-Dichloroethane	6.267	63	70046	10.176	ug/l	98
25) 2-Butanone	7.208	43	47561	49.559	ug/l	94
26) 2,2-Dichloropropane	7.197	77	57618	9.887	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	41683	9.767	ug/l	92
28) Bromochloromethane	7.544	49	21923	9.298	ug/l #	78
29) Tetrahydrofuran	7.555	42	29305	47.456	ug/l	95
30) Chloroform	7.703	83	76162	10.341	ug/l	90
31) Cyclohexane	7.979	56	61564	9.759	ug/l #	76
32) 1,1,1-Trichloroethane	7.903	97	62610	9.923	ug/l	94
36) 1,1-Dichloropropene	8.103	75	54522	9.895	ug/l	97
37) Ethyl Acetate	7.291	43	23466	10.141	ug/l	97
38) Carbon Tetrachloride	8.097	117	55944	9.924	ug/l	89
39) Methylcyclohexane	9.350	83	56669	8.820	ug/l	90
40) Benzene	8.350	78	155533	9.872	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	13417	10.282	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	46146	10.063	ug/l	98
43) Isopropyl Acetate	8.444	43	41045	9.540	ug/l #	93
44) Trichloroethene	9.102	130	42195	9.901	ug/l	92
45) 1,2-Dichloropropane	9.379	63	41162	10.060	ug/l	99
46) Dibromomethane	9.467	93	23497	10.386	ug/l	98
47) Bromodichloromethane	9.655	83	55914	9.731	ug/l	96
48) Methyl methacrylate	9.450	41	18425	8.634	ug/l #	86
49) 1,4-Dioxane	9.461	88	4635	196.779	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	107250	47.768	ug/l	99
52) Toluene	10.397	92	93544	9.352	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	50236	9.586	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	60118	9.730	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	30265	9.801	ug/l	96
56) Ethyl methacrylate	10.649	69	30176	8.641	ug/l	89
57) 1,3-Dichloropropane	10.938	76	52533	9.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	61214	38.613	ug/l	98
59) 2-Hexanone	10.973	43	67545	45.541	ug/l	99
60) Dibromochloromethane	11.132	129	37235	9.705	ug/l	96
61) 1,2-Dibromoethane	11.244	107	28336	9.536	ug/l	95
64) Tetrachloroethene	10.867	164	34545	9.921	ug/l	97
65) Chlorobenzene	11.661	112	106312	9.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	40630	9.870	ug/l	100
67) Ethyl Benzene	11.738	91	175224	9.338	ug/l	97
68) m/p-Xylenes	11.844	106	135400	18.619	ug/l	98
69) o-Xylene	12.173	106	60200	8.976	ug/l	98
70) Styrene	12.185	104	106883	9.125	ug/l	96
71) Bromoform	12.349	173	21359	9.855	ug/l #	97
73) Isopropylbenzene	12.467	105	159609	8.906	ug/l	99
74) N-amyl acetate	12.279	43	36767	8.778	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	35212	9.966	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	25001m	9.243	ug/l	
77) Bromobenzene	12.749	156	40608	9.496	ug/l	94
78) n-propylbenzene	12.808	91	203064	9.023	ug/l	99
79) 2-Chlorotoluene	12.896	91	119807	9.138	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	139220	9.118	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	10197	9.148	ug/l	86
82) 4-Chlorotoluene	12.991	91	131195	9.455	ug/l	99
83) tert-Butylbenzene	13.214	119	115425	8.925	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	138849	9.141	ug/l	100
85) sec-Butylbenzene	13.390	105	178537	9.095	ug/l	98
86) p-Isopropyltoluene	13.502	119	142043	8.896	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	86739	9.869	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	88331	10.170	ug/l	98
89) n-Butylbenzene	13.832	91	136649	8.800	ug/l	99
90) Hexachloroethane	14.090	117	32124	9.682	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	74167	9.729	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5739	10.450	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	38348	8.817	ug/l	97
94) Hexachlorobutadiene	15.249	225	24587	10.128	ug/l	94
95) Naphthalene	15.384	128	65032	8.254	ug/l	97
96) 1,2,3-Trichlorobenzene	15.573	180	35856	9.286	ug/l	97

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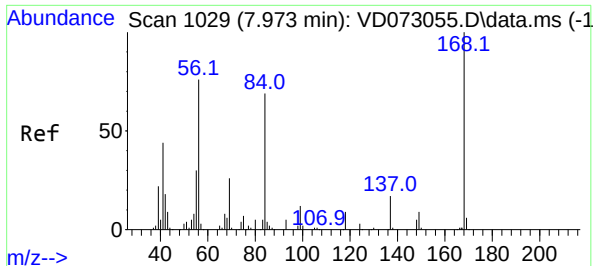
Manual Integrations
APPROVED

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

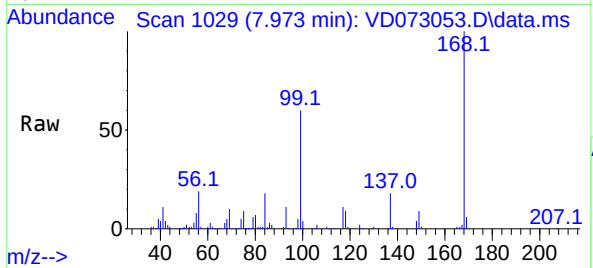
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073053.D
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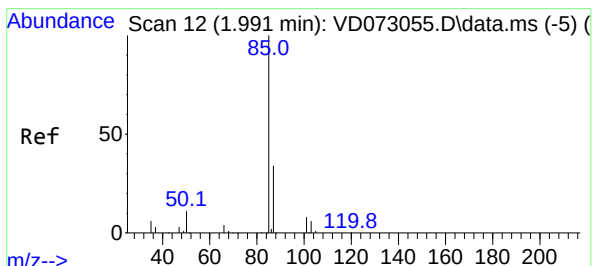
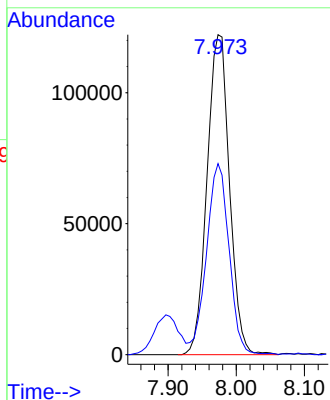
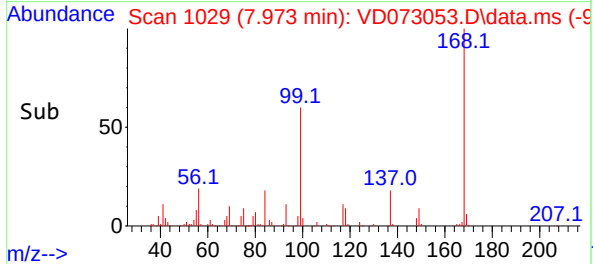
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 28004
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6

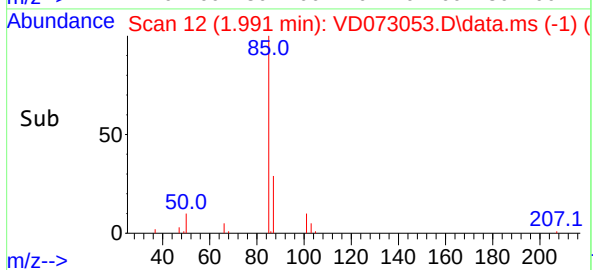
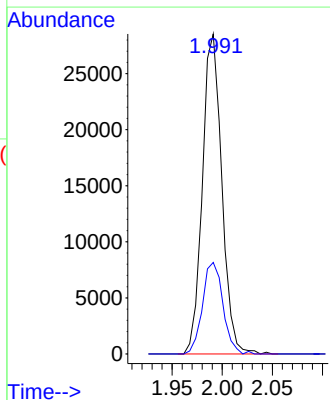
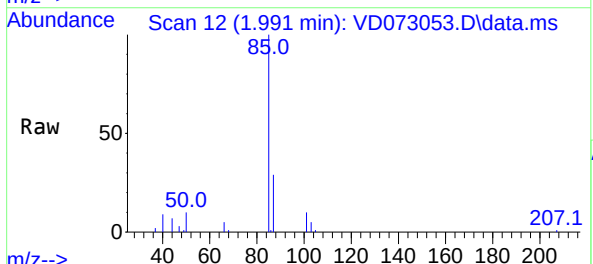
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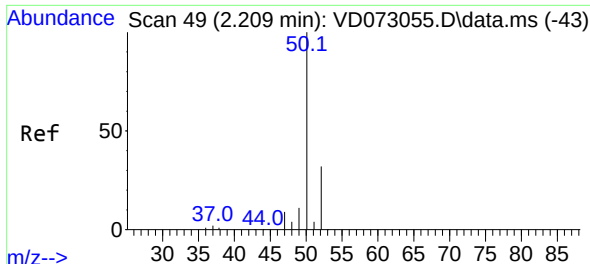
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#2
Dichlorodifluoromethane
Concen: 10.989 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

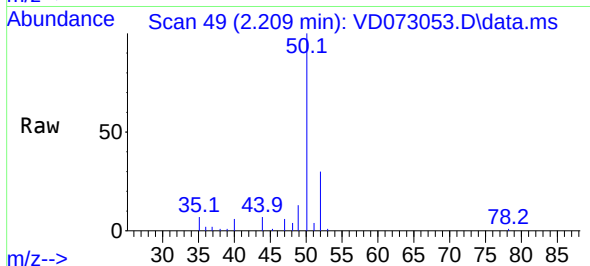
Tgt Ion: 85 Resp: 38483
Ion Ratio Lower Upper
85 100
87 28.6 15.7 47.0





#3
Chloromethane
Concen: 10.799 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

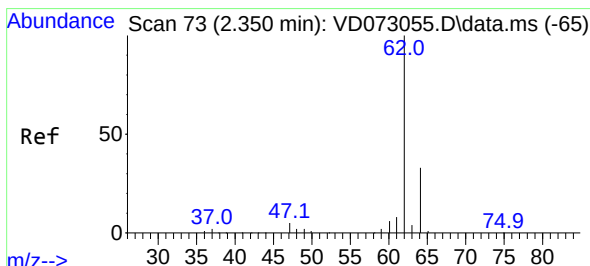
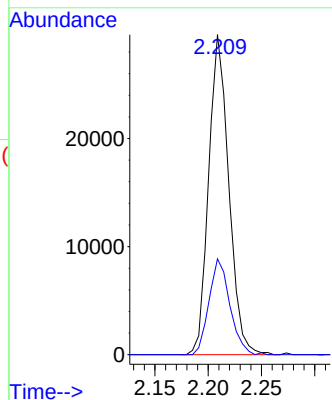
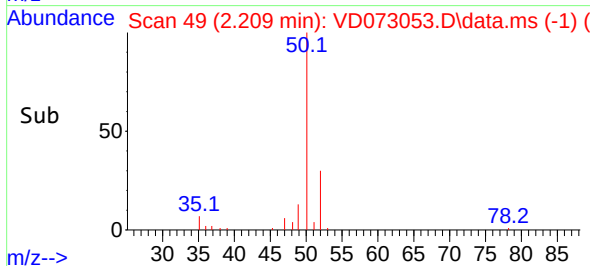
Instrument :
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Tgt Ion: 50 Resp: 3898
Ion Ratio Lower Upper
50 100
52 30.0 27.4 41.0

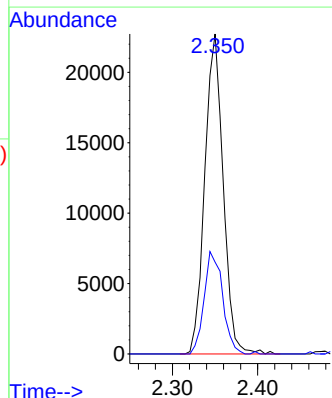
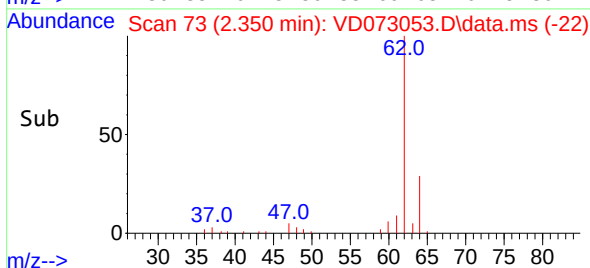
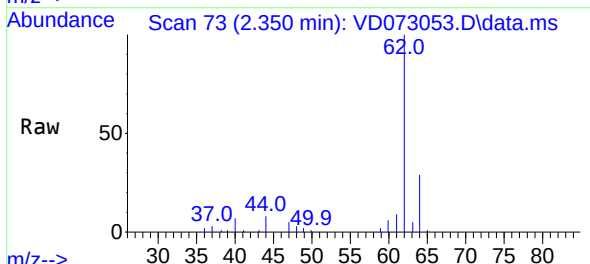
Manual Integrations
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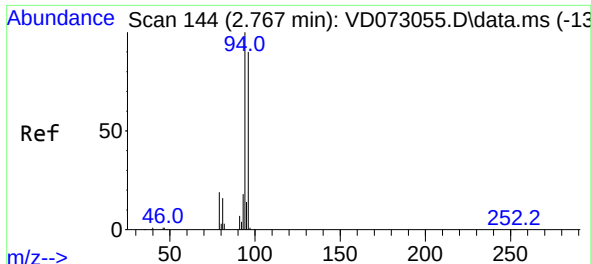
Reviewed By :John Carlone 05/18/2022
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#4
Vinyl Chloride
Concen: 10.262 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

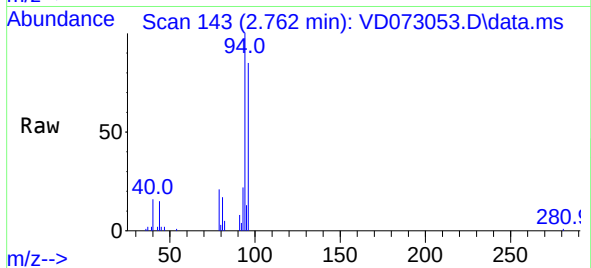
Tgt Ion: 62 Resp: 34070
Ion Ratio Lower Upper
62 100
64 28.7 25.4 38.0





#5
Bromomethane
Concen: 10.678 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

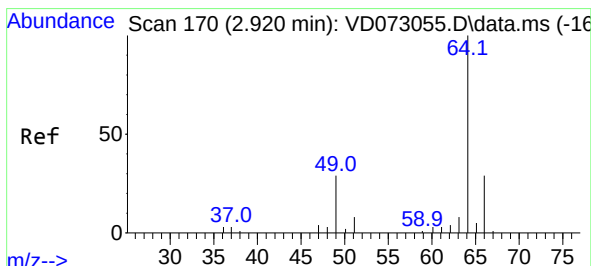
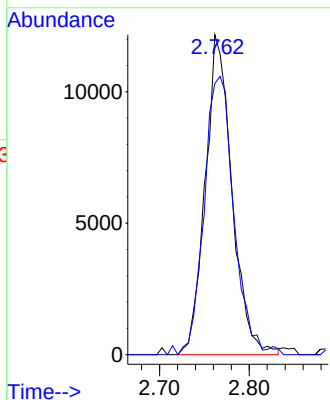
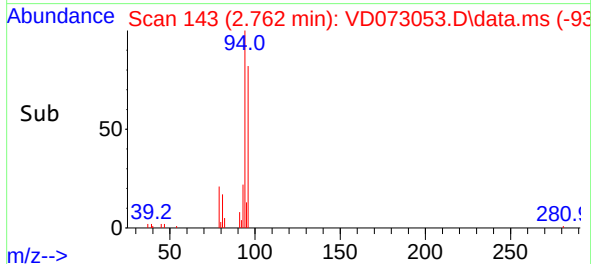
Instrument :
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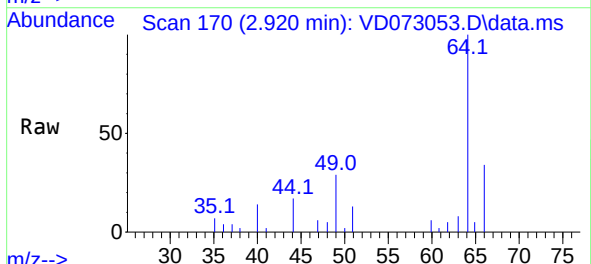
Tgt Ion: 94 Resp: 25180
Ion Ratio Lower Upper
94 100
96 84.8 77.6 116.4

Manual Integrations
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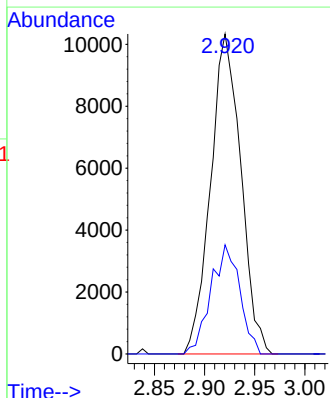
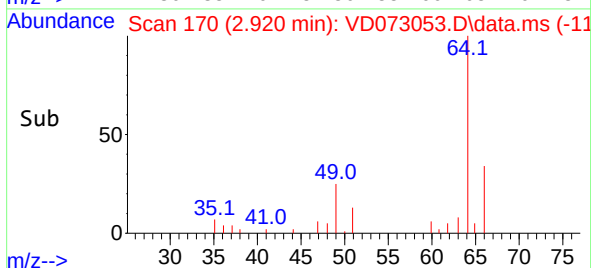
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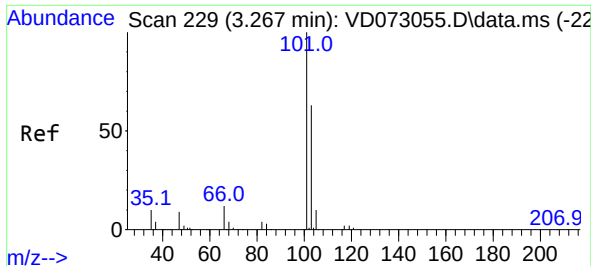


#6
Chloroethane
Concen: 10.494 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



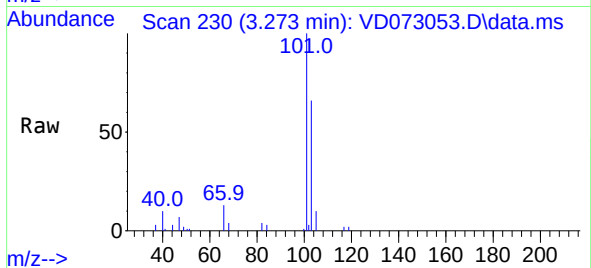
Tgt Ion: 64 Resp: 21697
Ion Ratio Lower Upper
64 100
66 34.1 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 10.145 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

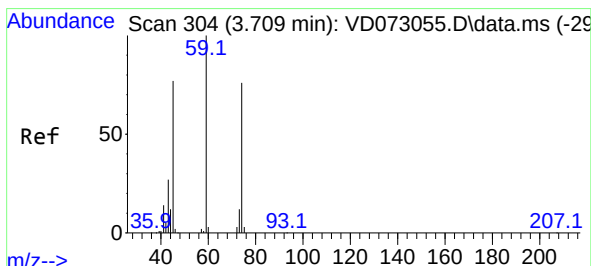
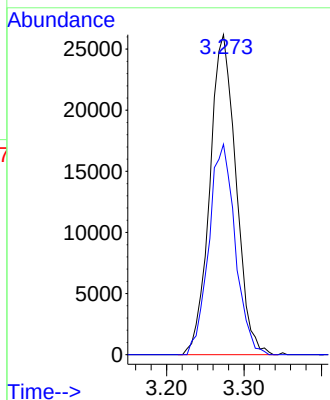
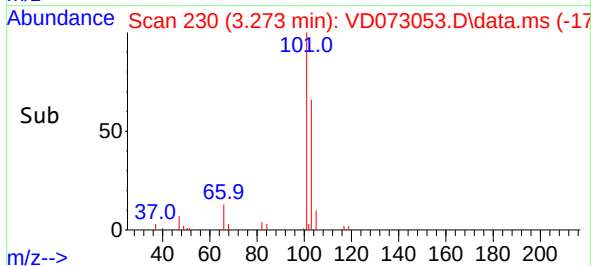
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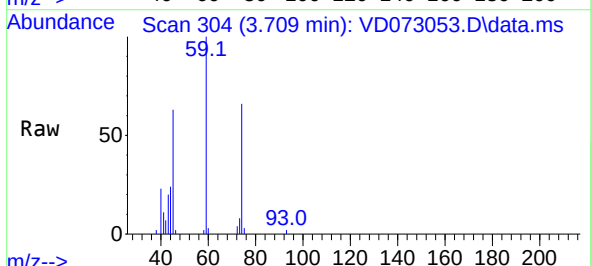
Tgt Ion:101 Resp: 6163
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.1 75.1

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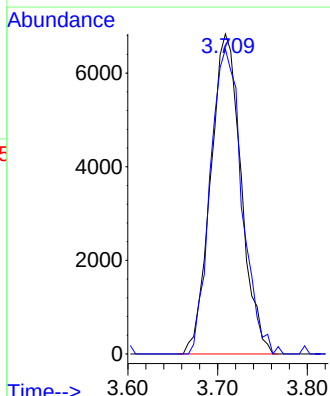
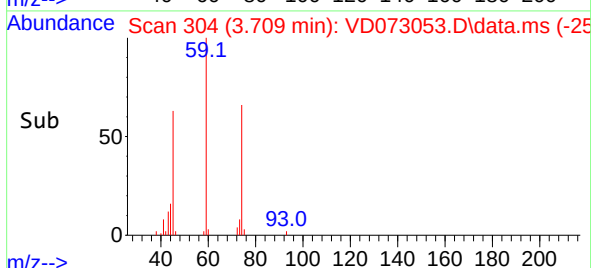
Reviewed By :John Carlone 05/18/2022
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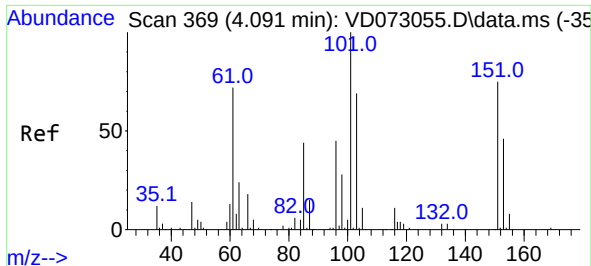


#8
 Diethyl Ether
 Concen: 9.675 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073053.D
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Tgt Ion: 74 Resp: 16085
 Ion Ratio Lower Upper
 74 100
 45 99.1 52.6 157.8





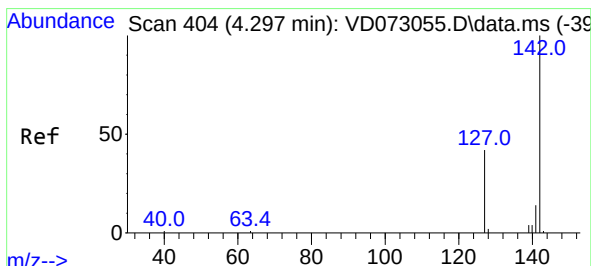
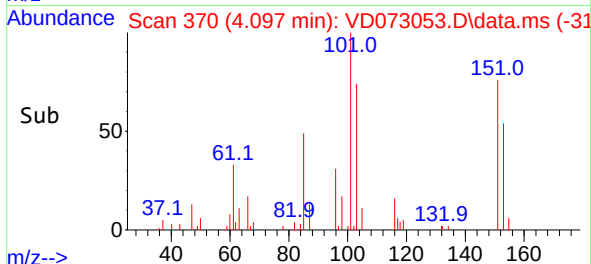
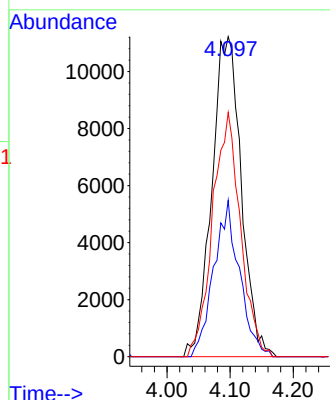
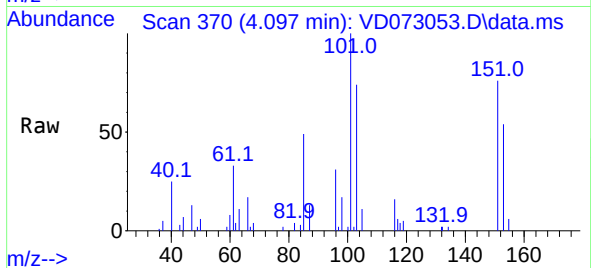
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.081 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
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ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 36270
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 72.3 57.3 85.9

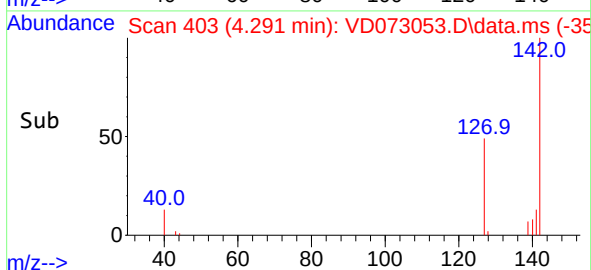
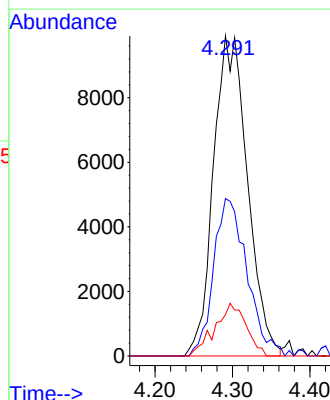
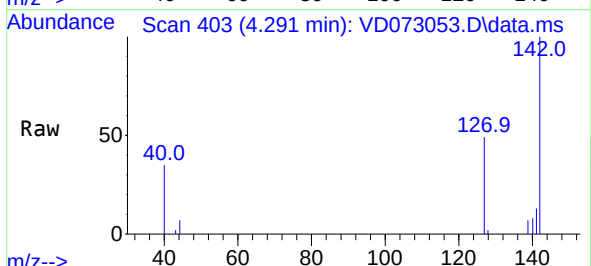
Manual Integrations
APPROVED

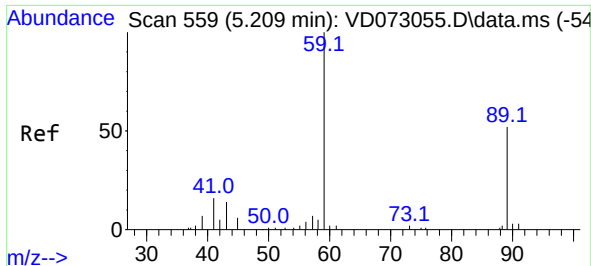
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 8.326 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

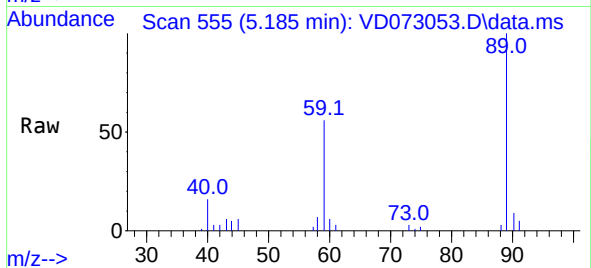
Tgt Ion:142 Resp: 30259
Ion Ratio Lower Upper
142 100
127 48.5 37.3 55.9
141 15.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 75.164 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

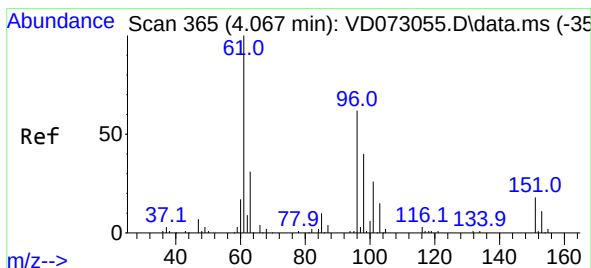
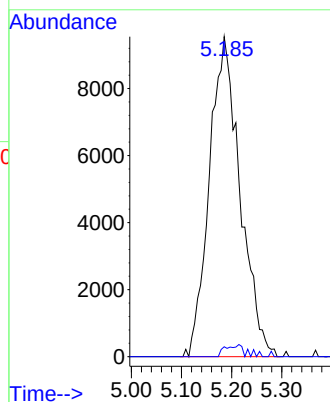
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



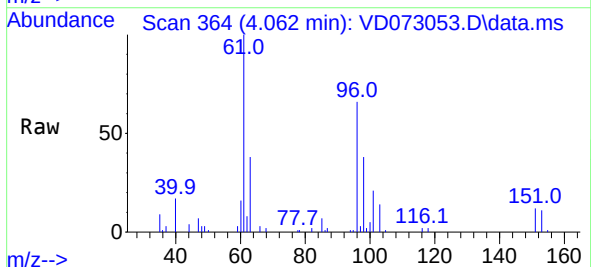
Tgt Ion: 59 Resp: 40710
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

Manual Integrations
APPROVED

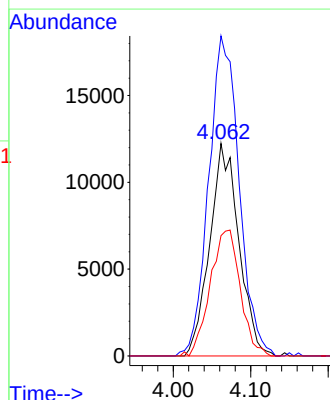
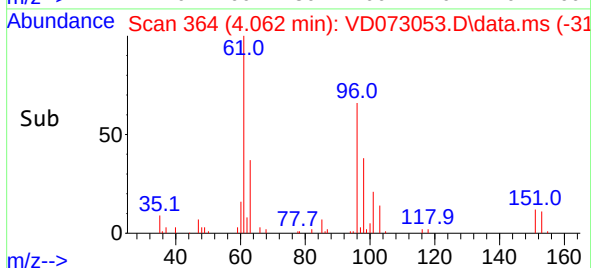
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

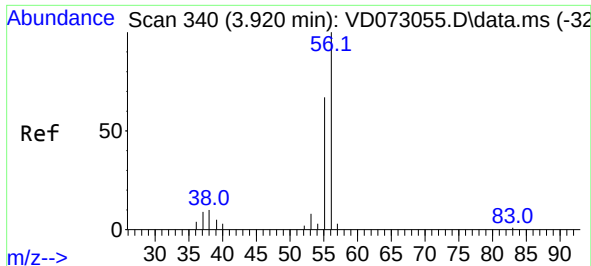


#12
1,1-Dichloroethene
Concen: 9.829 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



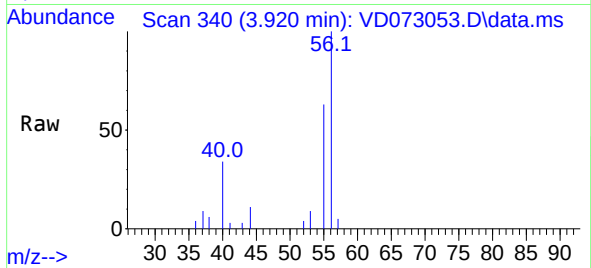
Tgt Ion: 96 Resp: 31980
Ion Ratio Lower Upper
96 100
61 150.6 138.5 207.7
98 56.6 48.6 73.0





#13
Acrolein
Concen: 53.696 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

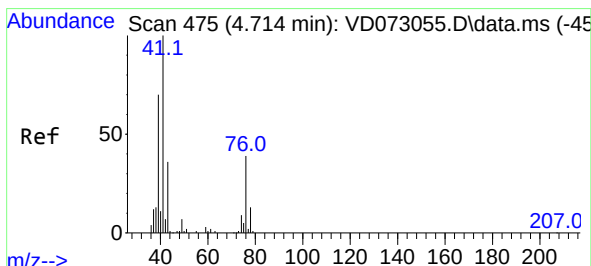
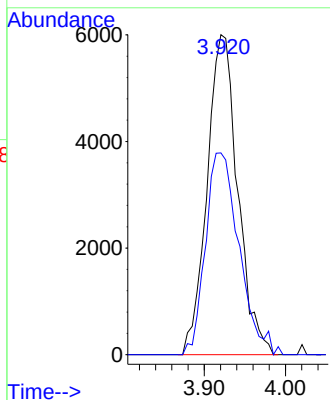
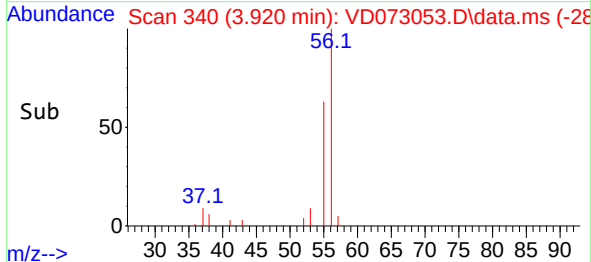
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



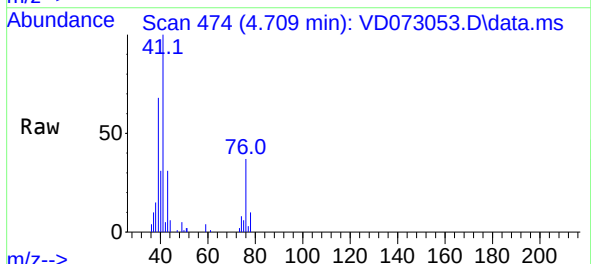
Tgt Ion: 56 Resp: 1575
Ion Ratio Lower Upper
56 100
55 69.1 57.1 85.7

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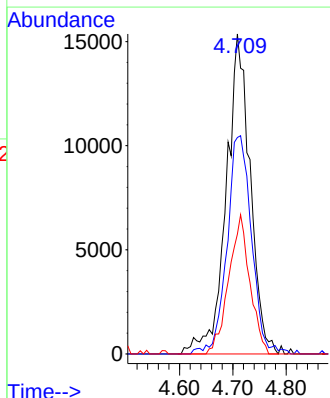
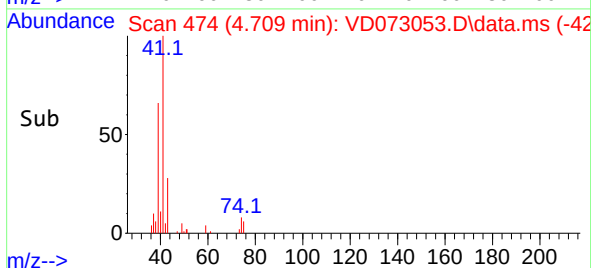
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

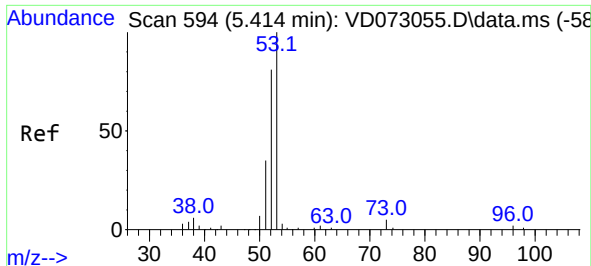


#14
Allyl chloride
Concen: 9.311 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



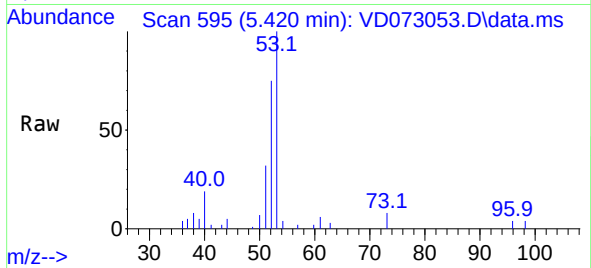
Tgt Ion: 41 Resp: 47995
Ion Ratio Lower Upper
41 100
39 69.8 59.3 88.9
76 38.3 25.7 38.5





#15
Acrylonitrile
Concen: 47.489 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

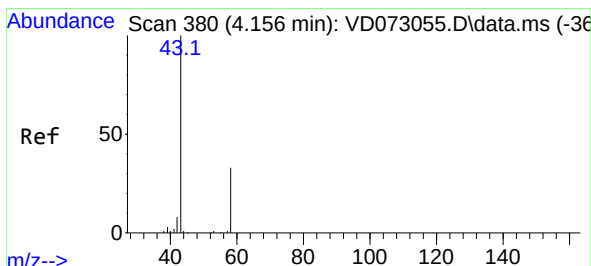
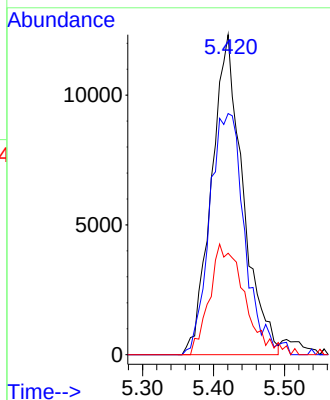
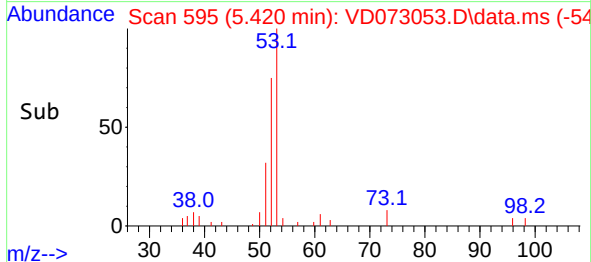
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



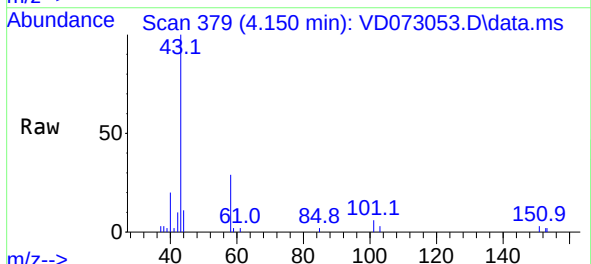
Tgt Ion: 53 Resp: 37840
Ion Ratio Lower Upper
53 100
52 83.4 67.2 100.8
51 38.8 30.3 45.5

Manual Integrations
APPROVED

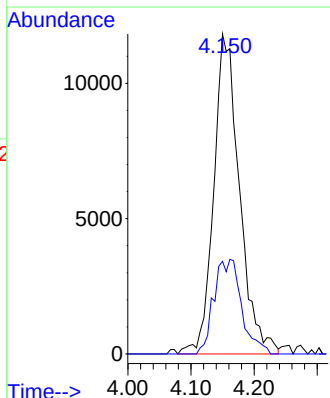
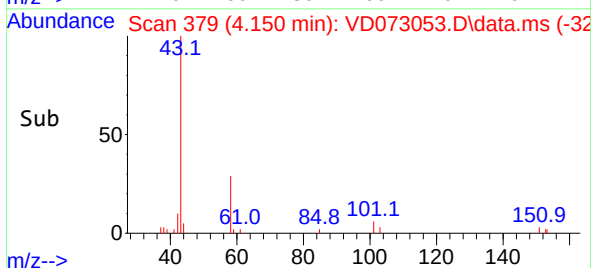
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

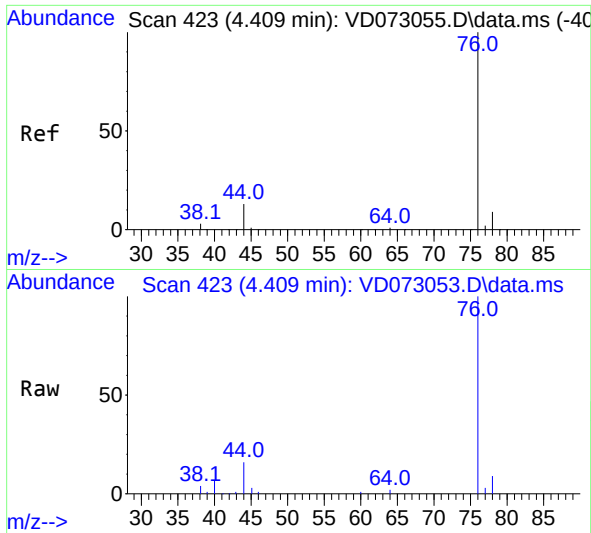


#16
Acetone
Concen: 52.827 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion: 43 Resp: 33480
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1





#17

Carbon Disulfide

Concen: 10.048 ug/l

RT: 4.409 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 109498

Ion Ratio Lower Upper

76 100

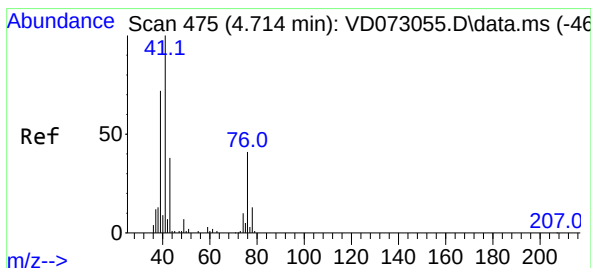
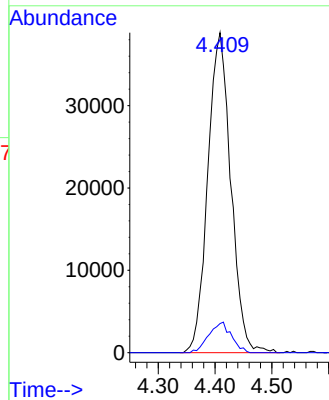
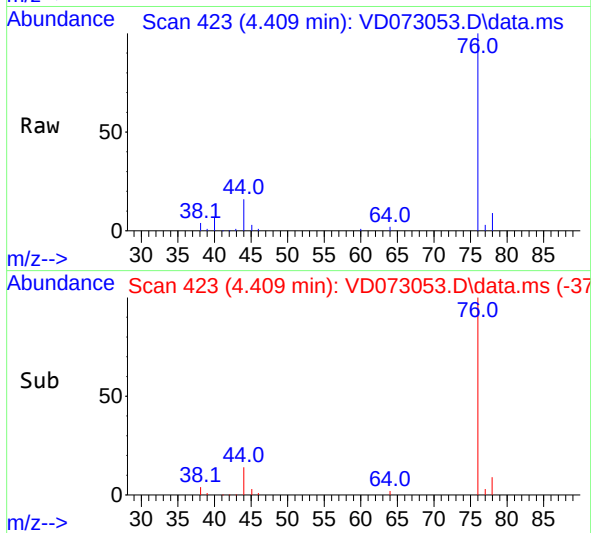
78 9.1 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#18

Methyl Acetate

Concen: 8.906 ug/l

RT: 4.714 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD073053.D

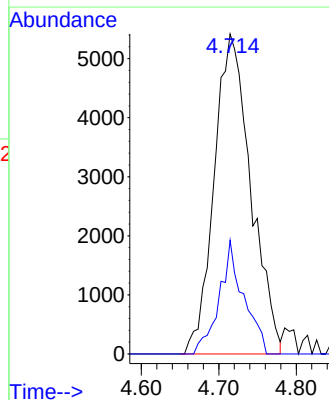
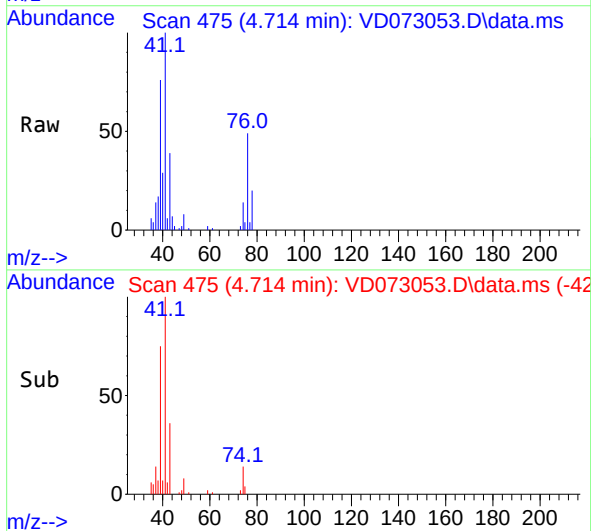
Acq: 17 May 2022 10:47

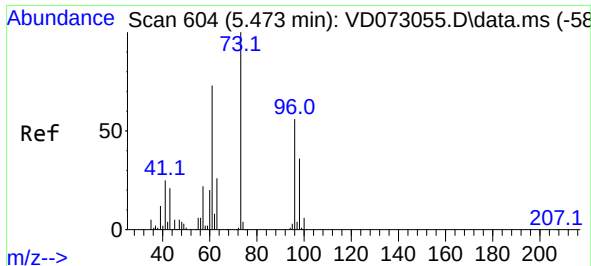
Tgt Ion: 43 Resp: 17819

Ion Ratio Lower Upper

43 100

74 23.6 16.7 25.1





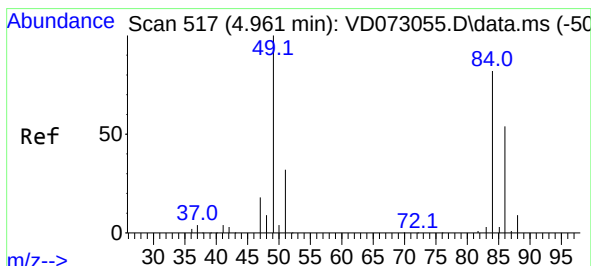
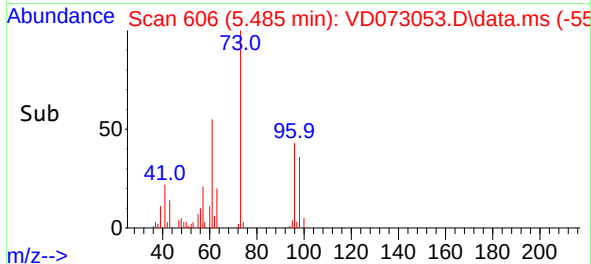
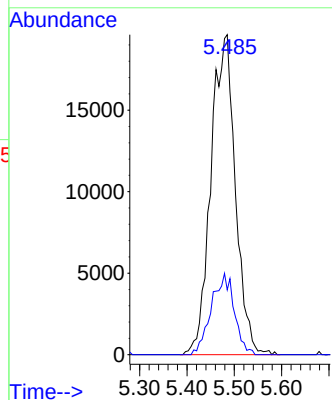
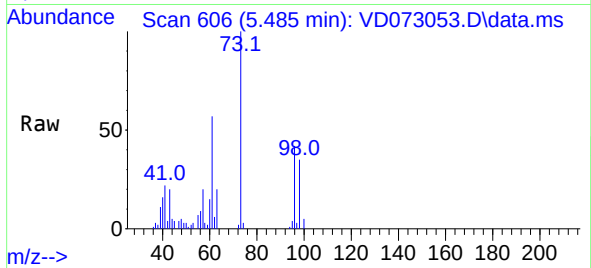
#19
Methyl tert-butyl Ether
Concen: 9.268 ug/l
RT: 5.485 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 7052
Ion Ratio Lower Upper
73 100
57 20.3 18.0 27.0

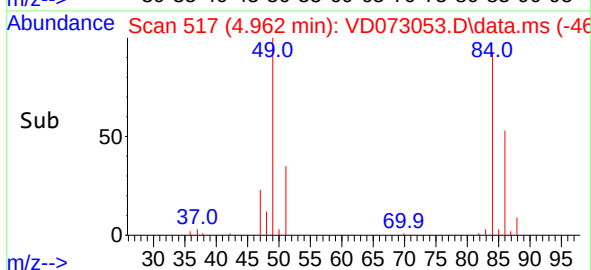
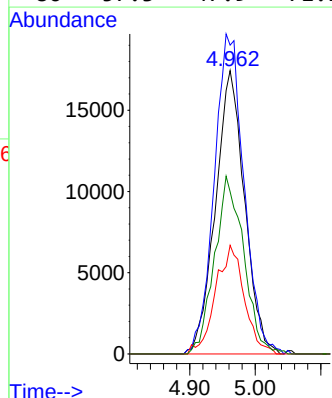
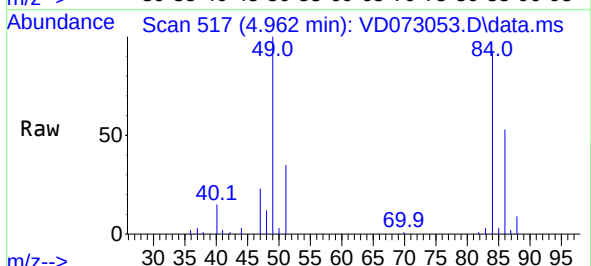
Manual Integrations
APPROVED

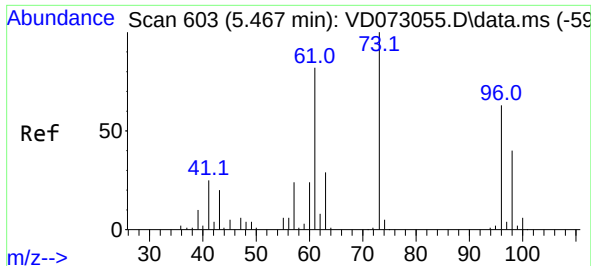
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#20
Methylene Chloride
Concen: 11.692 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

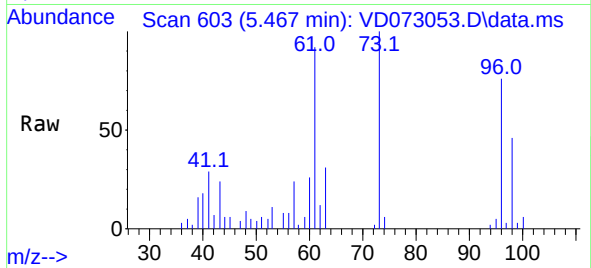
Tgt Ion: 84 Resp: 53781
Ion Ratio Lower Upper
84 100
49 109.0 112.8 169.2#
51 38.4 32.6 48.8
86 57.3 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 9.678 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

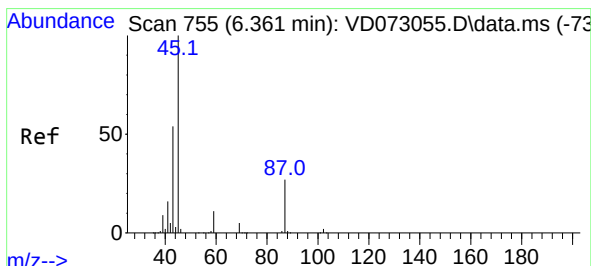
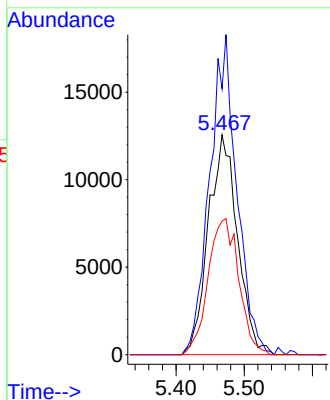
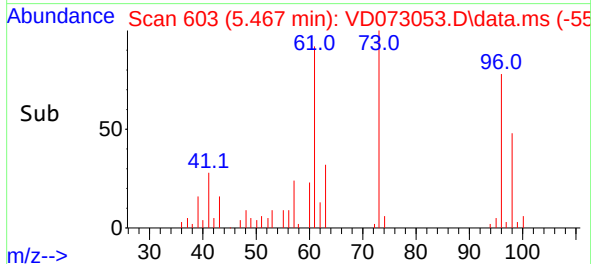
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



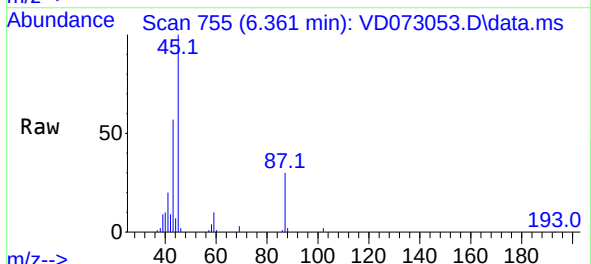
Tgt Ion: 96 Resp: 37450
Ion Ratio Lower Upper
96 100
61 121.1 117.9 176.9
98 60.8 49.4 74.2

Manual Integrations
APPROVED

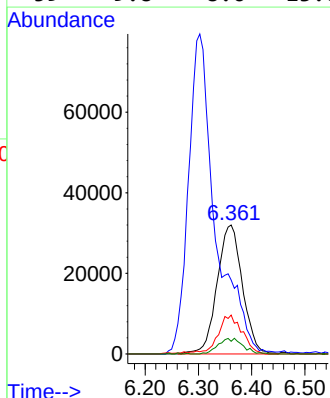
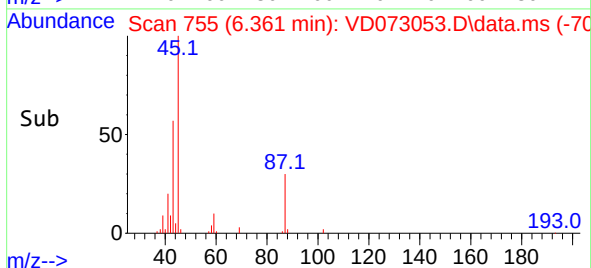
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

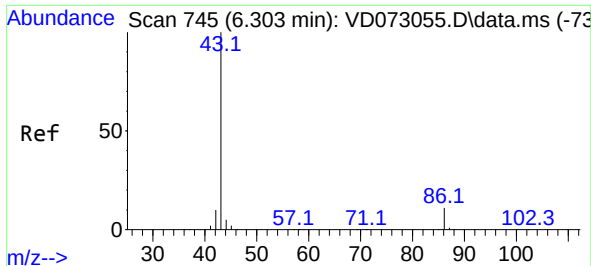


#22
Diisopropyl ether
Concen: 9.540 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



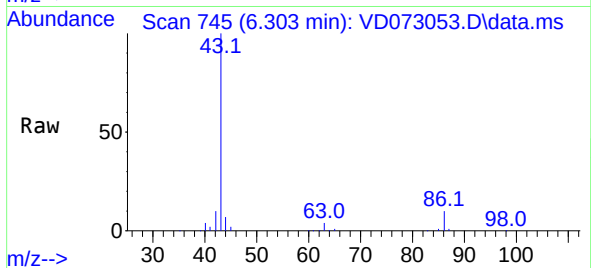
Tgt Ion: 45 Resp: 105555
Ion Ratio Lower Upper
45 100
43 55.9 46.6 70.0
87 30.2 18.4 27.6#
59 9.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 46.733 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

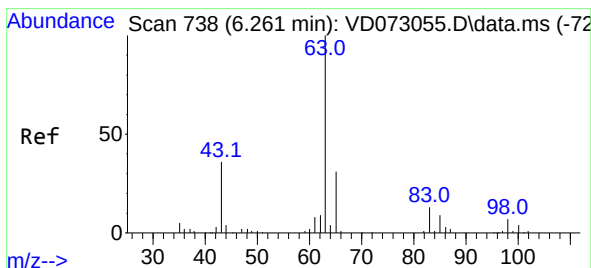
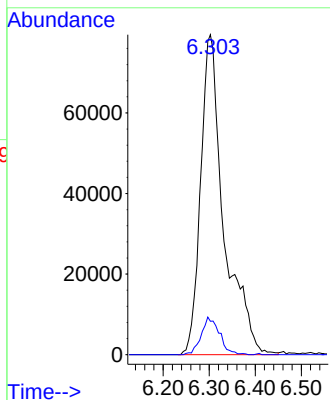
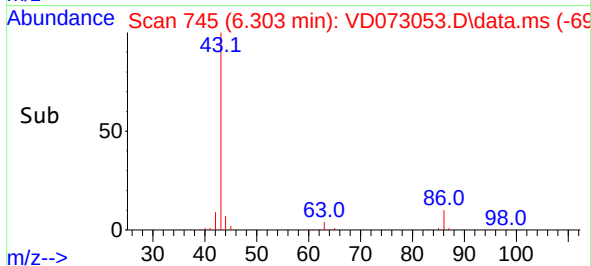
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010



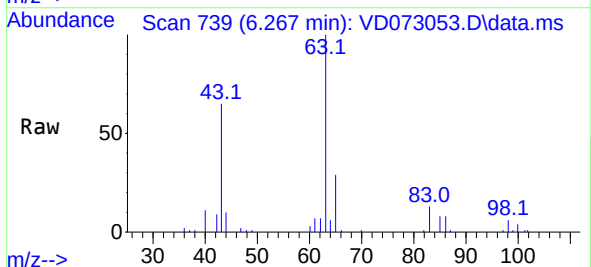
Tgt Ion: 43 Resp: 27933
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

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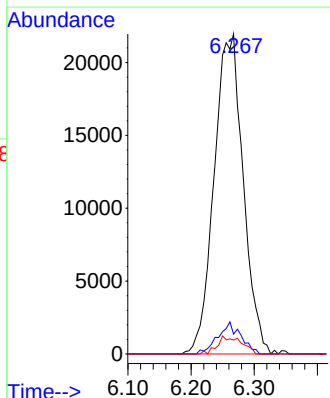
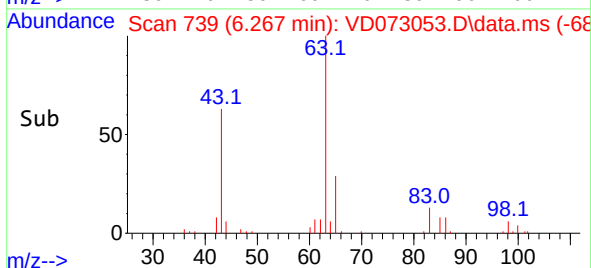
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

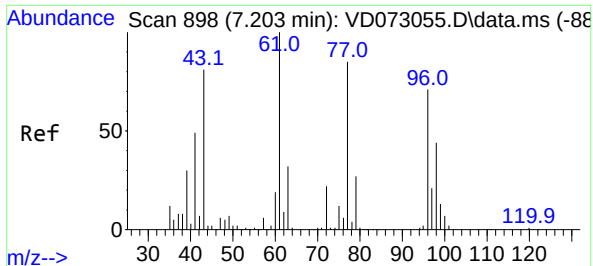


#24
 1,1-Dichloroethane
 Concen: 10.176 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47



Tgt Ion: 63 Resp: 70046
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.4 2.1 6.5





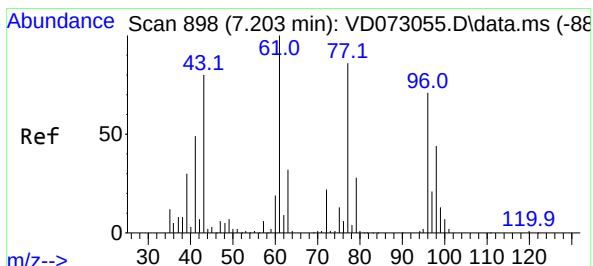
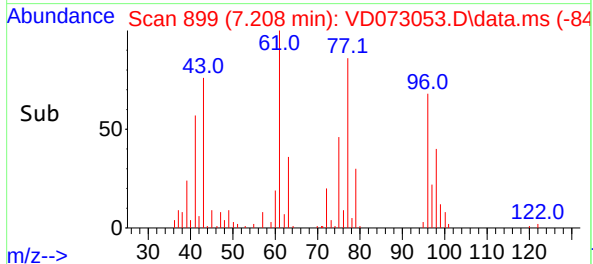
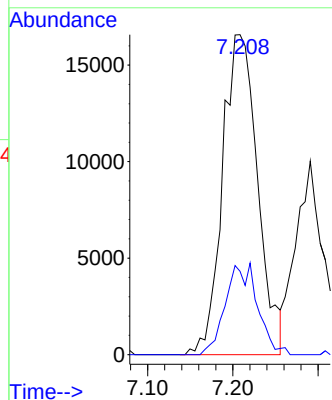
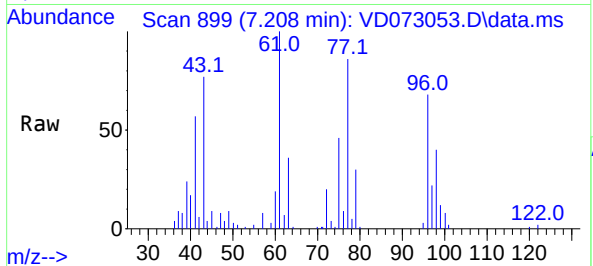
#25
2-Butanone
Concen: 49.559 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC010

Tgt Ion: 43 Resp: 4756
Ion Ratio Lower Upper
43 100
72 26.1 18.6 27.8

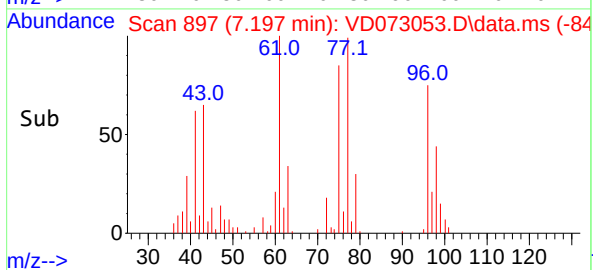
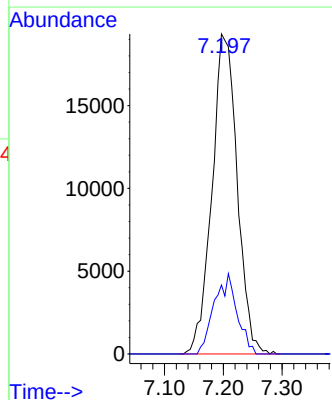
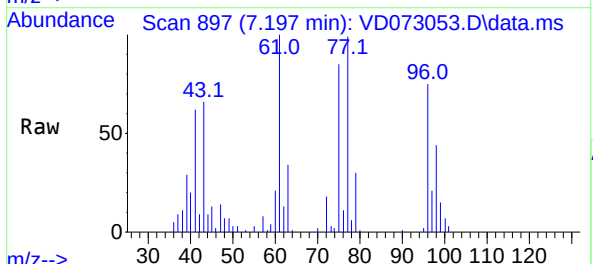
Manual Integrations
APPROVED

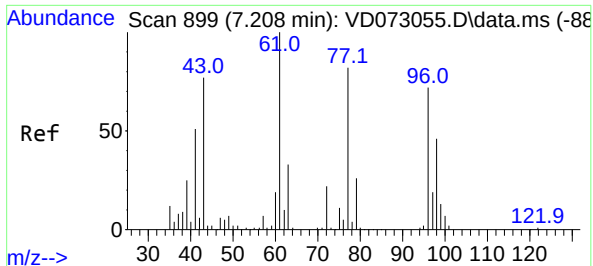
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 9.887 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 77 Resp: 57618
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





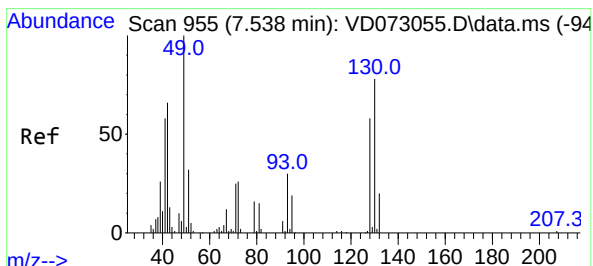
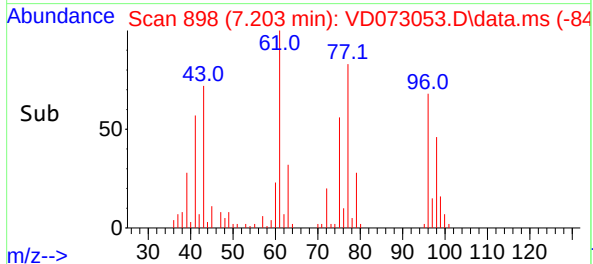
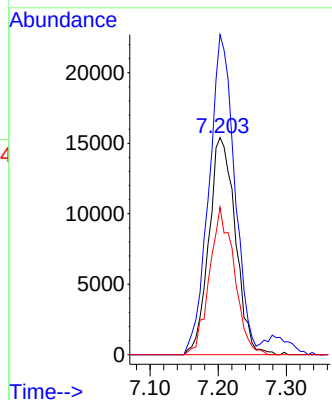
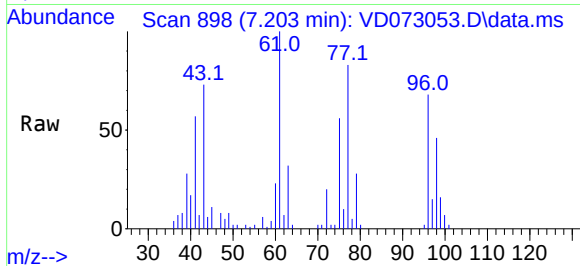
#27
cis-1,2-Dichloroethene
Concen: 9.767 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 96 Resp: 4168
Ion Ratio Lower Upper
96 100
61 143.1 0.0 313.8
98 63.7 0.0 128.8

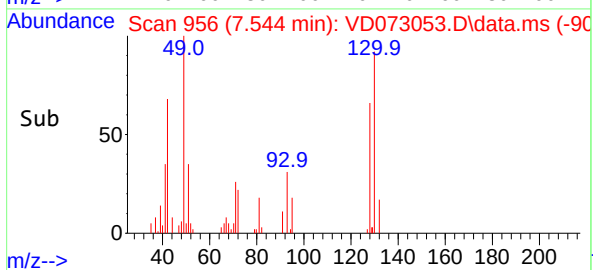
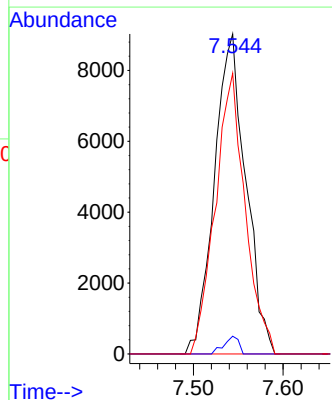
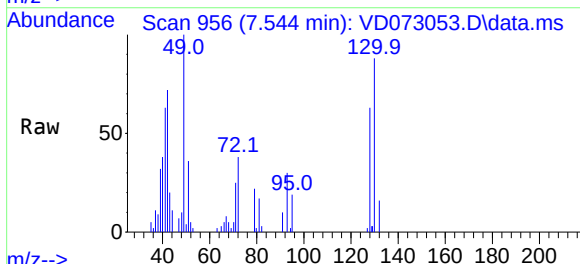
Manual Integrations
APPROVED

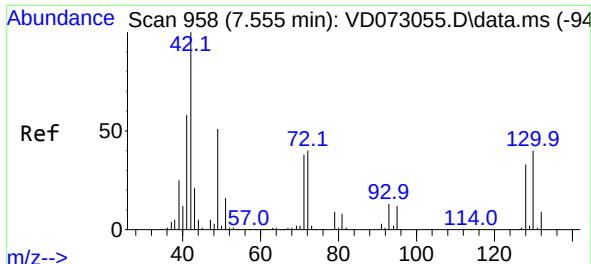
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
Bromochloromethane
Concen: 9.298 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 49 Resp: 21923
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.0
130 83.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 47.456 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

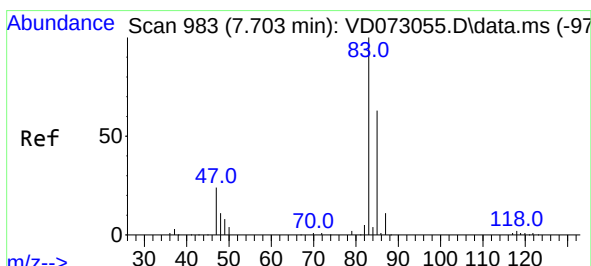
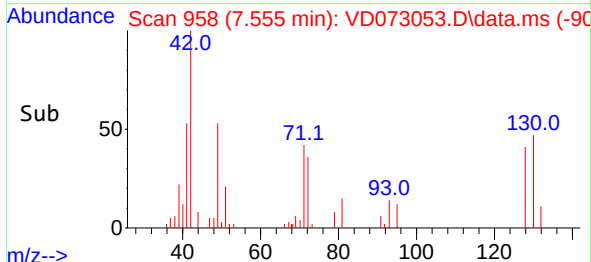
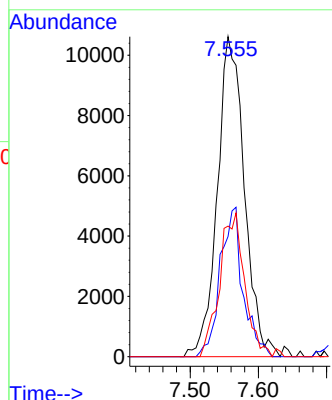
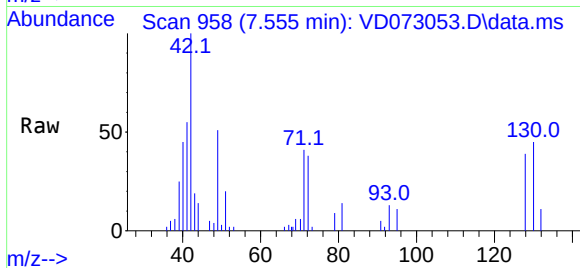
Tgt Ion: 42 Resp: 2930
 Ion Ratio Lower Upper
 42 100
 72 39.3 30.7 46.1
 71 41.5 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#30

Chloroform

Concen: 10.341 ug/l

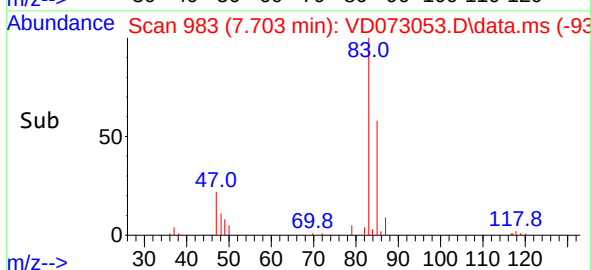
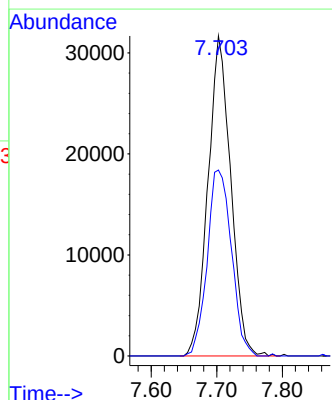
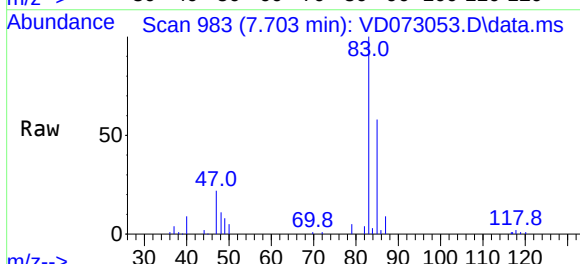
RT: 7.703 min Scan# 983

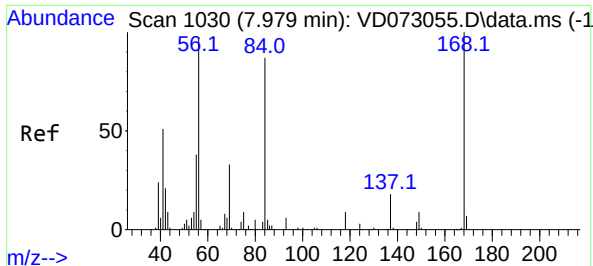
Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

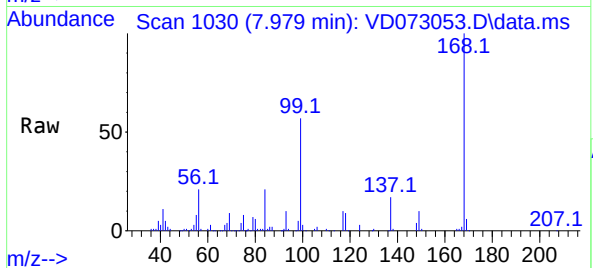
Tgt Ion: 83 Resp: 76162
 Ion Ratio Lower Upper
 83 100
 85 58.1 52.7 79.1





#31
Cyclohexane
Concen: 9.759 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

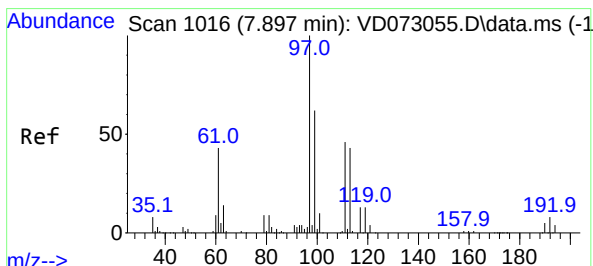
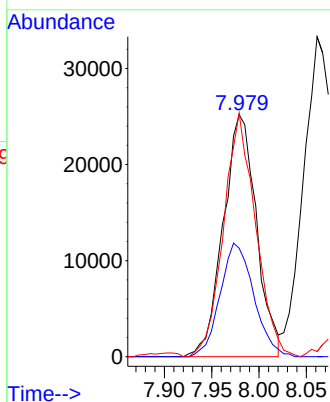
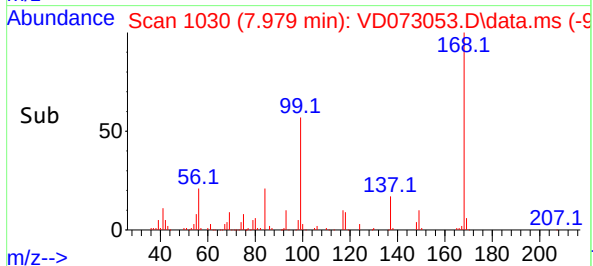
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



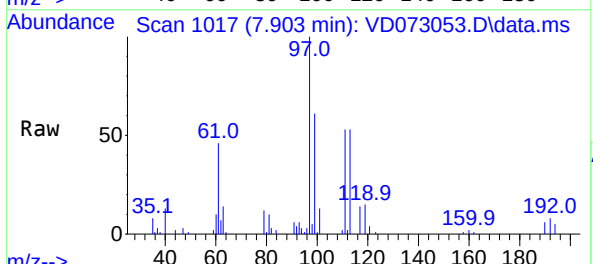
Tgt Ion: 56 Resp: 61564
Ion Ratio Lower Upper
56 100
69 44.8 25.4 38.2
84 99.3 63.0 94.4

Manual Integrations
APPROVED

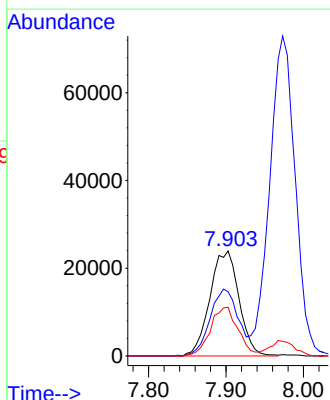
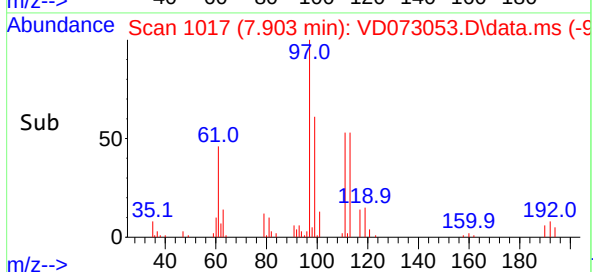
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

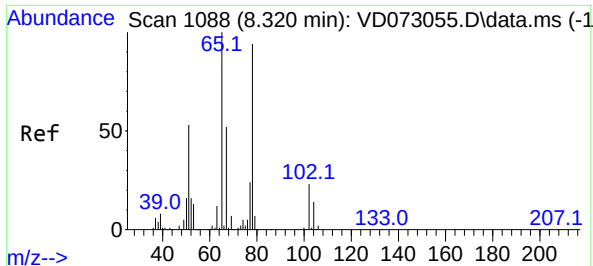


#32
1,1,1-Trichloroethane
Concen: 9.923 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



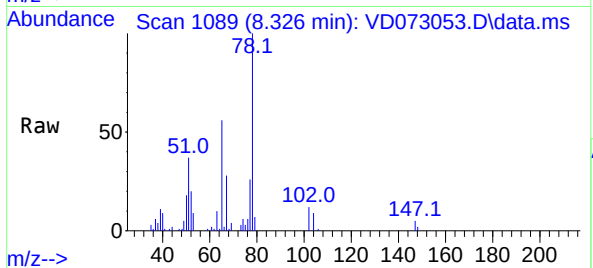
Tgt Ion: 97 Resp: 62610
Ion Ratio Lower Upper
97 100
99 60.7 52.4 78.6
61 43.7 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 9.994 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

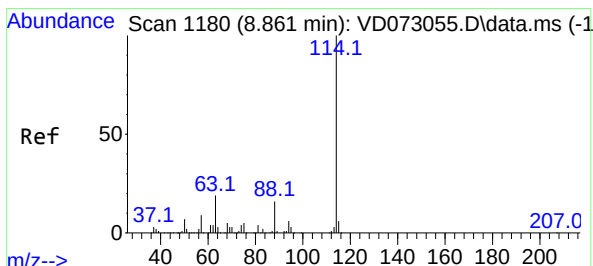
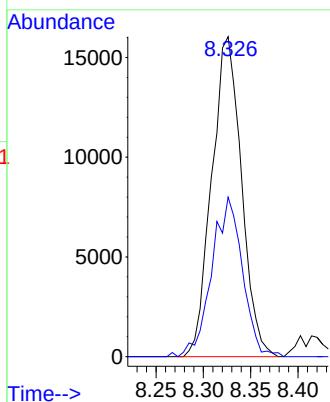
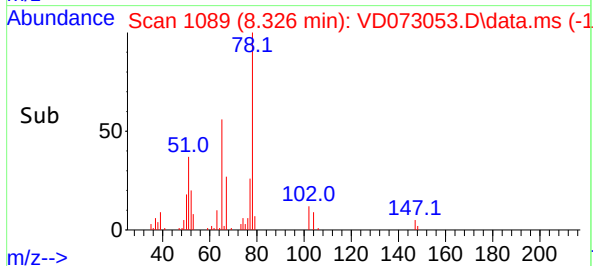
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



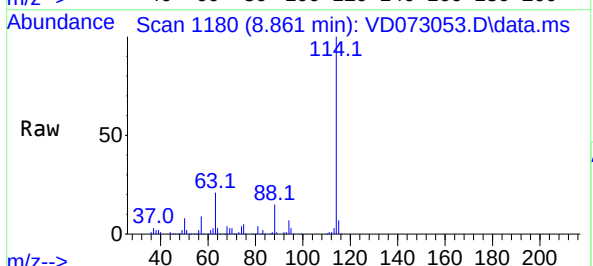
Tgt Ion: 65 Resp: 35000
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

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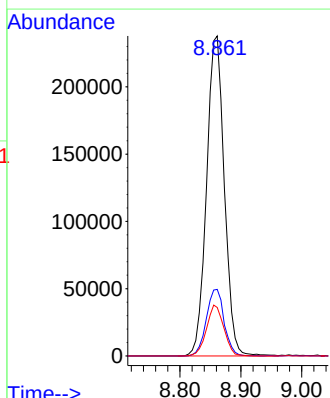
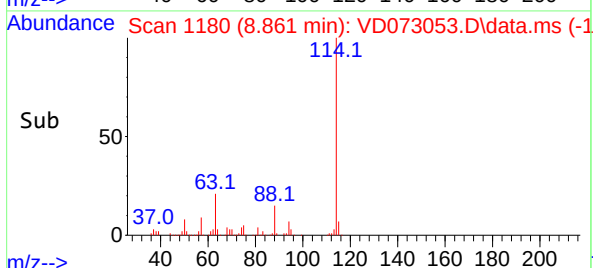
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

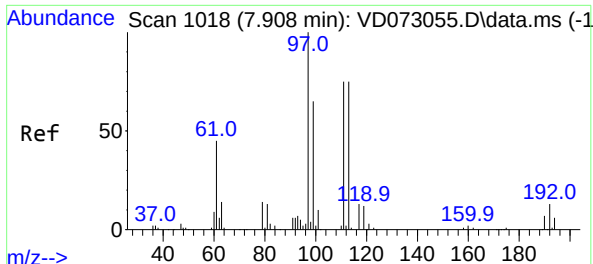


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



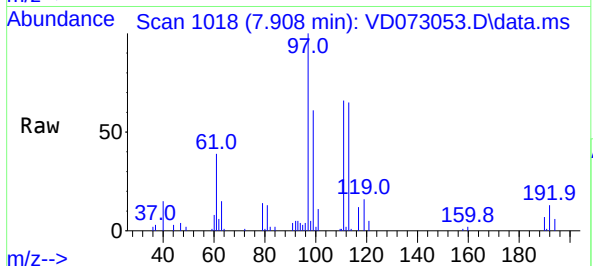
Tgt Ion:114 Resp: 481642
Ion Ratio Lower Upper
114 100
63 20.8 0.0 46.6
88 15.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 9.797 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

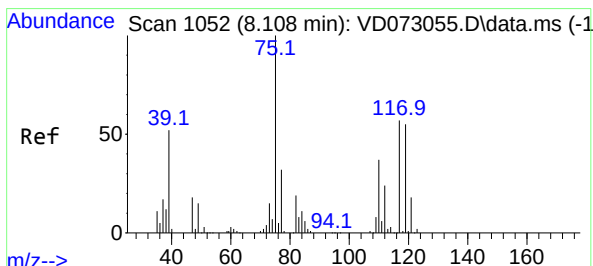
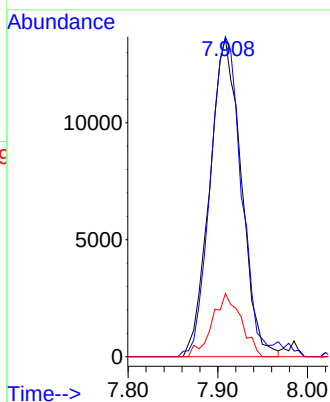
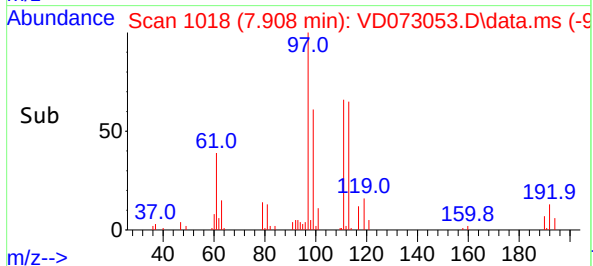
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



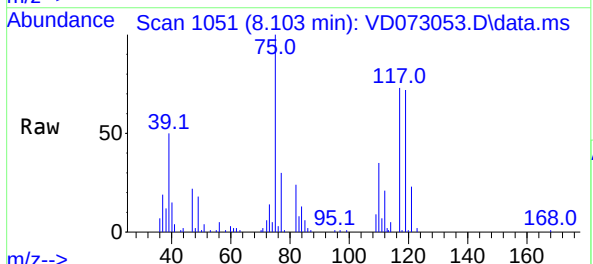
Tgt Ion: 113 Resp: 33130
Ion Ratio Lower Upper
113 100
111 99.1 83.8 125.6
192 18.2 14.6 21.8

Manual Integrations
APPROVED

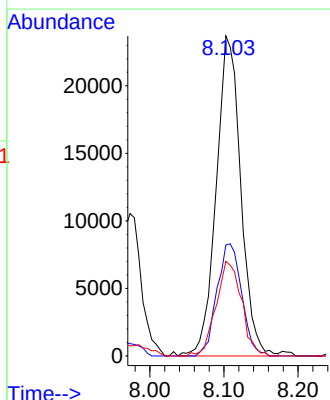
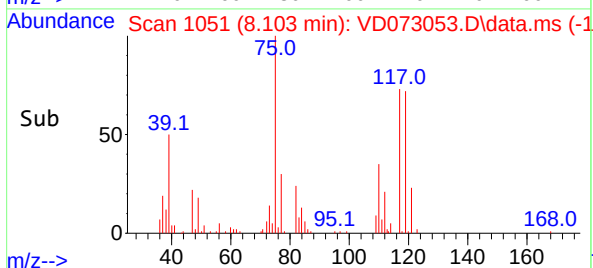
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

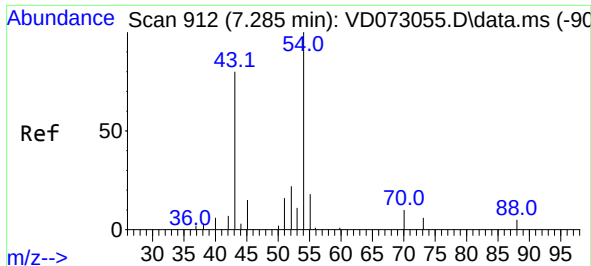


#36
1,1-Dichloropropene
Concen: 9.895 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion: 75 Resp: 54522
Ion Ratio Lower Upper
75 100
110 35.4 16.4 49.1
77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 10.141 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 2346

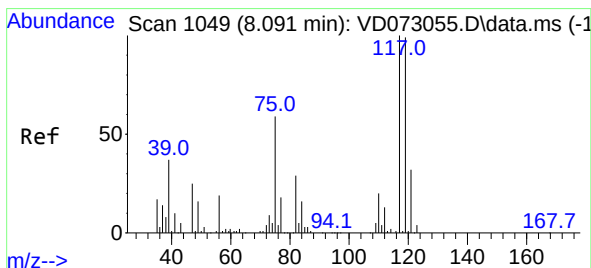
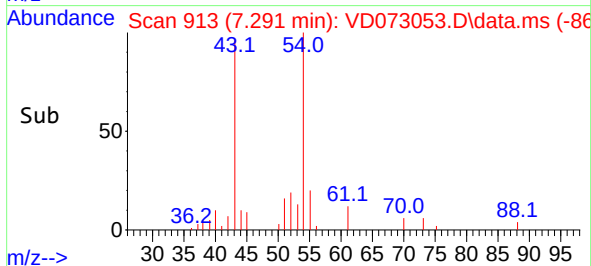
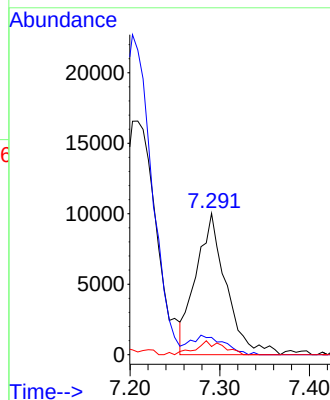
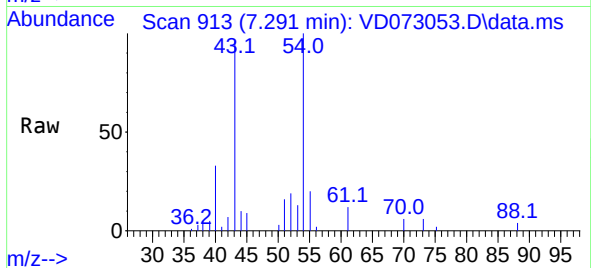
Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.8	14.8
70	9.0	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#38

Carbon Tetrachloride

Concen: 9.924 ug/l

RT: 8.097 min Scan# 1050

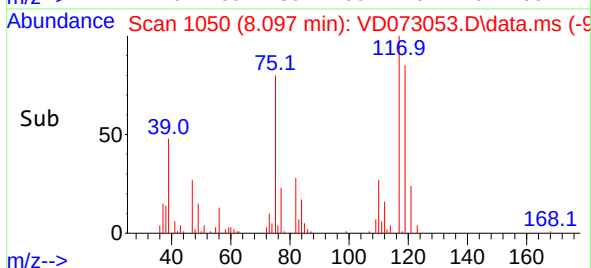
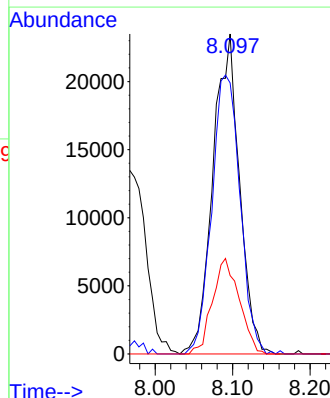
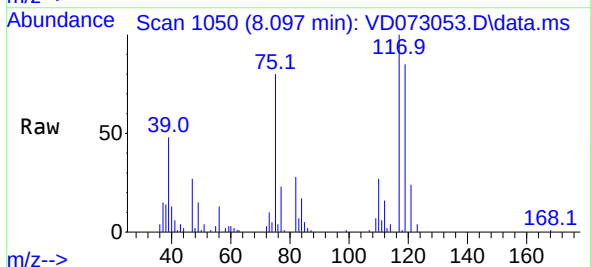
Delta R.T. 0.006 min

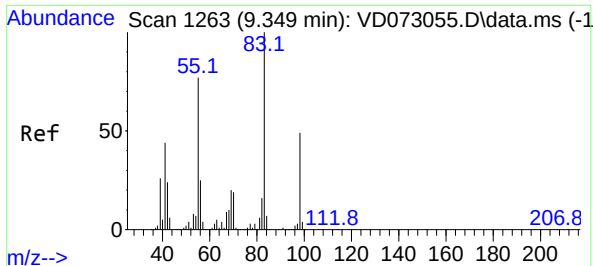
Lab File: VD073053.D

Acq: 17 May 2022 10:47

Tgt Ion:117 Resp: 55944

Ion	Ratio	Lower	Upper
117	100		
119	84.7	75.8	113.6
121	24.5	24.5	36.7





#39

Methylcyclohexane

Concen: 8.820 ug/l

RT: 9.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

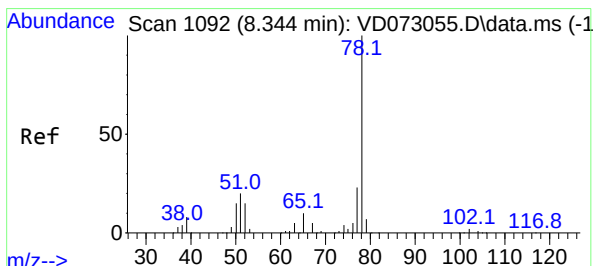
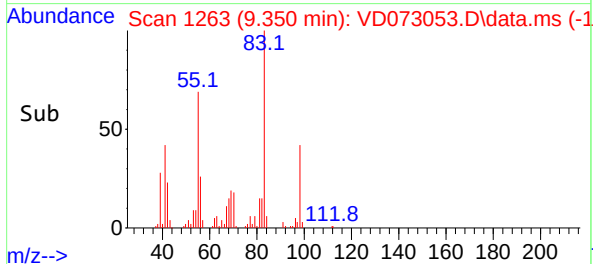
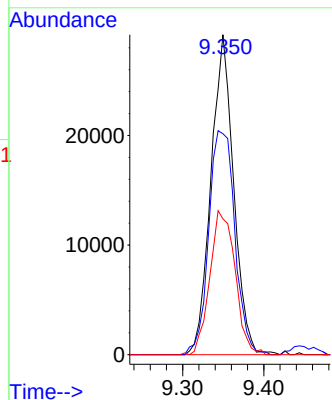
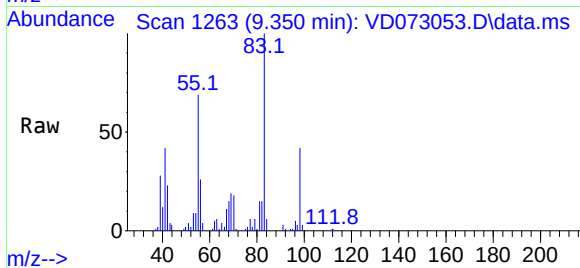
Tgt Ion:	83	Resp:	5666
Ion Ratio	Lower	Upper	
83	100		
55	69.1	63.2	94.8
98	42.5	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 9.872 ug/l

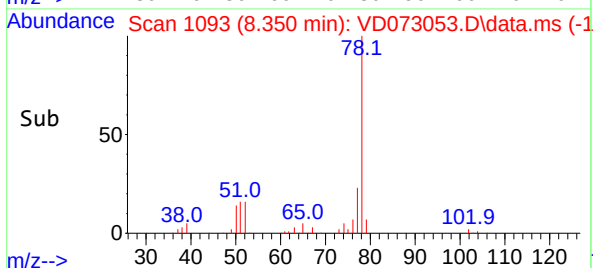
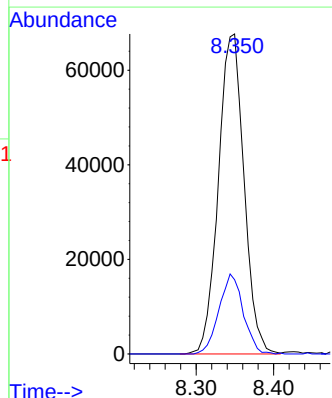
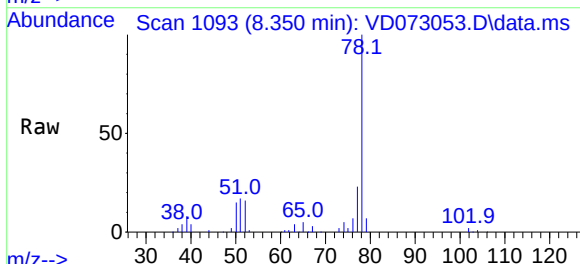
RT: 8.350 min Scan# 1093

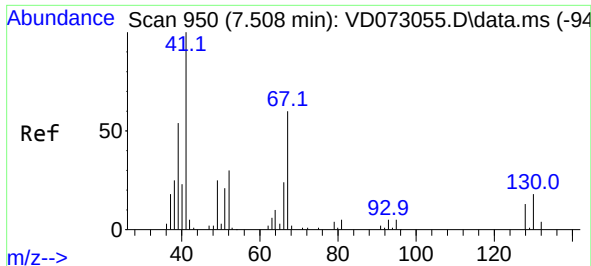
Delta R.T. 0.006 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

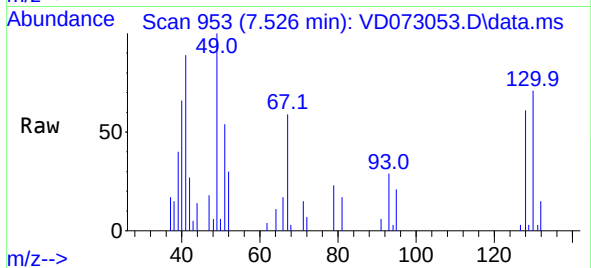
Tgt Ion:	78	Resp:	155533
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.1	28.7





#41
Methacrylonitrile
Concen: 10.282 ug/l
RT: 7.526 min Scan# 911
Delta R.T. 0.018 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

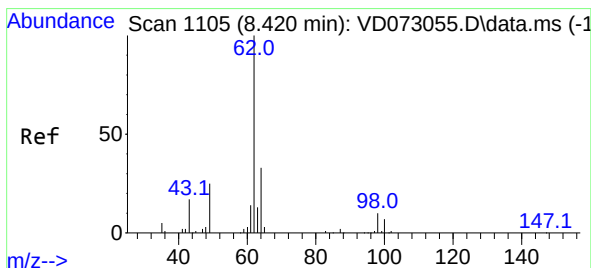
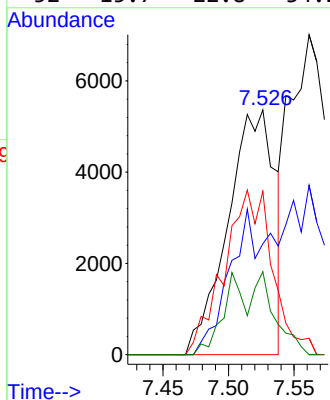
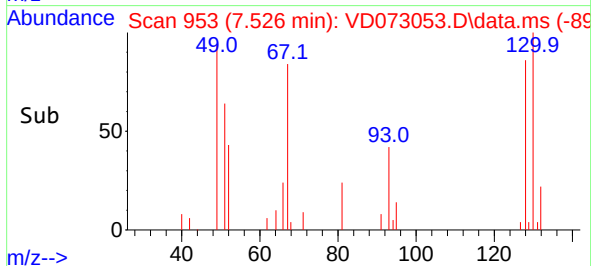
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



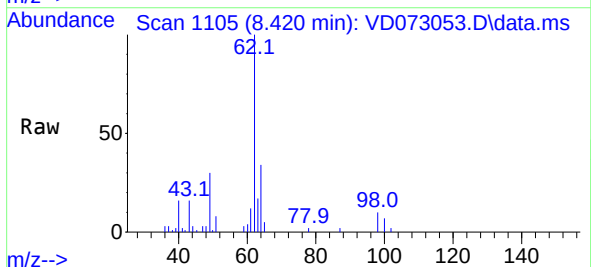
Tgt Ion: 41 Resp: 1341
Ion Ratio Lower Upper
41 100
39 39.5 44.6 67.0
67 68.9 48.2 72.4
52 15.7 22.8 34.2

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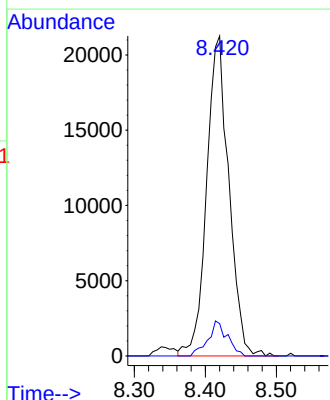
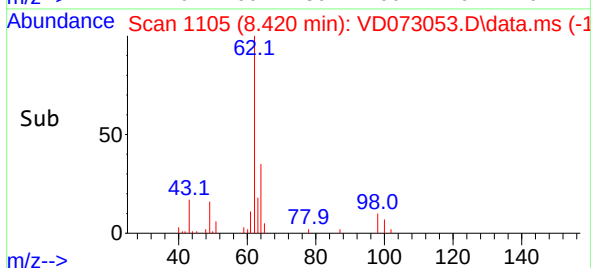
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

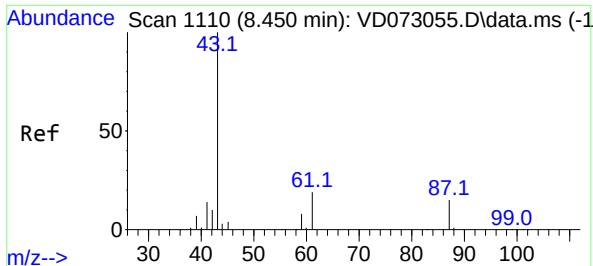


#42
1,2-Dichloroethane
Concen: 10.063 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion: 62 Resp: 46146
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





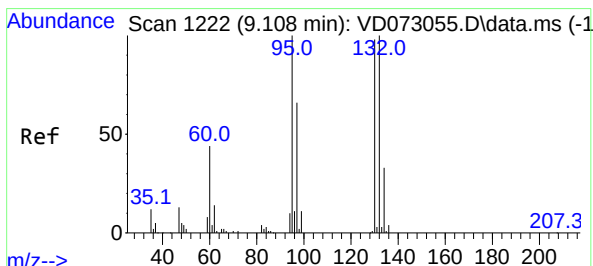
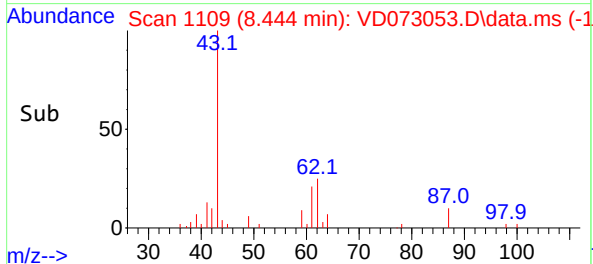
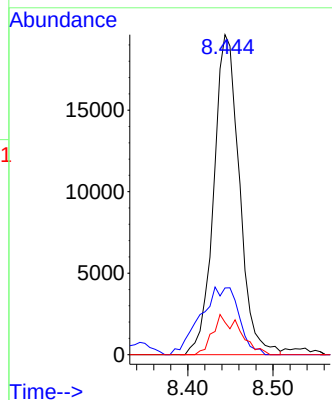
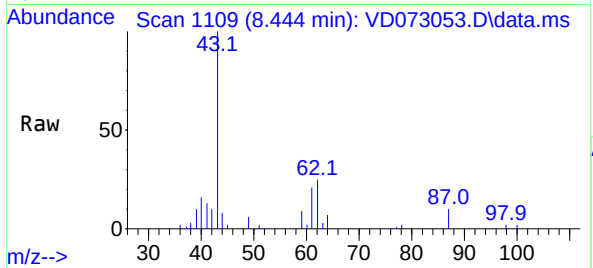
#43
Isopropyl Acetate
Concen: 9.540 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 4104
Ion Ratio Lower Upper
43 100
61 31.7 22.4 33.6
87 13.3 8.7 13.1

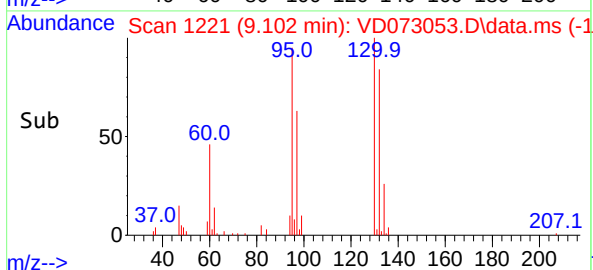
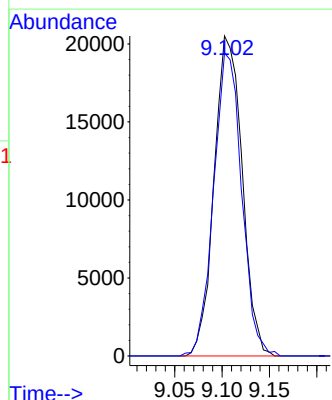
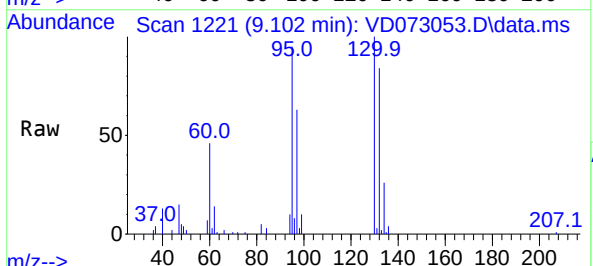
Manual Integrations
APPROVED

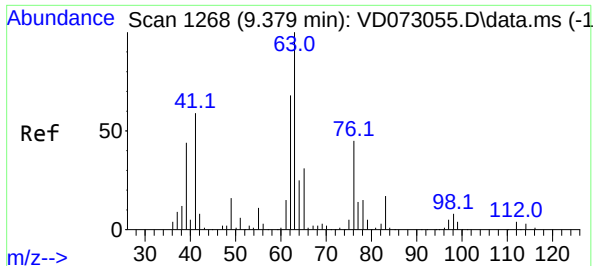
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 9.901 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:130 Resp: 42195
Ion Ratio Lower Upper
130 100
95 94.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 10.060 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 4116

Ion Ratio Lower Upper

63 100

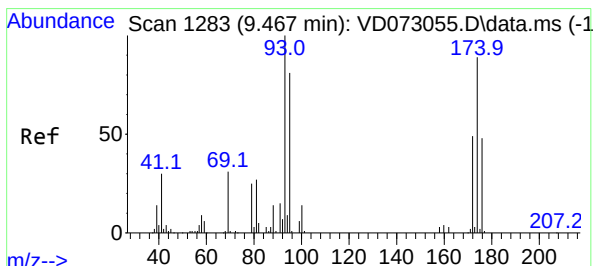
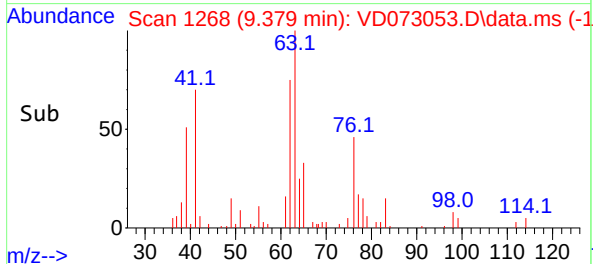
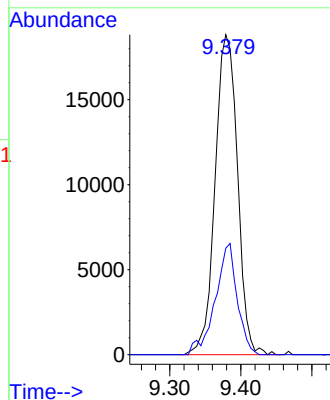
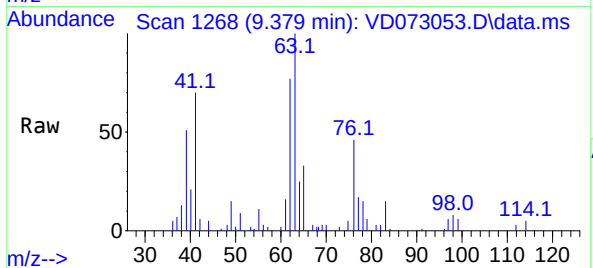
65 33.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 10.386 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

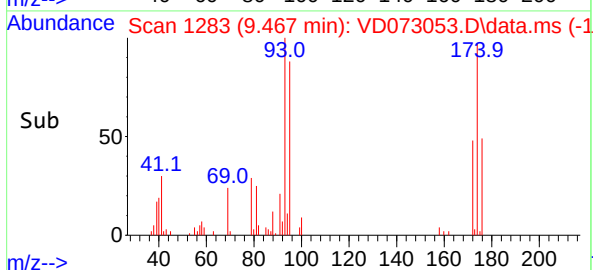
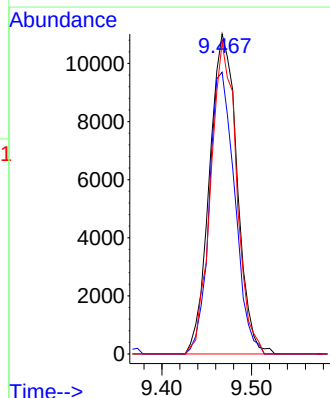
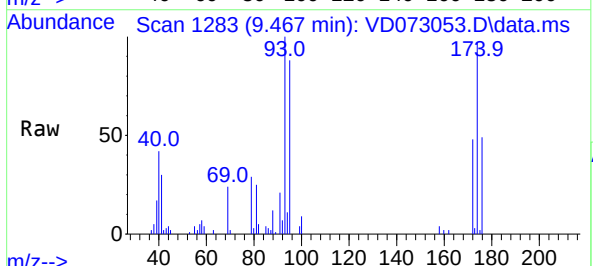
Tgt Ion: 93 Resp: 23497

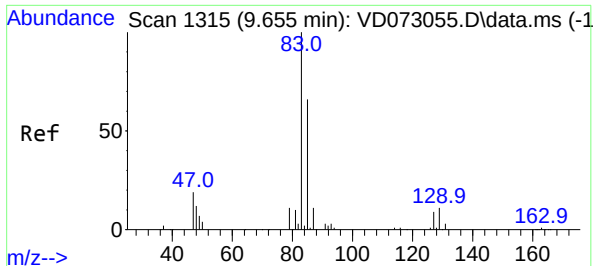
Ion Ratio Lower Upper

93 100

95 81.5 66.7 100.1

174 91.2 71.6 107.4





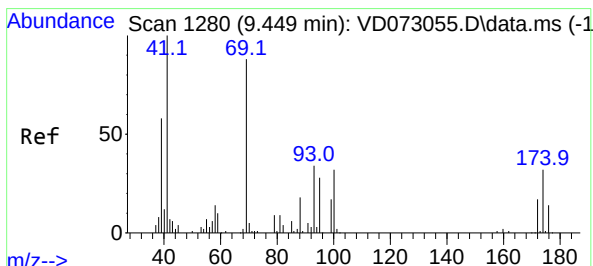
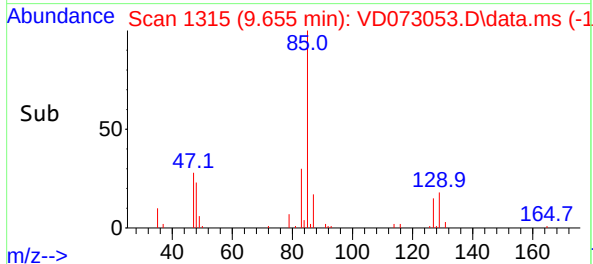
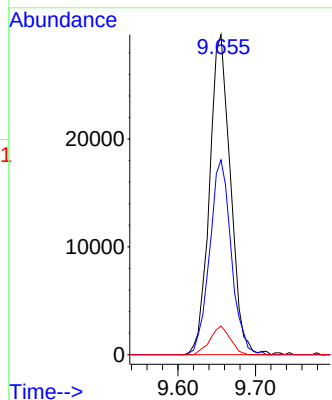
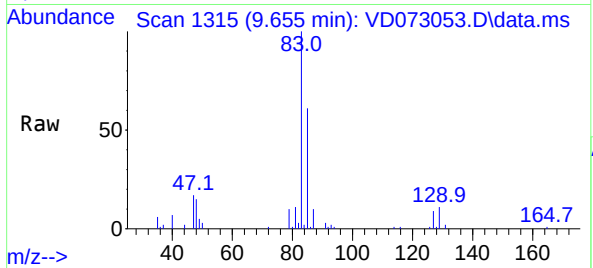
#47
Bromodichloromethane
Concen: 9.731 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 55914
Ion Ratio Lower Upper
83 100
85 60.8 51.4 77.0
127 9.0 6.1 9.1

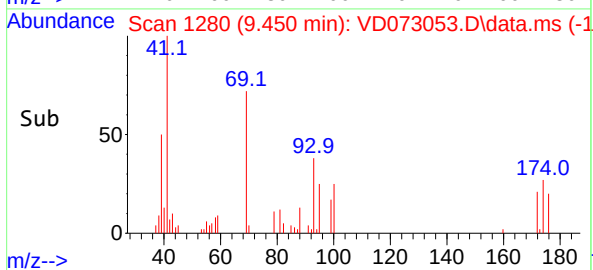
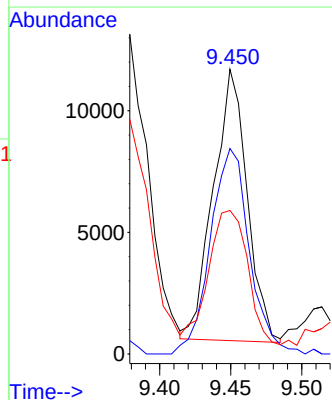
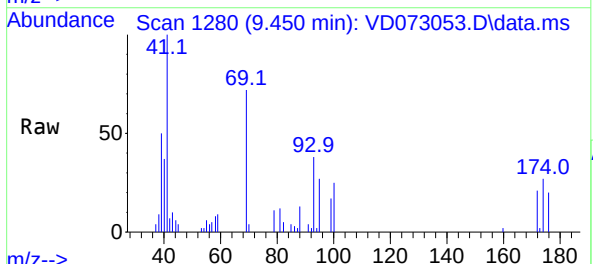
Manual Integrations
APPROVED

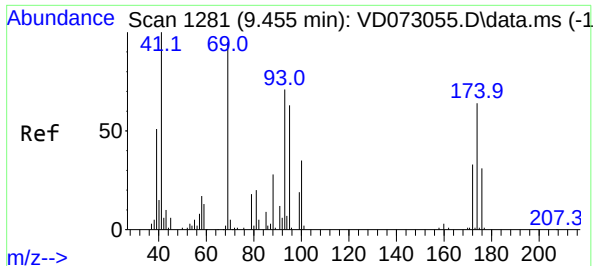
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
Methyl methacrylate
Concen: 8.634 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

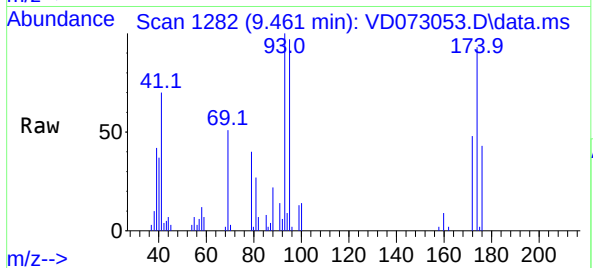
Tgt Ion: 41 Resp: 18425
Ion Ratio Lower Upper
41 100
69 87.8 56.7 85.1#
39 57.5 42.7 64.1





#49
1,4-Dioxane
Concen: 196.779 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

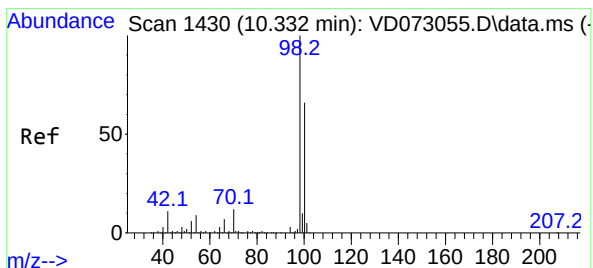
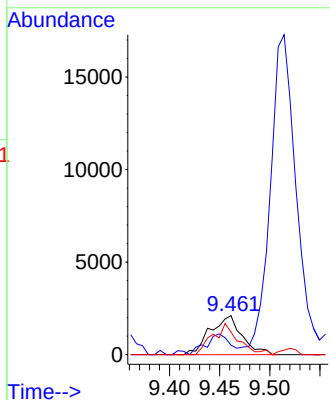
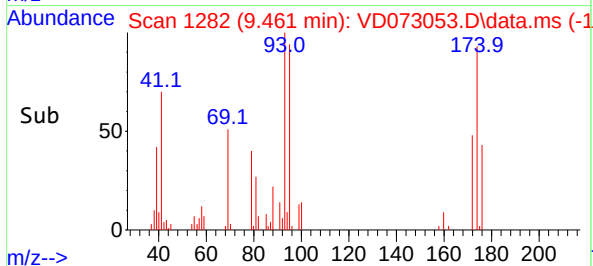
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



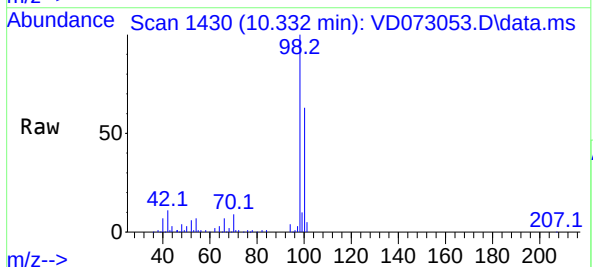
Tgt Ion: 88 Resp: 463
Ion Ratio Lower Upper
88 100
43 42.8 31.0 46.4
58 65.4 58.1 87.1

Manual Integrations
APPROVED

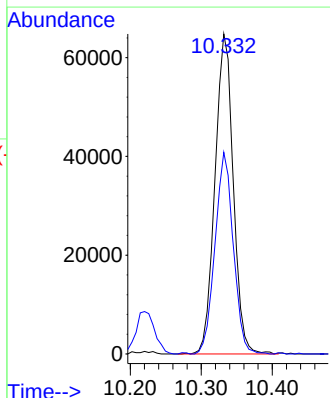
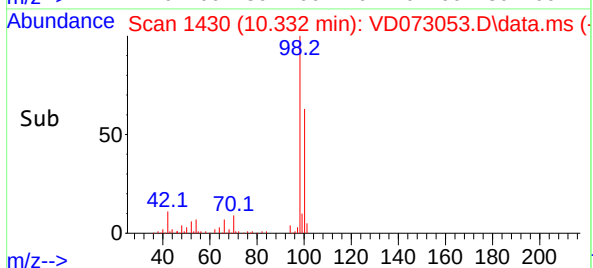
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

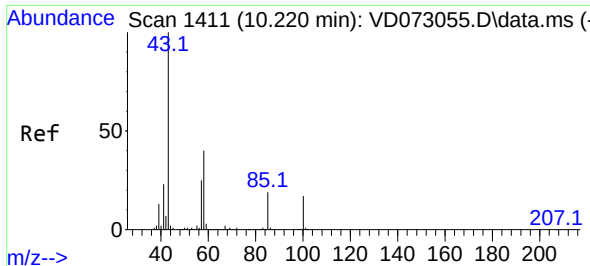


#50
Toluene-d8
Concen: 9.424 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



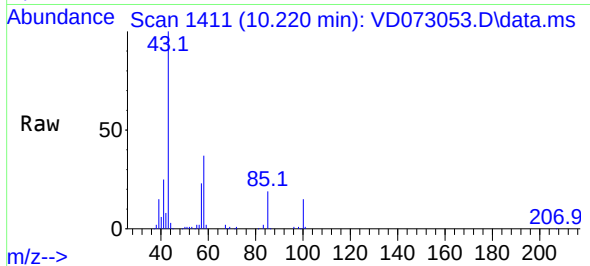
Tgt Ion: 98 Resp: 115610
Ion Ratio Lower Upper
98 100
100 63.0 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 47.768 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

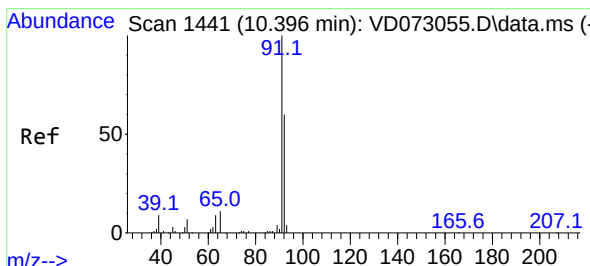
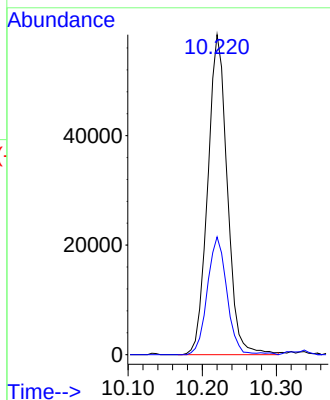
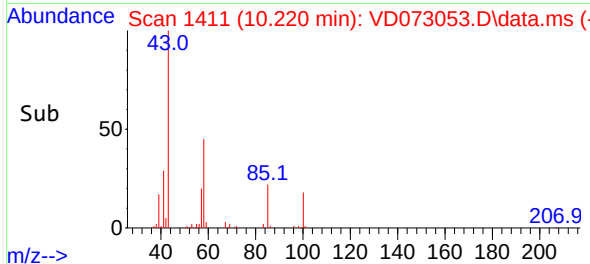
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



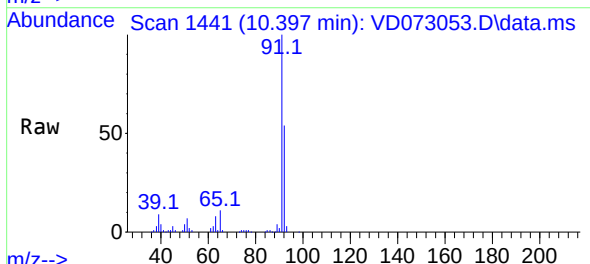
Tgt Ion: 43 Resp: 107250
Ion Ratio Lower Upper
43 100
58 36.4 28.6 43.0

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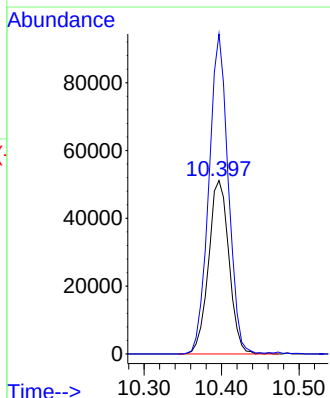
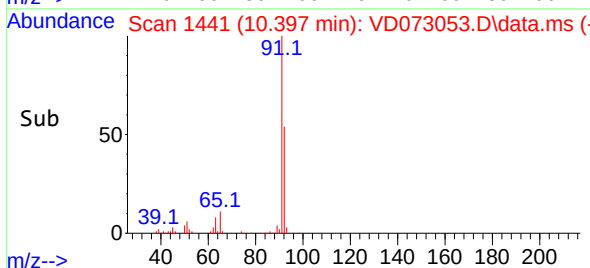
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

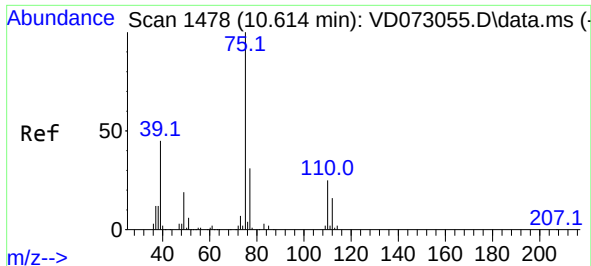


#52
Toluene
Concen: 9.352 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion: 92 Resp: 93544
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4





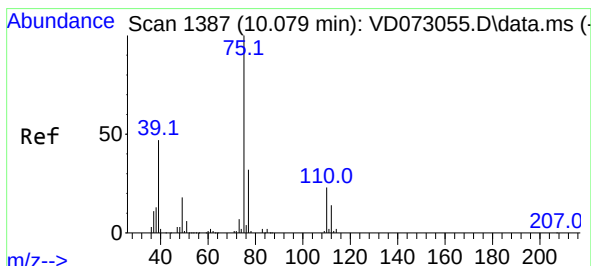
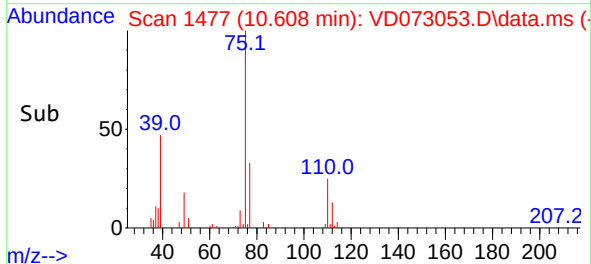
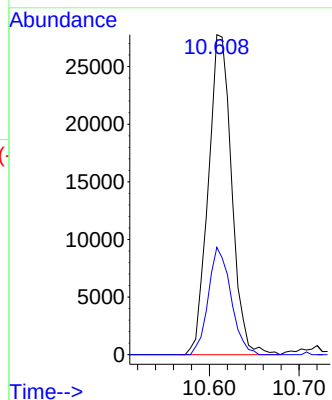
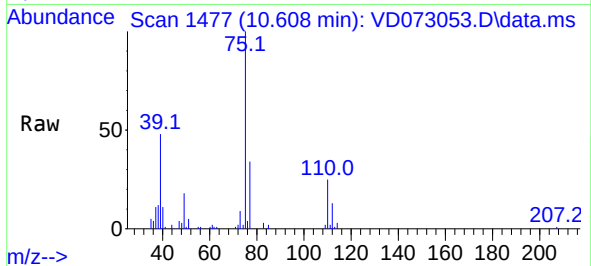
#53
t-1,3-Dichloropropene
Concen: 9.586 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 50230
Ion Ratio Lower Upper
75 100
77 33.6 24.5 36.7

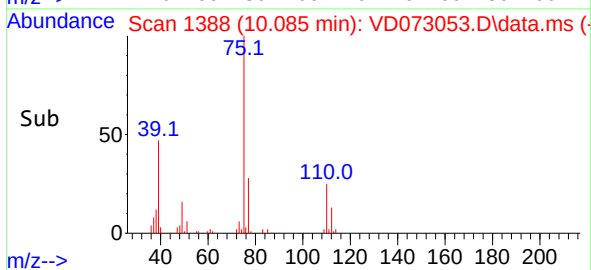
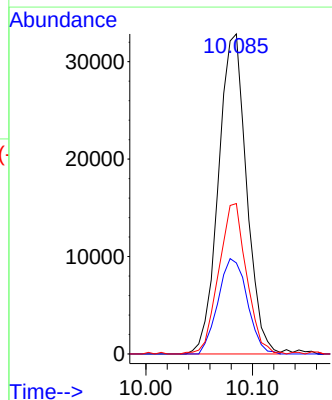
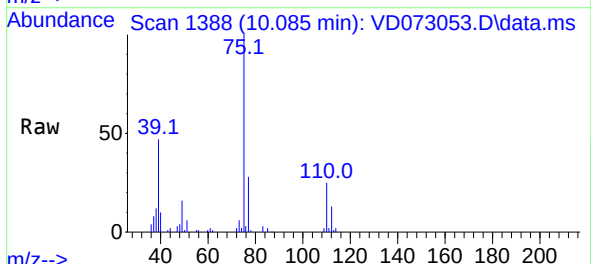
Manual Integrations
APPROVED

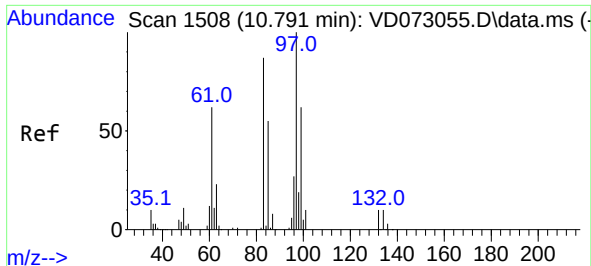
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
cis-1,3-Dichloropropene
Concen: 9.730 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

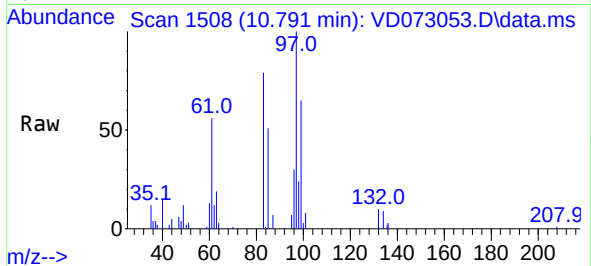
Tgt Ion: 75 Resp: 60118
Ion Ratio Lower Upper
75 100
77 28.5 24.8 37.2
39 47.0 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 9.801 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

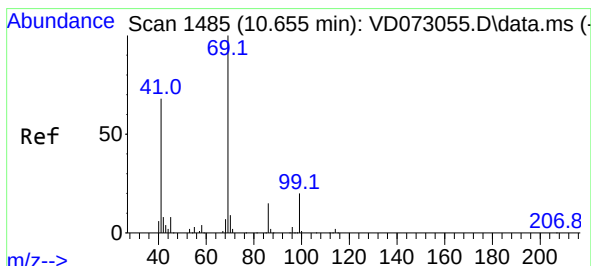
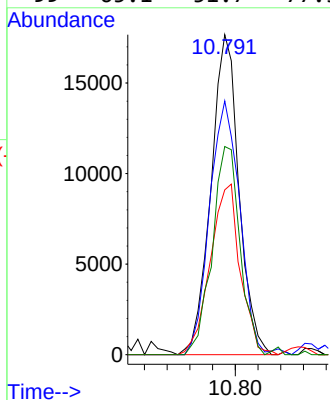
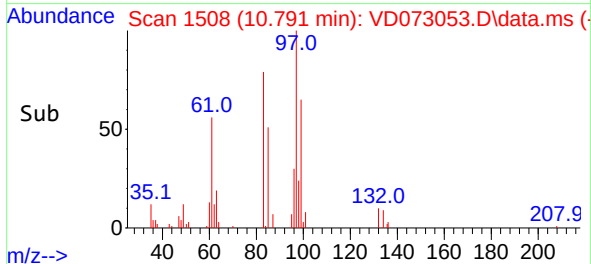
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



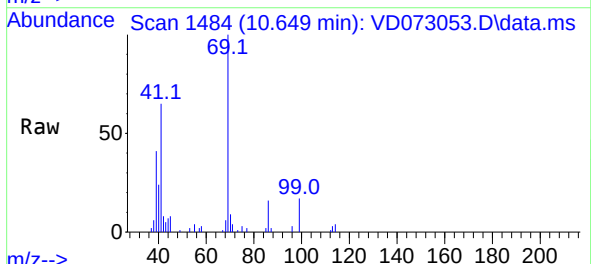
Tgt Ion:	97	Resp:	3026
Ion Ratio	100	Lower	Upper
97	100		
83	79.3	69.0	103.4
85	51.5	42.6	63.8
99	65.1	51.7	77.5

Manual Integrations
APPROVED

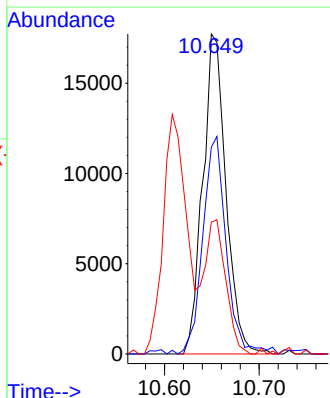
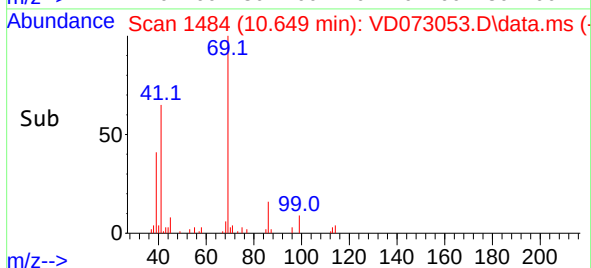
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

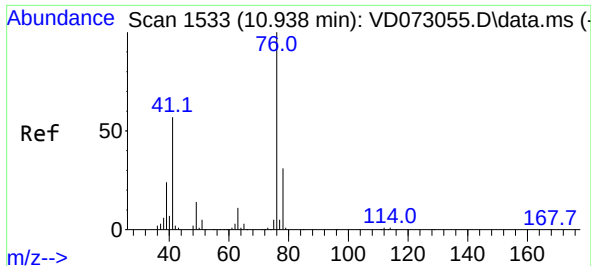


#56
Ethyl methacrylate
Concen: 8.641 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion:	69	Resp:	30176
Ion Ratio	100	Lower	Upper
69	100		
41	68.4	63.0	94.6
39	35.6	33.8	50.8





#57

1,3-Dichloropropane

Concen: 9.998 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 5253

Ion Ratio Lower Upper

76 100

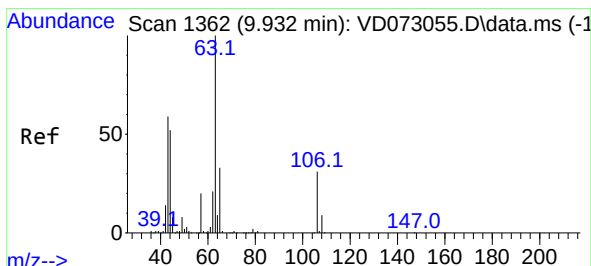
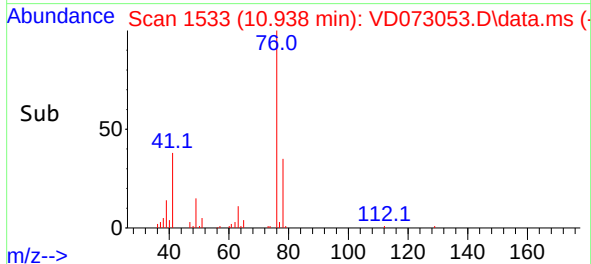
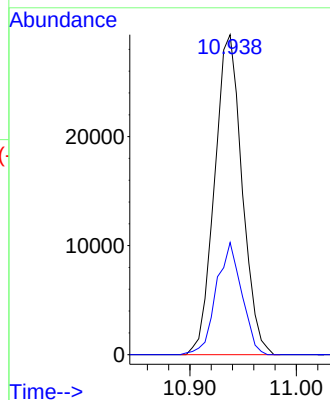
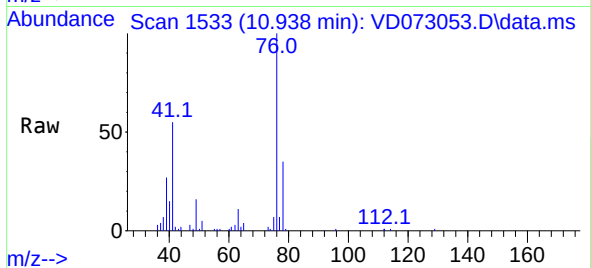
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 38.613 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073053.D

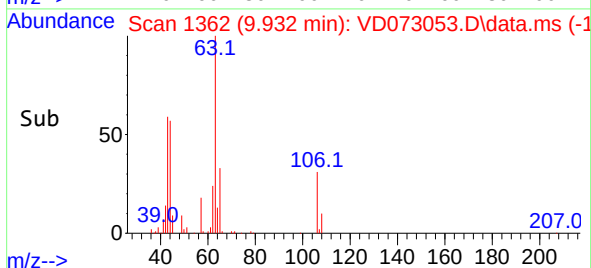
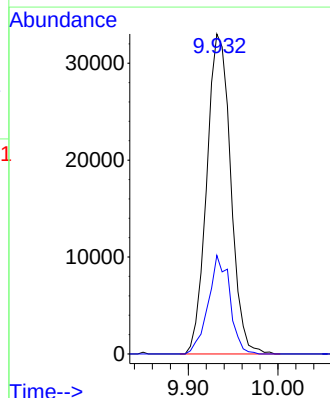
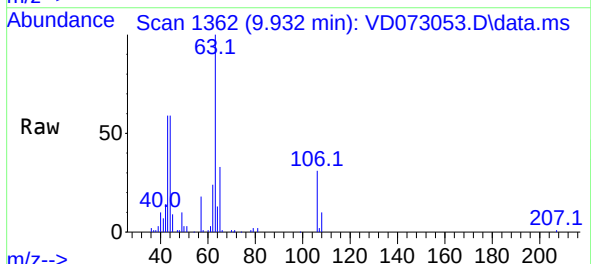
Acq: 17 May 2022 10:47

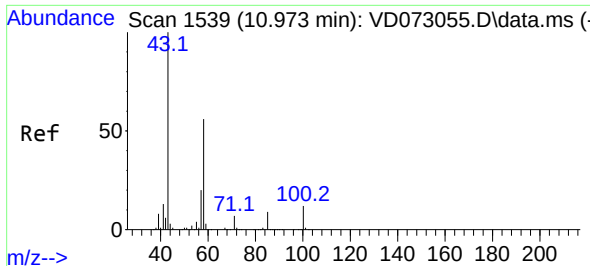
Tgt Ion: 63 Resp: 61214

Ion Ratio Lower Upper

63 100

106 27.9 21.4 32.0





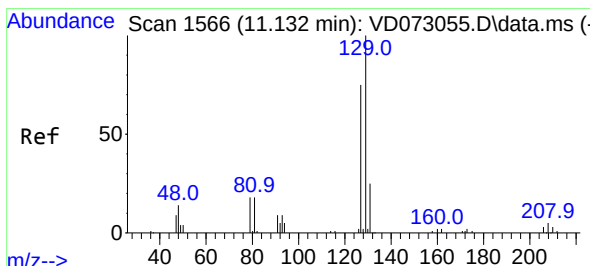
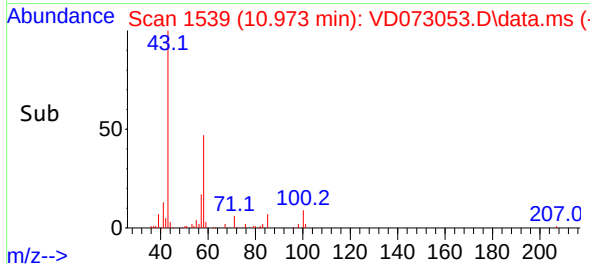
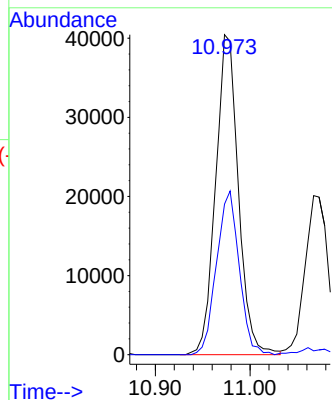
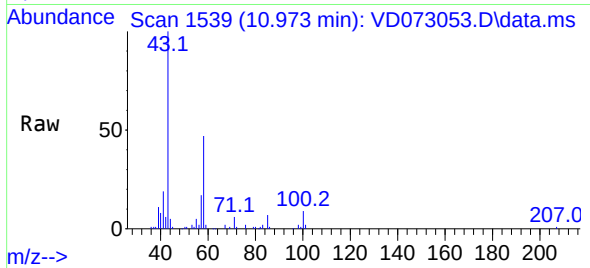
#59
2-Hexanone
Concen: 45.541 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 67549
Ion Ratio Lower Upper
43 100
58 51.0 25.3 75.9

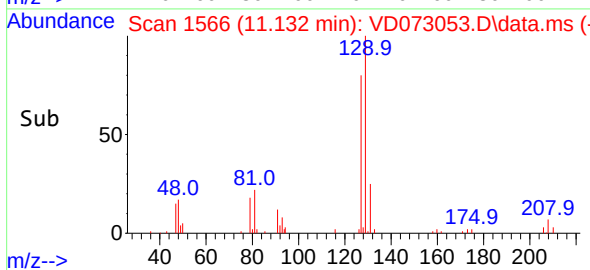
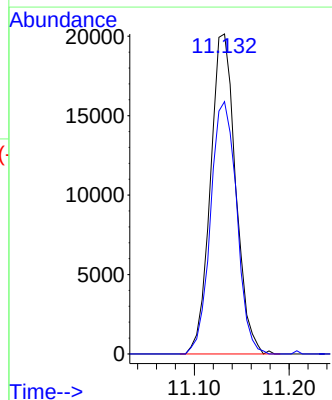
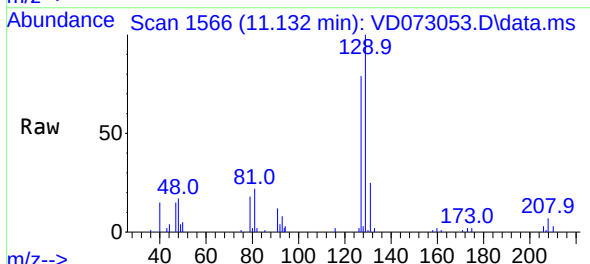
Manual Integrations
APPROVED

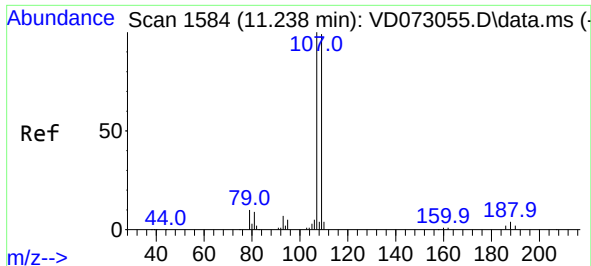
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#60
Dibromochloromethane
Concen: 9.705 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

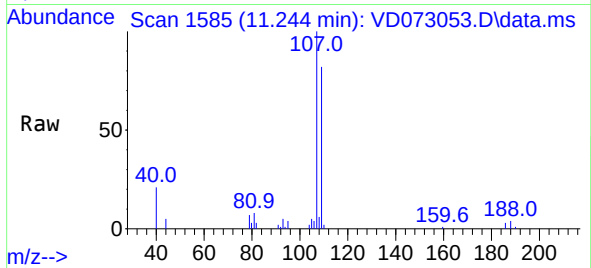
Tgt Ion:129 Resp: 37235
Ion Ratio Lower Upper
129 100
127 81.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 9.536 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

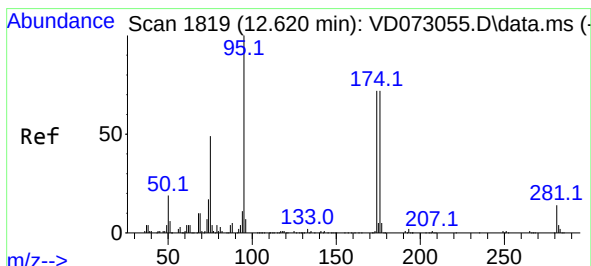
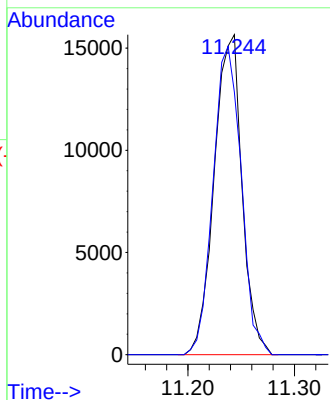
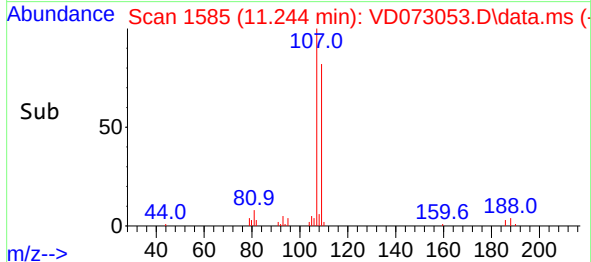
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



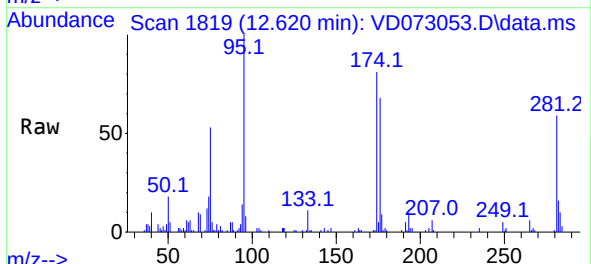
Tgt Ion:107 Resp: 28330
Ion Ratio Lower Upper
107 100
109 97.7 74.2 111.4

Manual Integrations
APPROVED

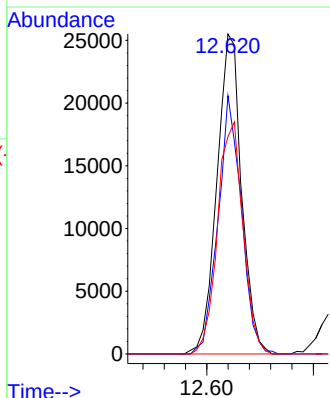
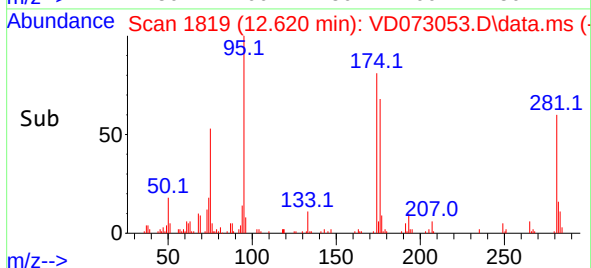
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

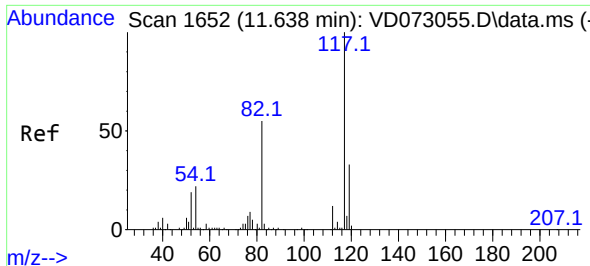


#62
4-Bromofluorobenzene
Concen: 9.214 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



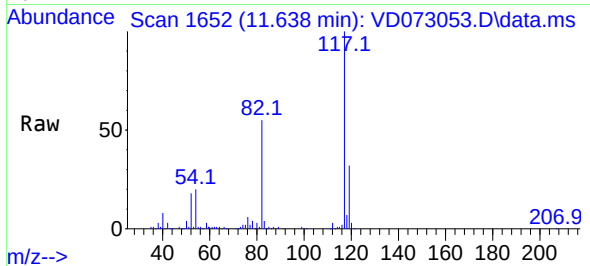
Tgt Ion: 95 Resp: 40941
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

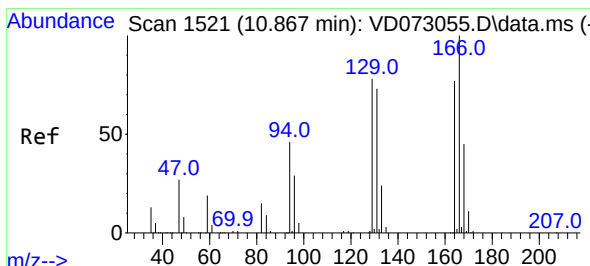
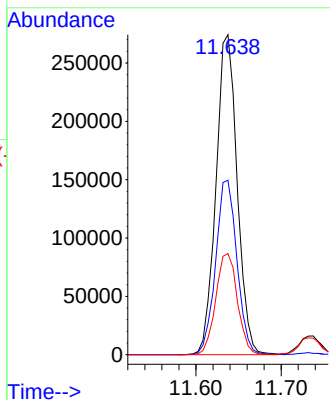
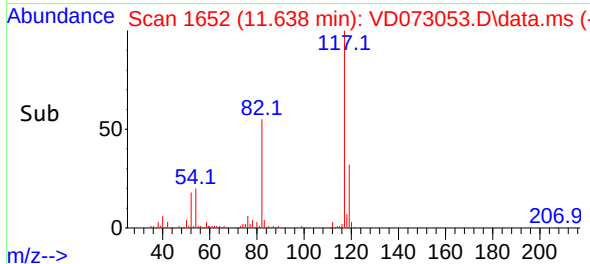
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



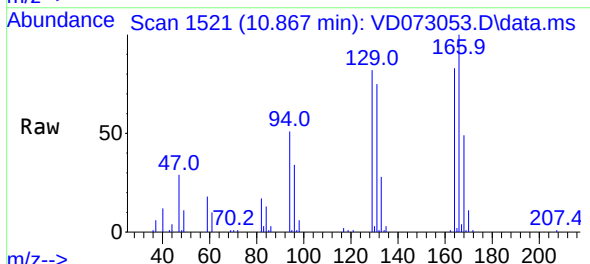
Tgt Ion:117 Resp: 47528
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.6 26.6 40.0

Manual Integrations
APPROVED

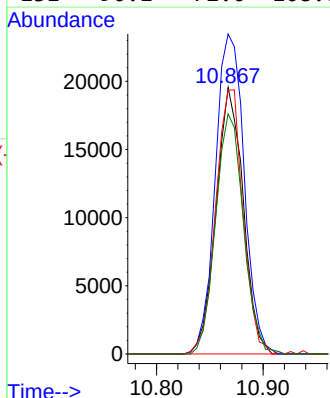
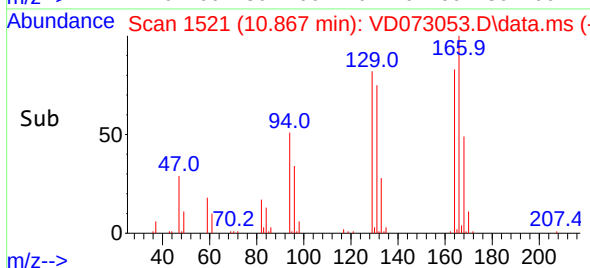
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

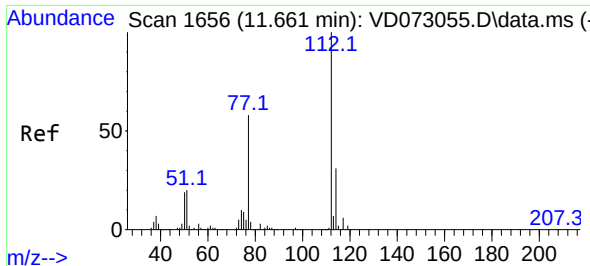


#64
Tetrachloroethene
Concen: 9.921 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



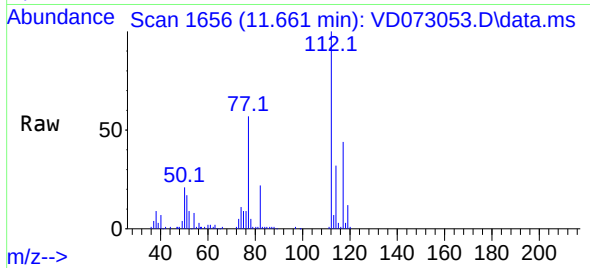
Tgt Ion:164 Resp: 34545
Ion Ratio Lower Upper
164 100
166 120.1 98.5 147.7
129 98.9 74.6 111.8
131 90.1 72.0 108.0





#65
Chlorobenzene
Concen: 9.865 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

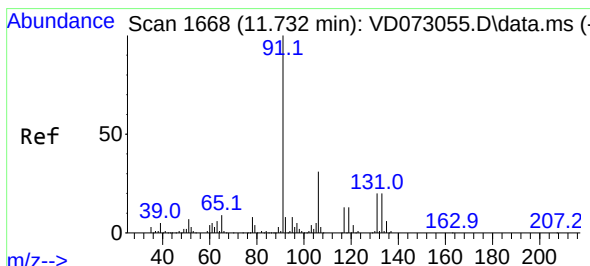
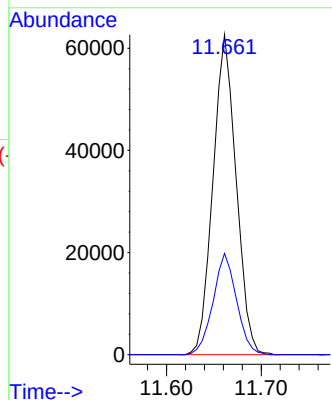
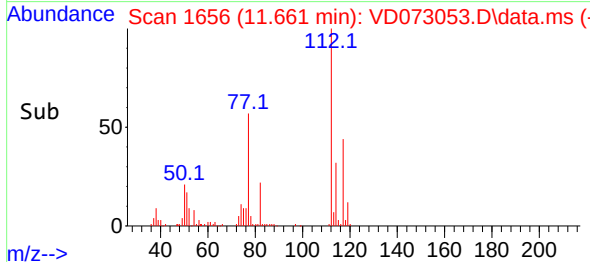
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



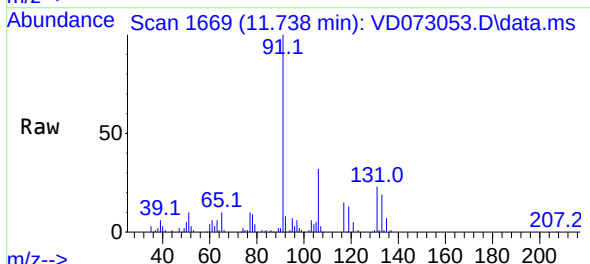
Tgt Ion:112 Resp: 106312
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

Manual Integrations
APPROVED

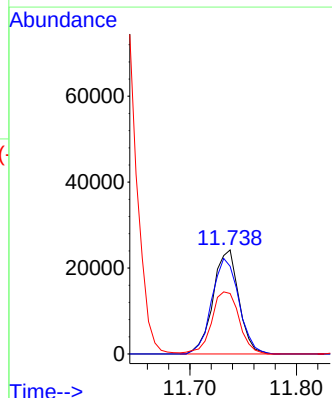
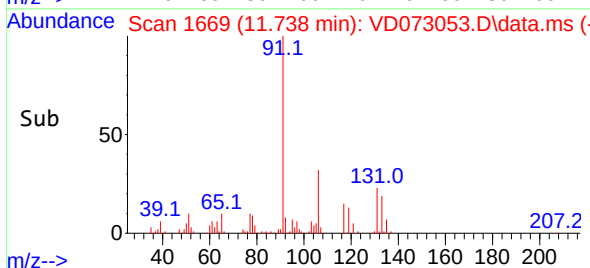
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

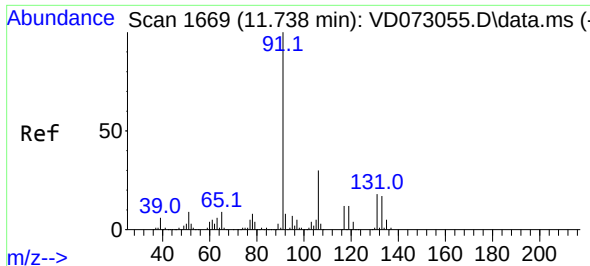


#66
1,1,1,2-Tetrachloroethane
Concen: 9.870 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion:131 Resp: 40630
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.3
119 63.9 31.9 95.9





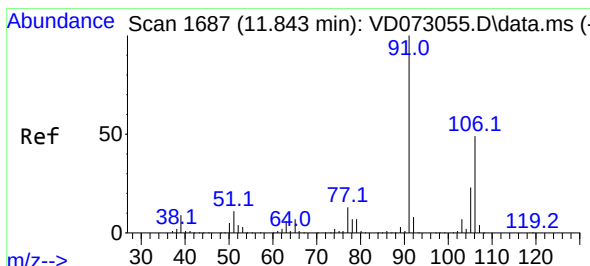
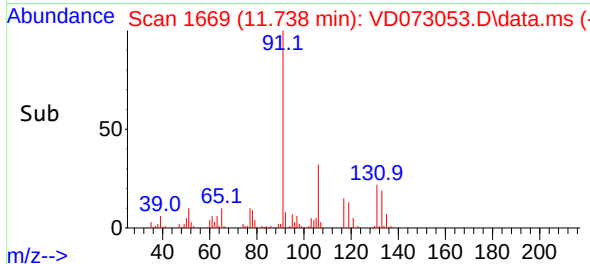
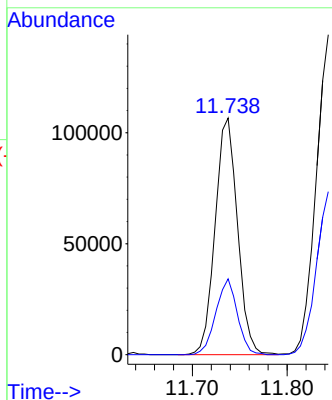
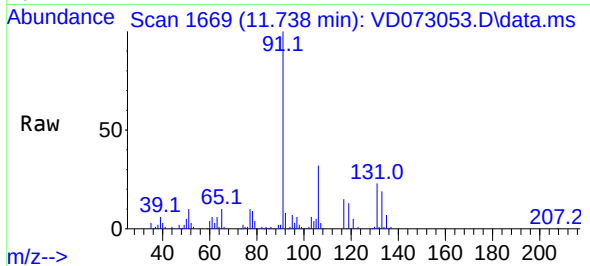
#67
Ethyl Benzene
Concen: 9.338 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 175224
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4

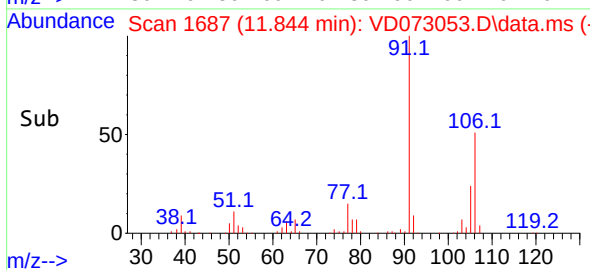
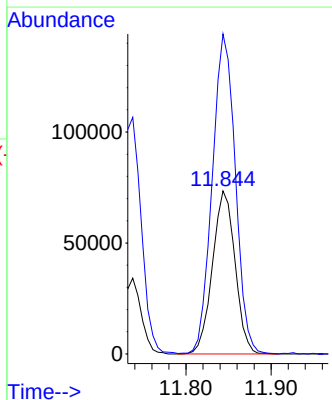
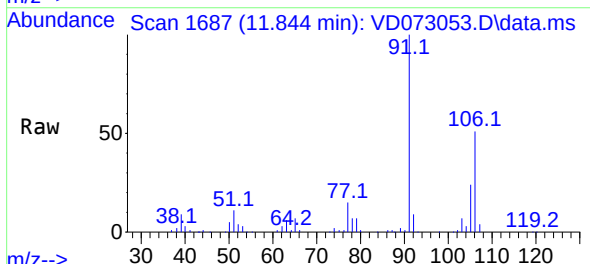
Manual Integrations
APPROVED

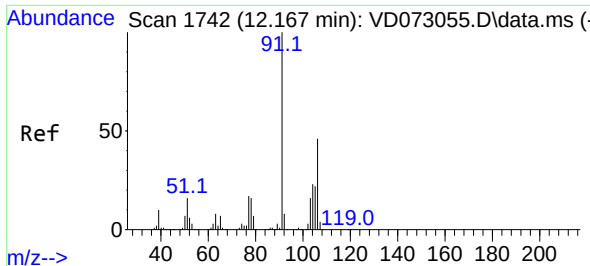
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
m/p-Xylenes
Concen: 18.619 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:106 Resp: 135400
Ion Ratio Lower Upper
106 100
91 201.0 163.7 245.5





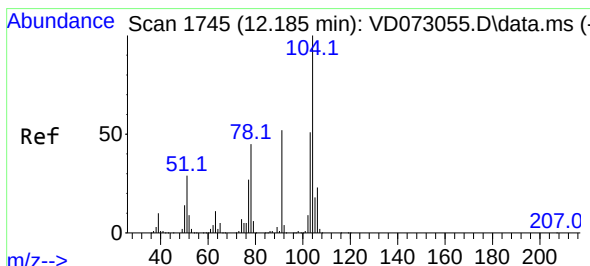
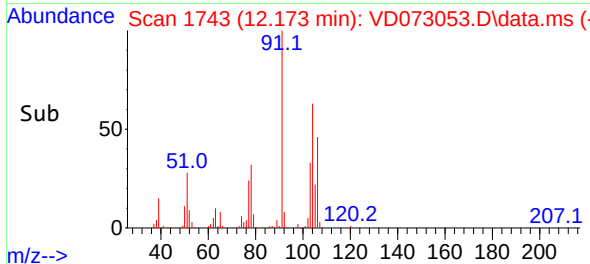
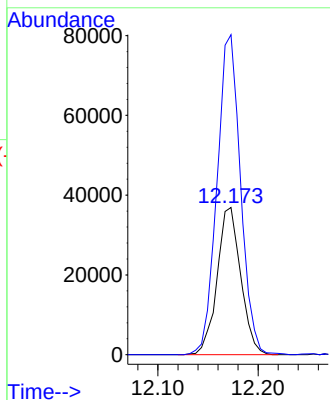
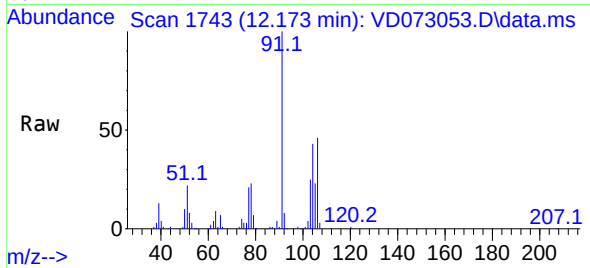
#69
o-Xylene
Concen: 8.976 ug/l
RT: 12.173 min Scan# 1742
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 60200
Ion Ratio Lower Upper
106 100
91 217.2 110.4 331.2

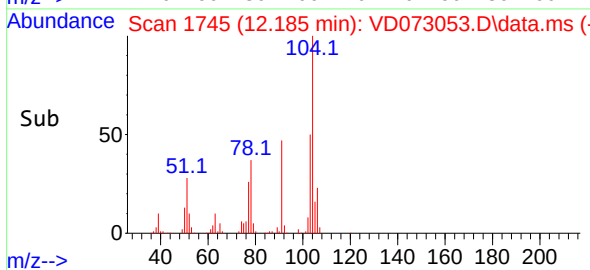
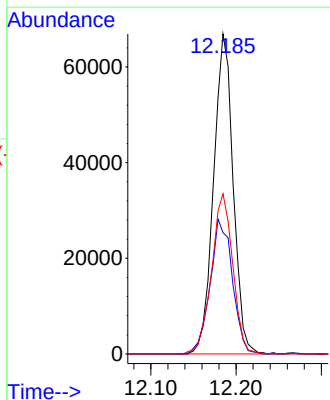
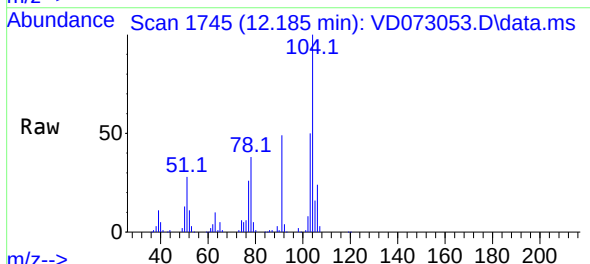
Manual Integrations
APPROVED

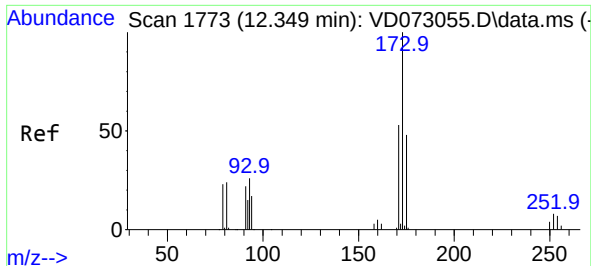
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 9.125 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

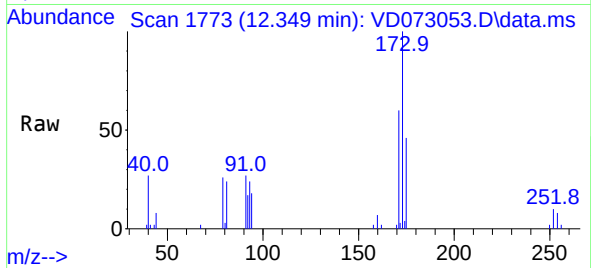
Tgt Ion:104 Resp: 106883
Ion Ratio Lower Upper
104 100
78 47.5 41.8 62.8
103 54.2 44.2 66.4





#71
Bromoform
Concen: 9.855 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

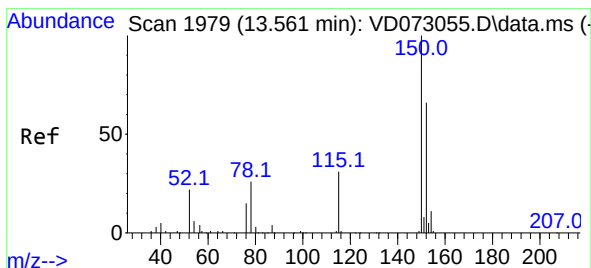
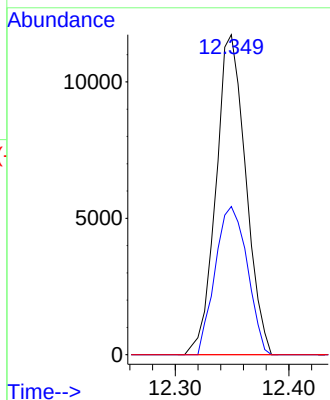
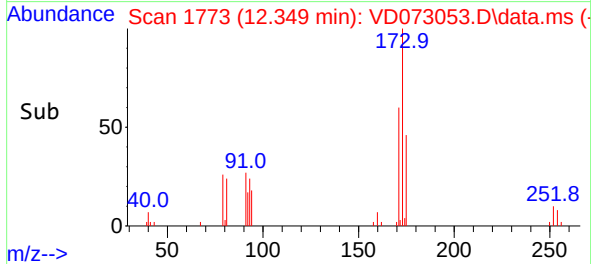
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



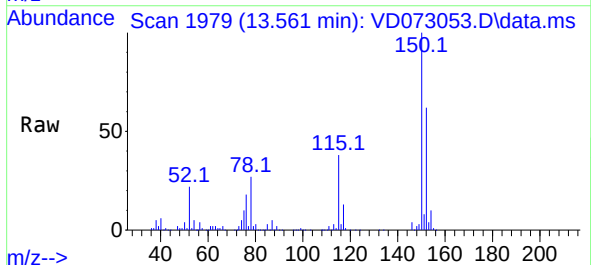
Tgt Ion:173 Resp: 21359
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

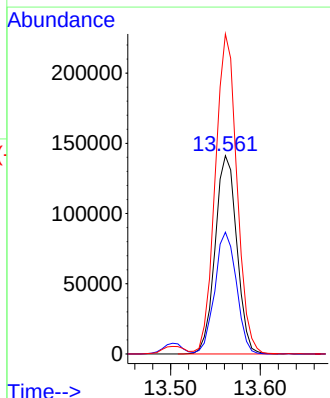
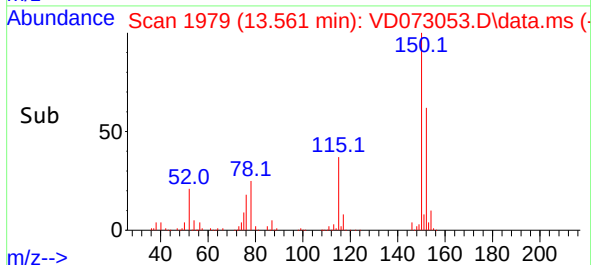
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

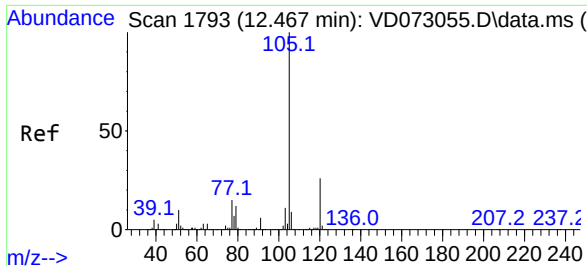


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion:152 Resp: 236441
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 161.6 0.0 348.6





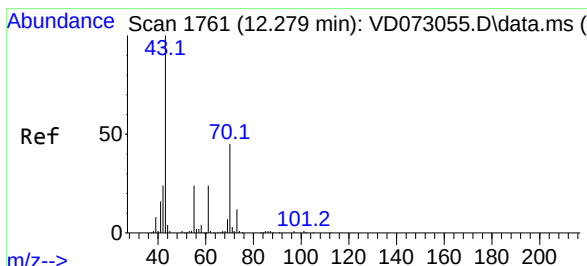
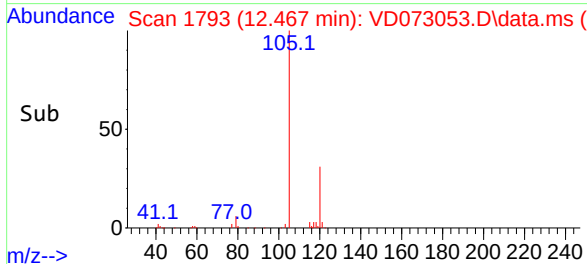
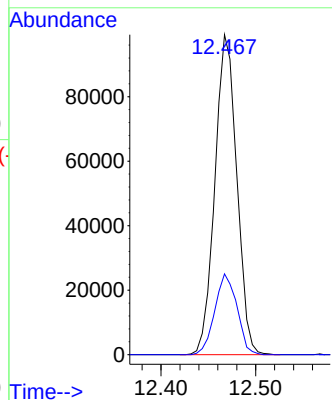
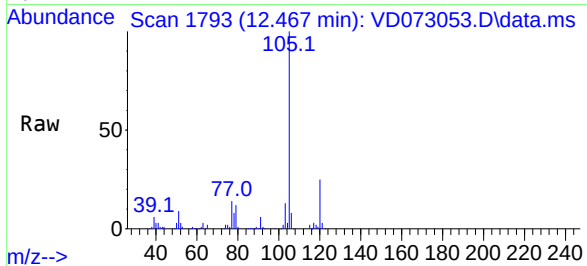
#73
Isopropylbenzene
Concen: 8.906 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 159609
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

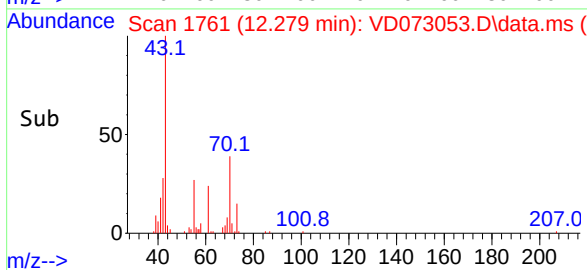
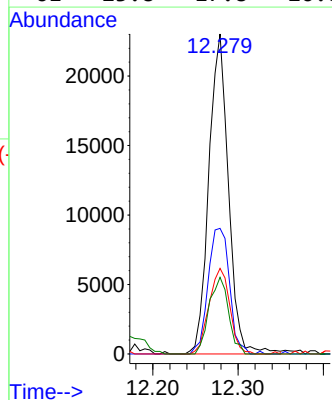
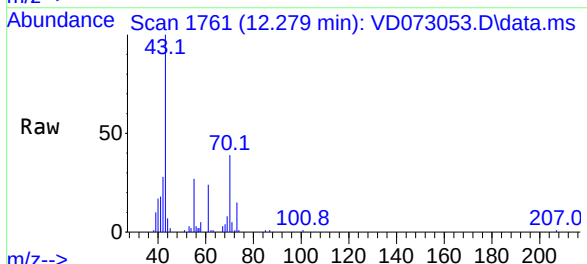
Manual Integrations
APPROVED

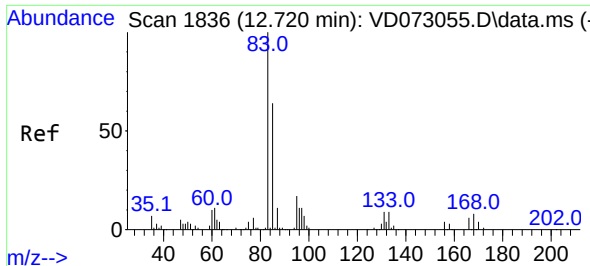
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 8.778 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 43 Resp: 36767
Ion Ratio Lower Upper
43 100
70 42.7 31.3 46.9
55 28.3 20.0 30.0
61 23.8 17.8 26.8





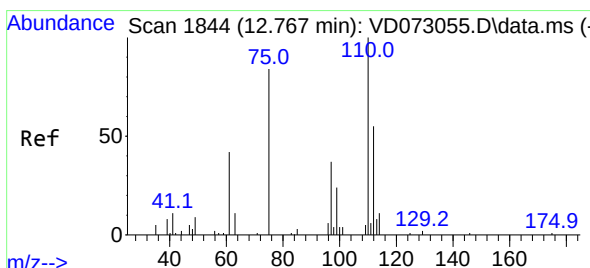
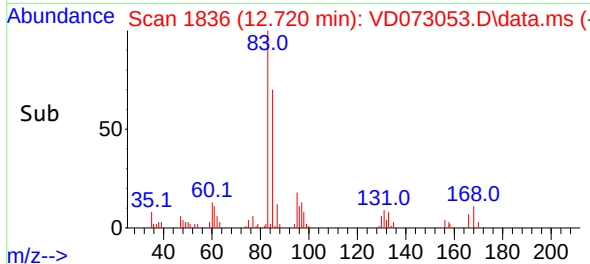
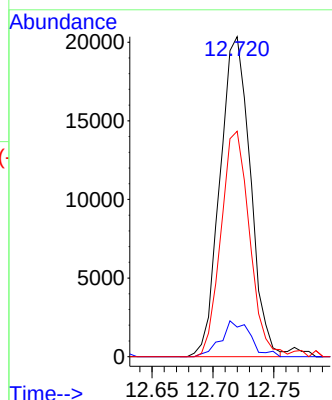
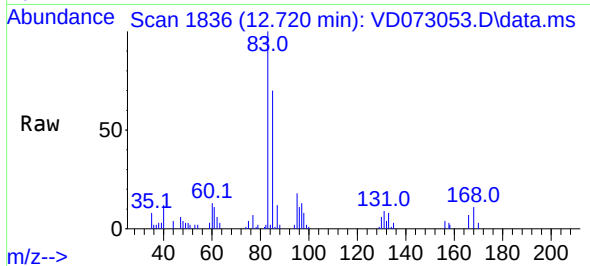
#75
1,1,2,2-Tetrachloroethane
Concen: 9.966 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 3521
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 67.7 32.6 98.0

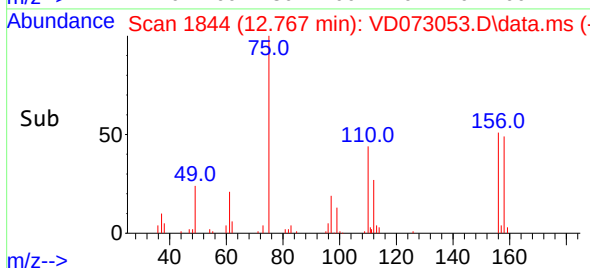
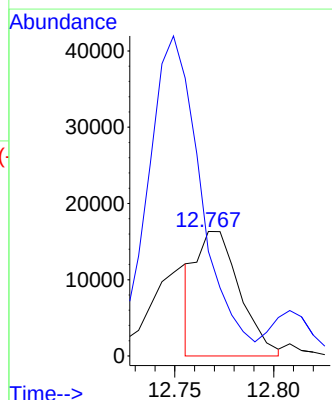
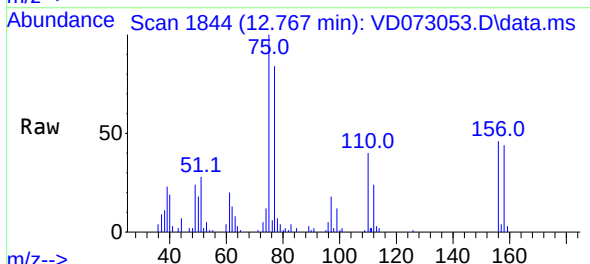
Manual Integrations
APPROVED

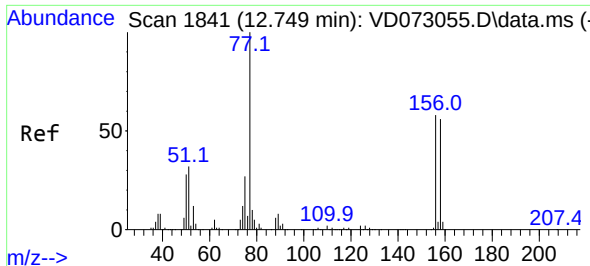
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,2,3-Trichloropropane
Concen: 9.243 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 75 Resp: 25001
Ion Ratio Lower Upper
75 100
77 312.7 0.0 0.0#





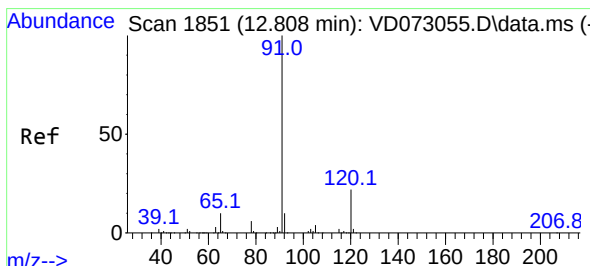
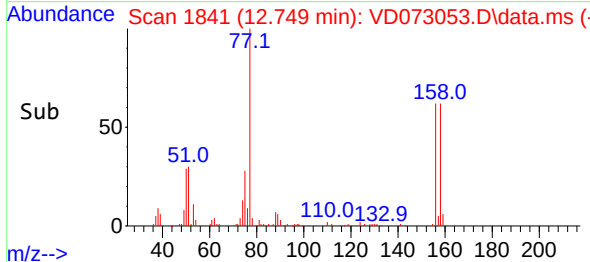
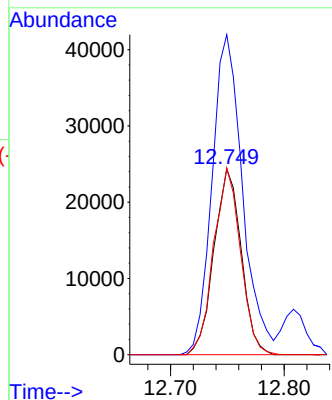
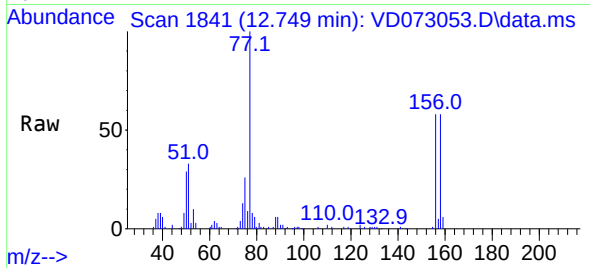
#77
Bromobenzene
Concen: 9.496 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 40608
Ion Ratio Lower Upper
156 100
77 192.5 102.8 308.3
158 99.2 48.7 146.1

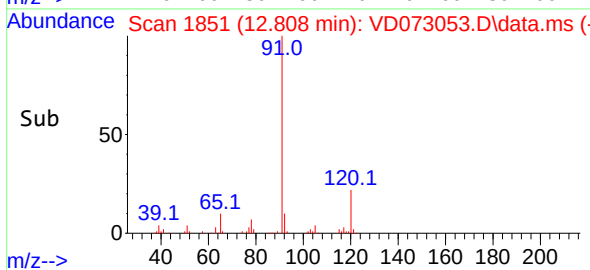
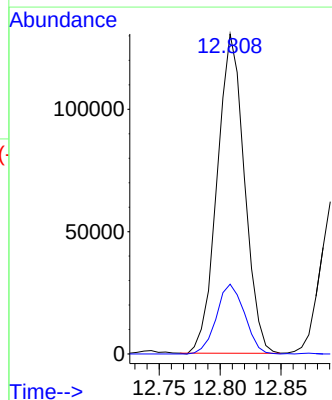
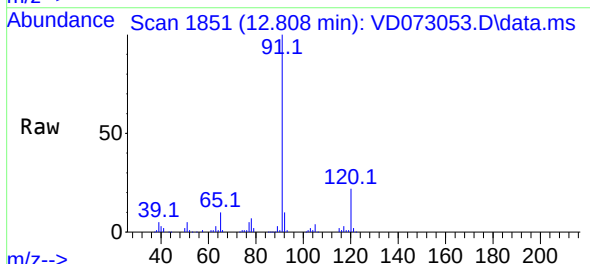
Manual Integrations
APPROVED

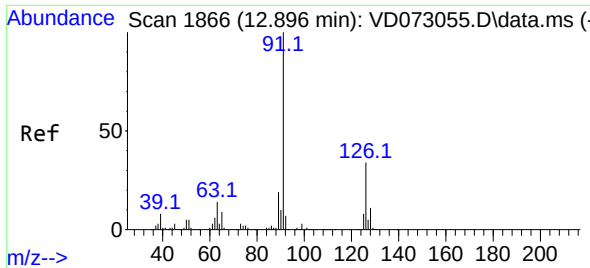
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#78
n-propylbenzene
Concen: 9.023 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion: 91 Resp: 203064
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





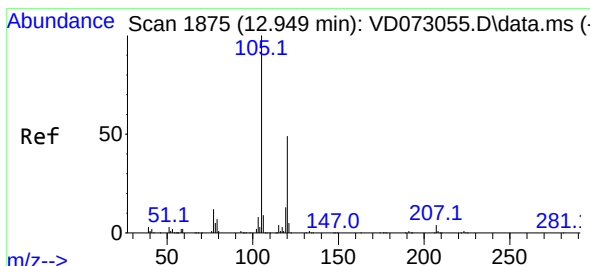
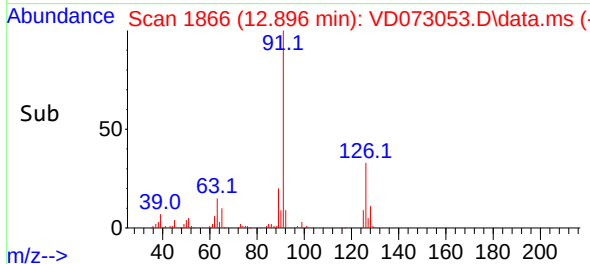
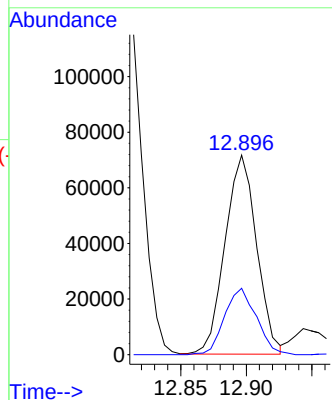
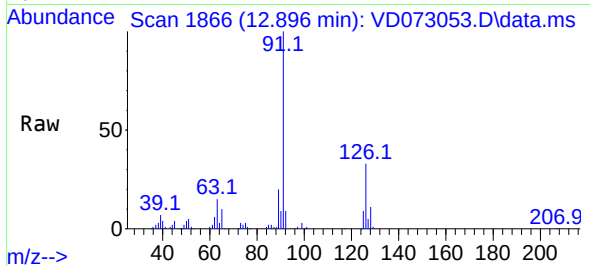
#79
2-Chlorotoluene
Concen: 9.138 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 119807
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6

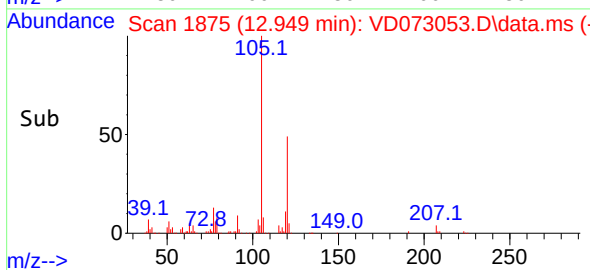
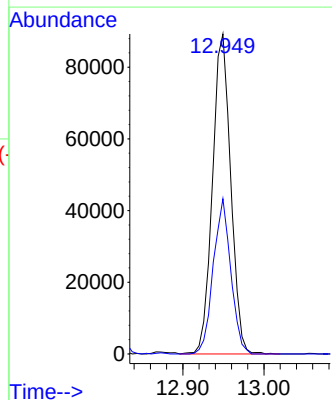
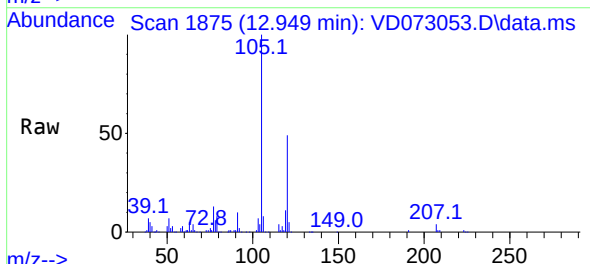
Manual Integrations
APPROVED

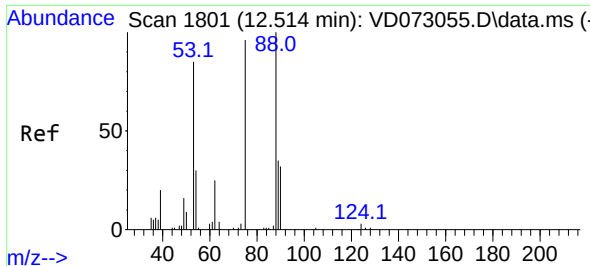
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.118 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Tgt Ion:105 Resp: 139220
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.8





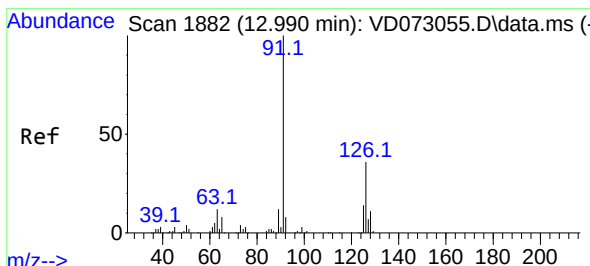
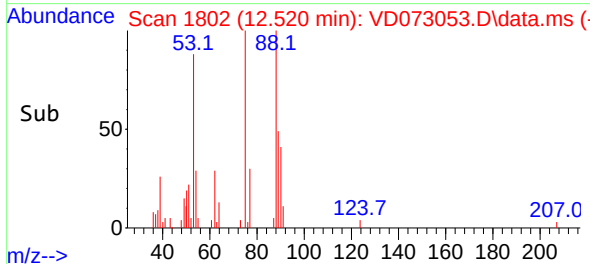
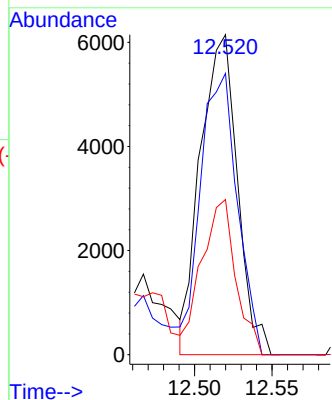
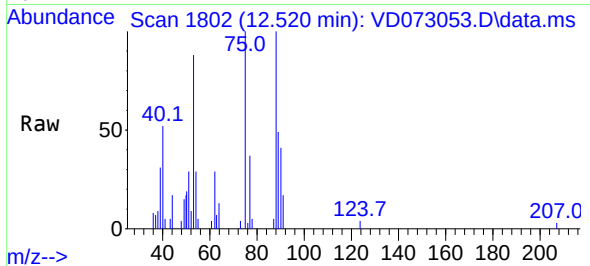
#81
trans-1,4-Dichloro-2-butene
Concen: 9.148 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 1019
Ion Ratio Lower Upper
75 100
53 89.0 86.5 129.7
89 44.9 33.9 50.9

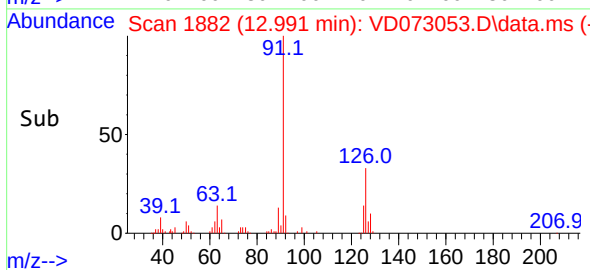
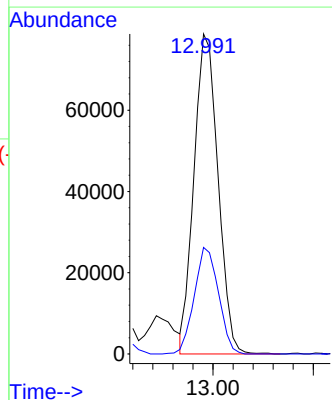
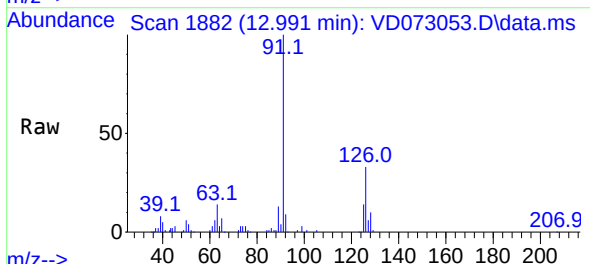
Manual Integrations
APPROVED

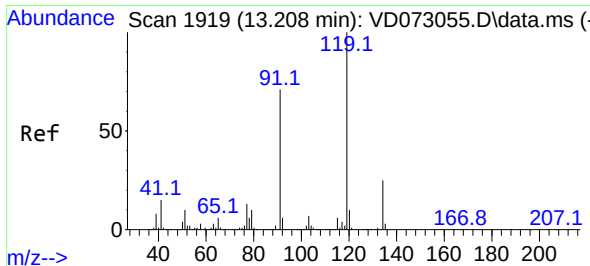
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 9.455 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

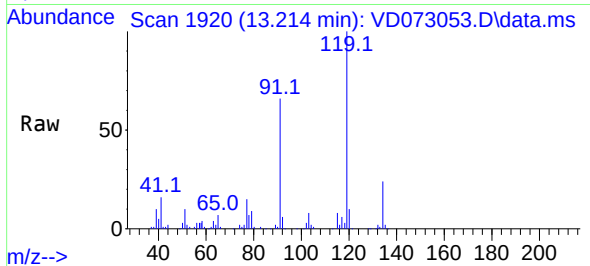
Tgt Ion: 91 Resp: 131195
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83
tert-Butylbenzene
Concen: 8.925 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

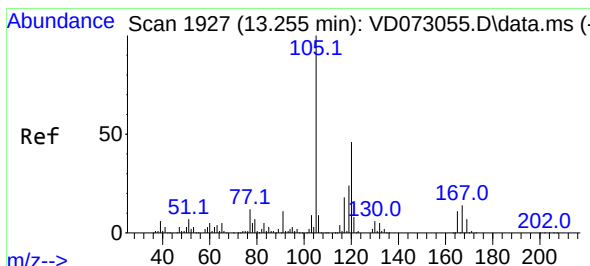
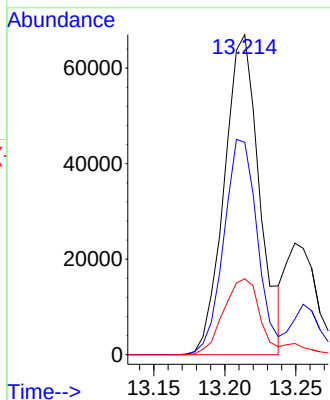
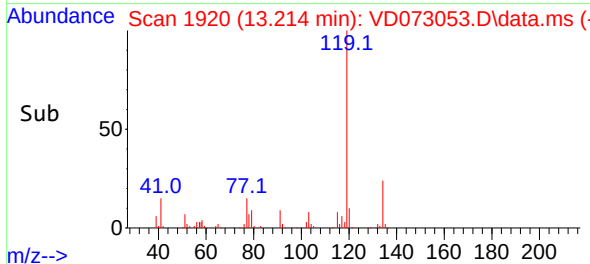
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



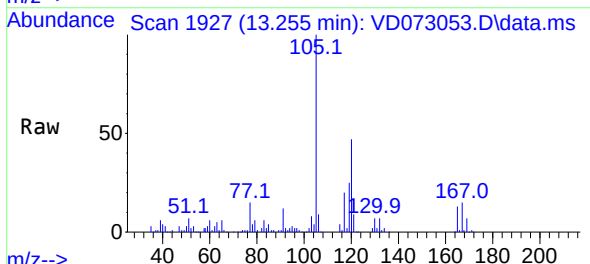
Tgt Ion:119 Resp: 115425
Ion Ratio Lower Upper
119 100
91 64.2 34.8 104.5
134 26.6 13.3 39.9

Manual Integrations
APPROVED

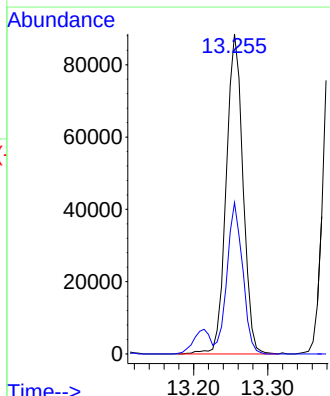
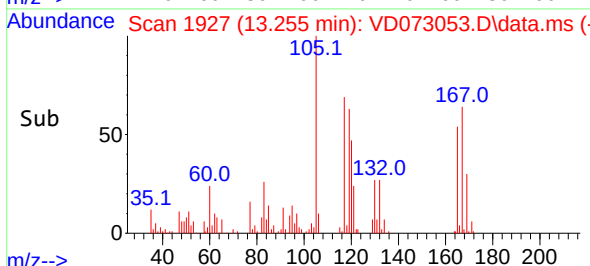
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

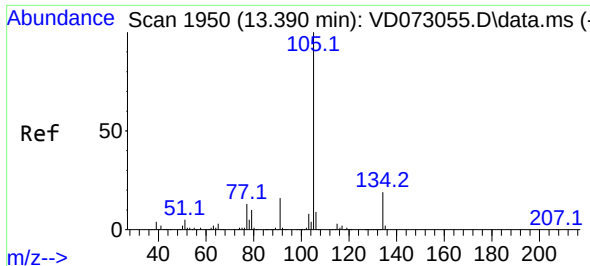


#84
1,2,4-Trimethylbenzene
Concen: 9.141 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



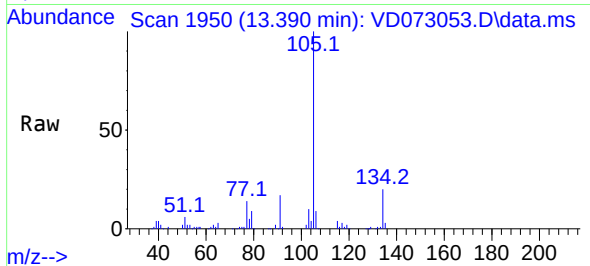
Tgt Ion:105 Resp: 138849
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 9.095 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47

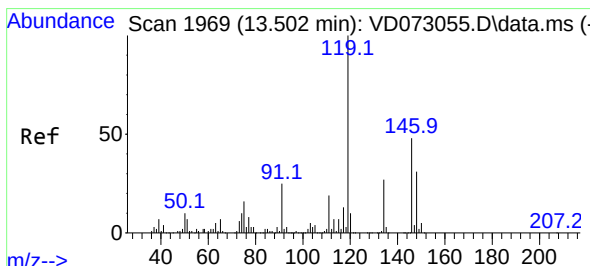
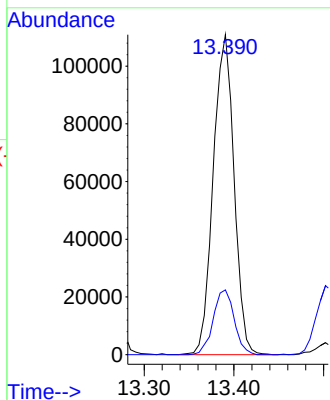
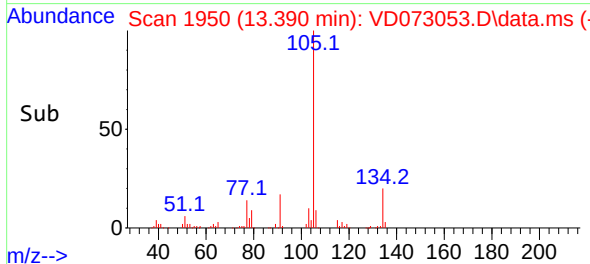
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



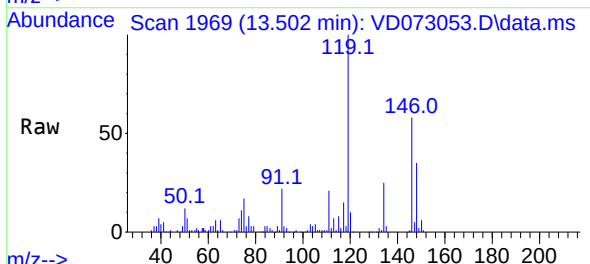
Tgt Ion:105 Resp: 17853
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.3

Manual Integrations
 APPROVED

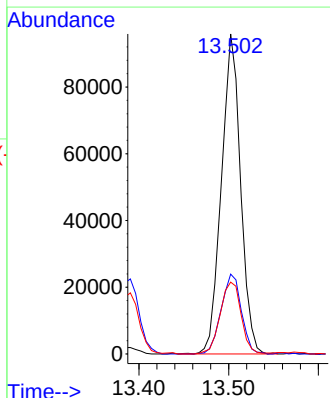
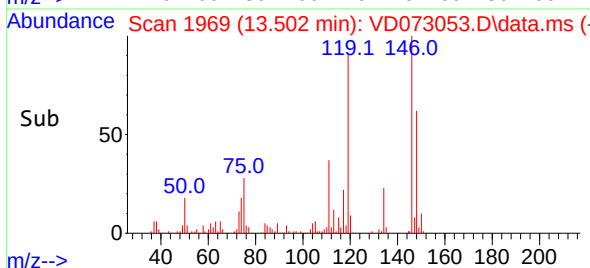
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

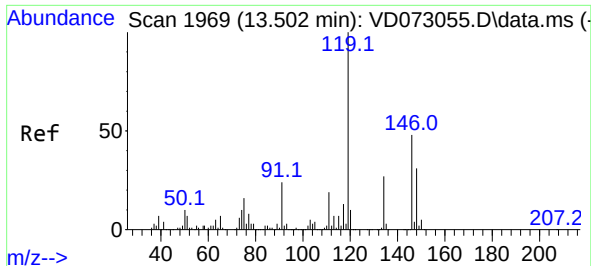


#86
 p-Isopropyltoluene
 Concen: 8.896 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073053.D
 Acq: 17 May 2022 10:47



Tgt Ion:119 Resp: 142043
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 9.869 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

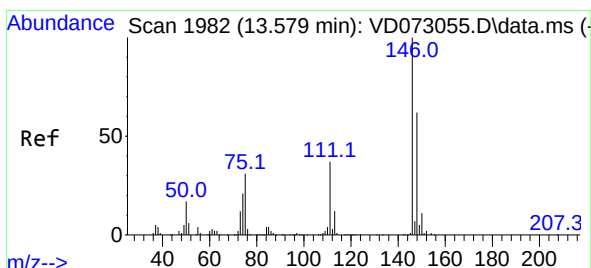
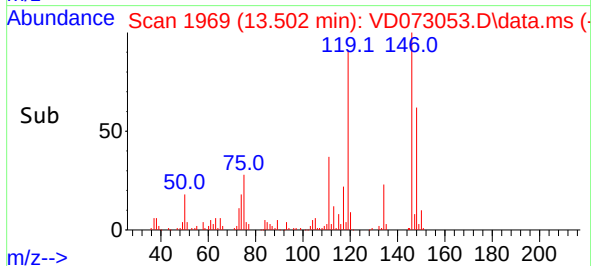
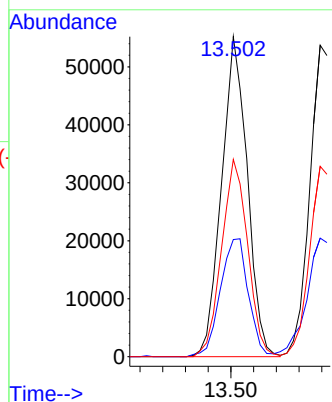
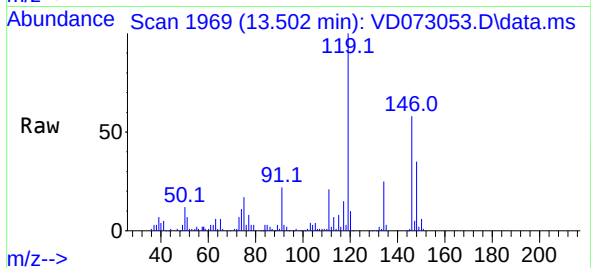
Tgt Ion:146	Resp:	86739
Ion Ratio	Lower	Upper
146	100	
111	40.1	20.4 61.3
148	62.7	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#88

1,4-Dichlorobenzene

Concen: 10.170 ug/l

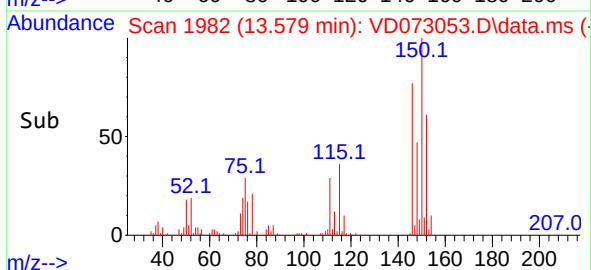
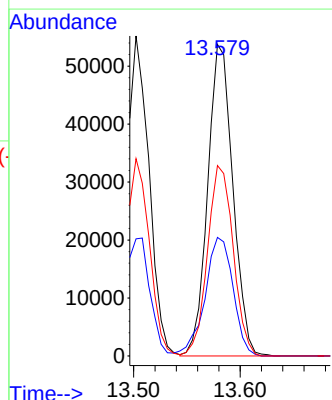
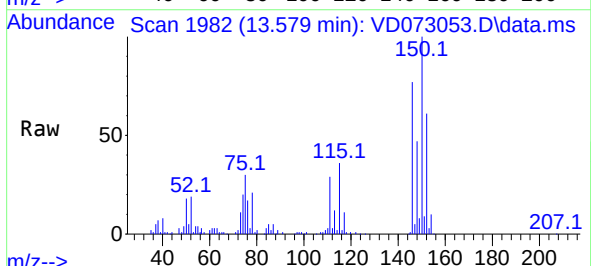
RT: 13.579 min Scan# 1982

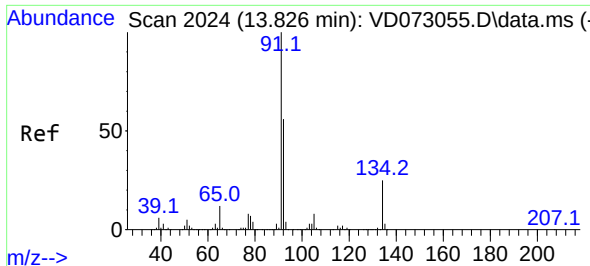
Delta R.T. 0.000 min

Lab File: VD073053.D

Acq: 17 May 2022 10:47

Tgt Ion:146	Resp:	88331
Ion Ratio	Lower	Upper
146	100	
111	42.5	20.3 60.9
148	62.4	31.7 95.1





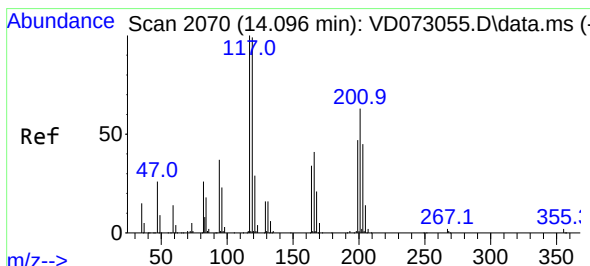
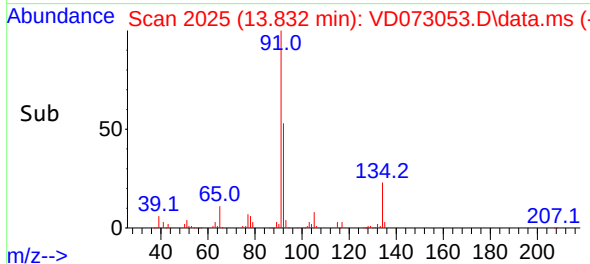
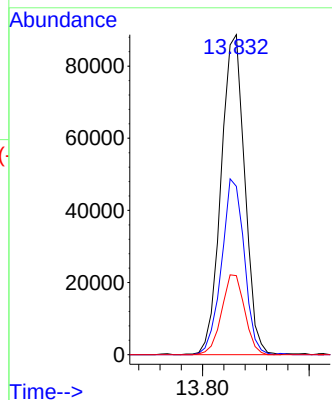
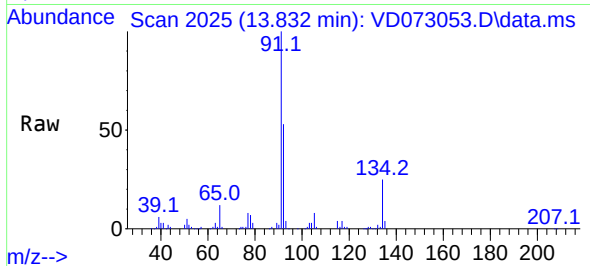
#89
n-Butylbenzene
Concen: 8.800 ug/l
RT: 13.832 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 136649
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 24.3 12.3 36.9

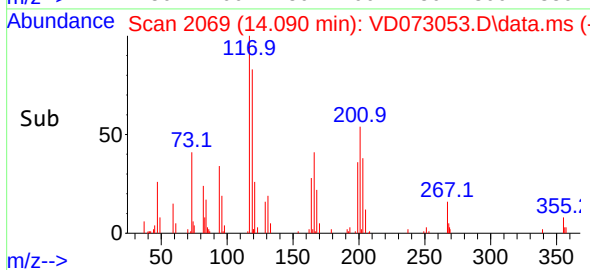
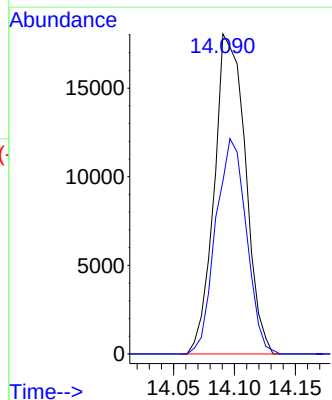
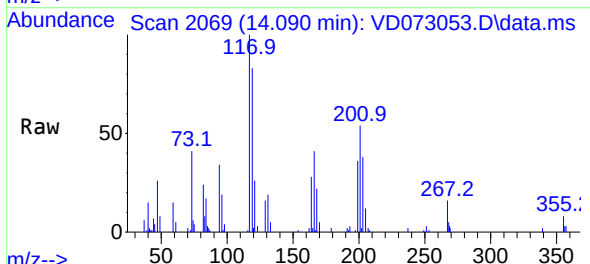
Manual Integrations
APPROVED

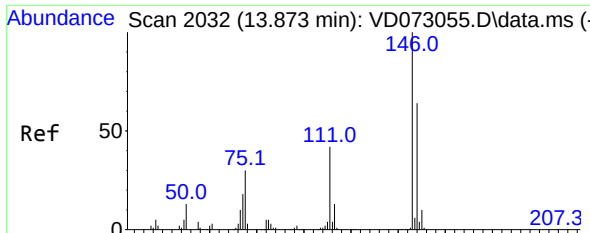
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 9.682 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

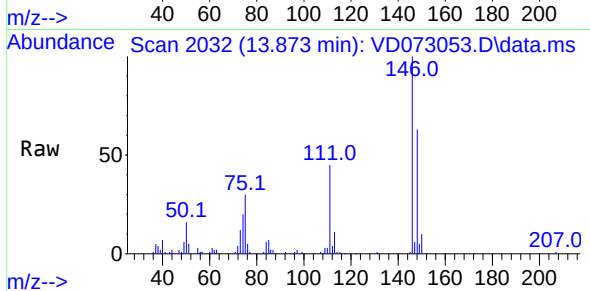
Tgt Ion:117 Resp: 32124
Ion Ratio Lower Upper
117 100
201 66.3 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 9.729 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

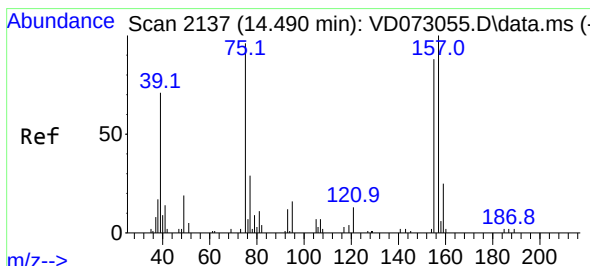
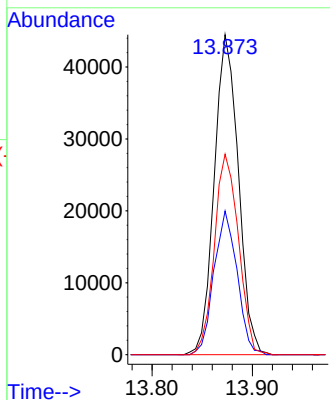
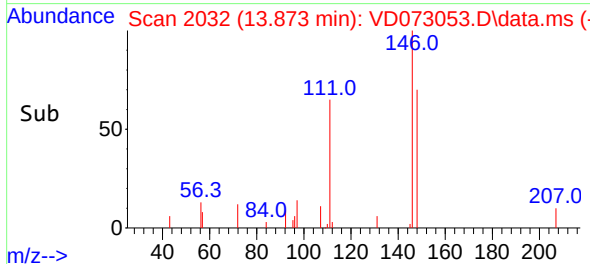
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



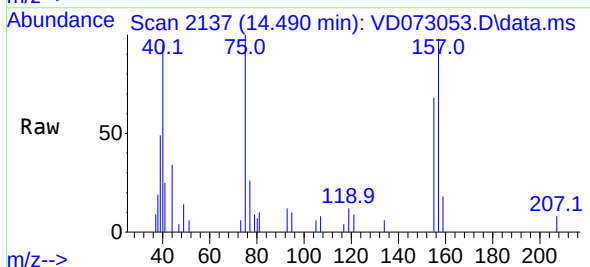
Tgt Ion:146 Resp: 7416
Ion Ratio Lower Upper
146 100
111 43.2 21.1 63.3
148 62.9 31.7 95.1

Manual Integrations
APPROVED

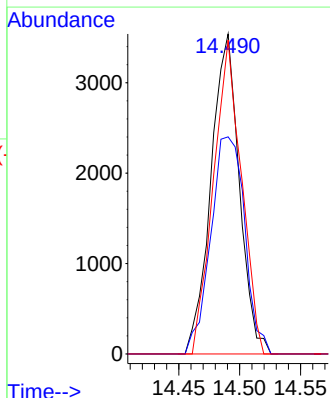
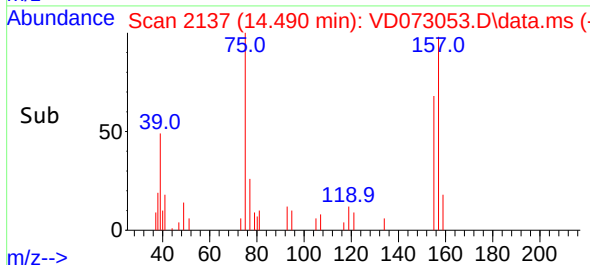
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

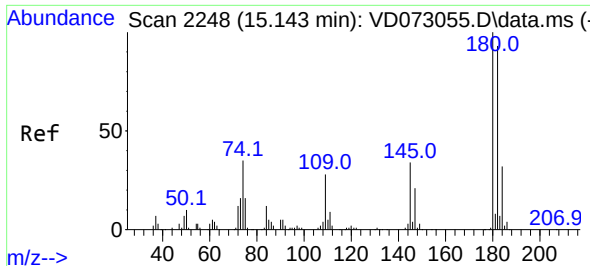


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.450 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



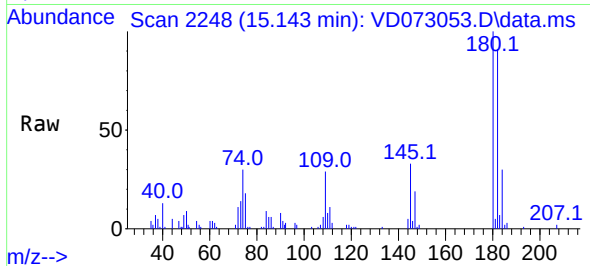
Tgt Ion: 75 Resp: 5739
Ion Ratio Lower Upper
75 100
155 81.2 36.8 110.3
157 96.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 8.817 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

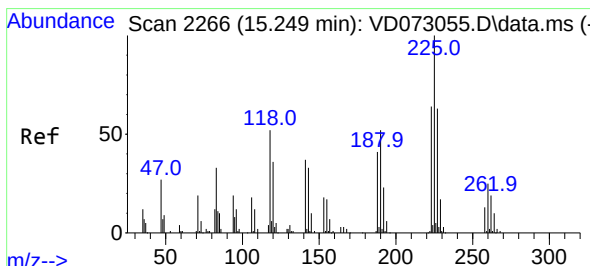
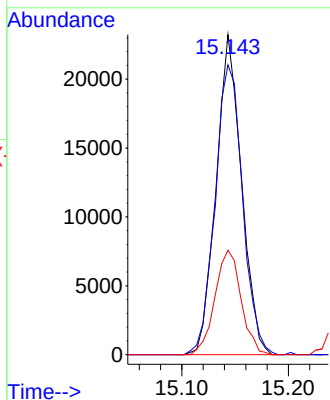
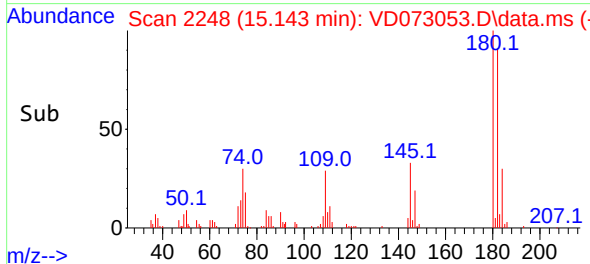
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



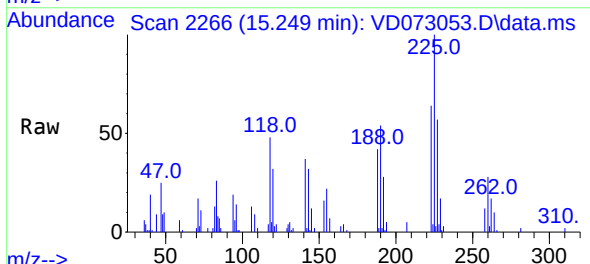
Tgt Ion:180 Resp: 3834
Ion Ratio Lower Upper
180 100
182 98.1 47.3 142.0
145 33.7 16.2 48.5

Manual Integrations
APPROVED

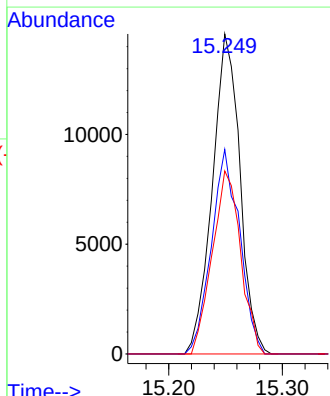
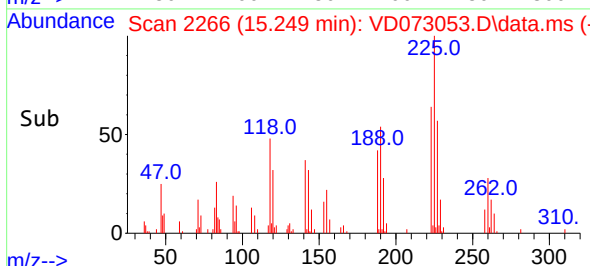
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

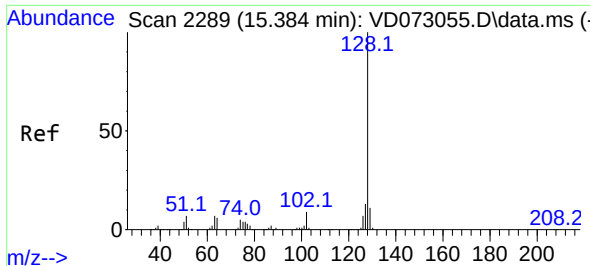


#94
Hexachlorobutadiene
Concen: 10.128 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



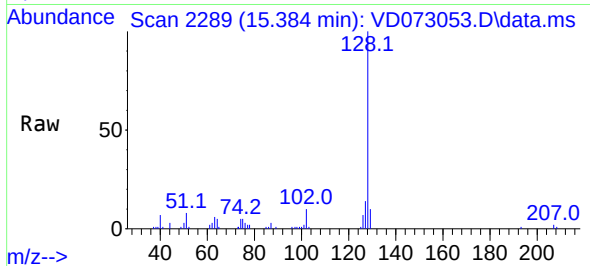
Tgt Ion:225 Resp: 24587
Ion Ratio Lower Upper
225 100
223 65.4 31.1 93.2
227 58.8 32.4 97.0





#95
Naphthalene
Concen: 8.254 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47

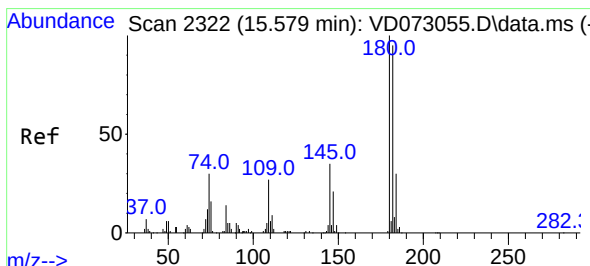
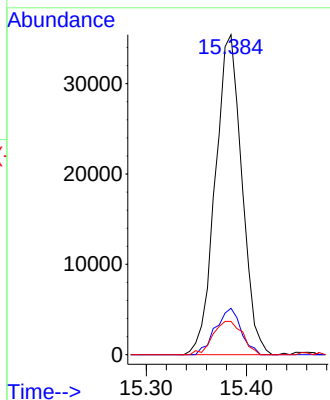
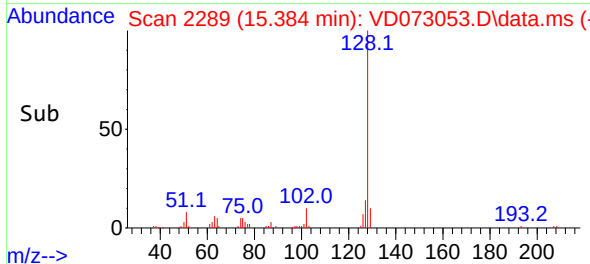
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



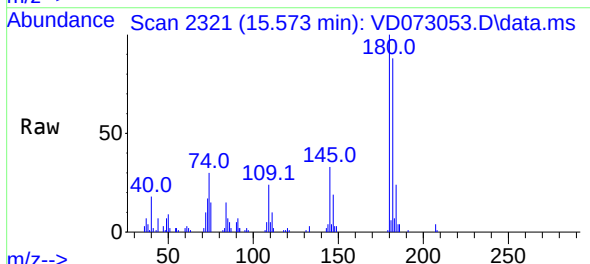
Tgt Ion:128 Resp: 6503
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.6 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 9.286 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073053.D
Acq: 17 May 2022 10:47



Tgt Ion:180 Resp: 35856
Ion Ratio Lower Upper
180 100
182 91.6 47.6 142.9
145 34.6 17.1 51.3

