

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073091.D
 Acq On : 18 May 2022 11:28
 Operator : VA/SY
 Sample : VD0518SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 18 16:28:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	255666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	423976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	426246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	216075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180385	56.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.840%			
35) Dibromofluoromethane	7.908	113	171927	57.756	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.520%			
50) Toluene-d8	10.332	98	640252	59.287	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.580%			
62) 4-Bromofluorobenzene	12.620	95	225417	57.630	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	77293	24.177	ug/l	94
3) Chloromethane	2.209	50	78747	23.893	ug/l	97
4) Vinyl Chloride	2.350	62	72349	23.869	ug/l	93
5) Bromomethane	2.756	94	50061	23.253	ug/l	92
6) Chloroethane	2.909	64	43232	22.904	ug/l	95
7) Trichlorofluoromethane	3.268	101	130540	23.534	ug/l	99
8) Diethyl Ether	3.709	74	31863	20.993	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	78983	24.045	ug/l	98
10) Methyl Iodide	4.297	142	68440	20.651	ug/l	98
11) Tert butyl alcohol	5.197	59	36661	74.131	ug/l #	81
12) 1,1-Dichloroethene	4.067	96	68356	23.013	ug/l	90
13) Acrolein	3.920	56	31368	111.550	ug/l	94
14) Allyl chloride	4.709	41	101444	21.556	ug/l	90
15) Acrylonitrile	5.420	53	81491	112.022	ug/l	98
16) Acetone	4.156	43	63134	109.116	ug/l	90
17) Carbon Disulfide	4.409	76	229508	23.070	ug/l	100
18) Methyl Acetate	4.709	43	38566	22.889	ug/l #	79
19) Methyl tert-butyl Ether	5.479	73	153141	22.046	ug/l	91
20) Methylene Chloride	4.956	84	92365	21.995	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	81972	23.200	ug/l	89
22) Diisopropyl ether	6.361	45	227728	22.545	ug/l	94
23) Vinyl Acetate	6.303	43	603849	110.658	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	139963	22.272	ug/l	95
25) 2-Butanone	7.208	43	98606	112.545	ug/l	93
26) 2,2-Dichloropropane	7.208	77	117045	21.999	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	85410	21.920	ug/l	91
28) Bromochloromethane	7.544	49	42621	19.799	ug/l #	80
29) Tetrahydrofuran	7.561	42	63914	113.368	ug/l	94
30) Chloroform	7.703	83	151823	22.579	ug/l	96
31) Cyclohexane	7.979	56	129382	22.465	ug/l #	87
32) 1,1,1-Trichloroethane	7.897	97	135061	23.446	ug/l	95
36) 1,1-Dichloropropene	8.103	75	114540	23.615	ug/l	97
37) Ethyl Acetate	7.285	43	45857	22.512	ug/l #	94
38) Carbon Tetrachloride	8.091	117	119580	24.097	ug/l	98
39) Methylcyclohexane	9.350	83	129071	22.821	ug/l	96
40) Benzene	8.344	78	320100	23.080	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	24764	21.559	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	89487	22.167	ug/l	96
43) Isopropyl Acetate	8.444	43	84675	22.358	ug/l #	92
44) Trichloroethene	9.108	130	85224	22.718	ug/l	96
45) 1,2-Dichloropropane	9.385	63	82336	22.861	ug/l	93
46) Dibromomethane	9.467	93	44755	22.473	ug/l	95
47) Bromodichloromethane	9.655	83	118079	23.344	ug/l #	99
48) Methyl methacrylate	9.450	41	44800	23.848	ug/l	91
49) 1,4-Dioxane	9.455	88	9417	454.177	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	226342	114.522	ug/l	96
52) Toluene	10.397	92	207390	23.553	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	104065	22.558	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	123296	22.668	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	64204	23.619	ug/l	99
56) Ethyl methacrylate	10.649	69	69371	22.565	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	106949	23.123	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	136355	98.528	ug/l	98
59) 2-Hexanone	10.973	43	151653	116.156	ug/l	96
60) Dibromochloromethane	11.132	129	79449	23.525	ug/l	99
61) 1,2-Dibromoethane	11.238	107	59878	22.891	ug/l	96
64) Tetrachloroethene	10.867	164	73215	23.445	ug/l	95
65) Chlorobenzene	11.661	112	221195	22.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	82341	22.303	ug/l	98
67) Ethyl Benzene	11.738	91	376164	22.353	ug/l	95
68) m/p-Xylenes	11.844	106	303090	46.472	ug/l	98
69) o-Xylene	12.173	106	136557	22.705	ug/l	95
70) Styrene	12.185	104	241291	22.969	ug/l	98
71) Bromoform	12.349	173	45748	23.535	ug/l #	99
73) Isopropylbenzene	12.467	105	365863	22.338	ug/l	99
74) N-amyl acetate	12.279	43	82179	21.470	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	72377	22.415	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	53408m	21.865	ug/l	
77) Bromobenzene	12.749	156	89040	22.785	ug/l	94
78) n-propylbenzene	12.808	91	475932	23.140	ug/l	98
79) 2-Chlorotoluene	12.896	91	267032	22.286	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	320393	22.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	21155	20.767	ug/l	91
82) 4-Chlorotoluene	12.991	91	287420	22.665	ug/l	100
83) tert-Butylbenzene	13.208	119	264030	22.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	320572	23.093	ug/l	100
85) sec-Butylbenzene	13.390	105	410524	22.883	ug/l	99
86) p-Isopropyltoluene	13.502	119	338428	23.192	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	179921	22.401	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	177267	22.334	ug/l	99
89) n-Butylbenzene	13.826	91	322937	22.757	ug/l	98
90) Hexachloroethane	14.096	117	68277	22.518	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	159439	22.887	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11624	23.160	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	88422	22.246	ug/l	98
94) Hexachlorobutadiene	15.249	225	50385	22.710	ug/l	94
95) Naphthalene	15.385	128	149976	20.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	78183	22.155	ug/l	99

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

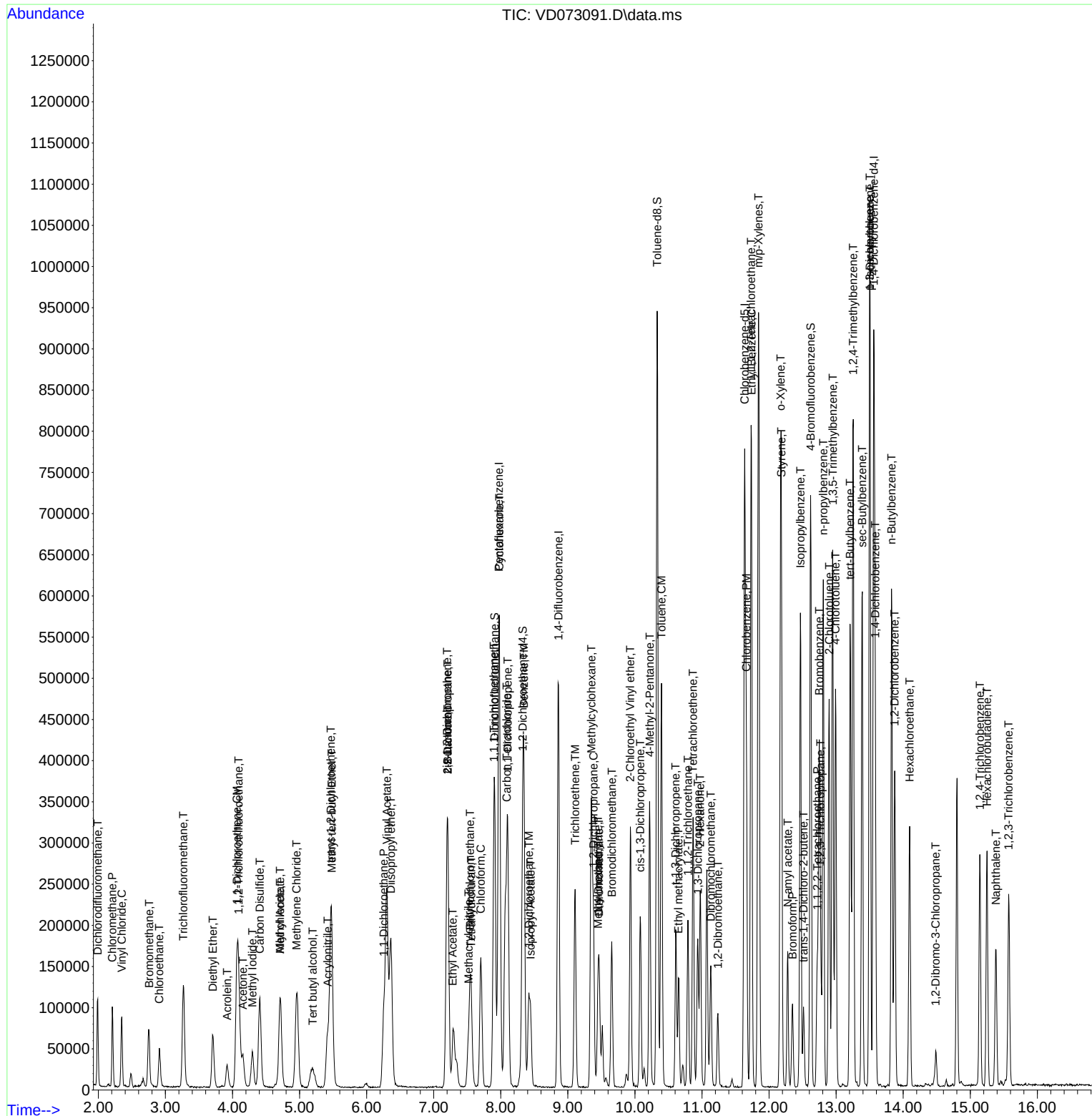
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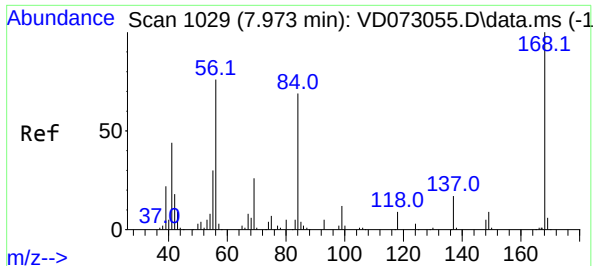
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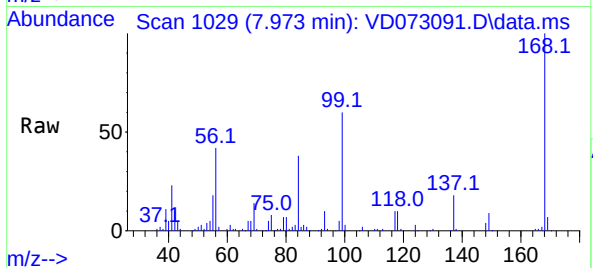
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073091.D
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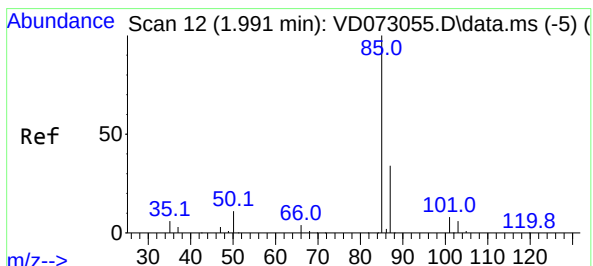
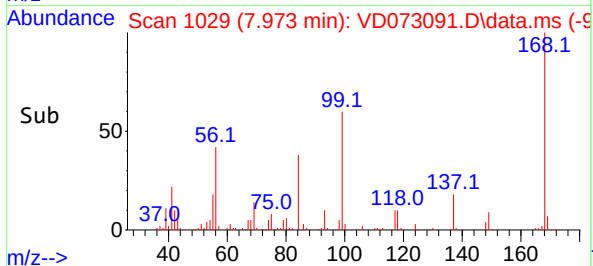
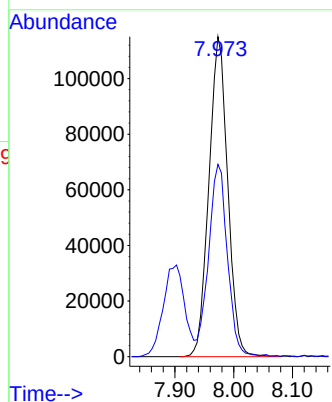
Instrument :
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Tgt Ion:168 Resp: 25566
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6

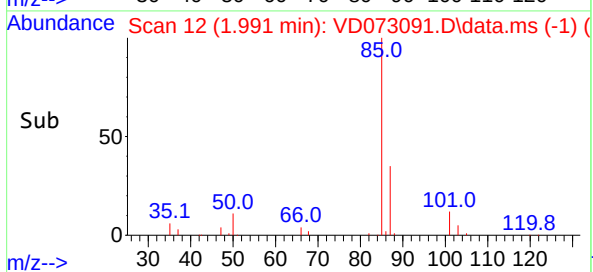
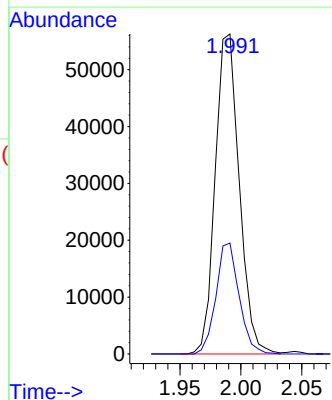
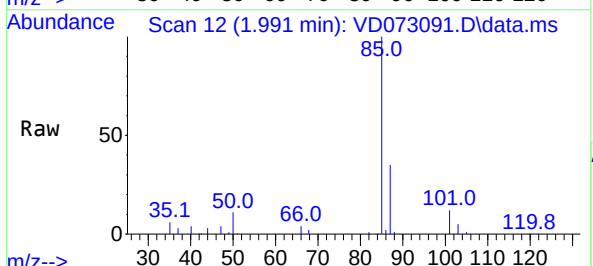
Manual Integrations
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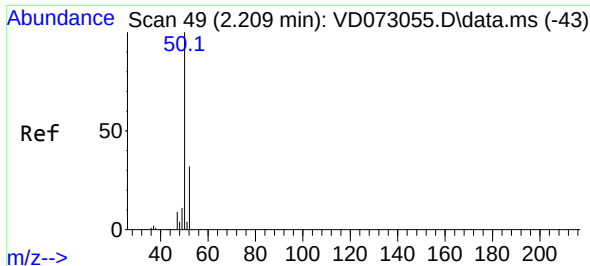
Reviewed By :John Carlone 05/19/2022
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#2
Dichlorodifluoromethane
Concen: 24.177 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

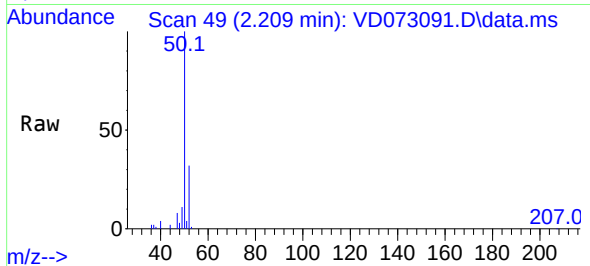
Tgt Ion: 85 Resp: 77293
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.0





#3
Chloromethane
Concen: 23.893 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

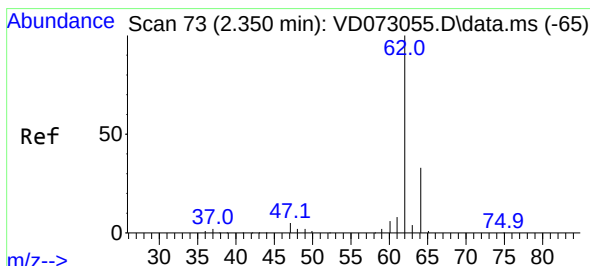
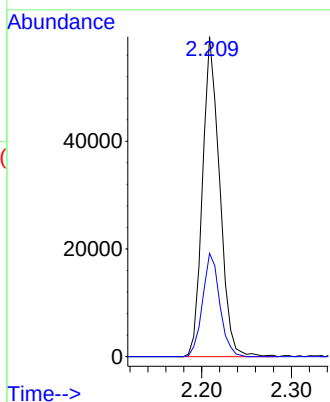
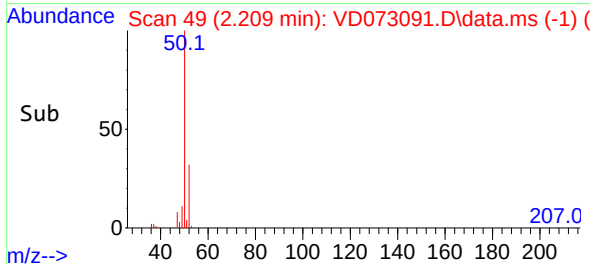
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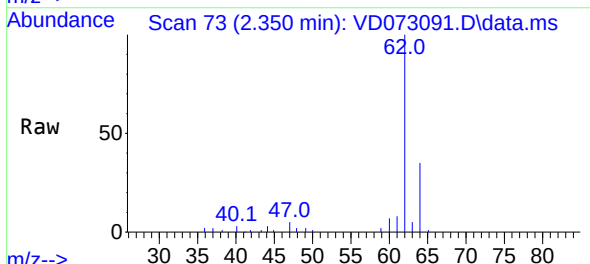
Tgt Ion: 50 Resp: 7874
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.0

Manual Integrations
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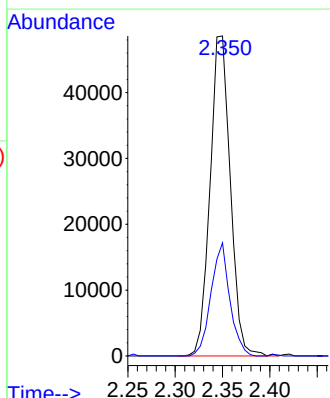
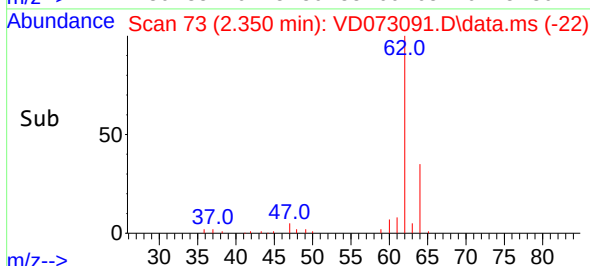
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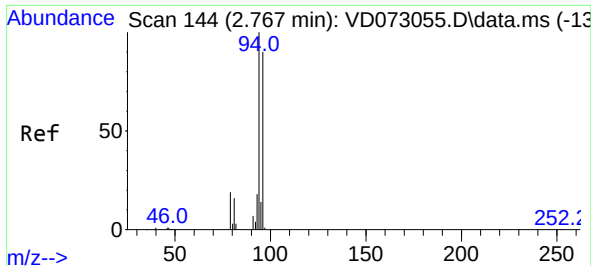


#4
Vinyl Chloride
Concen: 23.869 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



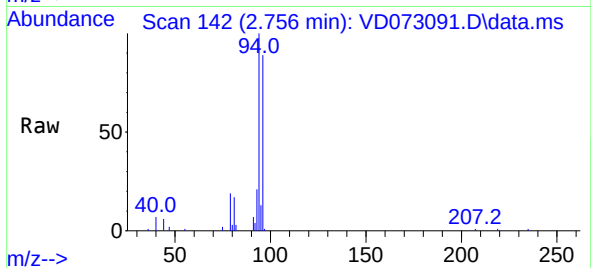
Tgt Ion: 62 Resp: 72349
Ion Ratio Lower Upper
62 100
64 35.4 25.4 38.0





#5
Bromomethane
Concen: 23.253 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

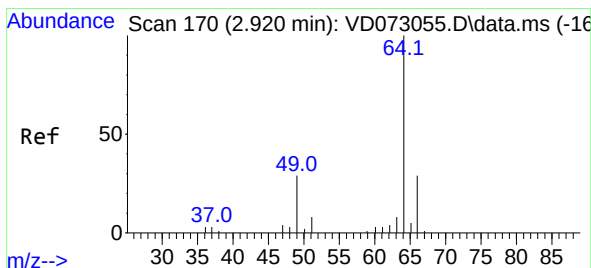
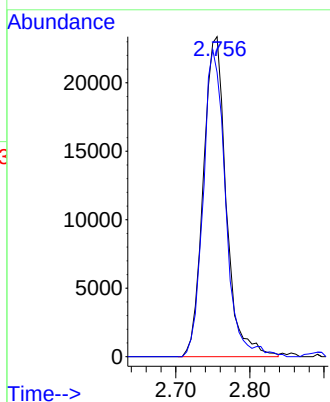
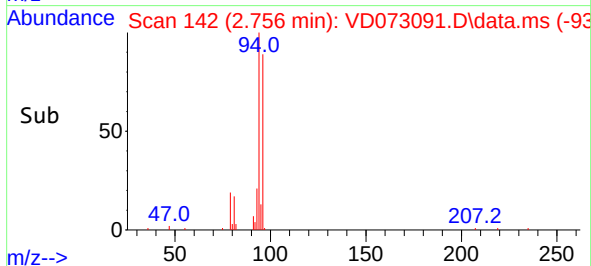
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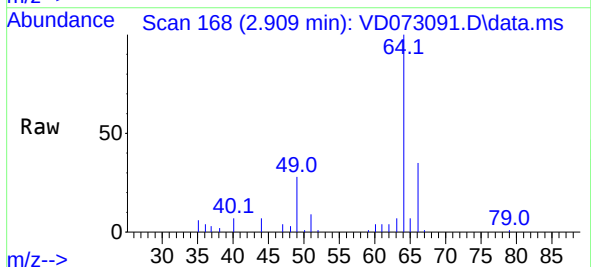
Tgt Ion: 94 Resp: 5006
Ion Ratio Lower Upper
94 100
96 88.9 77.6 116.4

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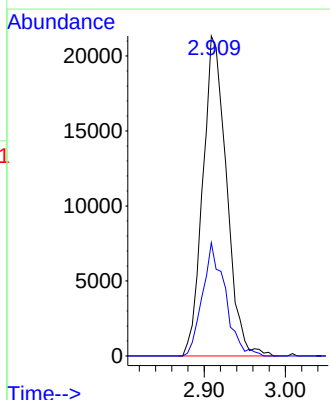
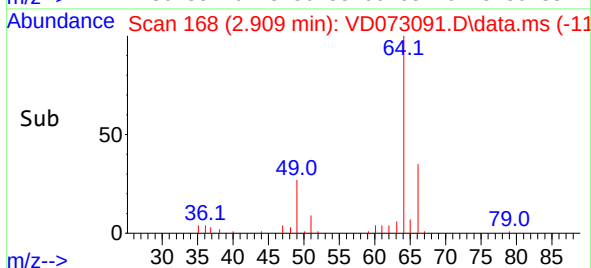
Reviewed By :John Carlone 05/19/2022
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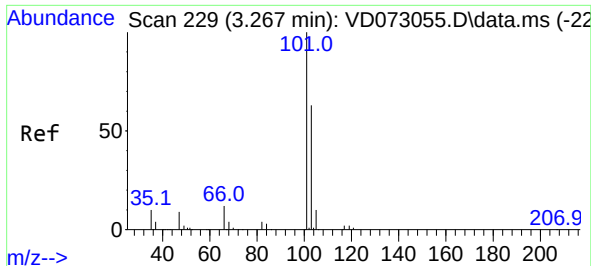


#6
Chloroethane
Concen: 22.904 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



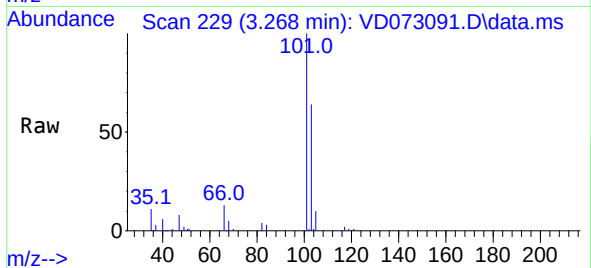
Tgt Ion: 64 Resp: 43232
Ion Ratio Lower Upper
64 100
66 35.3 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 23.534 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD073091.D
 Acq: 18 May 2022 11:28

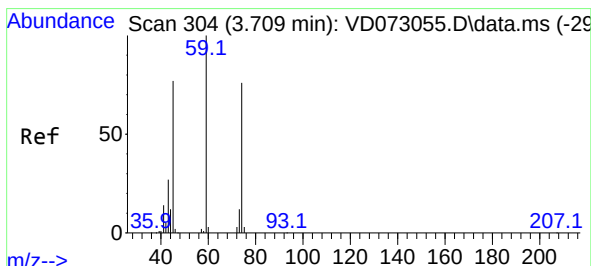
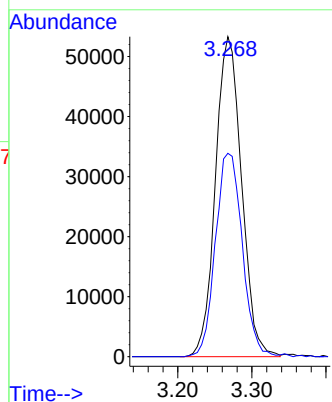
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01



Tgt Ion:101 Resp: 130540
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1

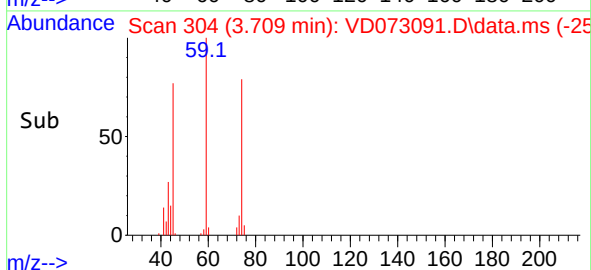
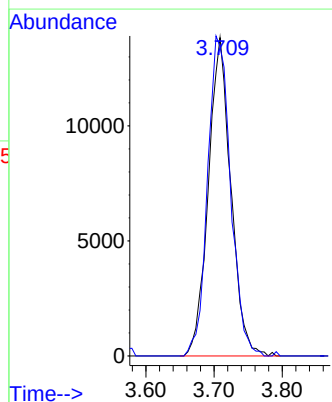
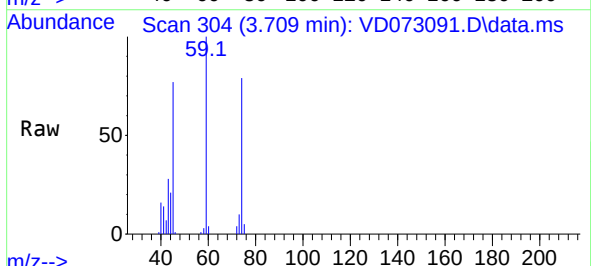
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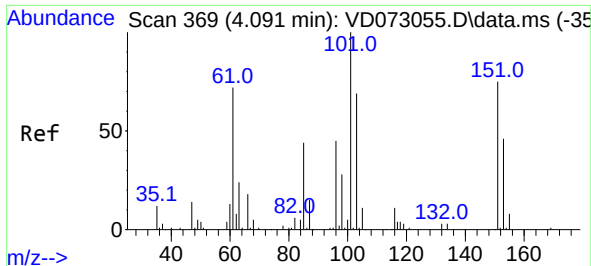
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022



#8
 Diethyl Ether
 Concen: 20.993 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073091.D
 Acq: 18 May 2022 11:28

Tgt Ion: 74 Resp: 31863
 Ion Ratio Lower Upper
 74 100
 45 102.6 52.6 157.8





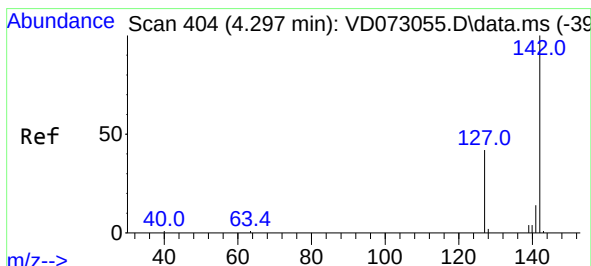
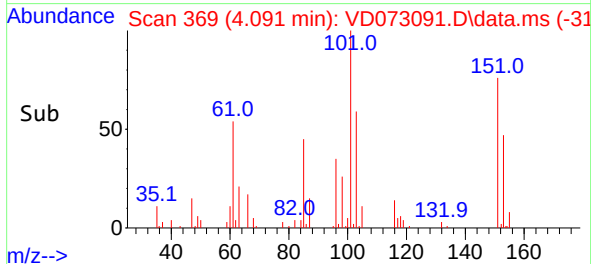
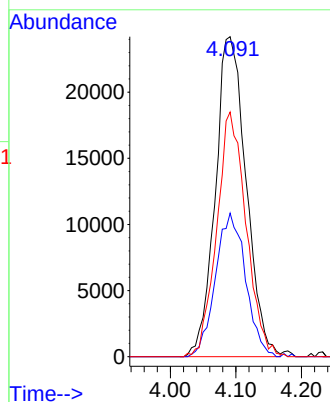
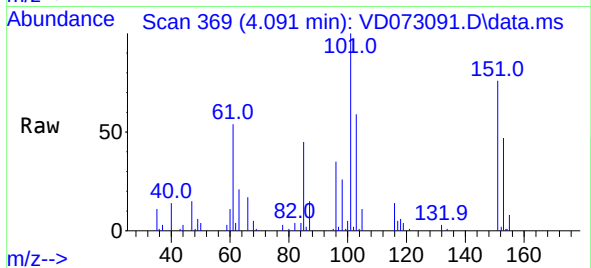
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.045 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion:101 Resp: 7898
Ion Ratio Lower Upper
101 100
85 43.7 36.4 54.6
151 72.9 57.3 85.9

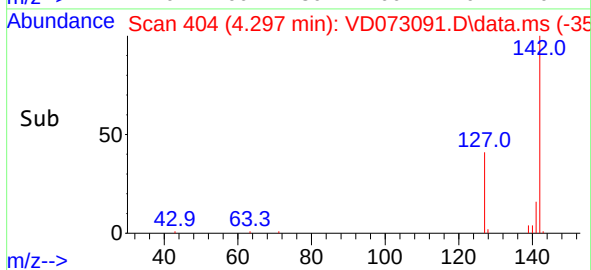
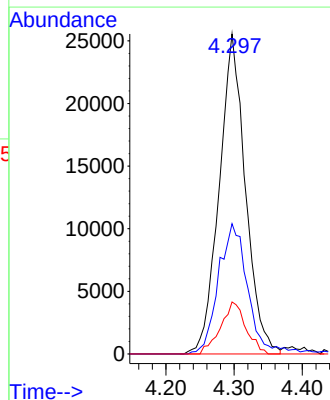
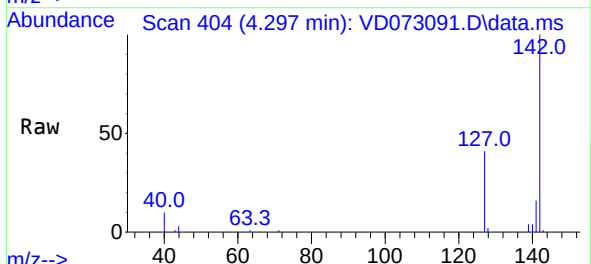
Manual Integrations
APPROVED

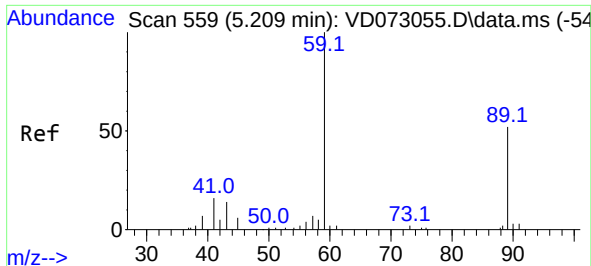
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 20.651 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

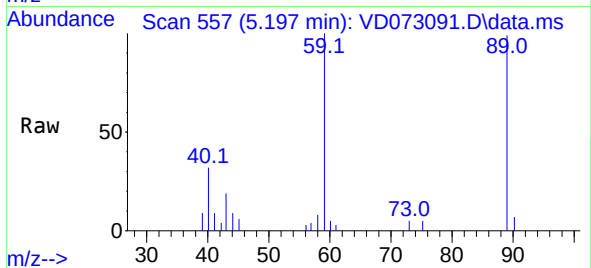
Tgt Ion:142 Resp: 68440
Ion Ratio Lower Upper
142 100
127 45.5 37.3 55.9
141 15.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 74.131 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

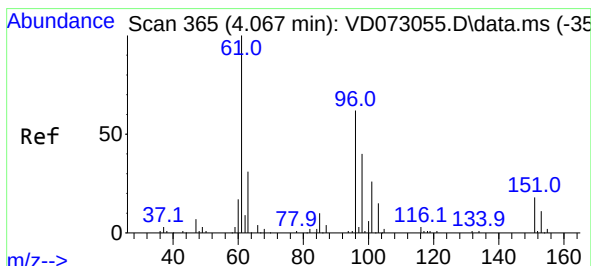
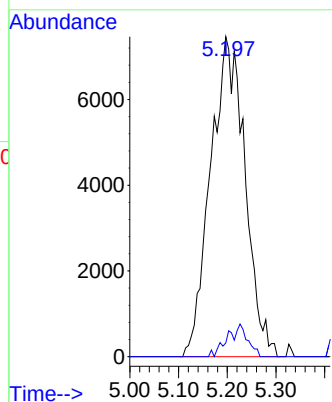
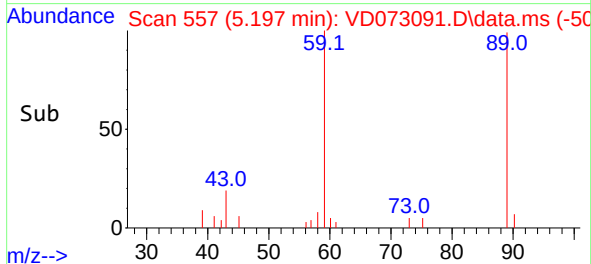
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



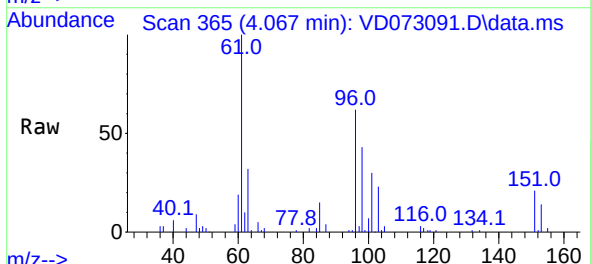
Tgt Ion: 59 Resp: 3666
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.6

Manual Integrations
APPROVED

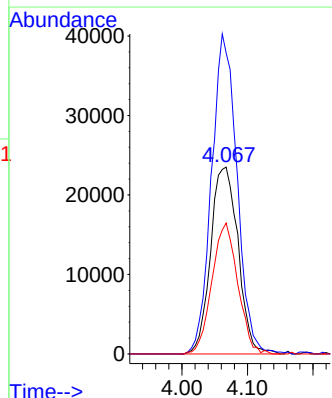
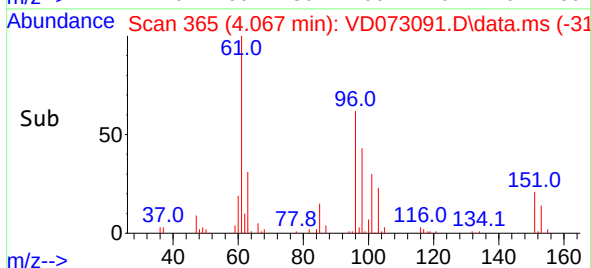
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

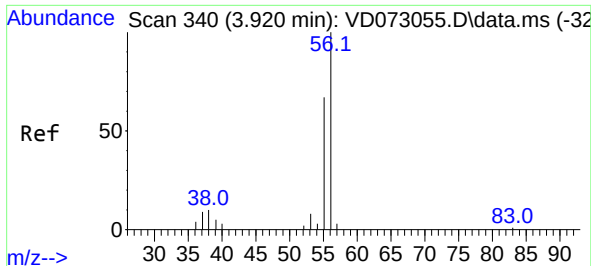


#12
1,1-Dichloroethene
Concen: 23.013 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



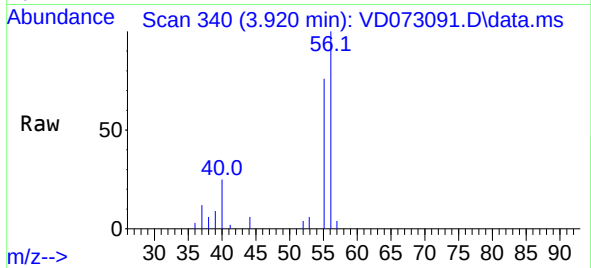
Tgt Ion: 96 Resp: 68356
Ion Ratio Lower Upper
96 100
61 161.1 138.5 207.7
98 70.0 48.6 73.0





#13
Acrolein
Concen: 111.550 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

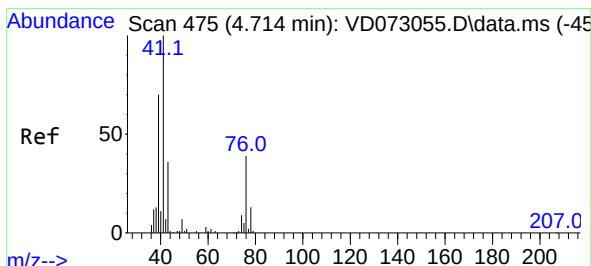
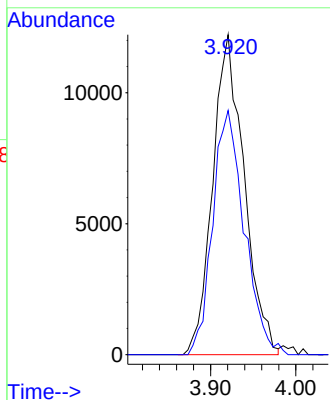
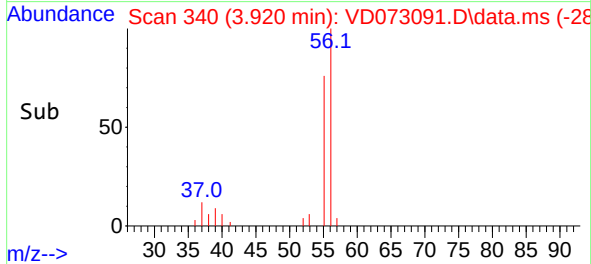
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



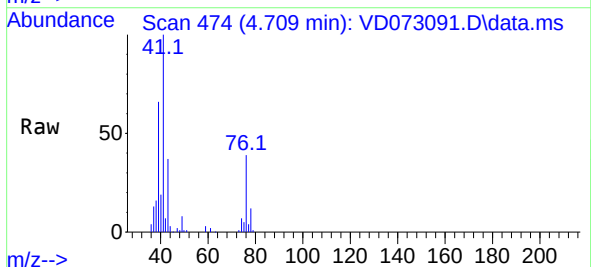
Tgt Ion: 56 Resp: 31368
Ion Ratio Lower Upper
56 100
55 76.6 57.1 85.7

Manual Integrations
APPROVED

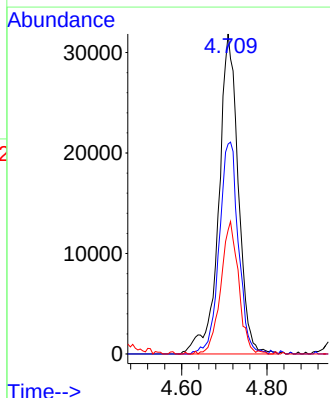
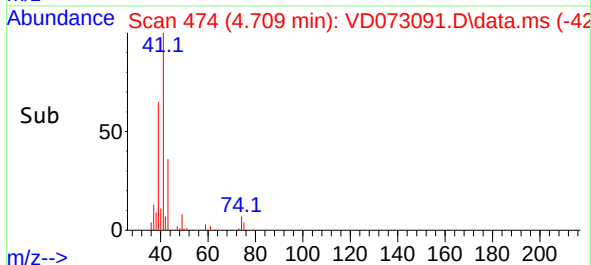
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

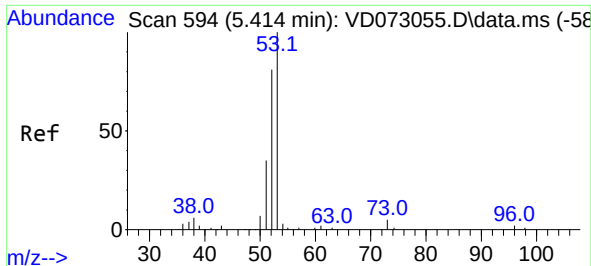


#14
Allyl chloride
Concen: 21.556 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



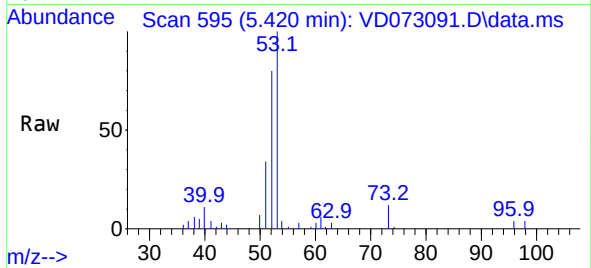
Tgt Ion: 41 Resp: 101444
Ion Ratio Lower Upper
41 100
39 65.2 59.3 88.9
76 37.8 25.7 38.5





#15
Acrylonitrile
Concen: 112.022 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

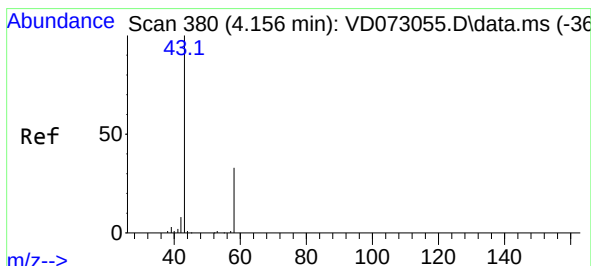
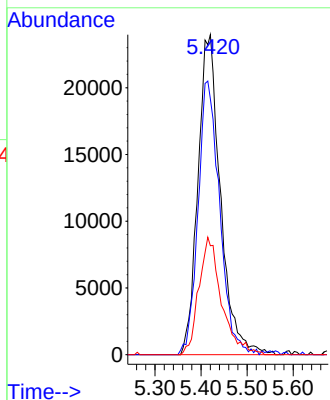
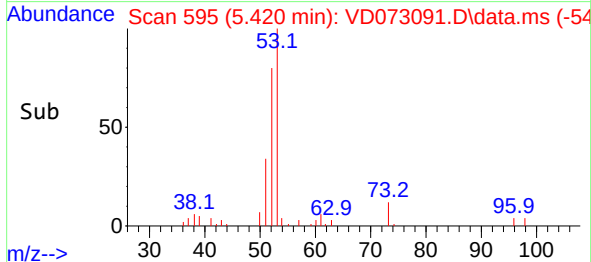
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 53 Resp: 8149
Ion Ratio Lower Upper
53 100
52 82.4 67.2 100.8
51 37.1 30.3 45.5

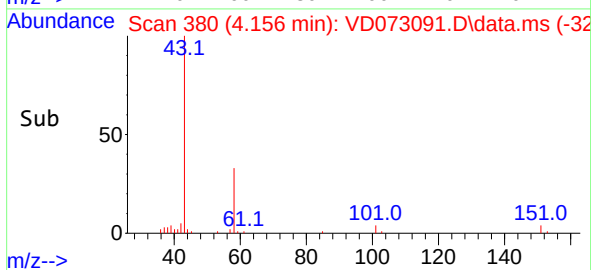
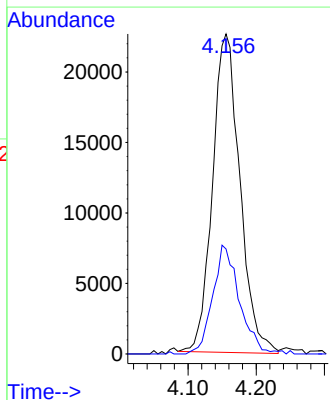
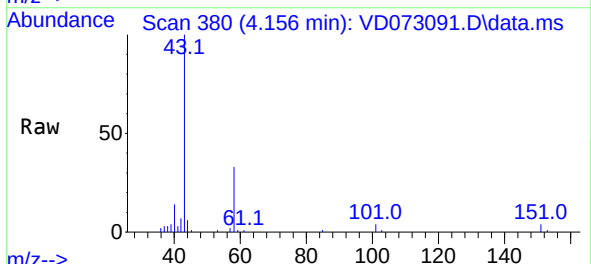
Manual Integrations
APPROVED

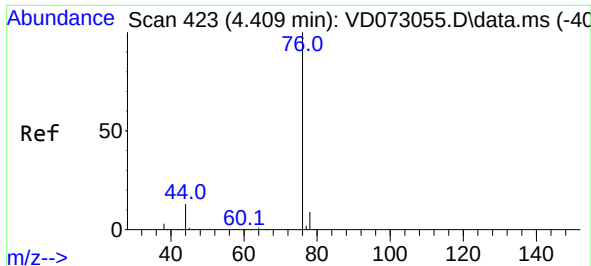
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#16
Acetone
Concen: 109.116 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

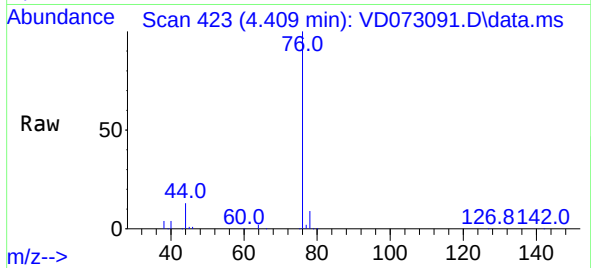
Tgt Ion: 43 Resp: 63134
Ion Ratio Lower Upper
43 100
58 33.1 22.1 33.1





#17
Carbon Disulfide
Concen: 23.070 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

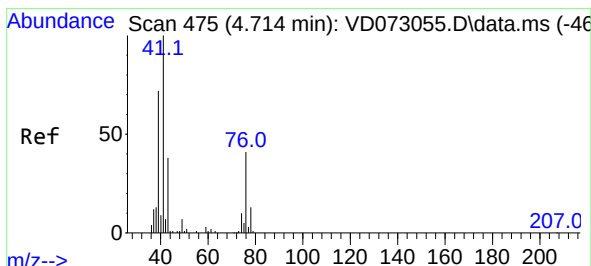
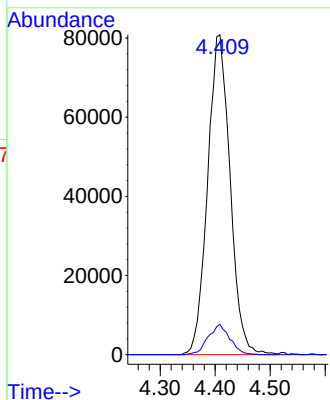
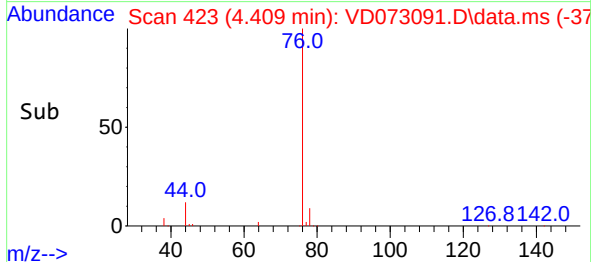
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 76 Resp: 229508
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

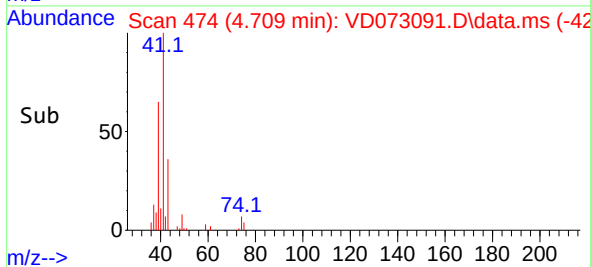
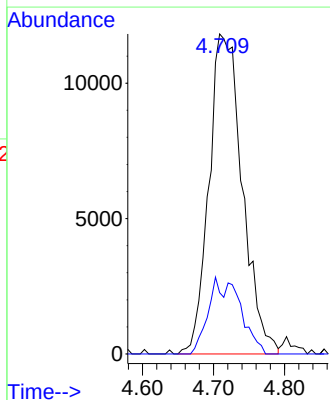
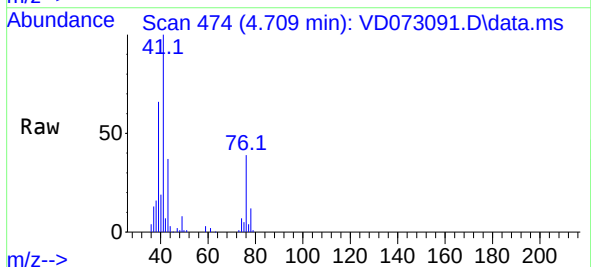
Manual Integrations
APPROVED

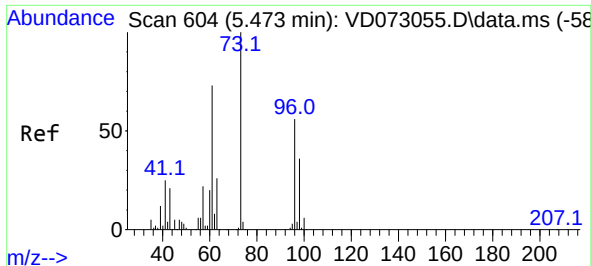
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#18
Methyl Acetate
Concen: 22.889 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

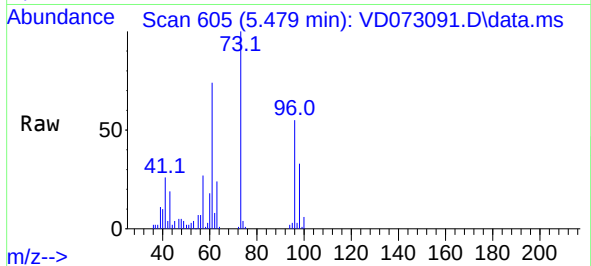
Tgt Ion: 43 Resp: 38566
Ion Ratio Lower Upper
43 100
74 11.2 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 22.046 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

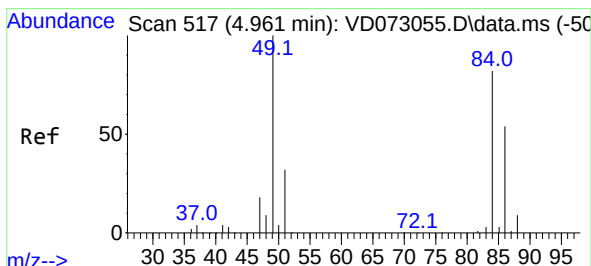
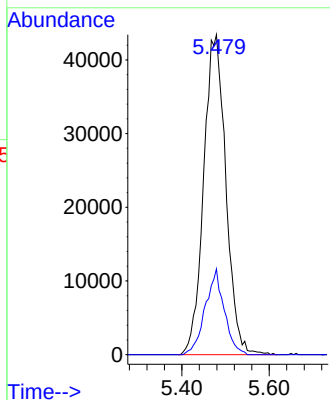
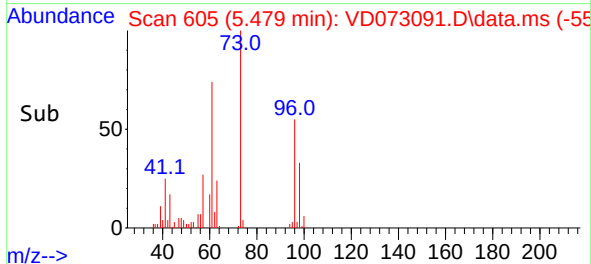
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 73 Resp: 15314
Ion Ratio Lower Upper
73 100
57 26.8 18.0 27.0

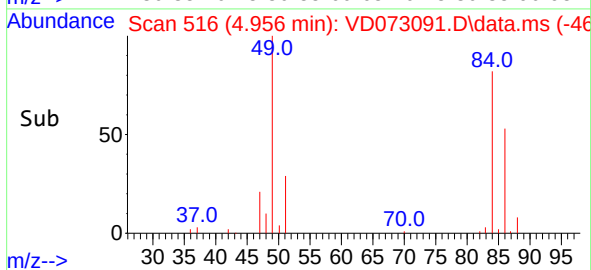
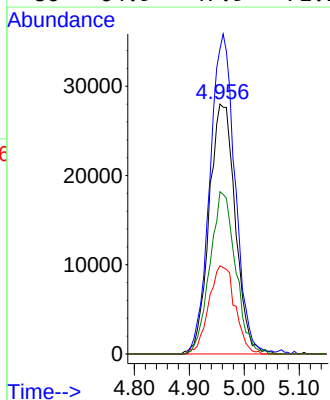
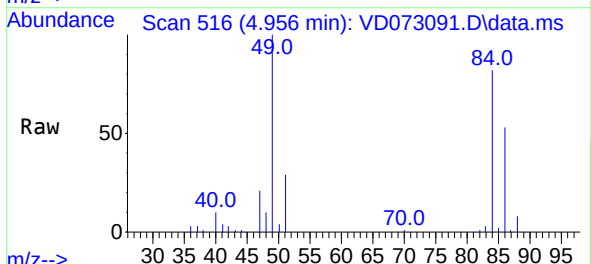
Manual Integrations
APPROVED

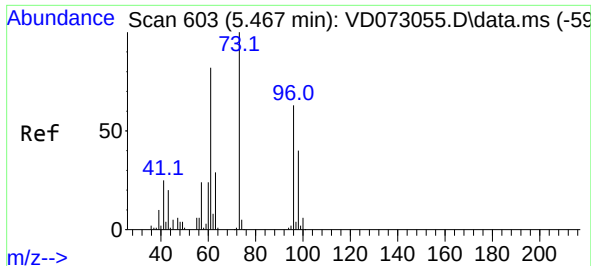
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#20
Methylene Chloride
Concen: 21.995 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

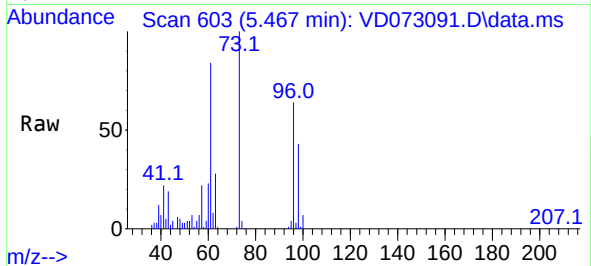
Tgt Ion: 84 Resp: 92365
Ion Ratio Lower Upper
84 100
49 122.1 112.8 169.2
51 35.3 32.6 48.8
86 64.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 23.200 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

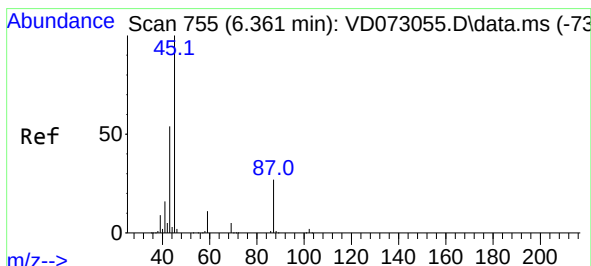
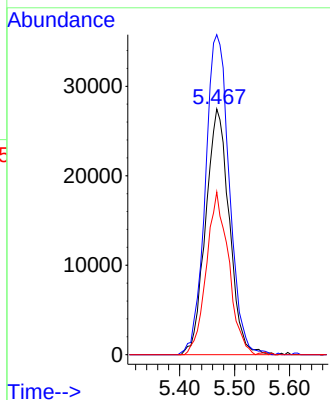
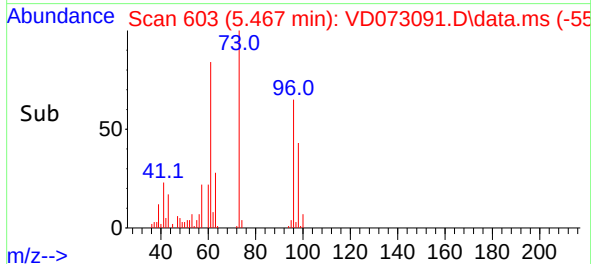
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



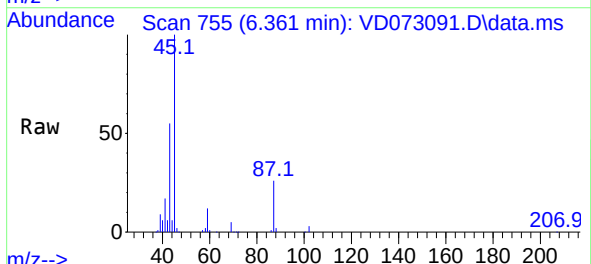
Tgt Ion: 96 Resp: 81972
Ion Ratio Lower Upper
96 100
61 130.2 117.9 176.9
98 66.2 49.4 74.2

Manual Integrations
APPROVED

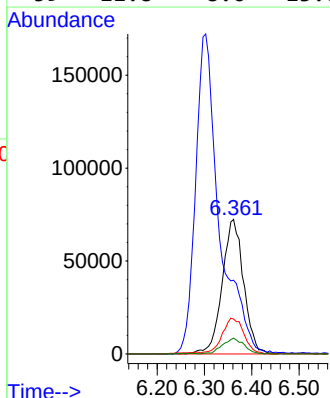
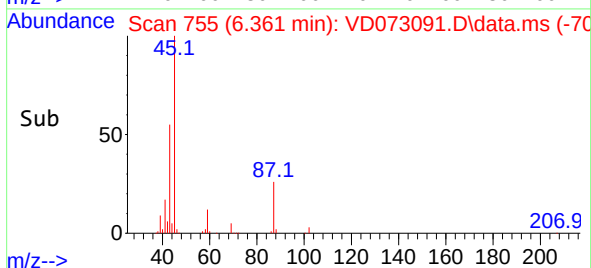
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

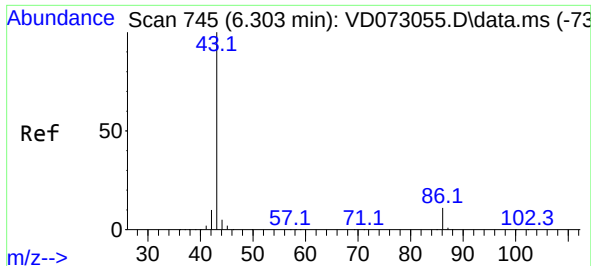


#22
Diisopropyl ether
Concen: 22.545 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



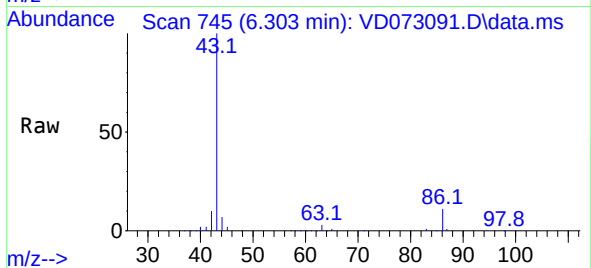
Tgt Ion: 45 Resp: 227728
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 25.9 18.4 27.6
59 11.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 110.658 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073091.D
 Acq: 18 May 2022 11:28

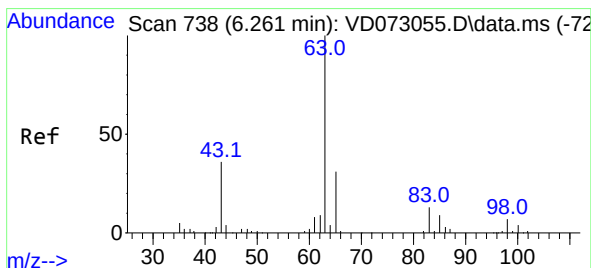
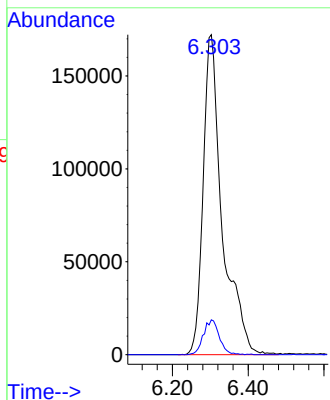
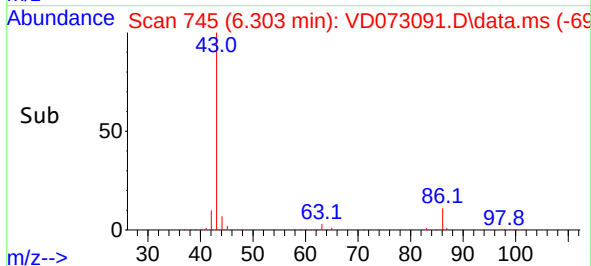
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01



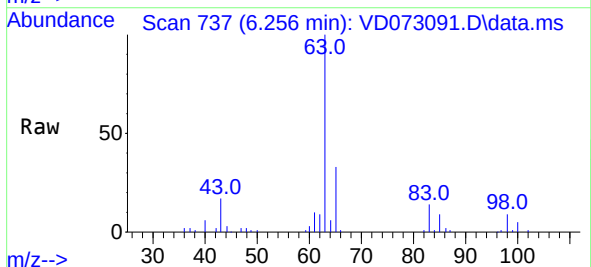
Tgt Ion: 43 Resp: 603849
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
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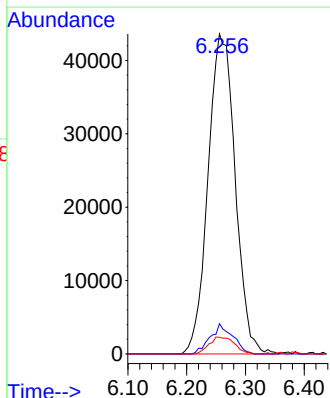
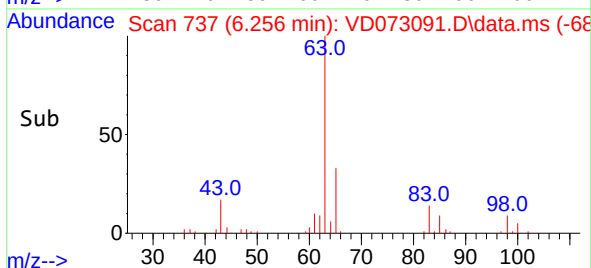
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022

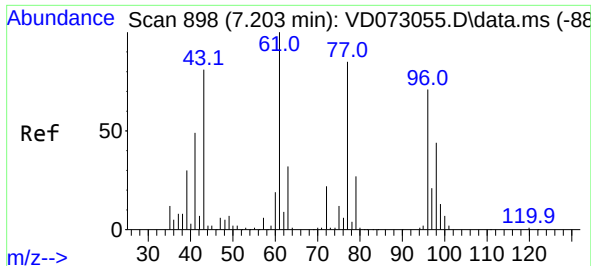


#24
 1,1-Dichloroethane
 Concen: 22.272 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073091.D
 Acq: 18 May 2022 11:28



Tgt Ion: 63 Resp: 139963
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.9
 100 5.2 2.1 6.5





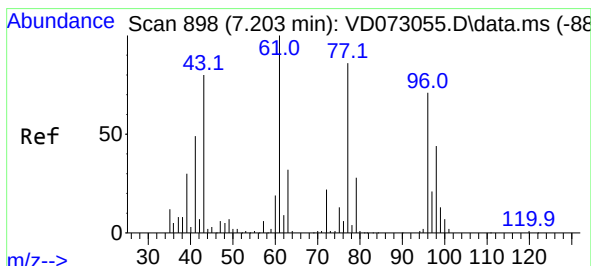
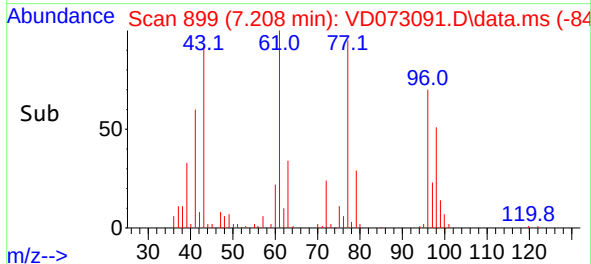
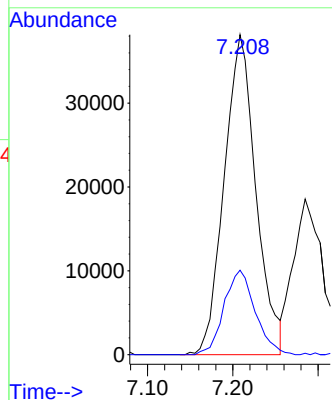
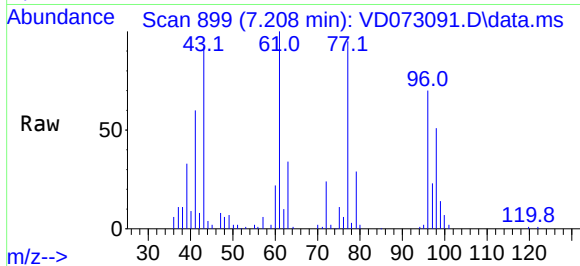
#25
2-Butanone
Concen: 112.545 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 43 Resp: 98600
Ion Ratio Lower Upper
43 100
72 26.4 18.6 27.8

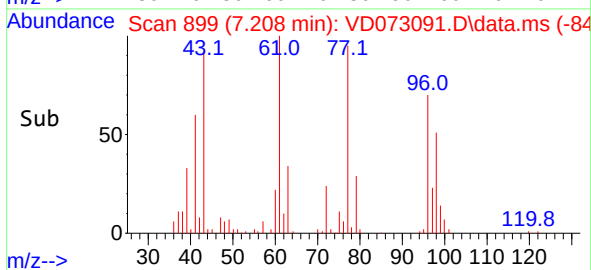
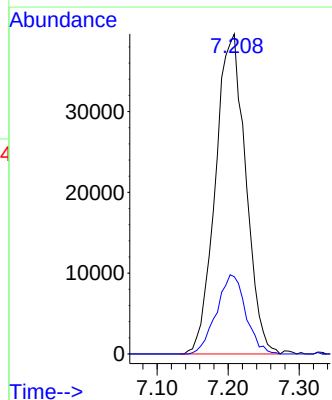
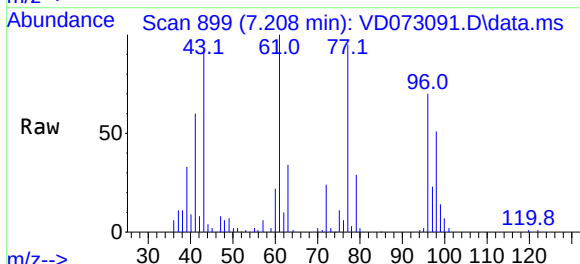
Manual Integrations
APPROVED

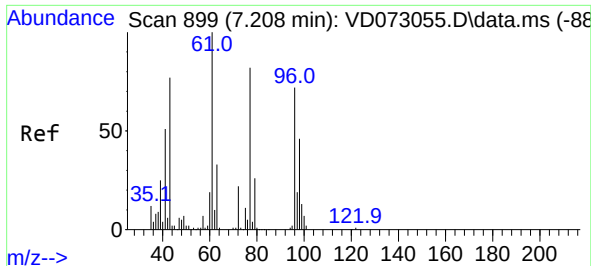
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#26
2,2-Dichloropropane
Concen: 21.999 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion: 77 Resp: 117045
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.4





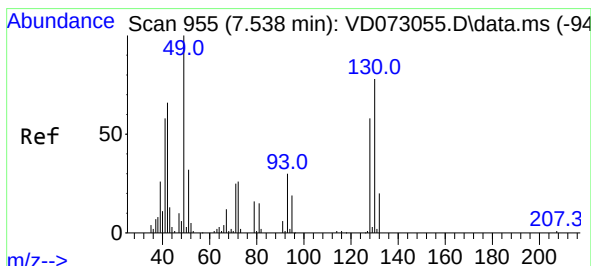
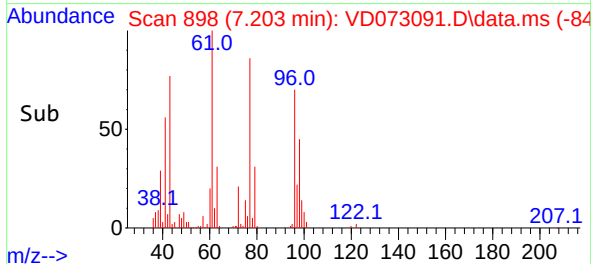
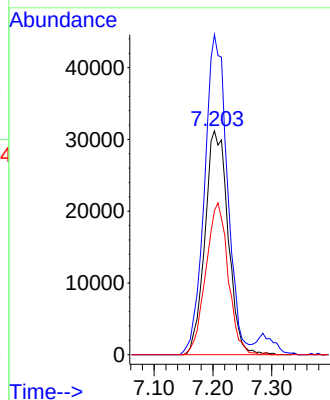
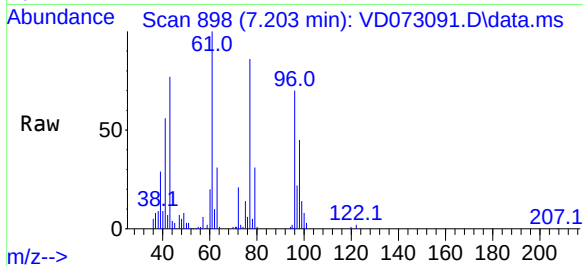
#27
cis-1,2-Dichloroethene
Concen: 21.920 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 96 Resp: 85410
Ion Ratio Lower Upper
96 100
61 140.5 0.0 313.8
98 65.5 0.0 128.8

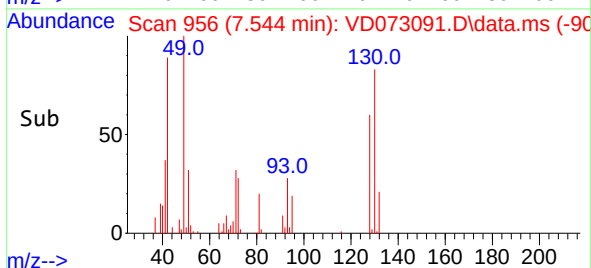
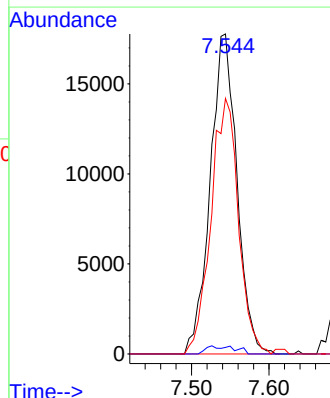
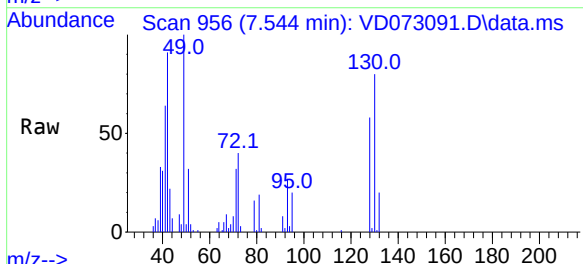
Manual Integrations
APPROVED

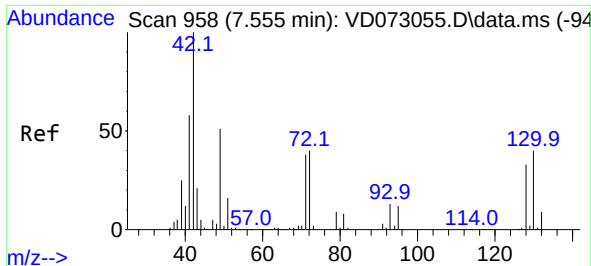
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 19.799 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion: 49 Resp: 42621
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 81.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 113.368 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion: 42 Resp: 63914

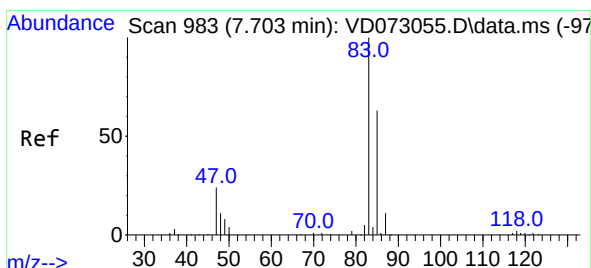
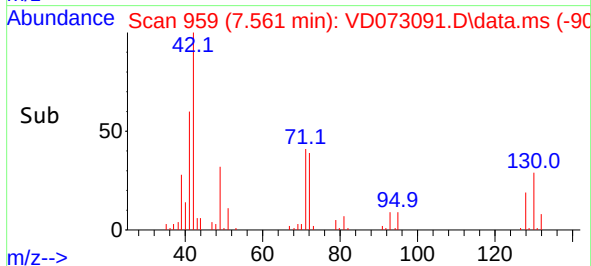
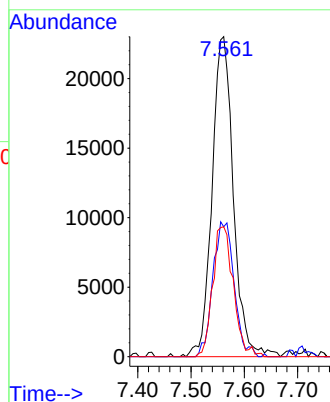
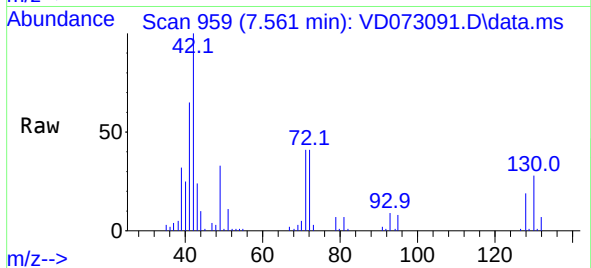
Ion	Ratio	Lower	Upper
42	100		
72	42.2	30.7	46.1
71	39.5	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#30

Chloroform

Concen: 22.579 ug/l

RT: 7.703 min Scan# 983

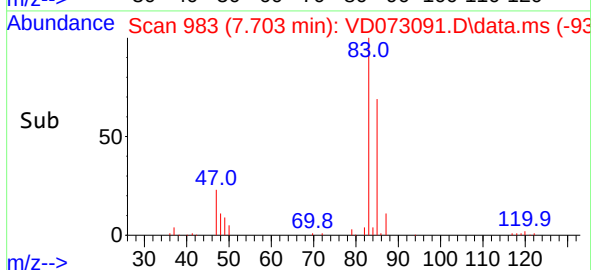
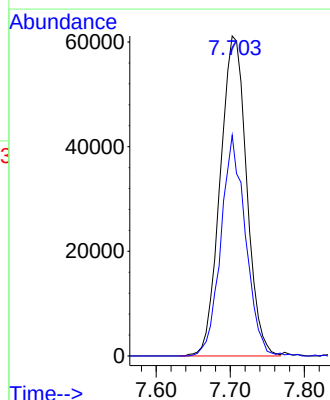
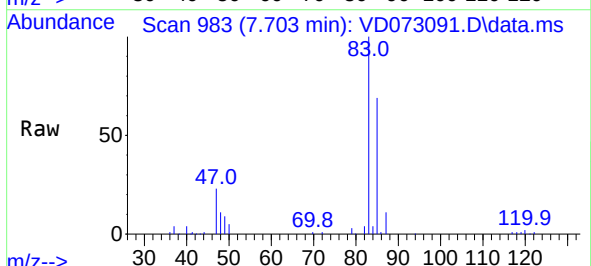
Delta R.T. 0.000 min

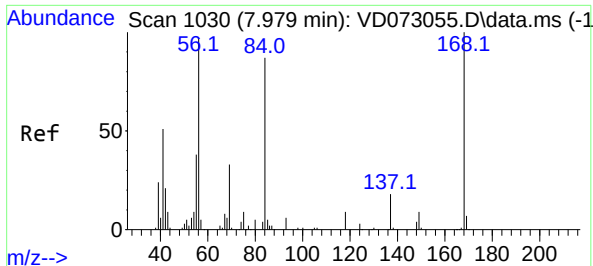
Lab File: VD073091.D

Acq: 18 May 2022 11:28

Tgt Ion: 83 Resp: 151823

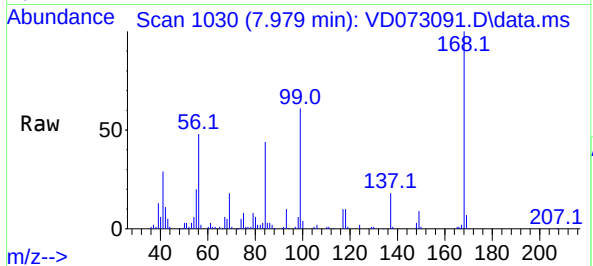
Ion	Ratio	Lower	Upper
83	100		
85	68.9	52.7	79.1





#31
Cyclohexane
Concen: 22.465 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

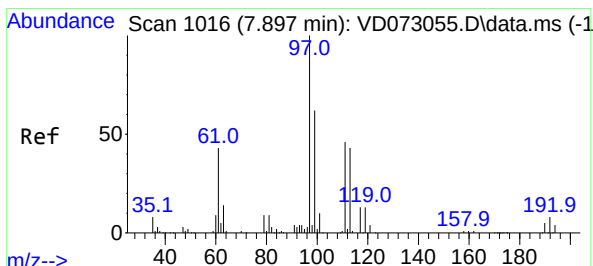
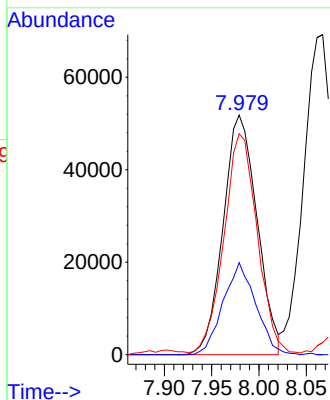
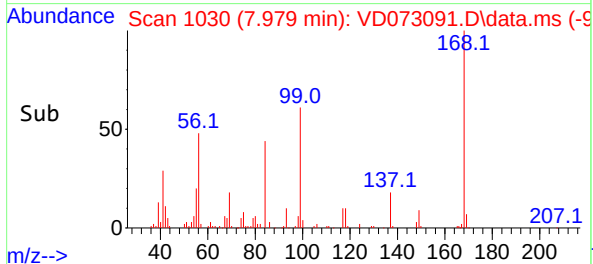
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



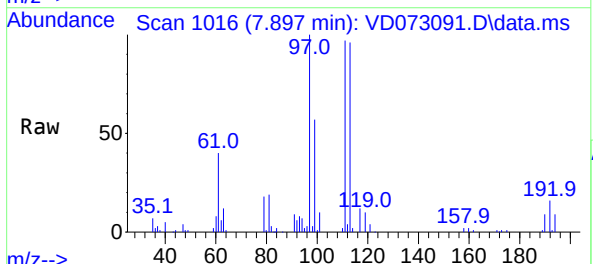
Tgt Ion: 56 Resp: 12938
Ion Ratio Lower Upper
56 100
69 38.4 25.4 38.2
84 91.0 63.0 94.4

Manual Integrations
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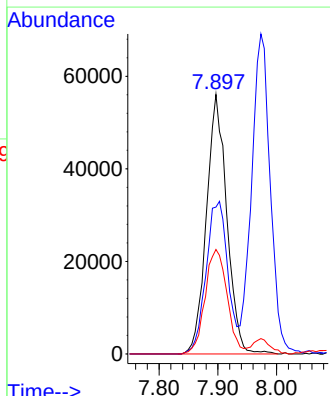
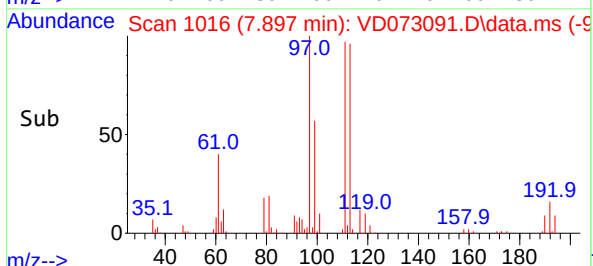
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

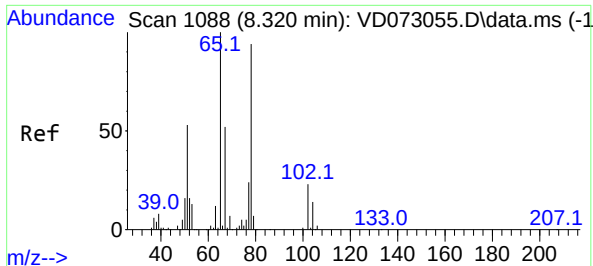


#32
1,1,1-Trichloroethane
Concen: 23.446 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



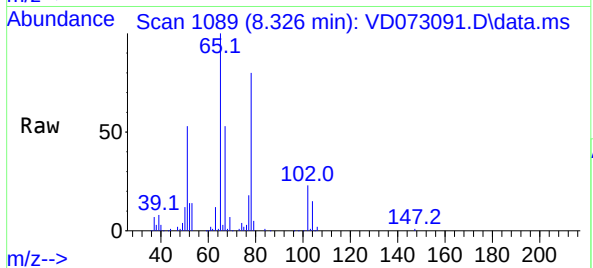
Tgt Ion: 97 Resp: 135061
Ion Ratio Lower Upper
97 100
99 62.3 52.4 78.6
61 43.4 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 56.418 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

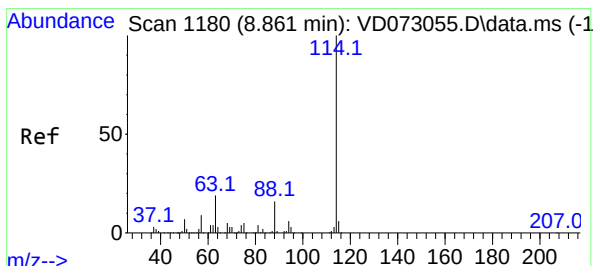
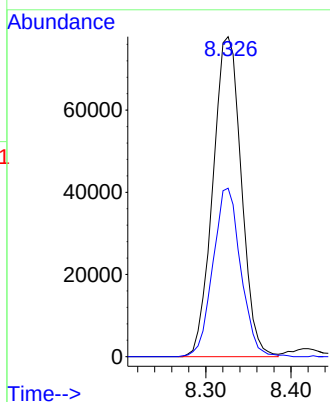
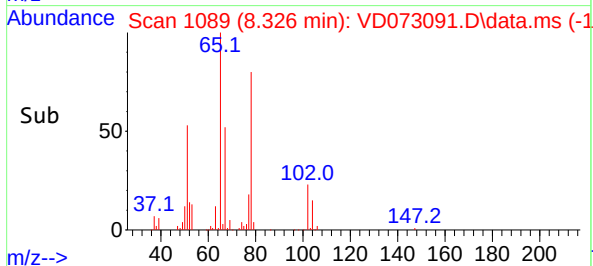
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



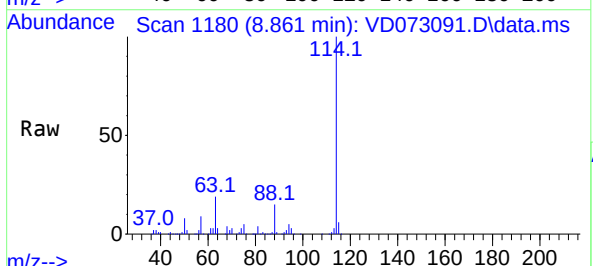
Tgt Ion: 65 Resp: 180385
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4

Manual Integrations
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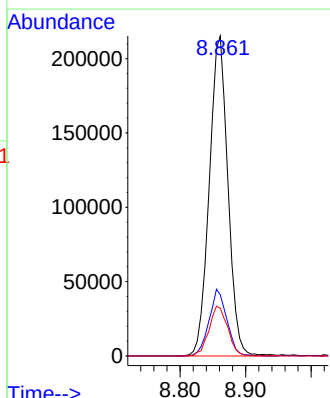
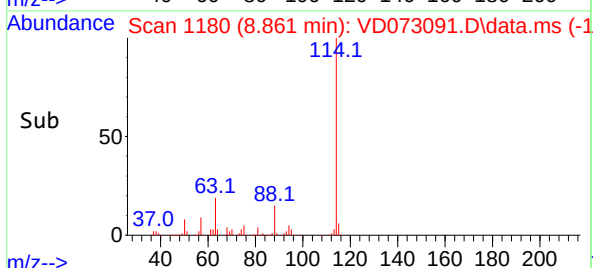
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

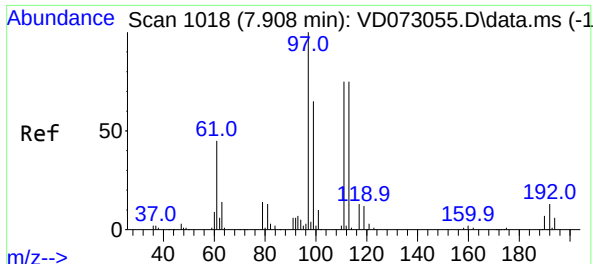


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



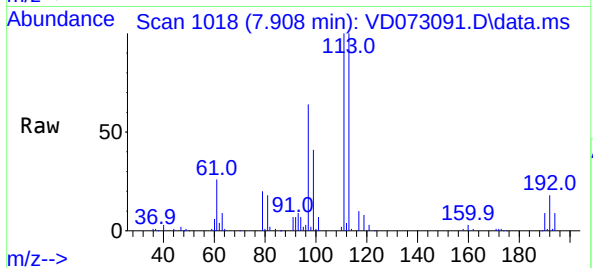
Tgt Ion:114 Resp: 423976
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 14.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 57.756 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

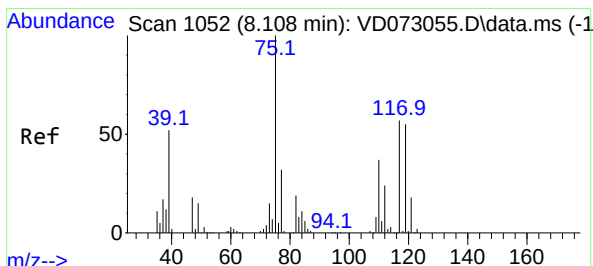
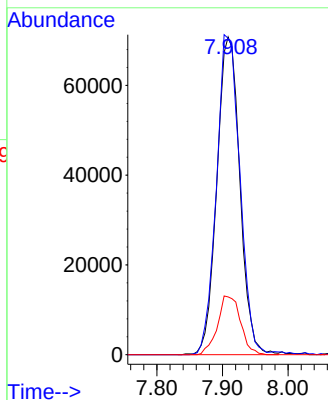
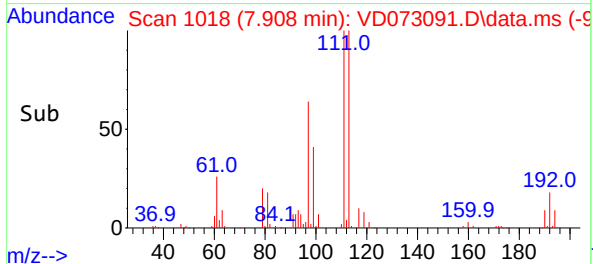
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 113 Resp: 17192
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.5 14.6 21.8

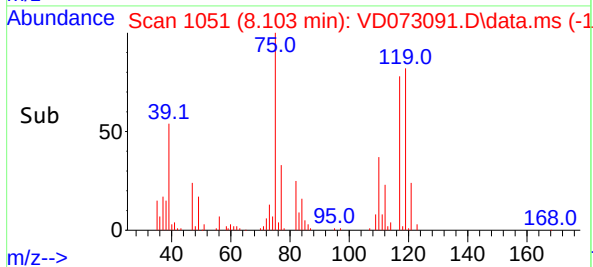
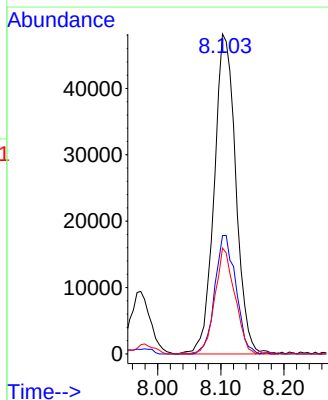
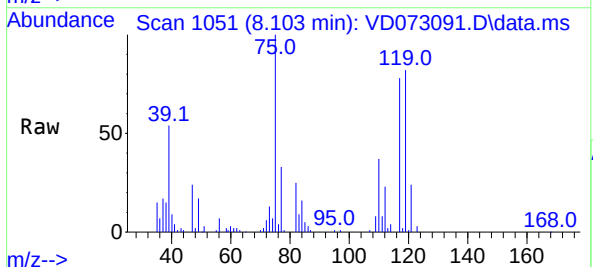
Manual Integrations
APPROVED

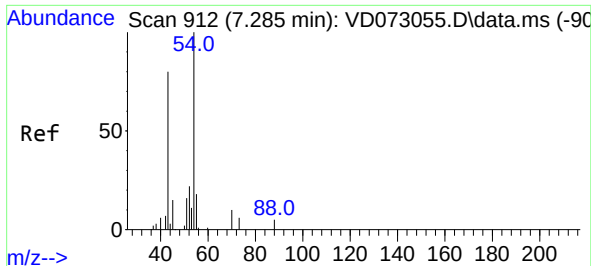
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#36
1,1-Dichloropropene
Concen: 23.615 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

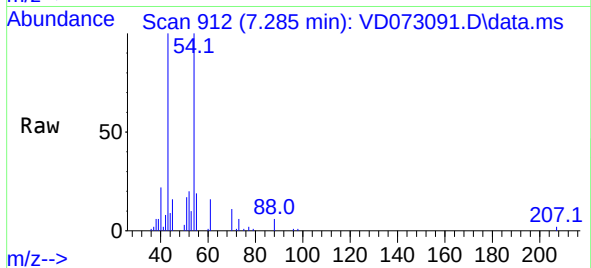
Tgt Ion: 75 Resp: 114540
Ion Ratio Lower Upper
75 100
110 36.0 16.4 49.1
77 30.5 24.2 36.2





#37
Ethyl Acetate
Concen: 22.512 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

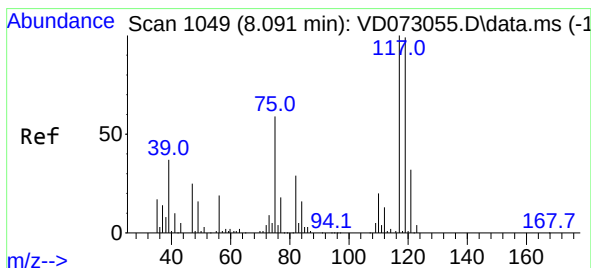
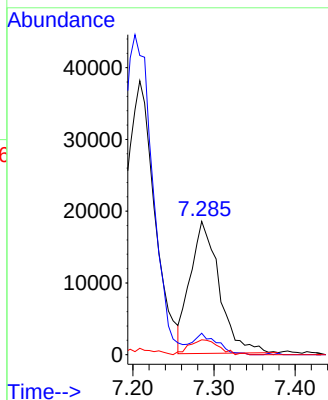
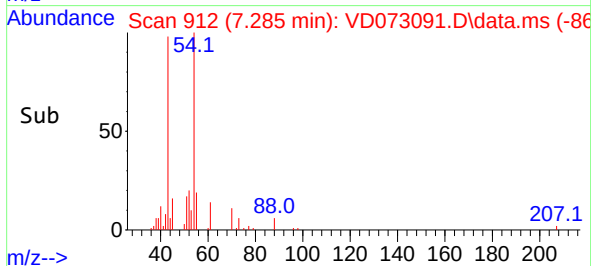
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



Tgt Ion: 43 Resp: 4585
Ion Ratio Lower Upper
43 100
61 14.0 9.8 14.8
70 11.5 6.9 10.3

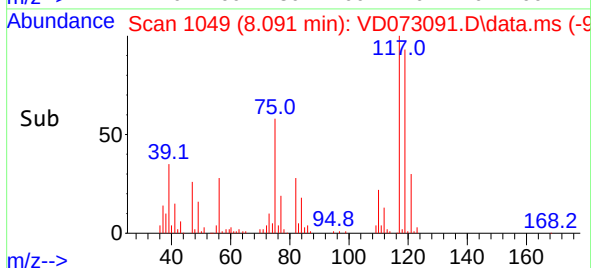
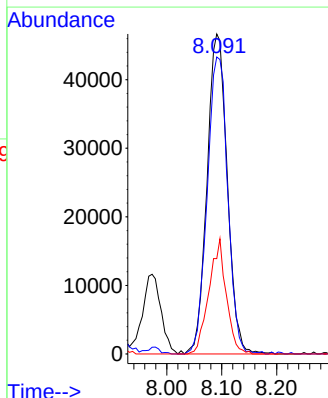
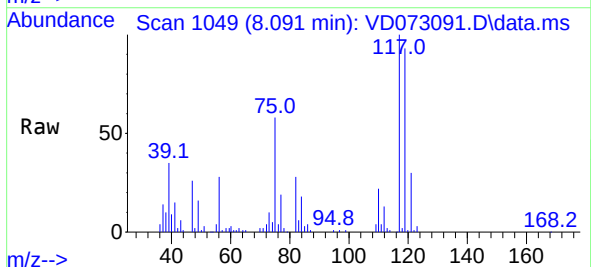
Manual Integrations
APPROVED

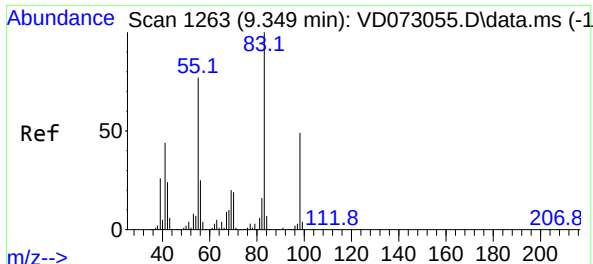
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 24.097 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion:117 Resp: 119580
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.6
121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 22.821 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD073091.D

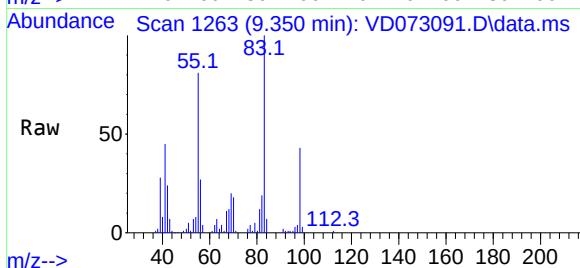
Acq: 18 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01



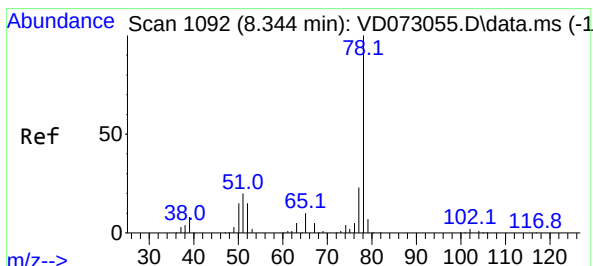
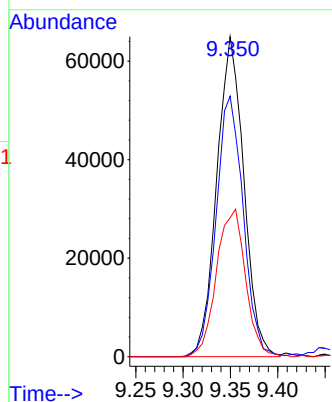
Tgt Ion:	83	Resp:	12907
Ion	Ratio	Lower	Upper
83	100		
55	81.4	63.2	94.8
98	43.4	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 23.080 ug/l

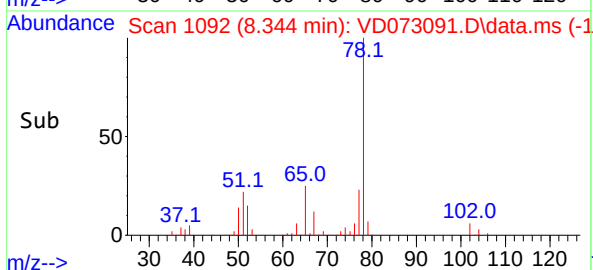
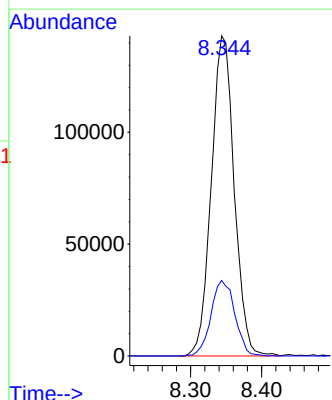
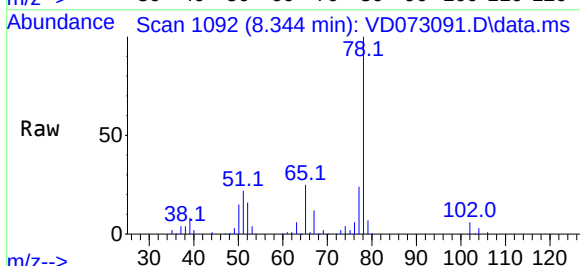
RT: 8.344 min Scan# 1092

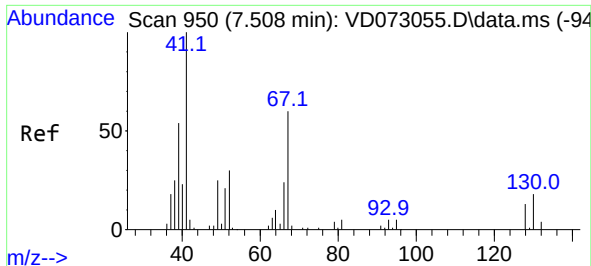
Delta R.T. 0.000 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

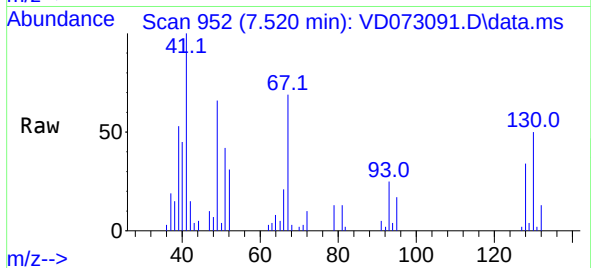
Tgt Ion:	78	Resp:	320100
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41
Methacrylonitrile
Concen: 21.559 ug/l
RT: 7.520 min Scan# 911
Delta R.T. 0.012 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

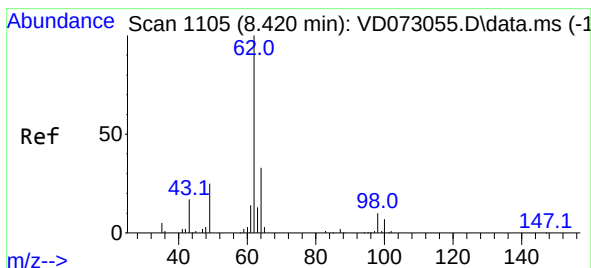
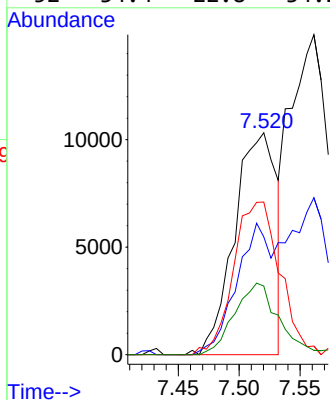
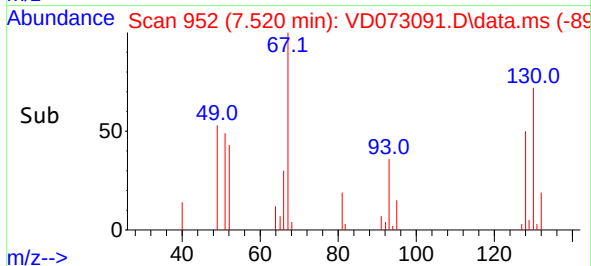
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



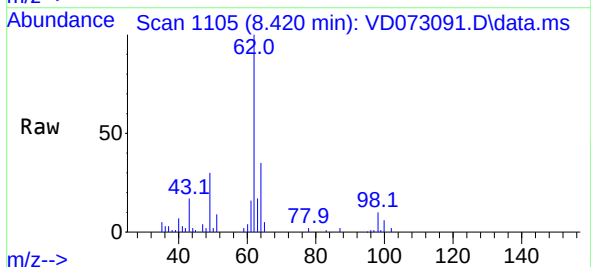
Tgt Ion: 41 Resp: 24764
Ion Ratio Lower Upper
41 100
39 47.3 44.6 67.0
67 76.5 48.2 72.4
52 34.4 22.8 34.2

Manual Integrations
APPROVED

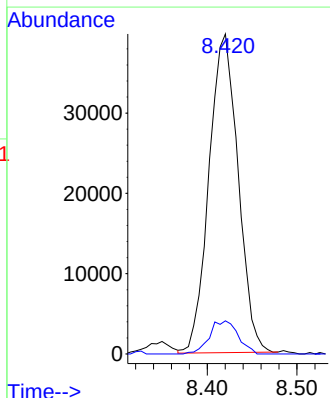
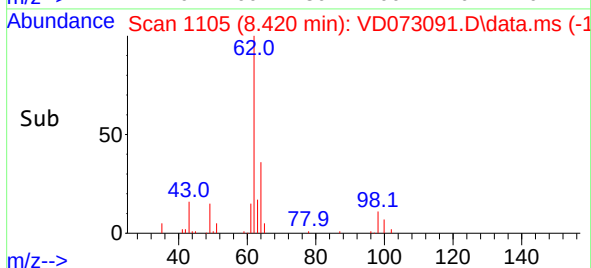
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

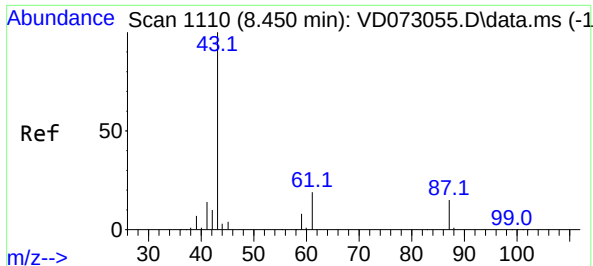


#42
1,2-Dichloroethane
Concen: 22.167 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



Tgt Ion: 62 Resp: 89487
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 22.358 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion: 43 Resp: 8467

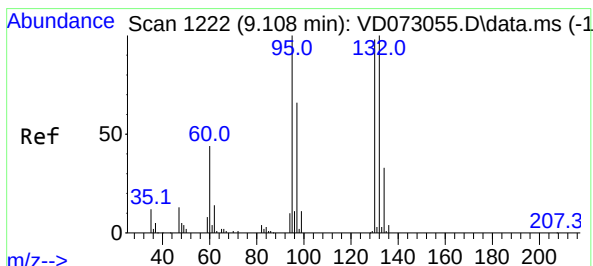
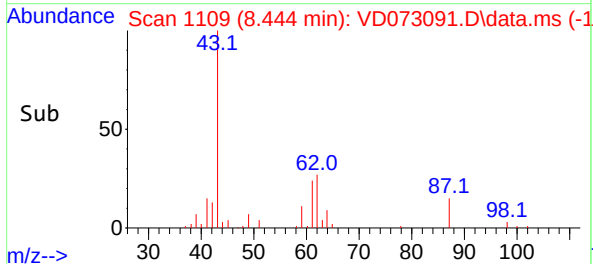
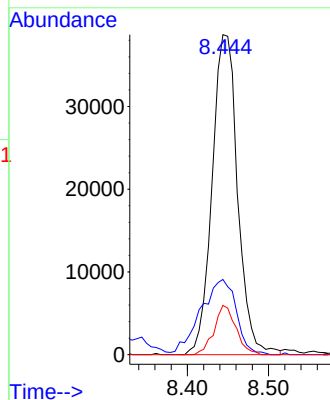
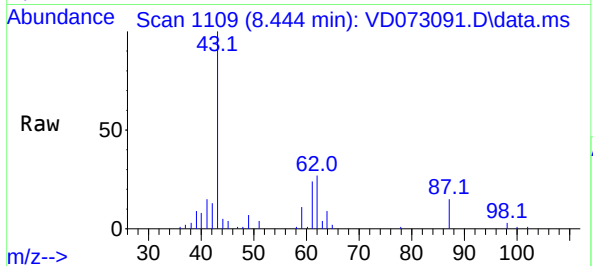
Ion	Ratio	Lower	Upper
43	100		
61	32.9	22.4	33.6
87	13.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#44

Trichloroethene

Concen: 22.718 ug/l

RT: 9.108 min Scan# 1222

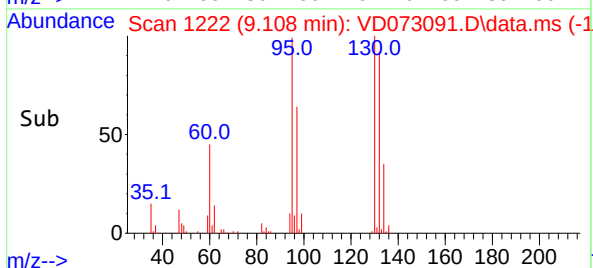
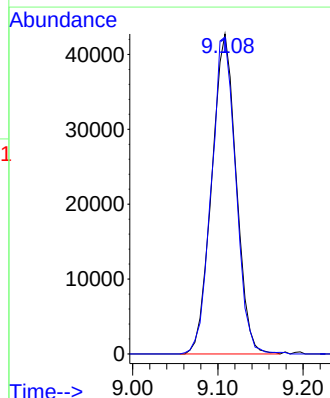
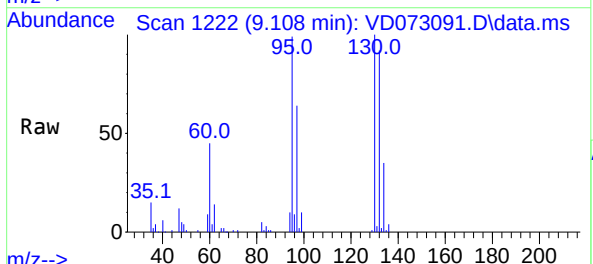
Delta R.T. 0.000 min

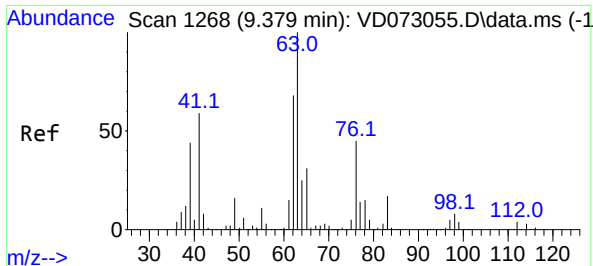
Lab File: VD073091.D

Acq: 18 May 2022 11:28

Tgt Ion:130 Resp: 85224

Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	205.4





#45

1,2-Dichloropropane

Concen: 22.861 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion: 63 Resp: 82330

Ion Ratio Lower Upper

63 100

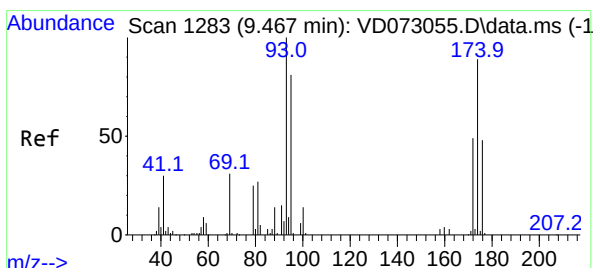
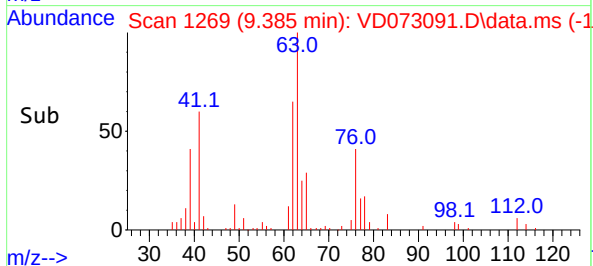
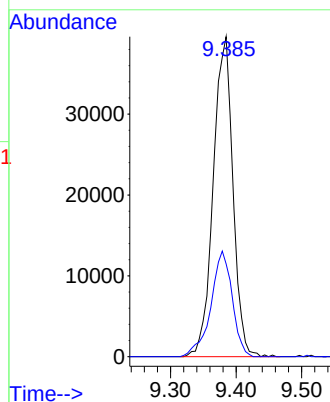
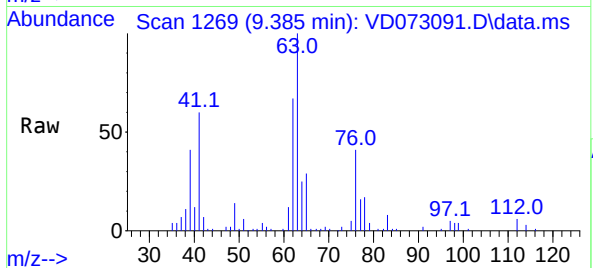
65 29.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 22.473 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

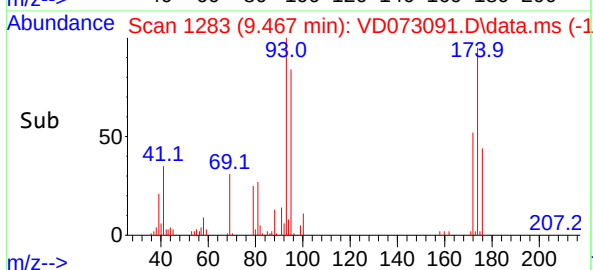
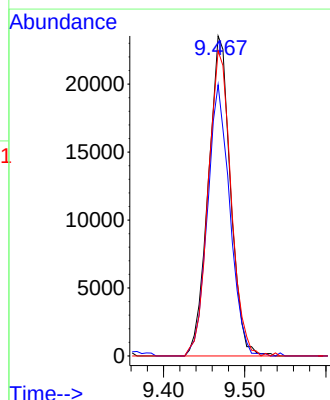
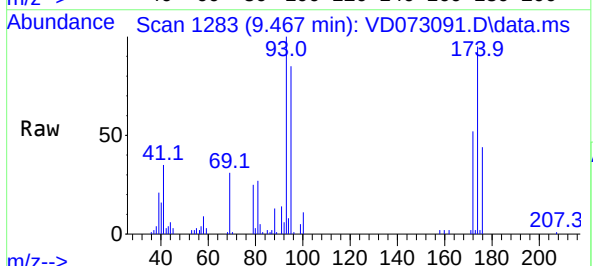
Tgt Ion: 93 Resp: 44755

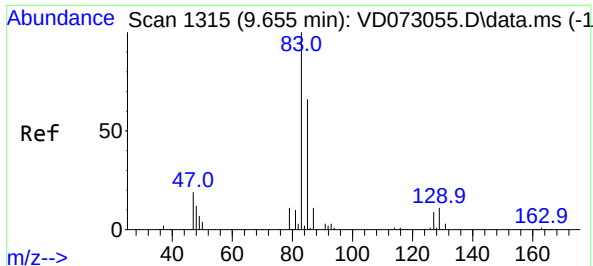
Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 97.8 71.6 107.4





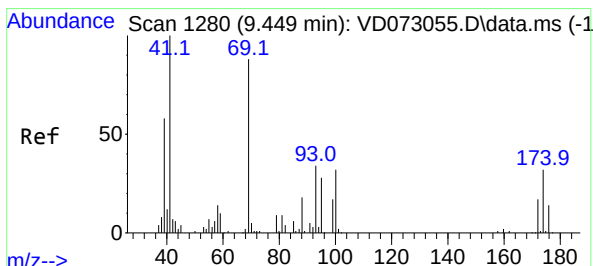
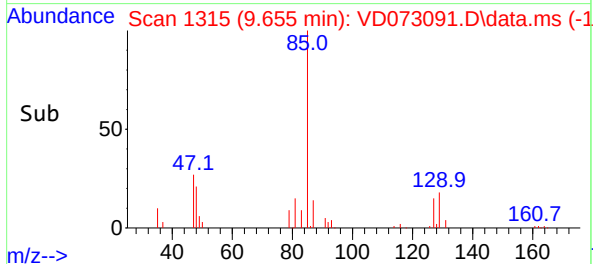
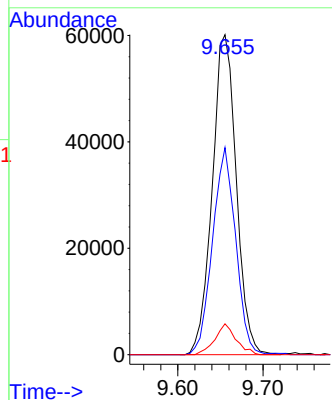
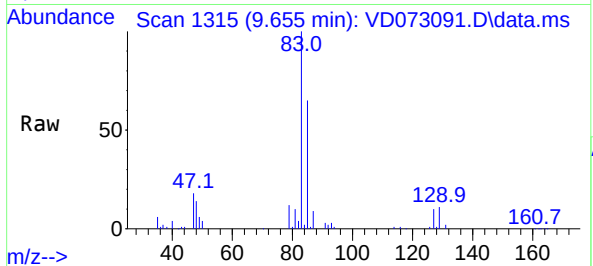
#47
Bromodichloromethane
Concen: 23.344 ug/l
RT: 9.655 min Scan# 118079
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 83 Resp: 118079
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0
127 9.7 6.1 9.1

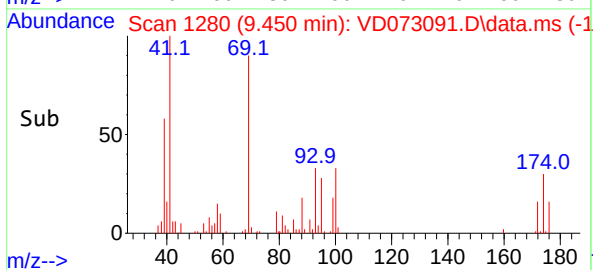
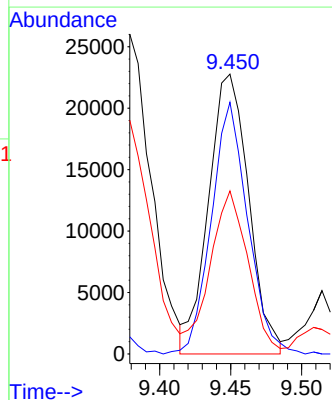
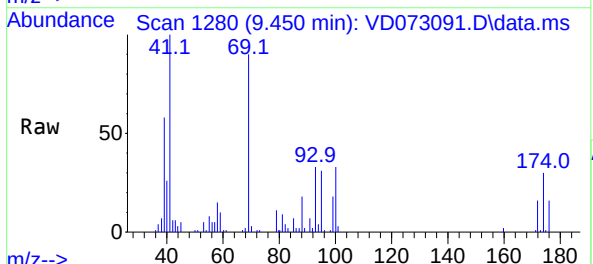
Manual Integrations
APPROVED

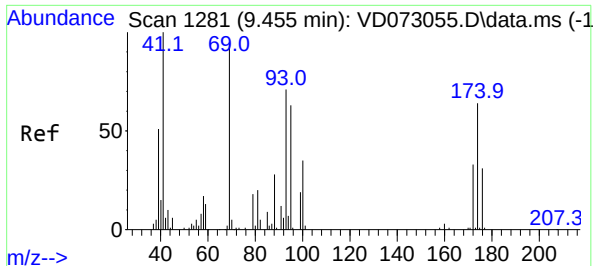
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#48
Methyl methacrylate
Concen: 23.848 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion: 41 Resp: 44800
Ion Ratio Lower Upper
41 100
69 81.8 56.7 85.1
39 55.5 42.7 64.1





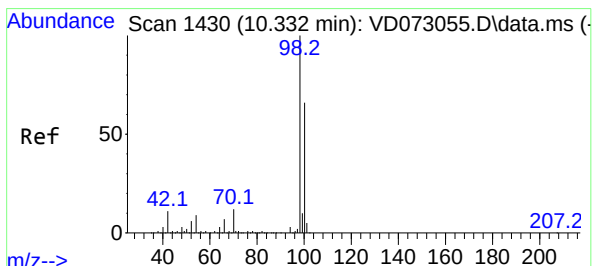
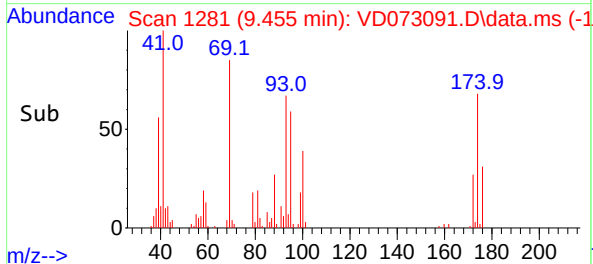
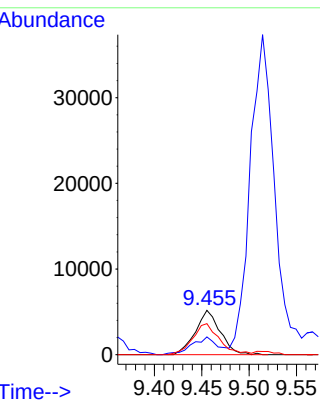
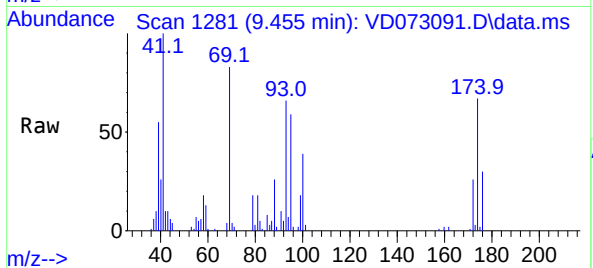
#49
1,4-Dioxane
Concen: 454.177 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 88 Resp: 941
Ion Ratio Lower Upper
88 100
43 42.7 31.0 46.4
58 75.3 58.1 87.1

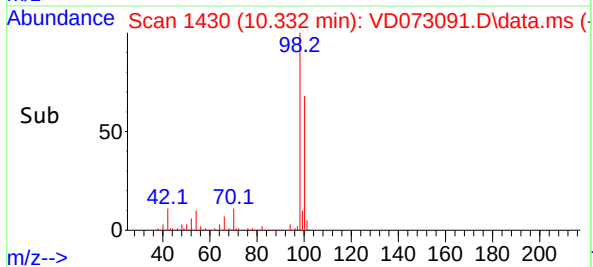
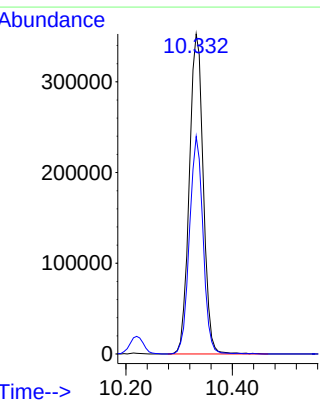
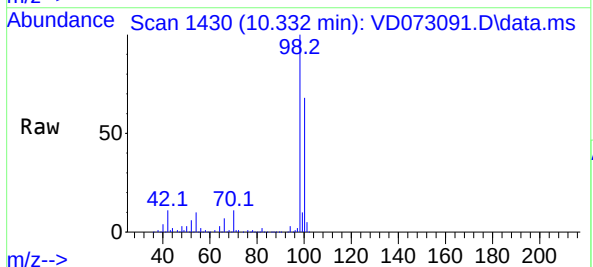
Manual Integrations
APPROVED

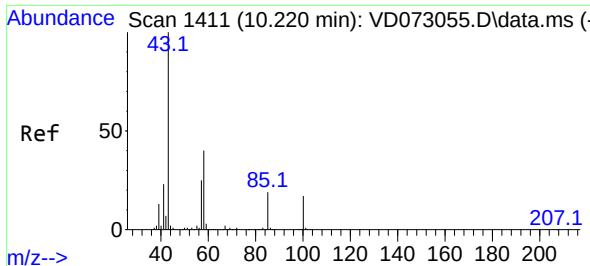
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 59.287 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

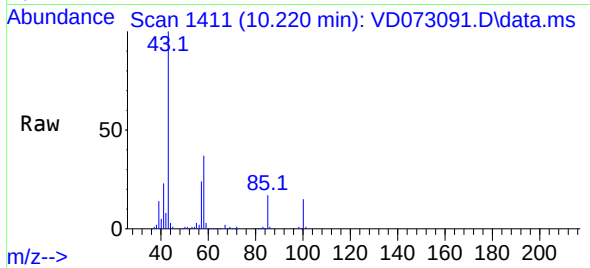
Tgt Ion: 98 Resp: 640252
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 114.522 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

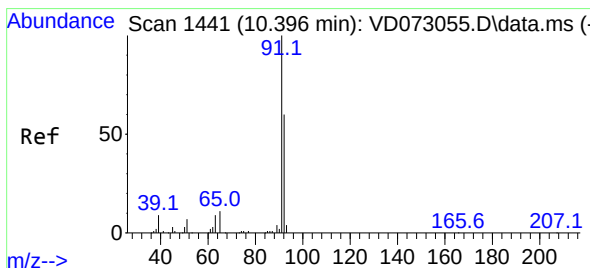
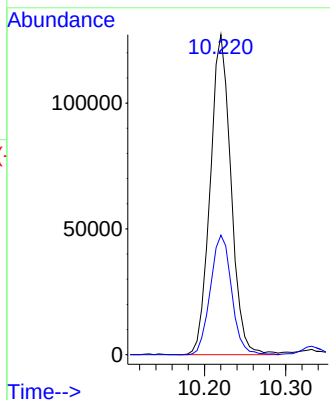
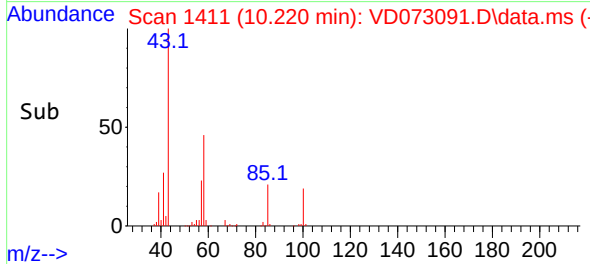
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



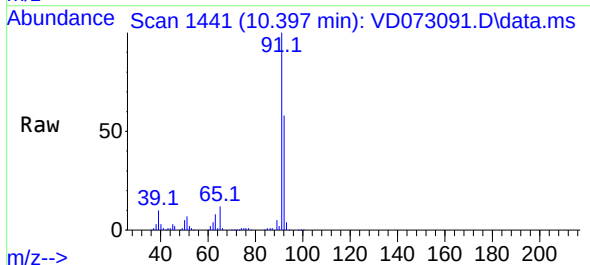
Tgt Ion: 43 Resp: 22634
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0

Manual Integrations
APPROVED

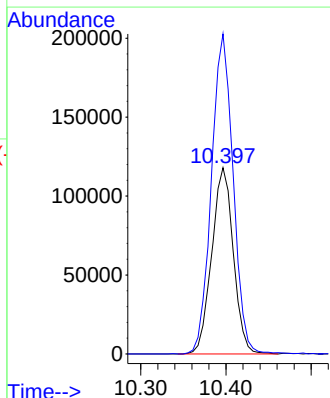
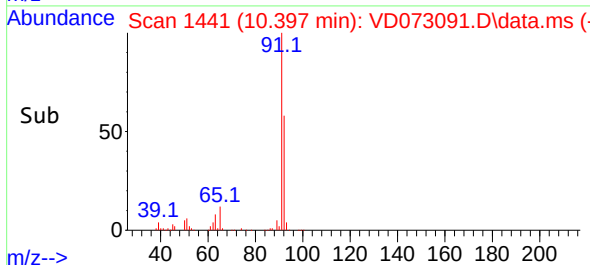
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

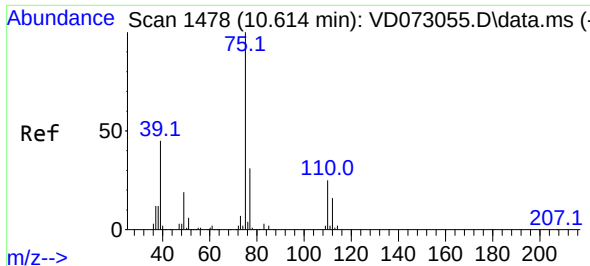


#52
Toluene
Concen: 23.553 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



Tgt Ion: 92 Resp: 207390
Ion Ratio Lower Upper
92 100
91 173.2 139.6 209.4





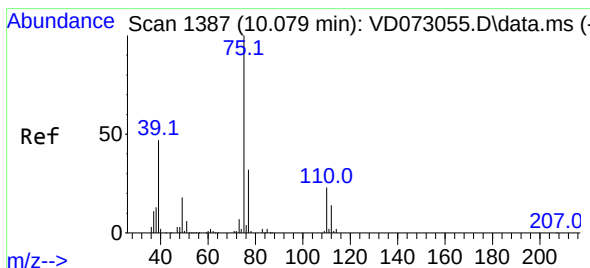
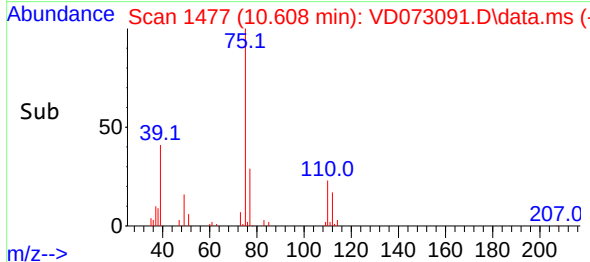
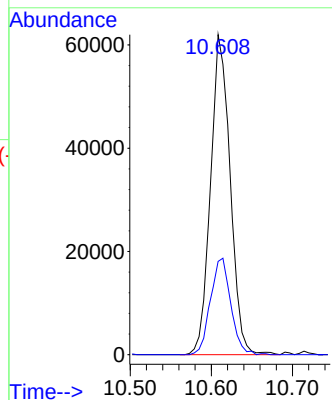
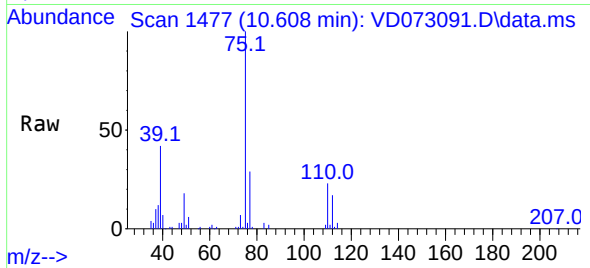
#53
t-1,3-Dichloropropene
Concen: 22.558 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 75 Resp: 10406
Ion Ratio Lower Upper
75 100
77 29.2 24.5 36.7

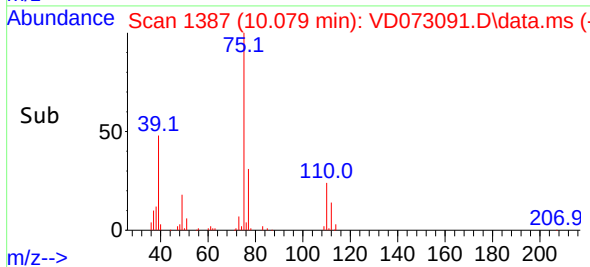
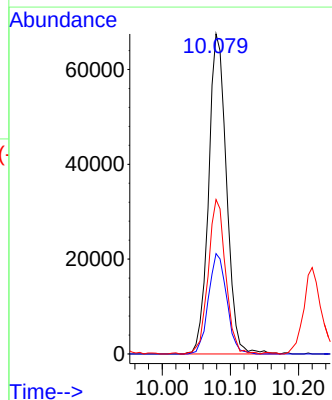
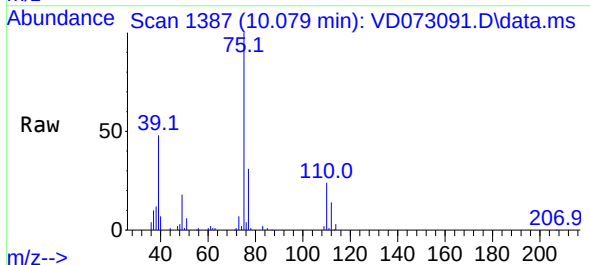
Manual Integrations
APPROVED

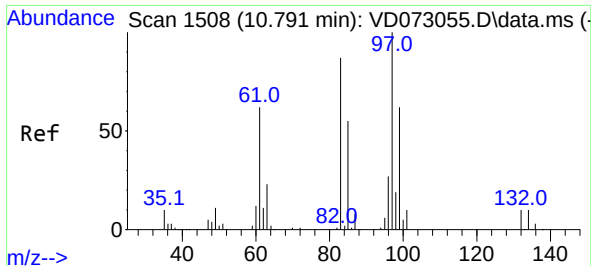
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#54
cis-1,3-Dichloropropene
Concen: 22.668 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

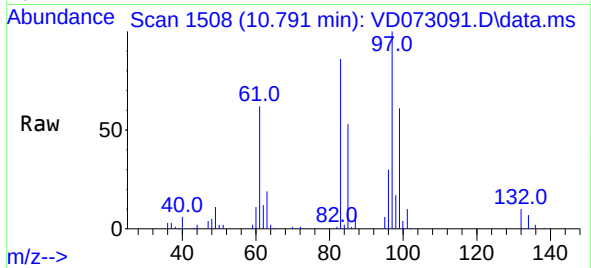
Tgt Ion: 75 Resp: 123296
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 48.2 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 23.619 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

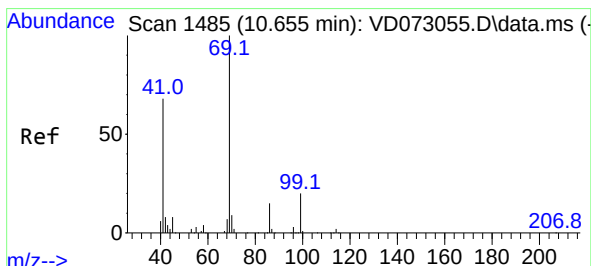
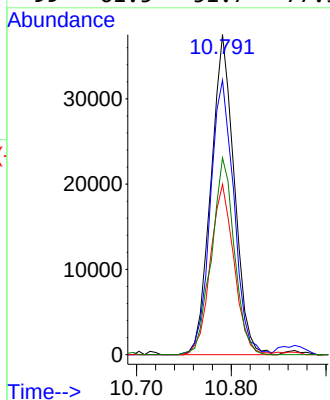
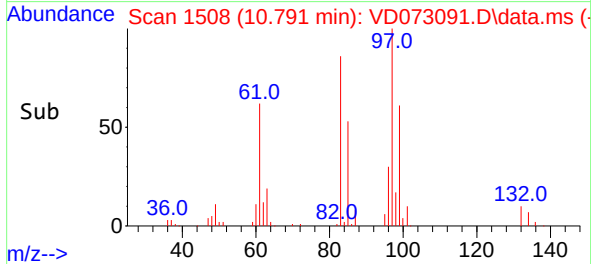
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



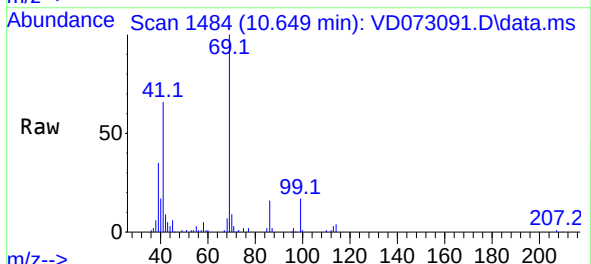
Tgt Ion:	97	Resp:	64204
Ion Ratio	100	Lower	Upper
97	100		
83	85.8	69.0	103.4
85	53.2	42.6	63.8
99	61.5	51.7	77.5

Manual Integrations
APPROVED

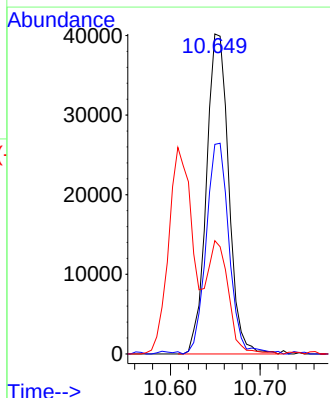
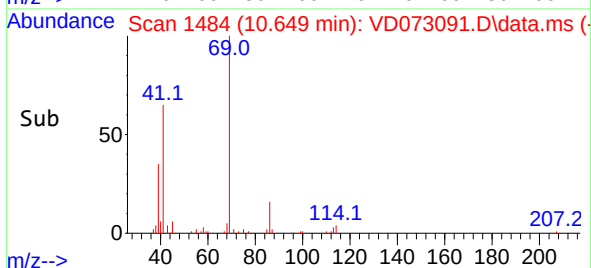
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

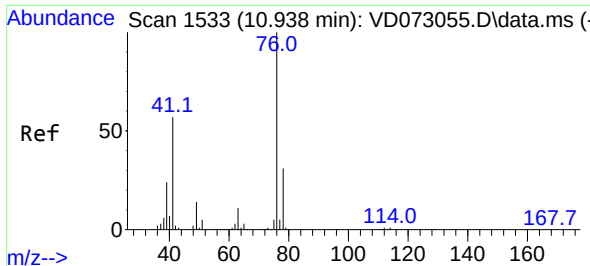


#56
Ethyl methacrylate
Concen: 22.565 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



Tgt Ion:	69	Resp:	69371
Ion Ratio	100	Lower	Upper
69	100		
41	67.7	63.0	94.6
39	30.7	33.8	50.8





#57

1,3-Dichloropropane

Concen: 23.123 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion: 76 Resp: 106949

Ion Ratio Lower Upper

76 100

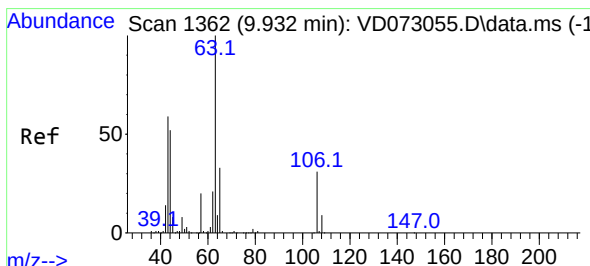
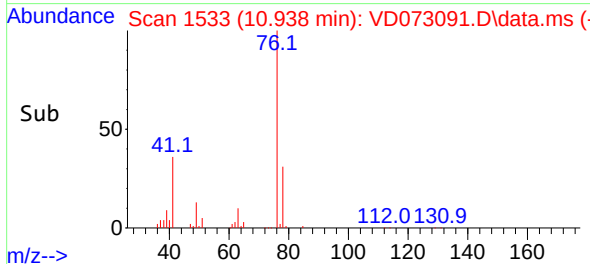
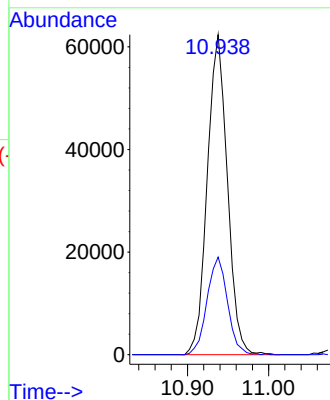
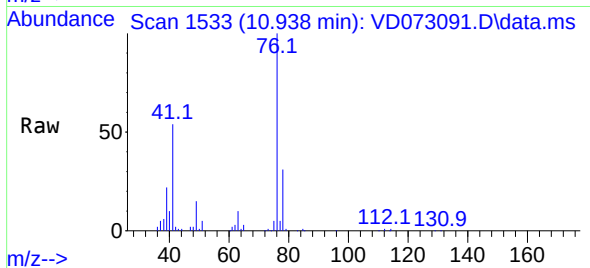
78 31.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 98.528 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073091.D

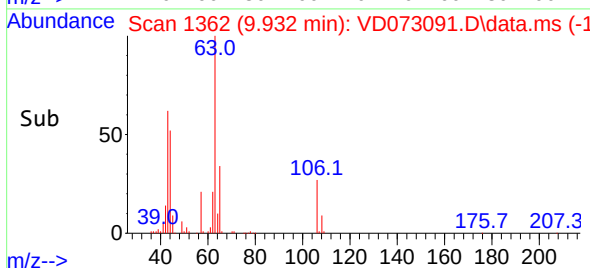
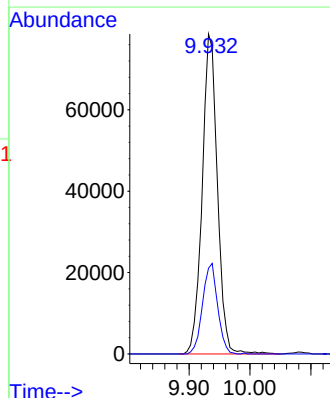
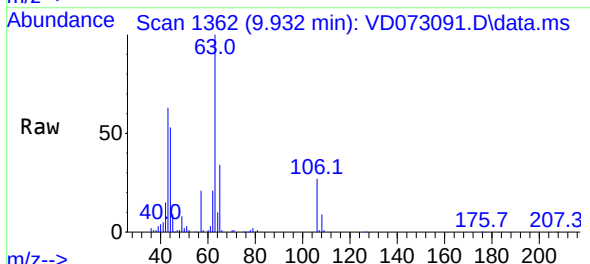
Acq: 18 May 2022 11:28

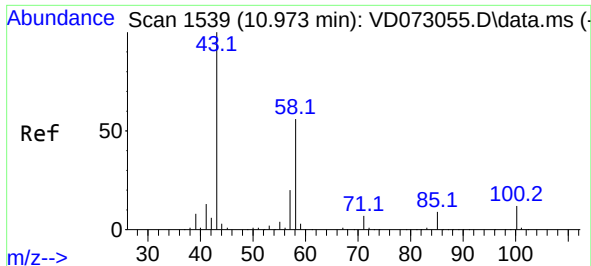
Tgt Ion: 63 Resp: 136355

Ion Ratio Lower Upper

63 100

106 27.9 21.4 32.0





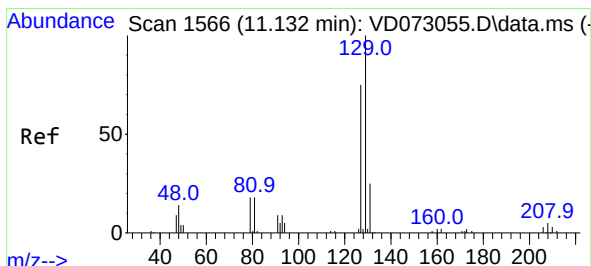
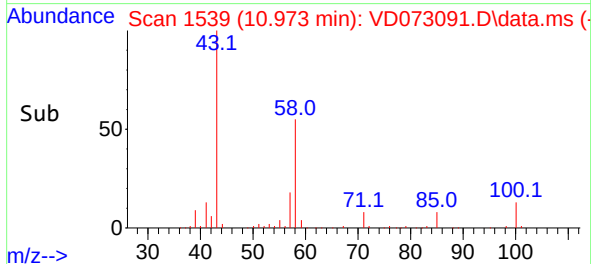
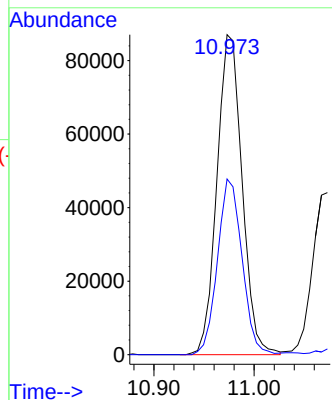
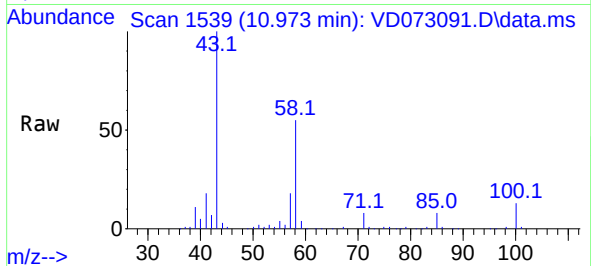
#59
2-Hexanone
Concen: 116.156 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 43 Resp: 15165
Ion Ratio Lower Upper
43 100
58 53.6 25.3 75.9

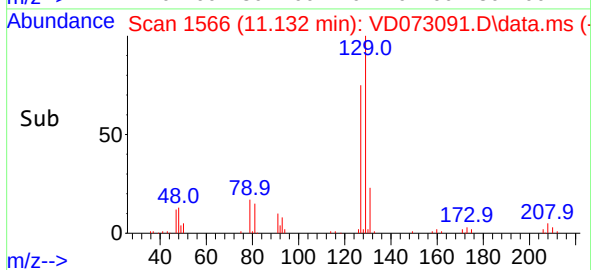
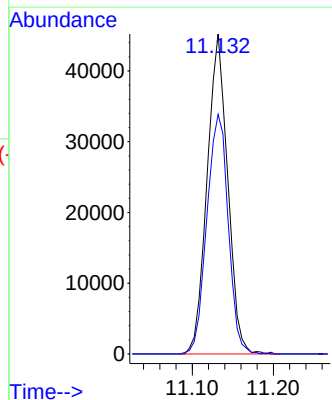
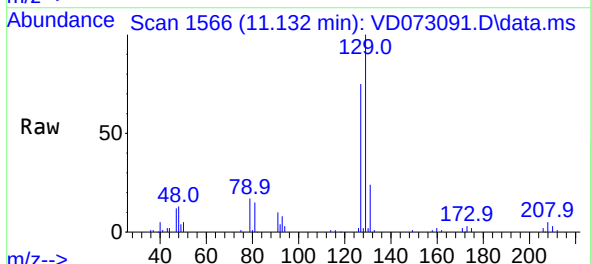
Manual Integrations
APPROVED

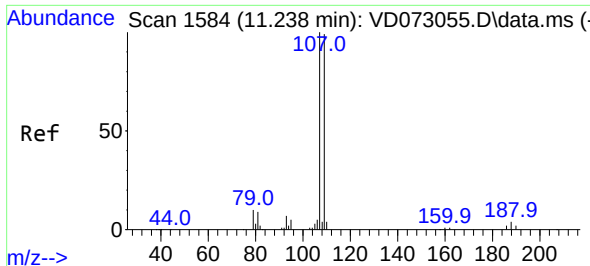
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#60
Dibromochloromethane
Concen: 23.525 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion:129 Resp: 79449
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





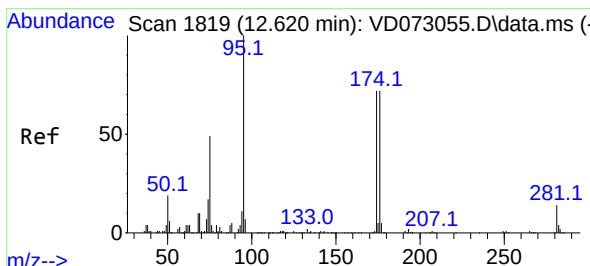
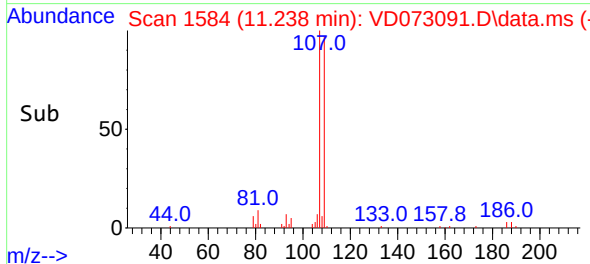
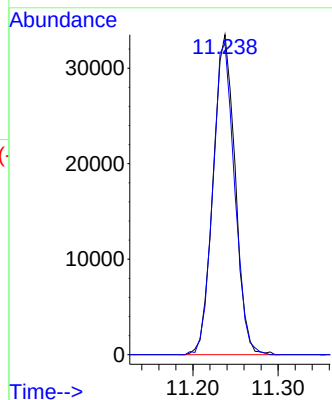
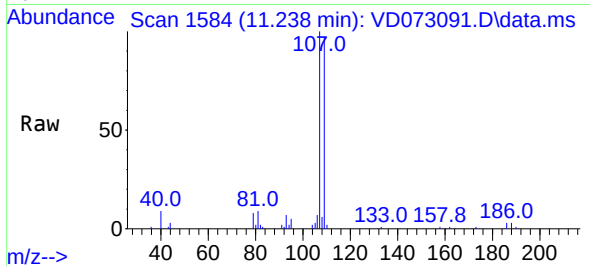
#61
1,2-Dibromoethane
Concen: 22.891 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion:107 Resp: 59878
Ion Ratio Lower Upper
107 100
109 96.7 74.2 111.4

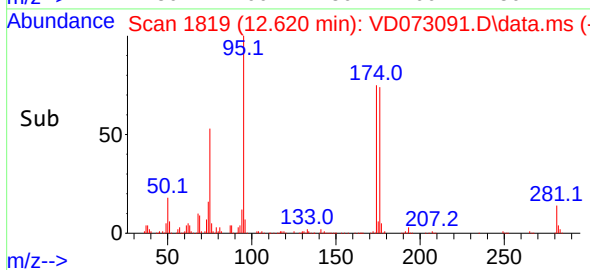
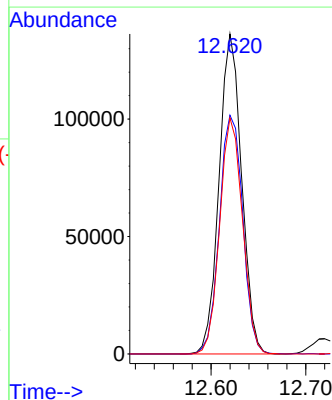
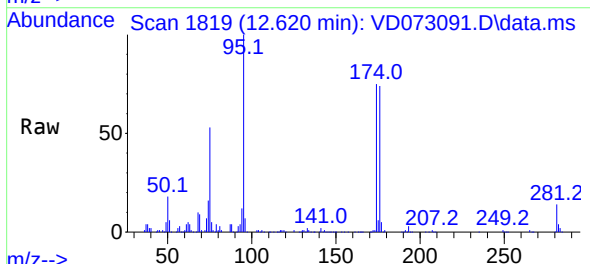
Manual Integrations
APPROVED

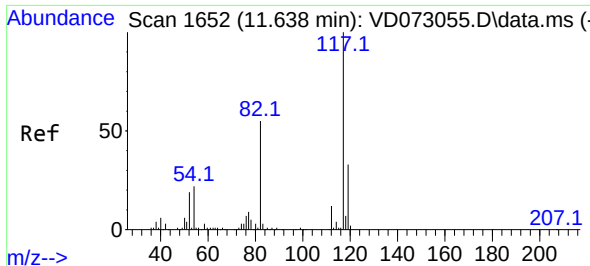
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 57.630 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

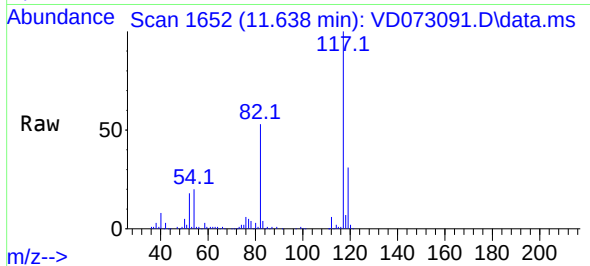
Tgt Ion: 95 Resp: 225417
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.5 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

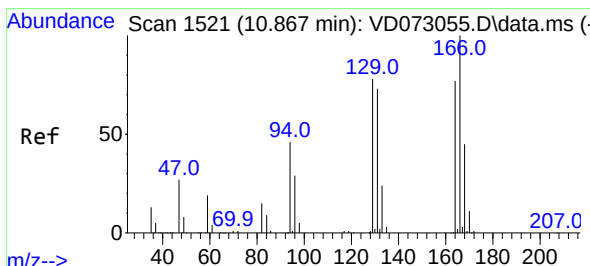
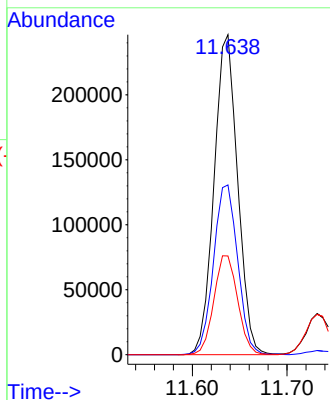
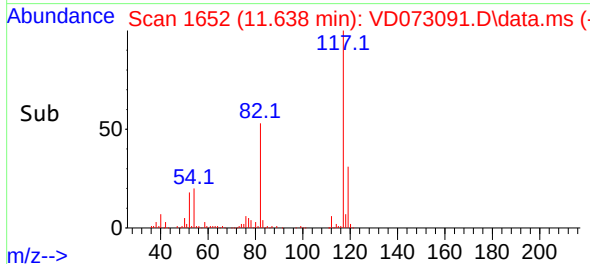
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



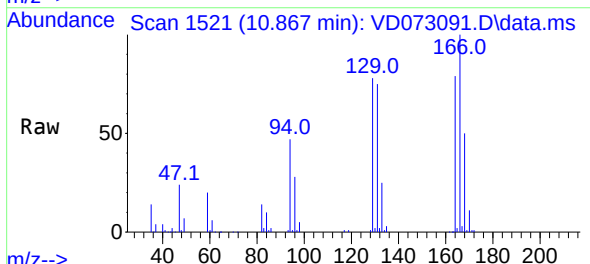
Tgt Ion:117 Resp: 426240
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 30.9 26.6 40.0

Manual Integrations
APPROVED

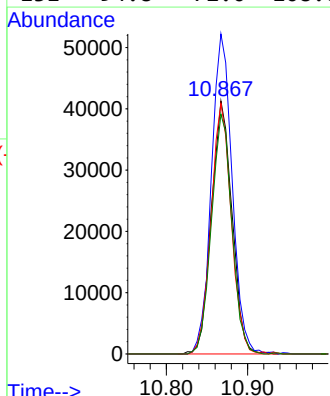
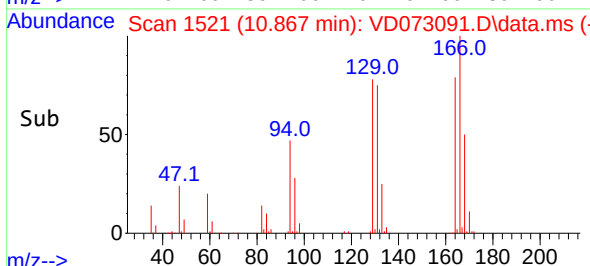
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

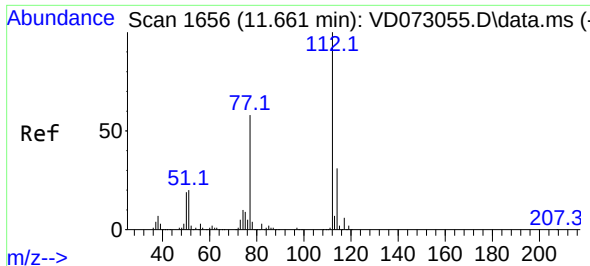


#64
Tetrachloroethene
Concen: 23.445 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



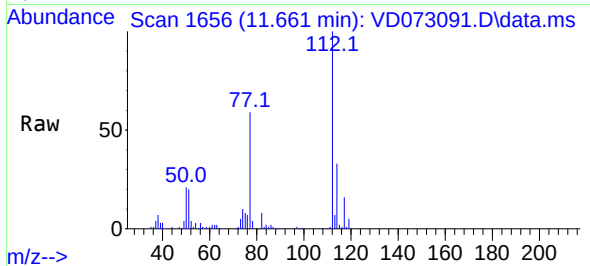
Tgt Ion:164 Resp: 73215
Ion Ratio Lower Upper
164 100
166 126.5 98.5 147.7
129 99.1 74.6 111.8
131 94.8 72.0 108.0





#65
Chlorobenzene
Concen: 22.887 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

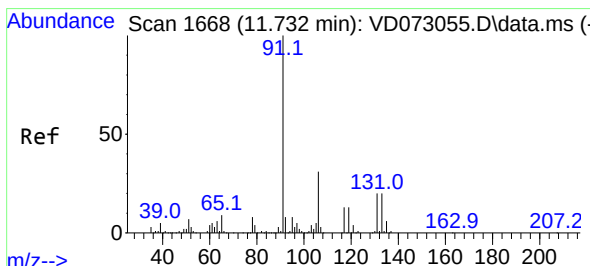
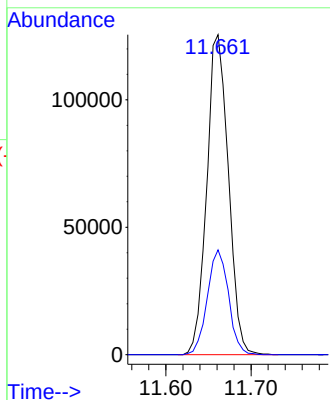
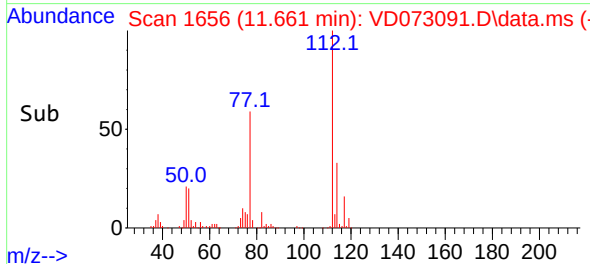
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



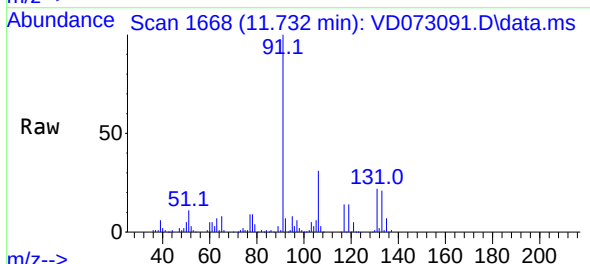
Tgt Ion:112 Resp: 221199
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

Manual Integrations
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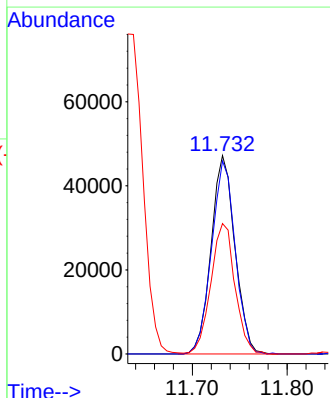
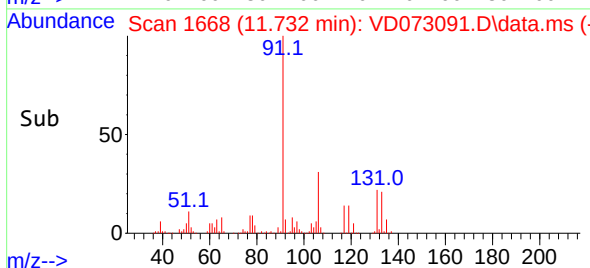
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

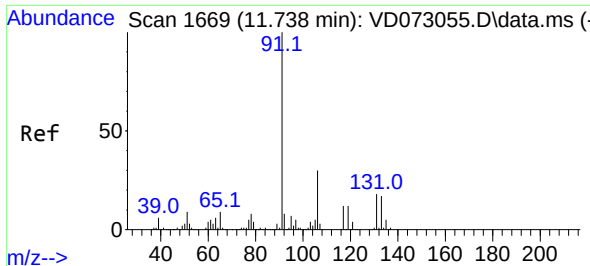


#66
1,1,1,2-Tetrachloroethane
Concen: 22.303 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



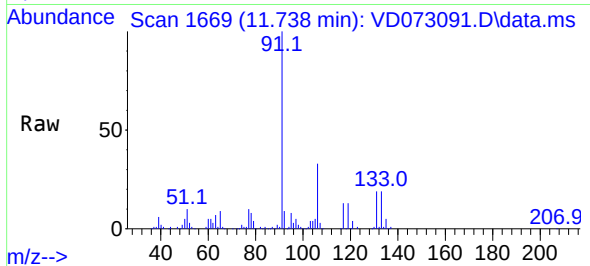
Tgt Ion:131 Resp: 82341
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 66.8 31.9 95.9





#67
Ethyl Benzene
Concen: 22.353 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

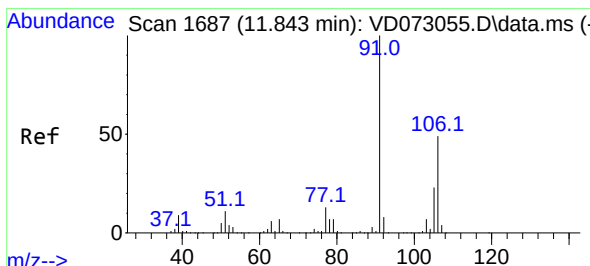
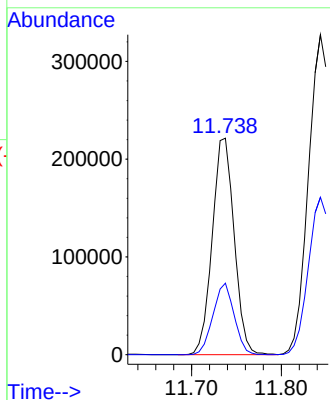
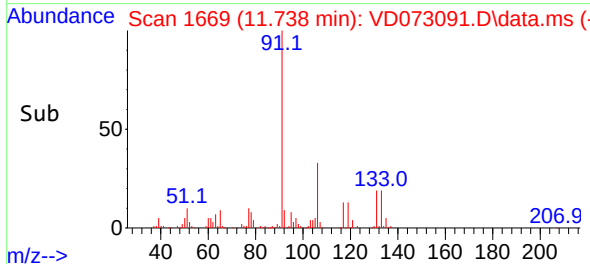
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



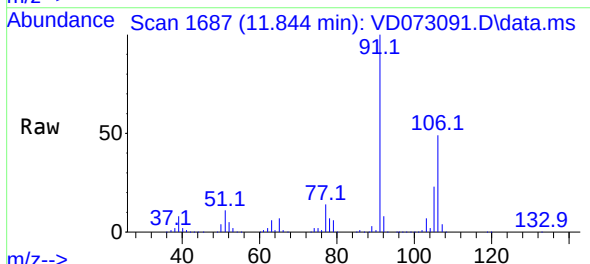
Tgt Ion: 91 Resp: 376164
Ion Ratio Lower Upper
91 100
106 33.1 24.2 36.4

Manual Integrations
APPROVED

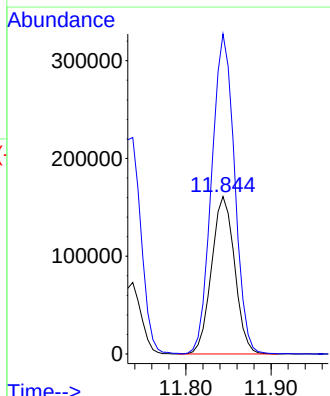
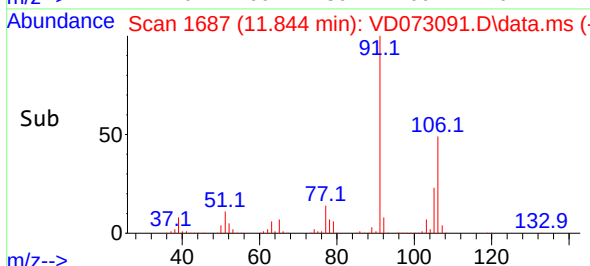
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

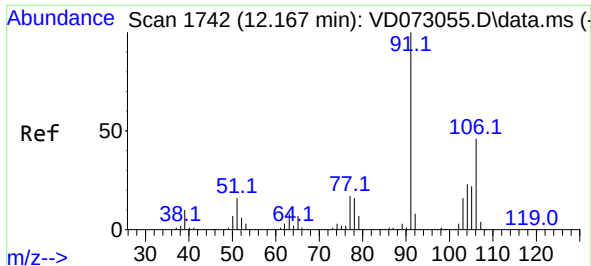


#68
m/p-Xylenes
Concen: 46.472 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



Tgt Ion:106 Resp: 303090
Ion Ratio Lower Upper
106 100
91 202.2 163.7 245.5





#69

o-Xylene

Concen: 22.705 ug/l

RT: 12.173 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion:106 Resp: 13655

Ion Ratio Lower Upper

106 100

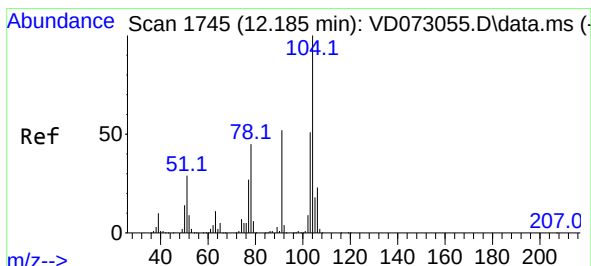
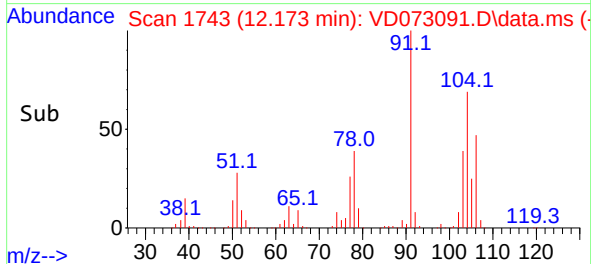
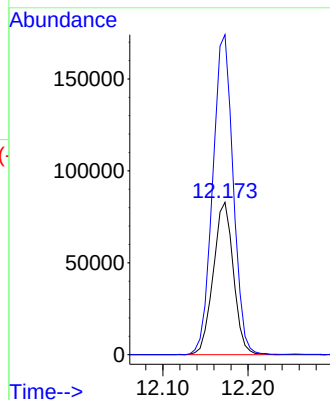
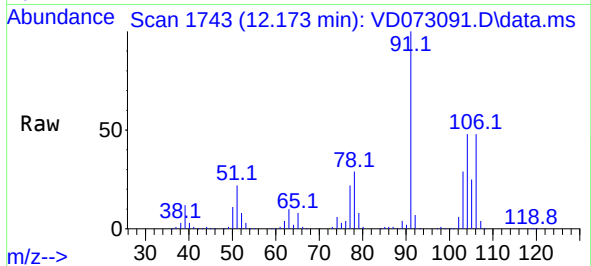
91 213.2 110.4 331.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#70

Styrene

Concen: 22.969 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

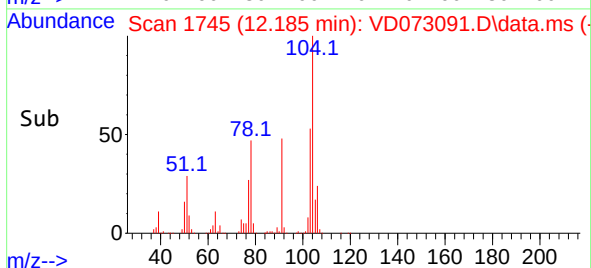
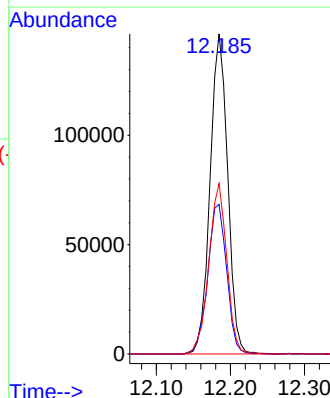
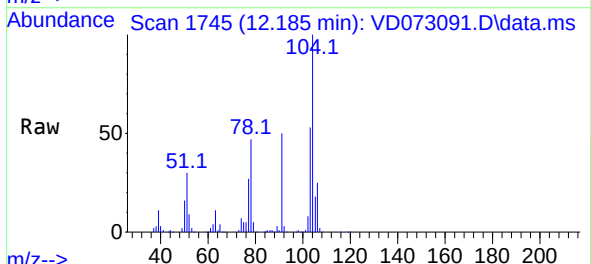
Tgt Ion:104 Resp: 241291

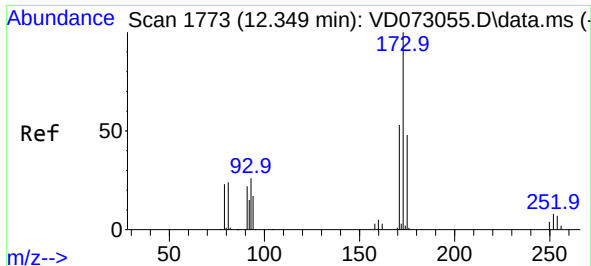
Ion Ratio Lower Upper

104 100

78 50.2 41.8 62.8

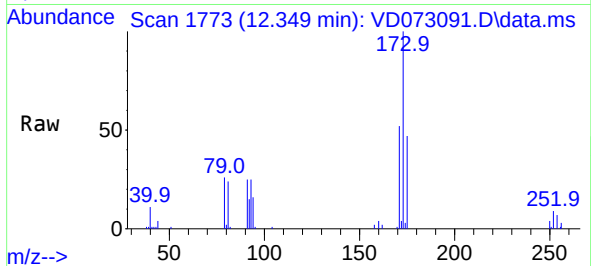
103 54.6 44.2 66.4





#71
Bromoform
Concen: 23.535 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

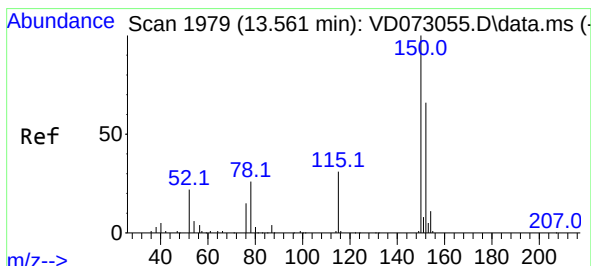
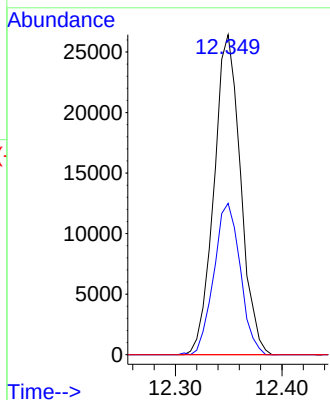
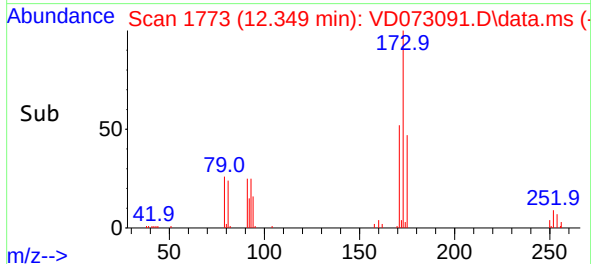
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



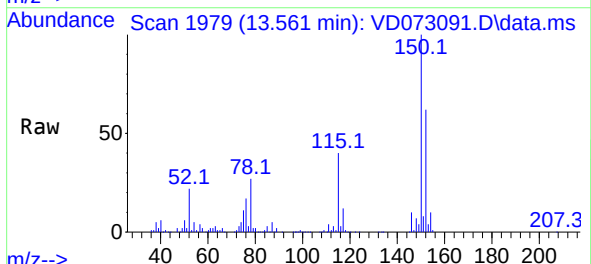
Tgt Ion:173 Resp: 45748
Ion Ratio Lower Upper
173 100
175 46.9 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

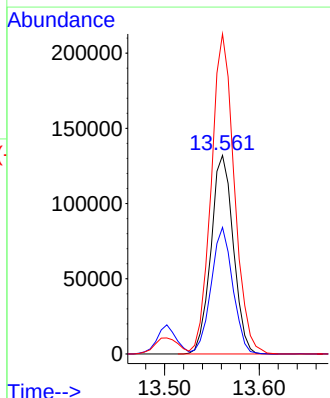
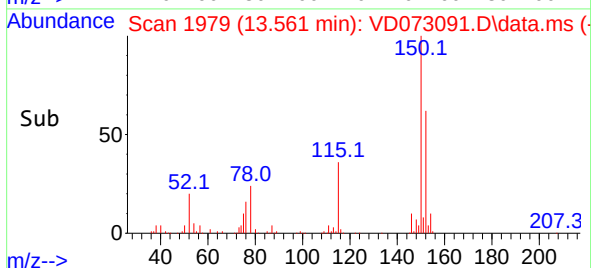
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

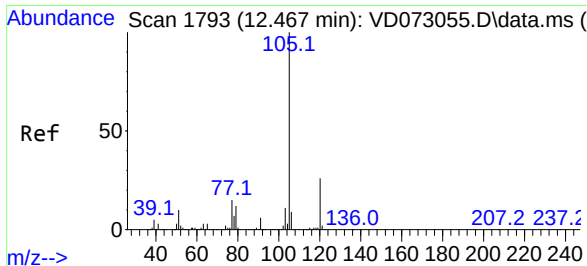


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



Tgt Ion:152 Resp: 216075
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 166.4 0.0 348.6





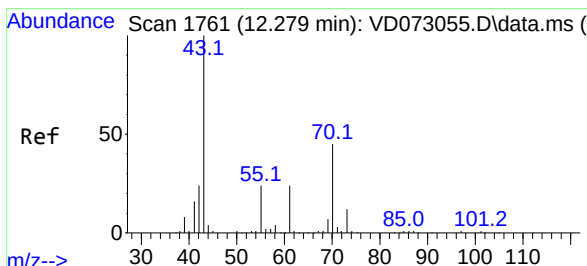
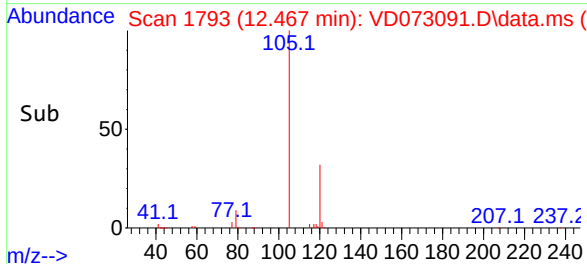
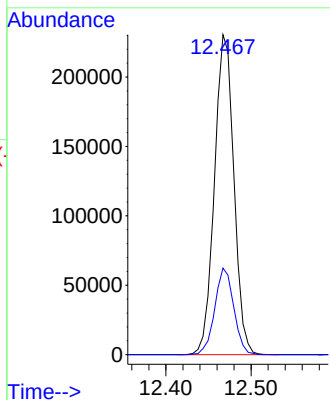
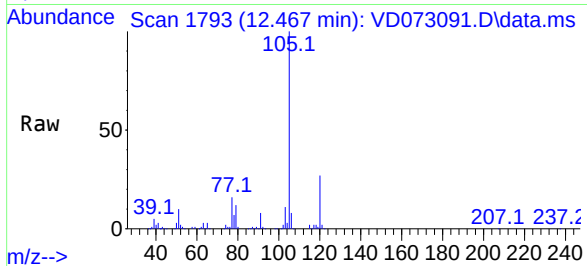
#73
Isopropylbenzene
Concen: 22.338 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion:105 Resp: 36586
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

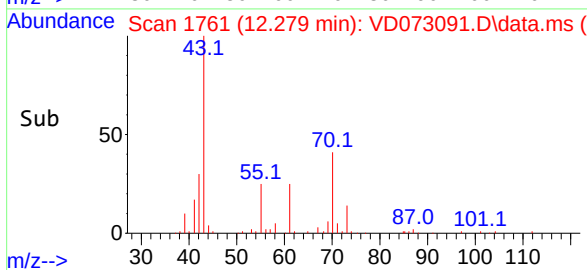
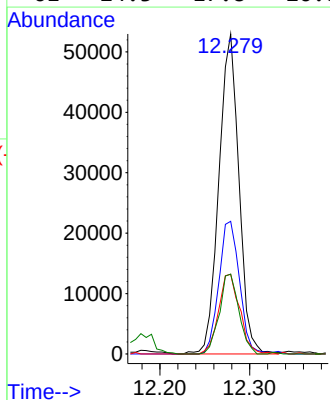
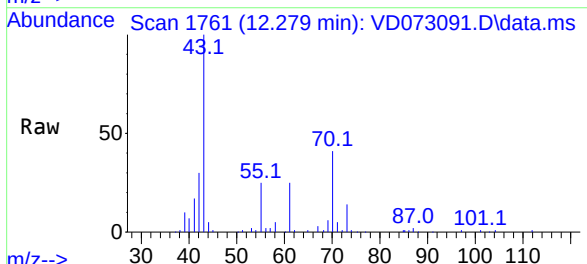
Manual Integrations
APPROVED

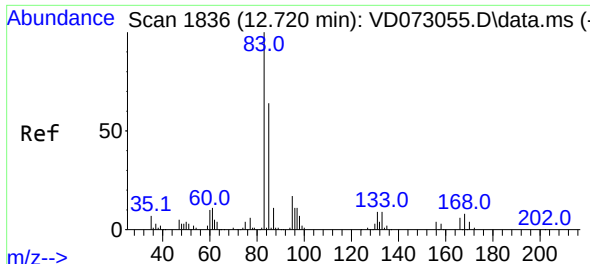
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#74
N-ethyl acetate
Concen: 21.470 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

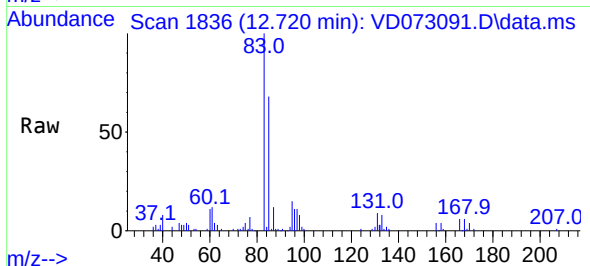
Tgt Ion: 43 Resp: 82179
Ion Ratio Lower Upper
43 100
70 42.9 31.3 46.9
55 26.5 20.0 30.0
61 24.3 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 22.415 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

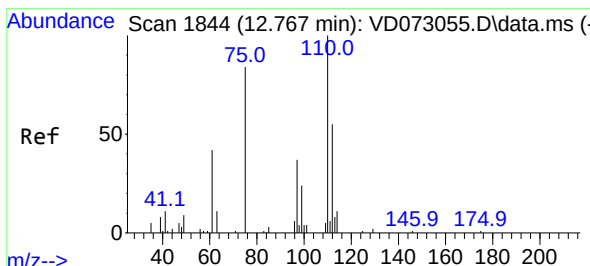
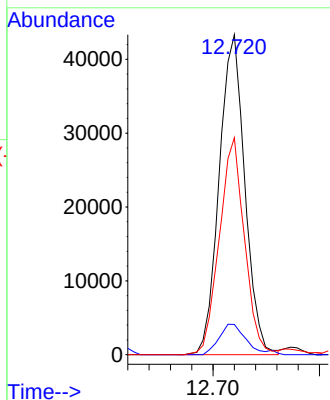
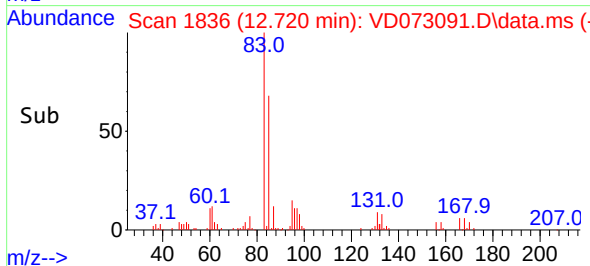
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



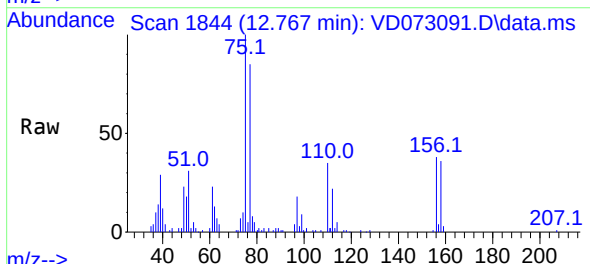
Tgt Ion: 83 Resp: 7237
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 66.2 32.6 98.0

Manual Integrations
APPROVED

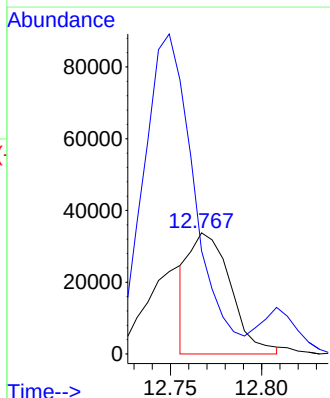
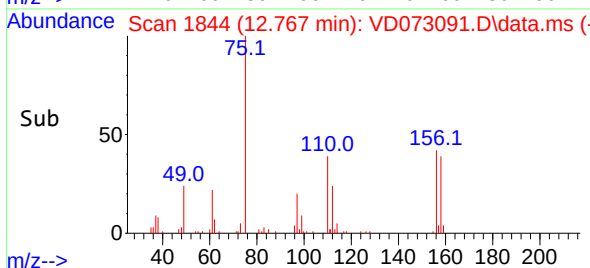
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

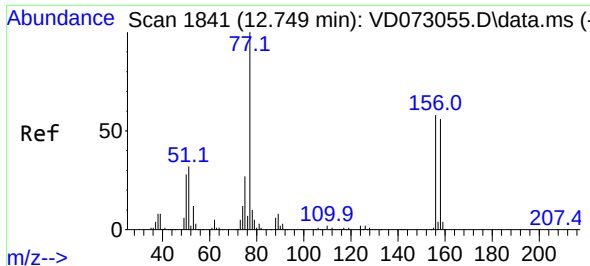


#76
1,2,3-Trichloropropane
Concen: 21.865 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



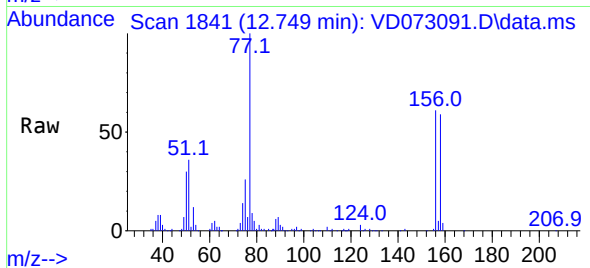
Tgt Ion: 75 Resp: 53408
Ion Ratio Lower Upper
75 100
77 321.8 0.0 0.0#





#77
Bromobenzene
Concen: 22.785 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

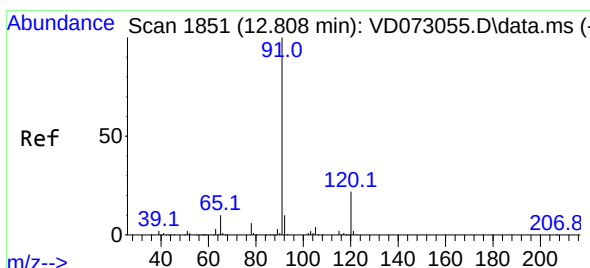
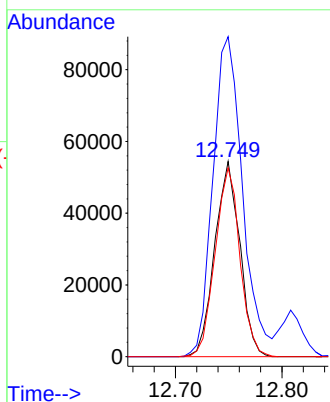
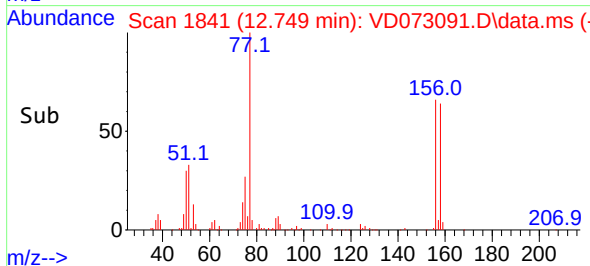
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



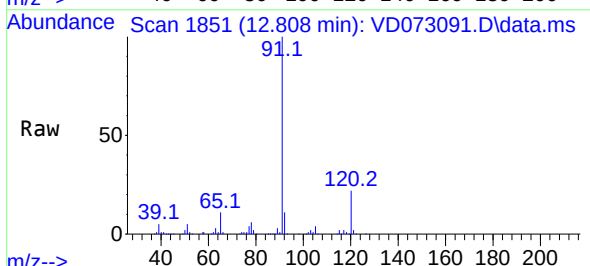
Tgt Ion:156 Resp: 89040
Ion Ratio Lower Upper
156 100
77 193.0 102.8 308.3
158 95.5 48.7 146.1

Manual Integrations
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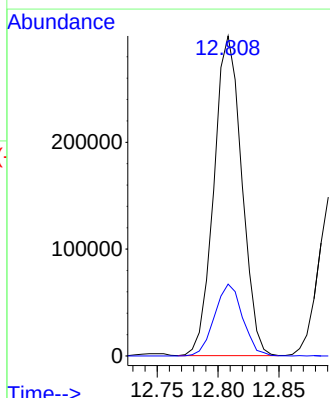
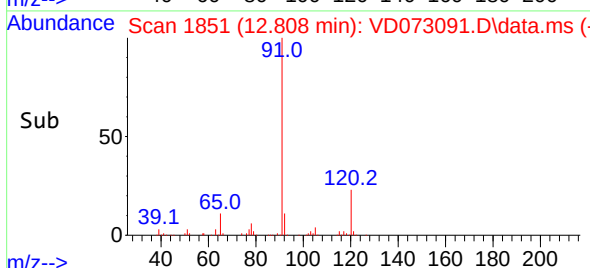
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

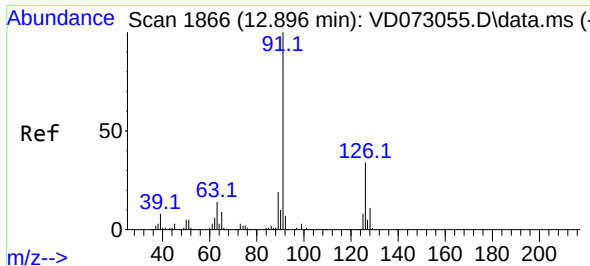


#78
n-propylbenzene
Concen: 23.140 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



Tgt Ion: 91 Resp: 475932
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





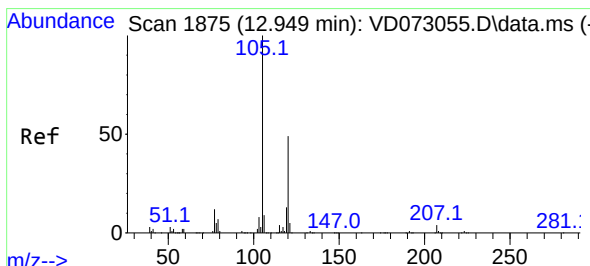
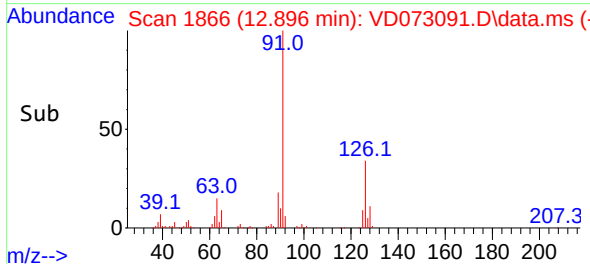
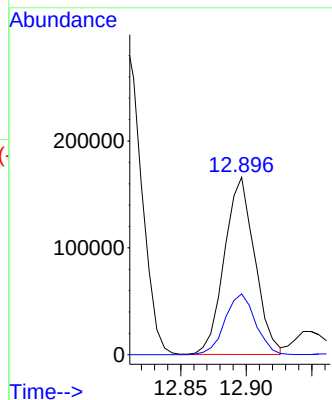
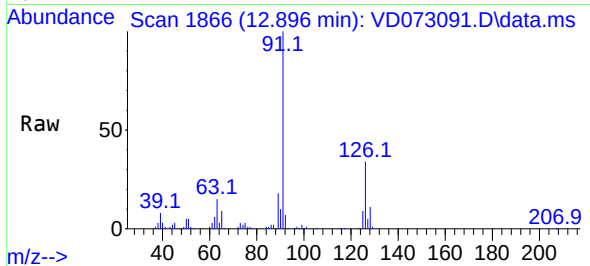
#79
2-Chlorotoluene
Concen: 22.286 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 91 Resp: 267032
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.6

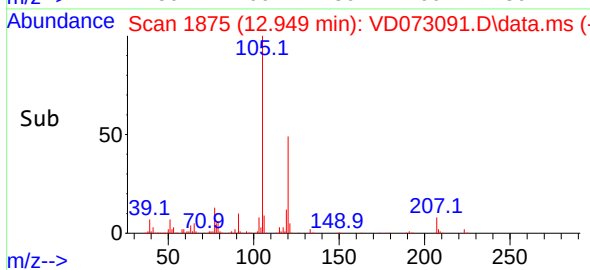
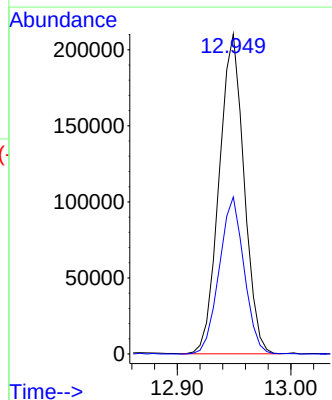
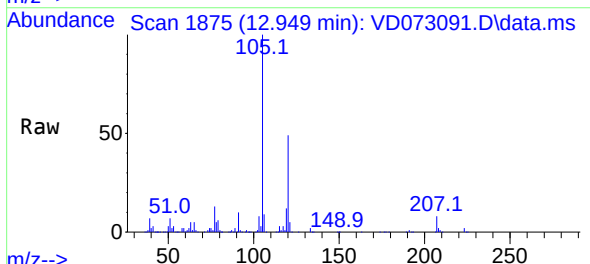
Manual Integrations
APPROVED

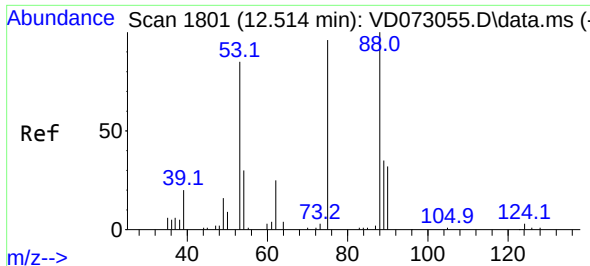
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.962 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion:105 Resp: 320393
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





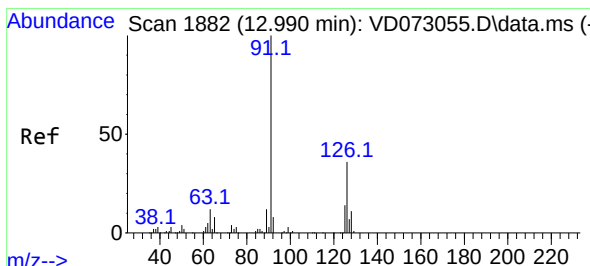
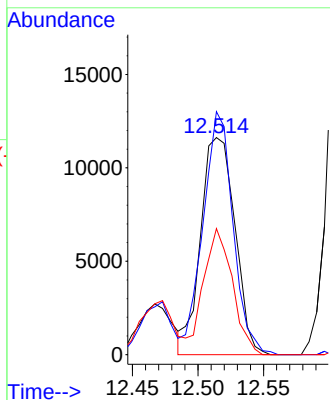
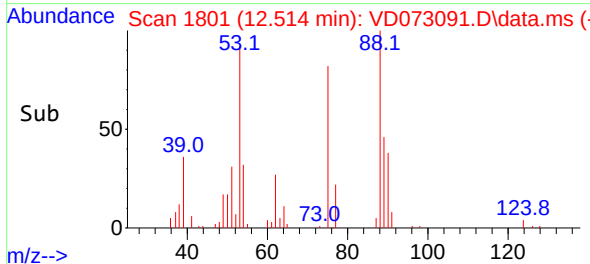
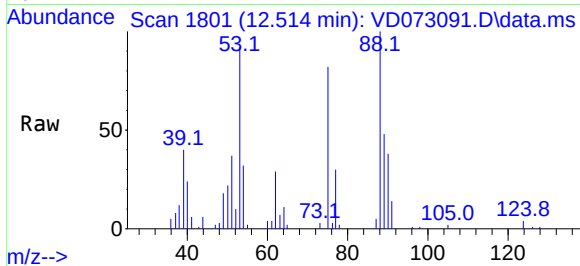
#81
trans-1,4-Dichloro-2-butene
Concen: 20.767 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 75 Resp: 2115
Ion Ratio Lower Upper
75 100
53 98.4 86.5 129.7
89 48.7 33.9 50.9

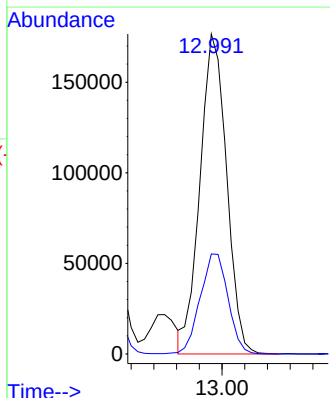
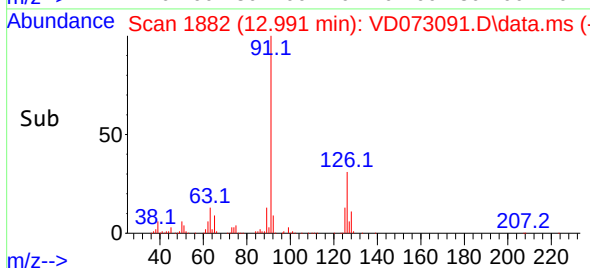
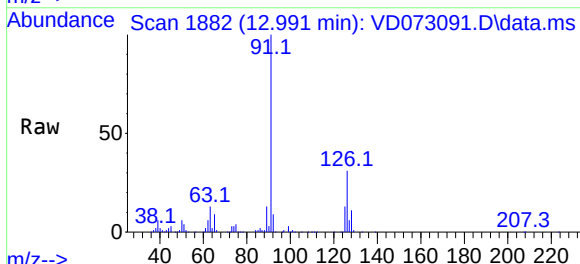
Manual Integrations
APPROVED

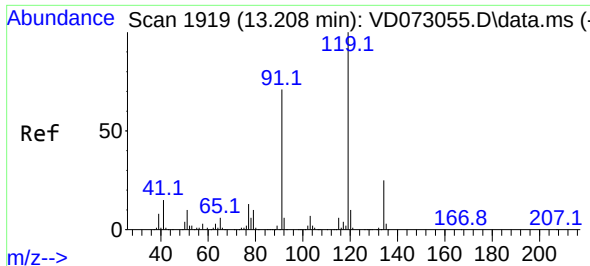
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#82
4-Chlorotoluene
Concen: 22.665 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

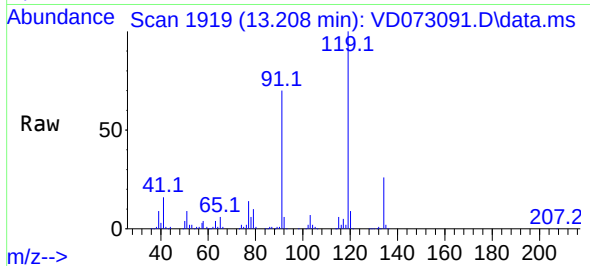
Tgt Ion: 91 Resp: 287420
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5





#83
tert-Butylbenzene
Concen: 22.340 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

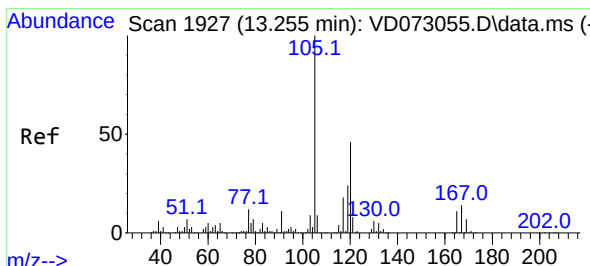
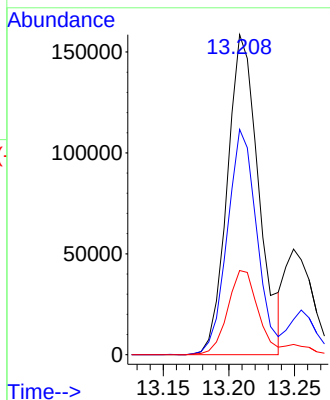
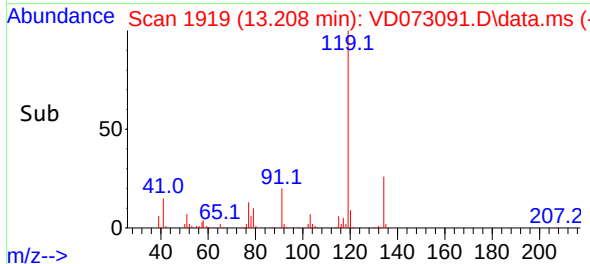
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



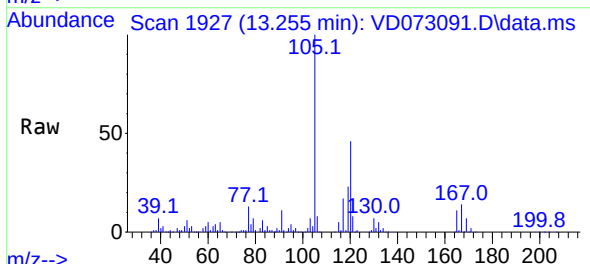
Tgt Ion:119 Resp: 264030
Ion Ratio Lower Upper
119 100
91 66.3 34.8 104.5
134 26.0 13.3 39.9

Manual Integrations
APPROVED

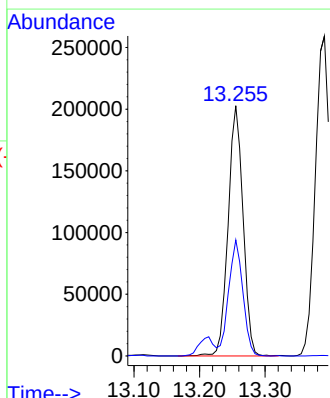
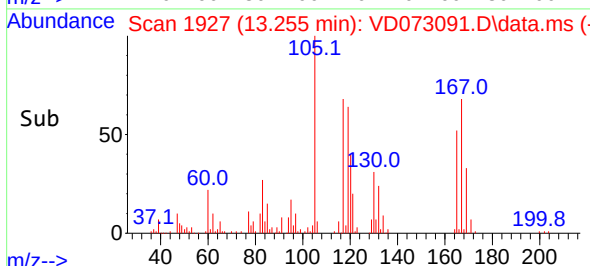
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

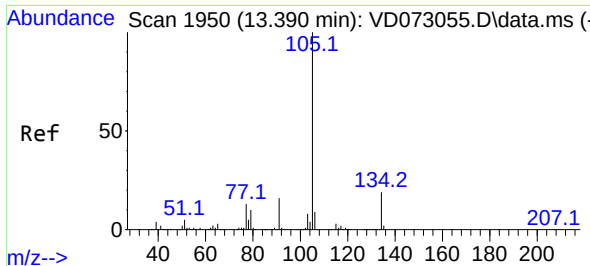


#84
1,2,4-Trimethylbenzene
Concen: 23.093 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



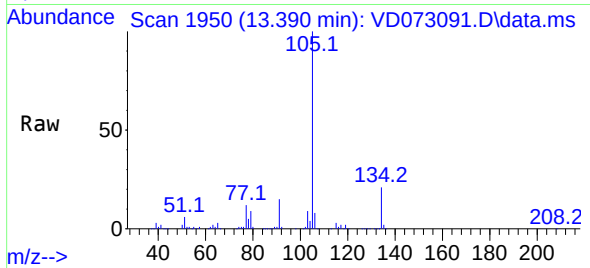
Tgt Ion:105 Resp: 320572
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 22.883 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073091.D
 Acq: 18 May 2022 11:28

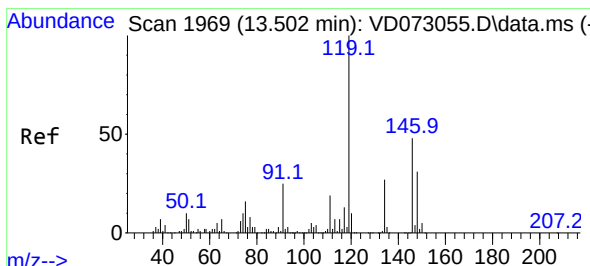
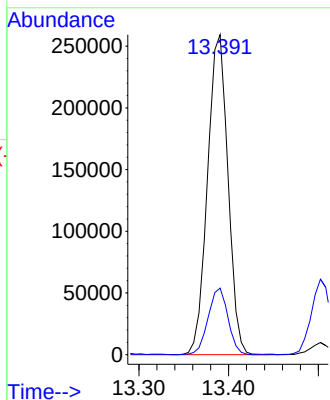
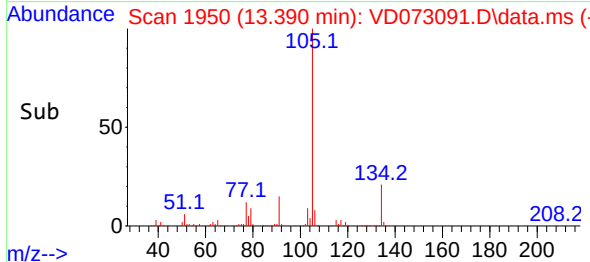
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS01



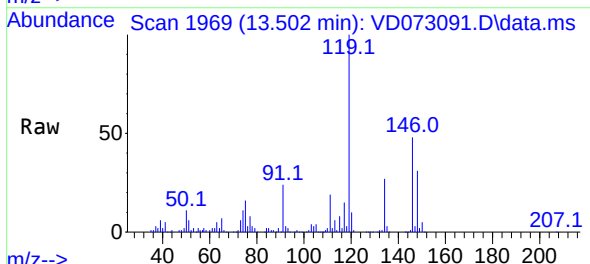
Tgt Ion:105 Resp: 410524
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
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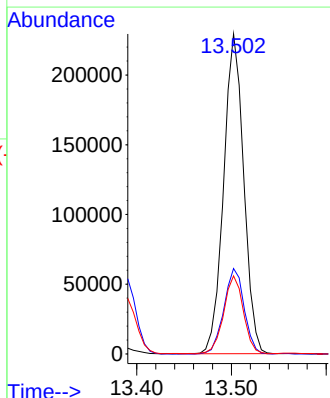
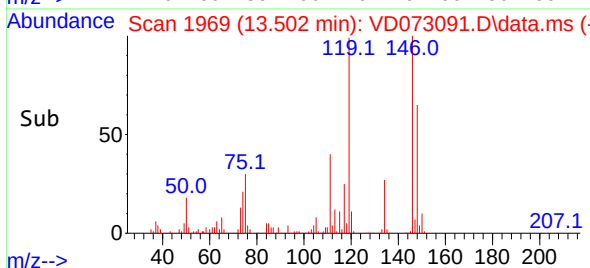
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022

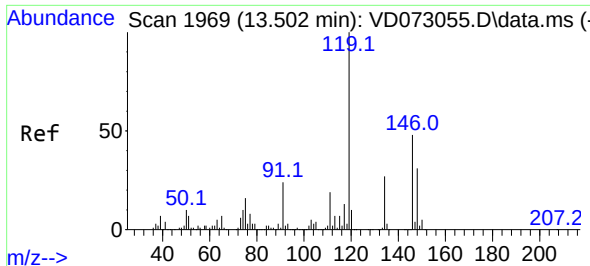


#86
 p-Isopropyltoluene
 Concen: 23.192 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073091.D
 Acq: 18 May 2022 11:28



Tgt Ion:119 Resp: 338428
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.6
 91 23.8 12.1 36.3





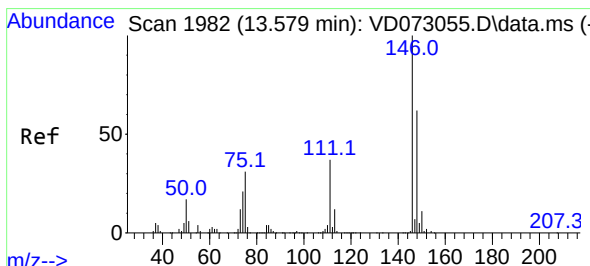
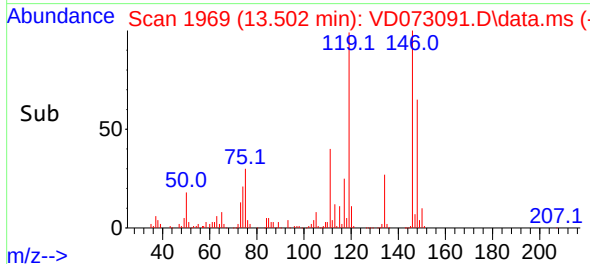
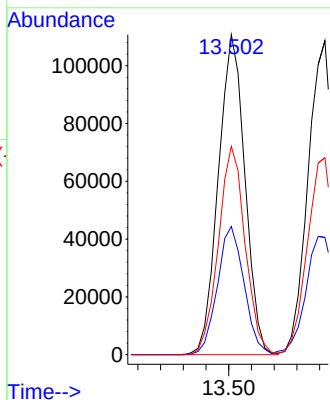
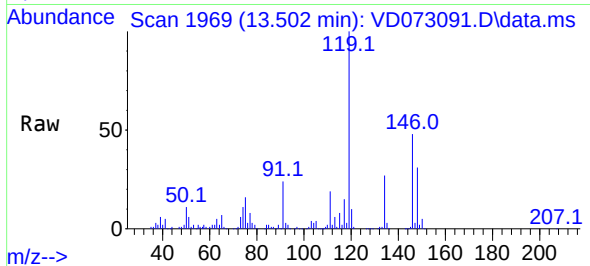
#87
1,3-Dichlorobenzene
Concen: 22.401 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion:146 Resp: 17992
Ion Ratio Lower Upper
146 100
111 40.2 20.4 61.3
148 65.6 31.9 95.7

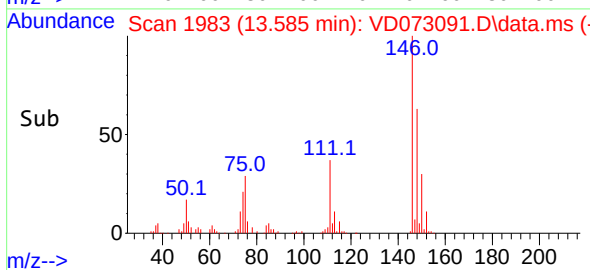
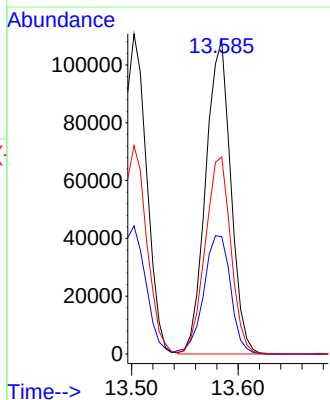
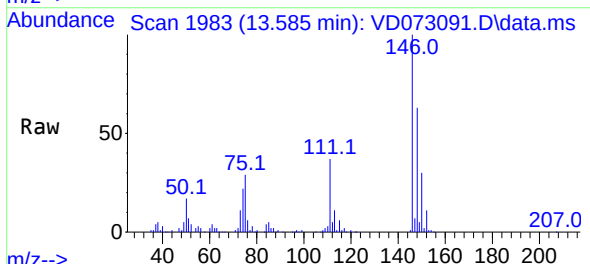
Manual Integrations
APPROVED

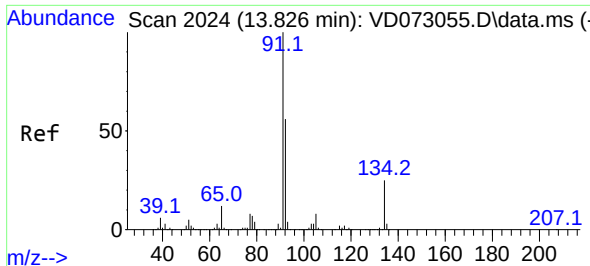
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#88
1,4-Dichlorobenzene
Concen: 22.334 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion:146 Resp: 177267
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 64.3 31.7 95.1





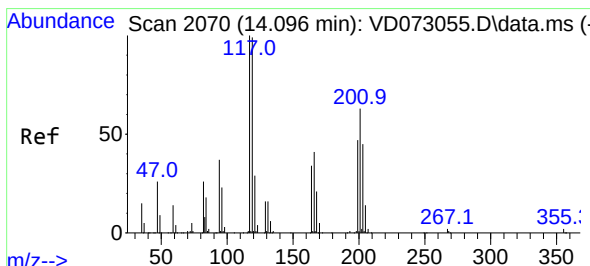
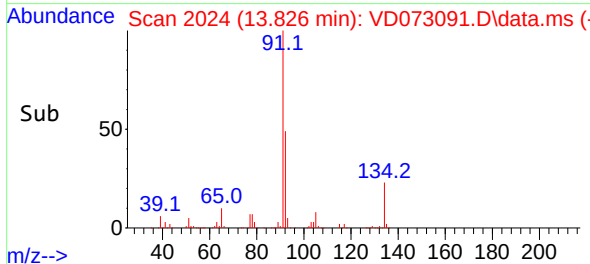
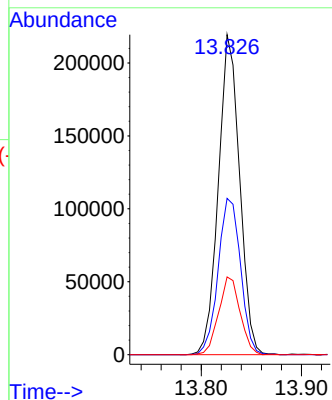
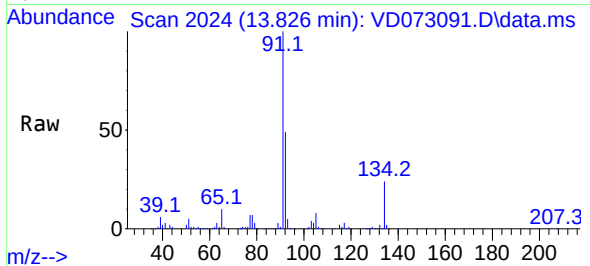
#89
n-Butylbenzene
Concen: 22.757 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion: 91 Resp: 32293
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.8
134 24.6 12.3 36.9

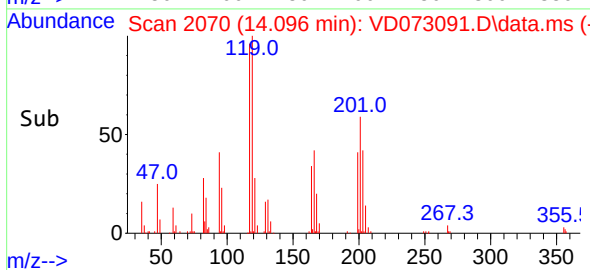
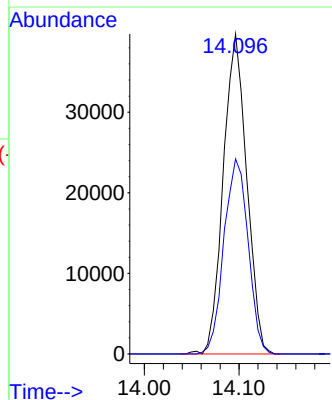
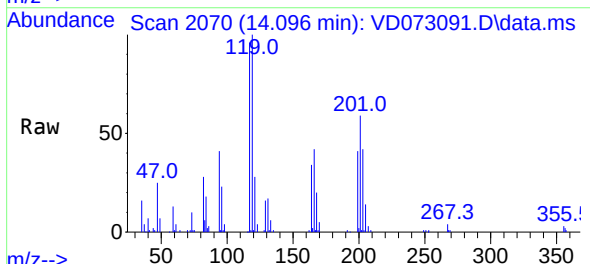
Manual Integrations
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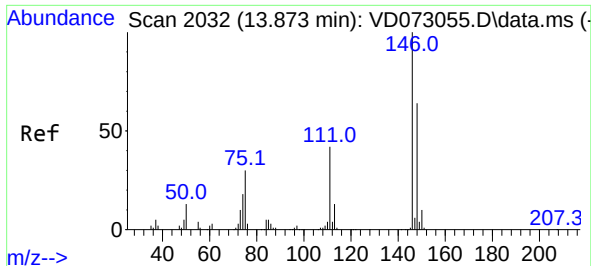
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 22.518 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Tgt Ion:117 Resp: 68277
Ion Ratio Lower Upper
117 100
201 62.8 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 22.887 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073091.D

Acq: 18 May 2022 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS01

Tgt Ion:146 Resp: 159439

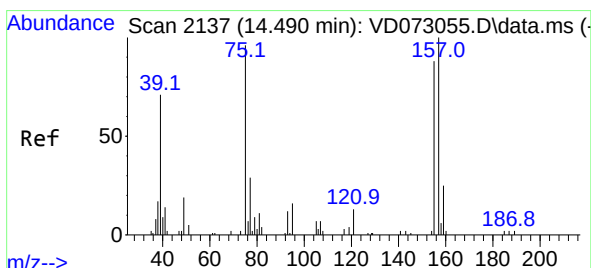
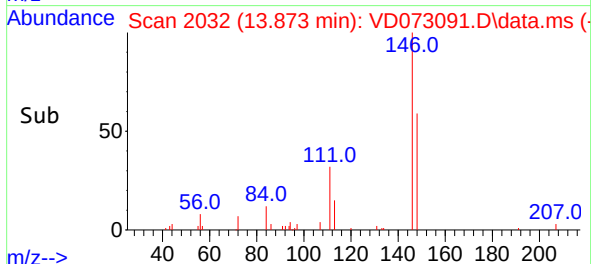
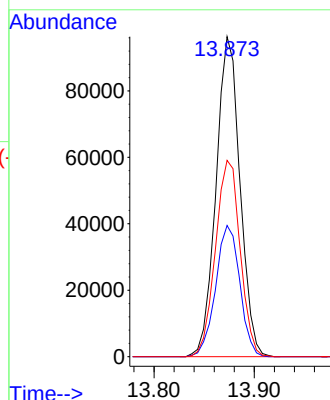
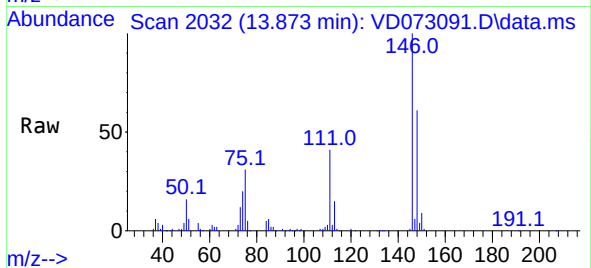
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.3
148	63.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.160 ug/l

RT: 14.485 min Scan# 2136

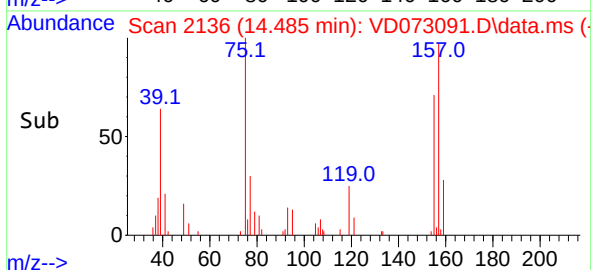
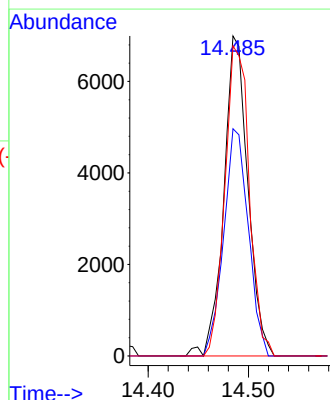
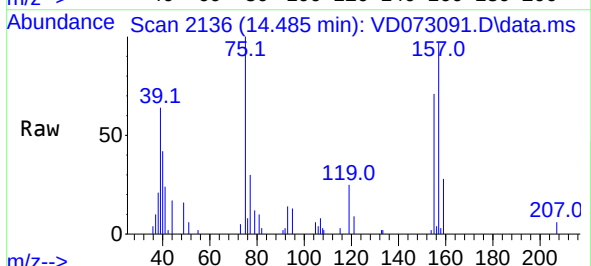
Delta R.T. -0.006 min

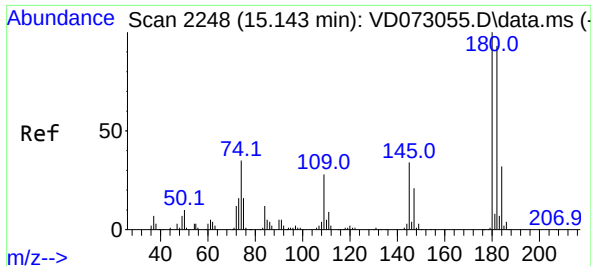
Lab File: VD073091.D

Acq: 18 May 2022 11:28

Tgt Ion: 75 Resp: 11624

Ion	Ratio	Lower	Upper
75	100		
155	72.7	36.8	110.3
157	98.6	48.4	145.0





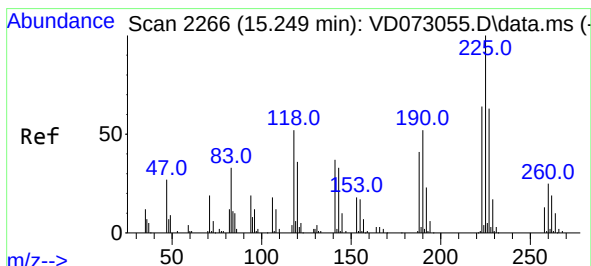
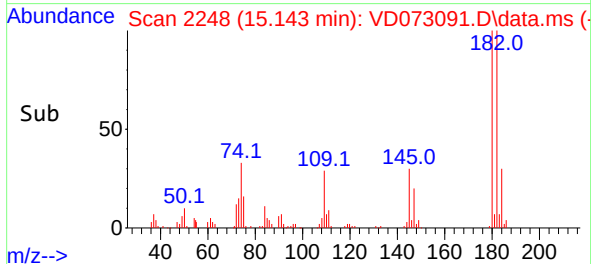
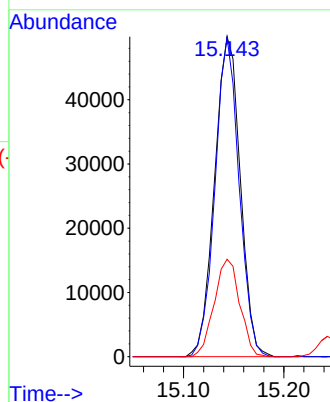
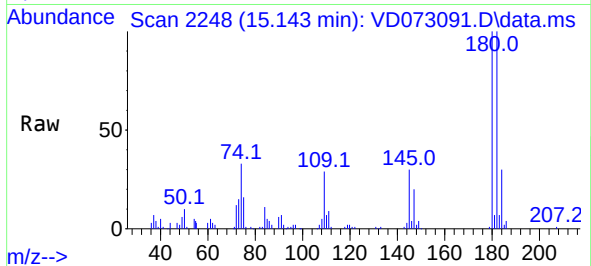
#93
1,2,4-Trichlorobenzene
Concen: 22.246 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01

Tgt Ion:180 Resp: 8842
Ion Ratio Lower Upper
180 100
182 93.5 47.3 142.0
145 30.4 16.2 48.5

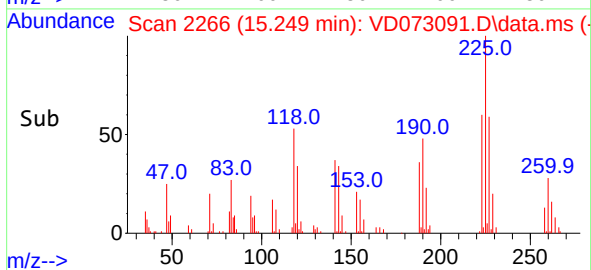
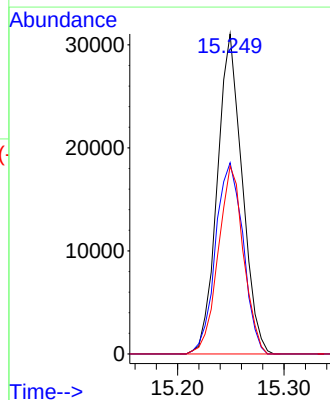
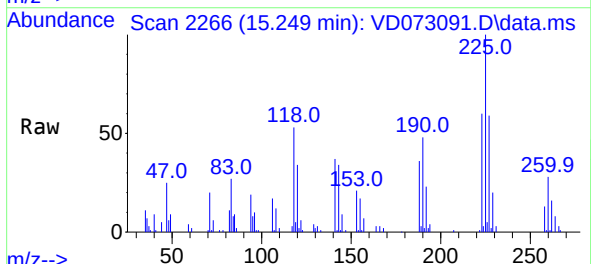
Manual Integrations
APPROVED

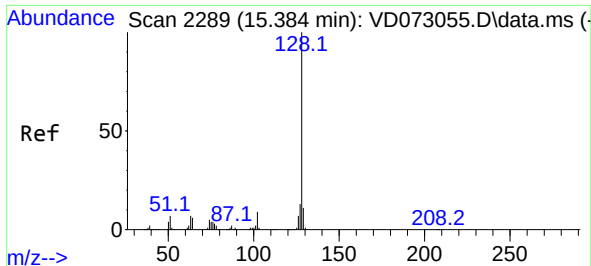
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#94
Hexachlorobutadiene
Concen: 22.710 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

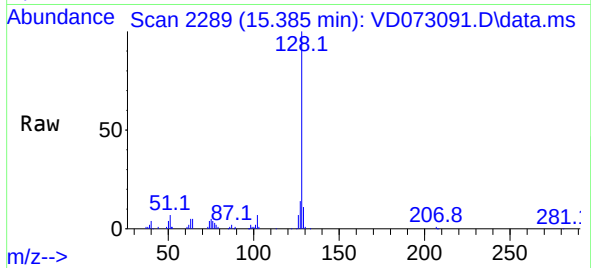
Tgt Ion:225 Resp: 50385
Ion Ratio Lower Upper
225 100
223 66.0 31.1 93.2
227 59.7 32.4 97.0





#95
Naphthalene
Concen: 20.558 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28

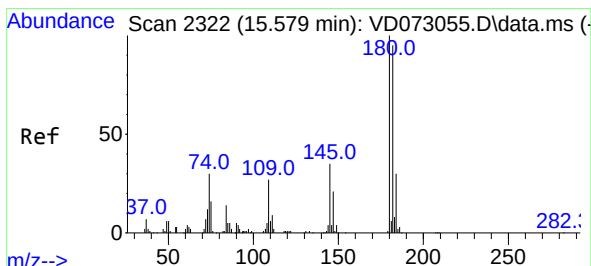
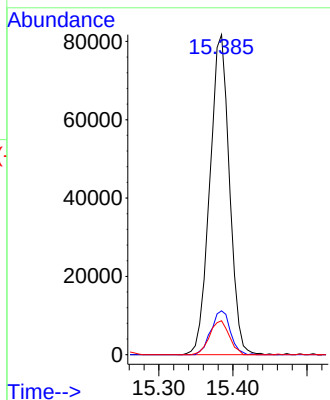
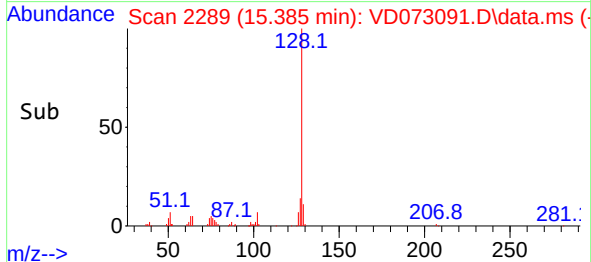
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS01



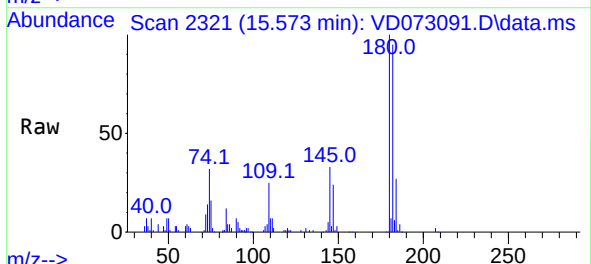
Tgt Ion:128 Resp: 149970
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.6 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.155 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073091.D
Acq: 18 May 2022 11:28



Tgt Ion:180 Resp: 78183
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 33.7 17.1 51.3

