

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078733.D
 Acq On : 21 Mar 2024 19:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:58:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	186544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	183795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111249	107.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 215.460%#	
35) Dibromofluoromethane	7.804	113	127329	106.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 212.020%#	
50) Toluene-d8	10.269	98	500822	113.381	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 226.760%#	
62) 4-Bromofluorobenzene	12.575	95	152778	118.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 236.460%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	50525	49.267	ug/l	99
3) Chloromethane	2.152	50	82878	51.182	ug/l	95
4) Vinyl Chloride	2.287	62	124031	51.924	ug/l	99
5) Bromomethane	2.693	94	108613	47.490	ug/l	98
6) Chloroethane	2.840	64	100153	53.763	ug/l	94
7) Trichlorofluoromethane	3.175	101	95758	50.672	ug/l	99
8) Diethyl Ether	3.599	74	28401	51.475	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	59712	50.348	ug/l	99
10) Methyl Iodide	4.169	142	77924	55.546	ug/l	97
11) Tert butyl alcohol	5.045	59	11874	256.936	ug/l	97
12) 1,1-Dichloroethene	3.940	96	57721	51.197	ug/l #	87
13) Acrolein	3.799	56	12532	173.110	ug/l	99
14) Allyl chloride	4.563	41	68600	54.531	ug/l	98
15) Acrylonitrile	5.263	53	62528	281.124	ug/l	99
16) Acetone	4.022	43	48135	241.052	ug/l	90
17) Carbon Disulfide	4.275	76	182492	49.376	ug/l	99
18) Methyl Acetate	4.569	43	25717	60.010	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	126573	55.670	ug/l	100
20) Methylene Chloride	4.804	84	79342	59.174	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	69909	52.551	ug/l	96
22) Diisopropyl ether	6.216	45	163262	57.082	ug/l	94
23) Vinyl Acetate	6.157	43	473057	282.758	ug/l	98
24) 1,1-Dichloroethane	6.116	63	117106	54.611	ug/l	99
25) 2-Butanone	7.081	43	70174	264.323	ug/l	94
26) 2,2-Dichloropropane	7.081	77	94440	52.055	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	82882	54.624	ug/l	99
28) Bromochloromethane	7.428	49	43341	56.692	ug/l	99
29) Tetrahydrofuran	7.445	42	42065	291.311	ug/l	98
30) Chloroform	7.598	83	131928	55.179	ug/l	97
31) Cyclohexane	7.881	56	85867	49.471	ug/l	98
32) 1,1,1-Trichloroethane	7.798	97	109638	54.047	ug/l	100
36) 1,1-Dichloropropene	8.010	75	94079	53.986	ug/l	99
37) Ethyl Acetate	7.169	43	29936	52.584	ug/l	97
38) Carbon Tetrachloride	7.992	117	98892	53.828	ug/l	97
39) Methylcyclohexane	9.281	83	108113	53.480	ug/l	94
40) Benzene	8.251	78	292332	55.494	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	13645	45.736	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	72585	56.501	ug/l	98
43) Isopropyl Acetate	8.363	43	58195	56.209	ug/l #	84
44) Trichloroethene	9.034	130	75039	52.490	ug/l	87
45) 1,2-Dichloropropane	9.304	63	70882	56.722	ug/l	100
46) Dibromomethane	9.392	93	41533	55.444	ug/l	96
47) Bromodichloromethane	9.586	83	101059	56.670	ug/l	95
48) Methyl methacrylate	9.381	41	26045	51.628	ug/l	94
49) 1,4-Dioxane	9.386	88	6667	961.244	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	157110	290.263	ug/l	100
52) Toluene	10.333	92	189856	55.980	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	90589	55.560	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	112272	57.280	ug/l	97
55) 1,1,2-Trichloroethane	10.733	97	55861	55.687	ug/l	96
56) Ethyl methacrylate	10.598	69	58153	57.828	ug/l	98
57) 1,3-Dichloropropane	10.880	76	91918	56.788	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	148372	334.612	ug/l	97
59) 2-Hexanone	10.922	43	110836	276.229	ug/l	99
60) Dibromochloromethane	11.075	129	69135	55.886	ug/l	98
61) 1,2-Dibromoethane	11.180	107	55194	56.855	ug/l	99
64) Tetrachloroethene	10.810	164	64483	53.017	ug/l	95
65) Chlorobenzene	11.604	112	200706	52.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	77298	54.954	ug/l	98
67) Ethyl Benzene	11.680	91	363044	55.470	ug/l	98
68) m/p-Xylenes	11.792	106	294163	110.684	ug/l	99
69) o-Xylene	12.122	106	135461	55.089	ug/l	96
70) Styrene	12.133	104	239487	58.026	ug/l	99
71) Bromoform	12.298	173	42940	56.489	ug/l #	91
73) Isopropylbenzene	12.422	105	352900	53.679	ug/l	99
74) N-amyl acetate	12.233	43	56092	52.551	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	62647	51.476	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	75177	97.722	ug/l #	100
77) Bromobenzene	12.698	156	86432	53.013	ug/l	99
78) n-propylbenzene	12.763	91	430766	53.830	ug/l	100
79) 2-Chlorotoluene	12.851	91	234265	53.363	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	295359	54.328	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	19438	52.965	ug/l	98
82) 4-Chlorotoluene	12.945	91	242325	52.188	ug/l	100
83) tert-Butylbenzene	13.169	119	256893	54.802	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	307245	56.080	ug/l	100
85) sec-Butylbenzene	13.345	105	388069	54.704	ug/l	99
86) p-Isopropyltoluene	13.457	119	334381	55.061	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	183327	53.284	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	177779	52.431	ug/l	100
89) n-Butylbenzene	13.786	91	302423	55.140	ug/l	99
90) Hexachloroethane	14.051	117	64651	51.450	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	152668	51.521	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8744	53.709	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	90198	52.157	ug/l	95
94) Hexachlorobutadiene	15.204	225	46649	49.826	ug/l	98
95) Naphthalene	15.333	128	160491	53.378	ug/l	96
96) 1,2,3-Trichlorobenzene	15.521	180	78799	52.669	ug/l	98

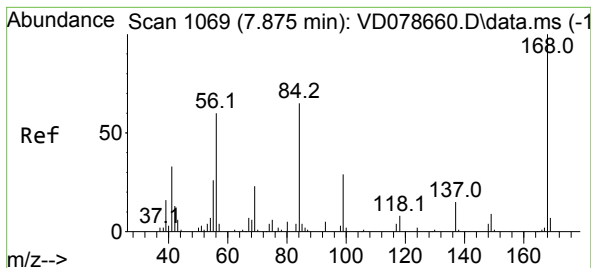
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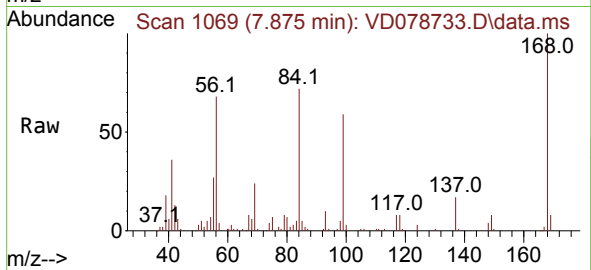
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

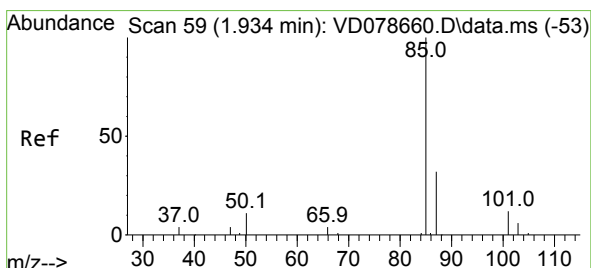
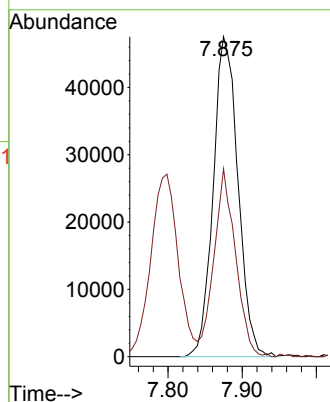
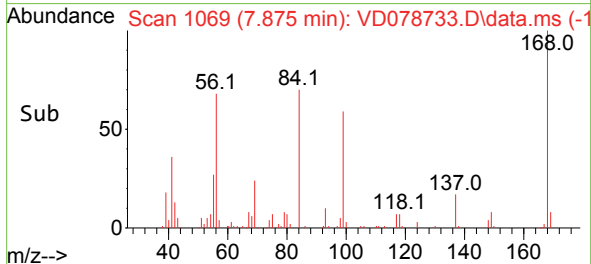


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

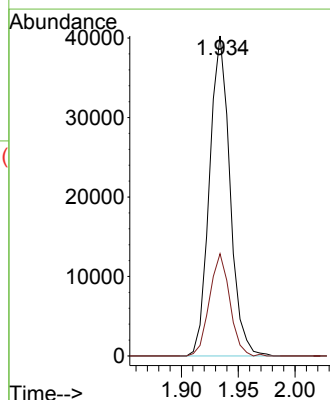
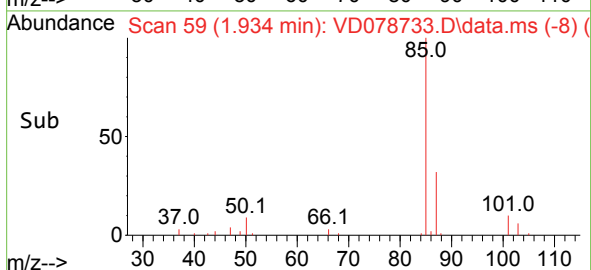
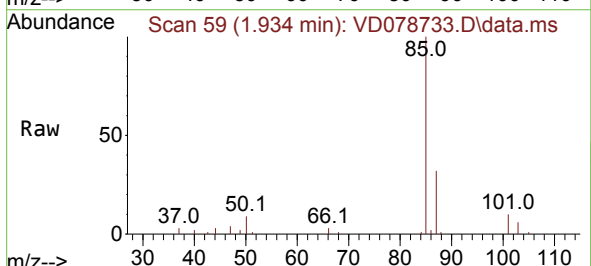


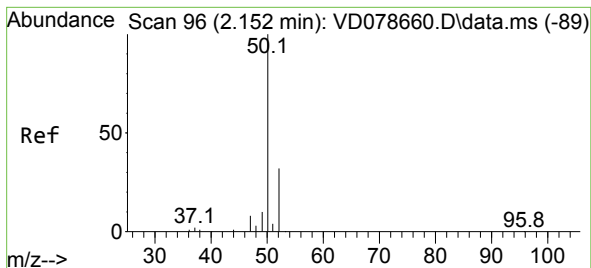
Tgt Ion:168 Resp: 110189
Ion Ratio Lower Upper
168 100
99 57.9 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 49.267 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 85 Resp: 50525
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.5





#3

Chloromethane

Concen: 51.182 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

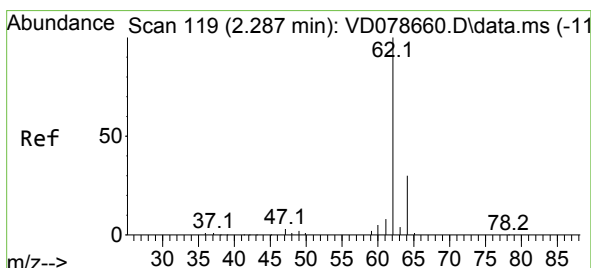
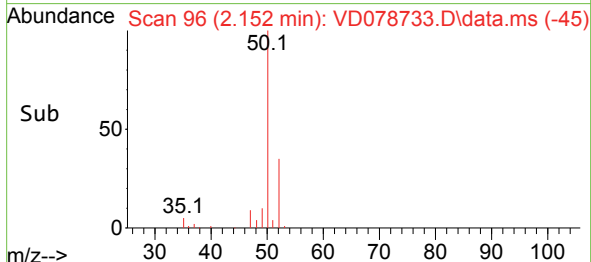
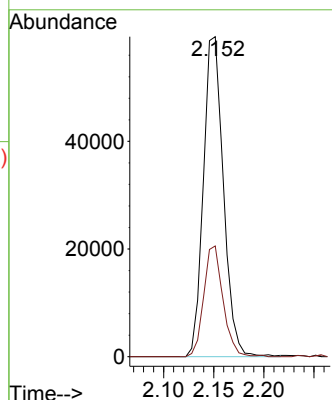
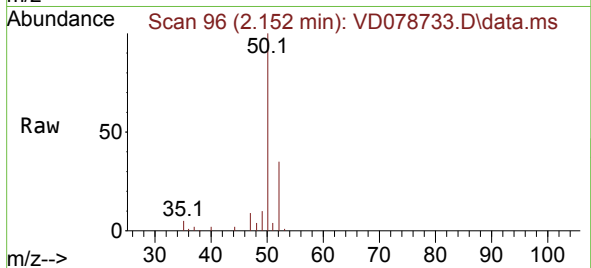
ClientSampleId :

Tgt Ion: 50 Resp: 82878

Ion Ratio Lower Upper

50 100

52 34.6 25.6 38.4



#4

Vinyl Chloride

Concen: 51.924 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078733.D

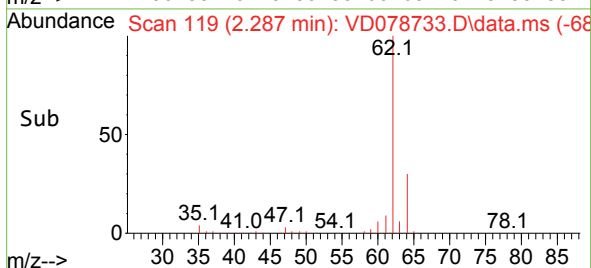
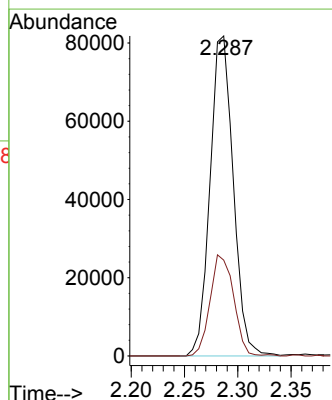
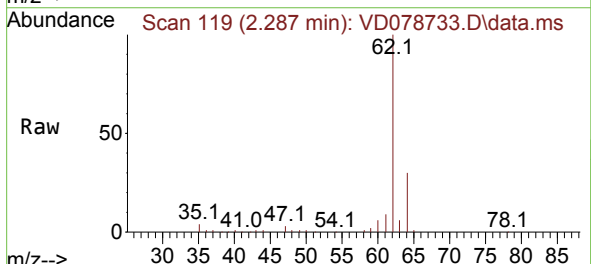
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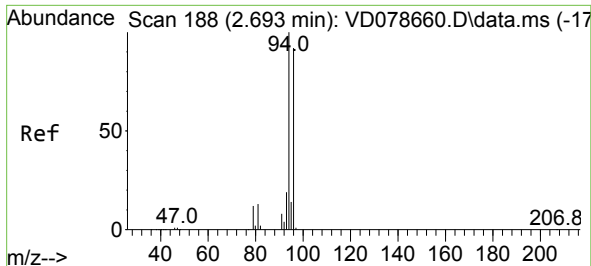
Tgt Ion: 62 Resp: 124031

Ion Ratio Lower Upper

62 100

64 29.9 23.7 35.5

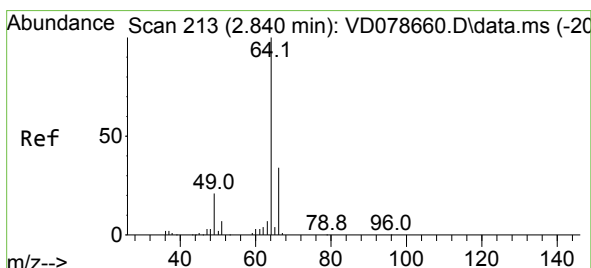
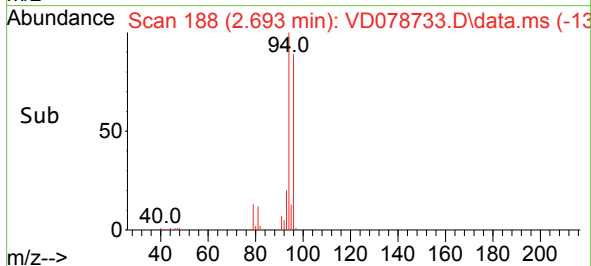
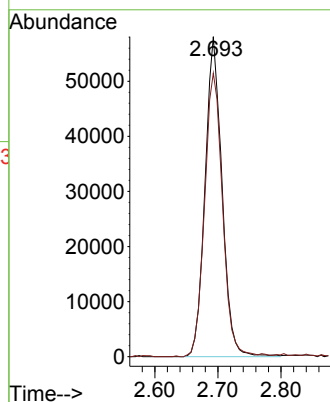
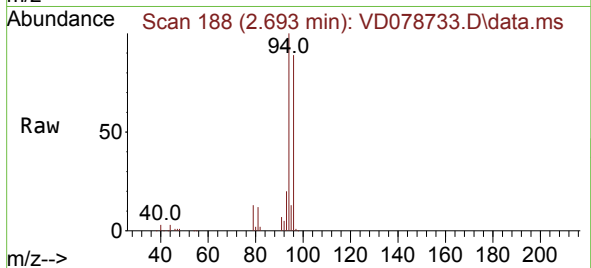




#5
Bromomethane
Concen: 47.490 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

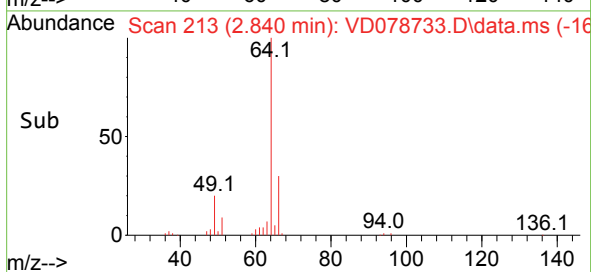
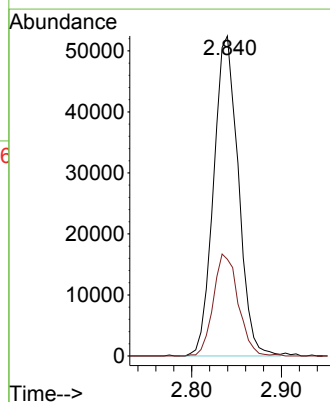
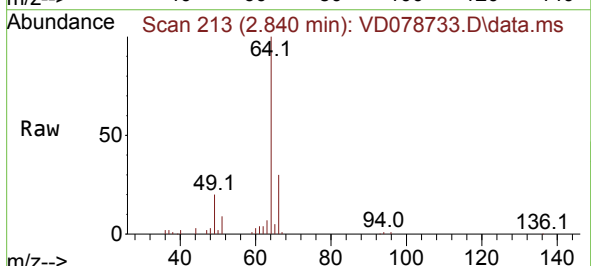
Instrument :
MSVOA_D
ClientSampleId :

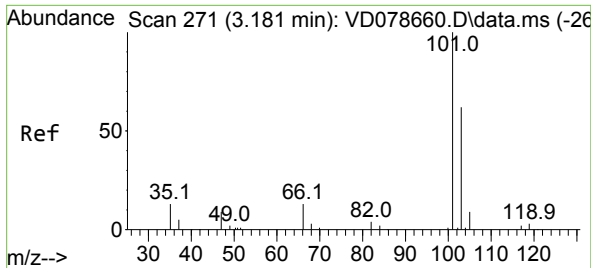
Tgt Ion: 94 Resp: 108613
Ion Ratio Lower Upper
94 100
96 93.5 73.5 110.3



#6
Chloroethane
Concen: 53.763 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 64 Resp: 100153
Ion Ratio Lower Upper
64 100
66 30.2 26.8 40.2

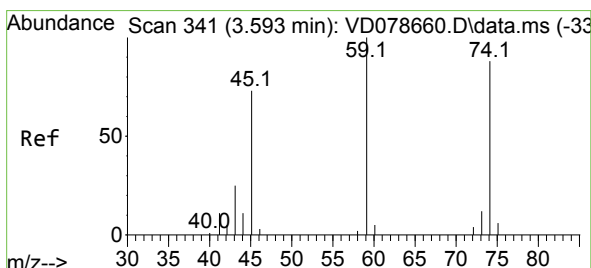
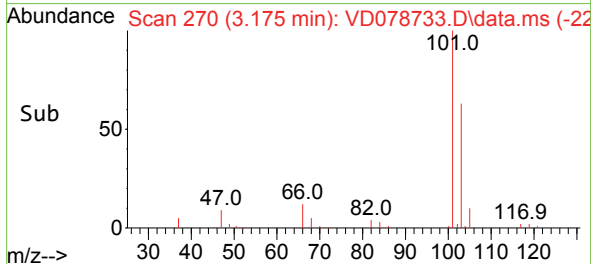
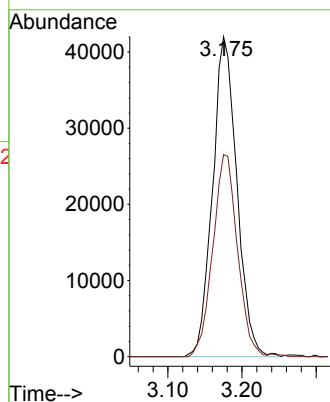
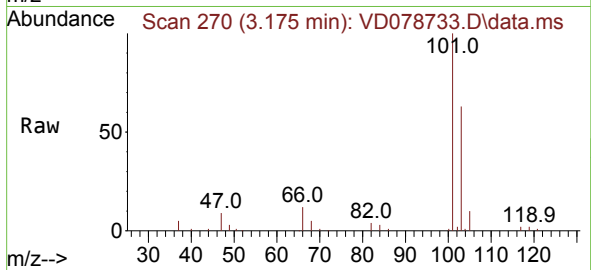




#7
Trichlorofluoromethane
Concen: 50.672 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

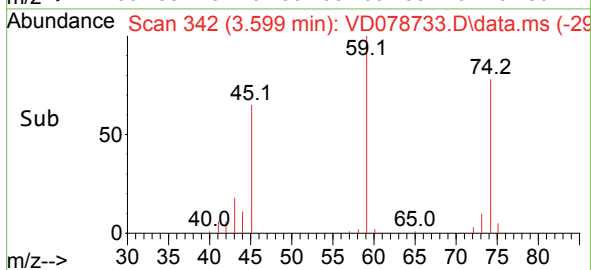
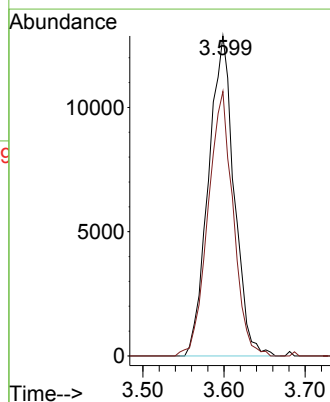
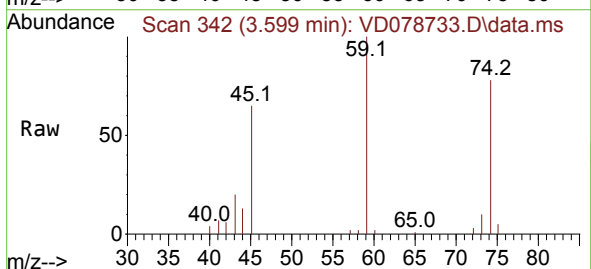
Instrument :
MSVOA_D
ClientSampleId :

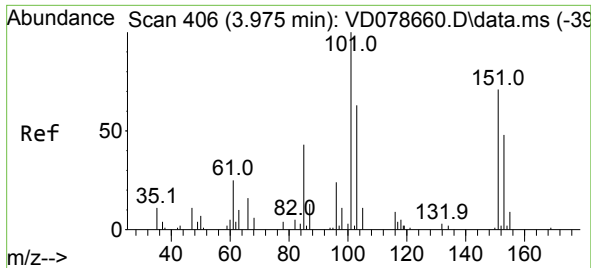
Tgt Ion:101 Resp: 95758
Ion Ratio Lower Upper
101 100
103 63.2 49.7 74.5



#8
Diethyl Ether
Concen: 51.475 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 74 Resp: 28401
Ion Ratio Lower Upper
74 100
45 80.6 42.4 127.3

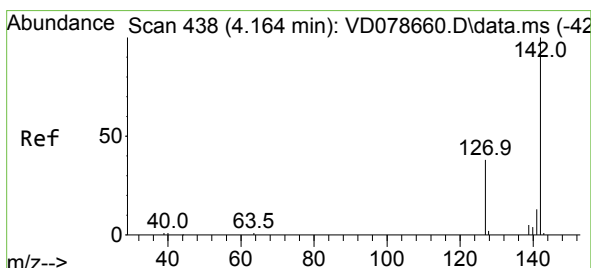
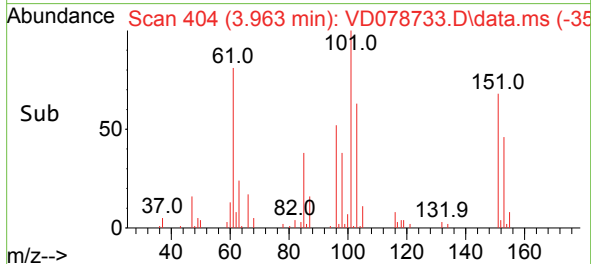
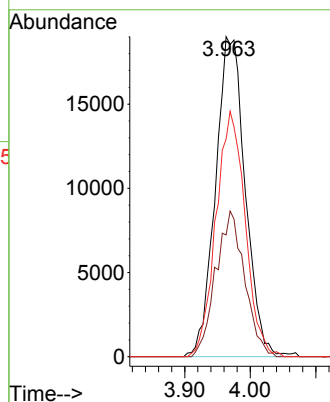
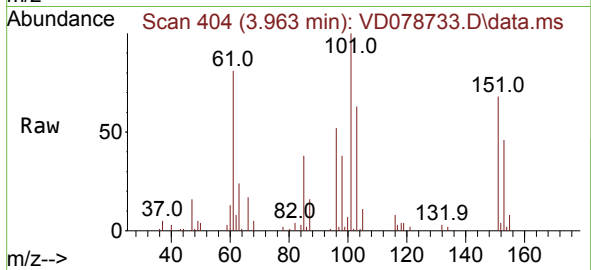




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.348 ug/l
RT: 3.963 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078733.D
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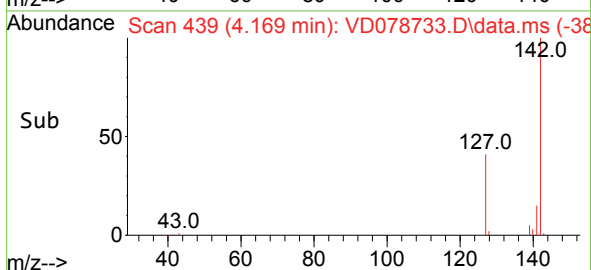
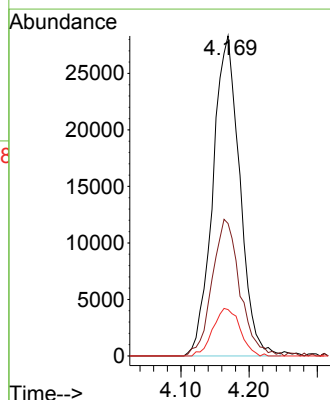
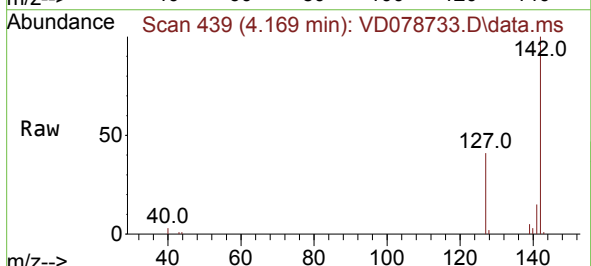
Instrument :
MSVOA_D
ClientSampleId :

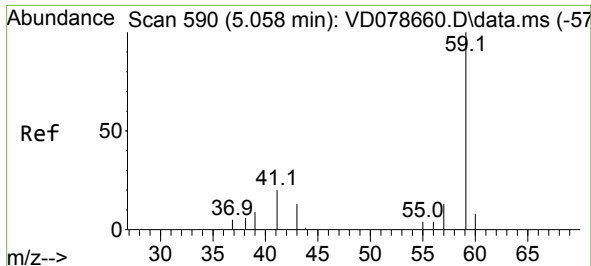
Tgt Ion:101 Resp: 59712
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.6
151 75.4 59.4 89.2



#10
Methyl Iodide
Concen: 55.546 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion:142 Resp: 77924
Ion Ratio Lower Upper
142 100
127 44.0 33.5 50.3
141 15.0 11.7 17.5

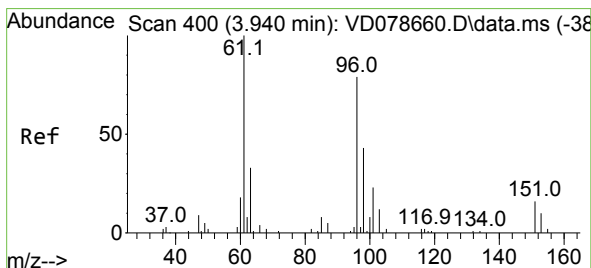
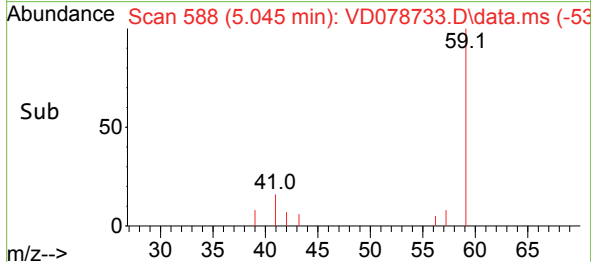
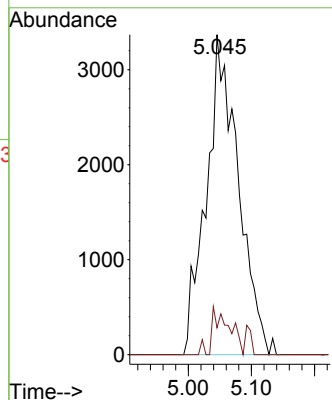
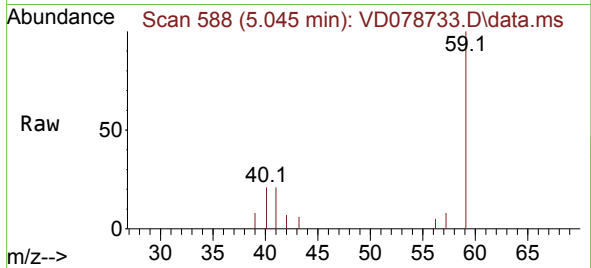




#11
Tert butyl alcohol
Concen: 256.936 ug/l
RT: 5.045 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

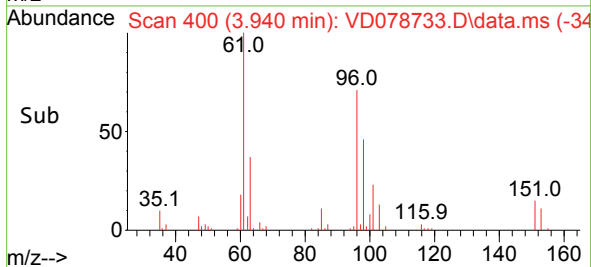
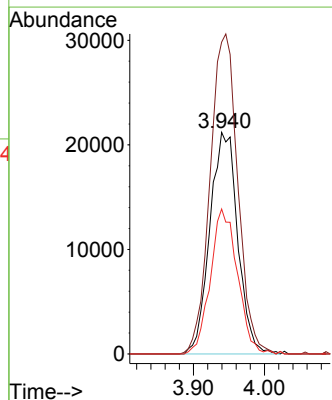
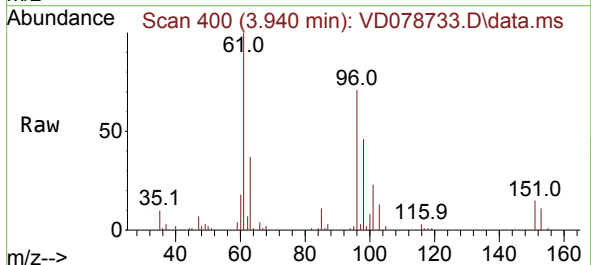
Instrument :
MSVOA_D
ClientSampleId :

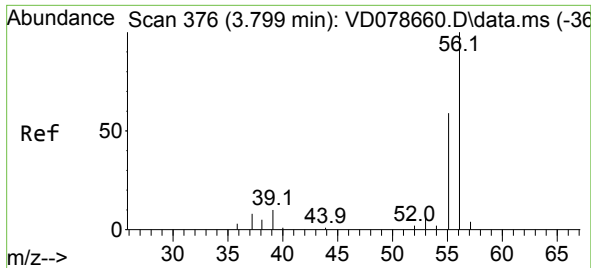
Tgt Ion: 59 Resp: 11874
Ion Ratio Lower Upper
59 100
57 8.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.197 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 96 Resp: 57721
Ion Ratio Lower Upper
96 100
61 140.7 101.4 152.0
98 65.4 43.4 65.0#





#13

Acrolein

Concen: 173.110 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

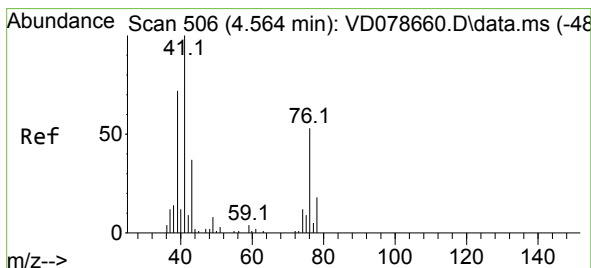
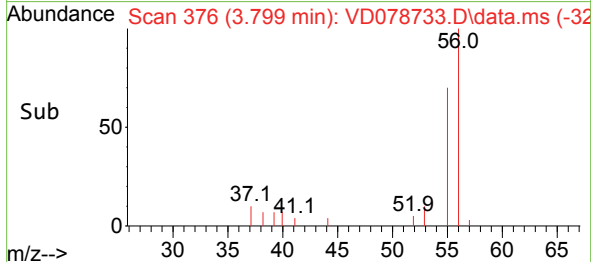
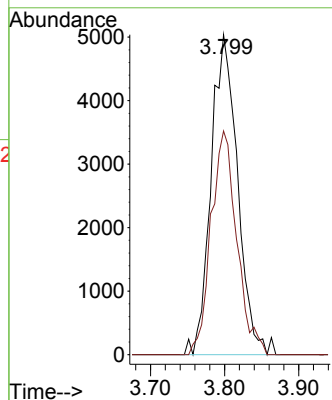
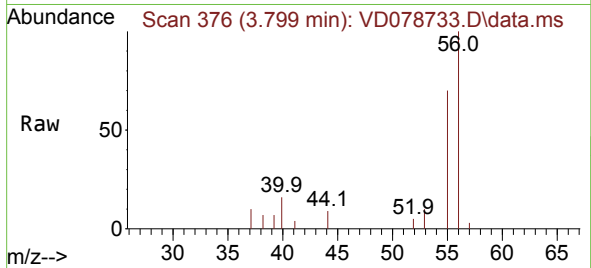
ClientSampleId :

Tgt Ion: 56 Resp: 12532

Ion Ratio Lower Upper

56 100

55 67.9 54.9 82.3



#14

Allyl chloride

Concen: 54.531 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

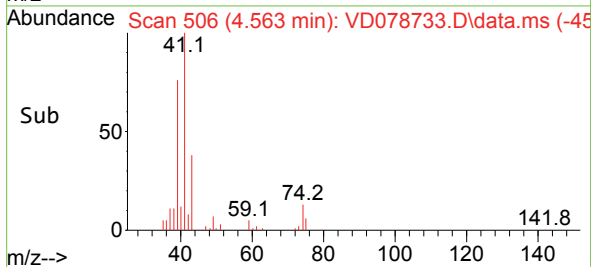
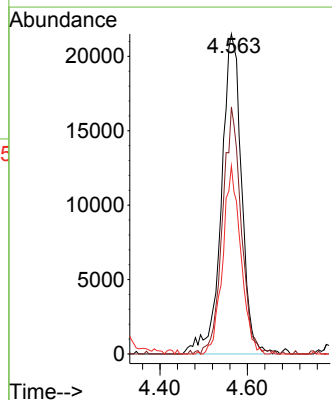
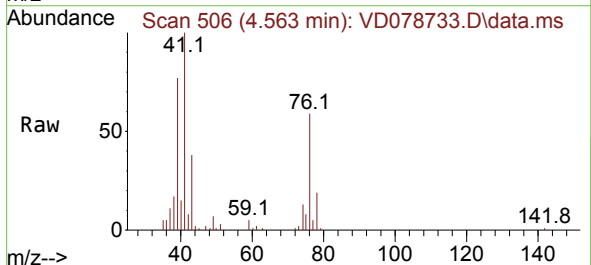
Tgt Ion: 41 Resp: 68600

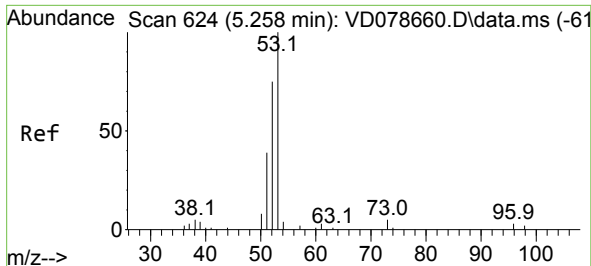
Ion Ratio Lower Upper

41 100

39 71.9 57.8 86.6

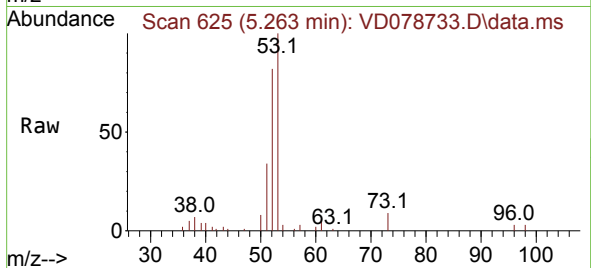
76 52.5 44.8 67.2



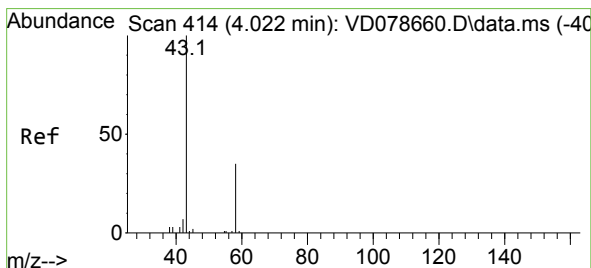
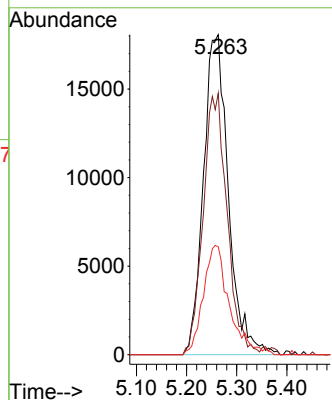


#15
Acrylonitrile
Concen: 281.124 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

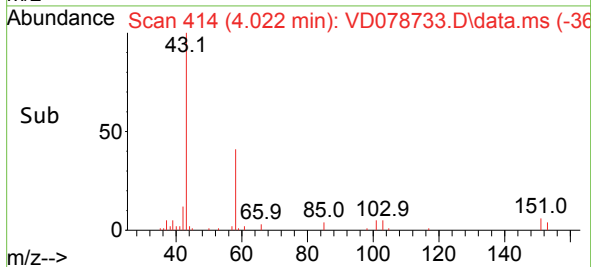
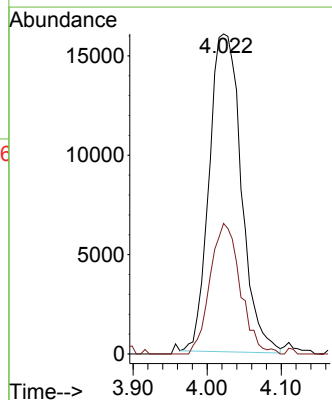
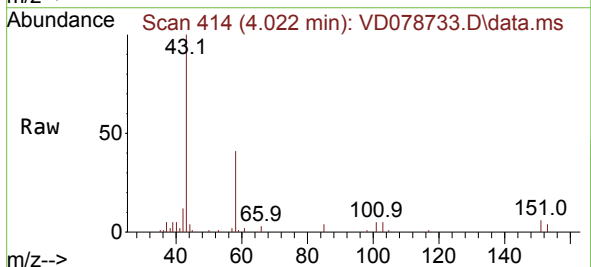


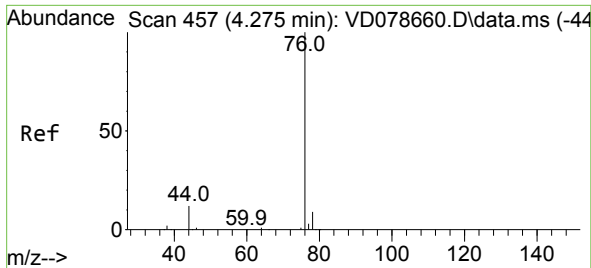
Tgt Ion	Ratio	Lower	Upper
53	100		
52	78.5	61.9	92.9
51	35.6	29.0	43.4



#16
Acetone
Concen: 241.052 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.2	28.2	42.4

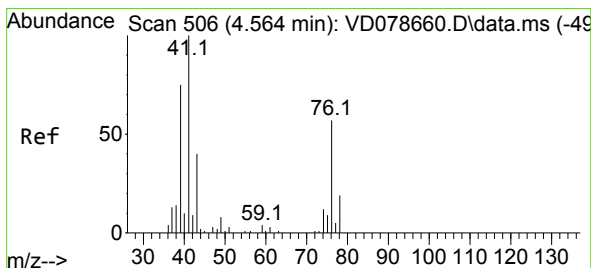
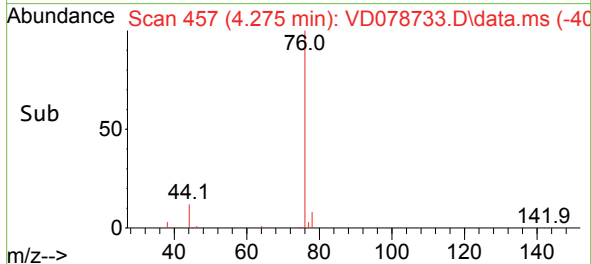
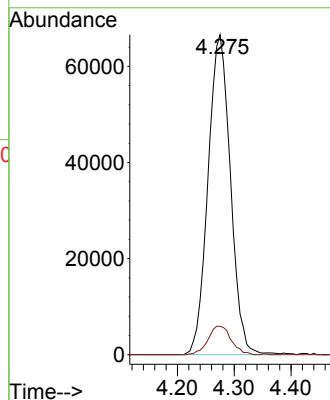
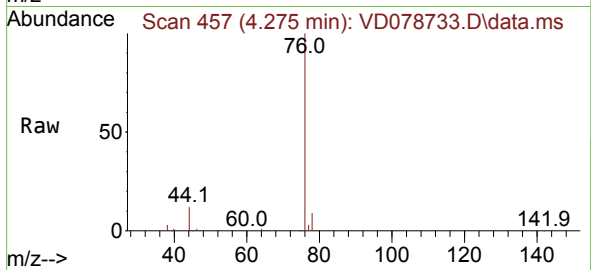




#17
Carbon Disulfide
Concen: 49.376 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

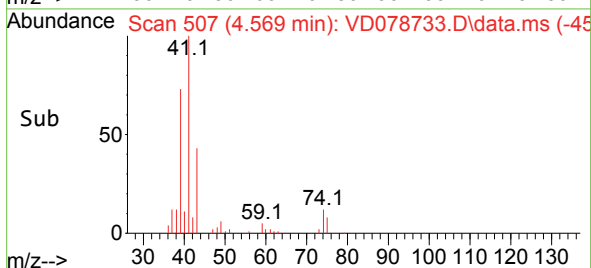
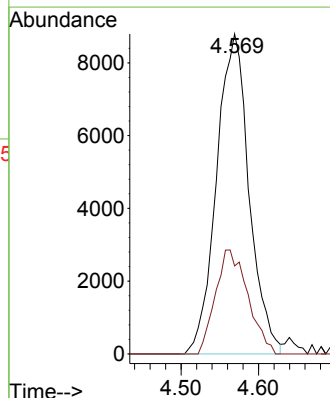
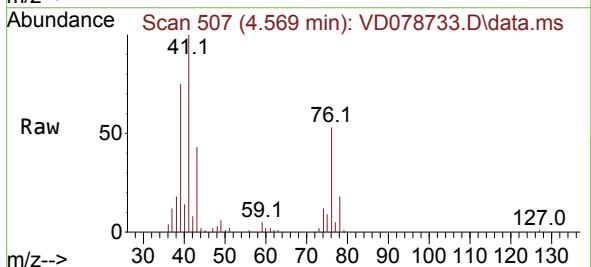
Instrument :
MSVOA_D
ClientSampleId :

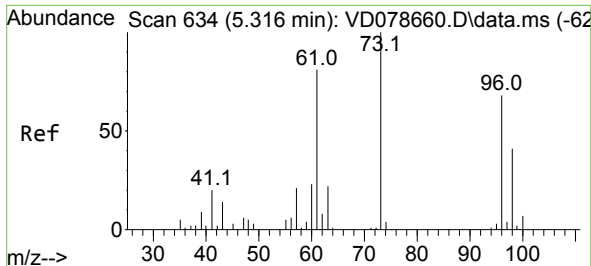
Tgt Ion: 76 Resp: 182492
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 60.010 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 43 Resp: 25717
Ion Ratio Lower Upper
43 100
74 32.3 25.3 37.9

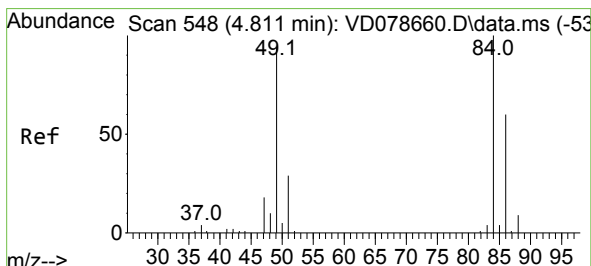
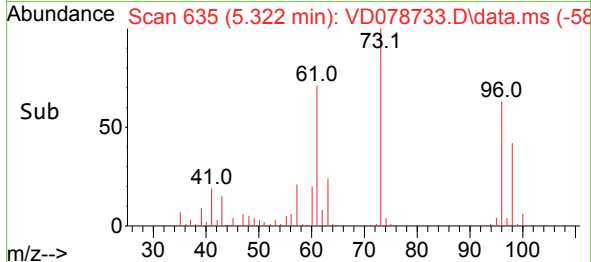
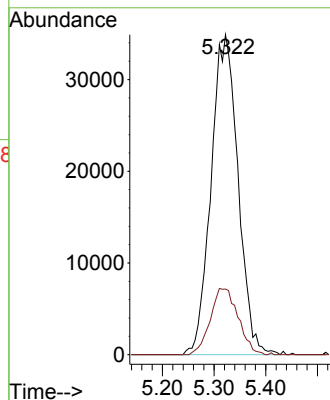
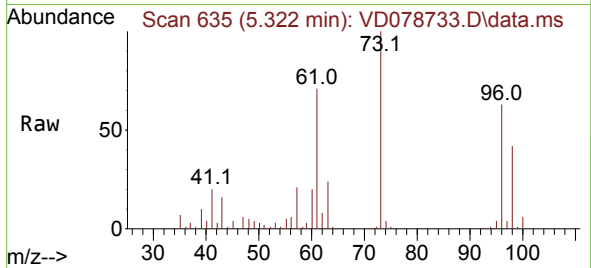




#19
Methyl tert-butyl Ether
Concen: 55.670 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

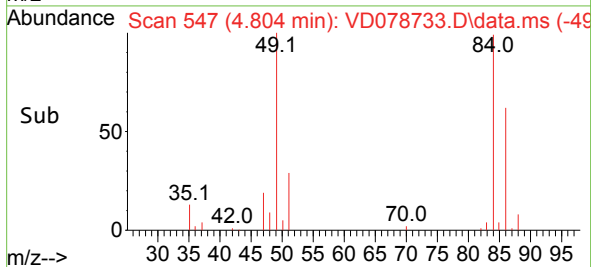
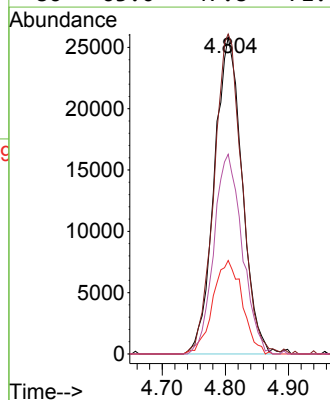
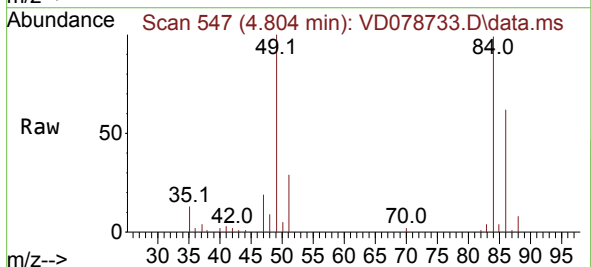
Instrument :
MSVOA_D
ClientSampleId :

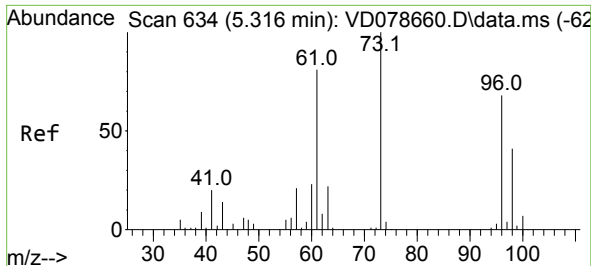
Tgt Ion: 73 Resp: 126573
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 59.174 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.007 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

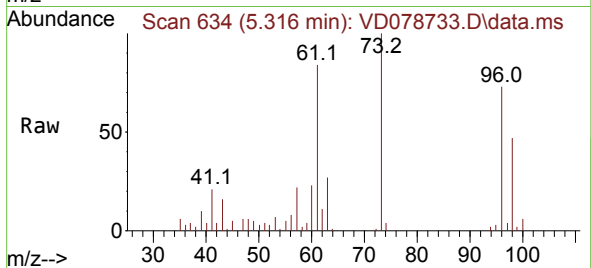
Tgt Ion: 84 Resp: 79342
Ion Ratio Lower Upper
84 100
49 101.0 75.6 113.4
51 29.5 23.4 35.0
86 63.0 47.8 71.6



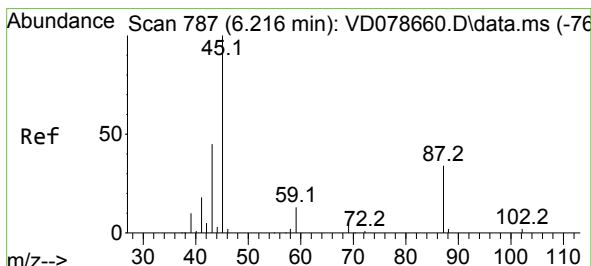
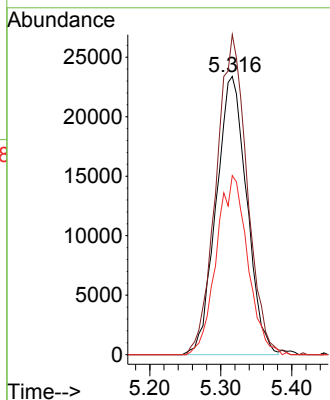
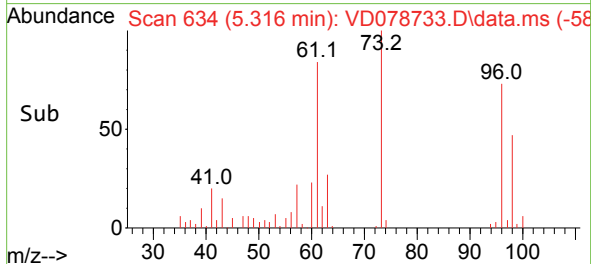


#21
trans-1,2-Dichloroethene
Concen: 52.551 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

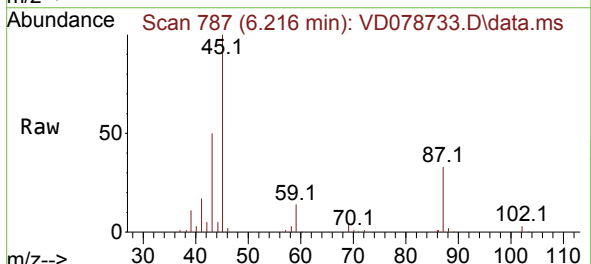
Instrument :
MSVOA_D
ClientSampleId :



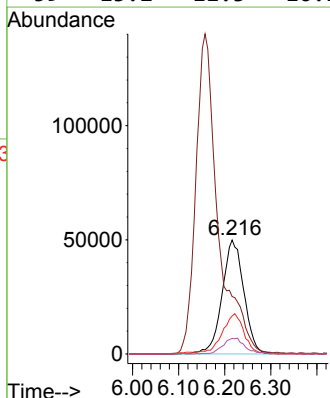
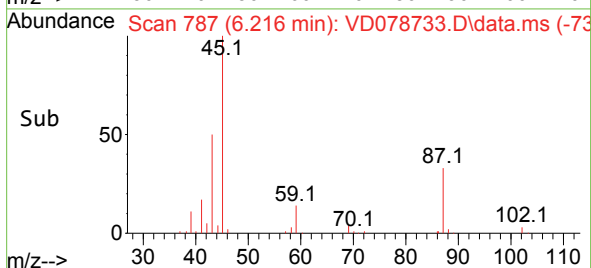
Tgt Ion:	96	Resp:	69909
Ion	Ratio	Lower	Upper
96	100		
61	115.0	96.1	144.1
98	64.3	48.9	73.3

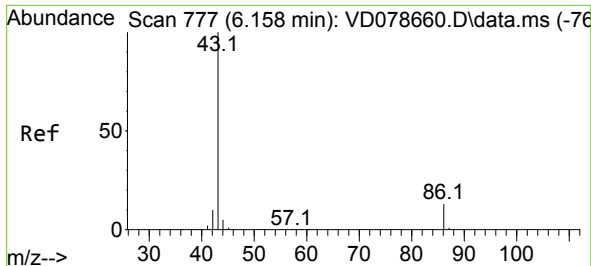


#22
Diisopropyl ether
Concen: 57.082 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25



Tgt Ion:	45	Resp:	163262
Ion	Ratio	Lower	Upper
45	100		
43	49.3	44.3	66.5
87	33.2	28.3	42.5
59	13.2	11.3	16.9

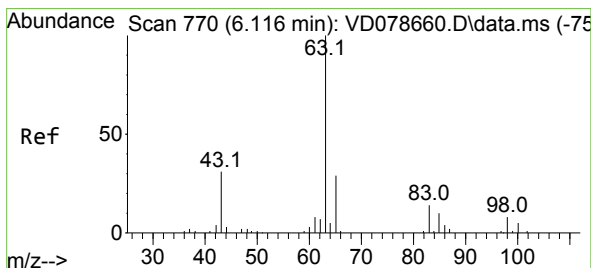
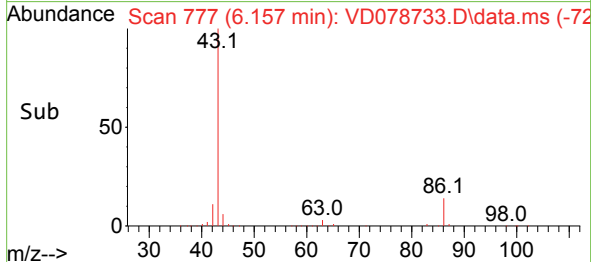
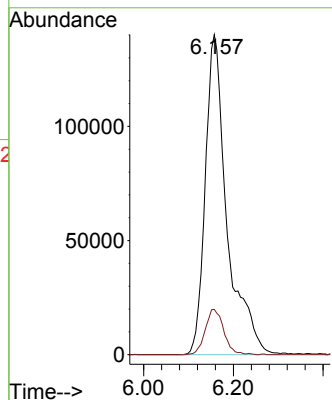
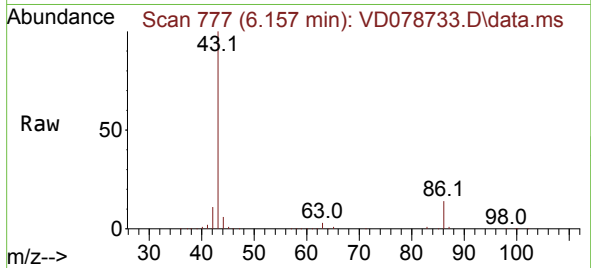




#23
 Vinyl Acetate
 Concen: 282.758 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

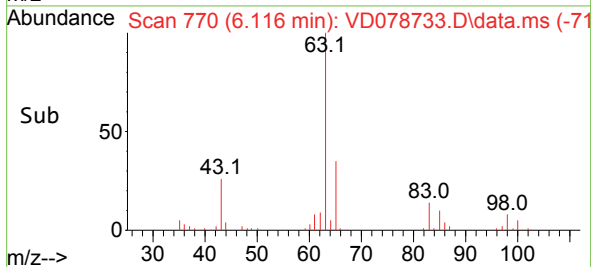
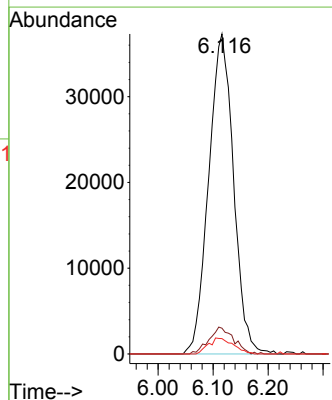
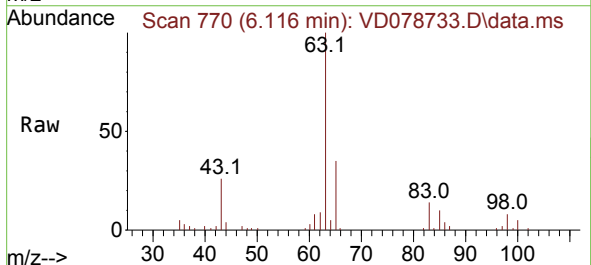
Instrument :
 MSVOA_D
 ClientSampleId :

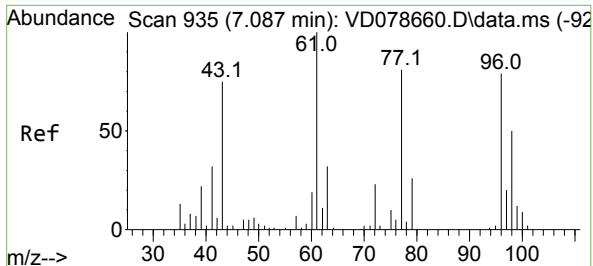
Tgt Ion: 43 Resp: 473057
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 54.611 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

Tgt Ion: 63 Resp: 117106
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 4.8 2.7 8.1





#25

2-Butanone

Concen: 264.323 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

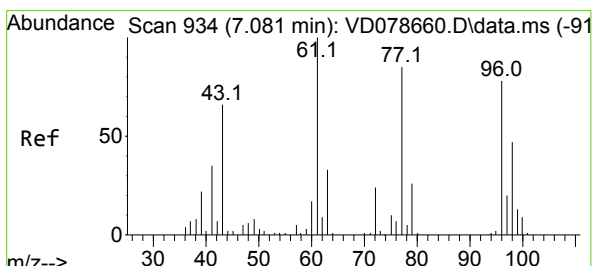
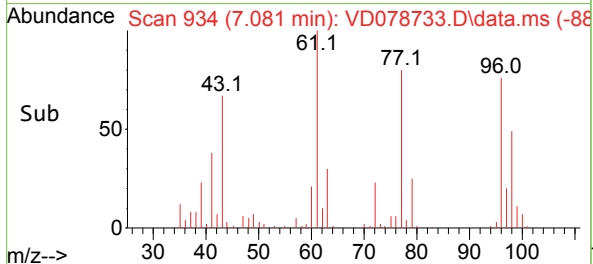
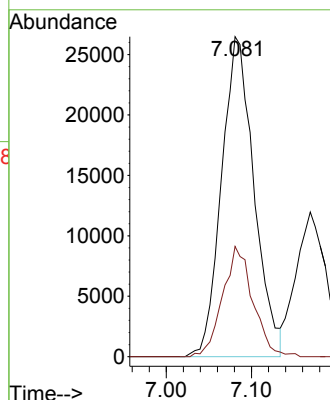
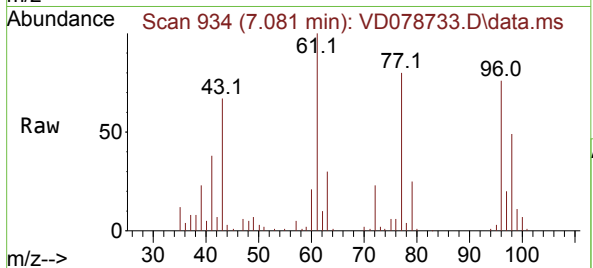
ClientSampleId :

Tgt Ion: 43 Resp: 70174

Ion Ratio Lower Upper

43 100

72 34.4 25.0 37.6



#26

2,2-Dichloropropane

Concen: 52.055 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078733.D

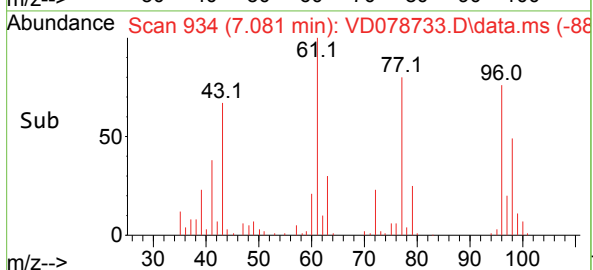
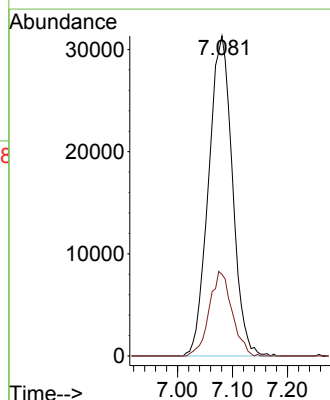
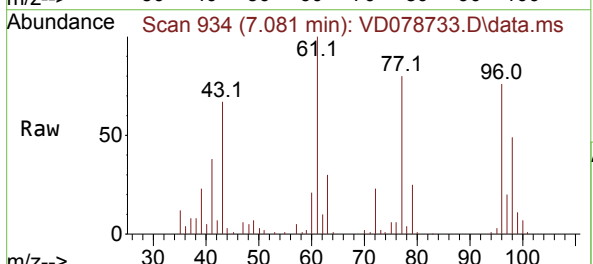
Acq: 21 Mar 2024 19:25

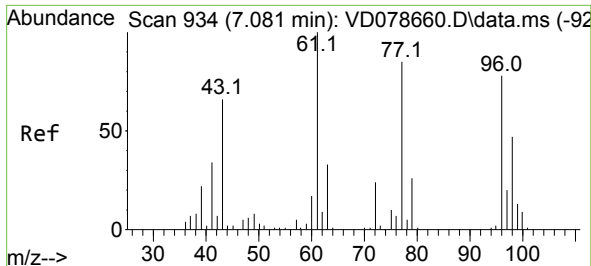
Tgt Ion: 77 Resp: 94440

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.0

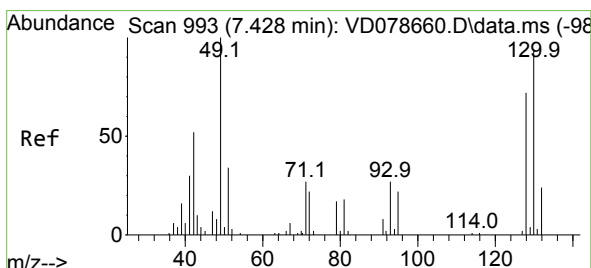
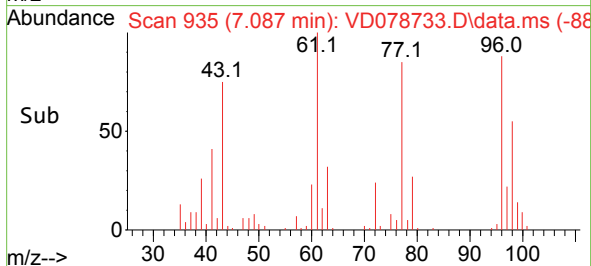
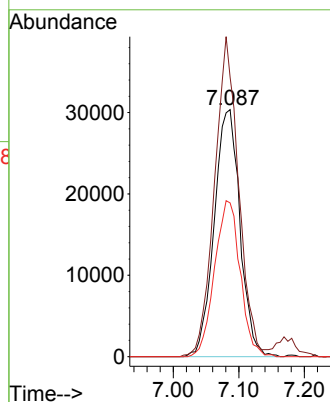
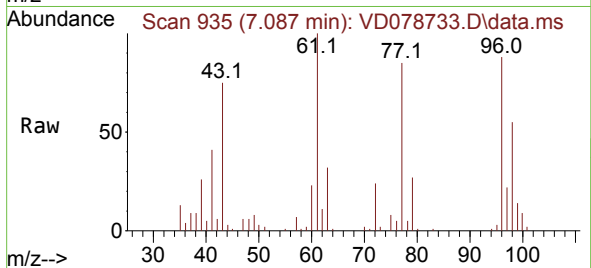




#27
 cis-1,2-Dichloroethene
 Concen: 54.624 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

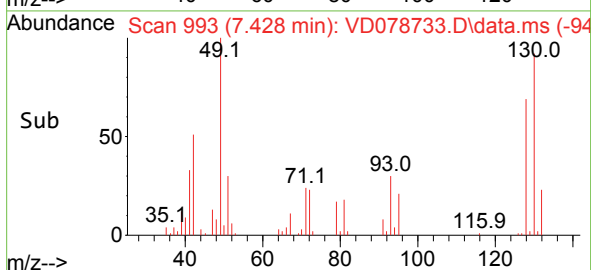
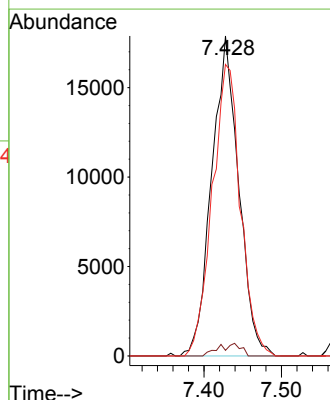
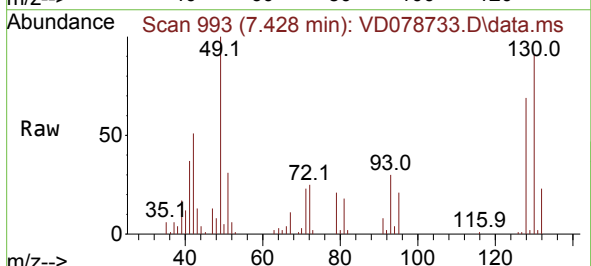
Instrument :
 MSVOA_D
 ClientSampleId :

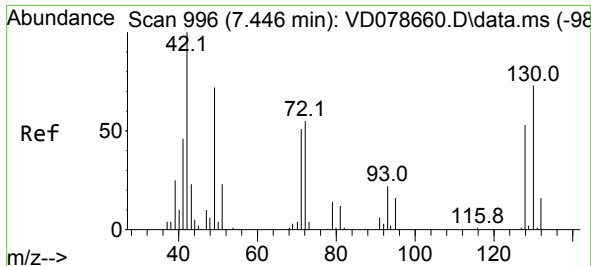
Tgt Ion: 96 Resp: 82882
 Ion Ratio Lower Upper
 96 100
 61 121.3 0.0 245.0
 98 62.6 0.0 126.6



#28
 Bromochloromethane
 Concen: 56.692 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

Tgt Ion: 49 Resp: 43341
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 6.2
 130 94.9 77.1 115.7





#29

Tetrahydrofuran

Concen: 291.311 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078733.D

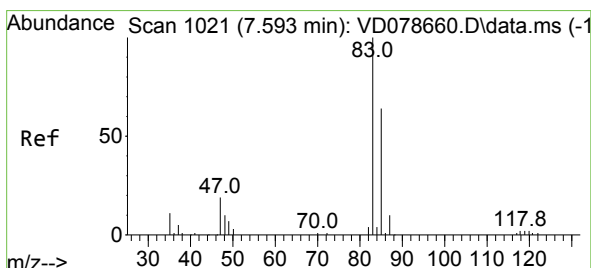
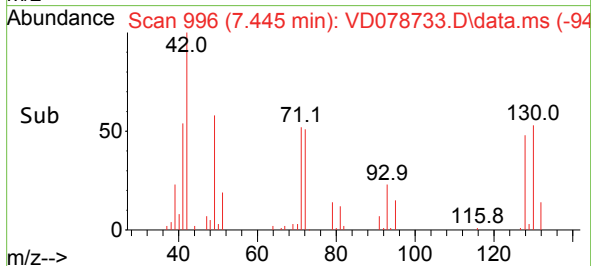
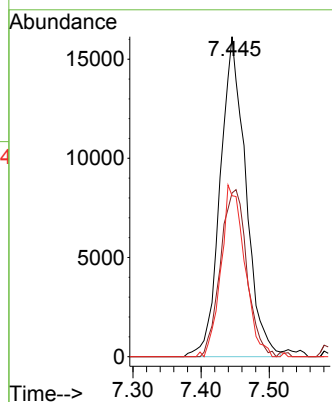
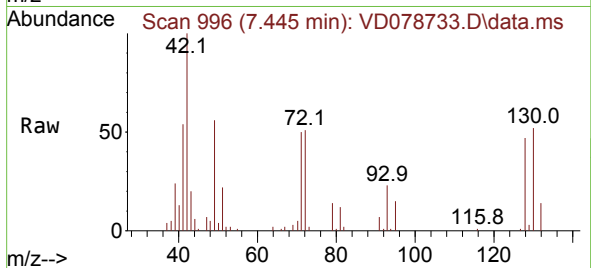
Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 42	Resp: 42065
Ion Ratio	Lower Upper
42 100	
72 54.1	43.8 65.6
71 49.8	42.0 63.0



#30

Chloroform

Concen: 55.179 ug/l

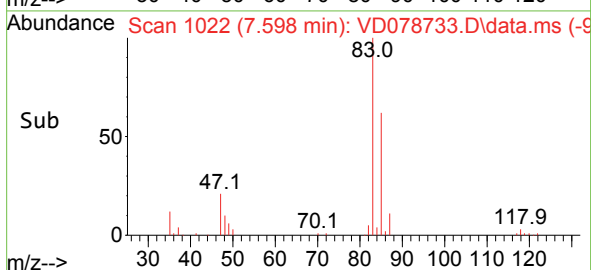
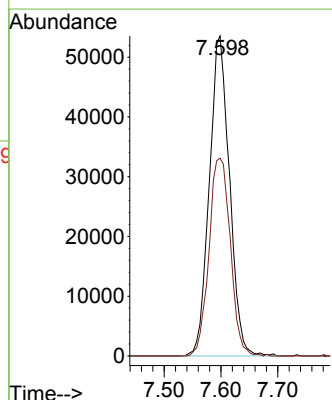
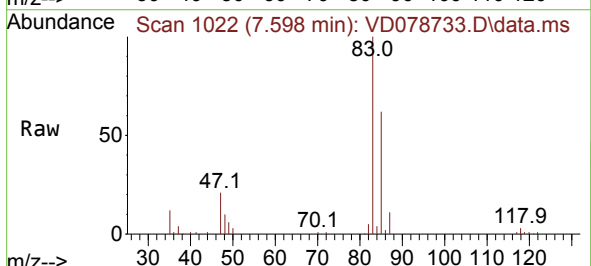
RT: 7.598 min Scan# 1022

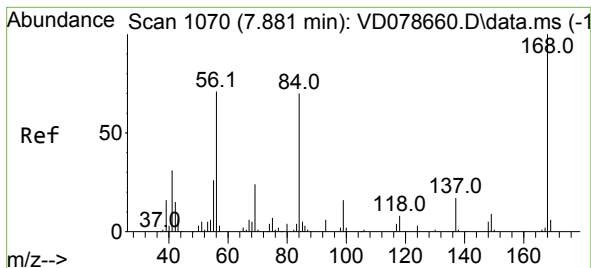
Delta R.T. 0.005 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Tgt Ion: 83	Resp: 131928
Ion Ratio	Lower Upper
83 100	
85 61.8	51.2 76.8





#31

Cyclohexane

Concen: 49.471 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

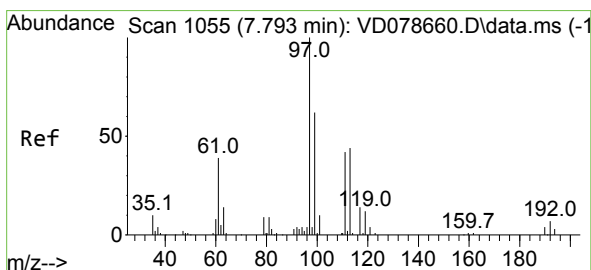
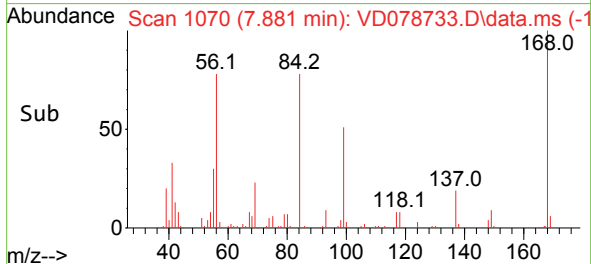
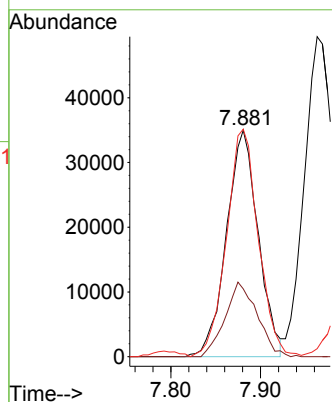
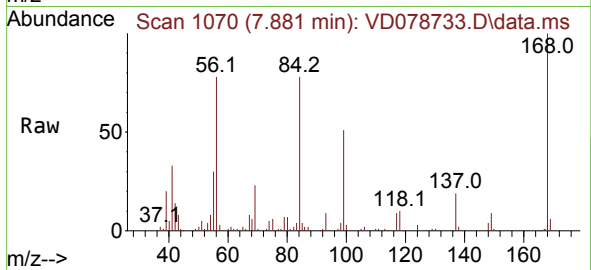
Tgt Ion: 56 Resp: 85867

Ion Ratio Lower Upper

56 100

69 30.0 26.6 40.0

84 99.2 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 54.047 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. 0.005 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

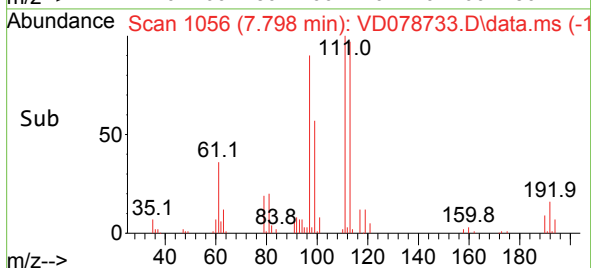
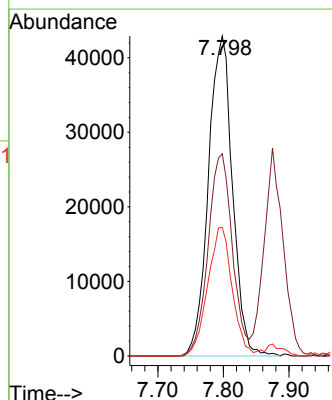
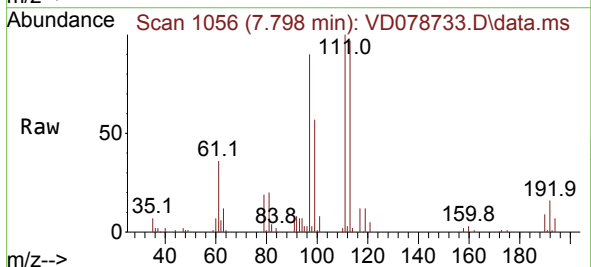
Tgt Ion: 97 Resp: 109638

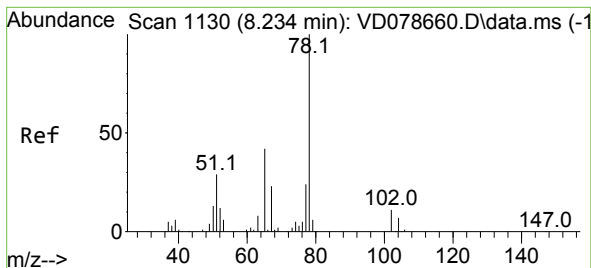
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 40.9 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 107.731 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

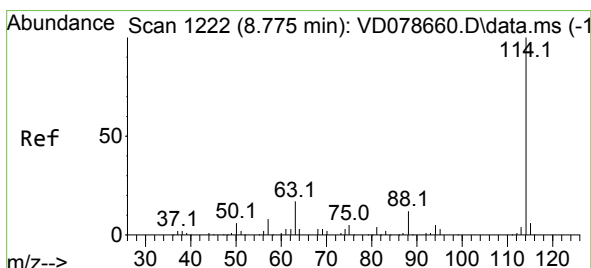
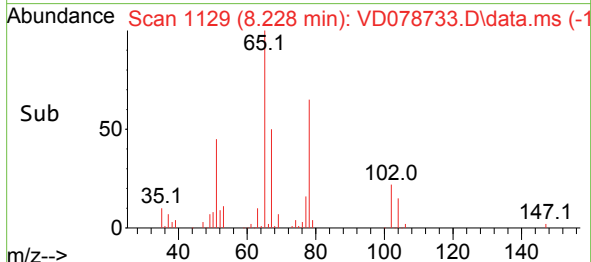
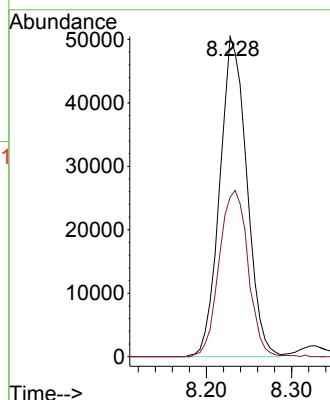
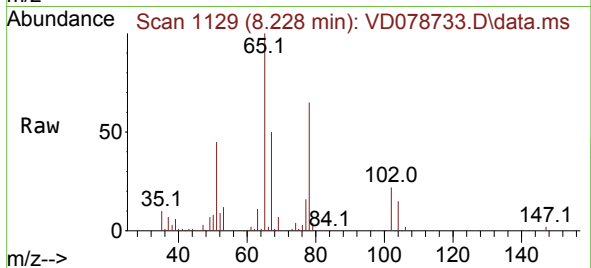
ClientSampleId :

Tgt Ion: 65 Resp: 111249

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.005 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

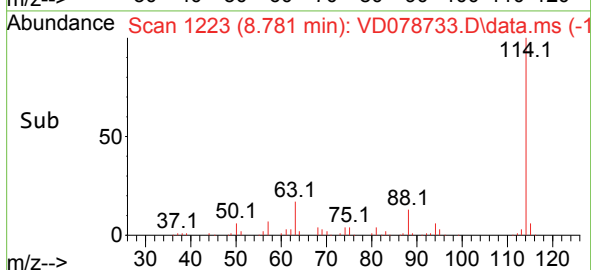
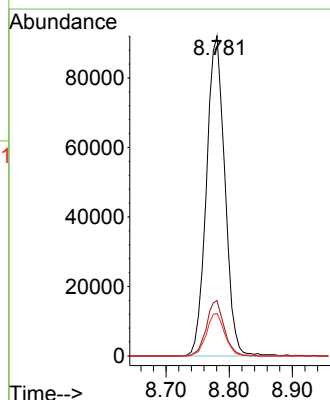
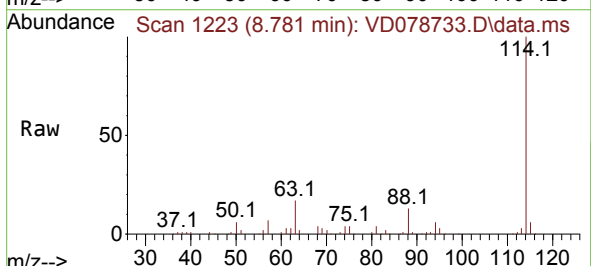
Tgt Ion:114 Resp: 186544

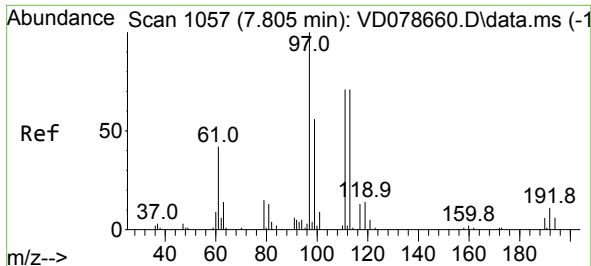
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

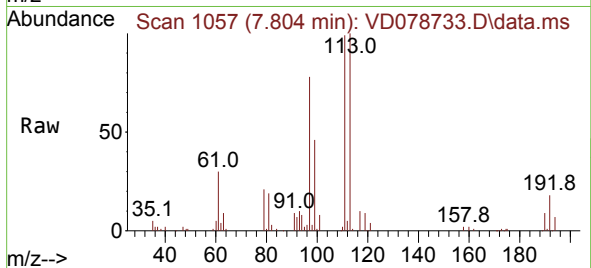
88 13.3 0.0 24.6



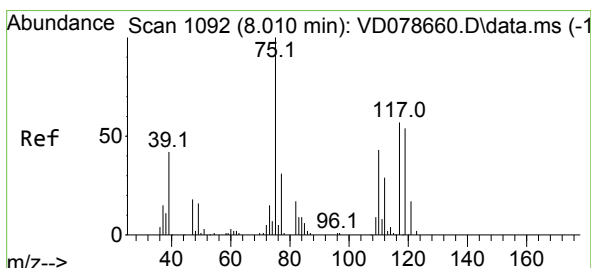
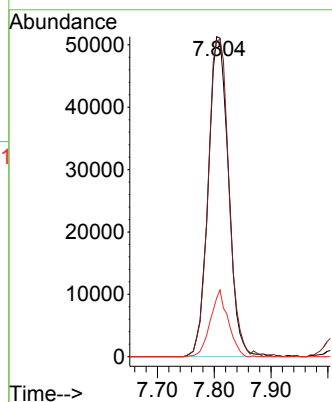
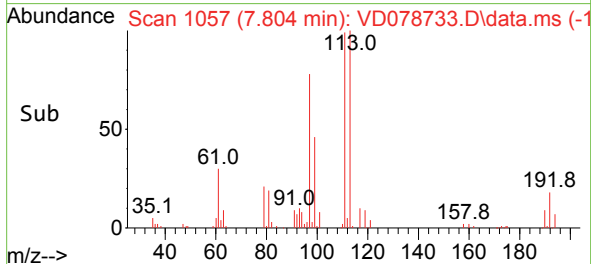


#35
Dibromofluoromethane
Concen: 106.014 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

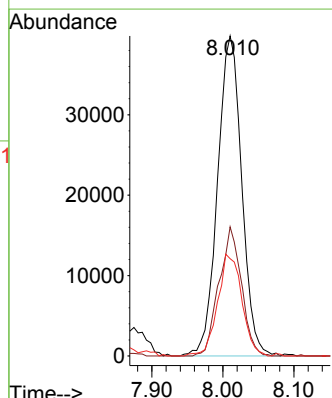
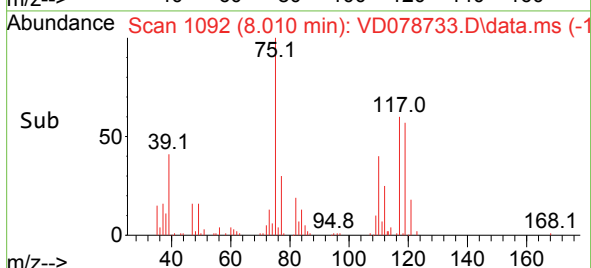
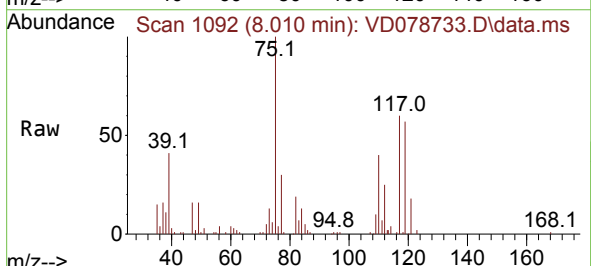


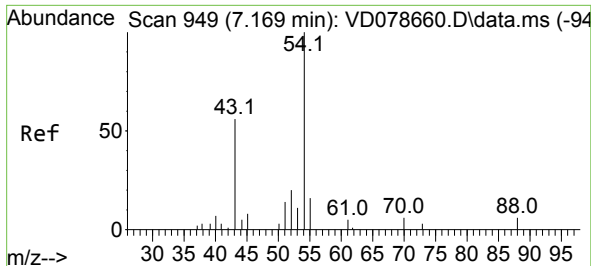
Tgt Ion:113 Resp: 127329
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 53.986 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

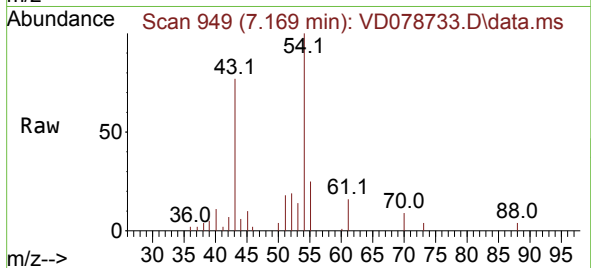
Tgt Ion: 75 Resp: 94079
Ion Ratio Lower Upper
75 100
110 37.5 19.1 57.1
77 31.8 25.4 38.2



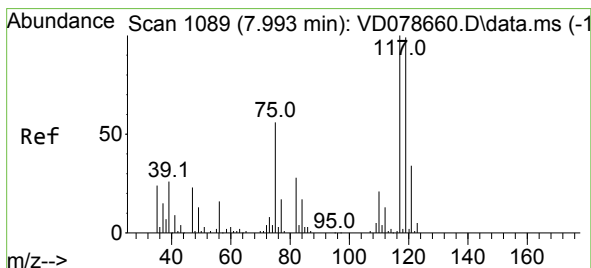
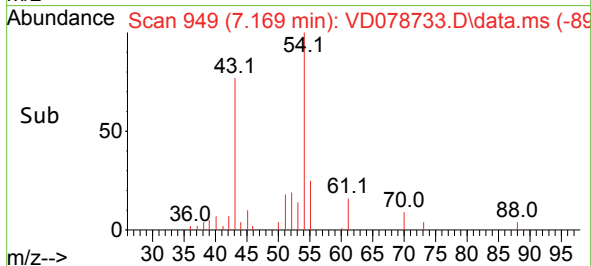
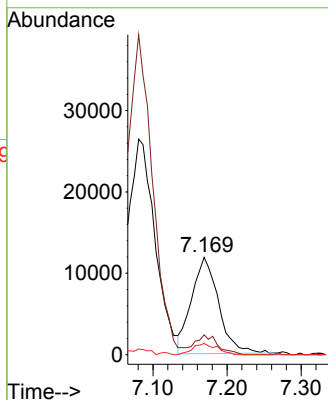


#37
Ethyl Acetate
Concen: 52.584 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

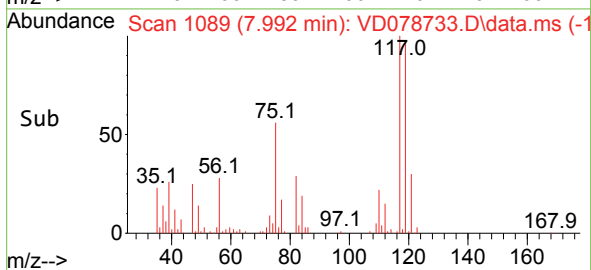
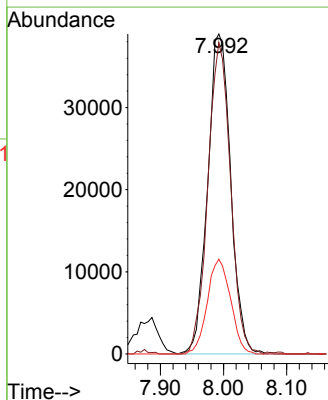
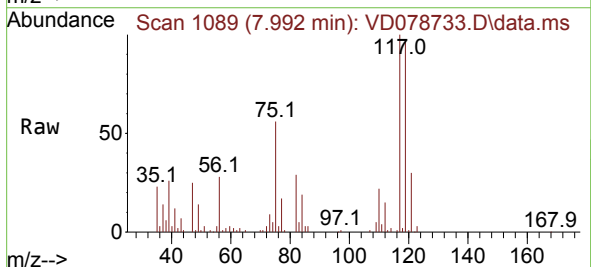


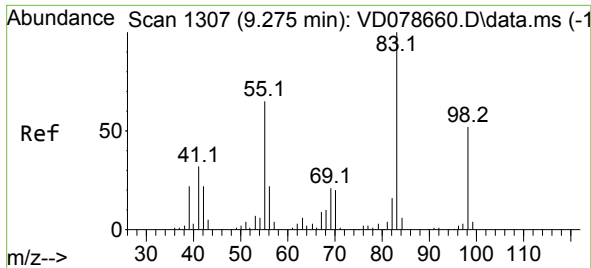
Tgt Ion: 43	Resp: 29936
Ion Ratio	Lower Upper
43	100
61	17.1 14.6 21.8
70	10.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 53.828 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 117	Resp: 98892
Ion Ratio	Lower Upper
117	100
119	97.4 79.2 118.8
121	29.6 26.8 40.2





#39

Methylcyclohexane

Concen: 53.480 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

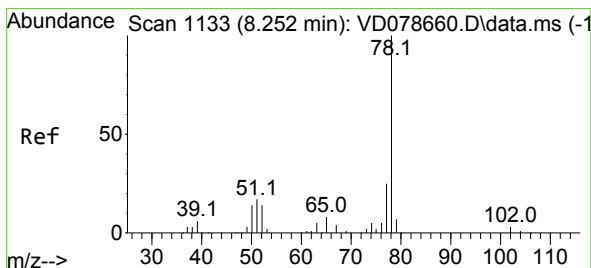
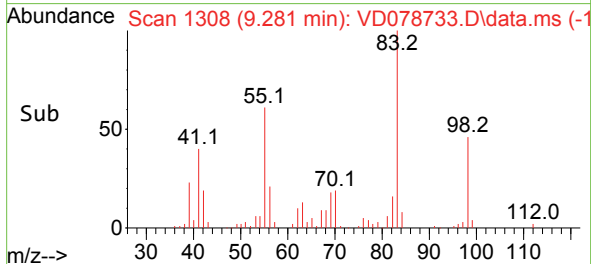
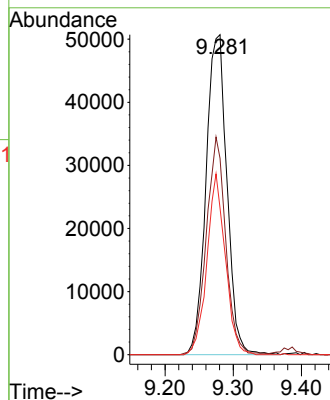
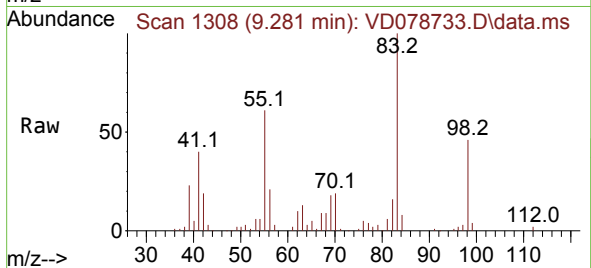
Tgt Ion: 83 Resp: 108113

Ion Ratio Lower Upper

83 100

55 61.3 51.7 77.5

98 45.8 41.4 62.0



#40

Benzene

Concen: 55.494 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078733.D

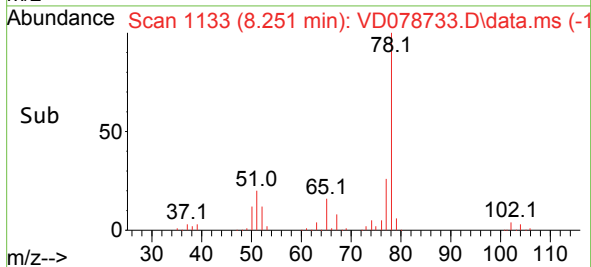
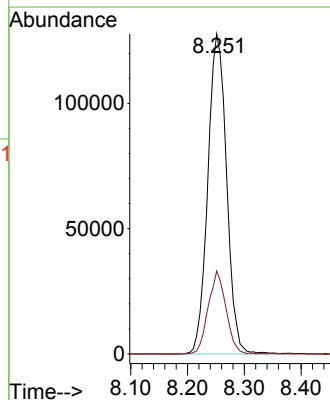
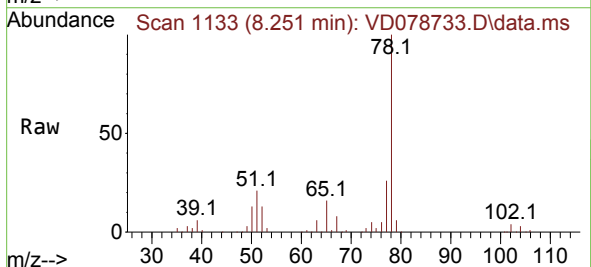
Acq: 21 Mar 2024 19:25

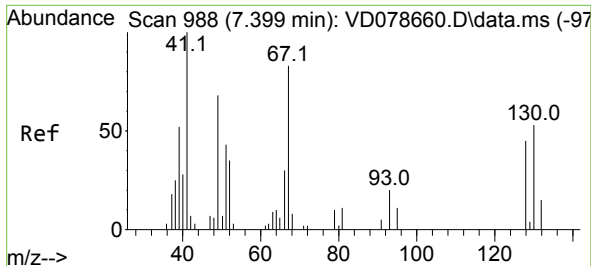
Tgt Ion: 78 Resp: 292332

Ion Ratio Lower Upper

78 100

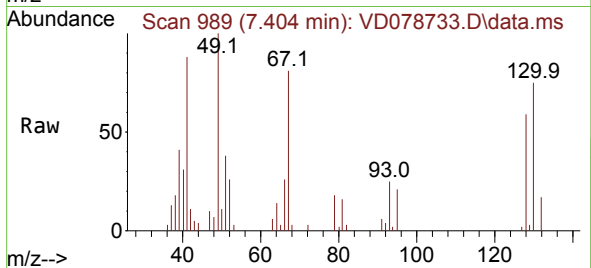
77 26.0 20.4 30.6



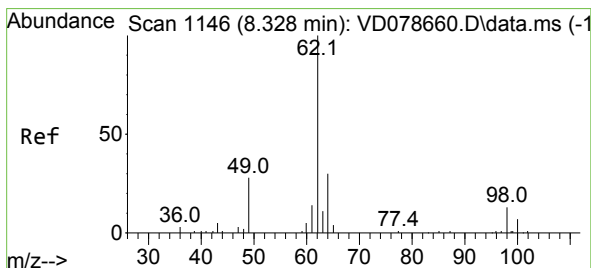
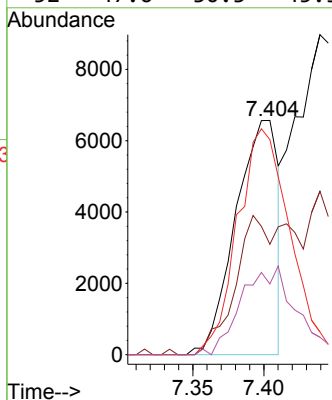
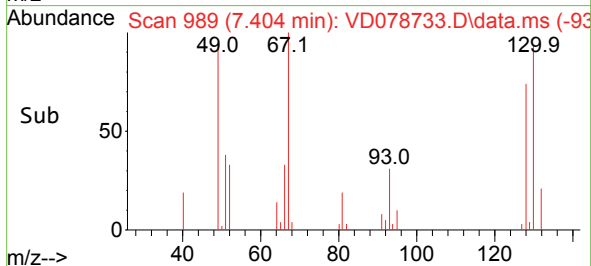


#41
Methacrylonitrile
Concen: 45.736 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

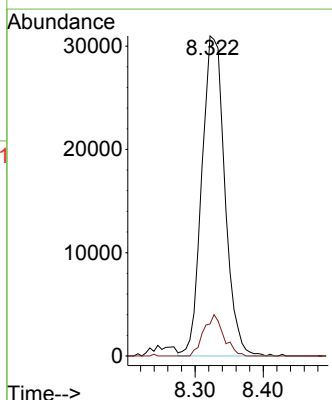
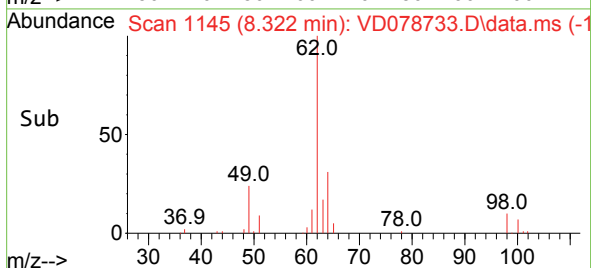
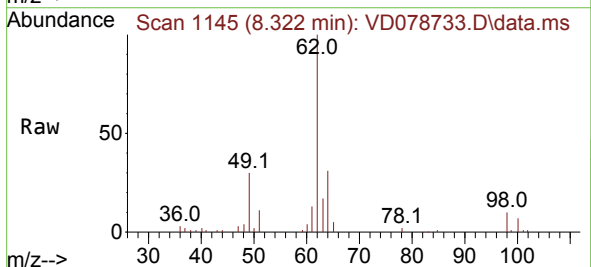


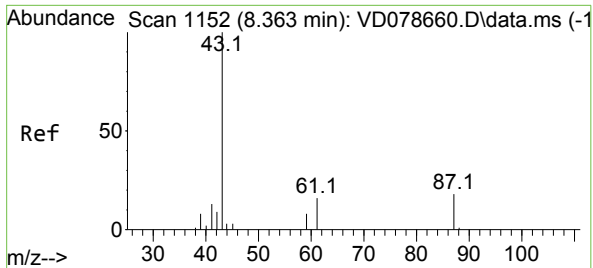
Tgt Ion: 41 Resp: 13645
Ion Ratio Lower Upper
41 100
39 48.2 39.8 59.6
67 119.9 83.5 125.3
52 47.6 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 56.501 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 62 Resp: 72585
Ion Ratio Lower Upper
62 100
98 11.2 0.0 23.8

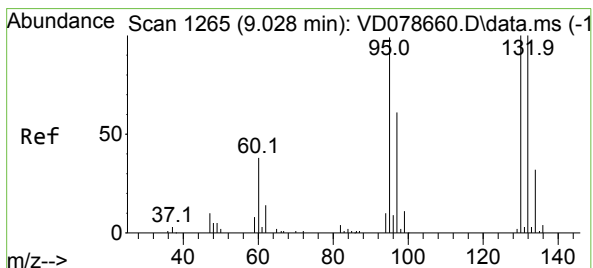
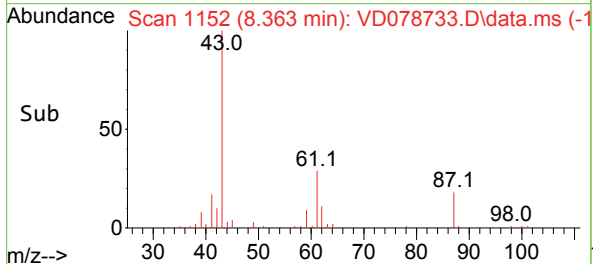
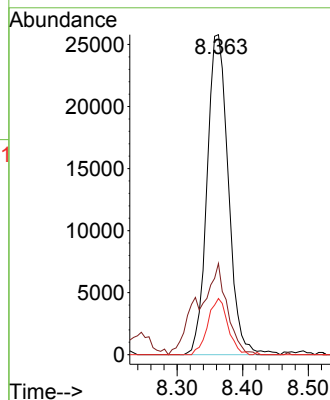
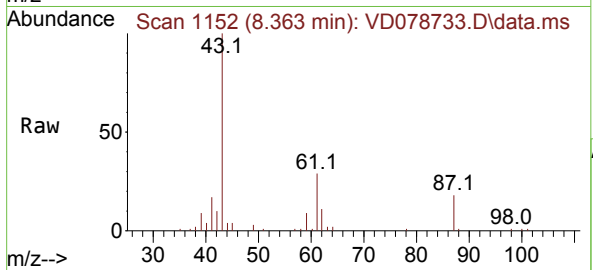




#43
Isopropyl Acetate
Concen: 56.209 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

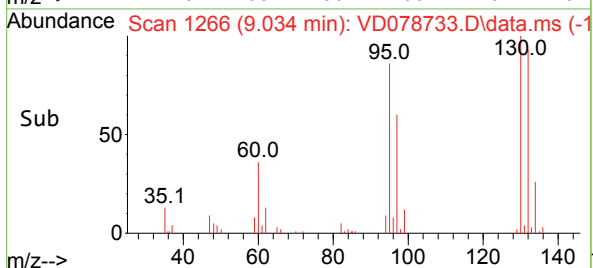
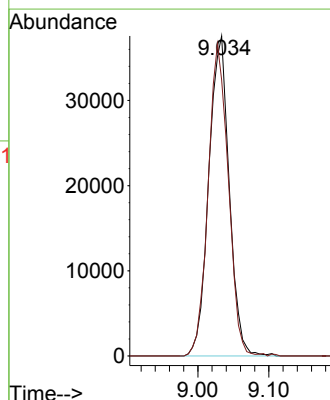
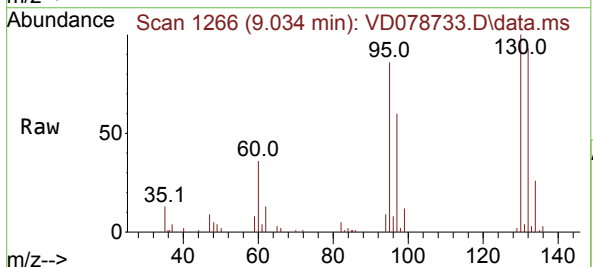
Instrument :
MSVOA_D
ClientSampleId :

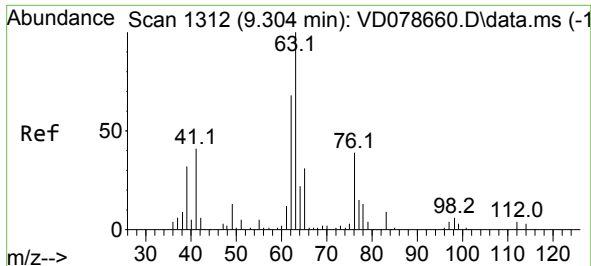
Tgt Ion: 43 Resp: 58195
Ion Ratio Lower Upper
43 100
61 24.4 30.1 45.1#
87 16.5 14.4 21.6



#44
Trichloroethene
Concen: 52.490 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion:130 Resp: 75039
Ion Ratio Lower Upper
130 100
95 86.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 56.722 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

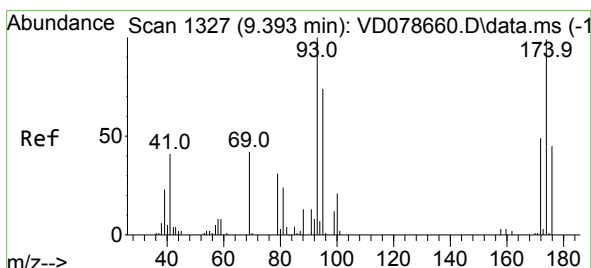
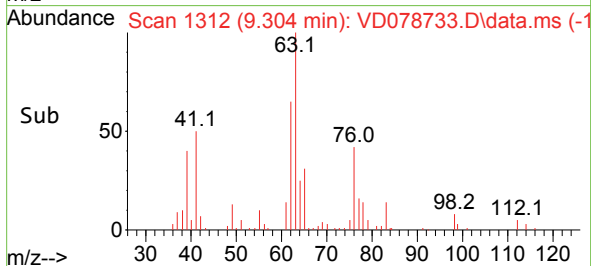
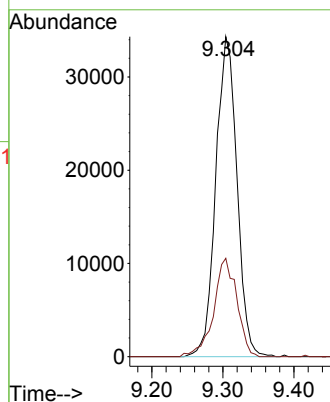
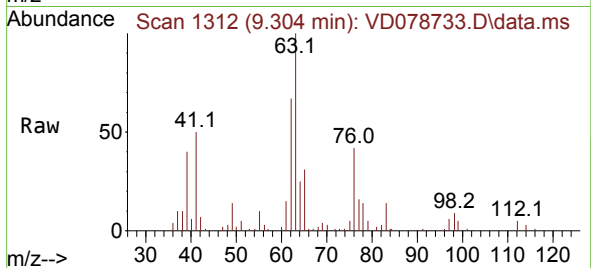
ClientSampleId :

Tgt Ion: 63 Resp: 70882

Ion Ratio Lower Upper

63 100

65 30.8 24.8 37.2



#46

Dibromomethane

Concen: 55.444 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

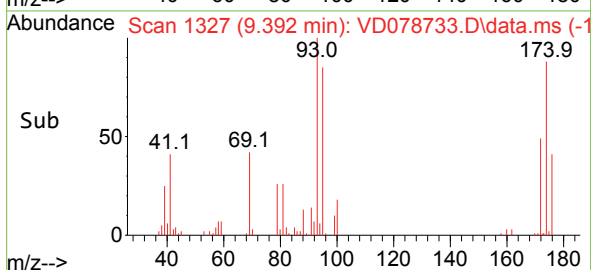
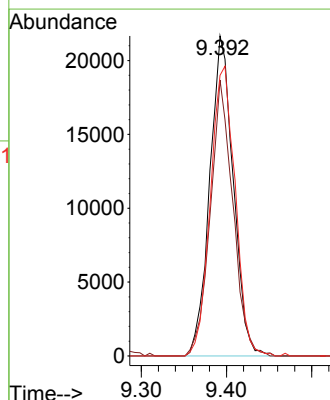
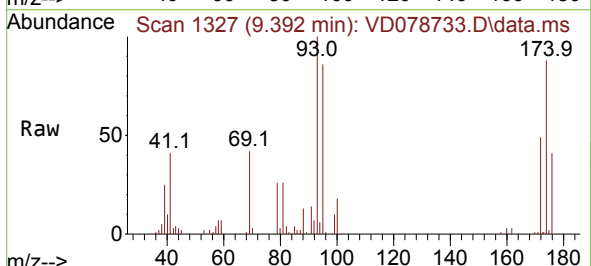
Tgt Ion: 93 Resp: 41533

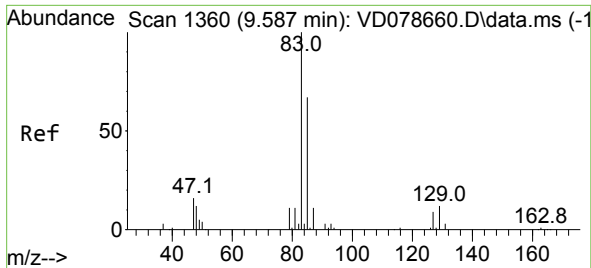
Ion Ratio Lower Upper

93 100

95 83.0 67.3 100.9

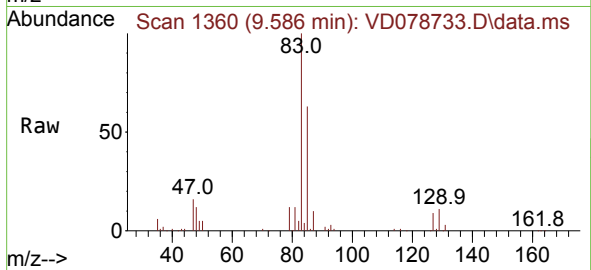
174 95.1 80.9 121.3



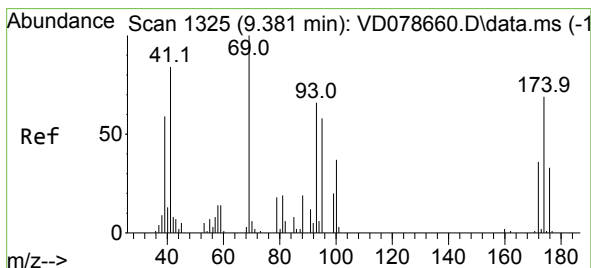
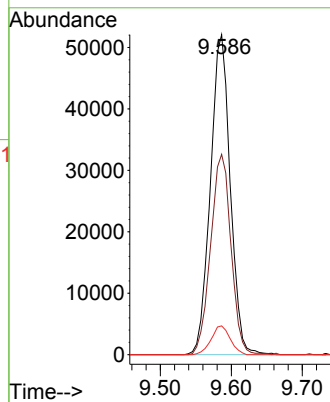
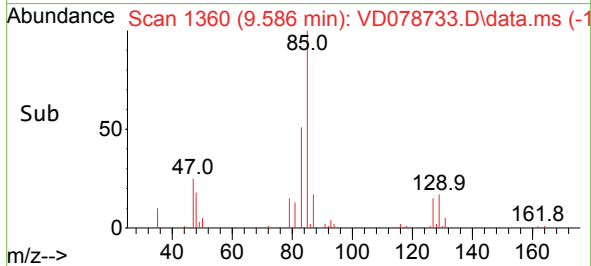


#47
Bromodichloromethane
Concen: 56.670 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

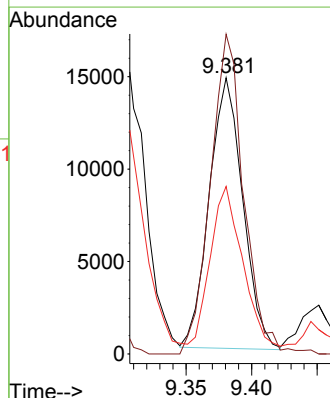
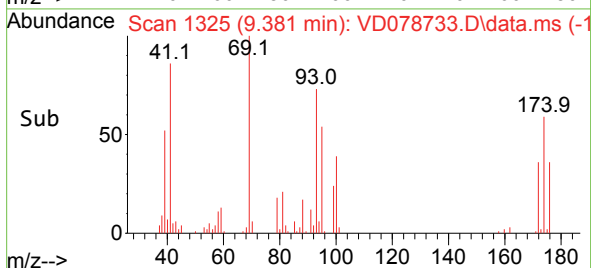
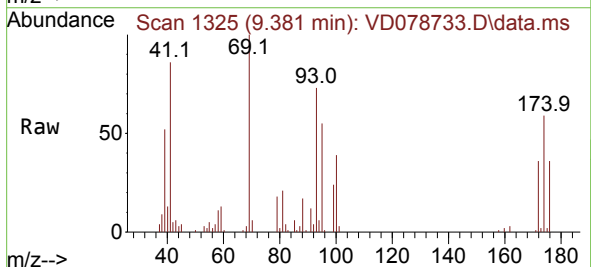


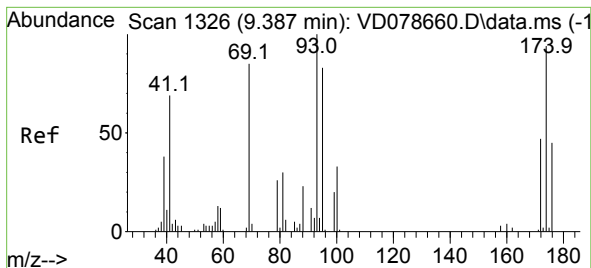
Tgt Ion: 83 Resp: 101059
Ion Ratio Lower Upper
83 100
85 62.6 54.0 81.0
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 51.628 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 41 Resp: 26045
Ion Ratio Lower Upper
41 100
69 117.6 88.3 132.5
39 62.3 46.6 69.8





#49

1,4-Dioxane

Concen: 961.244 ug/l

RT: 9.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

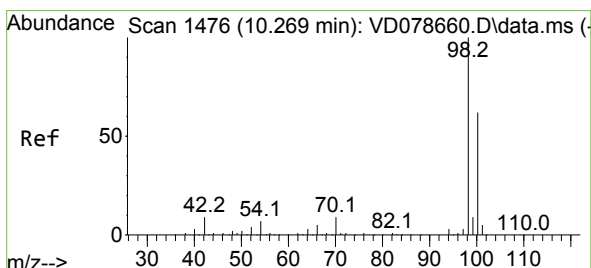
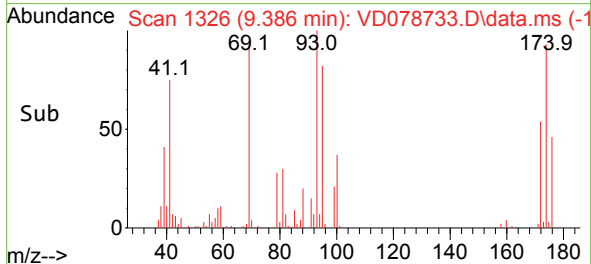
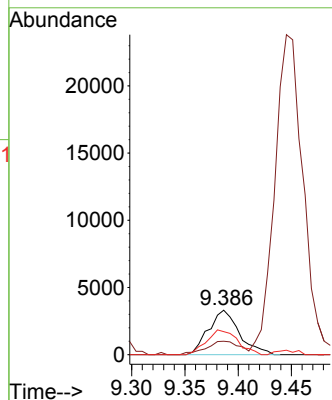
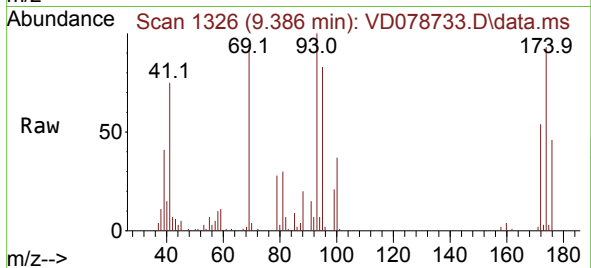
Tgt Ion: 88 Resp: 6667

Ion Ratio Lower Upper

88 100

43 33.1 23.2 34.8

58 55.9 51.0 76.6



#50

Toluene-d8

Concen: 113.381 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078733.D

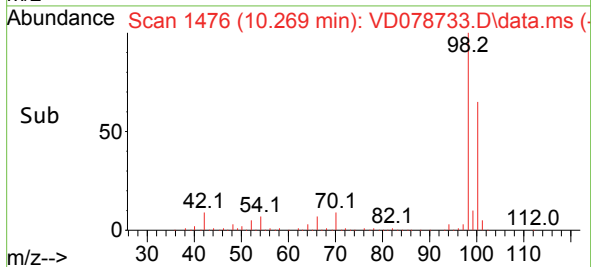
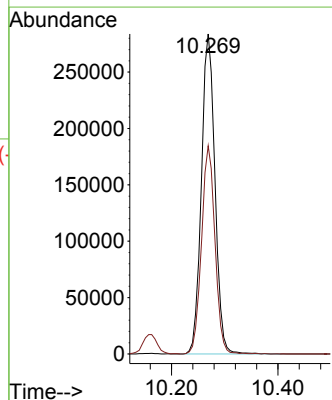
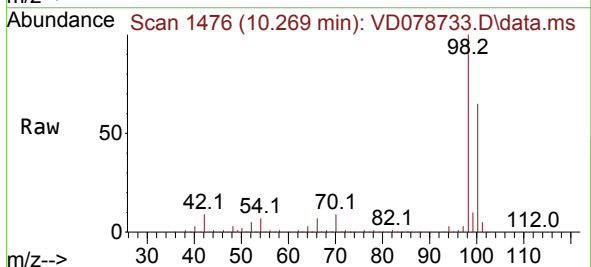
Acq: 21 Mar 2024 19:25

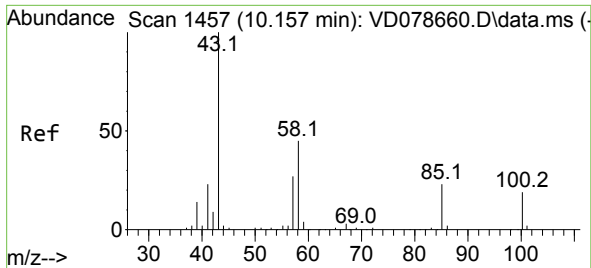
Tgt Ion: 98 Resp: 500822

Ion Ratio Lower Upper

98 100

100 64.6 50.5 75.7

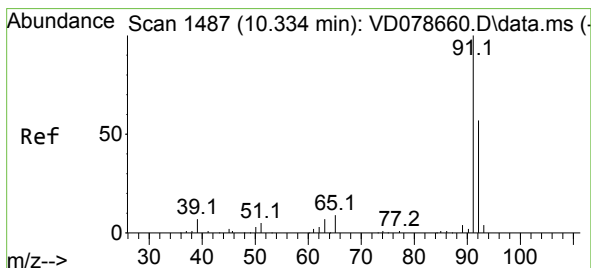
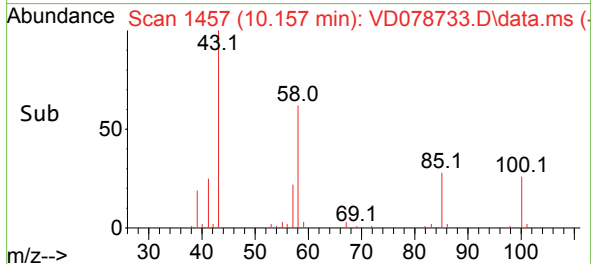
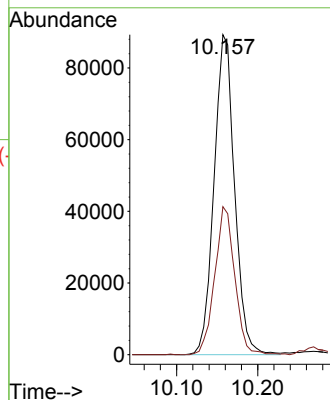
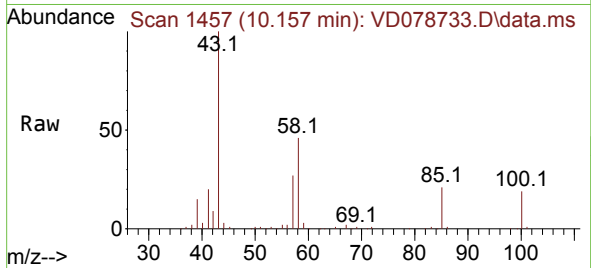




#51
4-Methyl-2-Pentanone
Concen: 290.263 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

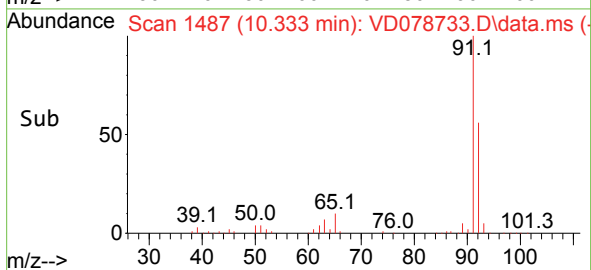
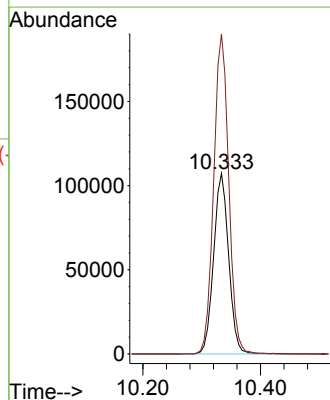
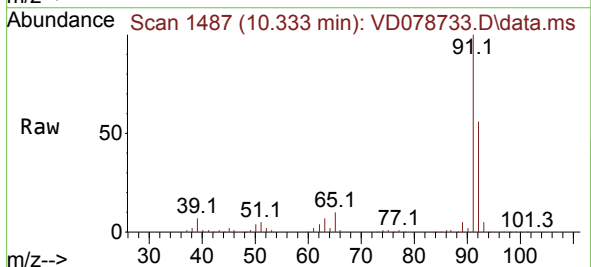
Instrument :
MSVOA_D
ClientSampleId :

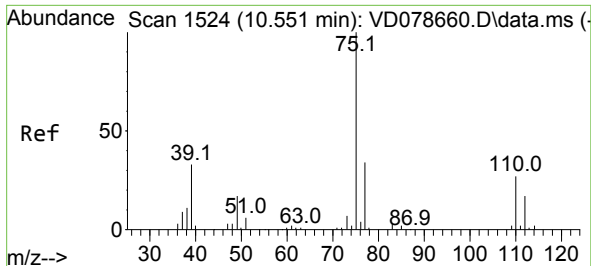
Tgt Ion: 43 Resp: 157110
Ion Ratio Lower Upper
43 100
58 45.2 36.4 54.6



#52
Toluene
Concen: 55.980 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 92 Resp: 189856
Ion Ratio Lower Upper
92 100
91 177.6 136.6 205.0

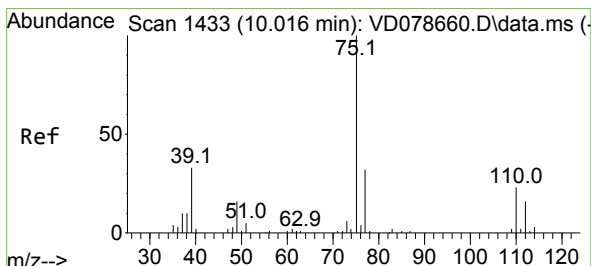
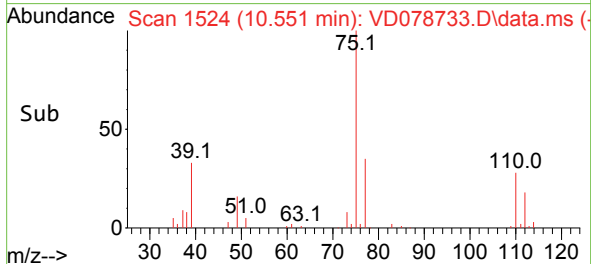
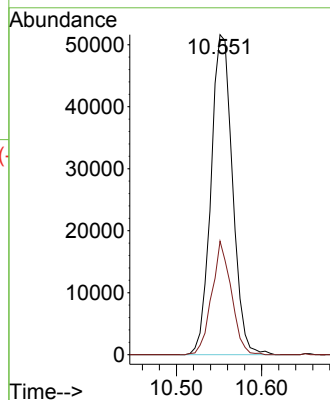
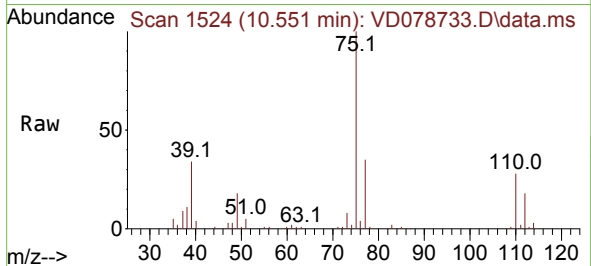




#53
 t-1,3-Dichloropropene
 Concen: 55.560 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

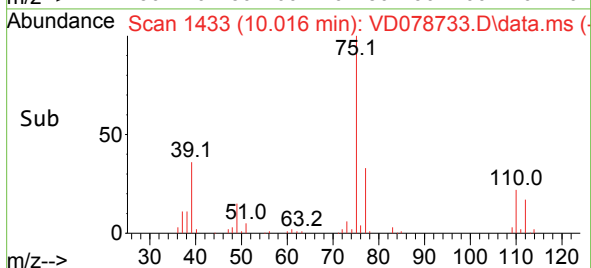
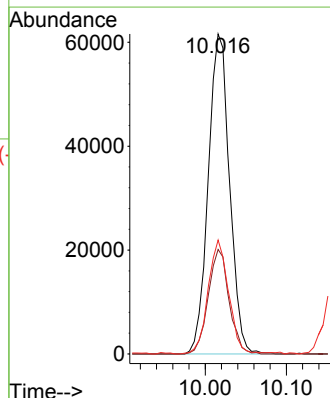
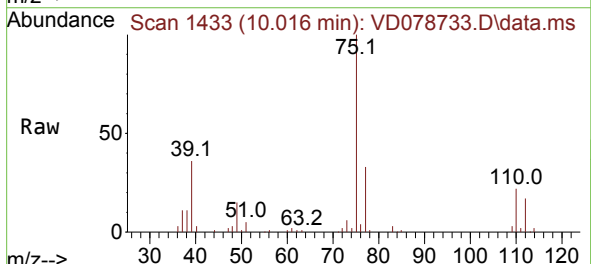
Instrument :
 MSVOA_D
 ClientSampleId :

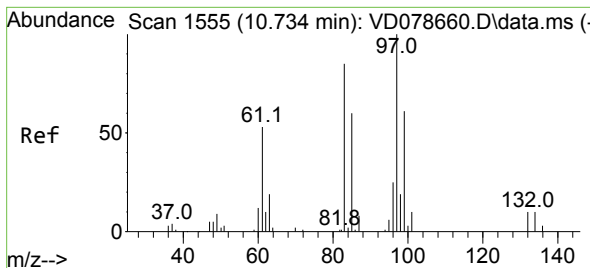
Tgt Ion: 75 Resp: 90589
 Ion Ratio Lower Upper
 75 100
 77 35.4 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 57.280 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

Tgt Ion: 75 Resp: 112272
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 35.6 26.7 40.1

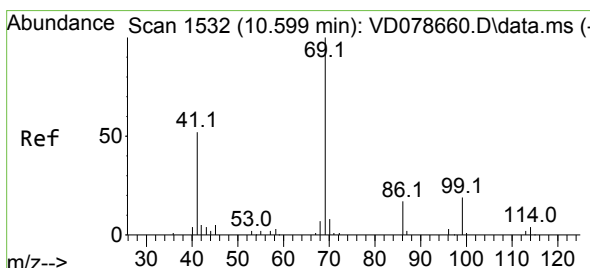
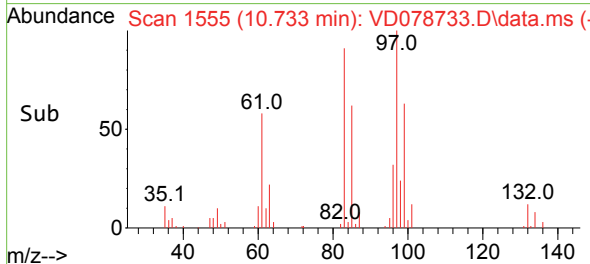
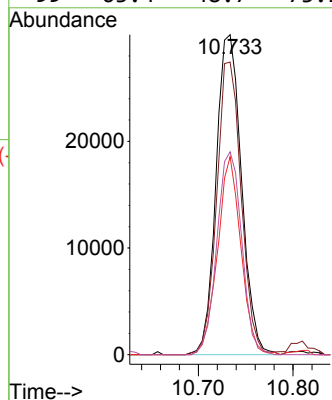
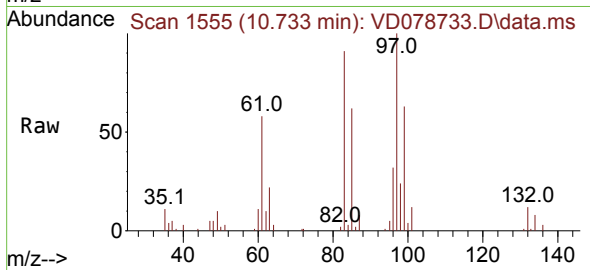




#55
1,1,2-Trichloroethane
Concen: 55.687 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

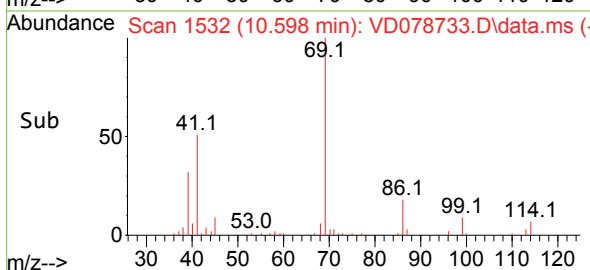
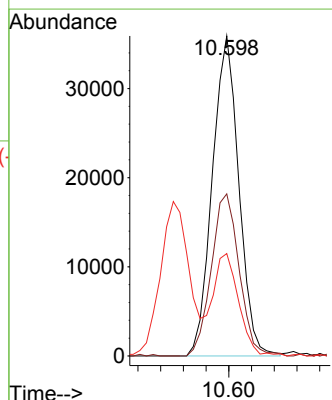
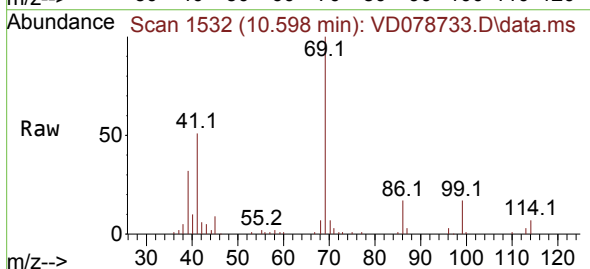
Instrument :
MSVOA_D
ClientSampleId :

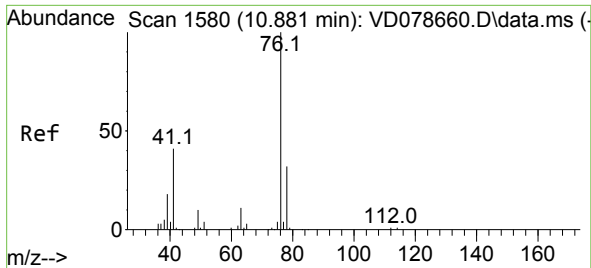
Tgt Ion: 97 Resp: 55861
Ion Ratio Lower Upper
97 100
83 91.5 68.1 102.1
85 61.8 48.2 72.2
99 63.4 48.7 73.1



#56
Ethyl methacrylate
Concen: 57.828 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 69 Resp: 58153
Ion Ratio Lower Upper
69 100
41 53.3 40.9 61.3
39 32.1 25.5 38.3

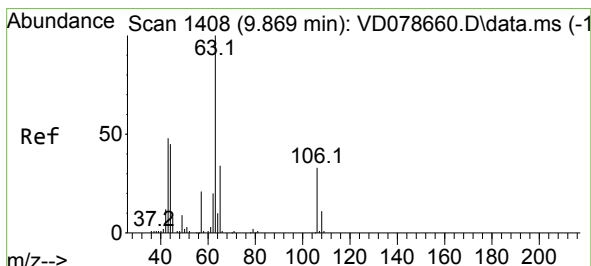
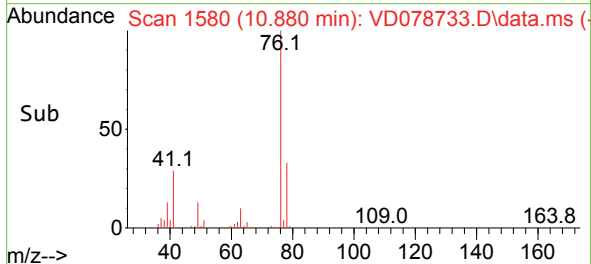
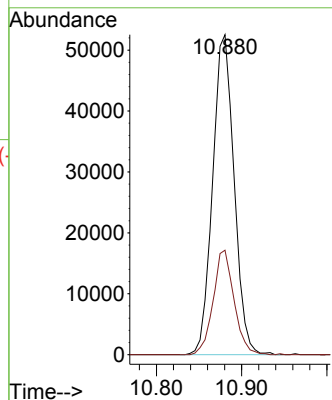
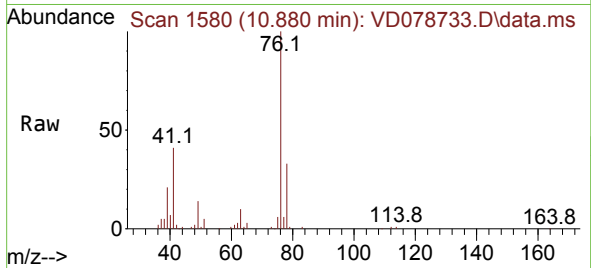




#57
 1,3-Dichloropropane
 Concen: 56.788 ug/l
 RT: 10.880 min Scan# 1580
 Delta R.T. -0.000 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

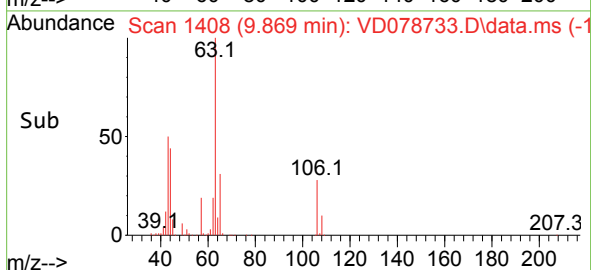
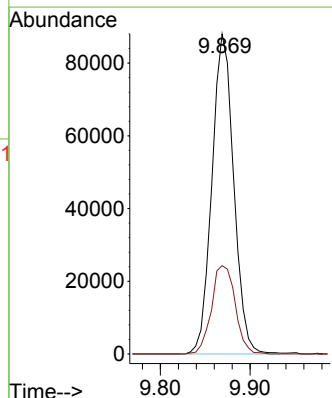
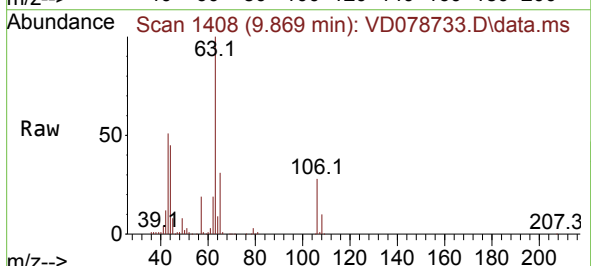
Instrument :
 MSVOA_D
 ClientSampleId :

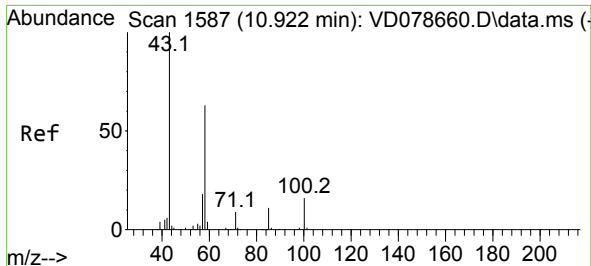
Tgt Ion: 76 Resp: 91918
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 334.612 ug/l
 RT: 9.869 min Scan# 1408
 Delta R.T. -0.000 min
 Lab File: VD078733.D
 Acq: 21 Mar 2024 19:25

Tgt Ion: 63 Resp: 148372
 Ion Ratio Lower Upper
 63 100
 106 30.0 25.2 37.8





#59

2-Hexanone

Concen: 276.229 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

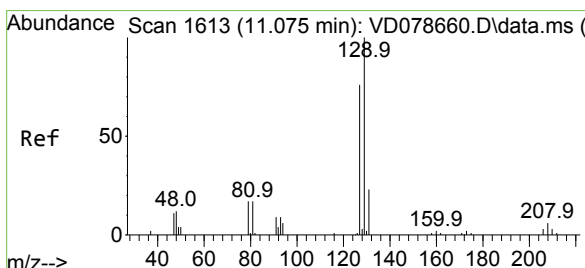
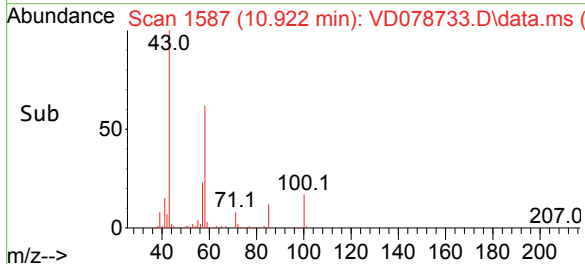
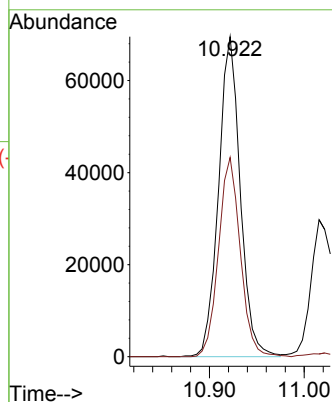
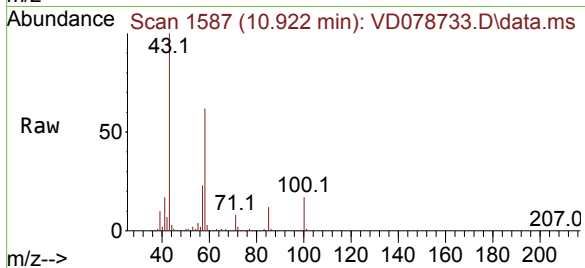
ClientSampleId :

Tgt Ion: 43 Resp: 110836

Ion Ratio Lower Upper

43 100

58 62.4 31.5 94.5



#60

Dibromochloromethane

Concen: 55.886 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078733.D

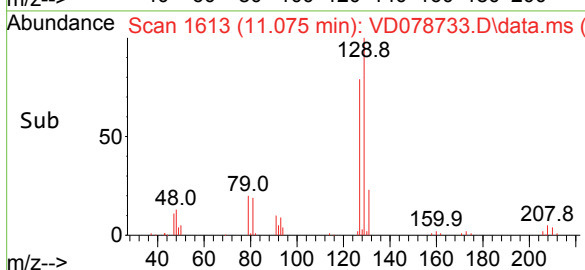
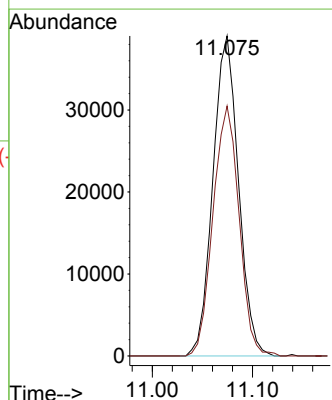
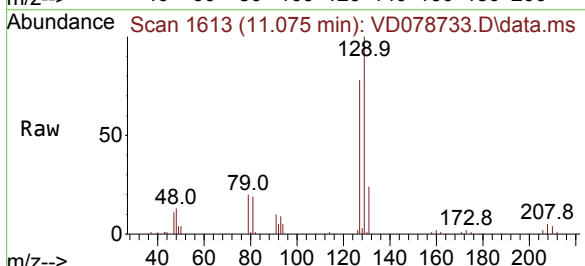
Acq: 21 Mar 2024 19:25

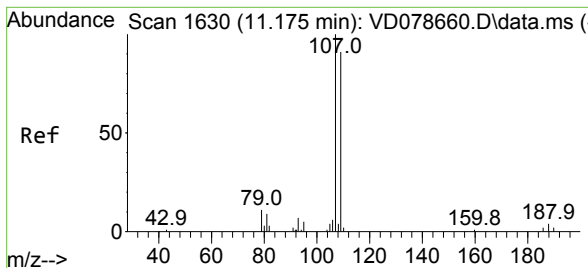
Tgt Ion:129 Resp: 69135

Ion Ratio Lower Upper

129 100

127 79.6 38.8 116.3

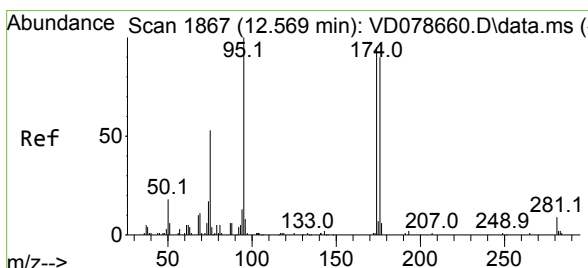
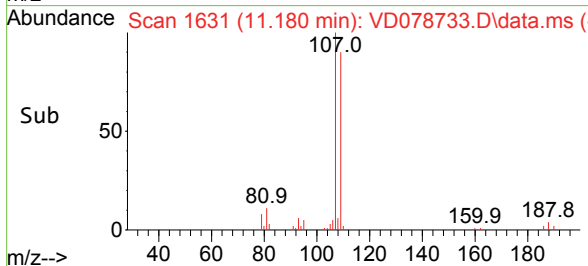
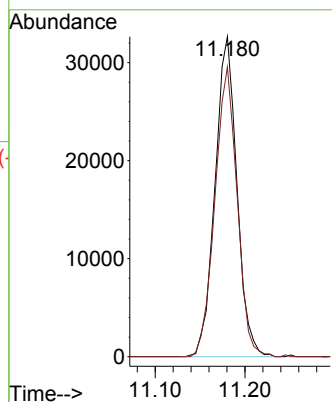
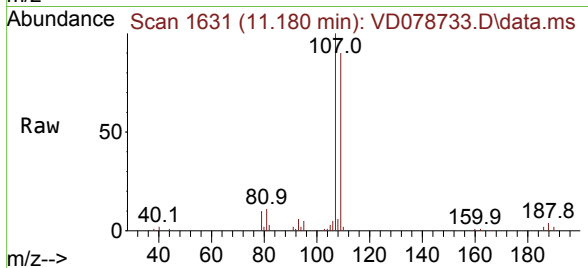




#61
1,2-Dibromoethane
Concen: 56.855 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

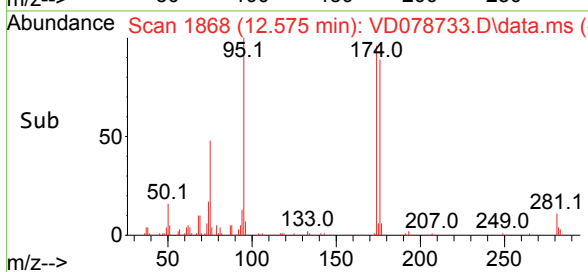
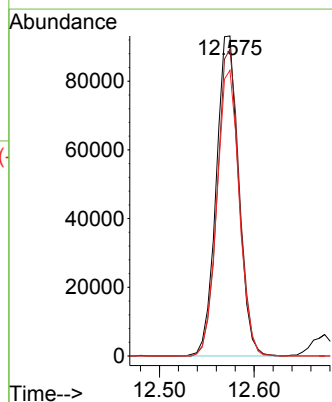
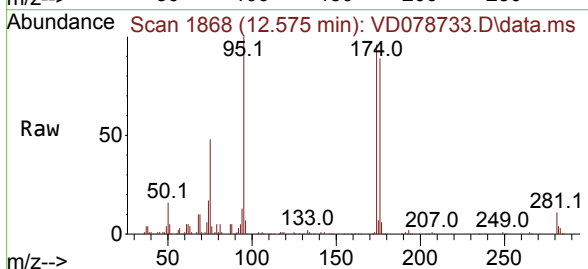
Instrument :
MSVOA_D
ClientSampleId :

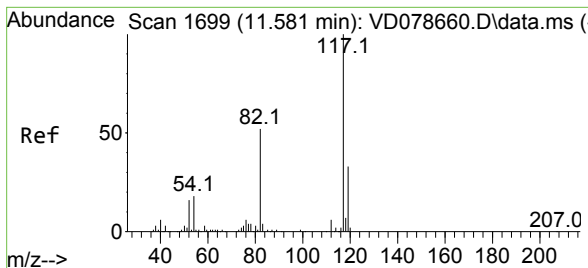
Tgt Ion:107 Resp: 55194
Ion Ratio Lower Upper
107 100
109 92.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 118.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.005 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 95 Resp: 152778
Ion Ratio Lower Upper
95 100
174 94.8 0.0 195.2
176 89.5 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

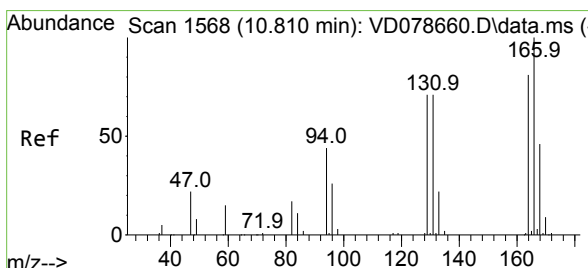
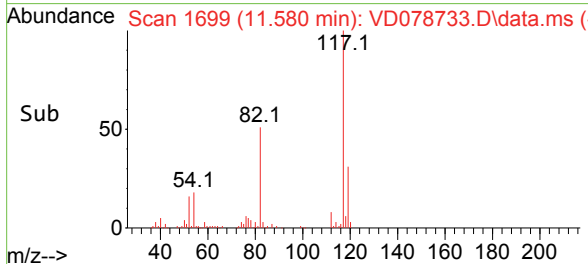
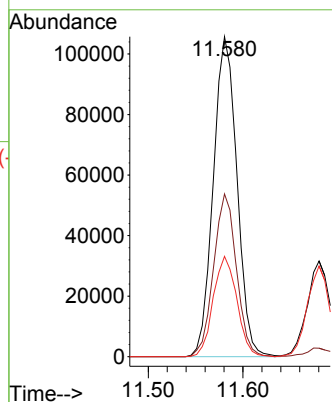
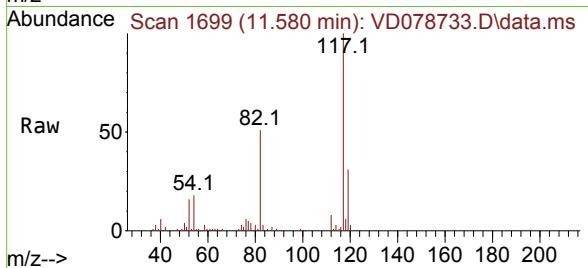
Tgt Ion:117 Resp: 183795

Ion Ratio Lower Upper

117 100

82 50.8 41.4 62.2

119 31.3 26.5 39.7



#64

Tetrachloroethene

Concen: 53.017 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Tgt Ion:164 Resp: 64483

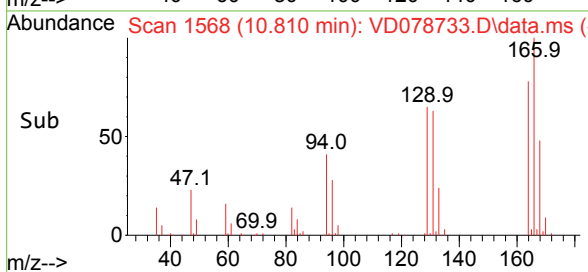
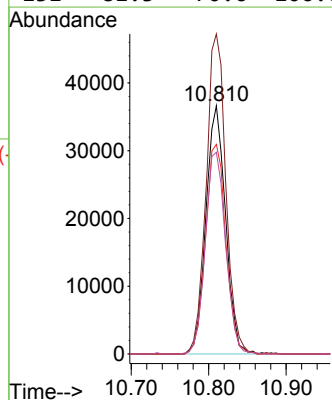
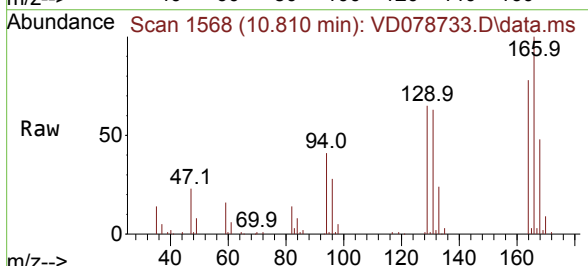
Ion Ratio Lower Upper

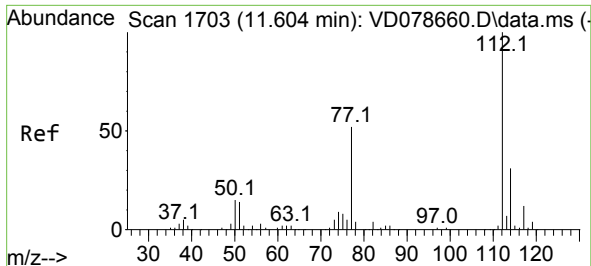
164 100

166 128.9 98.9 148.3

129 84.4 70.3 105.5

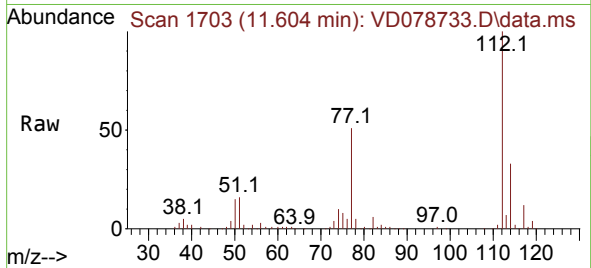
131 81.3 70.6 106.0



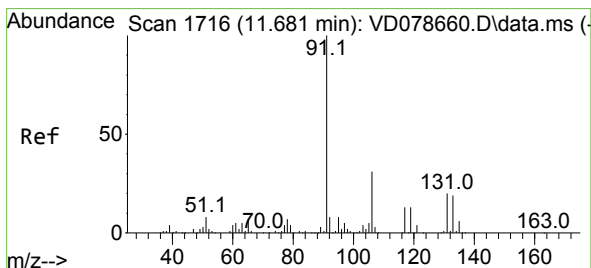
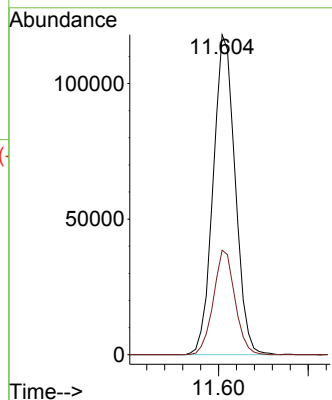
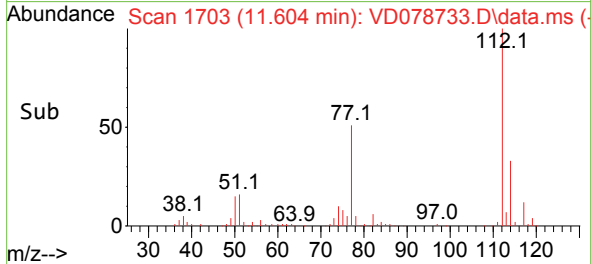


#65
Chlorobenzene
Concen: 52.257 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

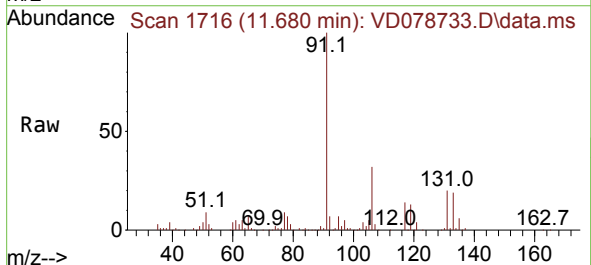
Instrument :
MSVOA_D
ClientSampleId :



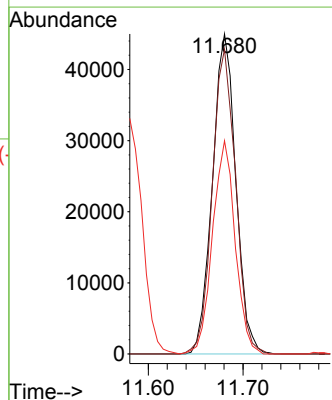
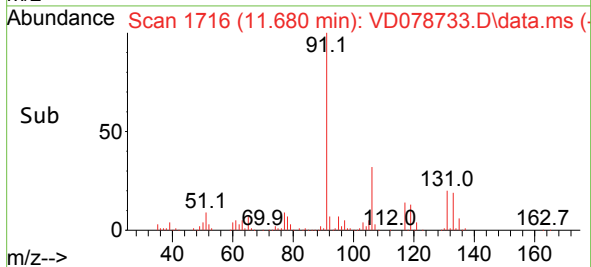
Tgt Ion:112 Resp: 200706
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6

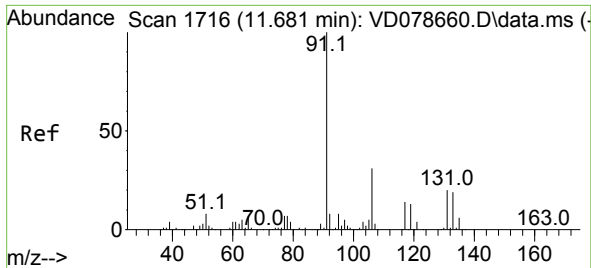


#66
1,1,1,2-Tetrachloroethane
Concen: 54.954 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25



Tgt Ion:131 Resp: 77298
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 64.4 34.1 102.3

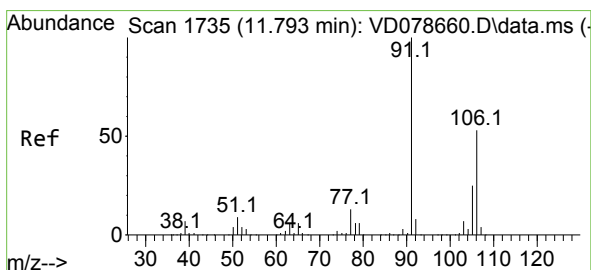
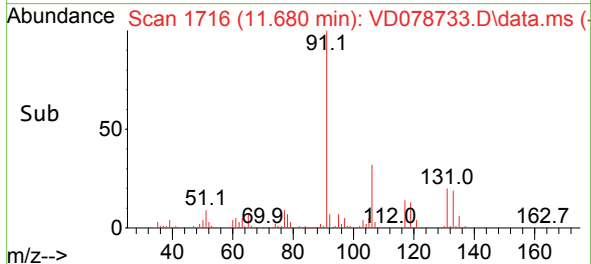
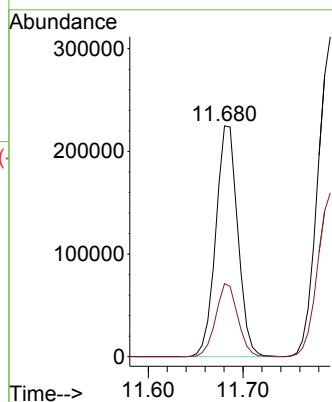
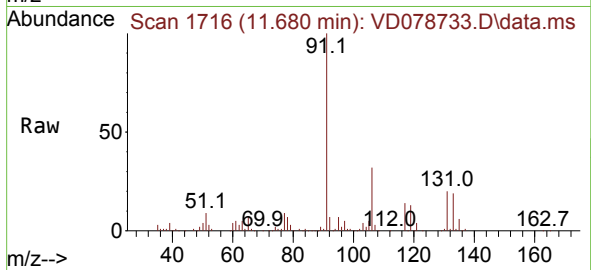




#67
Ethyl Benzene
Concen: 55.470 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

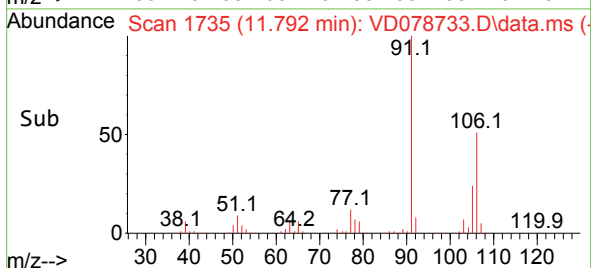
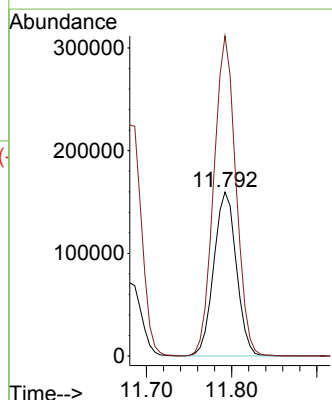
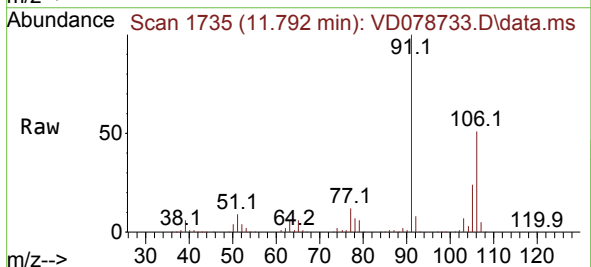
Instrument :
MSVOA_D
ClientSampleId :

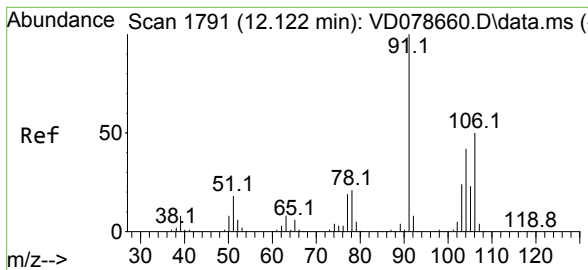
Tgt Ion: 91 Resp: 363044
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 110.684 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion:106 Resp: 294163
Ion Ratio Lower Upper
106 100
91 191.4 154.4 231.6

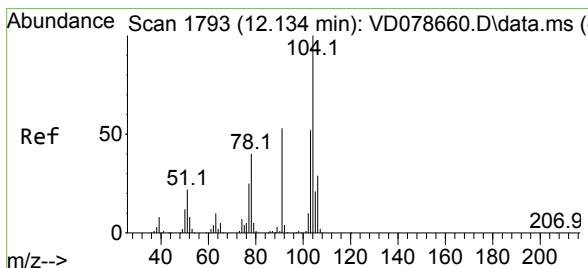
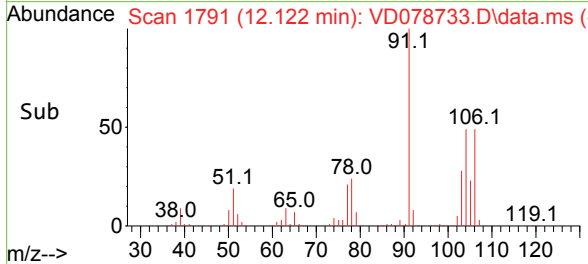
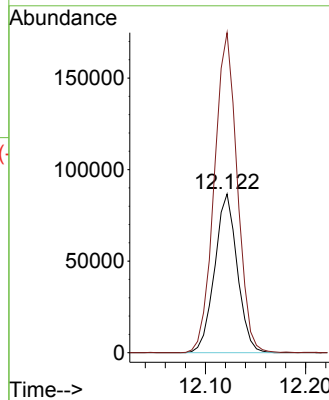
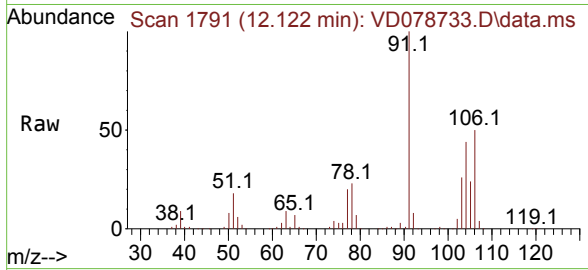




#69
o-Xylene
Concen: 55.089 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

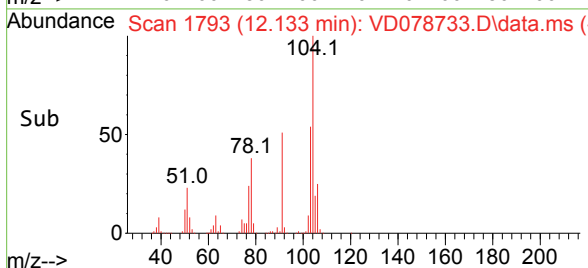
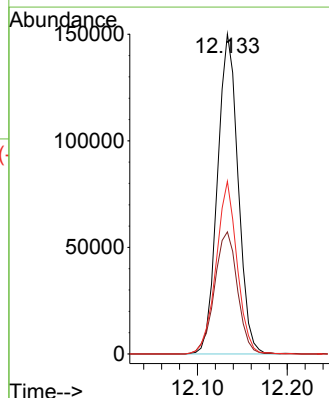
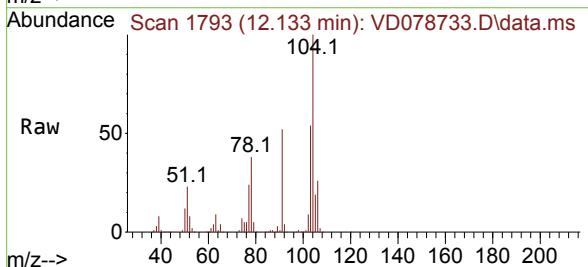
Instrument :
MSVOA_D
ClientSampleId :

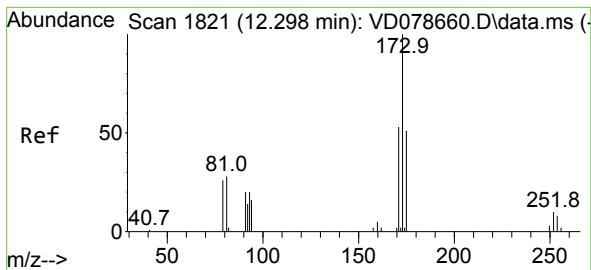
Tgt Ion:106 Resp: 135461
Ion Ratio Lower Upper
106 100
91 204.7 99.6 298.7



#70
Styrene
Concen: 58.026 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion:104 Resp: 239487
Ion Ratio Lower Upper
104 100
78 42.4 34.6 52.0
103 54.9 44.2 66.2





#71

Bromoform

Concen: 56.489 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

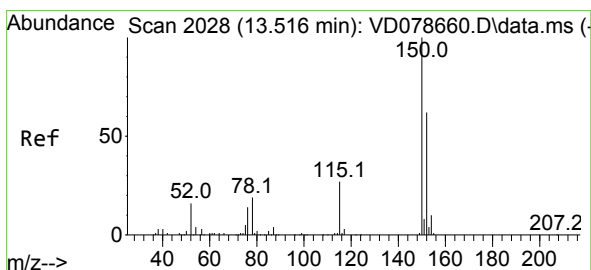
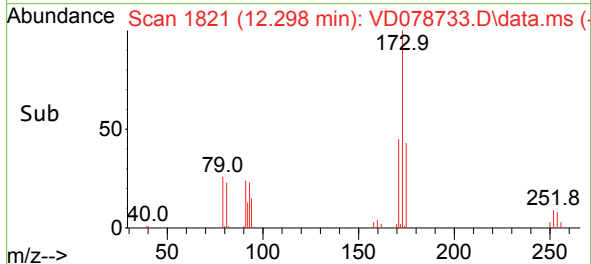
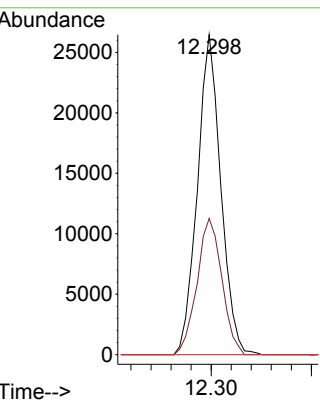
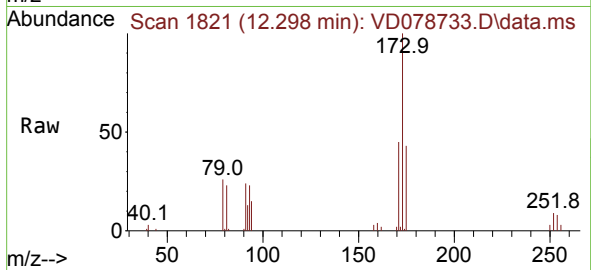
Tgt Ion:173 Resp: 42940

Ion Ratio Lower Upper

173 100

175 45.2 25.8 77.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

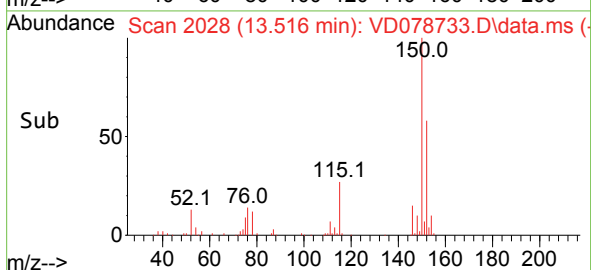
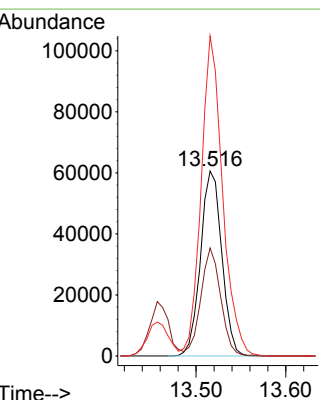
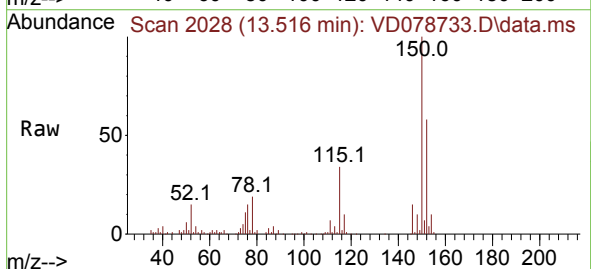
Tgt Ion:152 Resp: 99851

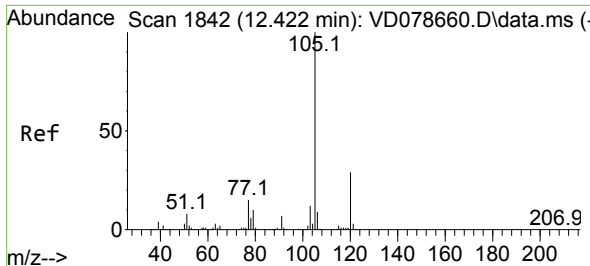
Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.2

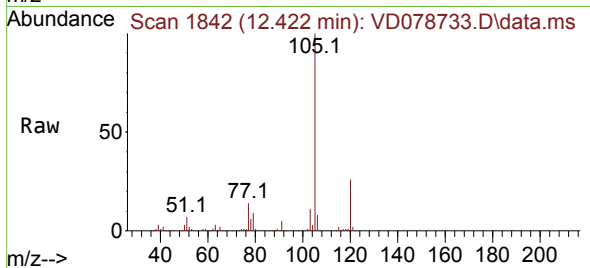
150 174.9 0.0 350.2



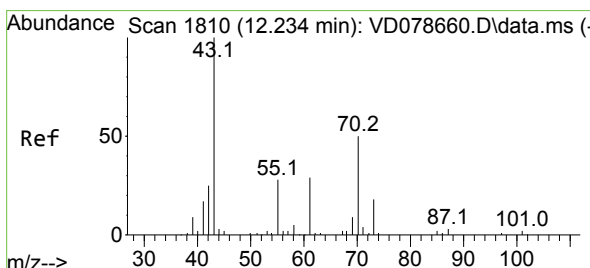
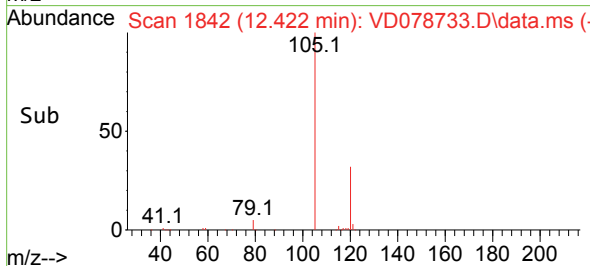
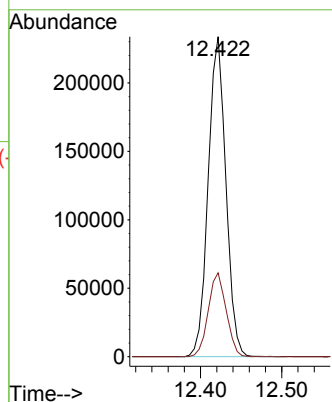


#73
Isopropylbenzene
Concen: 53.679 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

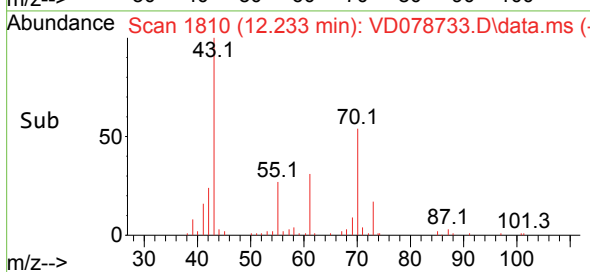
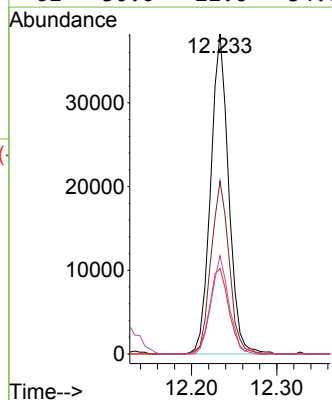
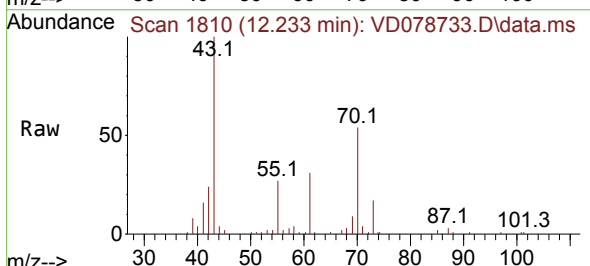


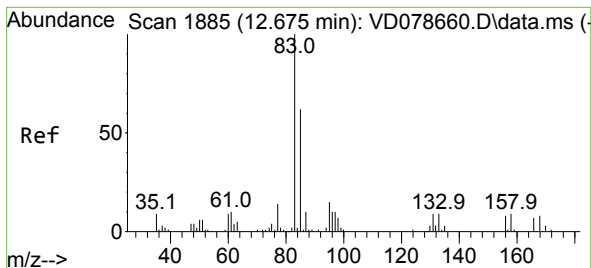
Tgt Ion:105 Resp: 352900
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0



#74
N-ethyl acetate
Concen: 52.551 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 43 Resp: 56092
Ion Ratio Lower Upper
43 100
70 54.4 42.1 63.1
55 29.5 22.6 33.8
61 30.0 22.6 34.0

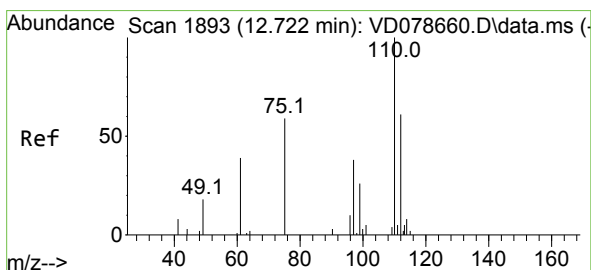
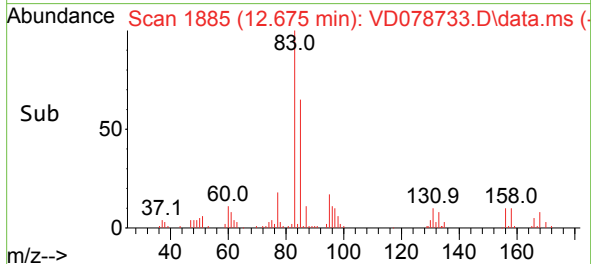
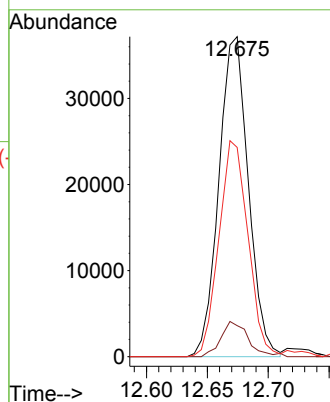
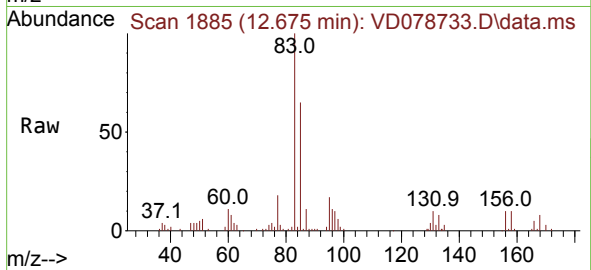




#75
1,1,2,2-Tetrachloroethane
Concen: 51.476 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

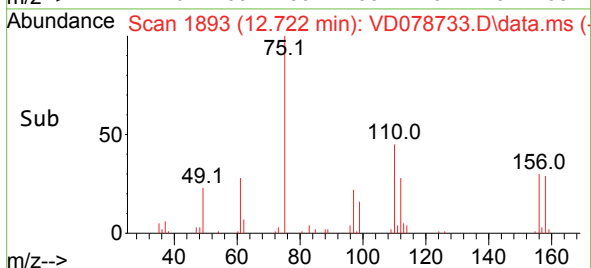
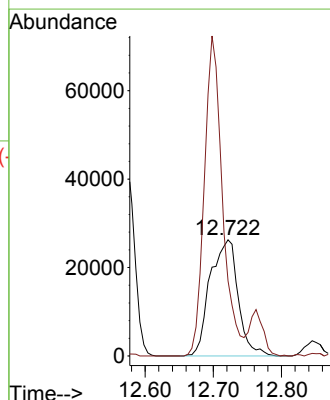
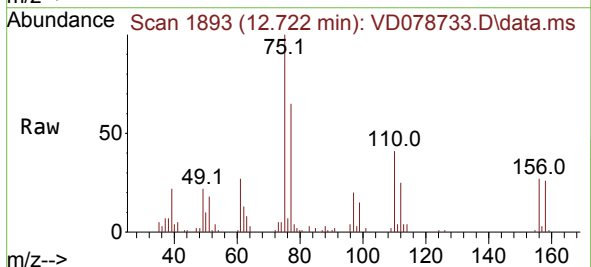
Instrument :
MSVOA_D
ClientSampleId :

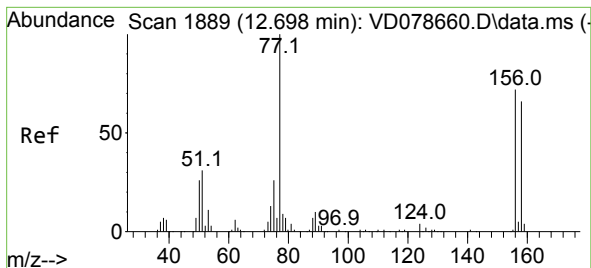
Tgt Ion: 83 Resp: 62647
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 66.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 97.722 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 75 Resp: 75177
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.013 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

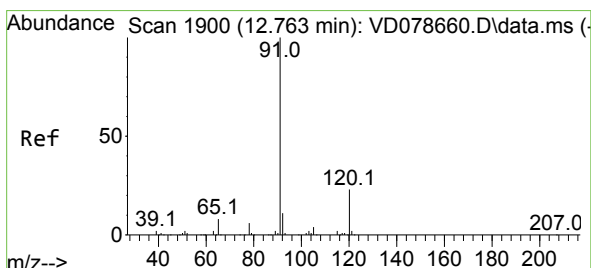
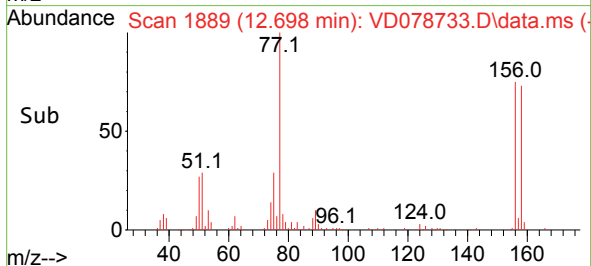
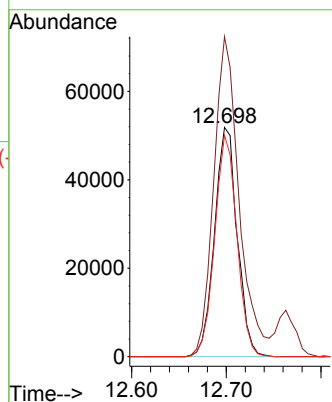
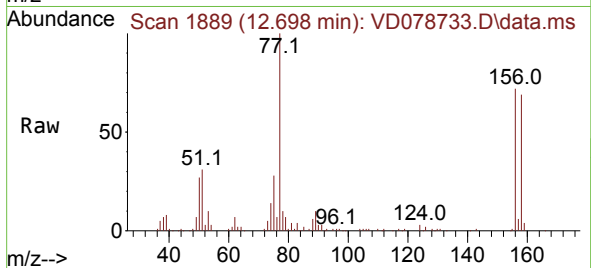
Tgt Ion:156 Resp: 86432

Ion Ratio Lower Upper

156 100

77 156.0 79.1 237.3

158 94.2 47.0 141.0



#78

n-propylbenzene

Concen: 53.830 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078733.D

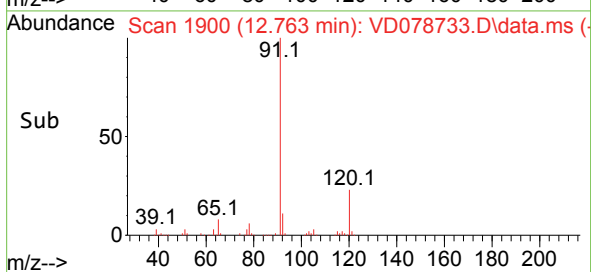
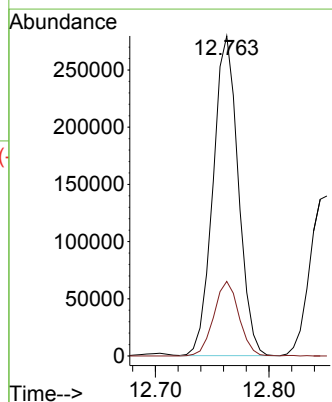
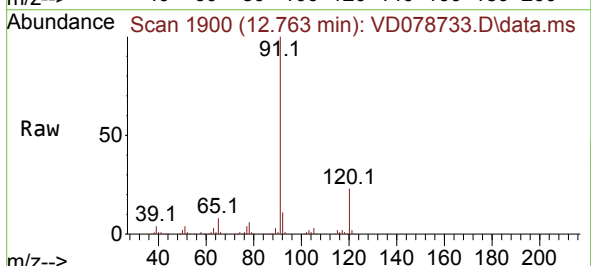
Acq: 21 Mar 2024 19:25

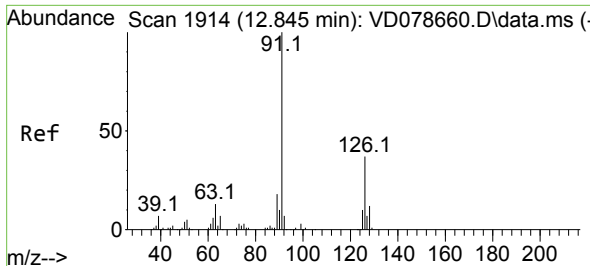
Tgt Ion: 91 Resp: 430766

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.1

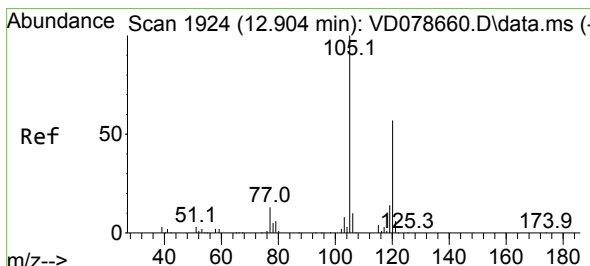
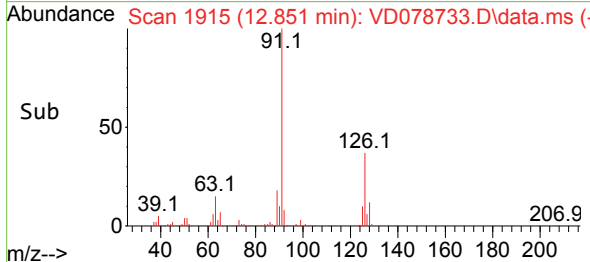
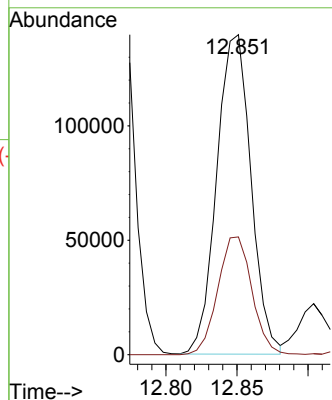
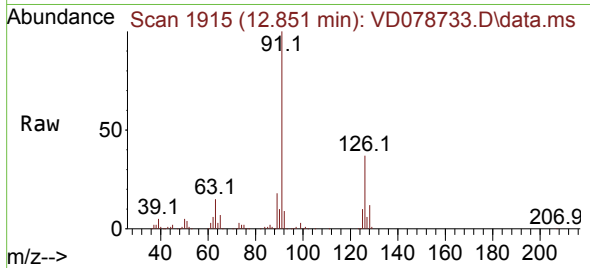




#79
2-Chlorotoluene
Concen: 53.363 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

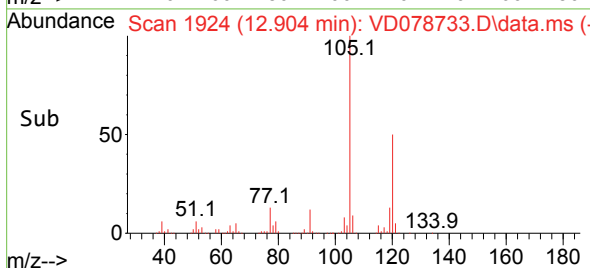
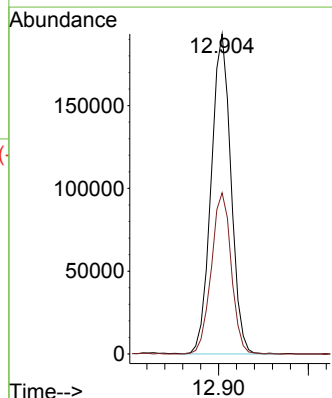
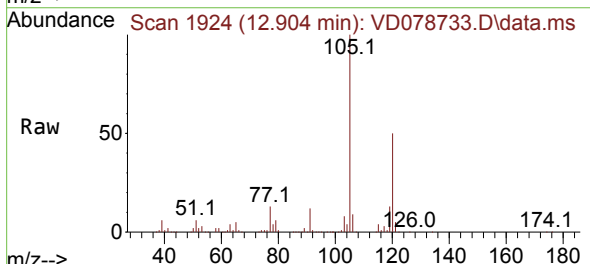
Instrument :
MSVOA_D
ClientSampleId :

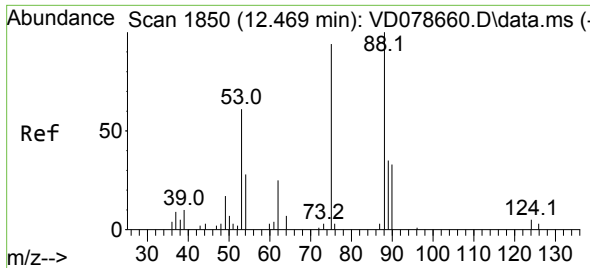
Tgt Ion: 91 Resp: 234265
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.328 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 105 Resp: 295359
Ion Ratio Lower Upper
105 100
120 50.7 25.9 77.7

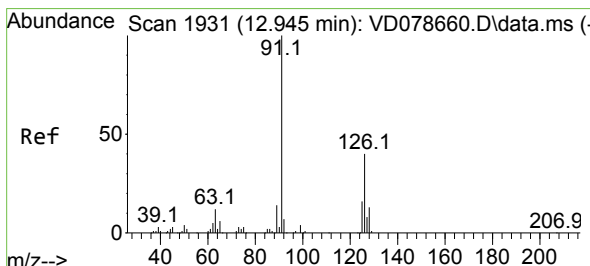
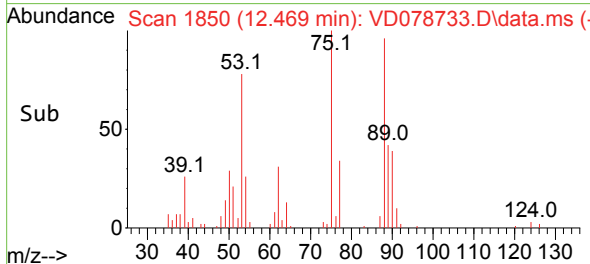
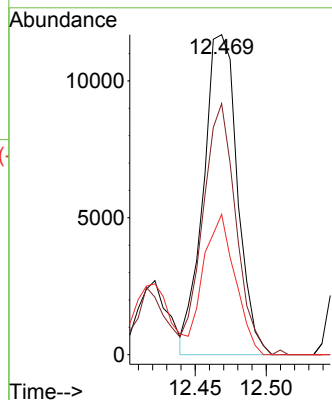
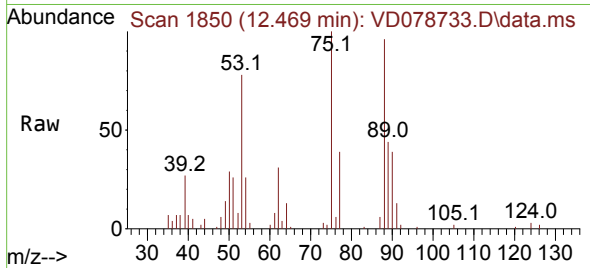




#81
trans-1,4-Dichloro-2-butene
Concen: 52.965 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

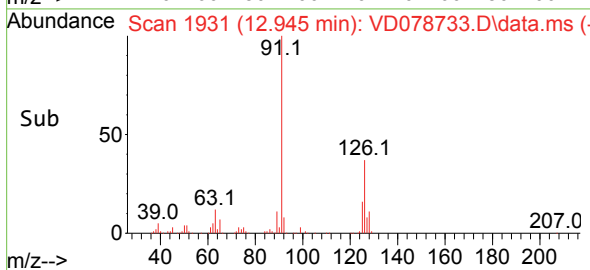
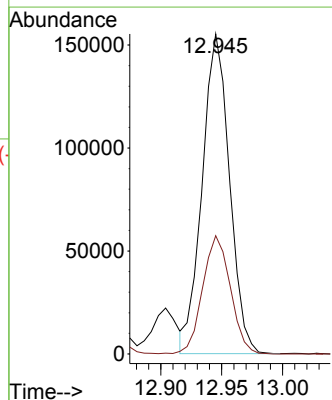
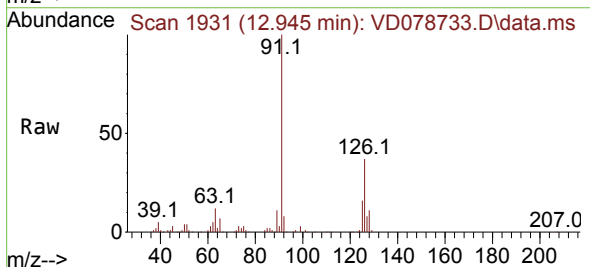
Instrument :
MSVOA_D
ClientSampleId :

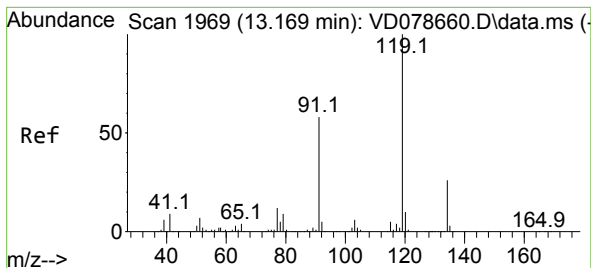
Tgt Ion: 75 Resp: 19438
Ion Ratio Lower Upper
75 100
53 76.4 61.0 91.6
89 40.6 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.188 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 91 Resp: 242325
Ion Ratio Lower Upper
91 100
126 37.6 18.9 56.5





#83

tert-Butylbenzene

Concen: 54.802 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

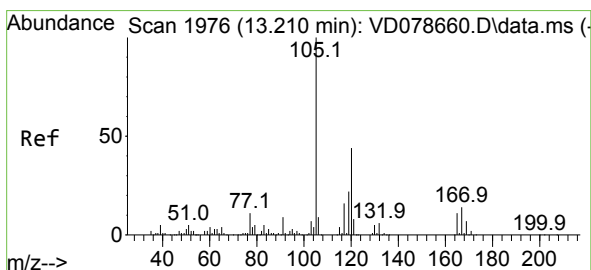
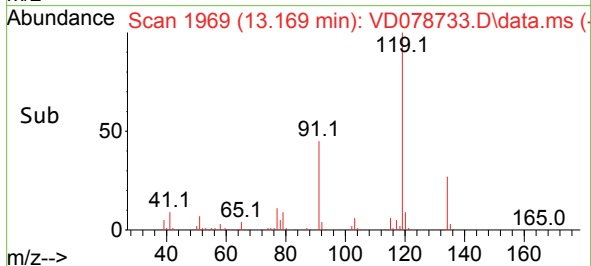
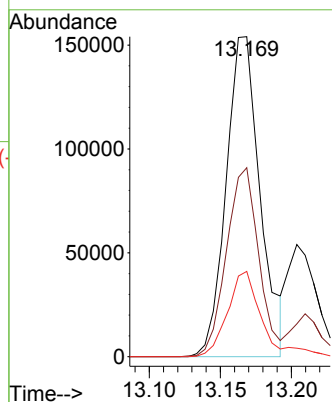
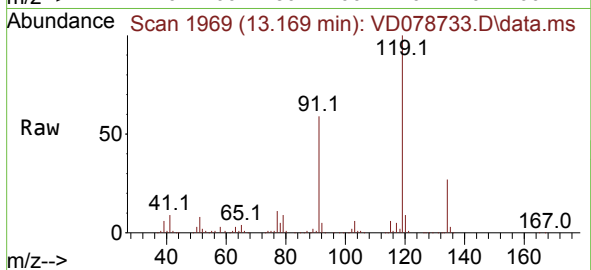
Tgt Ion:119 Resp: 256893

Ion Ratio Lower Upper

119 100

91 56.2 28.9 86.7

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 56.080 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078733.D

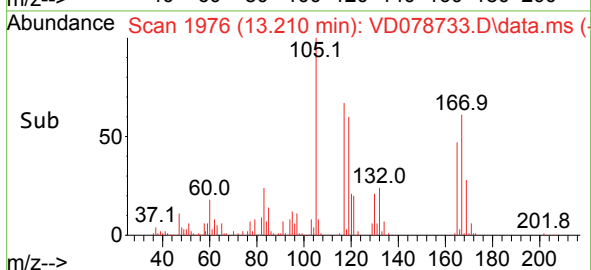
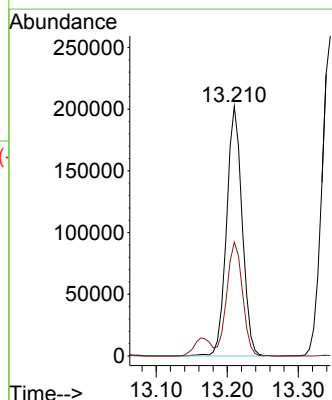
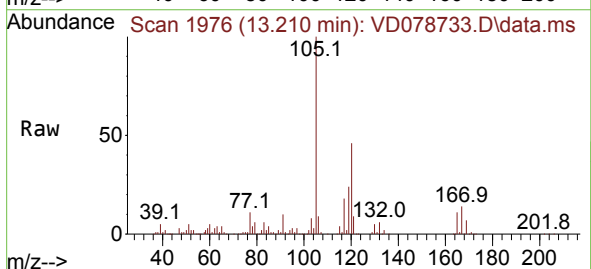
Acq: 21 Mar 2024 19:25

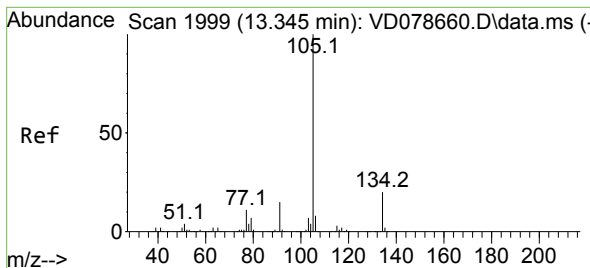
Tgt Ion:105 Resp: 307245

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.704 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

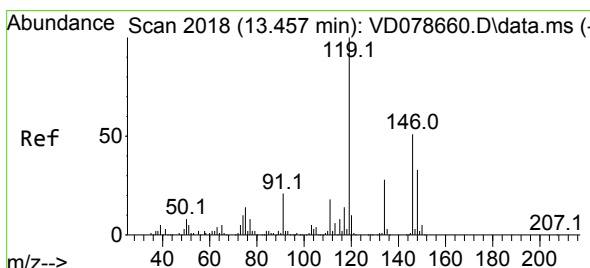
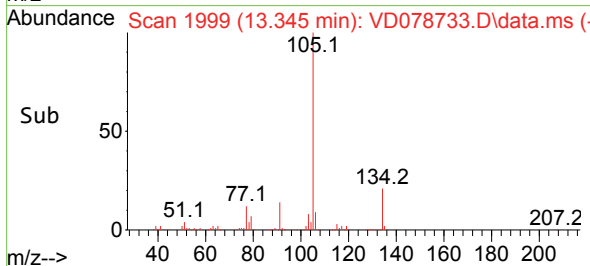
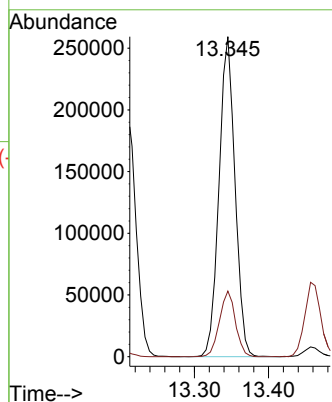
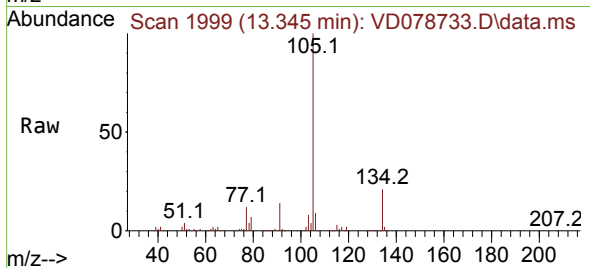
ClientSampleId :

Tgt Ion:105 Resp: 388069

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 55.061 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

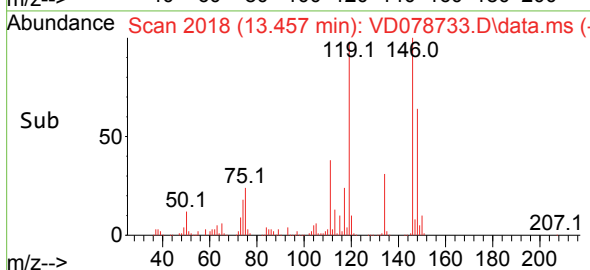
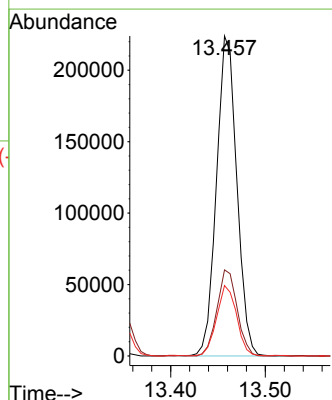
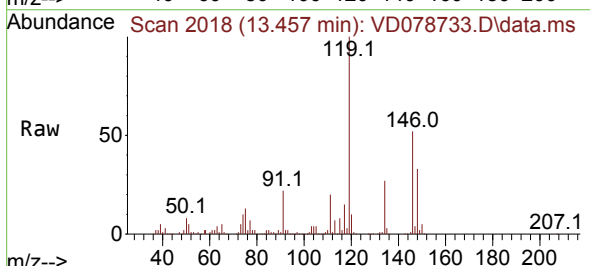
Tgt Ion:119 Resp: 334381

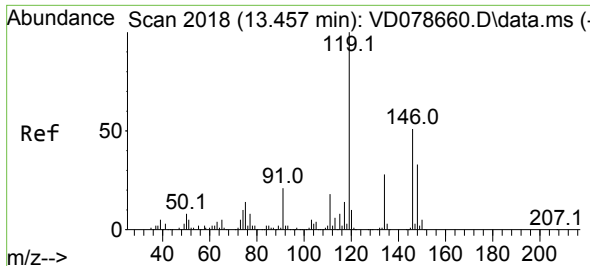
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.7 10.4 31.2

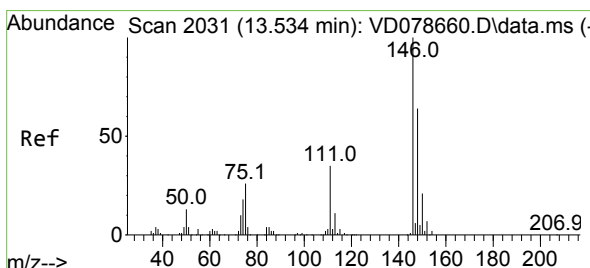
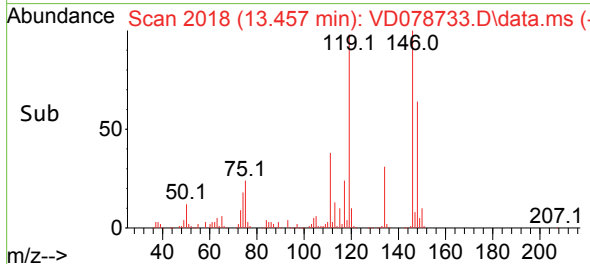
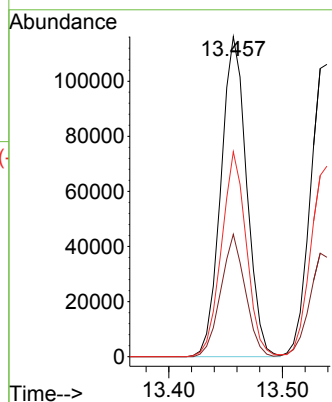
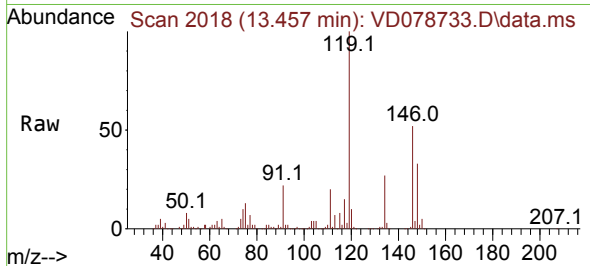




#87
1,3-Dichlorobenzene
Concen: 53.284 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

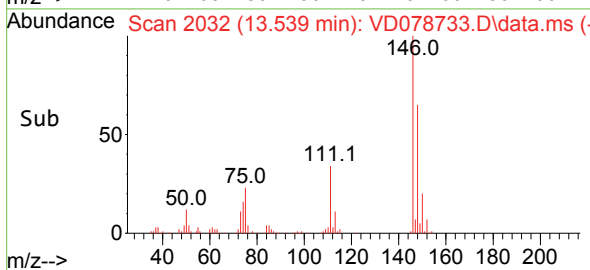
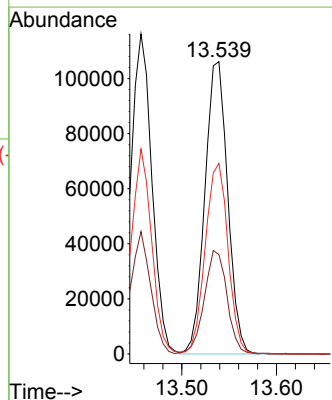
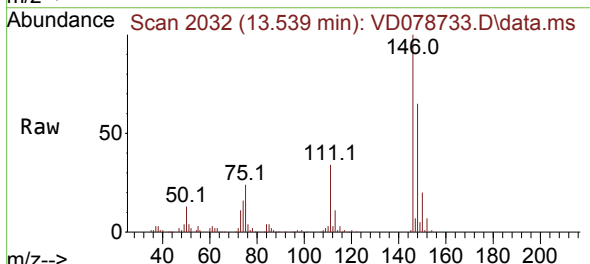
Instrument :
MSVOA_D
ClientSampleId :

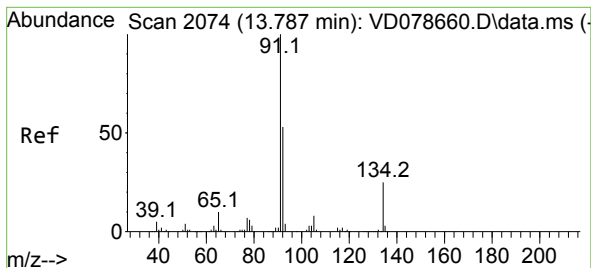
Tgt Ion:146 Resp: 183327
Ion Ratio Lower Upper
146 100
111 36.2 18.2 54.6
148 62.0 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 52.431 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion:146 Resp: 177779
Ion Ratio Lower Upper
146 100
111 35.3 17.8 53.3
148 65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 55.140 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

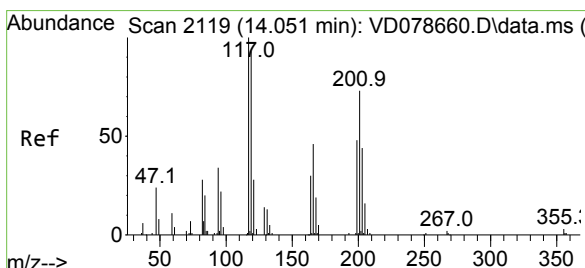
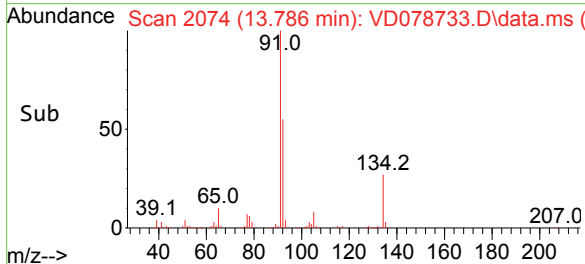
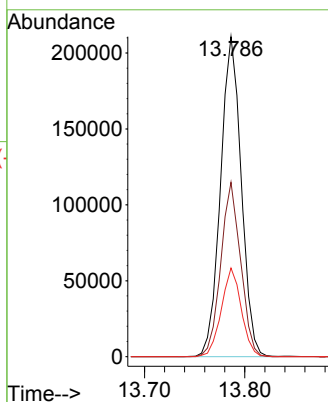
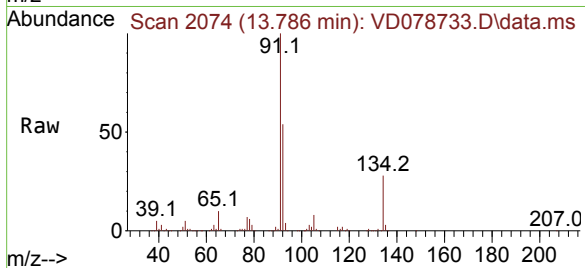
Tgt Ion: 91 Resp: 302423

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 51.450 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078733.D

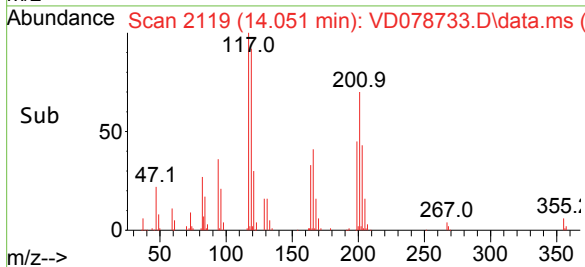
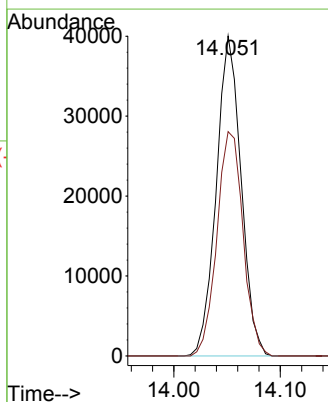
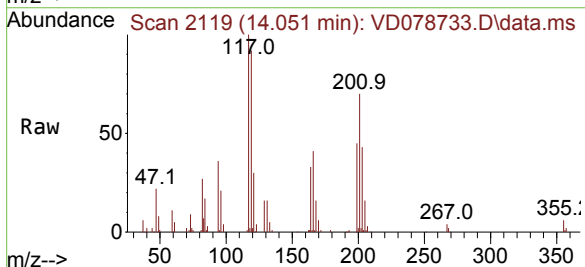
Acq: 21 Mar 2024 19:25

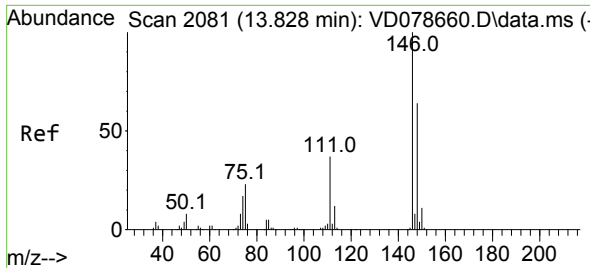
Tgt Ion: 117 Resp: 64651

Ion Ratio Lower Upper

117 100

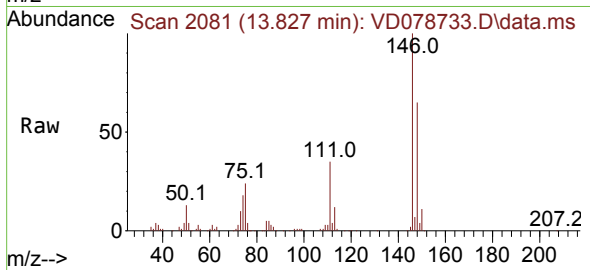
201 73.9 36.2 108.6



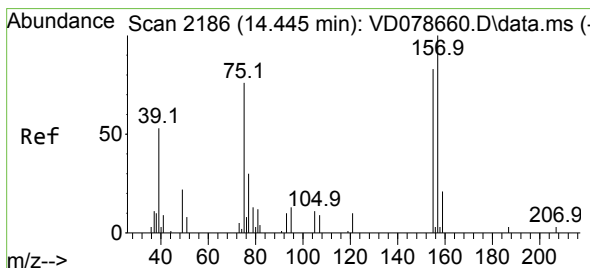
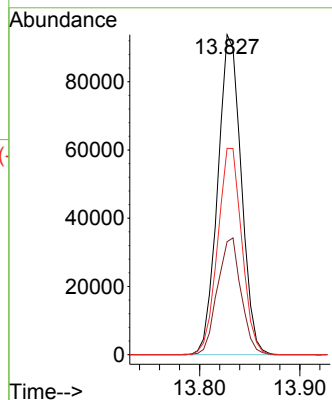
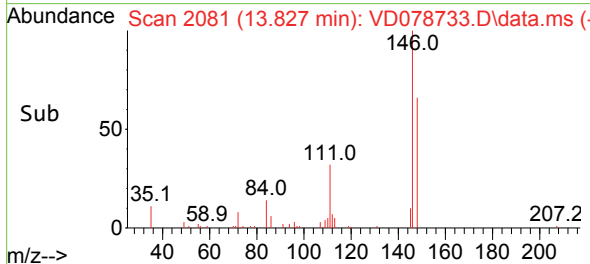


#91
1,2-Dichlorobenzene
Concen: 51.521 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :

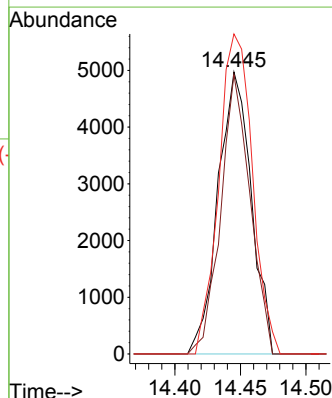
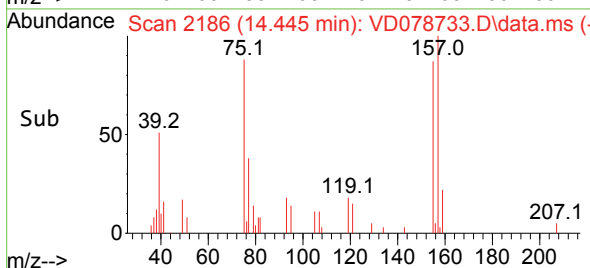
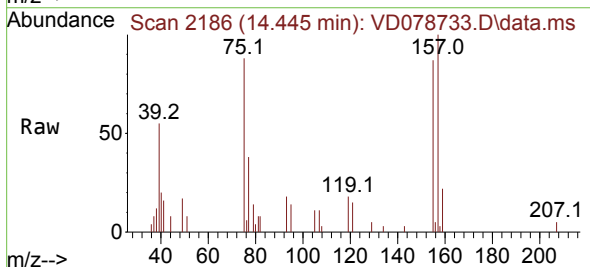


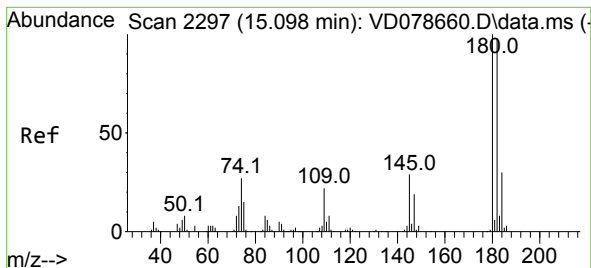
Tgt Ion:146 Resp: 152668
Ion Ratio Lower Upper
146 100
111 36.7 18.6 56.0
148 66.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.709 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion: 75 Resp: 8744
Ion Ratio Lower Upper
75 100
155 87.7 49.8 149.3
157 115.2 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 52.157 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

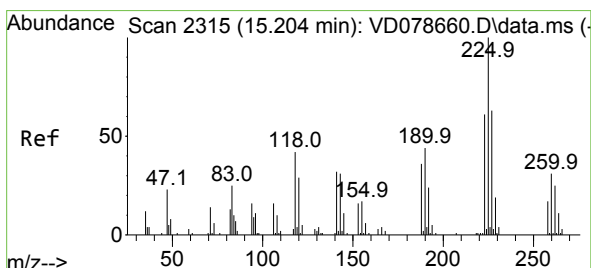
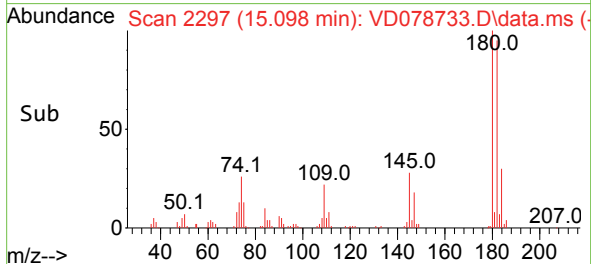
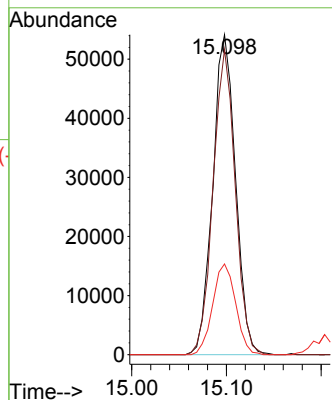
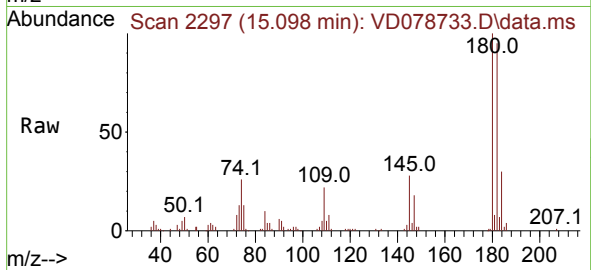
Tgt Ion:180 Resp: 90198

Ion Ratio Lower Upper

180 100

182 93.2 49.7 149.1

145 28.7 14.6 44.0



#94

Hexachlorobutadiene

Concen: 49.826 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078733.D

Acq: 21 Mar 2024 19:25

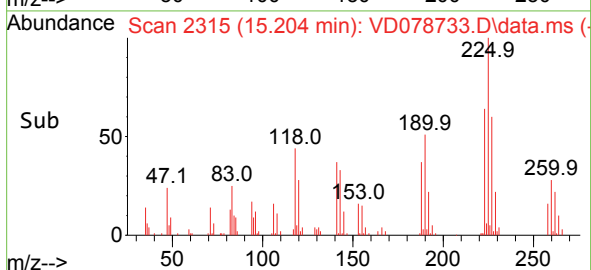
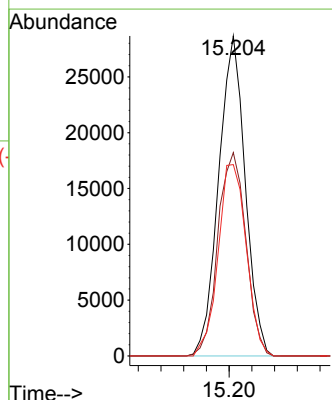
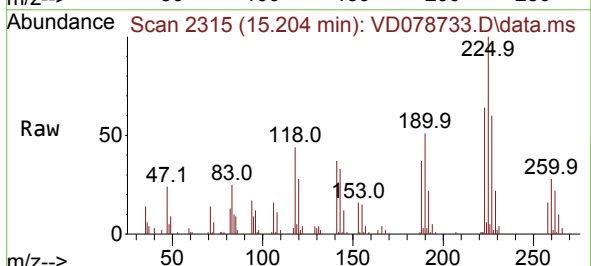
Tgt Ion:225 Resp: 46649

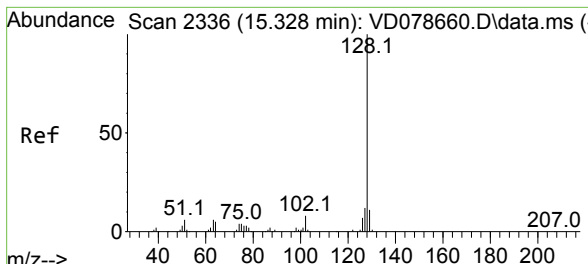
Ion Ratio Lower Upper

225 100

223 66.6 31.9 95.7

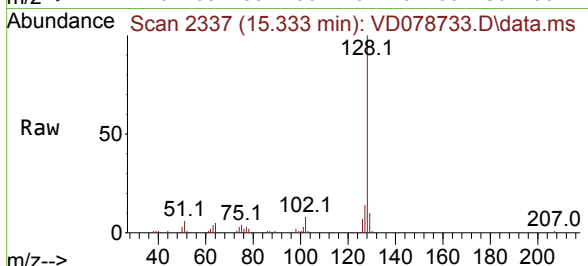
227 63.3 32.0 96.0



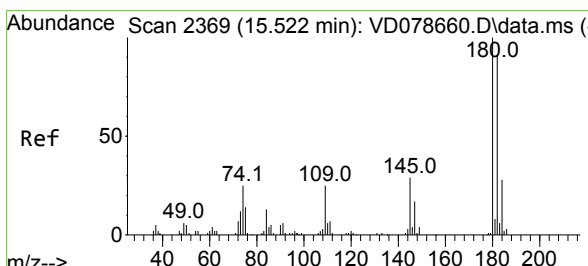
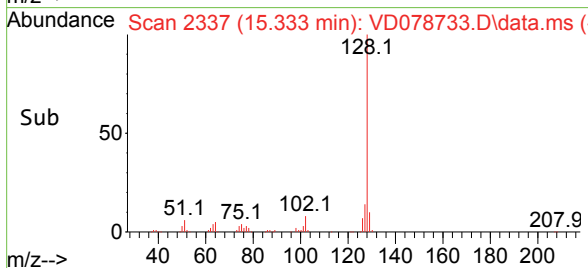
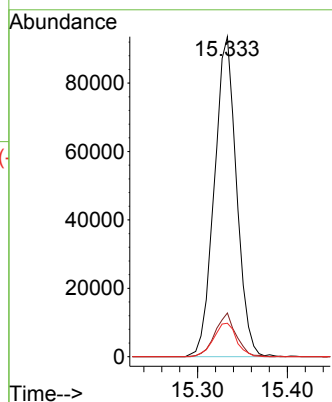


#95
Naphthalene
Concen: 53.378 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	160491
Ion Ratio	Lower	Upper	
128	100		
127	13.7	9.3	13.9
129	10.5	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.669 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078733.D
Acq: 21 Mar 2024 19:25

Tgt Ion:	180	Resp:	78799
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.7	140.1
145	30.8	14.4	43.4

