

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075506.D
 Acq On : 13 Mar 2023 13:25
 Operator : KP/SY
 Sample : VD0313SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBS01

Quant Time: Mar 14 05:56:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	109778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	185892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	167353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	83216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52678	52.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.760%	
35) Dibromofluoromethane	7.805	113	67085	52.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.269	98	273985	54.475	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.940%	
62) 4-Bromofluorobenzene	12.575	95	74663	51.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	23418	21.392	ug/l	96
3) Chloromethane	2.146	50	38076	20.755	ug/l	97
4) Vinyl Chloride	2.287	62	54230	20.584	ug/l	98
5) Bromomethane	2.687	94	40660	19.700	ug/l	99
6) Chloroethane	2.840	64	38213	21.655	ug/l	92
7) Trichlorofluoromethane	3.175	101	43469	20.472	ug/l	98
8) Diethyl Ether	3.593	74	11504	20.295	ug/l	62
9) 1,1,2-Trichlorotrifluo...	3.964	101	27511	19.912	ug/l	95
10) Methyl Iodide	4.164	142	31999	19.414	ug/l	90
11) Tert butyl alcohol	5.058	59	4405	95.767	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	26670	19.546	ug/l	85
13) Acrolein	3.799	56	9033	98.693	ug/l	98
14) Allyl chloride	4.558	41	22084	18.812	ug/l #	82
15) Acrylonitrile	5.258	53	19889	95.687	ug/l	96
16) Acetone	4.022	43	17406	92.565	ug/l #	85
17) Carbon Disulfide	4.275	76	84290	20.475	ug/l	100
18) Methyl Acetate	4.569	43	10221	19.382	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	44290	18.718	ug/l	95
20) Methylene Chloride	4.805	84	36664	22.731	ug/l #	73
21) trans-1,2-Dichloroethene	5.316	96	31352	20.213	ug/l #	75
22) Diisopropyl ether	6.216	45	50392	19.804	ug/l #	90
23) Vinyl Acetate	6.158	43	117933	95.503	ug/l #	84
24) 1,1-Dichloroethane	6.111	63	44076	19.998	ug/l	98
25) 2-Butanone	7.087	43	22011	94.764	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	41382	20.414	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	33527	20.171	ug/l	81
28) Bromochloromethane	7.428	49	14993	21.101	ug/l #	50
29) Tetrahydrofuran	7.446	42	11900	94.134	ug/l #	51
30) Chloroform	7.593	83	50141	20.484	ug/l	96
31) Cyclohexane	7.881	56	35244	19.864	ug/l #	67
32) 1,1,1-Trichloroethane	7.793	97	43888	20.448	ug/l	95
36) 1,1-Dichloropropene	8.010	75	37804	20.036	ug/l	92
37) Ethyl Acetate	7.169	43	9426	19.174	ug/l #	83
38) Carbon Tetrachloride	7.993	117	36180	20.013	ug/l	99
39) Methylcyclohexane	9.275	83	46083	19.372	ug/l #	88
40) Benzene	8.252	78	114072	20.174	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4858	18.753	ug/l #	68
42) 1,2-Dichloroethane	8.322	62	25144	20.201	ug/l	92
43) Isopropyl Acetate	8.357	43	17158	18.862	ug/l #	74
44) Trichloroethene	9.034	130	33104	19.920	ug/l	94
45) 1,2-Dichloropropane	9.304	63	24654	20.282	ug/l	92
46) Dibromomethane	9.399	93	15260	20.369	ug/l	100
47) Bromodichloromethane	9.581	83	35737	19.699	ug/l	95
48) Methyl methacrylate	9.381	41	8522	19.942	ug/l #	59
49) 1,4-Dioxane	9.387	88	2343	344.749	ug/l #	72
51) 4-Methyl-2-Pentanone	10.163	43	44176	93.379	ug/l #	79
52) Toluene	10.334	92	73652	20.101	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	31065	19.035	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	39462	19.690	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	20975	19.777	ug/l	94
56) Ethyl methacrylate	10.599	69	19417	19.228	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	31321	19.189	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.875	63	47151	95.407	ug/l #	87
59) 2-Hexanone	10.922	43	31236	93.365	ug/l	76
60) Dibromochloromethane	11.075	129	24585	19.620	ug/l	99
61) 1,2-Dibromoethane	11.181	107	19418	19.440	ug/l	97
64) Tetrachloroethene	10.810	164	27097	20.517	ug/l	98
65) Chlorobenzene	11.610	112	77027	19.407	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	26905	19.787	ug/l	95
67) Ethyl Benzene	11.687	91	132293	19.354	ug/l	98
68) m/p-Xylenes	11.793	106	109443	39.837	ug/l	91
69) o-Xylene	12.122	106	48547	19.028	ug/l	95
70) Styrene	12.140	104	82131	19.352	ug/l	95
71) Bromoform	12.304	173	13479	19.414	ug/l #	96
73) Isopropylbenzene	12.428	105	127051	19.065	ug/l	98
74) N-amyl acetate	12.240	43	15159	18.363	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	21382	18.919	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	24195	35.451	ug/l #	100
77) Bromobenzene	12.704	156	30522	19.265	ug/l	88
78) n-propylbenzene	12.769	91	160009	19.761	ug/l	98
79) 2-Chlorotoluene	12.851	91	86167	19.638	ug/l	93
80) 1,3,5-Trimethylbenzene	12.910	105	105151	19.242	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	5997	18.483	ug/l #	78
82) 4-Chlorotoluene	12.951	91	87898	19.413	ug/l	94
83) tert-Butylbenzene	13.169	119	87546	18.433	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	105040	19.889	ug/l	95
85) sec-Butylbenzene	13.351	105	141199	19.203	ug/l	98
86) p-Isopropyltoluene	13.463	119	116733	19.429	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	61924	18.909	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	61826	19.084	ug/l	98
89) n-Butylbenzene	13.792	91	107537	19.516	ug/l	99
90) Hexachloroethane	14.057	117	22488	19.383	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	52813	19.057	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2408	16.930	ug/l	68
93) 1,2,4-Trichlorobenzene	15.104	180	29509	18.259	ug/l	97
94) Hexachlorobutadiene	15.210	225	15240	19.771	ug/l	97
95) Naphthalene	15.339	128	51978	17.520	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	24935	17.880	ug/l	99

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QLast Update : Fri Mar 10 23:52:37 2023
Response via : Initial Calibration

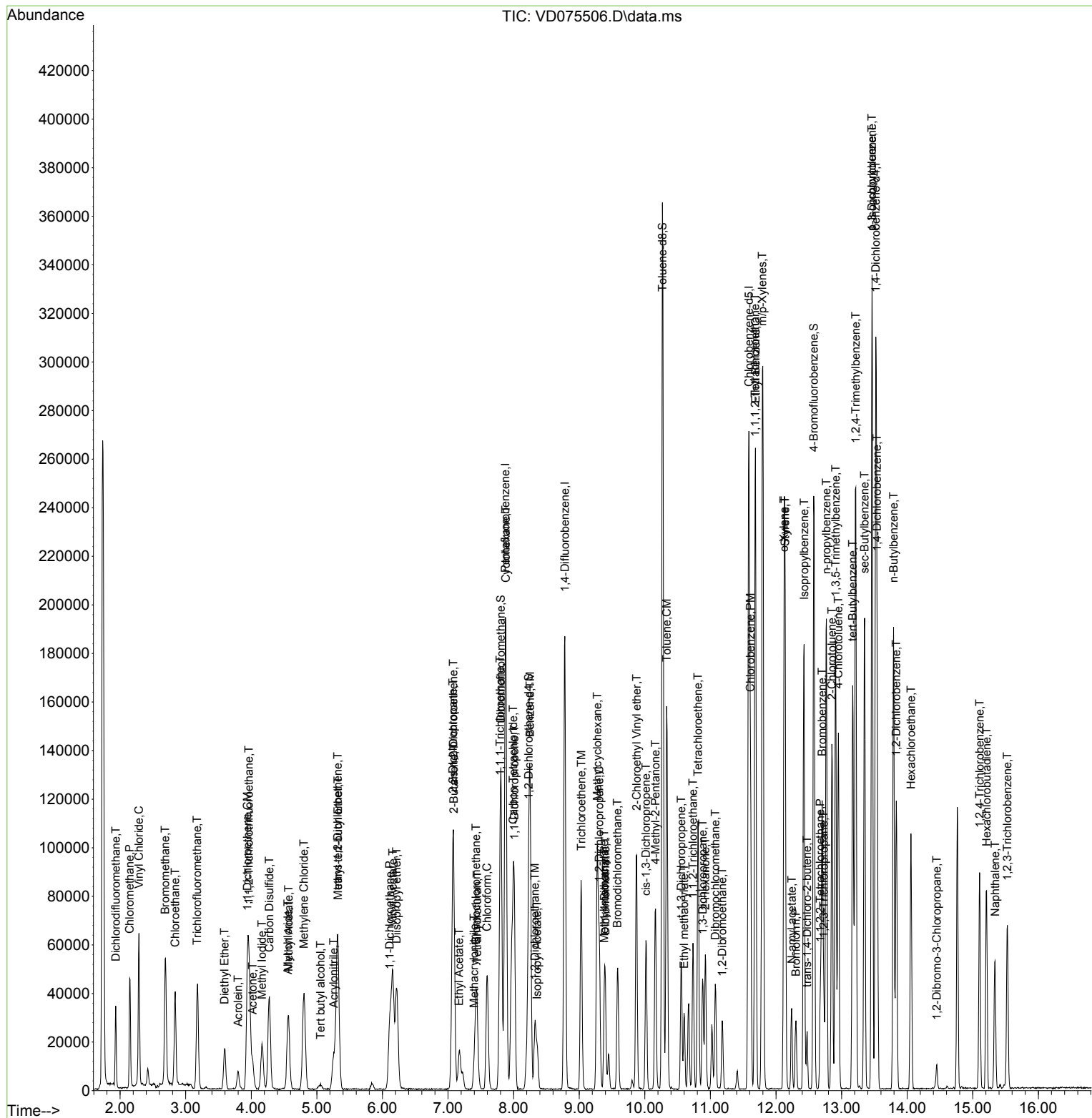
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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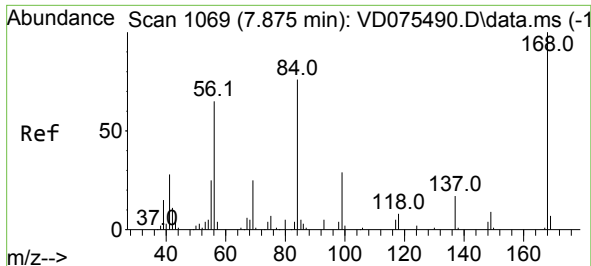
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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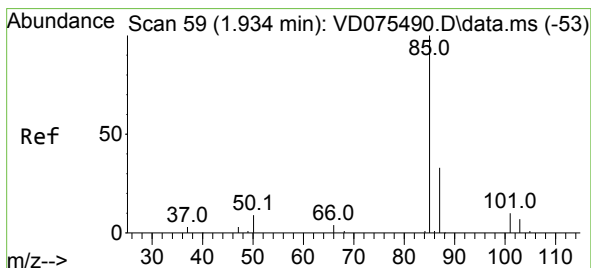
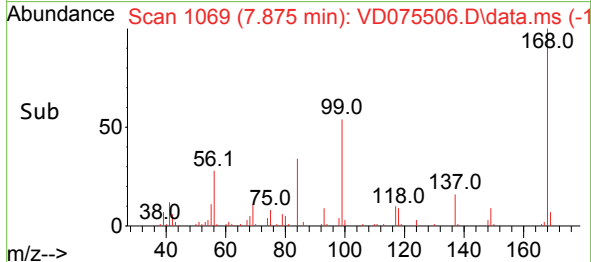
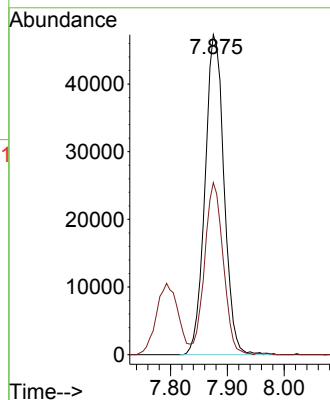
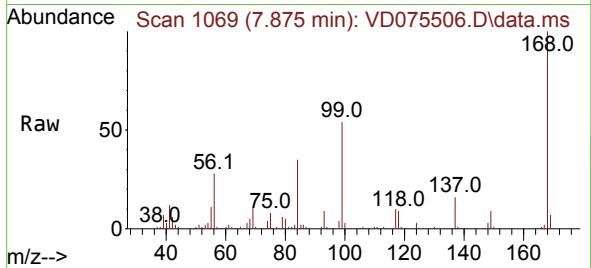




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075506.D
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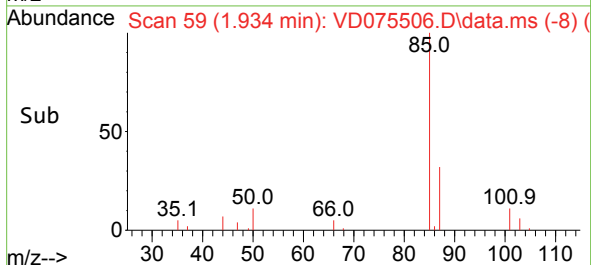
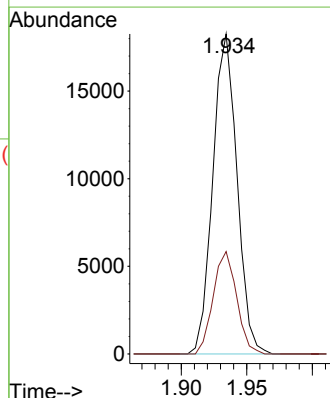
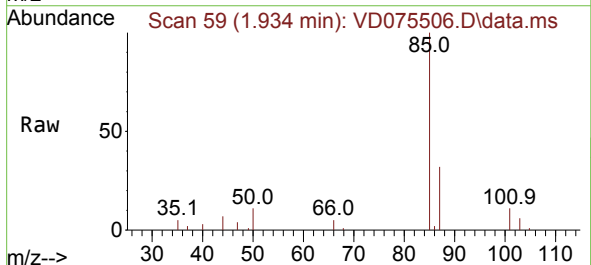
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

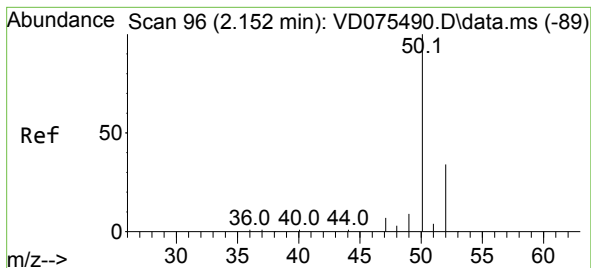
Tgt Ion:168 Resp: 109778
Ion Ratio Lower Upper
168 100
99 53.7 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 21.392 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 85 Resp: 23418
Ion Ratio Lower Upper
85 100
87 32.0 17.3 51.7





#3

Chloromethane

Concen: 20.755 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

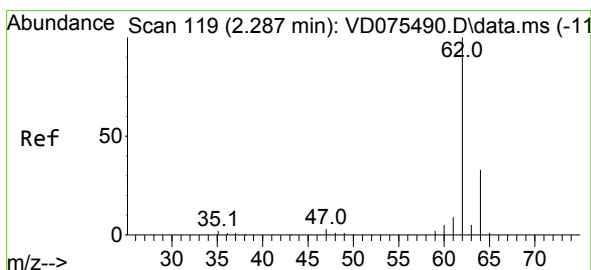
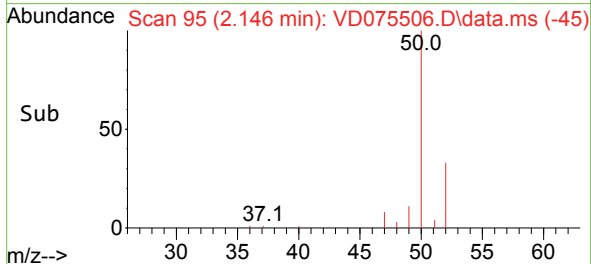
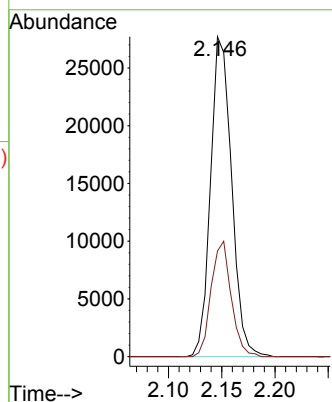
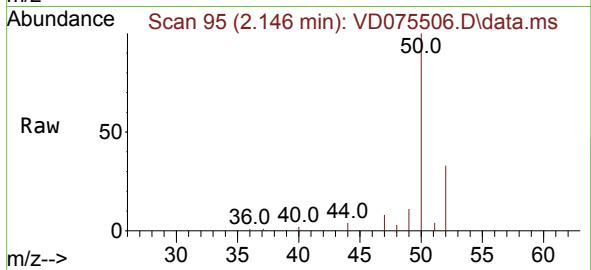
VD0313SBS01

Tgt Ion: 50 Resp: 38076

Ion Ratio Lower Upper

50 100

52 33.0 27.8 41.8



#4

Vinyl Chloride

Concen: 20.584 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD075506.D

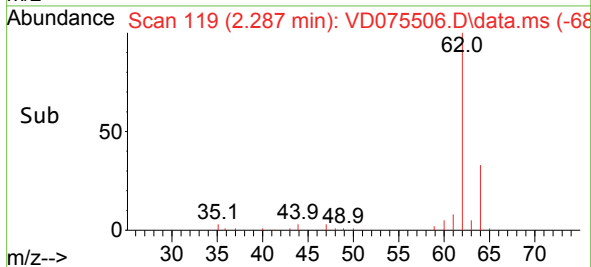
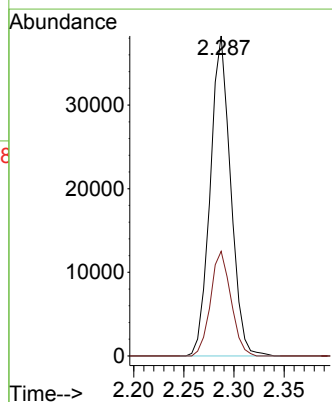
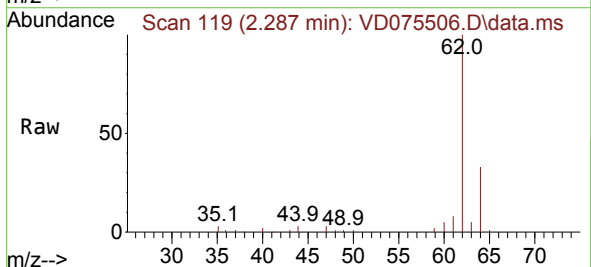
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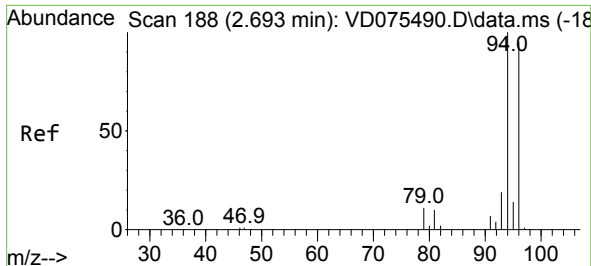
Tgt Ion: 62 Resp: 54230

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0

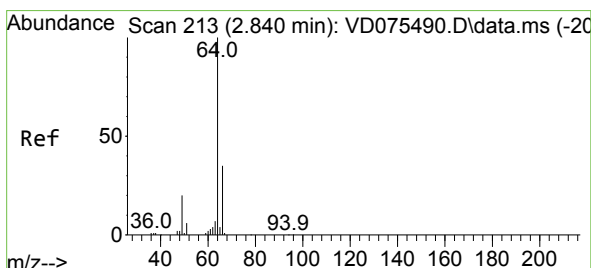
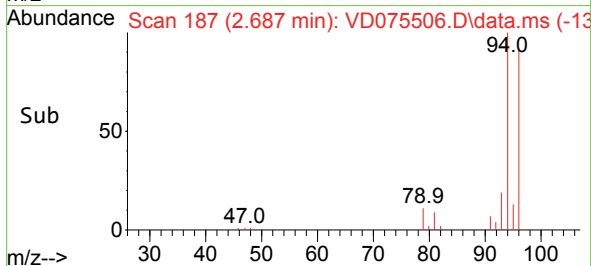
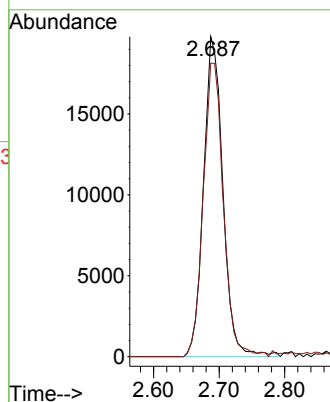
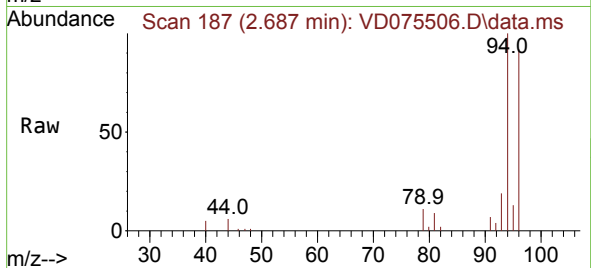




#5
Bromomethane
Concen: 19.700 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

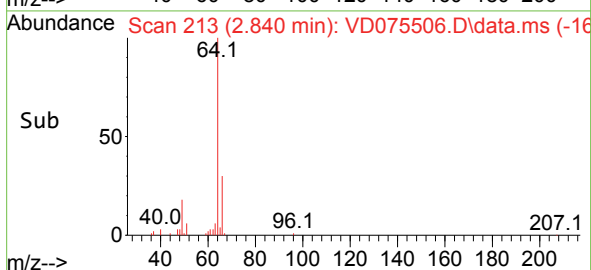
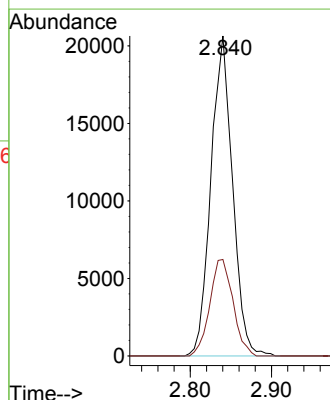
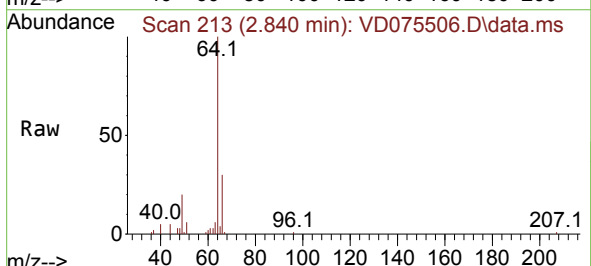
Instrument :
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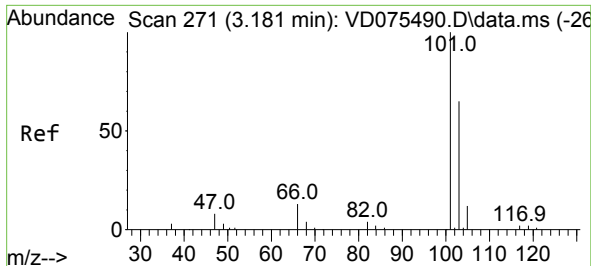
Tgt Ion: 94 Resp: 40660
Ion Ratio Lower Upper
94 100
96 95.5 77.5 116.3



#6
Chloroethane
Concen: 21.655 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 64 Resp: 38213
Ion Ratio Lower Upper
64 100
66 30.1 27.7 41.5

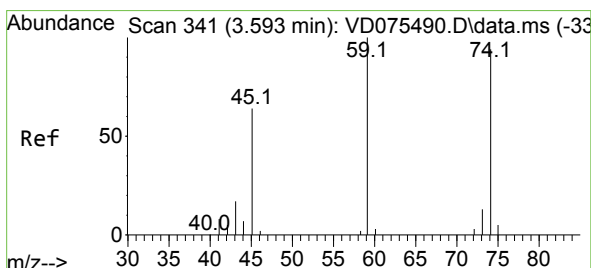
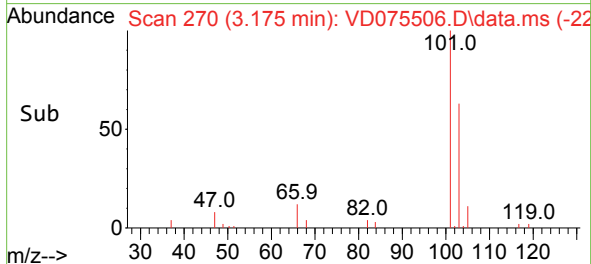
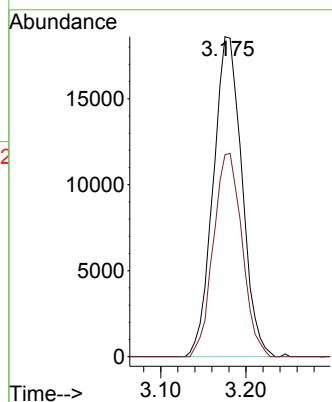
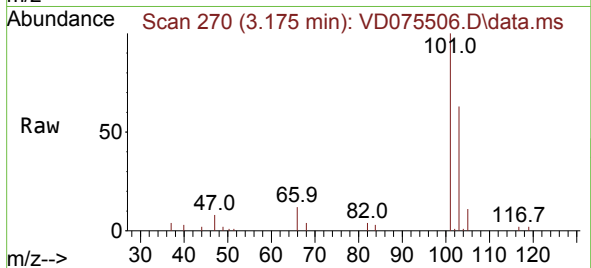




#7
Trichlorofluoromethane
Concen: 20.472 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

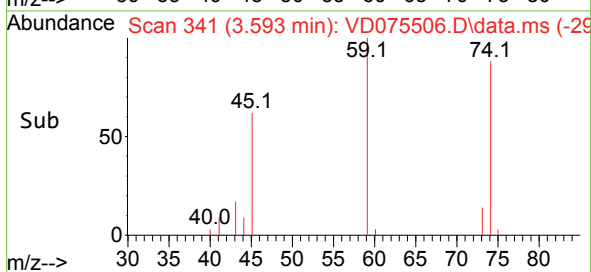
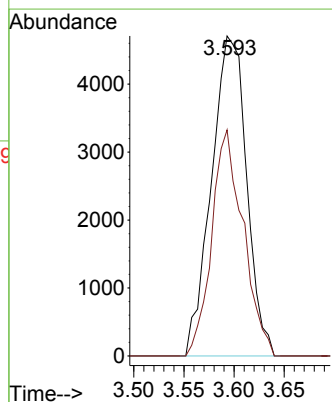
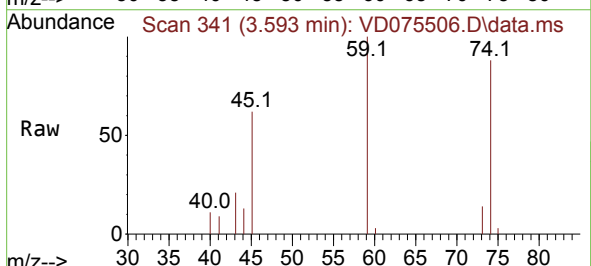
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

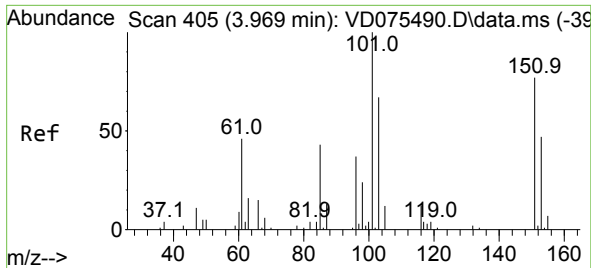
Tgt Ion:101 Resp: 43469
Ion Ratio Lower Upper
101 100
103 63.1 51.9 77.9



#8
Diethyl Ether
Concen: 20.295 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 74 Resp: 11504
Ion Ratio Lower Upper
74 100
45 63.1 50.9 152.7

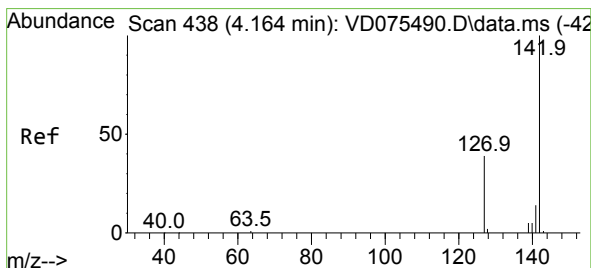
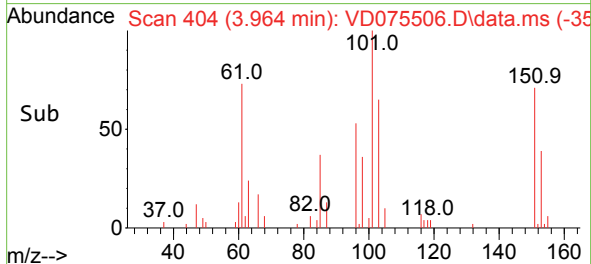
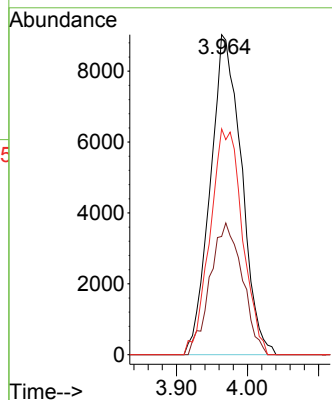
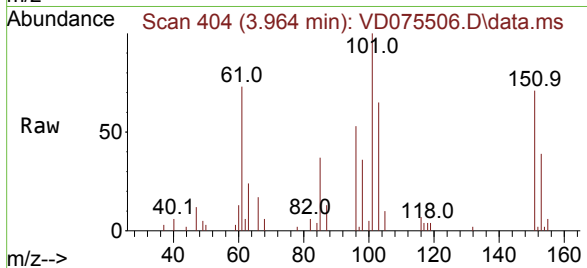




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.912 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

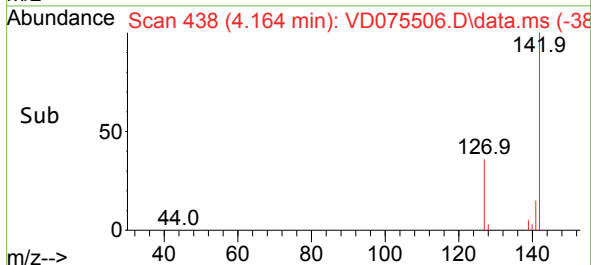
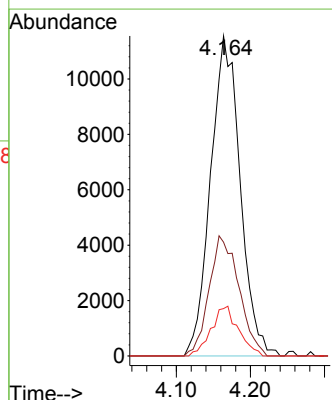
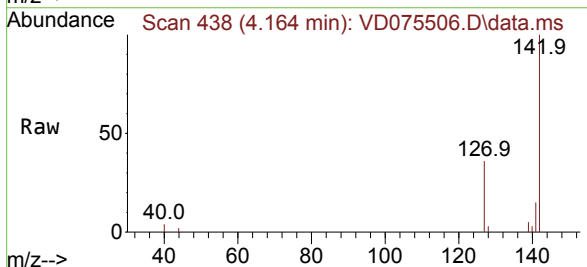
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

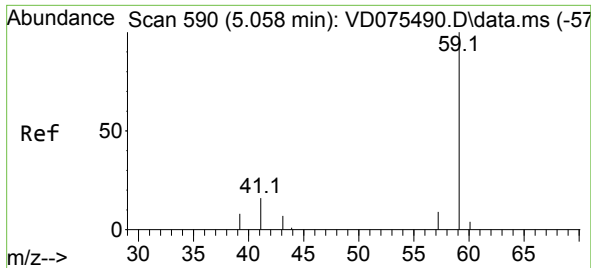
Tgt Ion:101 Resp: 27511
Ion Ratio Lower Upper
101 100
85 42.6 38.3 57.5
151 73.1 60.4 90.6



#10
Methyl Iodide
Concen: 19.414 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion:142 Resp: 31999
Ion Ratio Lower Upper
142 100
127 37.9 37.1 55.7
141 14.3 11.3 16.9

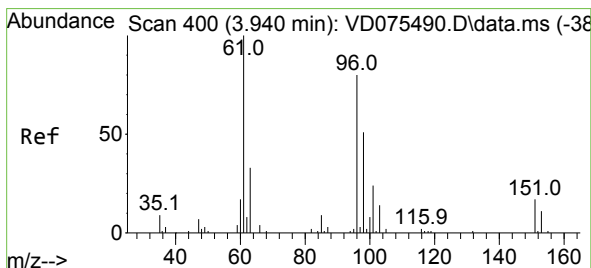
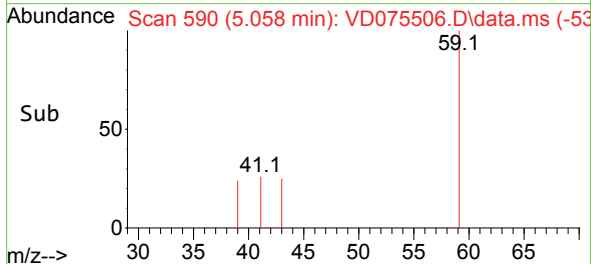
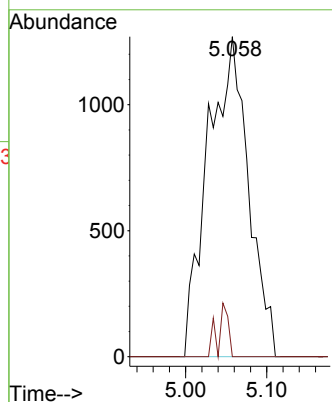
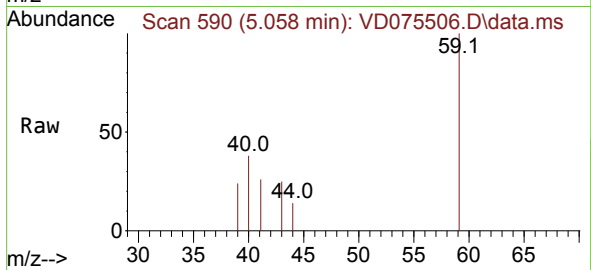




#11
Tert butyl alcohol
Concen: 95.767 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

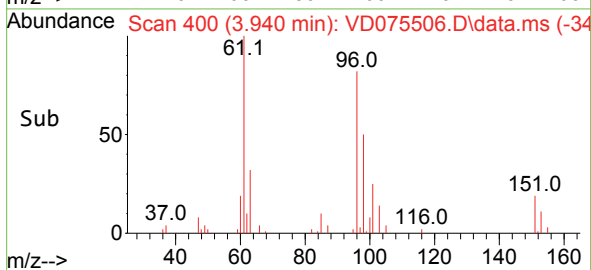
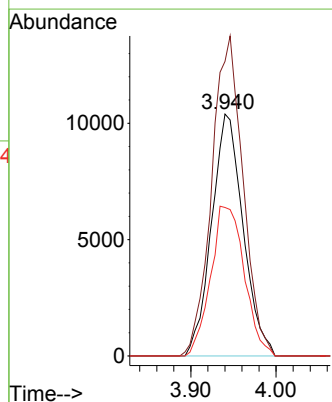
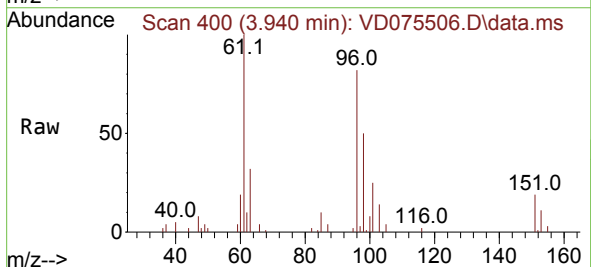
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

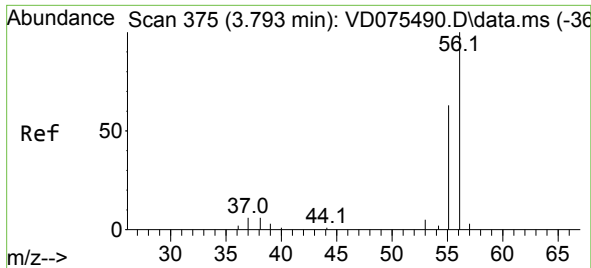
Tgt Ion: 59 Resp: 4405
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 19.546 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 96 Resp: 26670
Ion Ratio Lower Upper
96 100
61 121.8 118.6 177.8
98 61.4 49.7 74.5





#13

Acrolein

Concen: 98.693 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

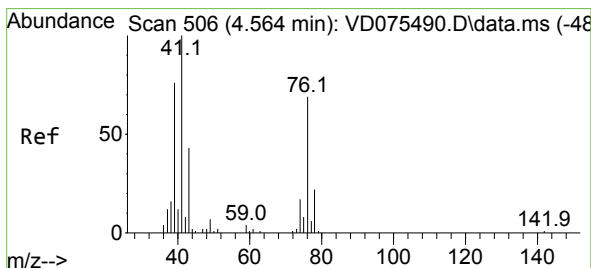
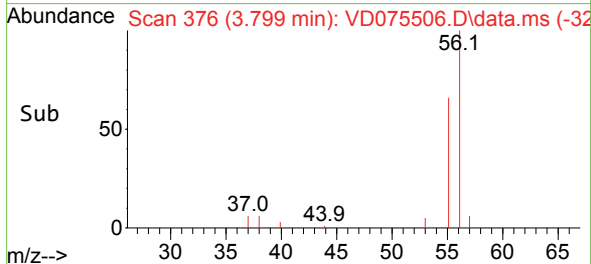
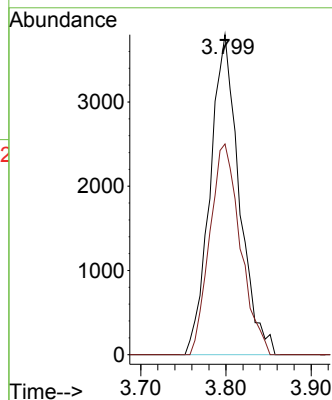
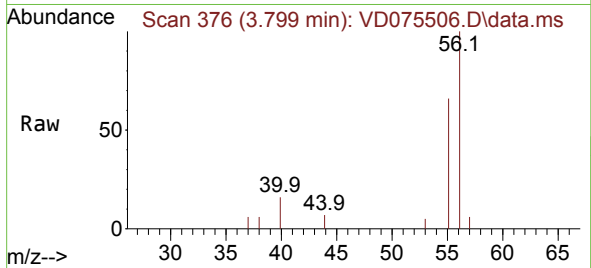
VD0313SBS01

Tgt Ion: 56 Resp: 9033

Ion Ratio Lower Upper

56 100

55 69.2 53.9 80.9



#14

Allyl chloride

Concen: 18.812 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

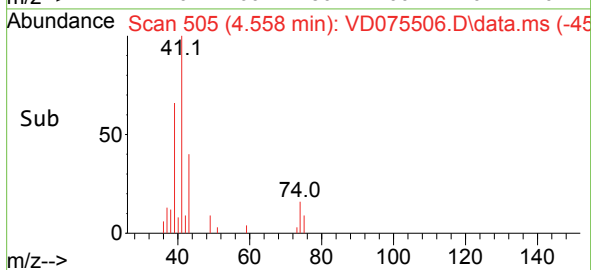
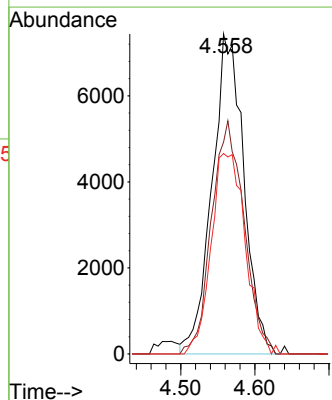
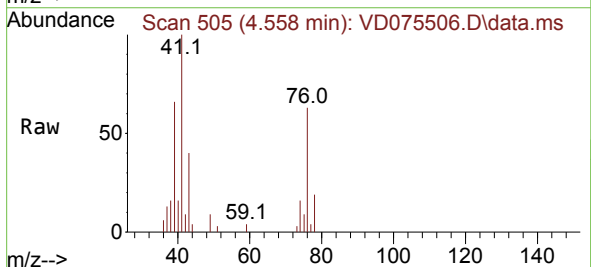
Tgt Ion: 41 Resp: 22084

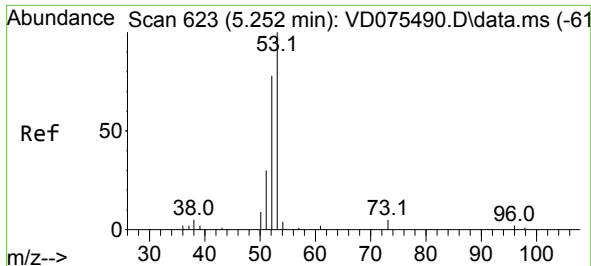
Ion Ratio Lower Upper

41 100

39 74.7 60.6 90.8

76 67.4 28.6 43.0#

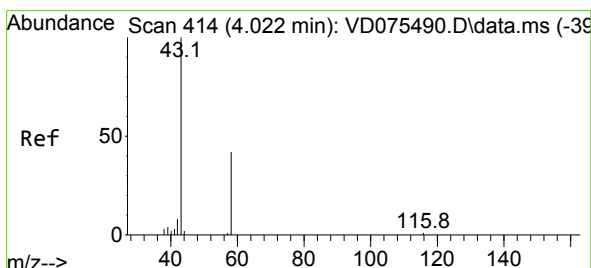
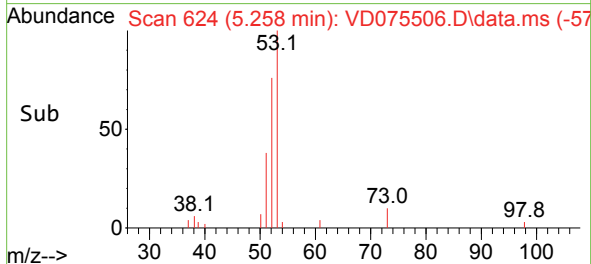
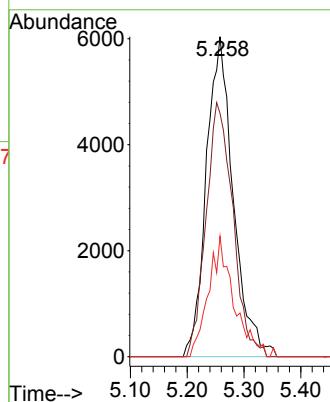
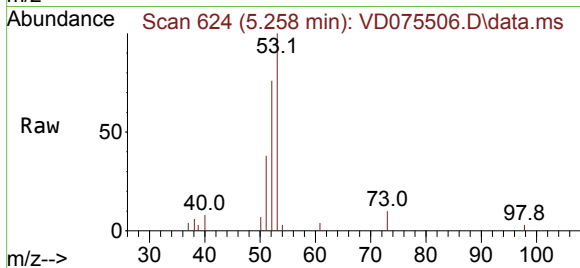




#15
Acrylonitrile
Concen: 95.687 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

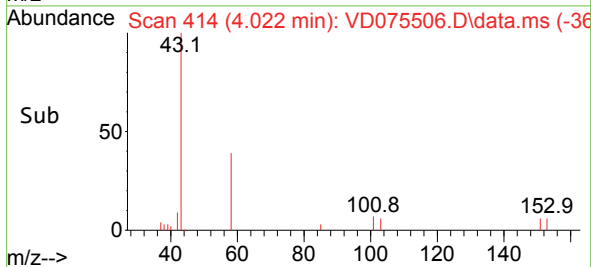
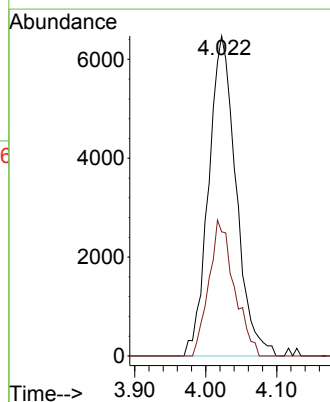
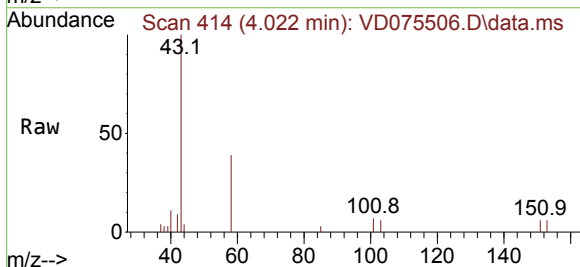
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

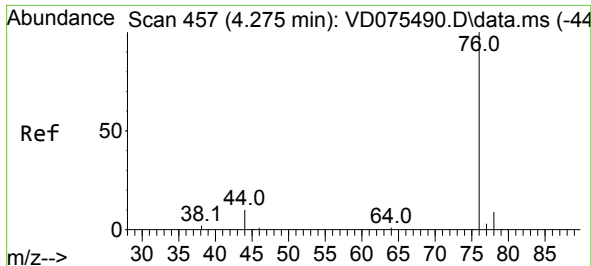
Tgt Ion: 53	Resp: 19889
Ion Ratio	Lower Upper
53 100	
52 79.0	66.2 99.4
51 35.3	30.7 46.1



#16
Acetone
Concen: 92.565 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 43	Resp: 17406
Ion Ratio	Lower Upper
43 100	
58 38.8	24.4 36.6

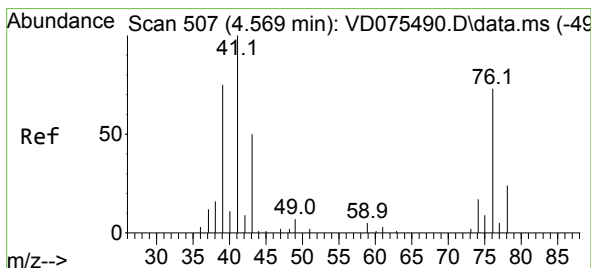
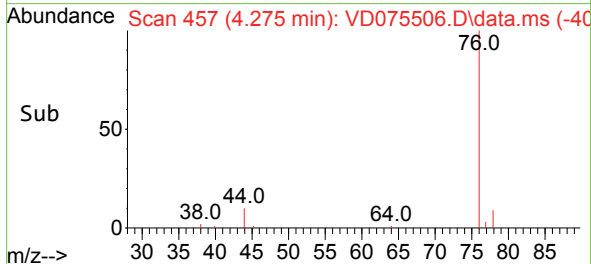
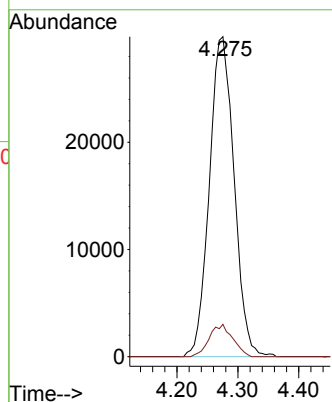
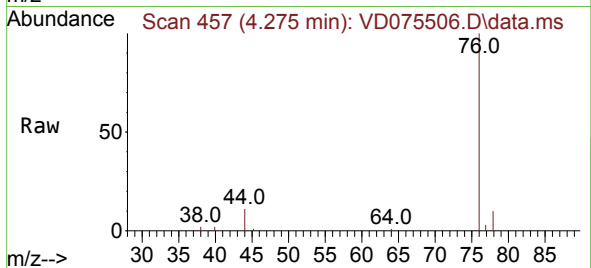




#17
Carbon Disulfide
Concen: 20.475 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

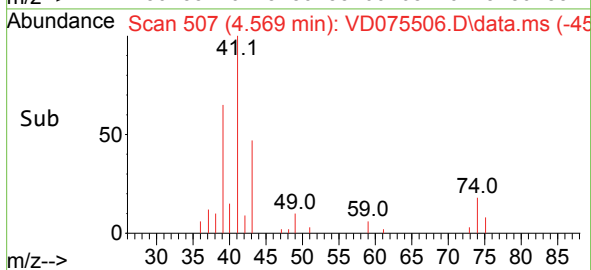
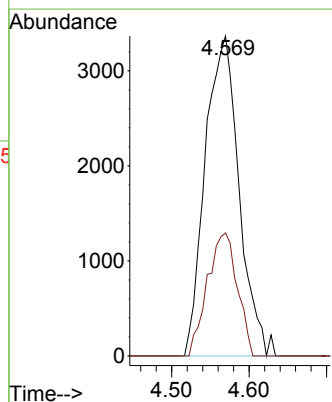
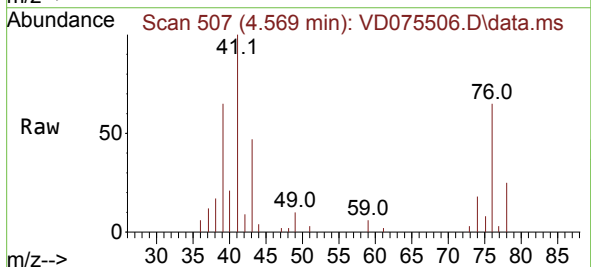
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

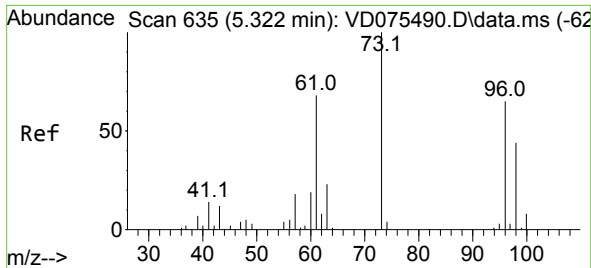
Tgt Ion: 76 Resp: 84290
Ion Ratio Lower Upper
76 100
78 10.1 8.0 12.0



#18
Methyl Acetate
Concen: 19.382 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 43 Resp: 10221
Ion Ratio Lower Upper
43 100
74 33.9 17.8 26.6#

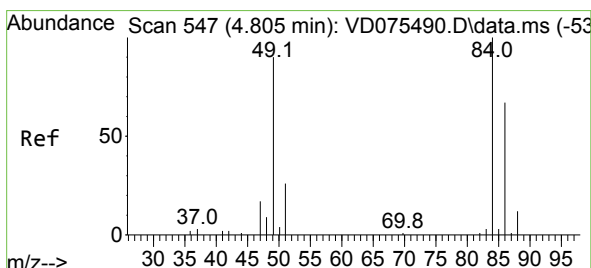
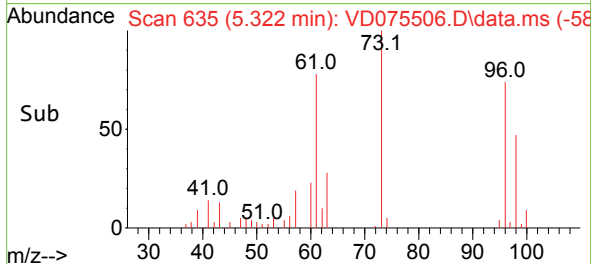
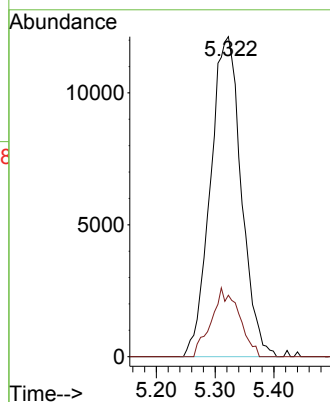
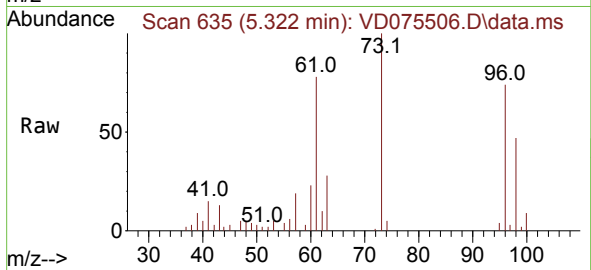




#19
Methyl tert-butyl Ether
Concen: 18.718 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

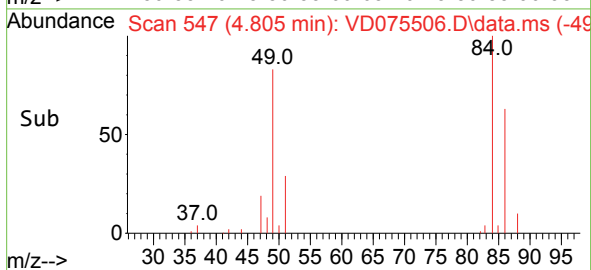
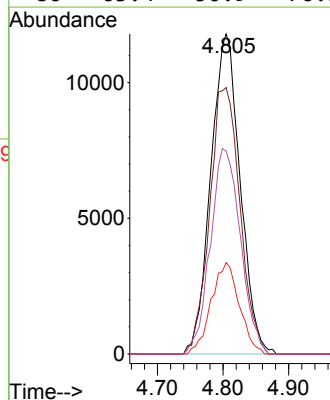
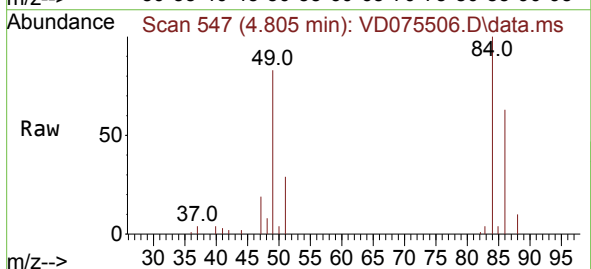
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

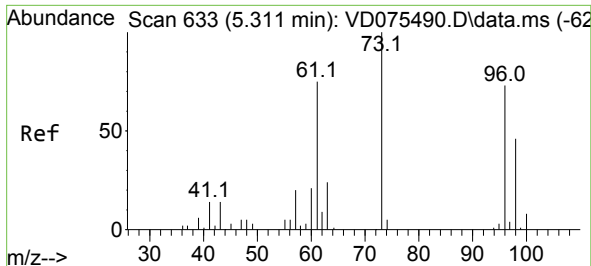
Tgt Ion: 73 Resp: 44290
Ion Ratio Lower Upper
73 100
57 19.2 17.2 25.8



#20
Methylene Chloride
Concen: 22.731 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 84 Resp: 36664
Ion Ratio Lower Upper
84 100
49 83.2 106.4 159.6#
51 28.6 32.4 48.6#
86 63.4 50.9 76.3

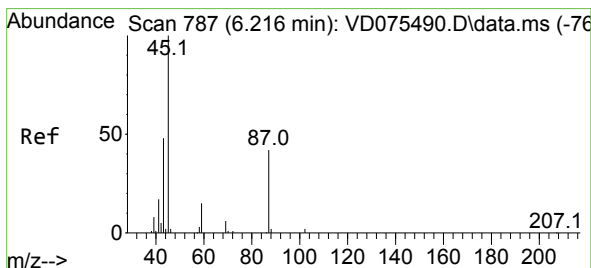
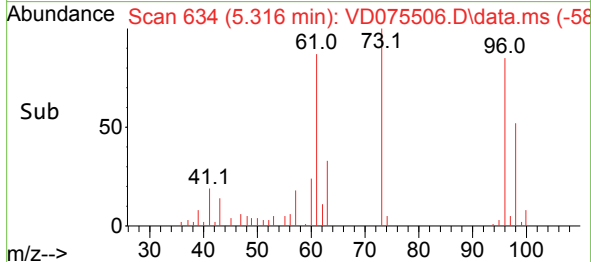
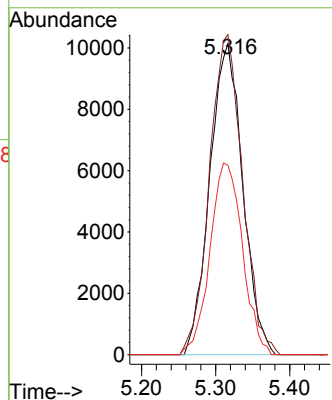
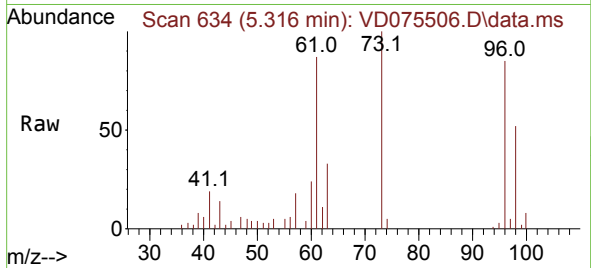




#21
trans-1,2-Dichloroethene
Concen: 20.213 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

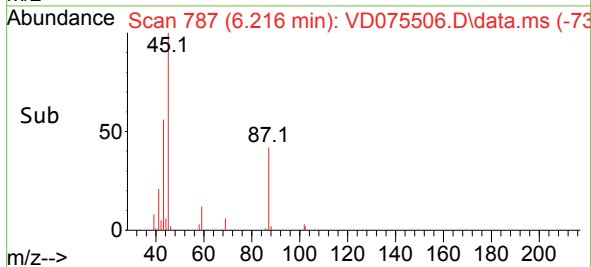
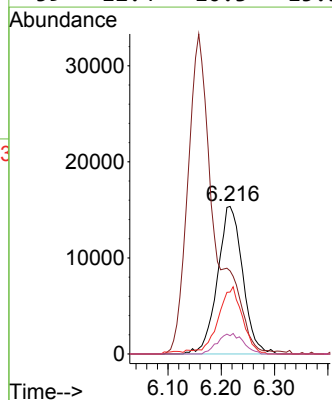
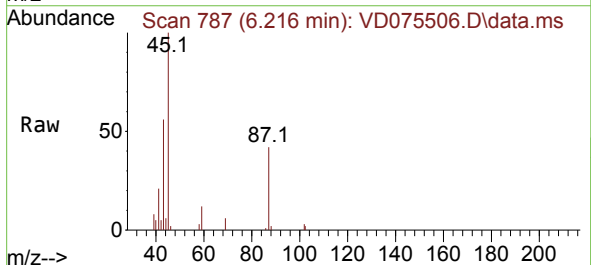
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

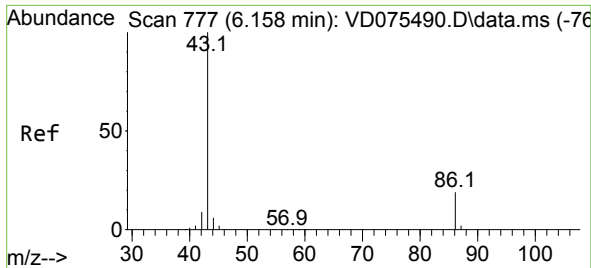
Tgt Ion: 96 Resp: 31352
Ion Ratio Lower Upper
96 100
61 103.0 117.2 175.8#
98 60.9 50.6 76.0



#22
Diisopropyl ether
Concen: 19.804 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 45 Resp: 50392
Ion Ratio Lower Upper
45 100
43 54.5 44.4 66.6
87 42.0 20.9 31.3#
59 12.4 10.3 15.5

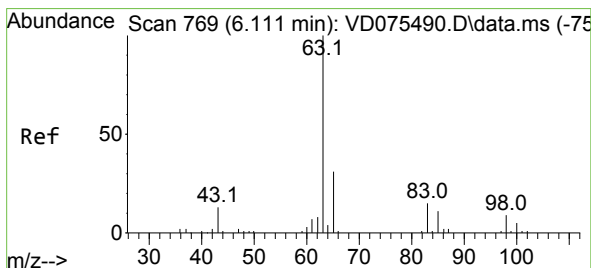
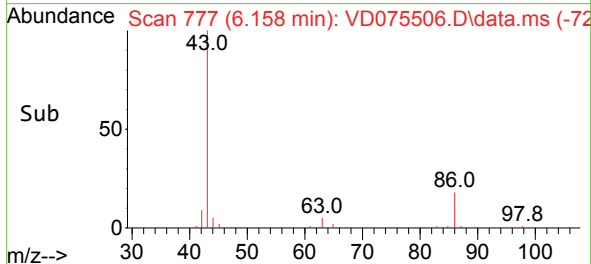
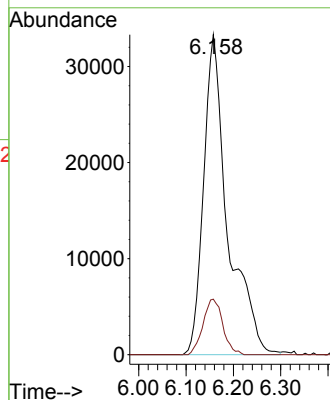
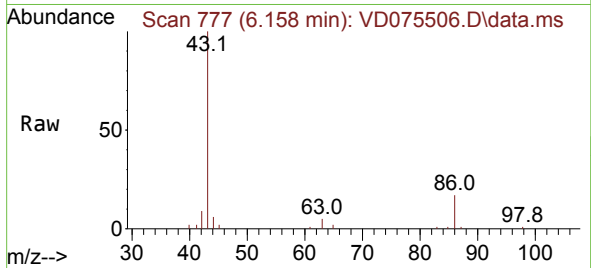




#23
 Vinyl Acetate
 Concen: 95.503 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

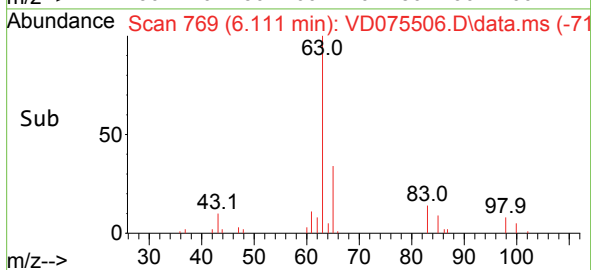
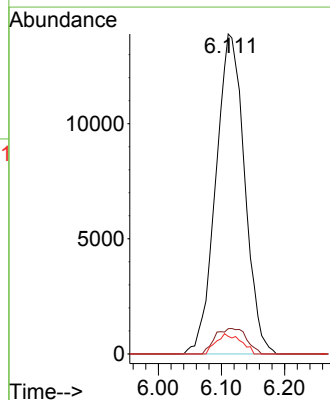
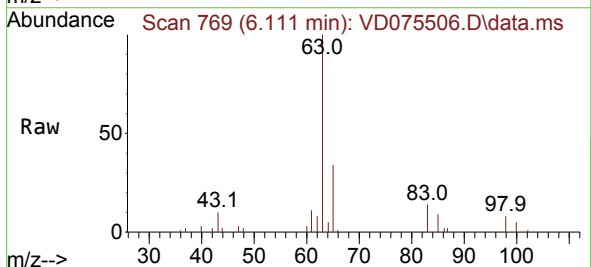
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBS01

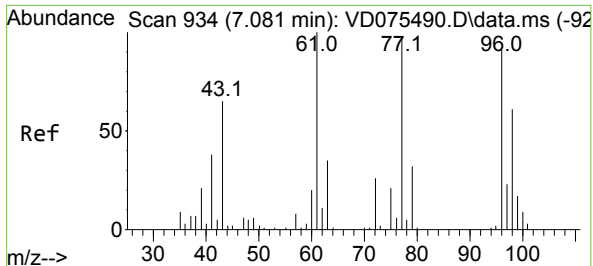
Tgt Ion: 43 Resp: 117933
 Ion Ratio Lower Upper
 43 100
 86 17.4 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 19.998 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

Tgt Ion: 63 Resp: 44076
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.5 2.0 6.0

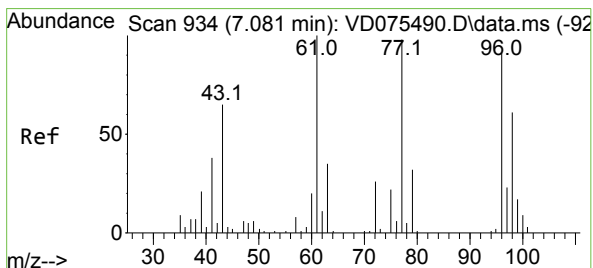
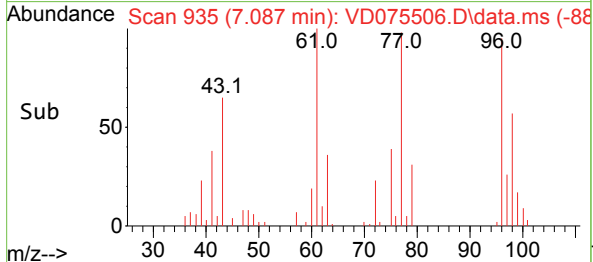
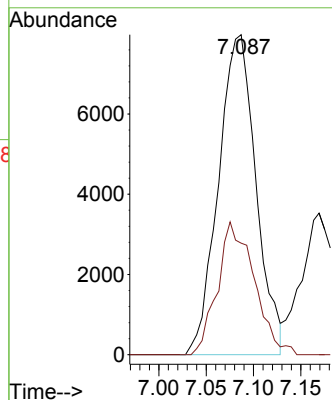
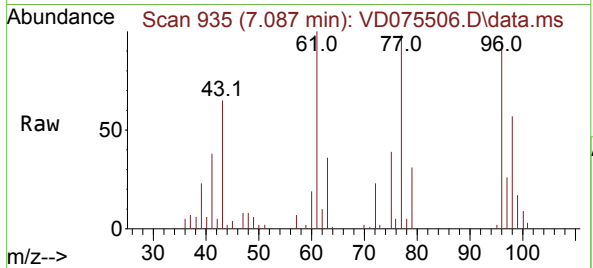




#25
2-Butanone
Concen: 94.764 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

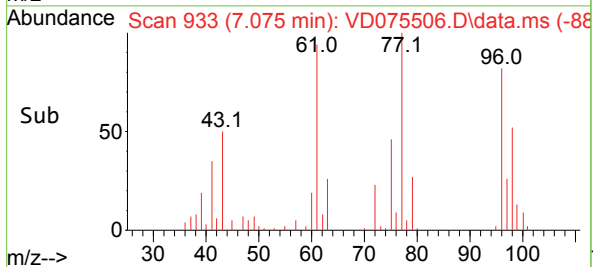
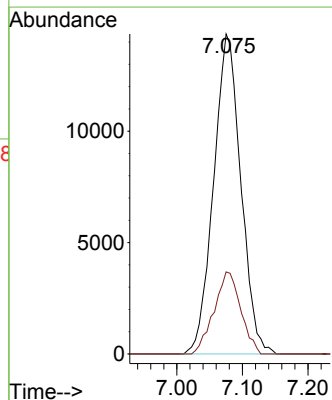
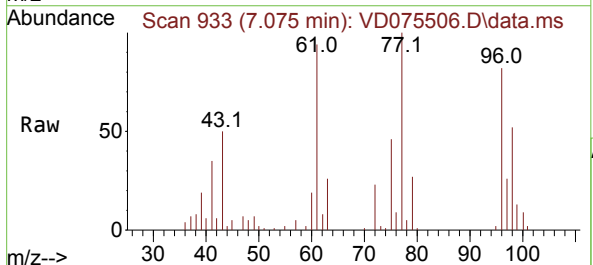
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

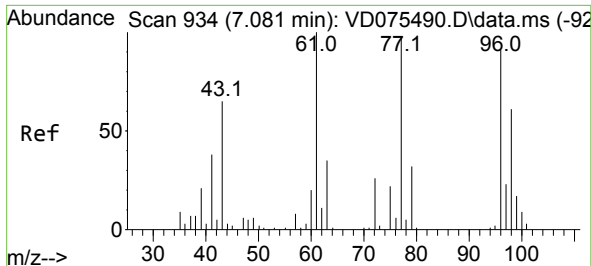
Tgt Ion: 43 Resp: 22011
Ion Ratio Lower Upper
43 100
72 34.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 20.414 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 77 Resp: 41382
Ion Ratio Lower Upper
77 100
97 25.1 11.1 33.1



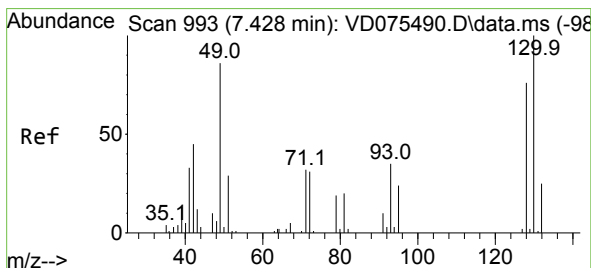
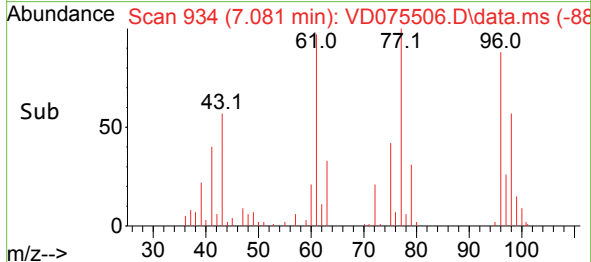
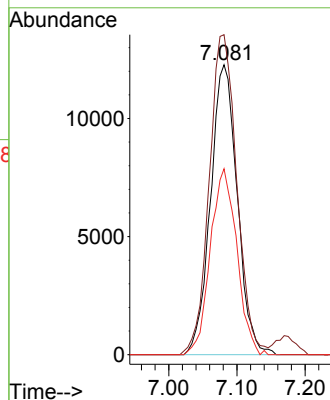
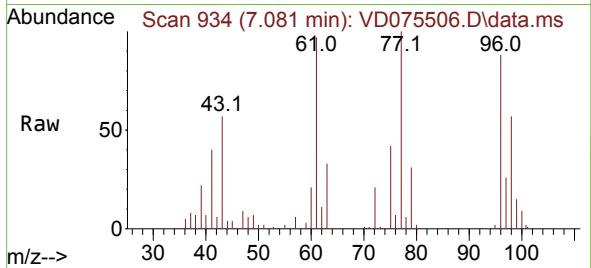


#27
 cis-1,2-Dichloroethene
 Concen: 20.171 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBS01

Tgt Ion: 96 Resp: 33527

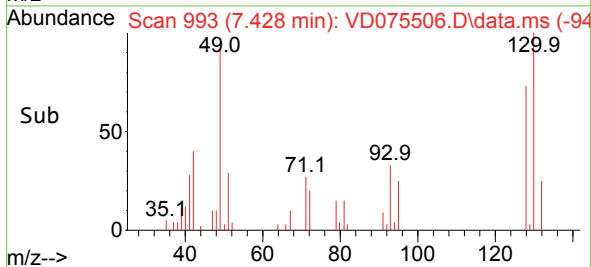
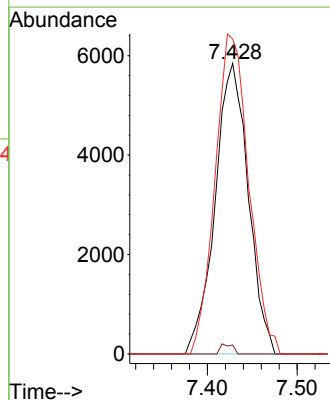
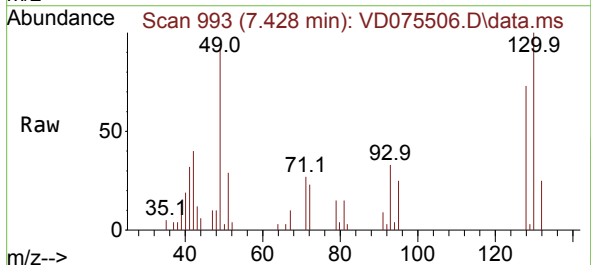
Ion	Ratio	Lower	Upper
96	100		
61	113.7	0.0	295.2
98	63.4	0.0	129.2

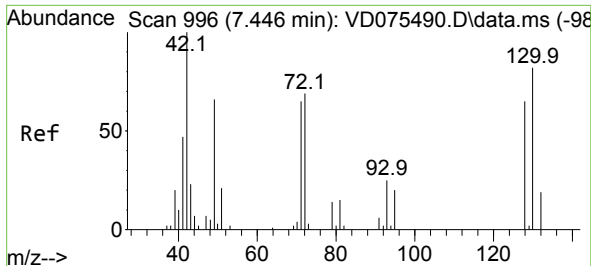


#28
 Bromochloromethane
 Concen: 21.101 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

Tgt Ion: 49 Resp: 14993

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.2
130	112.1	56.0	84.0#

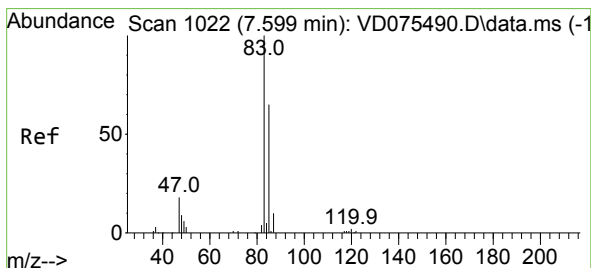
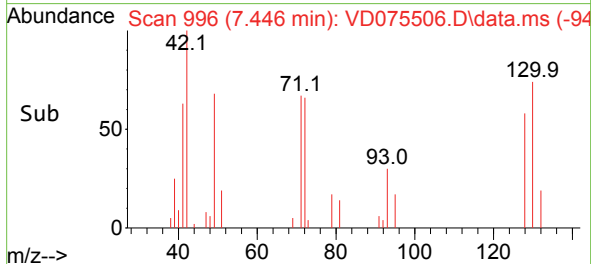
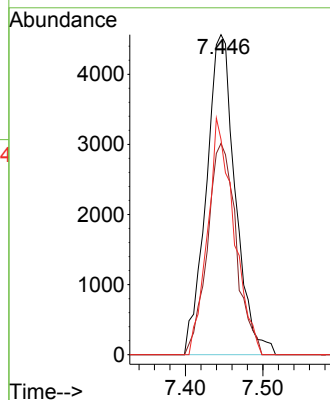
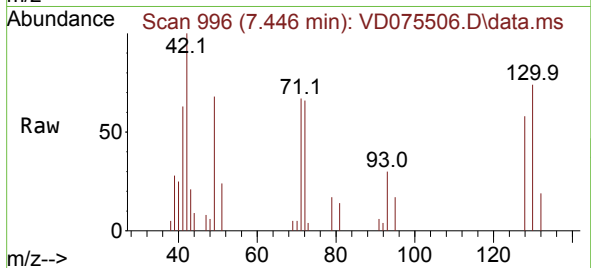




#29
Tetrahydrofuran
Concen: 94.134 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

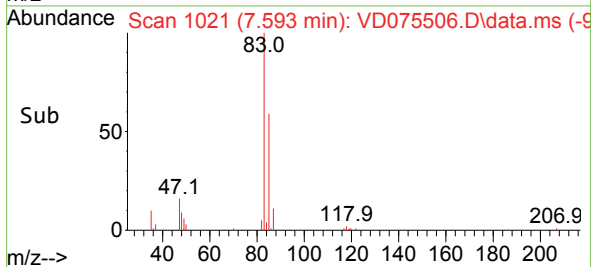
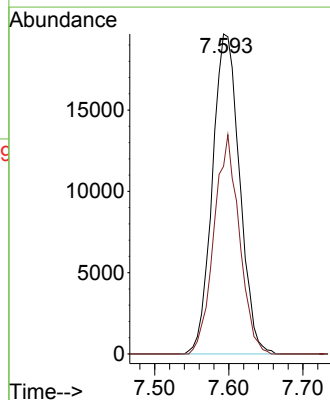
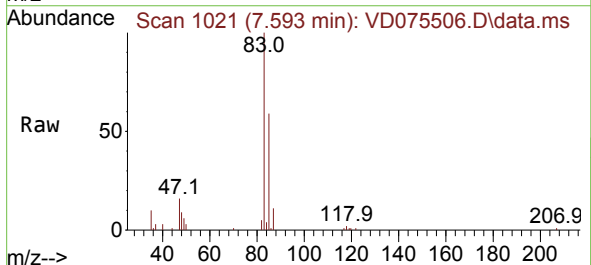
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

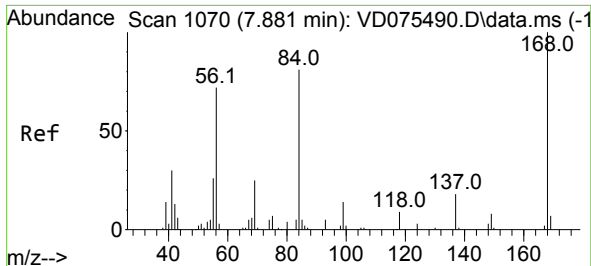
Tgt Ion: 42 Resp: 11900
Ion Ratio Lower Upper
42 100
72 65.2 31.8 47.6#
71 67.2 27.6 41.4#



#30
Chloroform
Concen: 20.484 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 83 Resp: 50141
Ion Ratio Lower Upper
83 100
85 58.6 49.4 74.2

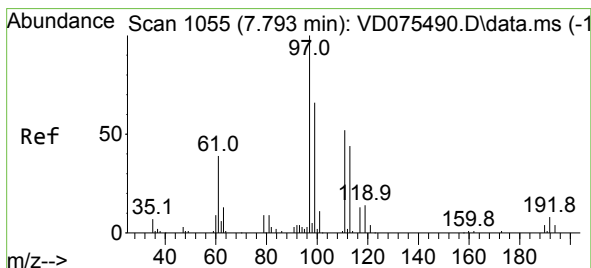
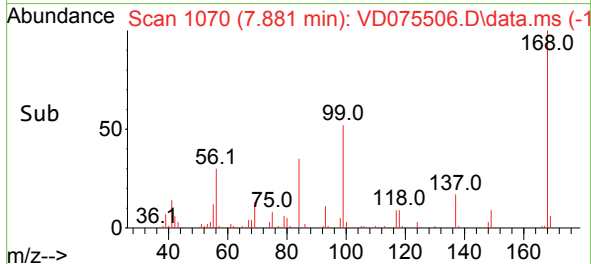
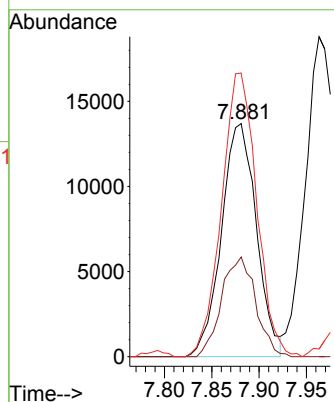
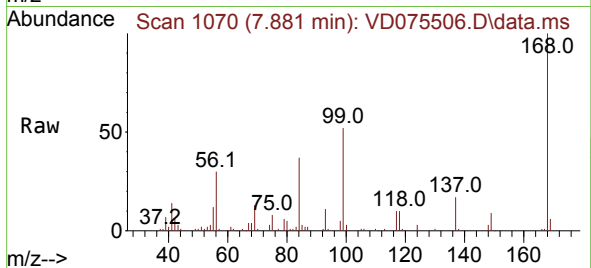




#31
Cyclohexane
Concen: 19.864 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

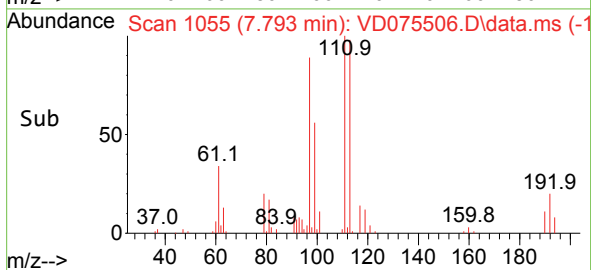
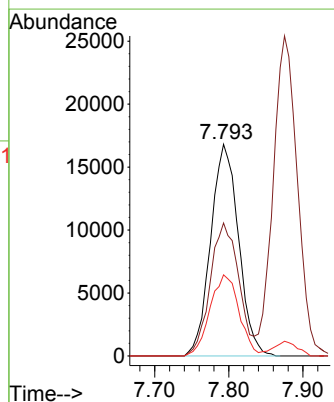
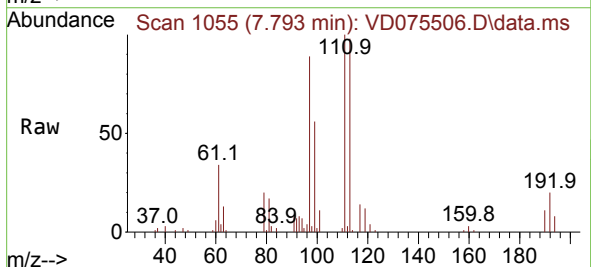
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

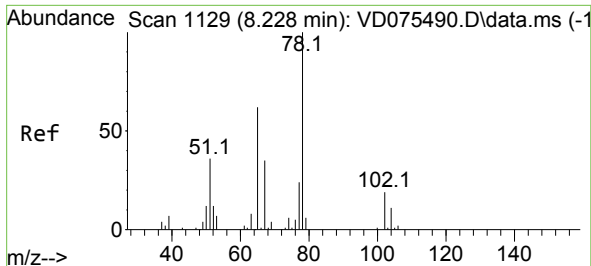
Tgt Ion: 56 Resp: 35244
Ion Ratio Lower Upper
56 100
69 42.8 25.5 38.3#
84 121.7 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.448 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 97 Resp: 43888
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 39.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.884 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

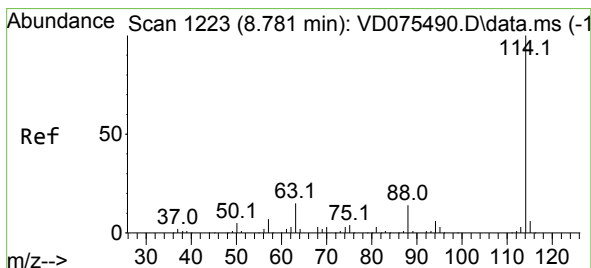
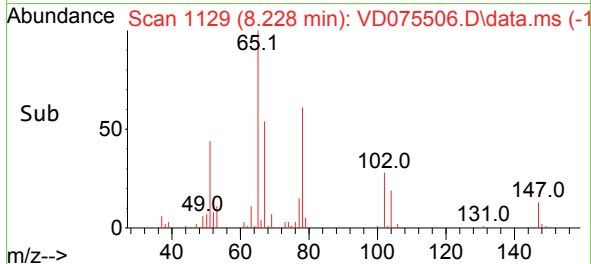
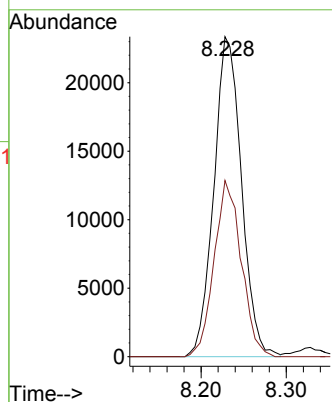
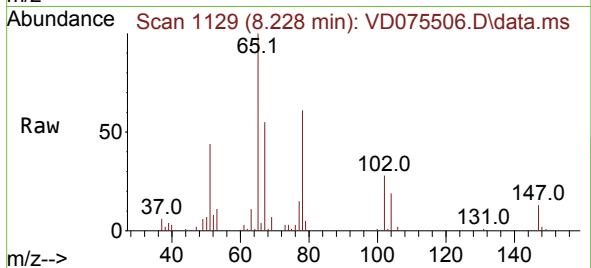
VD0313SBS01

Tgt Ion: 65 Resp: 52678

Ion Ratio Lower Upper

65 100

67 54.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

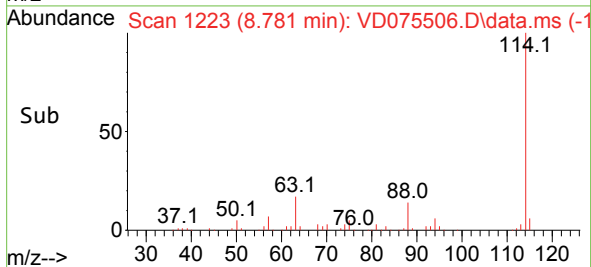
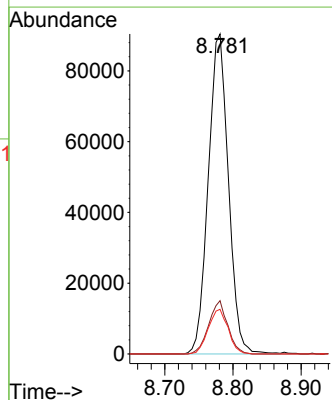
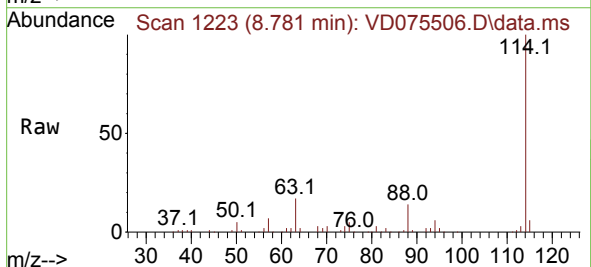
Tgt Ion: 114 Resp: 185892

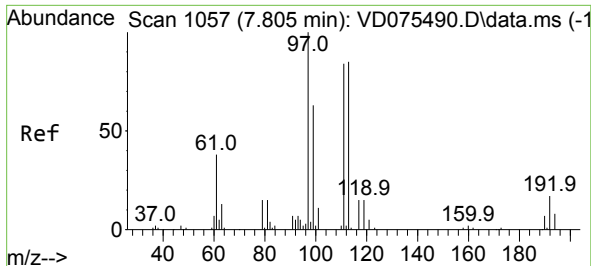
Ion Ratio Lower Upper

114 100

63 16.6 0.0 41.6

88 14.0 0.0 30.6

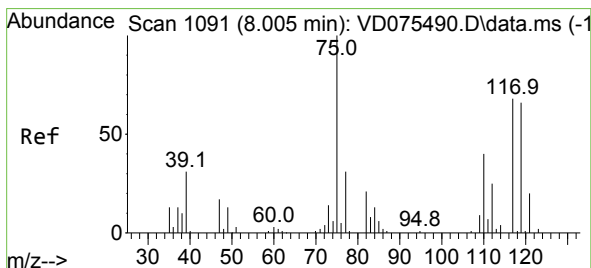
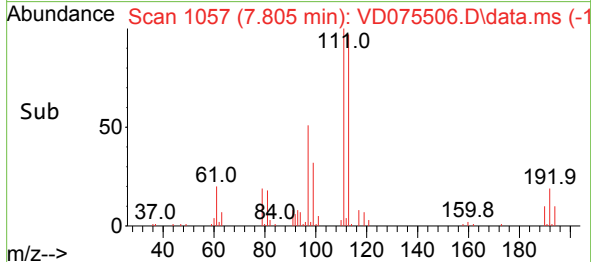
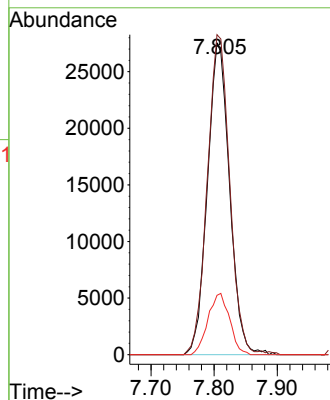
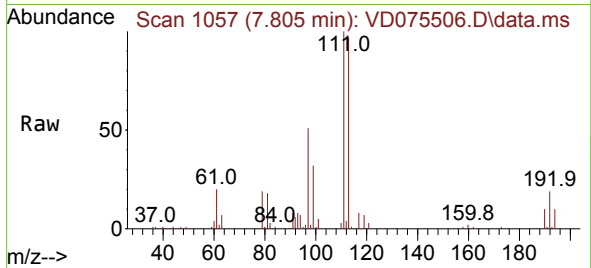




#35
Dibromofluoromethane
Concen: 52.691 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

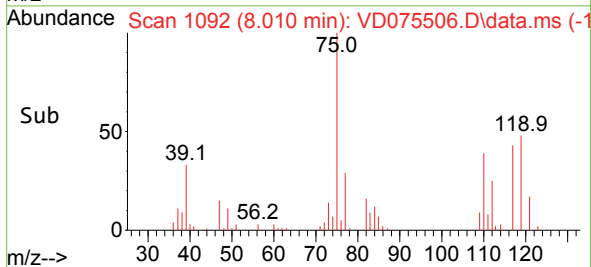
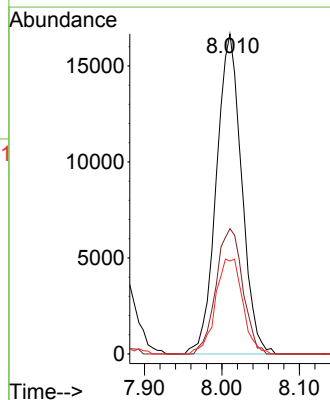
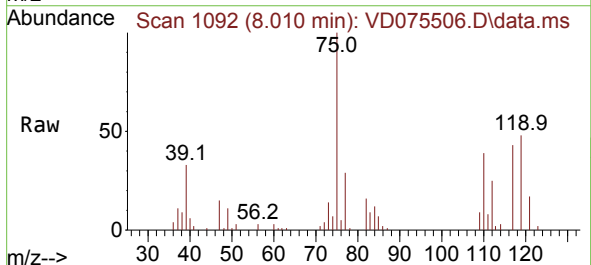
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

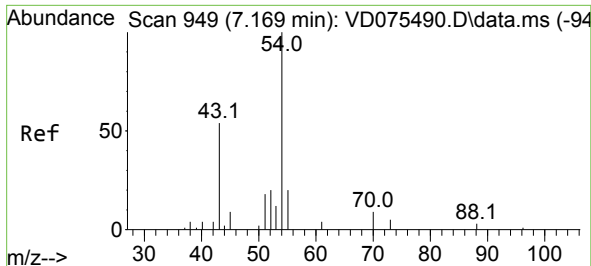
Tgt Ion:113 Resp: 67085
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.036 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 75 Resp: 37804
Ion Ratio Lower Upper
75 100
110 41.4 17.1 51.2
77 32.0 24.6 36.8





#37

Ethyl Acetate

Concen: 19.174 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

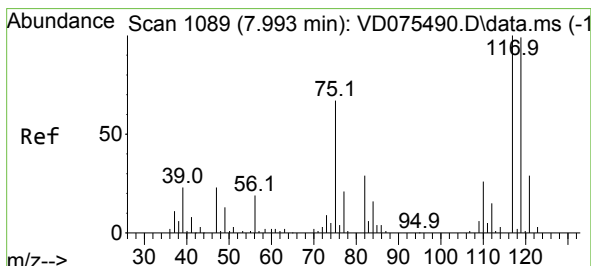
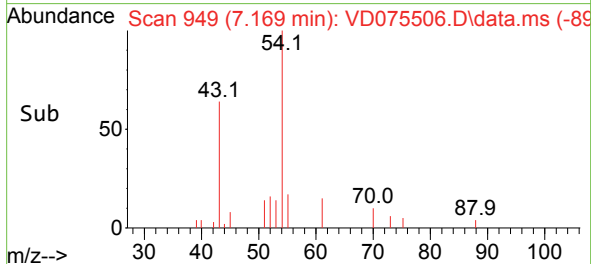
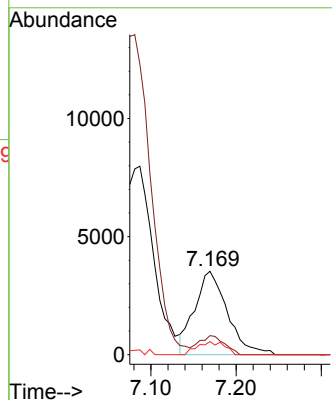
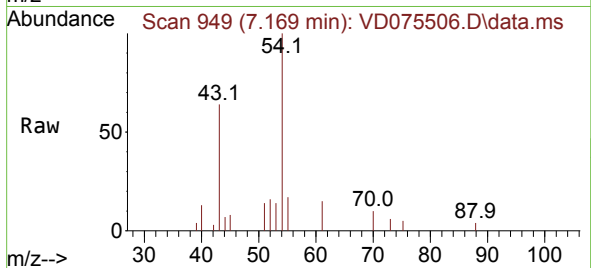
Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

Tgt Ion:	43	Resp:	9426
Ion	Ratio	Lower	Upper
43	100		
61	17.6	0.0	0.0#
70	12.8	5.6	8.4#



#38

Carbon Tetrachloride

Concen: 20.013 ug/l

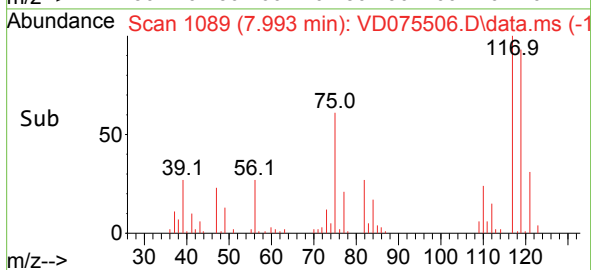
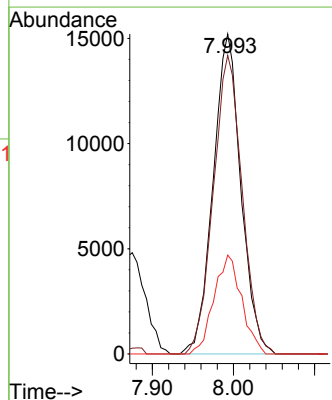
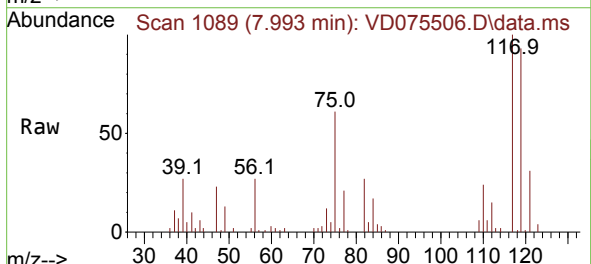
RT: 7.993 min Scan# 1089

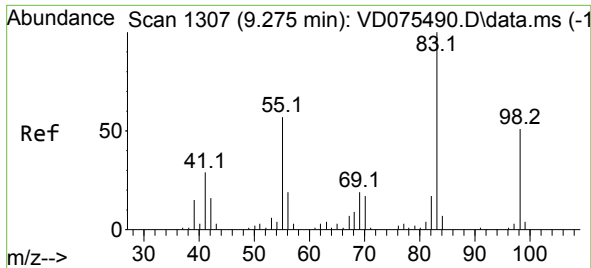
Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Tgt Ion:	117	Resp:	36180
Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.7	112.1
121	30.9	25.9	38.9





#39

Methylcyclohexane

Concen: 19.372 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

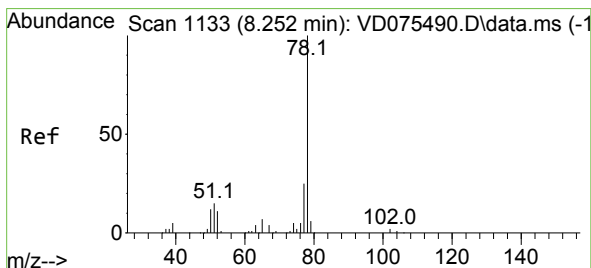
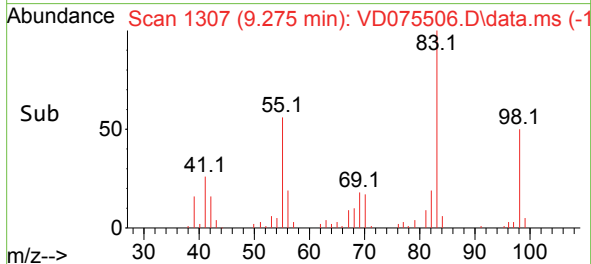
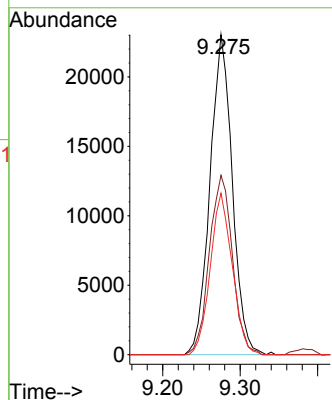
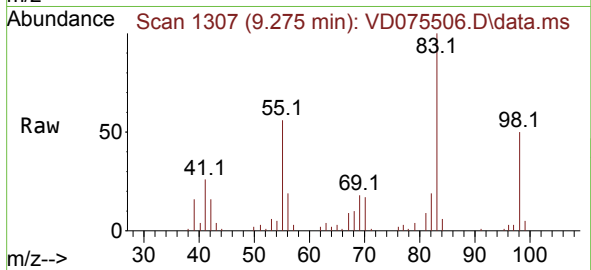
Tgt Ion: 83 Resp: 46083

Ion Ratio Lower Upper

83 100

55 56.1 56.8 85.2#

98 50.4 38.9 58.3



#40

Benzene

Concen: 20.174 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075506.D

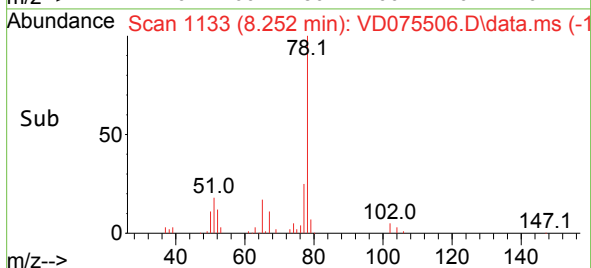
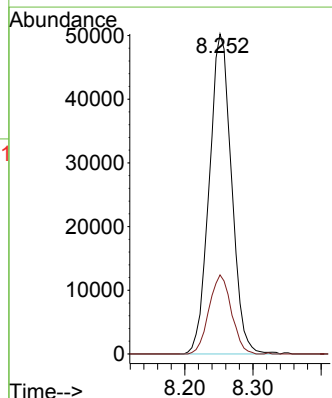
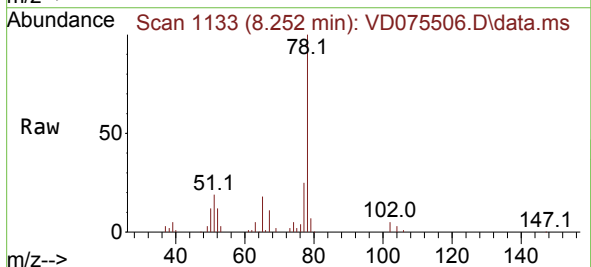
Acq: 13 Mar 2023 13:25

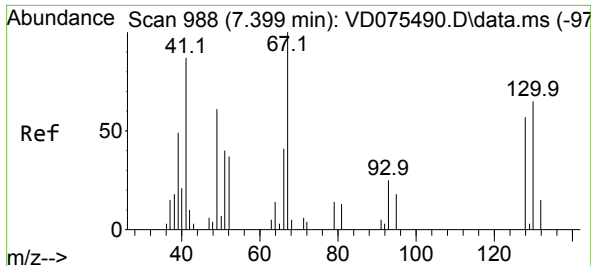
Tgt Ion: 78 Resp: 114072

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7

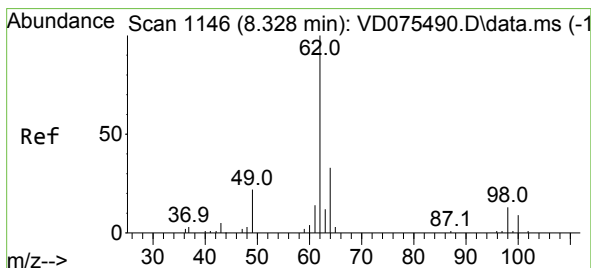
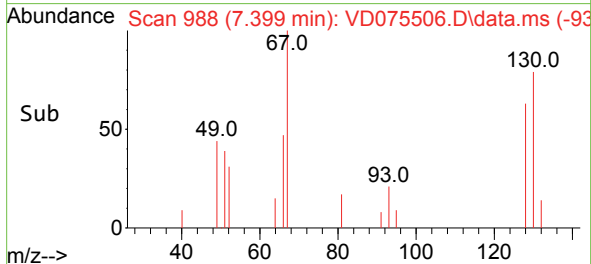
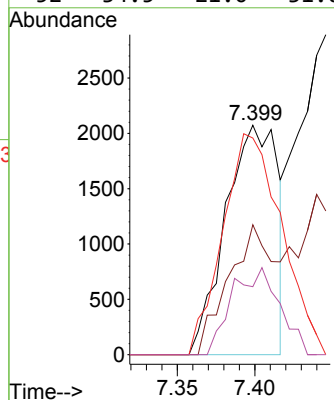
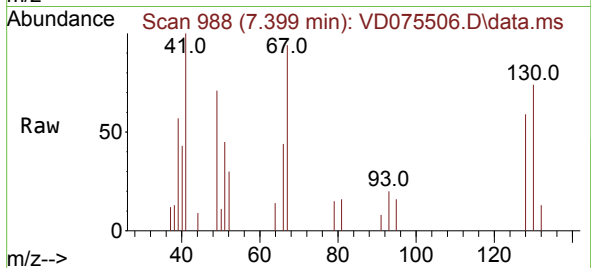




#41
Methacrylonitrile
Concen: 18.753 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

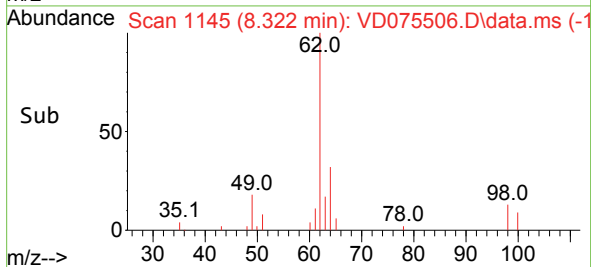
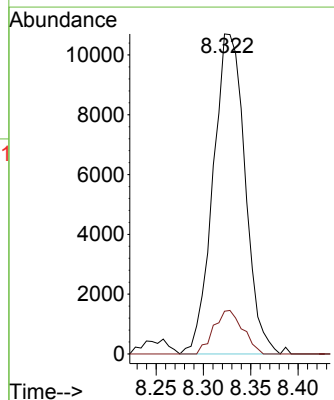
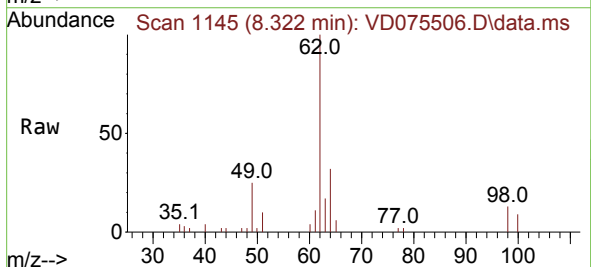
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

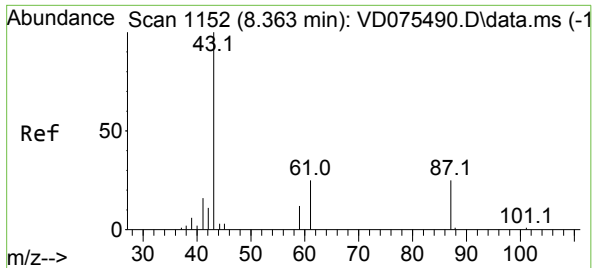
Tgt Ion: 41	Resp: 4858
Ion Ratio	Lower Upper
41 100	
39 49.9	45.3 67.9
67 108.2	50.5 75.7#
52 34.5	21.0 31.6#



#42
1,2-Dichloroethane
Concen: 20.201 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 62	Resp: 25144
Ion Ratio	Lower Upper
62 100	
98 12.4	0.0 18.8

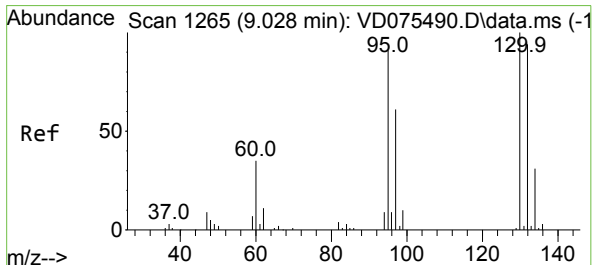
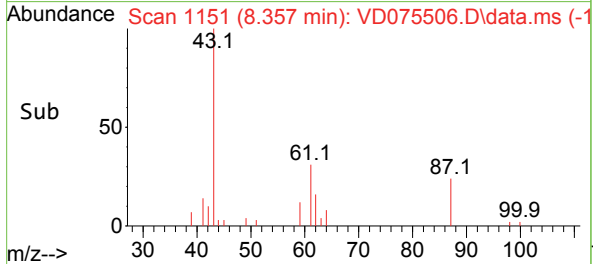
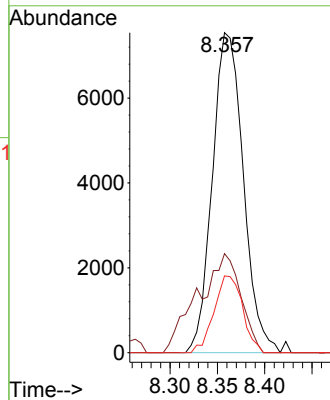
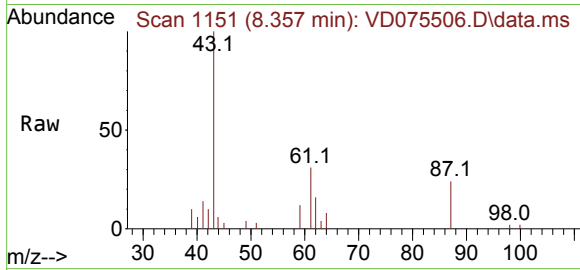




#43
Isopropyl Acetate
Concen: 18.862 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

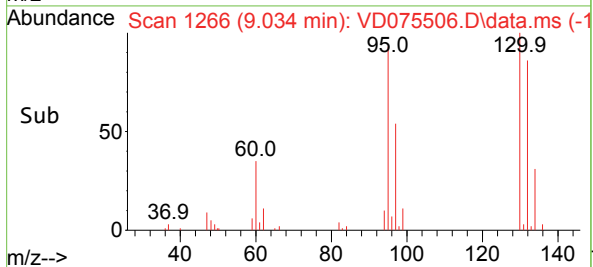
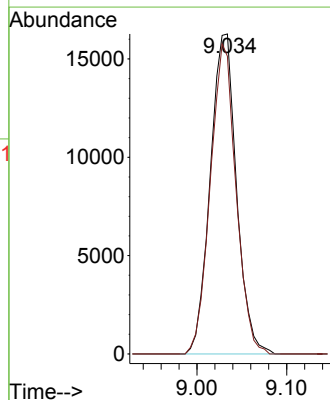
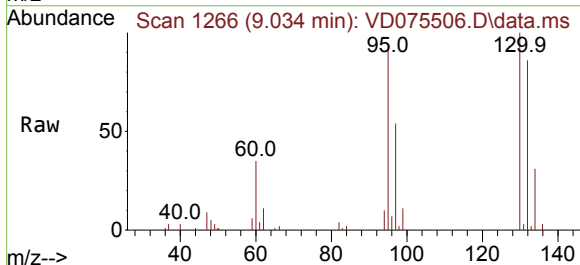
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

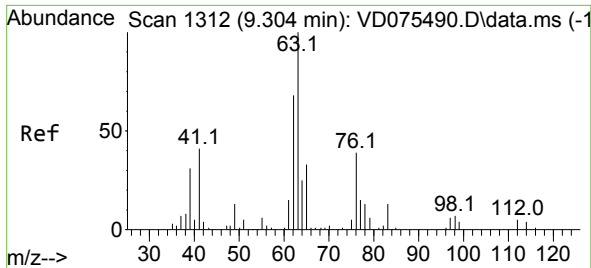
Tgt Ion: 43 Resp: 17158
Ion Ratio Lower Upper
43 100
61 42.8 23.4 35.0#
87 22.1 9.5 14.3#



#44
Trichloroethene
Concen: 19.920 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion:130 Resp: 33104
Ion Ratio Lower Upper
130 100
95 93.1 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.282 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

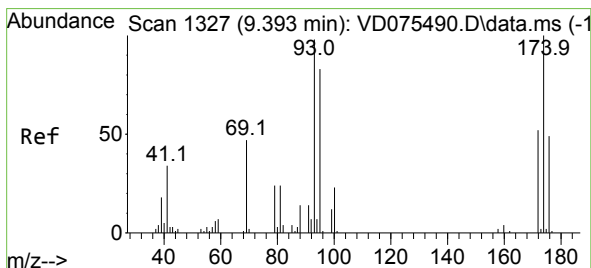
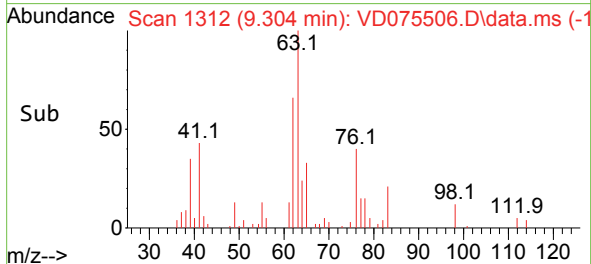
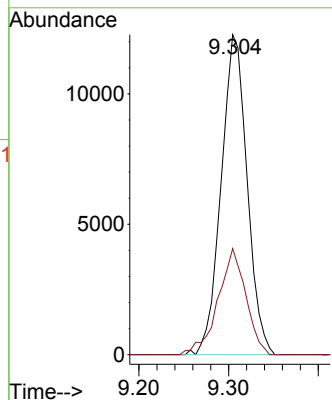
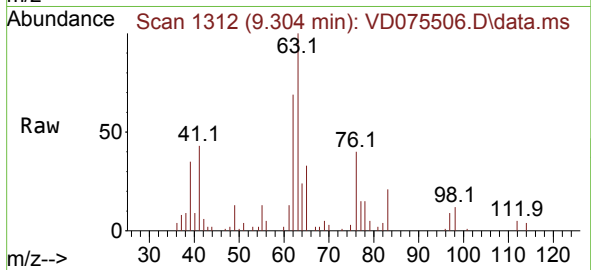
VD0313SBS01

Tgt Ion: 63 Resp: 24654

Ion Ratio Lower Upper

63 100

65 33.2 23.0 34.4



#46

Dibromomethane

Concen: 20.369 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

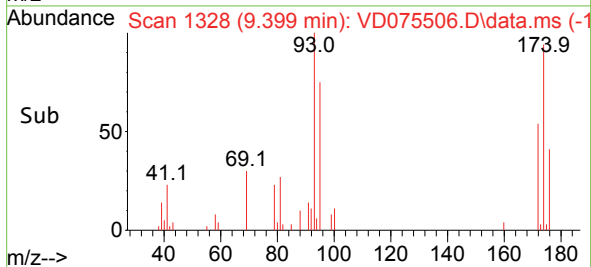
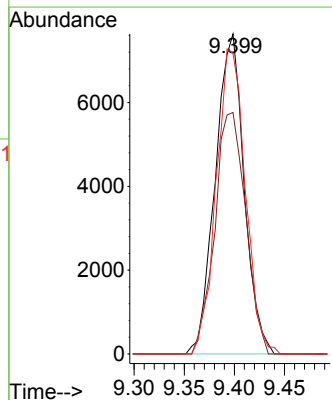
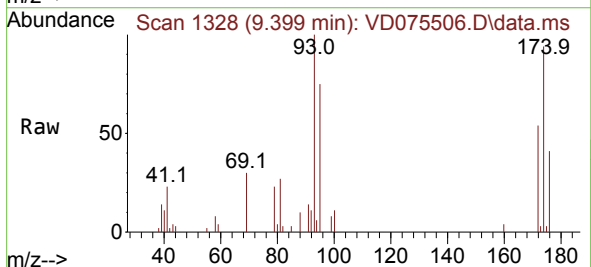
Tgt Ion: 93 Resp: 15260

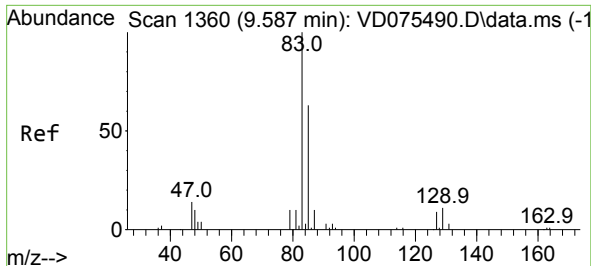
Ion Ratio Lower Upper

93 100

95 80.7 64.5 96.7

174 96.1 76.2 114.4





#47

Bromodichloromethane

Concen: 19.699 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

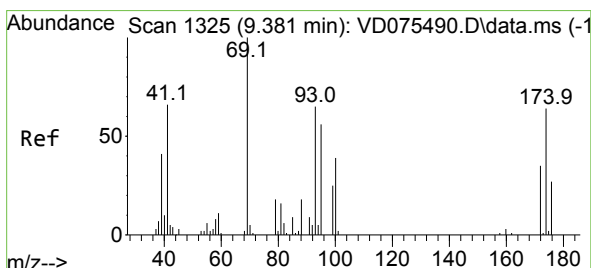
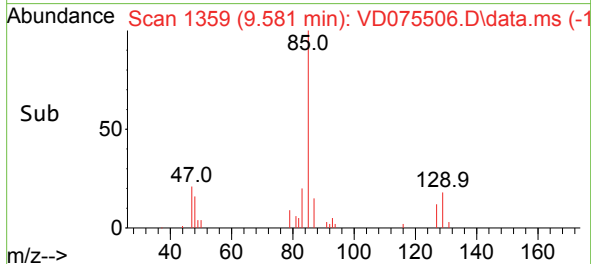
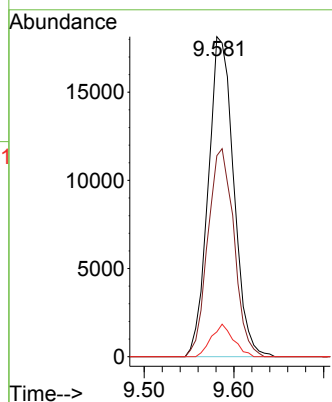
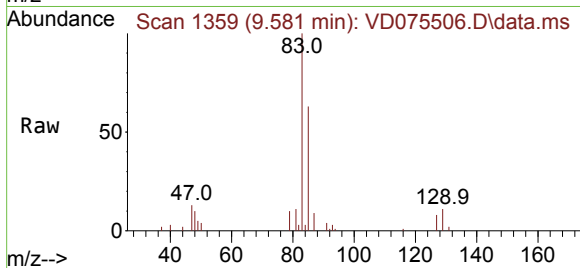
Tgt Ion: 83 Resp: 35737

Ion Ratio Lower Upper

83 100

85 62.8 53.7 80.5

127 7.7 7.0 10.6



#48

Methyl methacrylate

Concen: 19.942 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

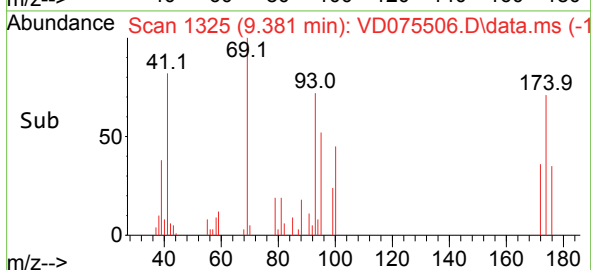
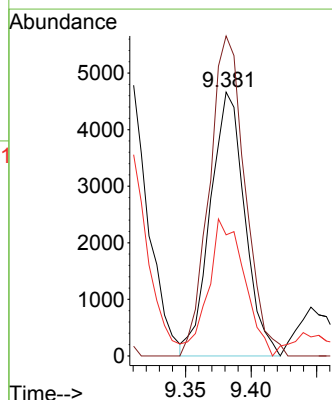
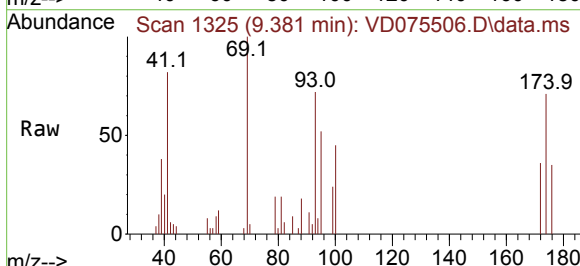
Tgt Ion: 41 Resp: 8522

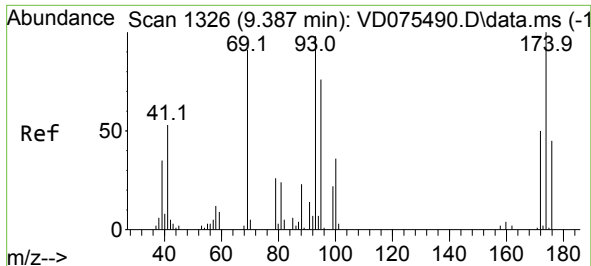
Ion Ratio Lower Upper

41 100

69 126.4 58.6 88.0#

39 54.0 53.4 80.0





#49

1,4-Dioxane

Concen: 344.749 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

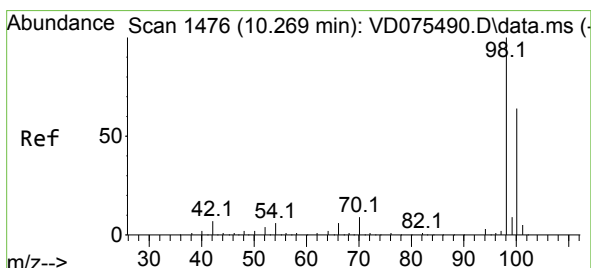
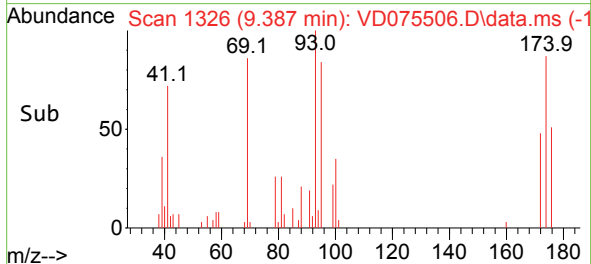
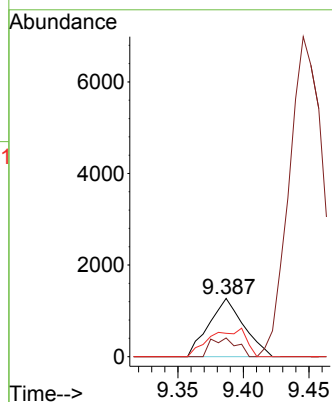
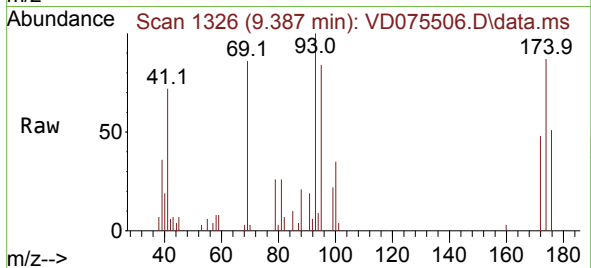
Tgt Ion: 88 Resp: 2343

Ion Ratio Lower Upper

88 100

43 24.2 34.6 51.8#

58 50.0 58.0 87.0#



#50

Toluene-d8

Concen: 54.475 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075506.D

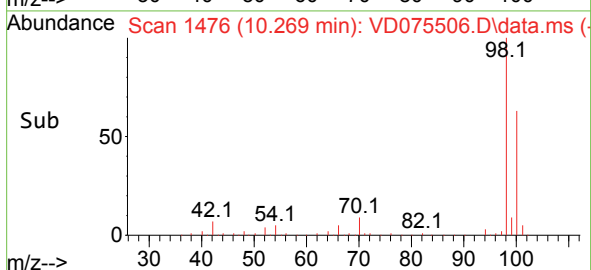
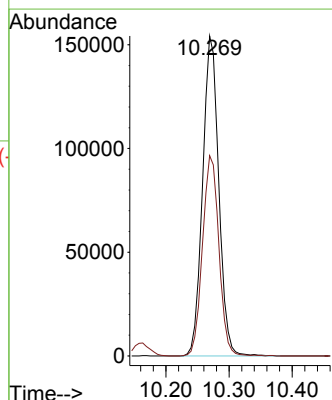
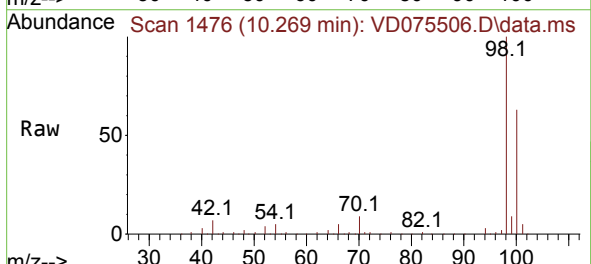
Acq: 13 Mar 2023 13:25

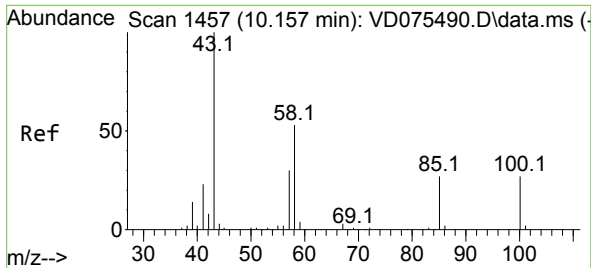
Tgt Ion: 98 Resp: 273985

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1

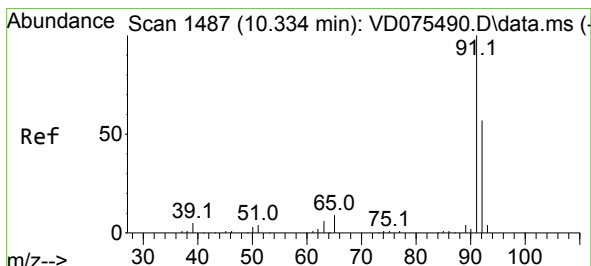
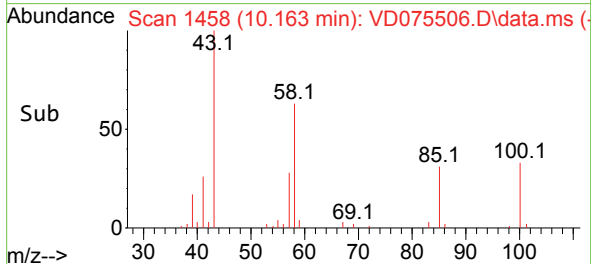
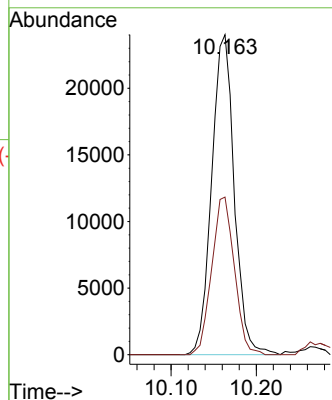
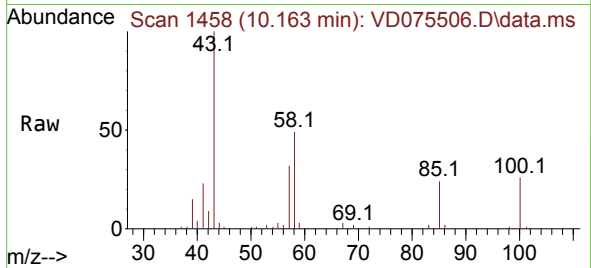




#51
4-Methyl-2-Pentanone
Concen: 93.379 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

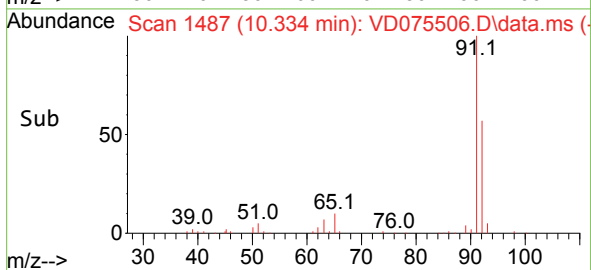
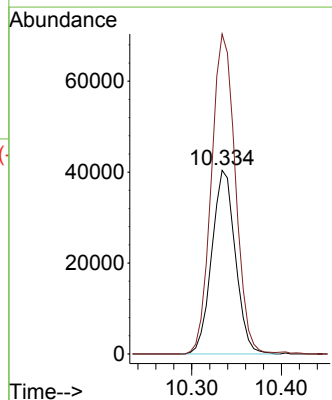
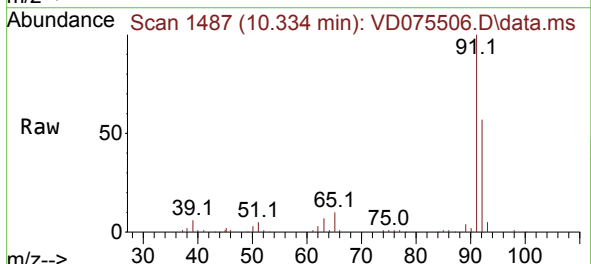
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

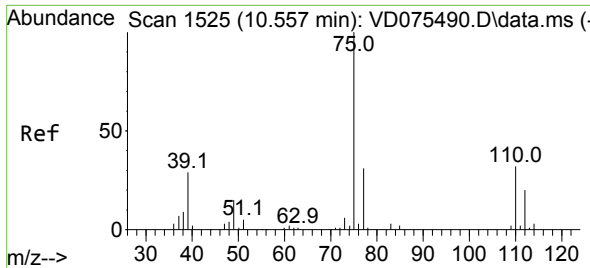
Tgt Ion: 43 Resp: 44176
Ion Ratio Lower Upper
43 100
58 49.4 29.5 44.3#



#52
Toluene
Concen: 20.101 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 92 Resp: 73652
Ion Ratio Lower Upper
92 100
91 177.3 136.5 204.7

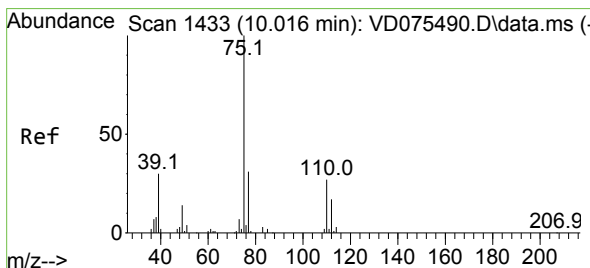
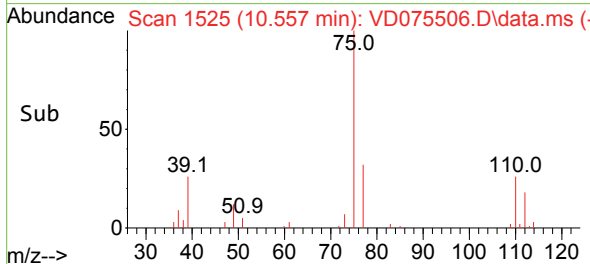
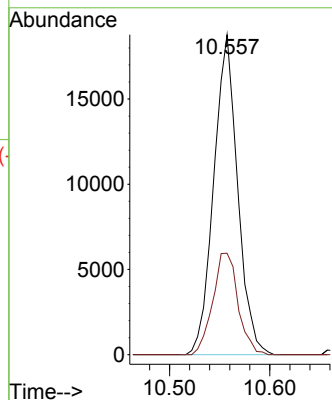
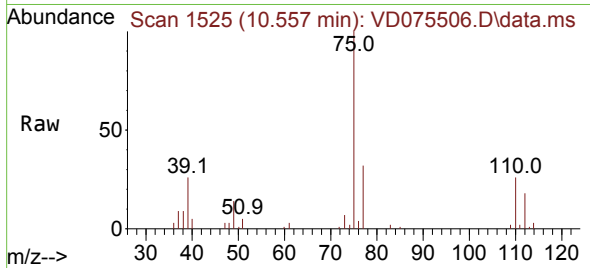




#53
 t-1,3-Dichloropropene
 Concen: 19.035 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

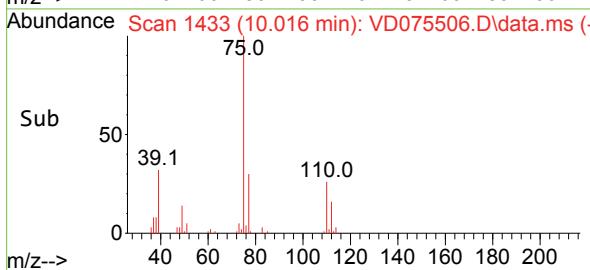
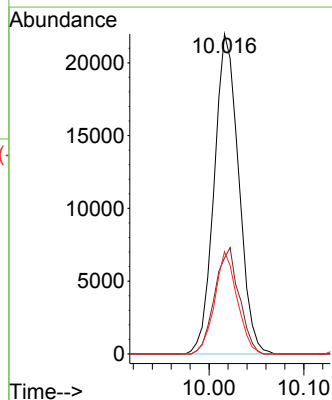
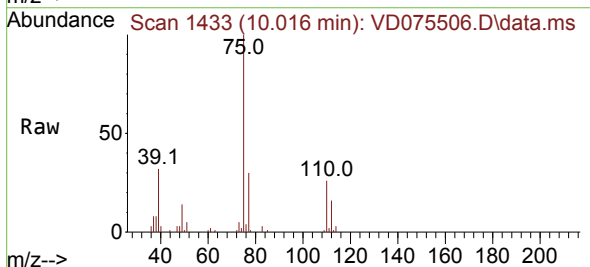
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBS01

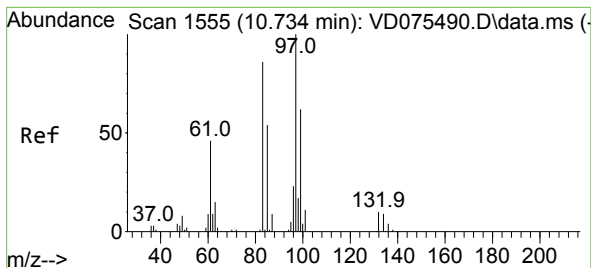
Tgt Ion: 75 Resp: 31065
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.690 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

Tgt Ion: 75 Resp: 39462
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.6 38.4
 39 31.9 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 19.777 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

Tgt Ion: 97 Resp: 20975

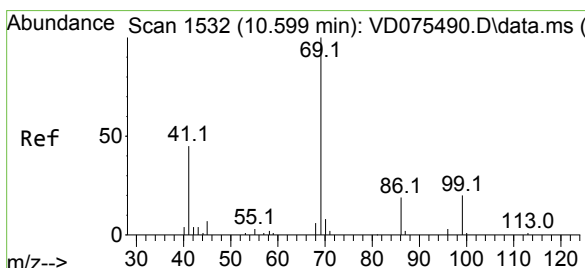
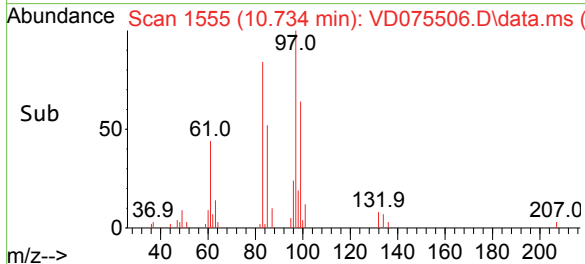
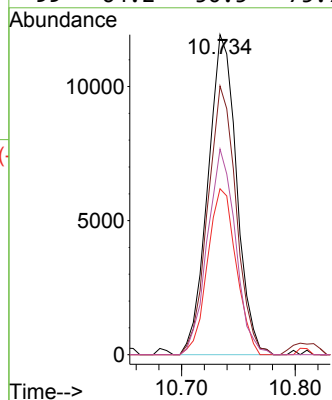
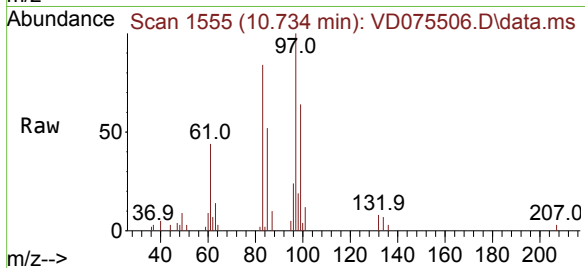
Ion Ratio Lower Upper

97 100

83 84.0 74.2 111.4

85 51.8 45.4 68.0

99 64.2 50.5 75.7



#56

Ethyl methacrylate

Concen: 19.228 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

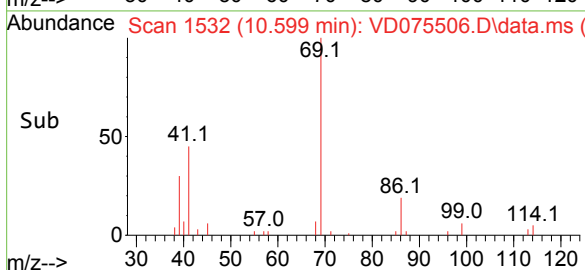
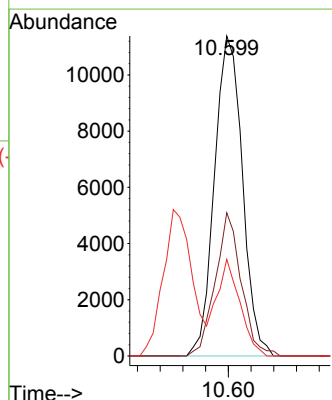
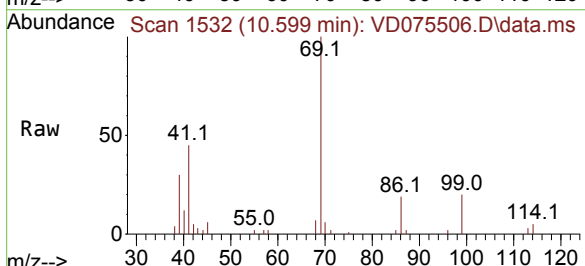
Tgt Ion: 69 Resp: 19417

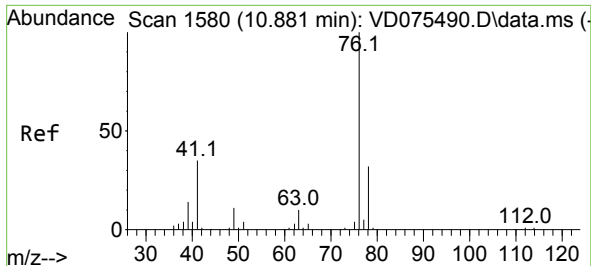
Ion Ratio Lower Upper

69 100

41 41.7 59.3 88.9#

39 25.2 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 19.189 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

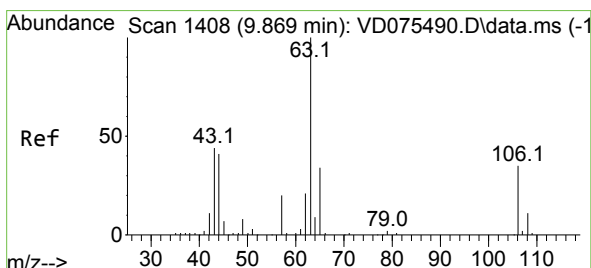
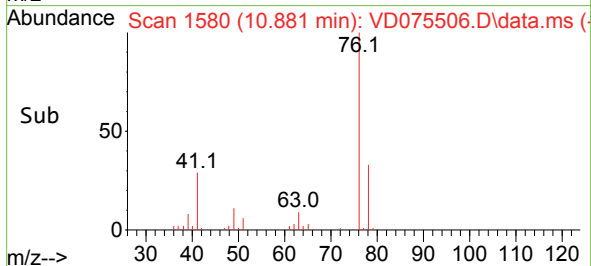
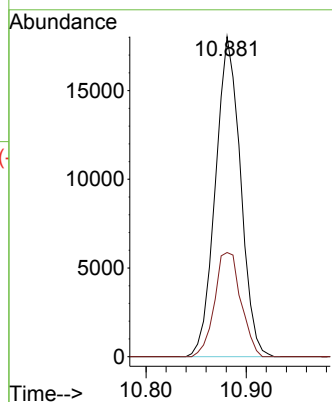
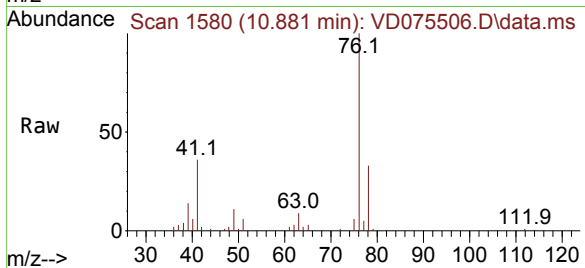
VD0313SBS01

Tgt Ion: 76 Resp: 31321

Ion Ratio Lower Upper

76 100

78 34.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.407 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075506.D

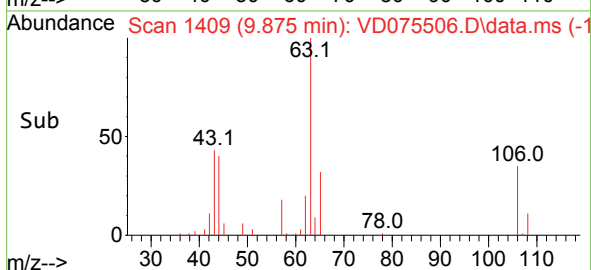
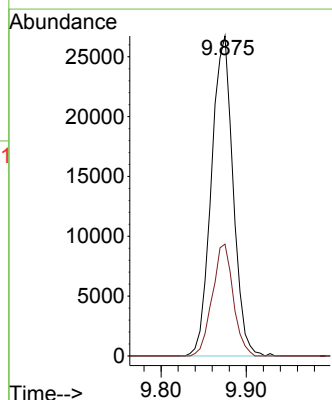
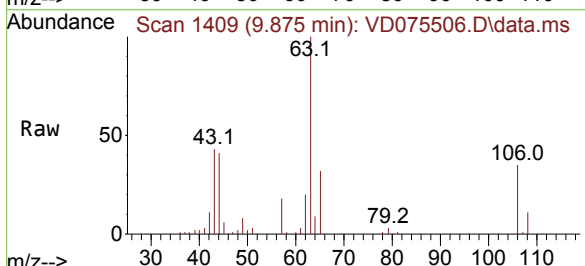
Acq: 13 Mar 2023 13:25

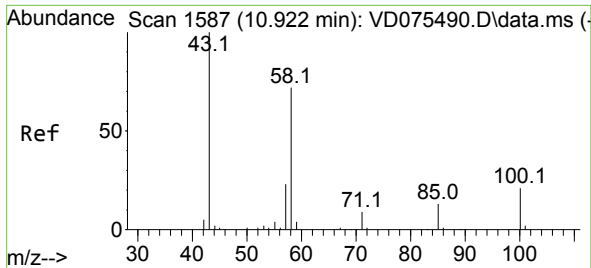
Tgt Ion: 63 Resp: 47151

Ion Ratio Lower Upper

63 100

106 33.7 21.4 32.2#

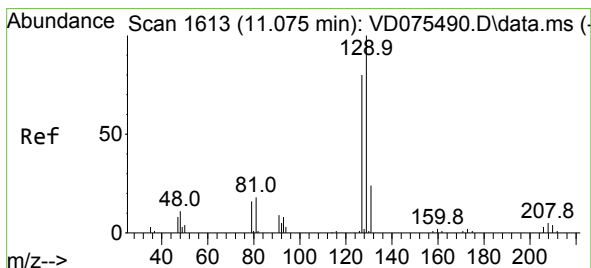
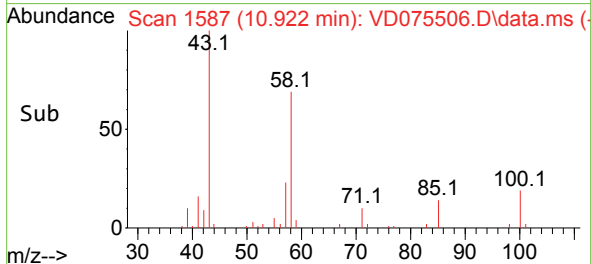
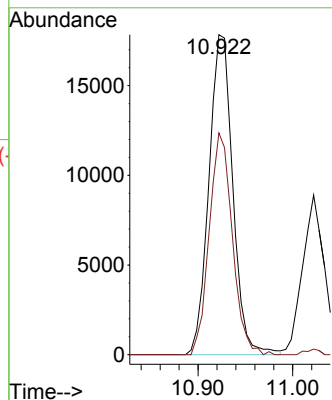
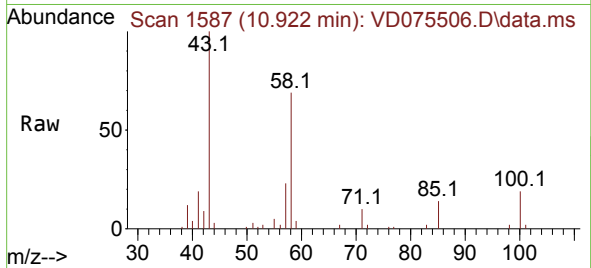




#59
2-Hexanone
Concen: 93.365 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

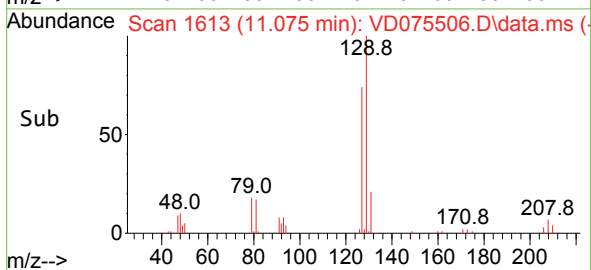
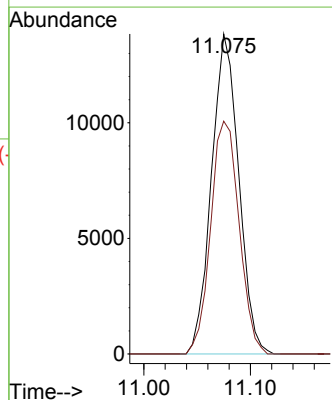
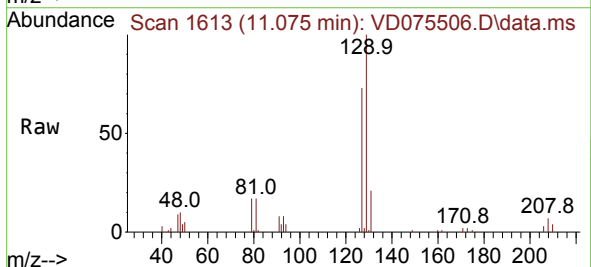
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

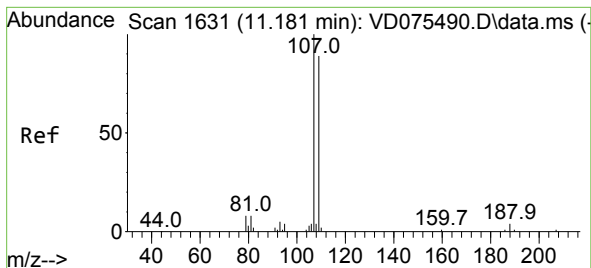
Tgt Ion: 43 Resp: 31236
Ion Ratio Lower Upper
43 100
58 67.0 25.3 75.8



#60
Dibromochloromethane
Concen: 19.620 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 129 Resp: 24585
Ion Ratio Lower Upper
129 100
127 75.9 38.1 114.5

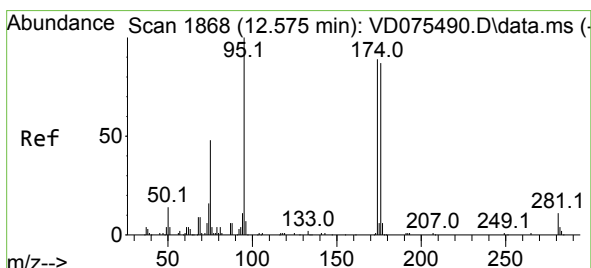
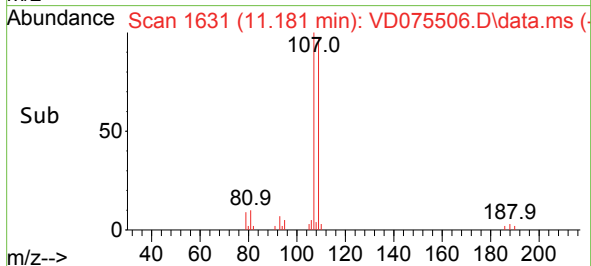
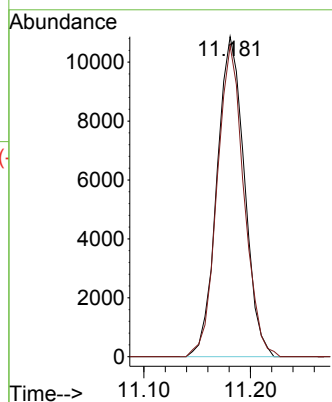
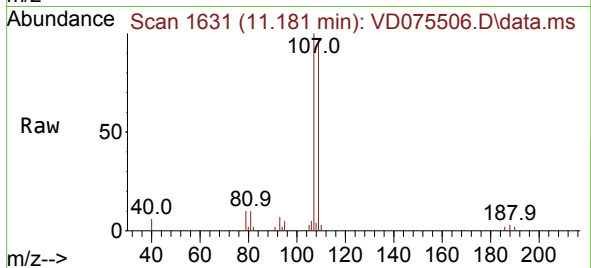




#61
1,2-Dibromoethane
Concen: 19.440 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

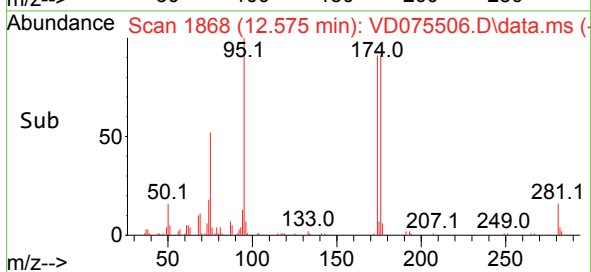
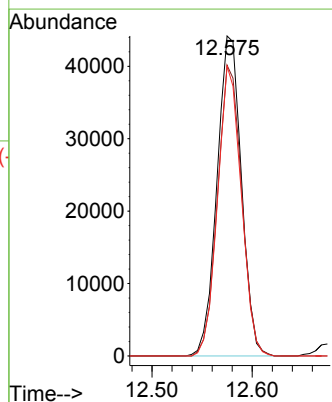
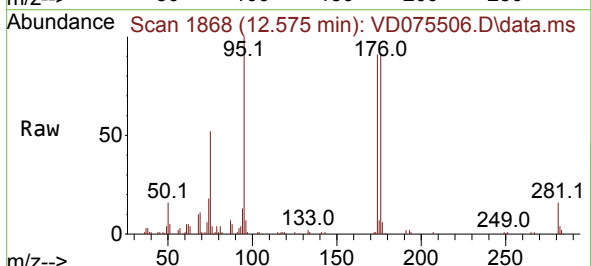
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

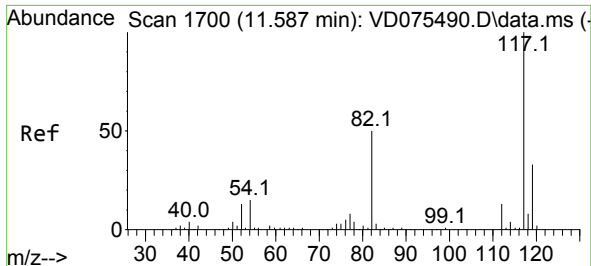
Tgt Ion:107 Resp: 19418
Ion Ratio Lower Upper
107 100
109 95.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 51.351 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 95 Resp: 74663
Ion Ratio Lower Upper
95 100
174 90.0 0.0 164.0
176 87.5 0.0 156.8

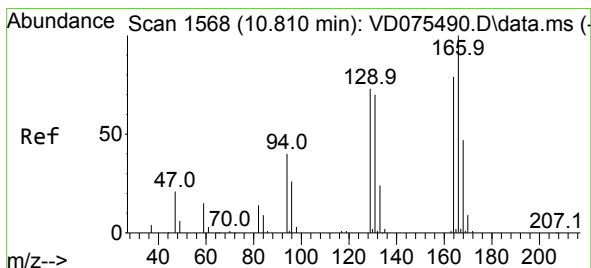
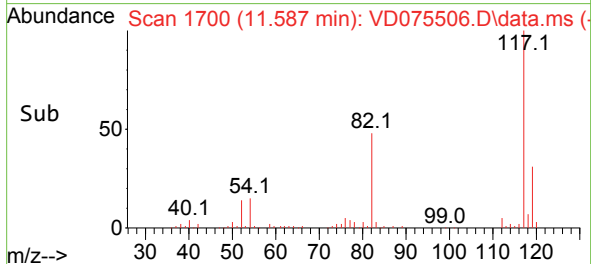
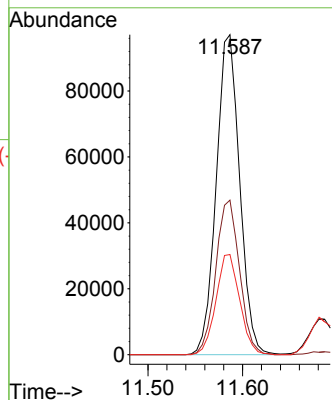
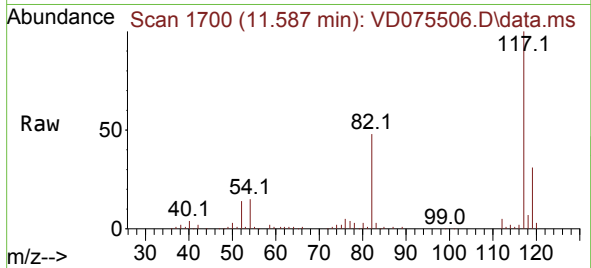




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

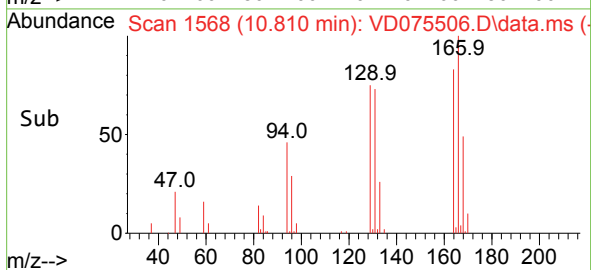
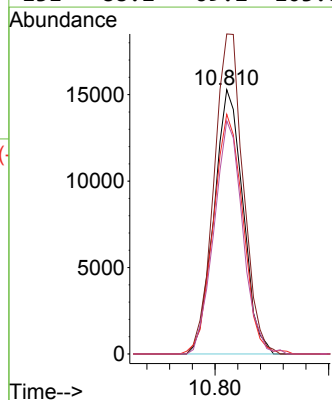
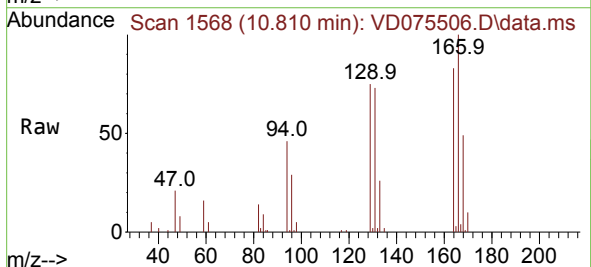
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

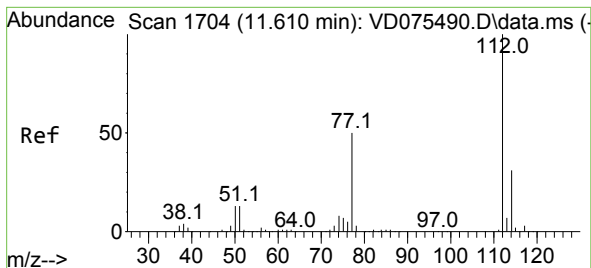
Tgt Ion:117 Resp: 167353
Ion Ratio Lower Upper
117 100
82 48.3 44.0 66.0
119 31.3 25.1 37.7



#64
Tetrachloroethene
Concen: 20.517 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion:164 Resp: 27097
Ion Ratio Lower Upper
164 100
166 121.0 94.9 142.3
129 90.7 73.0 109.6
131 88.2 69.2 103.8





#65

Chlorobenzene

Concen: 19.407 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

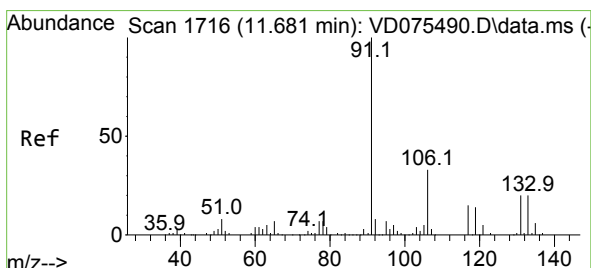
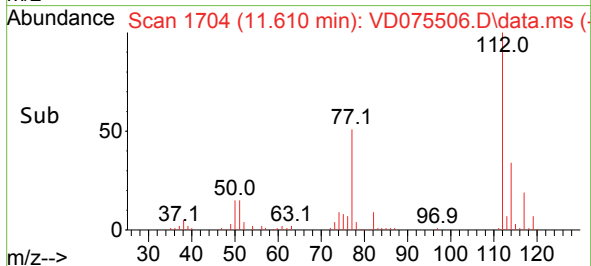
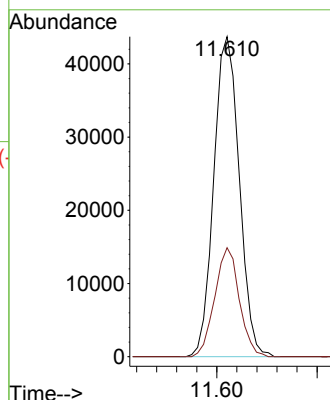
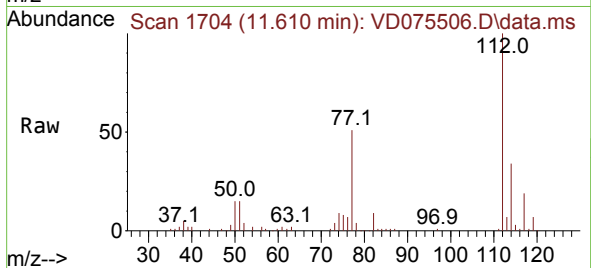
VD0313SBS01

Tgt Ion:112 Resp: 77027

Ion Ratio Lower Upper

112 100

114 34.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.787 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

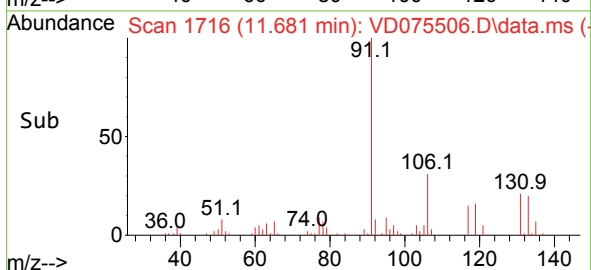
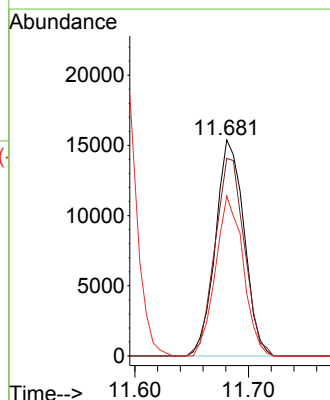
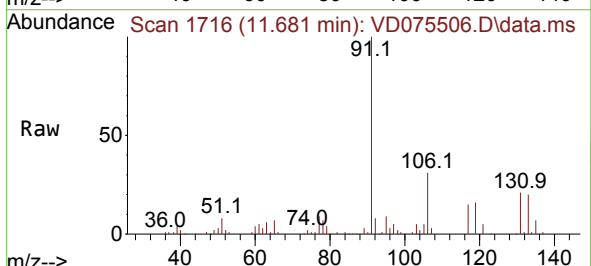
Tgt Ion:131 Resp: 26905

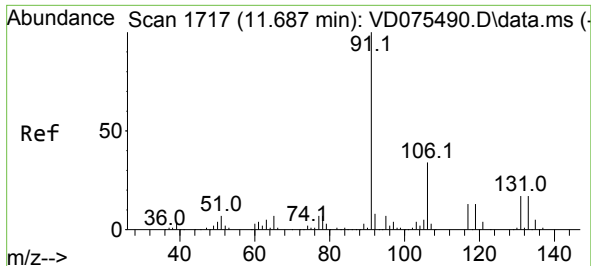
Ion Ratio Lower Upper

131 100

133 94.2 46.7 140.0

119 71.7 31.9 95.9





#67

Ethyl Benzene

Concen: 19.354 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

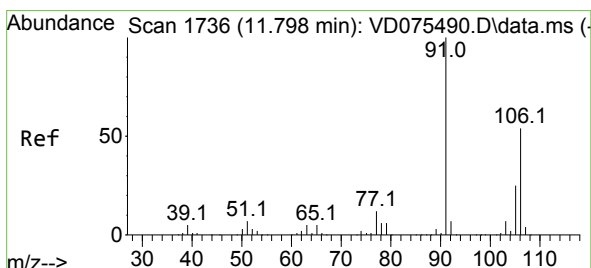
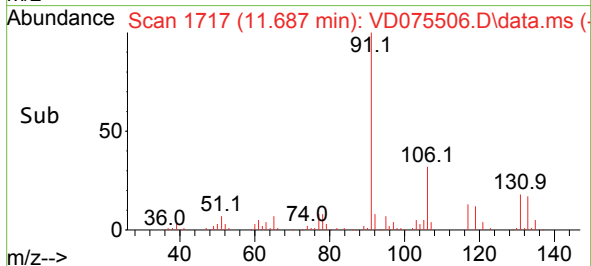
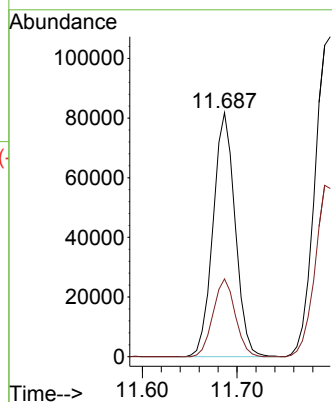
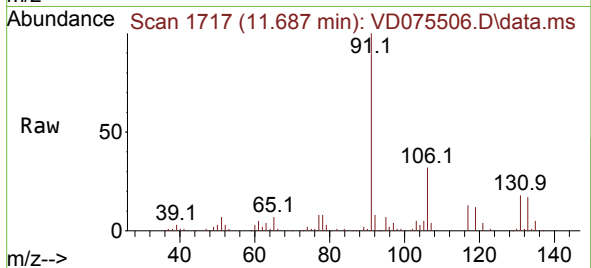
VD0313SBS01

Tgt Ion: 91 Resp: 132293

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 39.837 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD075506.D

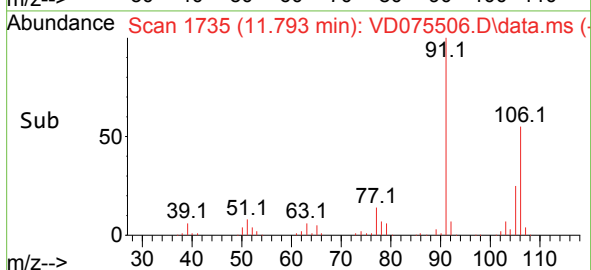
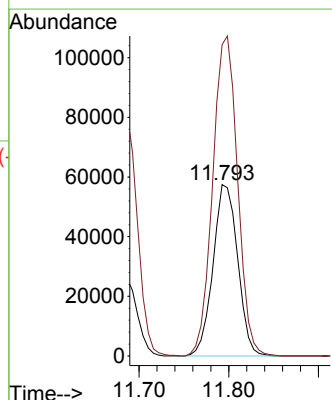
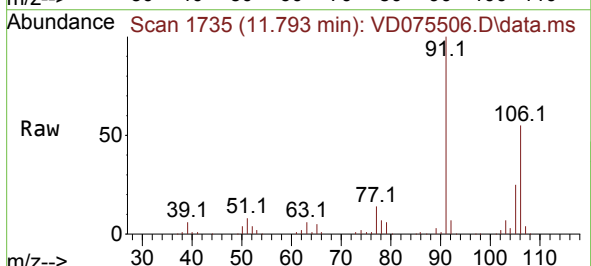
Acq: 13 Mar 2023 13:25

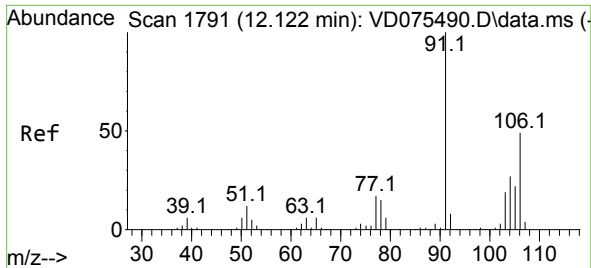
Tgt Ion:106 Resp: 109443

Ion Ratio Lower Upper

106 100

91 188.4 161.5 242.3

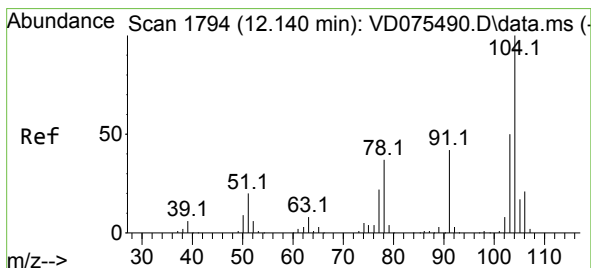
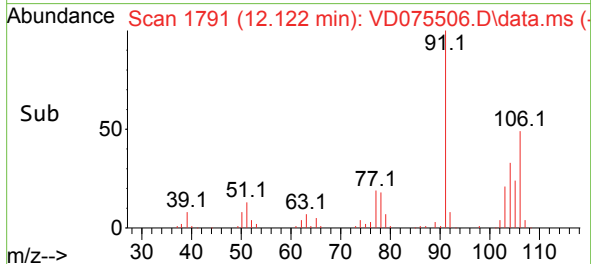
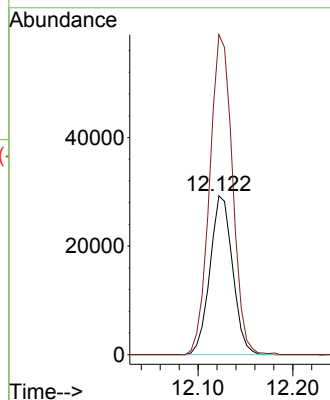
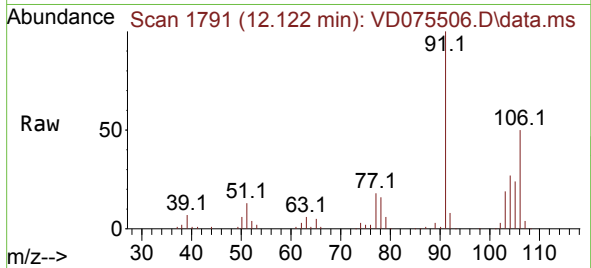




#69
o-Xylene
Concen: 19.028 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

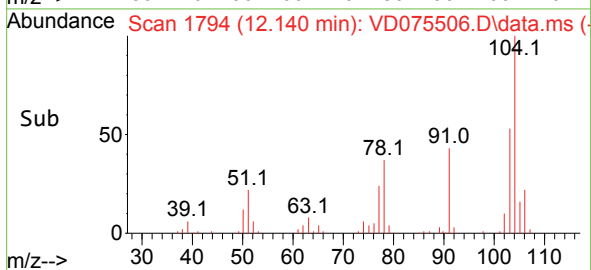
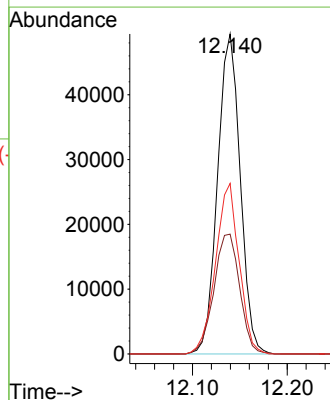
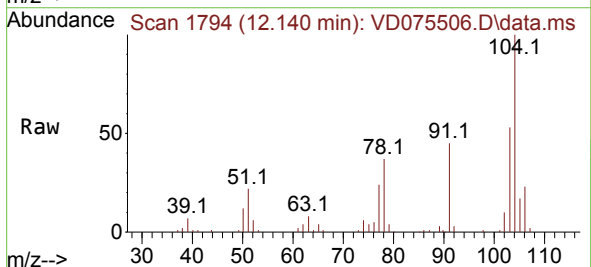
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

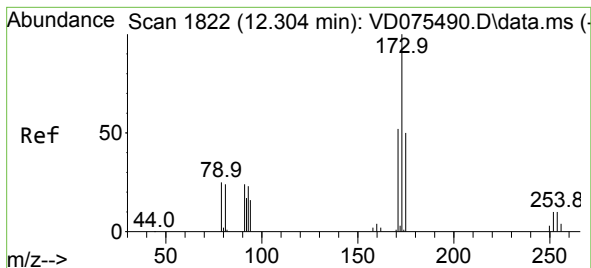
Tgt Ion:106 Resp: 48547
Ion Ratio Lower Upper
106 100
91 203.6 105.7 317.1



#70
Styrene
Concen: 19.352 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion:104 Resp: 82131
Ion Ratio Lower Upper
104 100
78 42.6 40.2 60.4
103 55.4 44.2 66.2





#71

Bromoform

Concen: 19.414 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

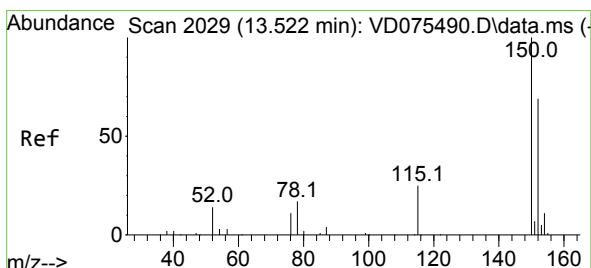
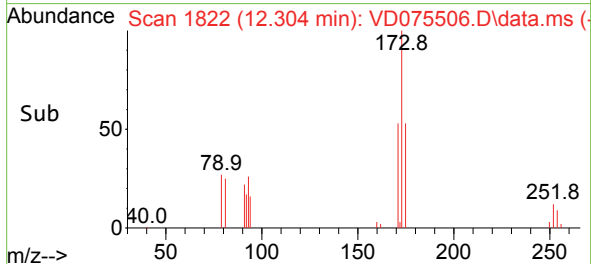
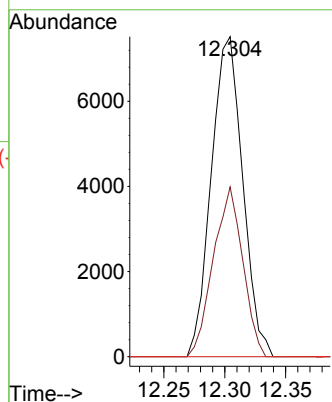
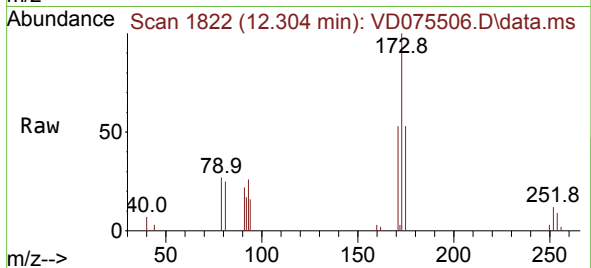
Tgt Ion:173 Resp: 13479

Ion Ratio Lower Upper

173 100

175 49.6 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

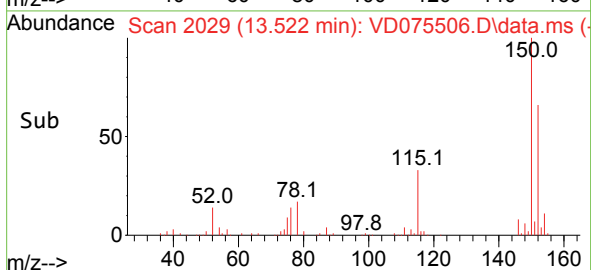
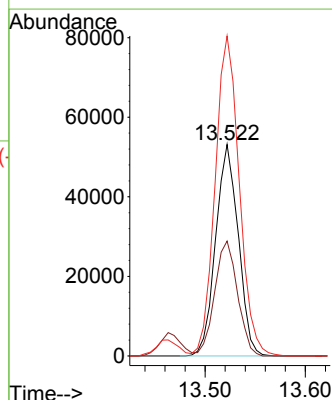
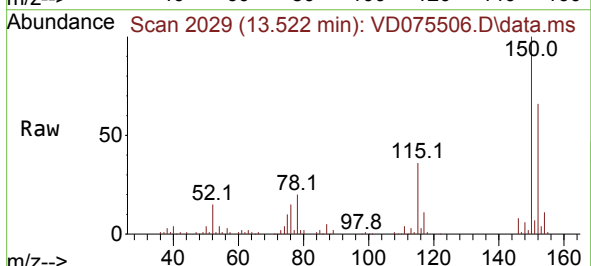
Tgt Ion:152 Resp: 83216

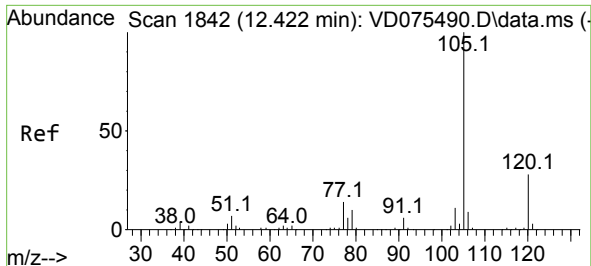
Ion Ratio Lower Upper

152 100

115 55.1 30.1 90.3

150 161.6 0.0 364.8

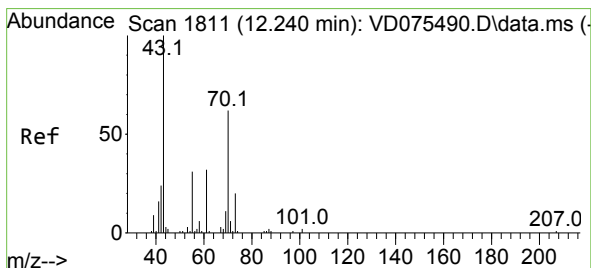
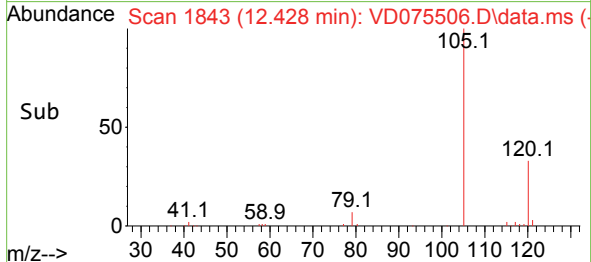
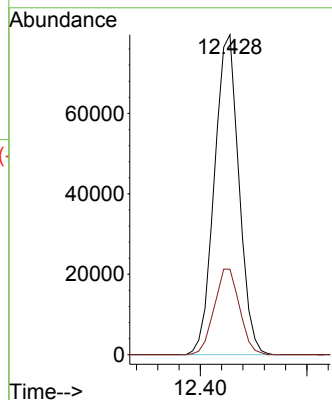
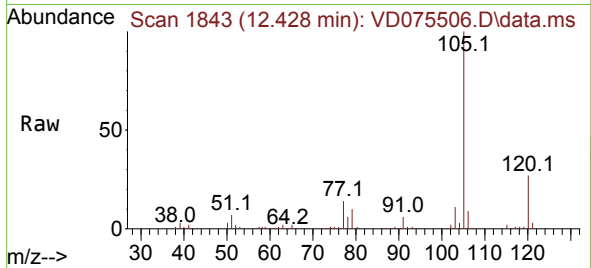




#73
Isopropylbenzene
Concen: 19.065 ug/l
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

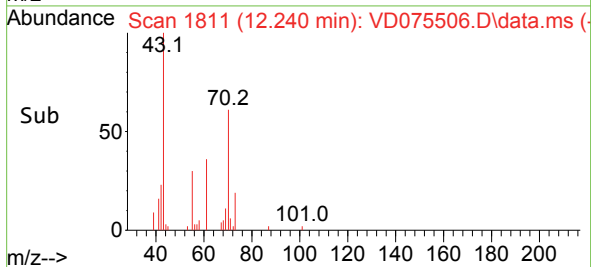
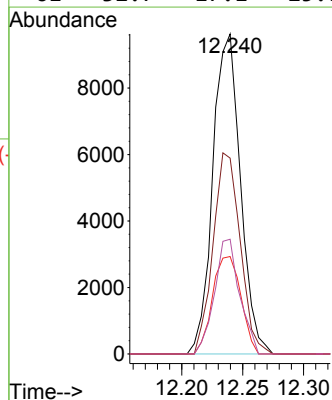
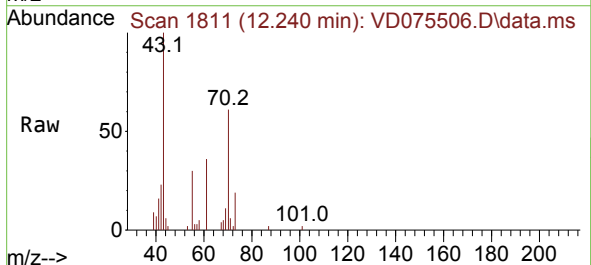
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

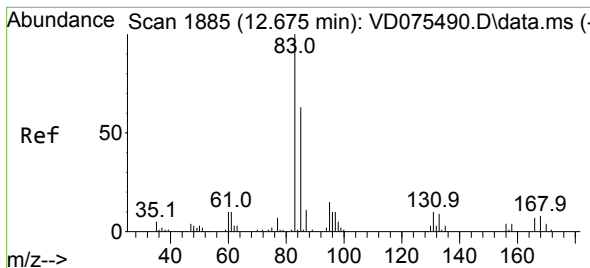
Tgt Ion:105 Resp: 127051
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 18.363 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 43 Resp: 15159
Ion Ratio Lower Upper
43 100
70 61.8 31.0 46.4#
55 31.3 18.6 28.0#
61 32.7 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.919 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

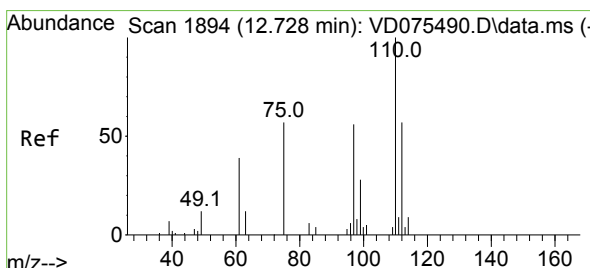
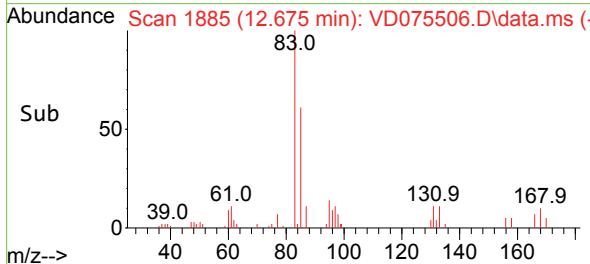
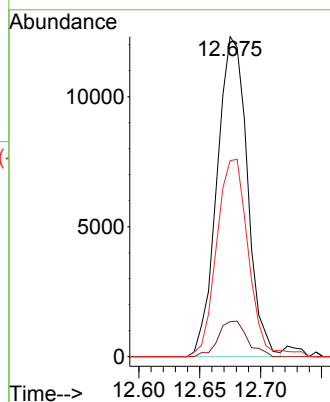
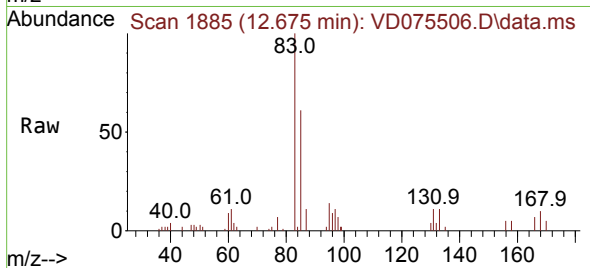
Tgt Ion: 83 Resp: 21382

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 64.4 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 35.451 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075506.D

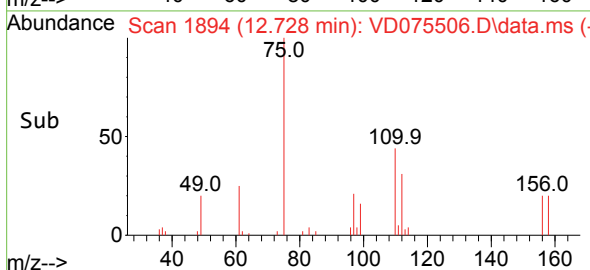
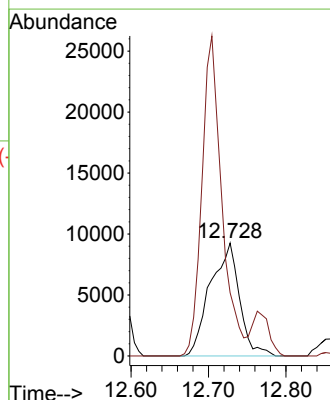
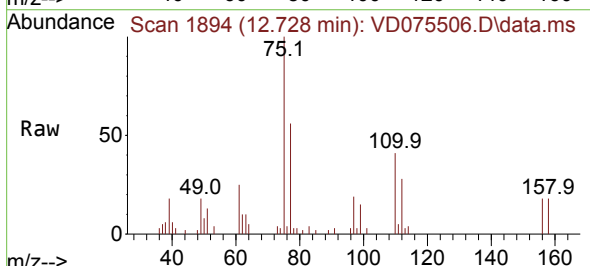
Acq: 13 Mar 2023 13:25

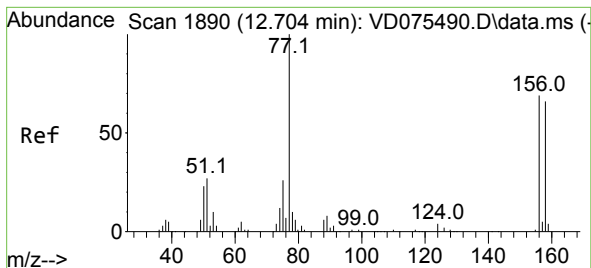
Tgt Ion: 75 Resp: 24195

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.265 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

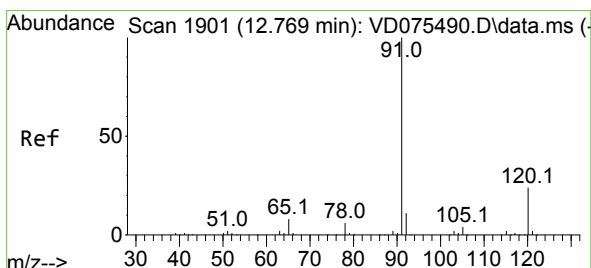
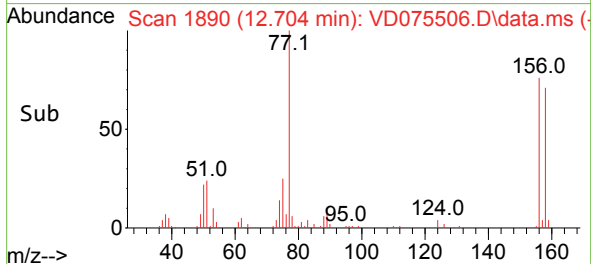
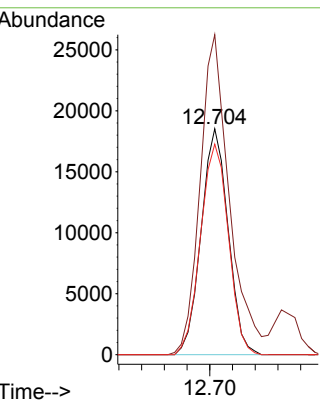
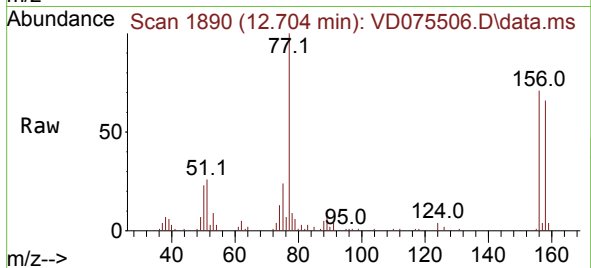
Tgt Ion:156 Resp: 30522

Ion Ratio Lower Upper

156 100

77 153.2 89.5 268.6

158 96.5 47.8 143.4



#78

n-propylbenzene

Concen: 19.761 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VD075506.D

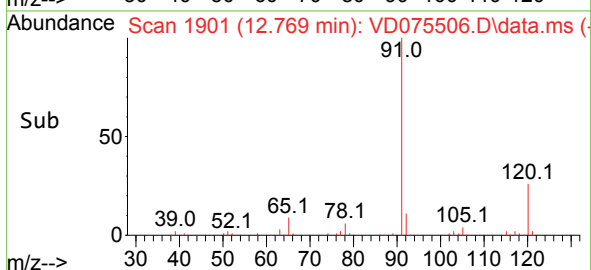
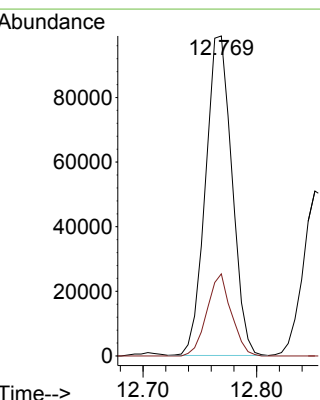
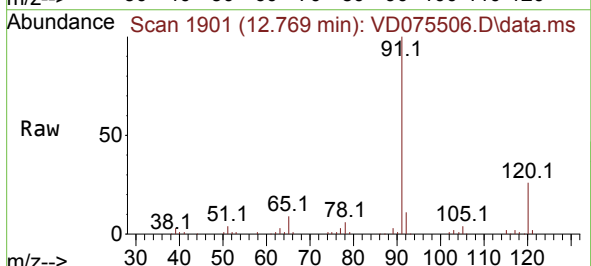
Acq: 13 Mar 2023 13:25

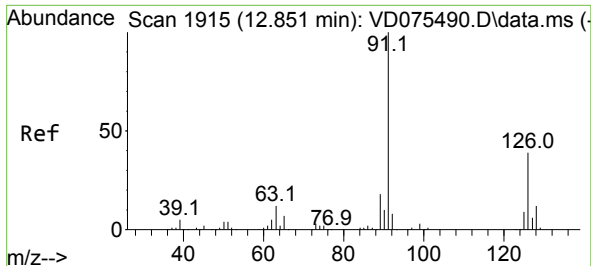
Tgt Ion: 91 Resp: 160009

Ion Ratio Lower Upper

91 100

120 23.6 11.4 34.2

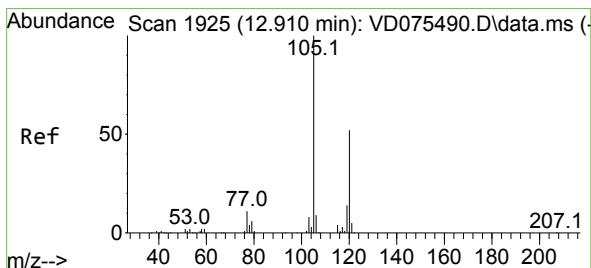
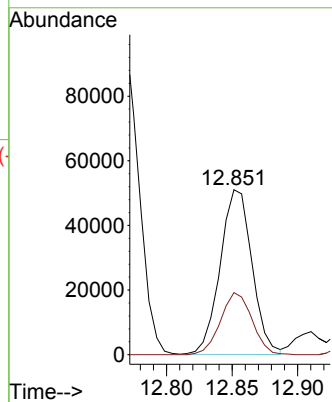
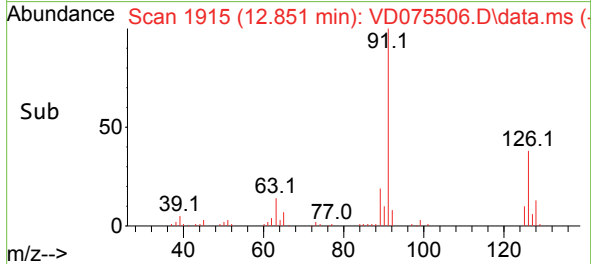
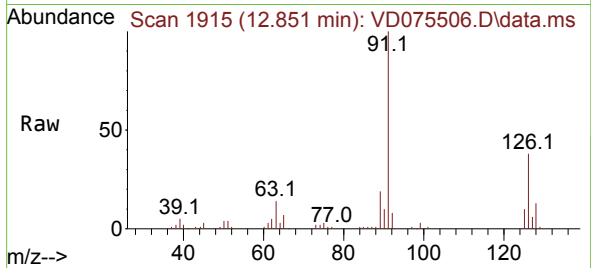




#79
2-Chlorotoluene
Concen: 19.638 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

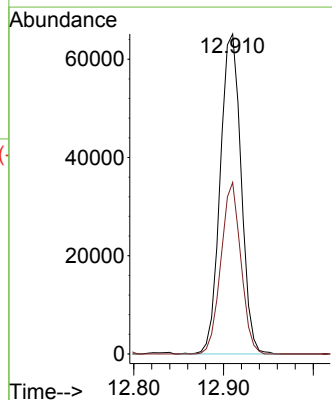
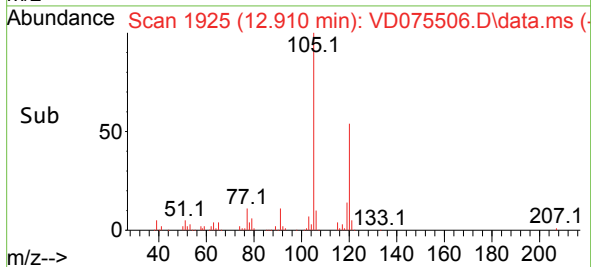
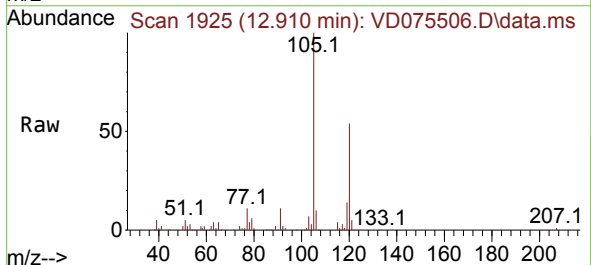
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

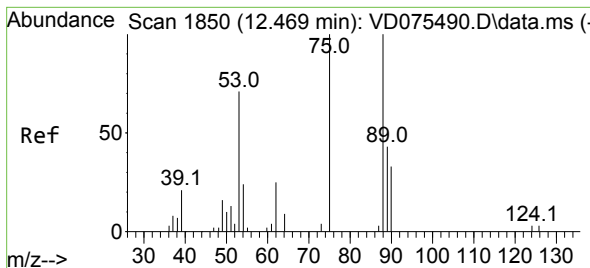
Tgt Ion: 91 Resp: 86167
Ion Ratio Lower Upper
91 100
126 37.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.242 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 105 Resp: 105151
Ion Ratio Lower Upper
105 100
120 51.1 24.3 72.8

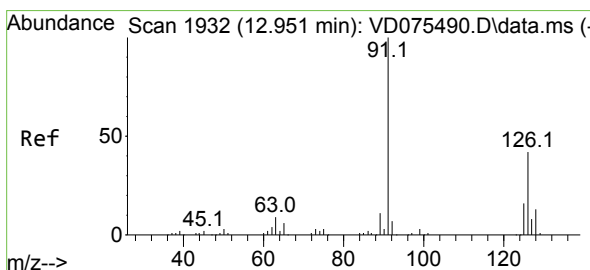
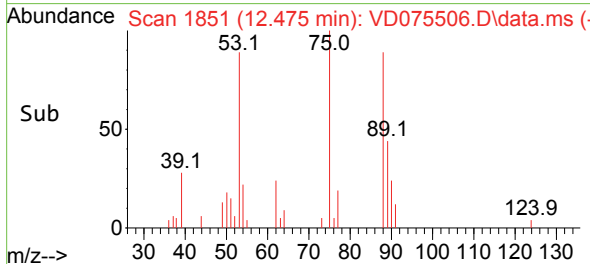
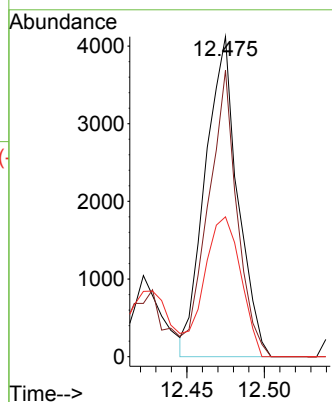
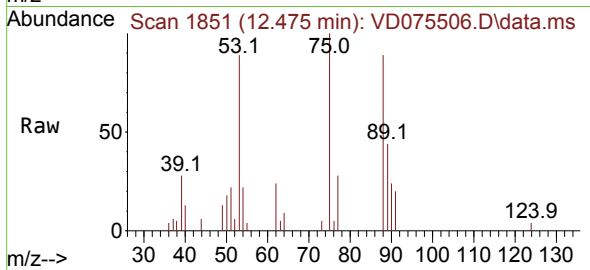




#81
trans-1,4-Dichloro-2-butene
Concen: 18.483 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

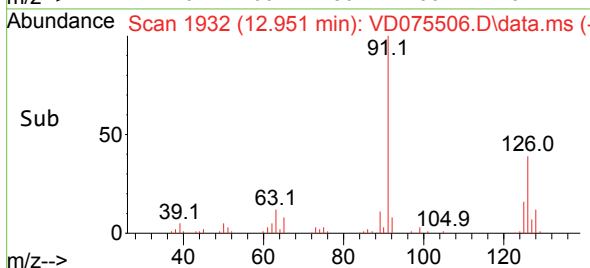
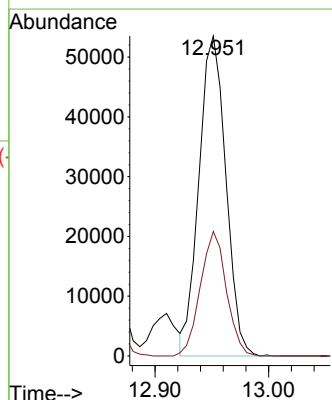
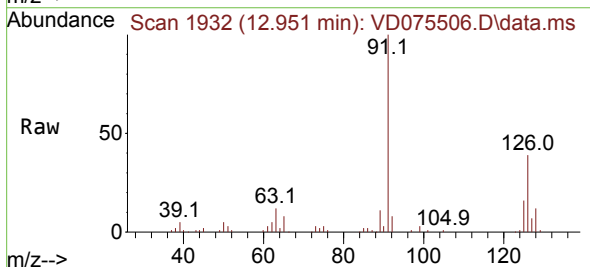
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

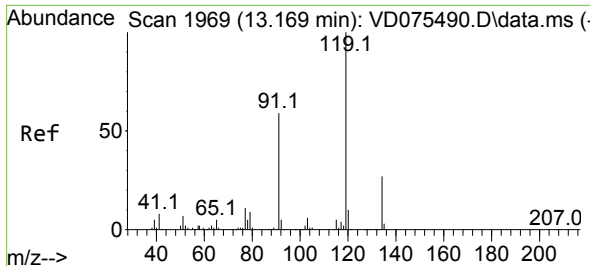
Tgt Ion: 75 Resp: 5997
Ion Ratio Lower Upper
75 100
53 79.5 90.5 135.7#
89 49.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 19.413 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 91 Resp: 87898
Ion Ratio Lower Upper
91 100
126 37.7 17.1 51.2

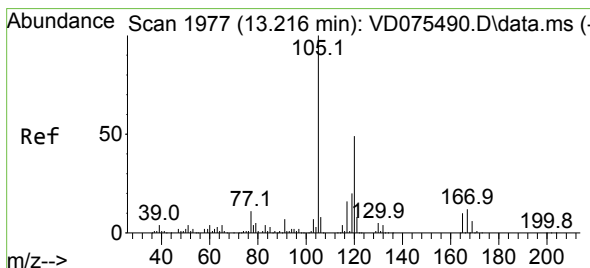
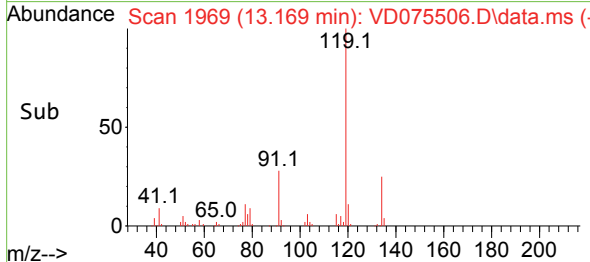
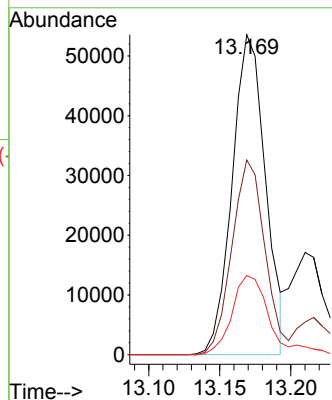
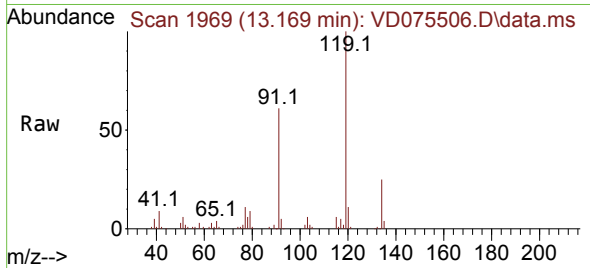




#83
tert-Butylbenzene
Concen: 18.433 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

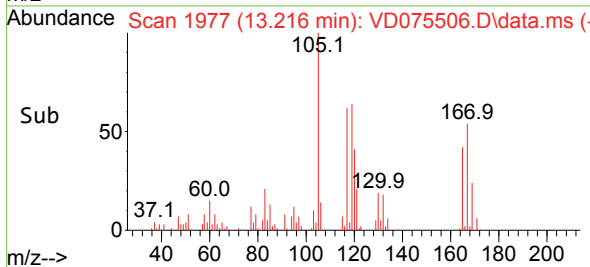
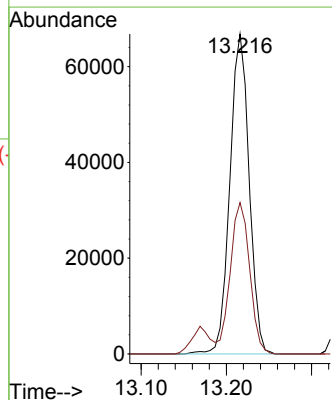
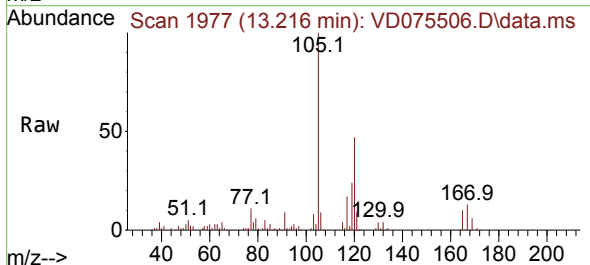
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

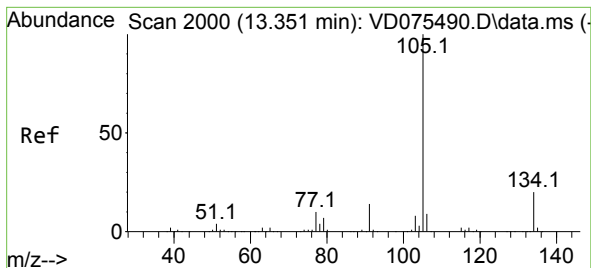
Tgt Ion:119 Resp: 87546
Ion Ratio Lower Upper
119 100
91 60.5 32.4 97.0
134 27.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 19.889 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion:105 Resp: 105040
Ion Ratio Lower Upper
105 100
120 47.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.203 ug/l

RT: 13.351 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

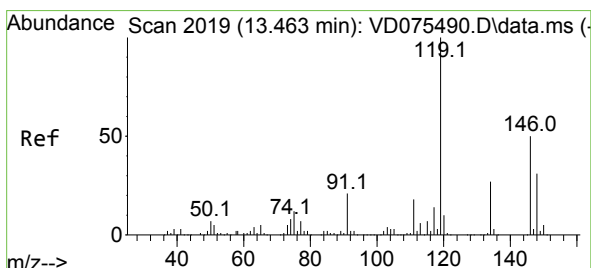
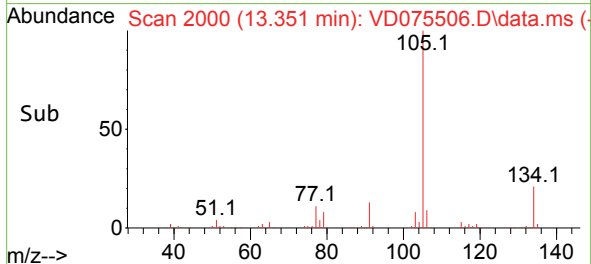
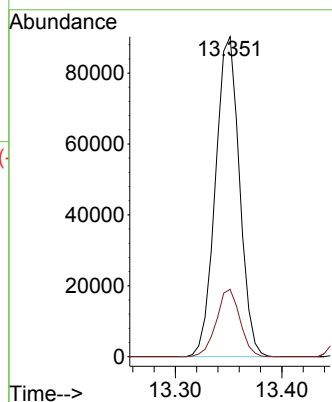
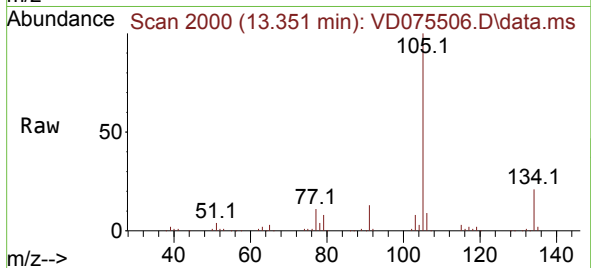
VD0313SBS01

Tgt Ion:105 Resp: 141199

Ion Ratio Lower Upper

105 100

134 20.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.429 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

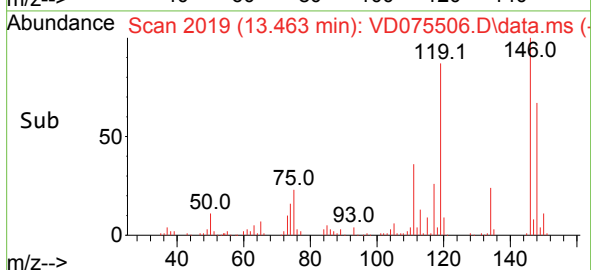
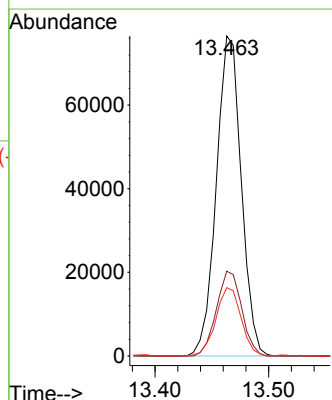
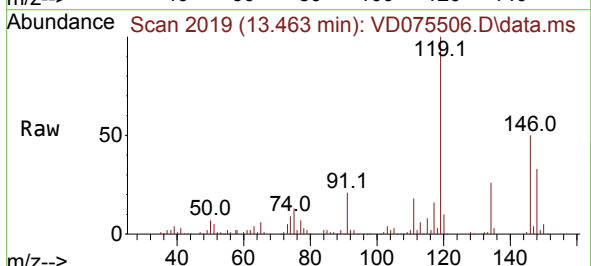
Tgt Ion:119 Resp: 116733

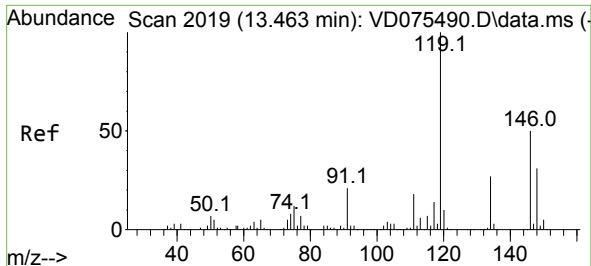
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.6 12.4 37.4

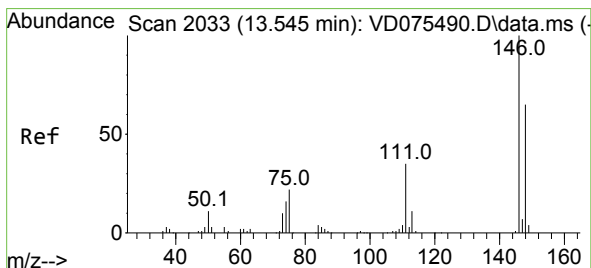
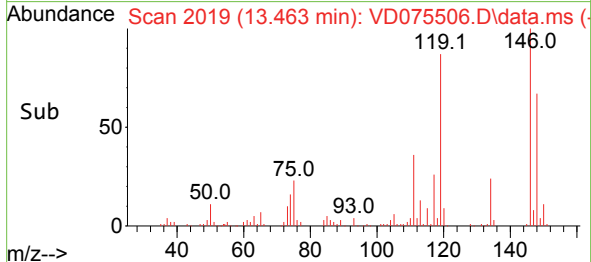
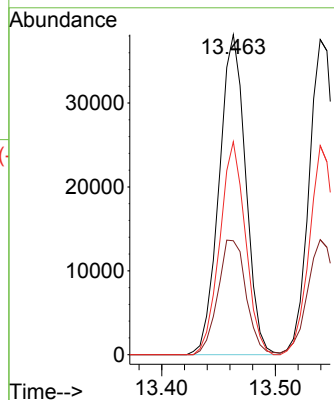
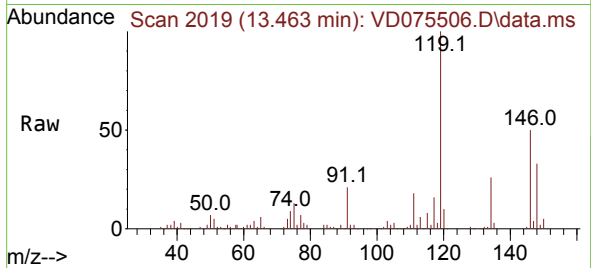




#87
 1,3-Dichlorobenzene
 Concen: 18.909 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

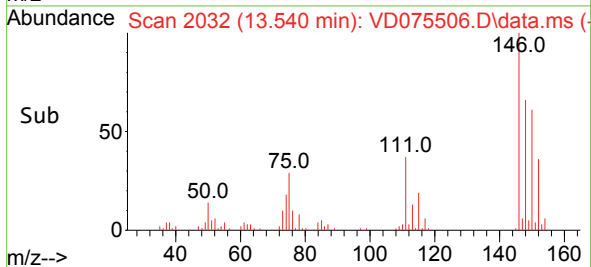
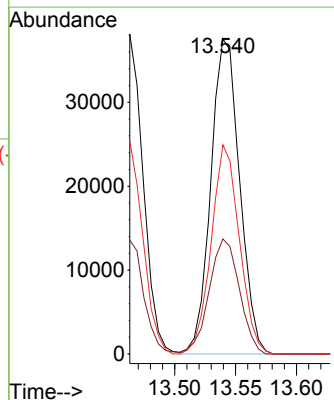
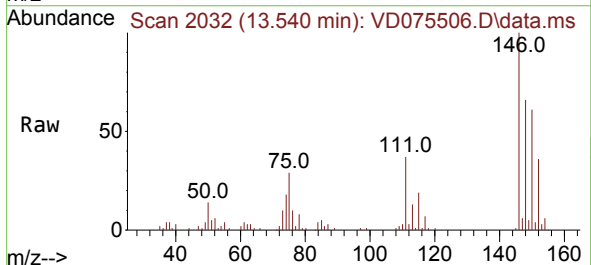
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBS01

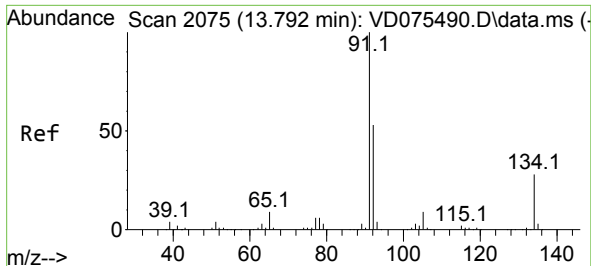
Tgt Ion:146 Resp: 61924
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.8 59.3
 148 64.2 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 19.084 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

Tgt Ion:146 Resp: 61826
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.8
 148 64.8 31.7 95.1

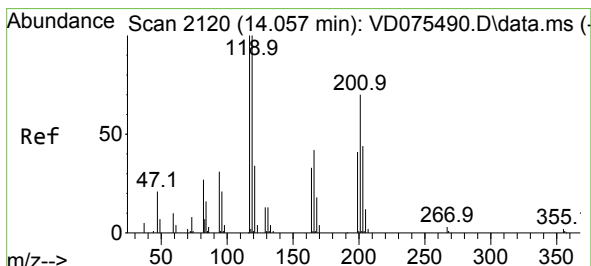
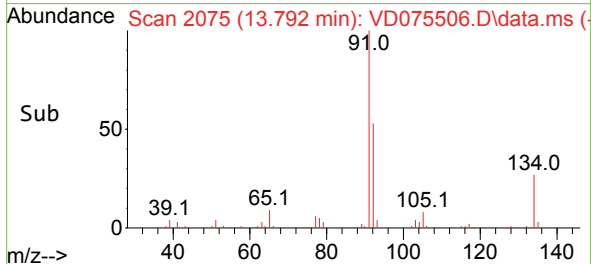
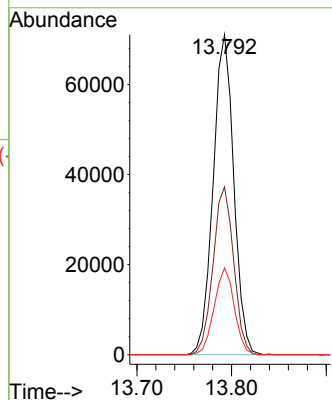
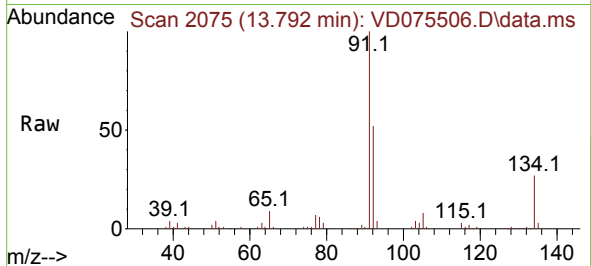




#89
n-Butylbenzene
Concen: 19.516 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

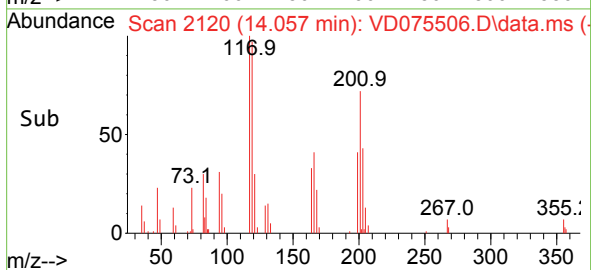
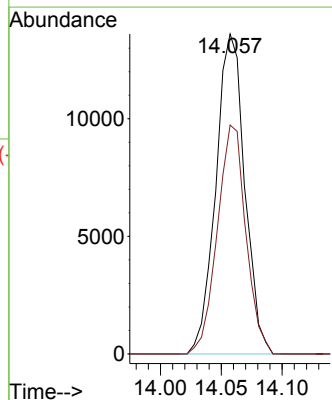
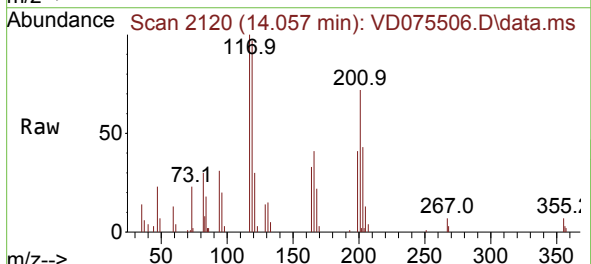
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

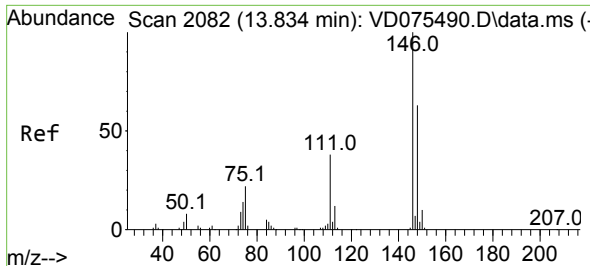
Tgt Ion: 91 Resp: 107537
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 26.5 12.7 38.0



#90
Hexachloroethane
Concen: 19.383 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 117 Resp: 22488
Ion Ratio Lower Upper
117 100
201 70.6 34.5 103.6

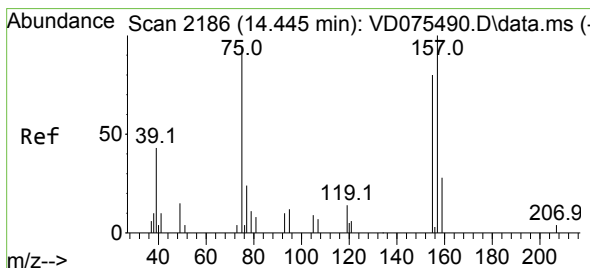
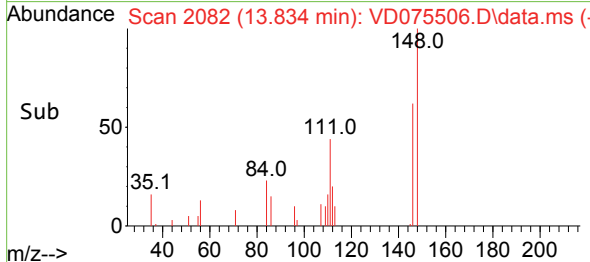
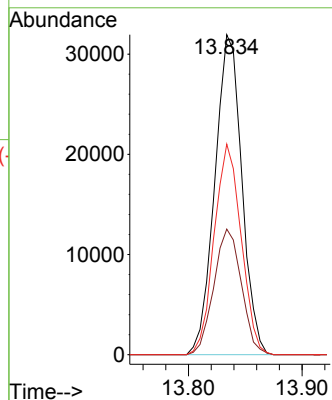
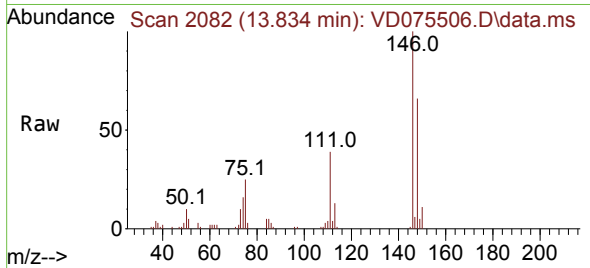




#91
1,2-Dichlorobenzene
Concen: 19.057 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

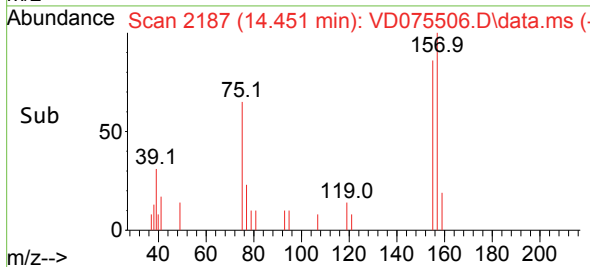
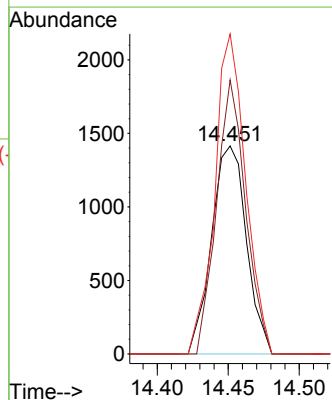
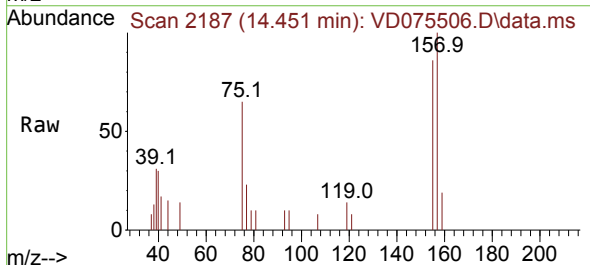
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBS01

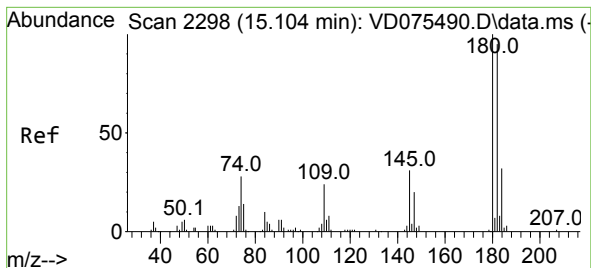
Tgt Ion:146 Resp: 52813
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.8
148 65.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.930 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075506.D
Acq: 13 Mar 2023 13:25

Tgt Ion: 75 Resp: 2408
Ion Ratio Lower Upper
75 100
155 110.3 39.5 118.5
157 136.8 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 18.259 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBS01

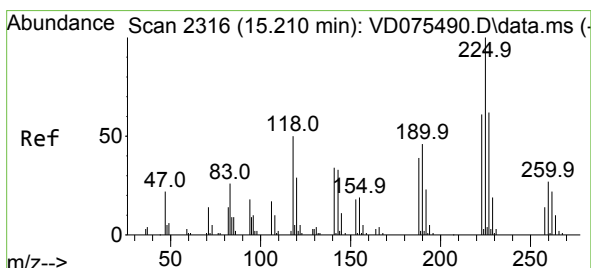
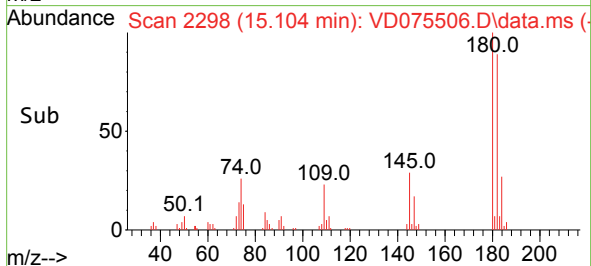
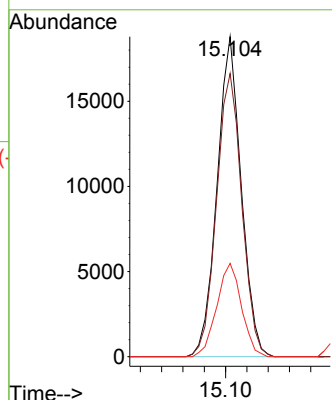
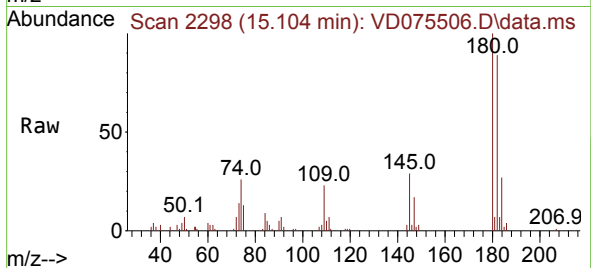
Tgt Ion:180 Resp: 29509

Ion Ratio Lower Upper

180 100

182 92.6 47.9 143.7

145 29.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.771 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075506.D

Acq: 13 Mar 2023 13:25

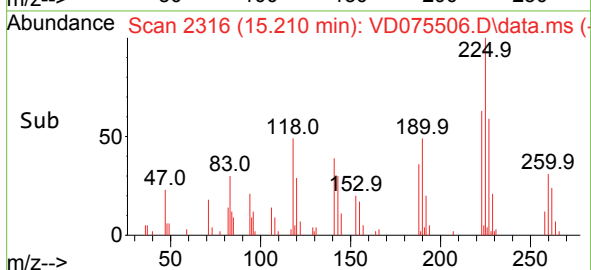
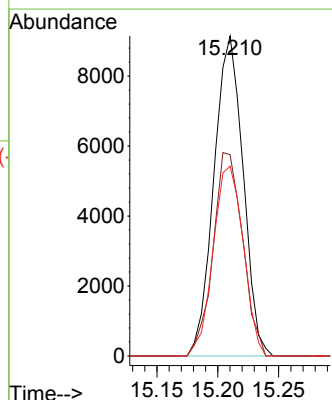
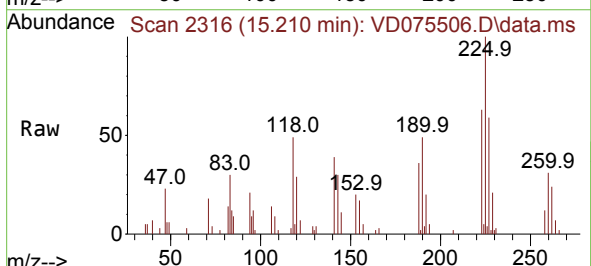
Tgt Ion:225 Resp: 15240

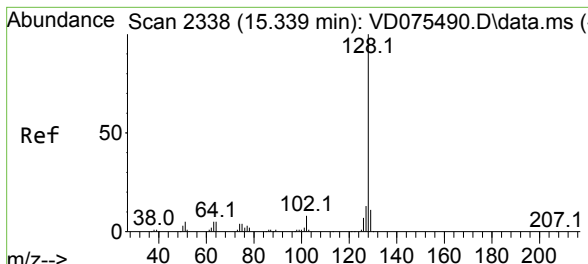
Ion Ratio Lower Upper

225 100

223 64.3 33.1 99.2

227 61.3 31.9 95.9

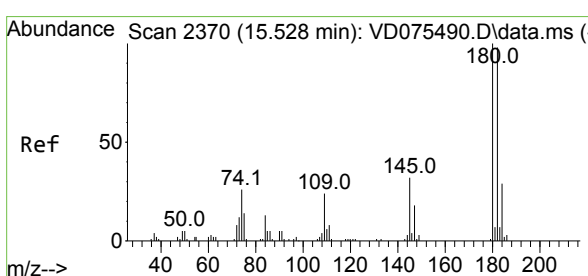
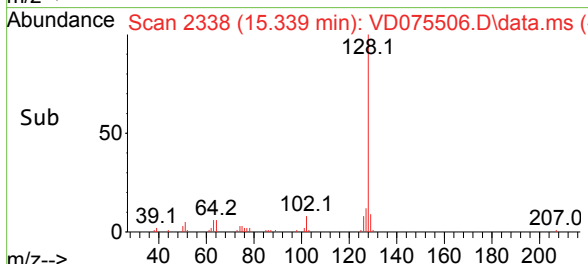
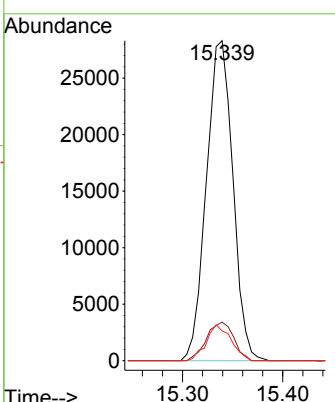
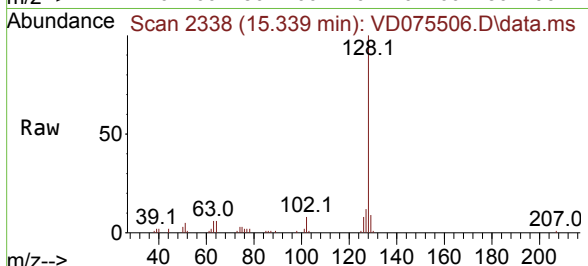




#95
 Naphthalene
 Concen: 17.520 ug/l
 RT: 15.339 min Scan# 2338
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

Instrument : MSVOA_D
 ClientSampleId : VD0313SBS01

Tgt Ion:	128	Resp:	51978
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.4	15.6
129	10.5	8.8	13.2



#96
 1,2,3-Trichlorobenzene
 Concen: 17.880 ug/l
 RT: 15.528 min Scan# 2370
 Delta R.T. 0.000 min
 Lab File: VD075506.D
 Acq: 13 Mar 2023 13:25

Tgt Ion:	180	Resp:	24935
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.7	143.1
145	30.6	16.4	49.4

