

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078239.D
 Acq On : 25 Jan 2024 10:59
 Operator : RP/MD
 Sample : VD0125SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 26 05:55:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	131488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75251	50.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.810	113	77555	49.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.269	98	308601	49.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.575	95	88445	49.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	32707	22.678	ug/l	98
3) Chloromethane	2.152	50	48332	19.950	ug/l	99
4) Vinyl Chloride	2.287	62	61858	19.839	ug/l	97
5) Bromomethane	2.693	94	40399	17.754	ug/l	99
6) Chloroethane	2.840	64	41074	18.859	ug/l	94
7) Trichlorofluoromethane	3.181	101	54486	19.212	ug/l	94
8) Diethyl Ether	3.593	74	14407	18.325	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	33916	20.647	ug/l	90
10) Methyl Iodide	4.169	142	29247	17.762	ug/l #	90
11) Tert butyl alcohol	5.052	59	7605	102.912	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	30006	18.440	ug/l	87
13) Acrolein	3.799	56	14167	83.511	ug/l	98
14) Allyl chloride	4.569	41	41322	19.252	ug/l #	89
15) Acrylonitrile	5.258	53	34800	98.641	ug/l	98
16) Acetone	4.028	43	51064	125.635	ug/l #	86
17) Carbon Disulfide	4.275	76	94617	17.932	ug/l #	94
18) Methyl Acetate	4.569	43	24215	18.750	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	61883	18.237	ug/l	98
20) Methylene Chloride	4.805	84	39667	19.058	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	34273	18.227	ug/l	92
22) Diisopropyl ether	6.216	45	90842	20.001	ug/l #	94
23) Vinyl Acetate	6.158	43	211807	94.655	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	62107	19.790	ug/l	97
25) 2-Butanone	7.087	43	56791	114.503	ug/l #	77
26) 2,2-Dichloropropane	7.081	77	49585	18.861	ug/l	75
27) cis-1,2-Dichloroethene	7.081	96	38844	19.231	ug/l	89
28) Bromochloromethane	7.428	49	23764	19.415	ug/l #	78
29) Tetrahydrofuran	7.446	42	23538	95.050	ug/l	88
30) Chloroform	7.599	83	63723	19.966	ug/l	96
31) Cyclohexane	7.881	56	52990	19.093	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	53916	19.556	ug/l	99
36) 1,1-Dichloropropene	8.016	75	49220	19.052	ug/l	95
37) Ethyl Acetate	7.169	43	14797	15.385	ug/l	95
38) Carbon Tetrachloride	7.999	117	46003	18.030	ug/l	96
39) Methylcyclohexane	9.275	83	56563	18.513	ug/l #	86
40) Benzene	8.252	78	142761	19.473	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	10502	19.886	ug/l	91
42) 1,2-Dichloroethane	8.328	62	35741	18.737	ug/l	95
43) Isopropyl Acetate	8.363	43	30843	17.504	ug/l #	91
44) Trichloroethene	9.028	130	34279	18.276	ug/l	90
45) 1,2-Dichloropropane	9.310	63	36094	19.840	ug/l	96
46) Dibromomethane	9.393	93	18879	18.897	ug/l #	86
47) Bromodichloromethane	9.581	83	46313	18.454	ug/l	100
48) Methyl methacrylate	9.381	41	19449	19.065	ug/l #	74
49) 1,4-Dioxane	9.387	88	3479	359.884	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	88608	95.698	ug/l	89
52) Toluene	10.334	92	86480	18.610	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	41375	17.870	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	50665	18.254	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	25395	18.996	ug/l	93
56) Ethyl methacrylate	10.599	69	20593	18.818	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	42501	18.590	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	66274	101.058	ug/l	95
59) 2-Hexanone	10.922	43	79775	106.025	ug/l	85
60) Dibromochloromethane	11.075	129	28920	18.349	ug/l	94
61) 1,2-Dibromoethane	11.181	107	22898	18.582	ug/l	98
64) Tetrachloroethene	10.810	164	26626	18.513	ug/l	94
65) Chlorobenzene	11.610	112	88703	18.255	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	31970	18.411	ug/l	98
67) Ethyl Benzene	11.687	91	161966	18.317	ug/l	98
68) m/p-Xylenes	11.793	106	125796	37.249	ug/l	89
69) o-Xylene	12.122	106	53885	17.581	ug/l	85
70) Styrene	12.134	104	83977	18.285	ug/l	95
71) Bromoform	12.298	173	15055	17.507	ug/l #	98
73) Isopropylbenzene	12.422	105	149963	18.847	ug/l	95
74) N-amyl acetate	12.234	43	29339	19.273	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	27723	18.725	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	34954	36.012	ug/l #	100
77) Bromobenzene	12.698	156	33128	18.990	ug/l	82
78) n-propylbenzene	12.763	91	191054	19.360	ug/l	94
79) 2-Chlorotoluene	12.845	91	100211	19.028	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	127251	19.287	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	8826	19.587	ug/l	92
82) 4-Chlorotoluene	12.945	91	108015	19.457	ug/l	94
83) tert-Butylbenzene	13.163	119	103588	18.782	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	124698	18.688	ug/l	96
85) sec-Butylbenzene	13.345	105	157703	18.884	ug/l	96
86) p-Isopropyltoluene	13.457	119	133930	18.429	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	66784	18.490	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	65976	18.489	ug/l	95
89) n-Butylbenzene	13.787	91	136496	19.294	ug/l	95
90) Hexachloroethane	14.051	117	27859	19.542	ug/l	79
91) 1,2-Dichlorobenzene	13.828	146	59168	19.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3935	18.598	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	32549	17.337	ug/l	94
94) Hexachlorobutadiene	15.198	225	16370	18.044	ug/l	96
95) Naphthalene	15.334	128	59910	17.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	27472	17.440	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

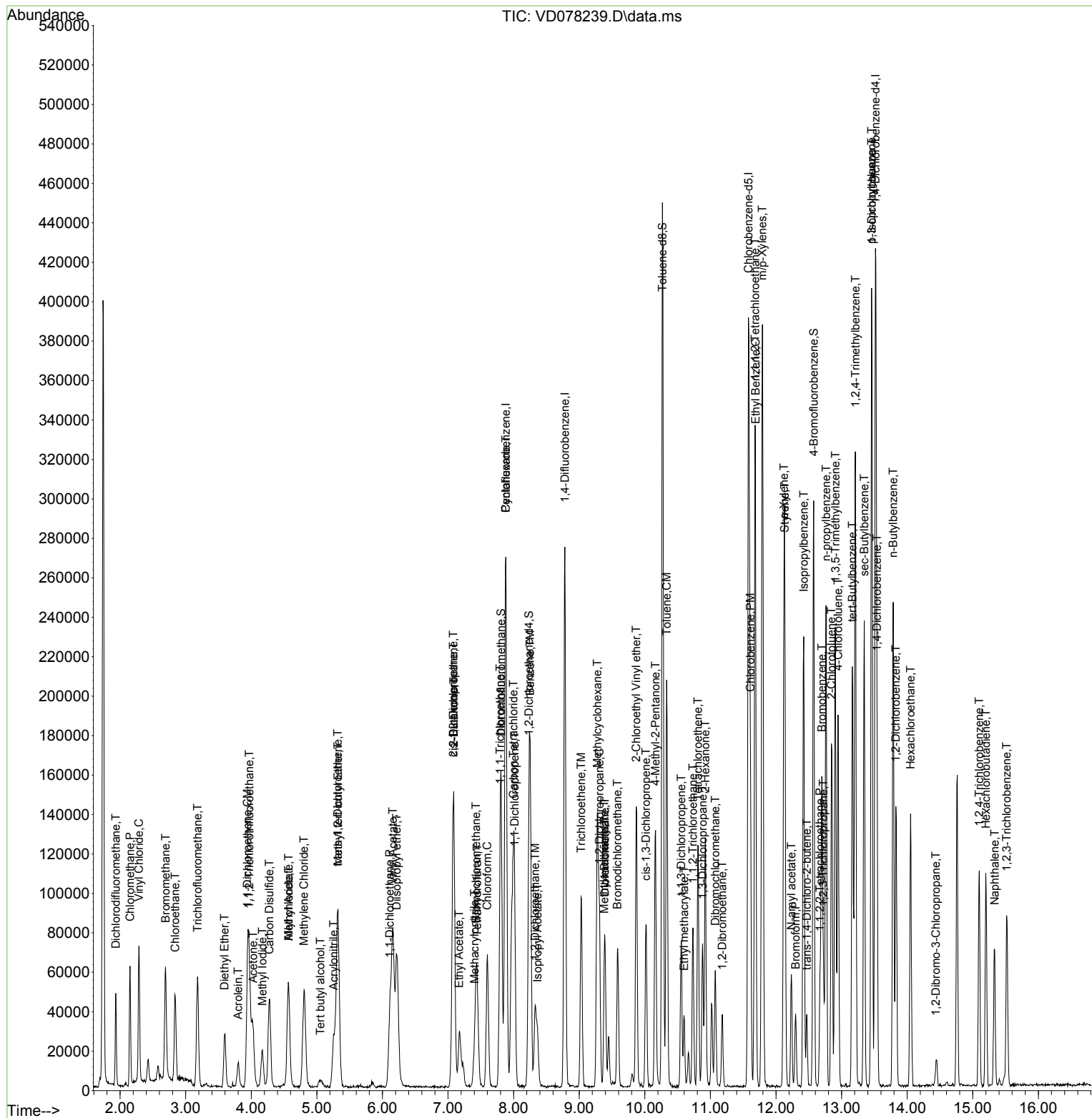
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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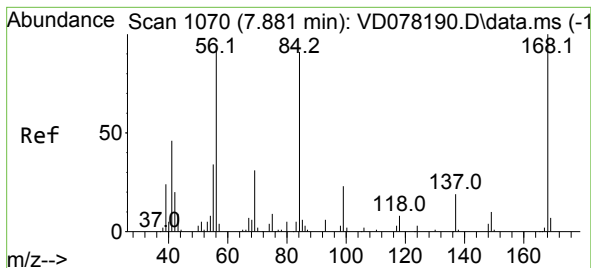
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

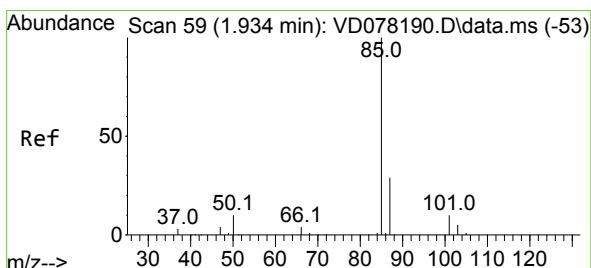
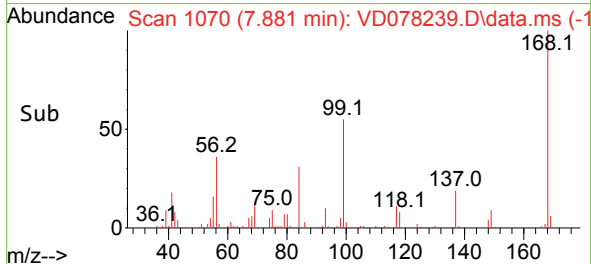
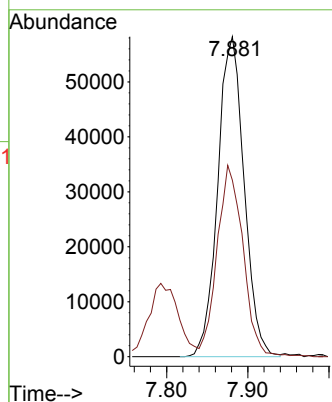
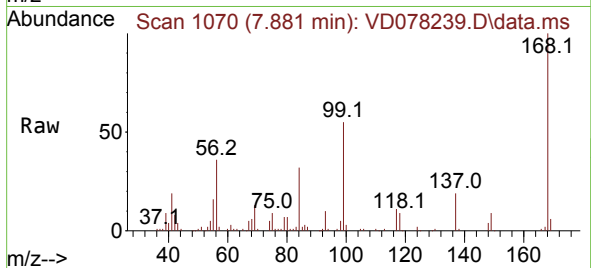
ClientSampleId :

Tgt Ion:168 Resp: 131488

Ion Ratio Lower Upper

168 100

99 54.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 22.678 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078239.D

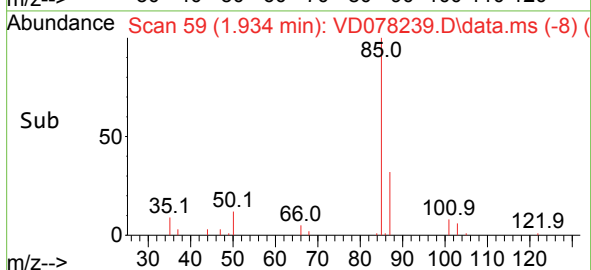
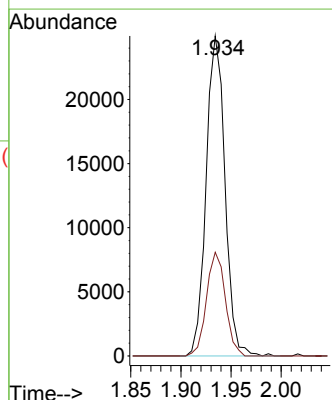
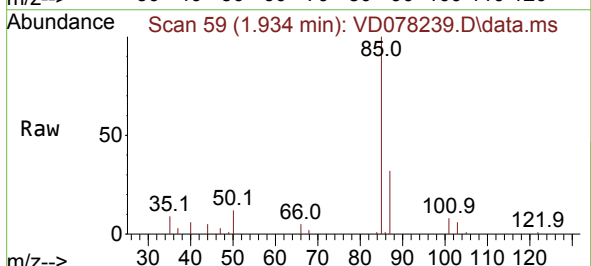
Acq: 25 Jan 2024 10:59

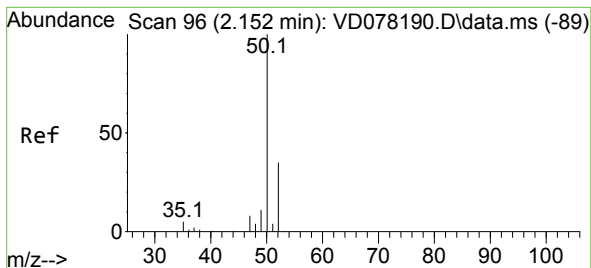
Tgt Ion: 85 Resp: 32707

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.0





#3

Chloromethane

Concen: 19.950 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

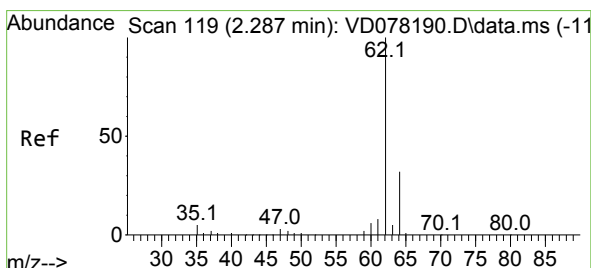
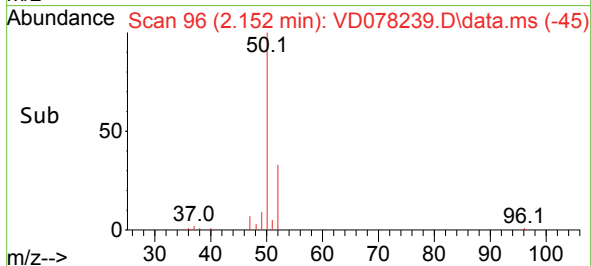
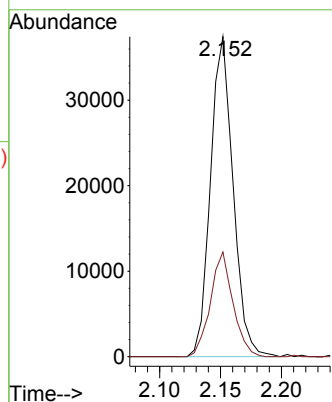
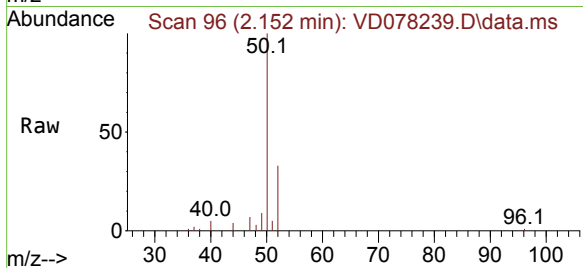
ClientSampleId :

Tgt Ion: 50 Resp: 48332

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 19.839 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078239.D

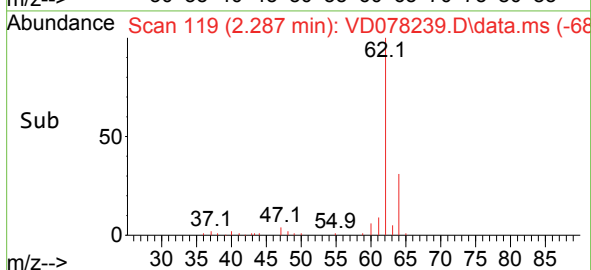
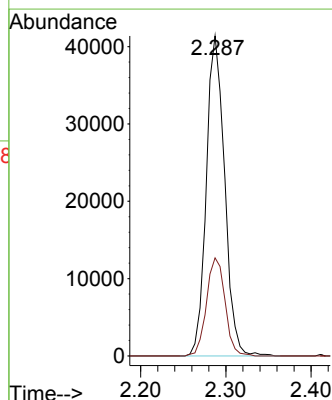
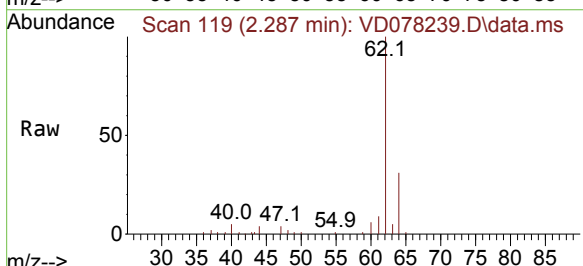
Acq: 25 Jan 2024 10:59

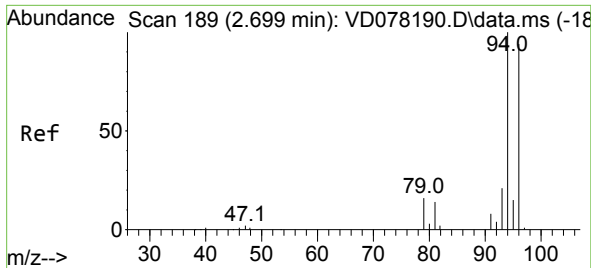
Tgt Ion: 62 Resp: 61858

Ion Ratio Lower Upper

62 100

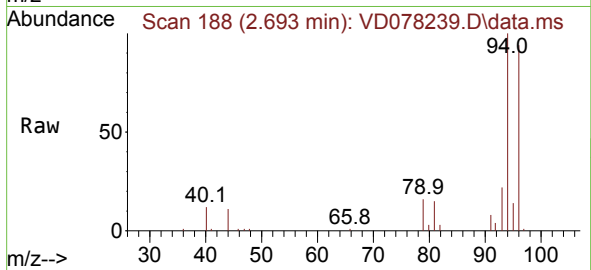
64 30.6 26.0 39.0



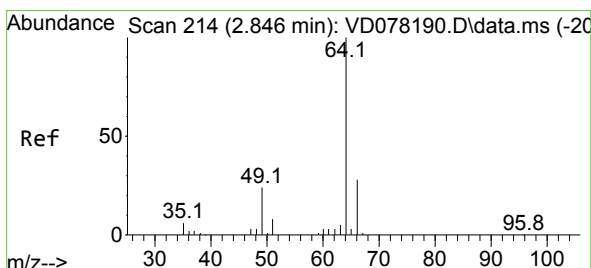
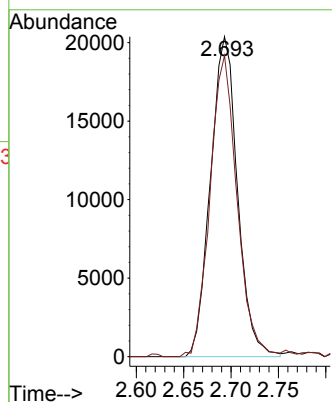
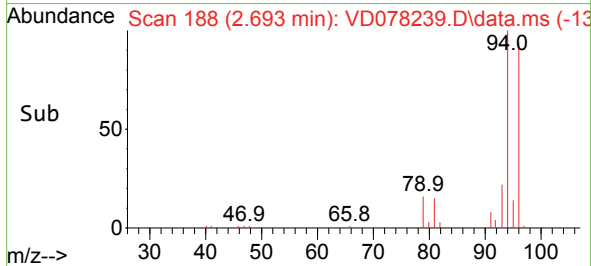


#5
Bromomethane
Concen: 17.754 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

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ClientSampleId :

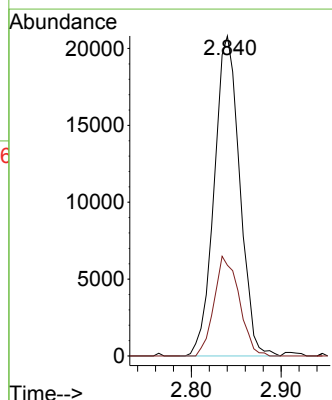
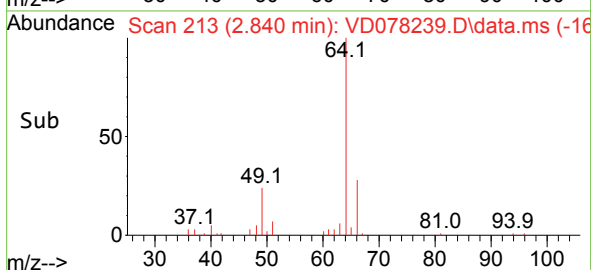
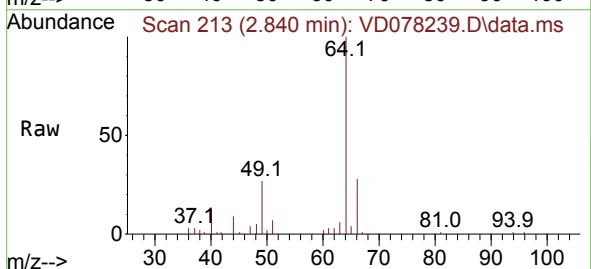


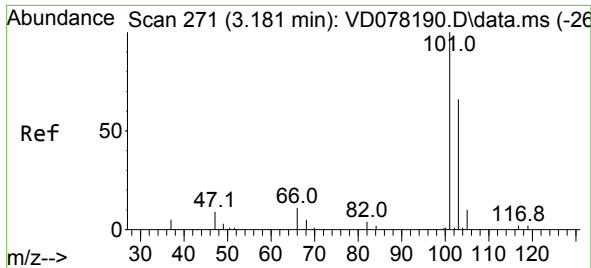
Tgt Ion: 94 Resp: 40399
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#6
Chloroethane
Concen: 18.859 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 64 Resp: 41074
Ion Ratio Lower Upper
64 100
66 28.4 25.5 38.3

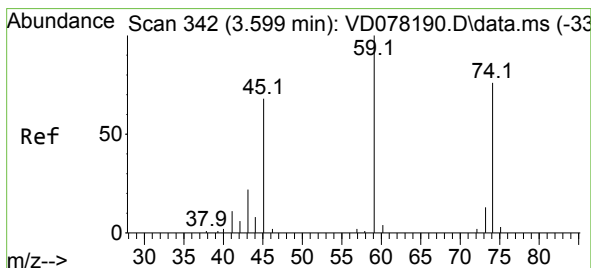
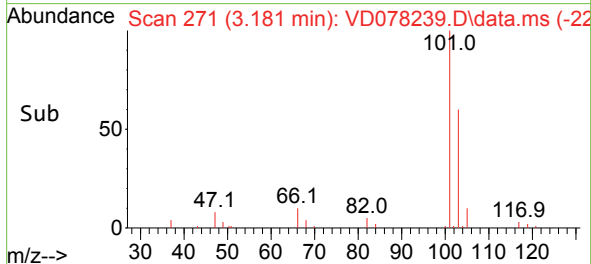
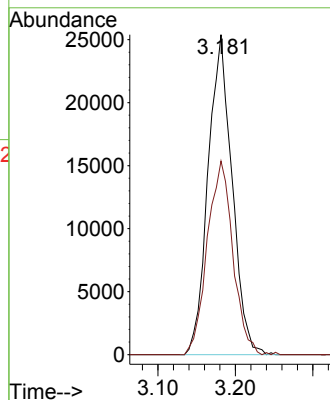
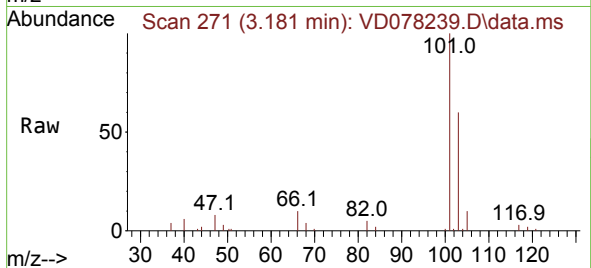




#7
Trichlorofluoromethane
Concen: 19.212 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

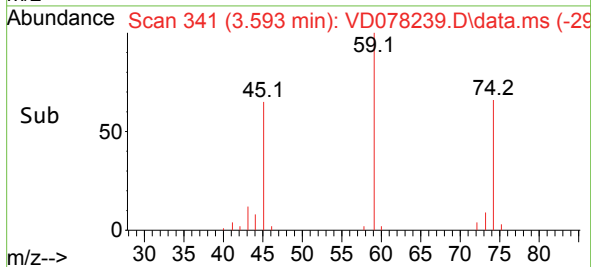
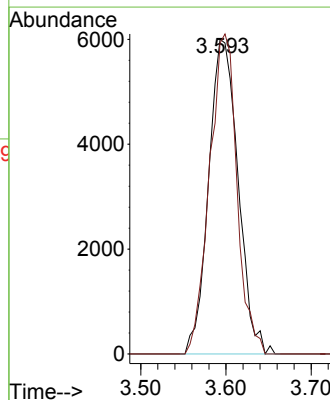
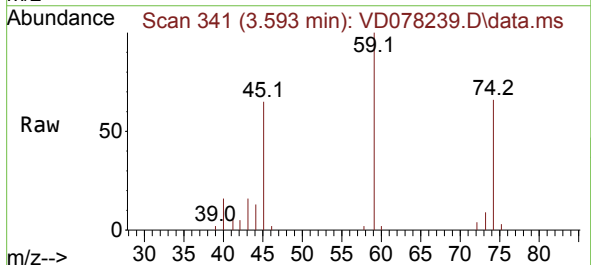
Instrument :
MSVOA_D
ClientSampleId :

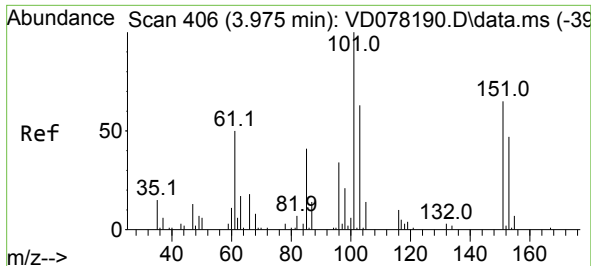
Tgt Ion:101 Resp: 54486
Ion Ratio Lower Upper
101 100
103 60.5 52.3 78.5



#8
Diethyl Ether
Concen: 18.325 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078239.D
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Tgt Ion: 74 Resp: 14407
Ion Ratio Lower Upper
74 100
45 94.7 37.5 112.7

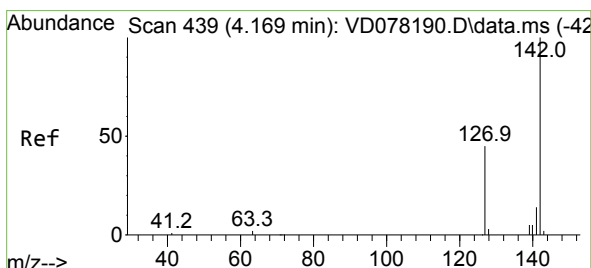
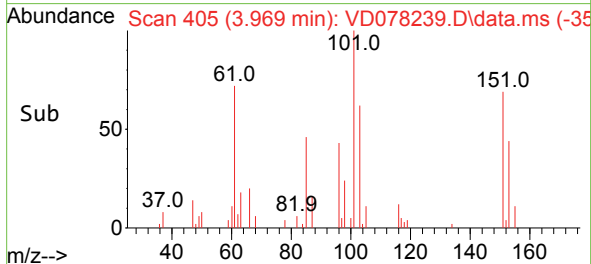
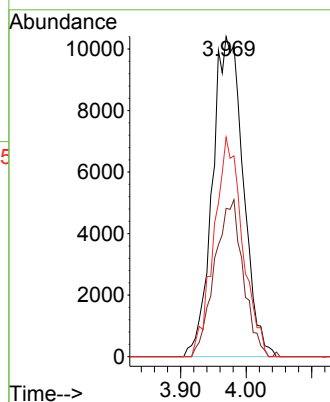
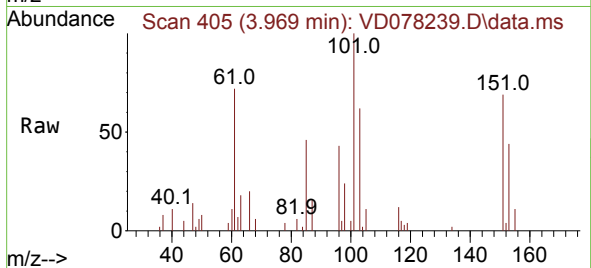




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.647 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

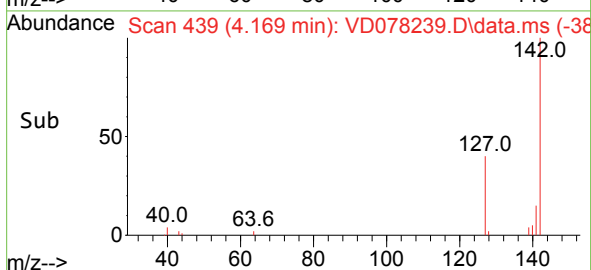
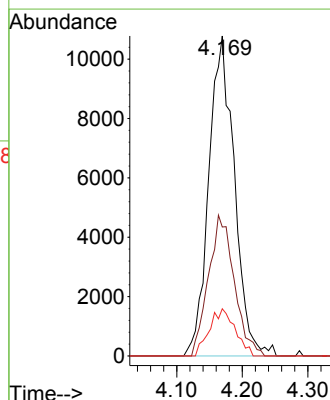
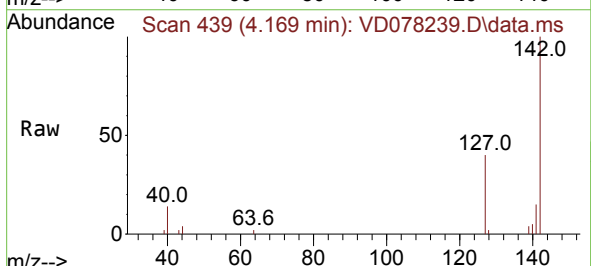
Instrument :
MSVOA_D
ClientSampleId :

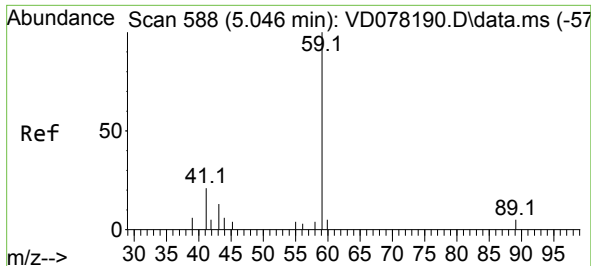
Tgt Ion:101	Resp:	33916
Ion Ratio	Lower	Upper
101	100	
85	45.3	33.8 50.6
151	63.6	59.8 89.6



#10
Methyl Iodide
Concen: 17.762 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion:142	Resp:	29247
Ion Ratio	Lower	Upper
142	100	
127	44.3	29.4 44.0#
141	14.8	11.1 16.7

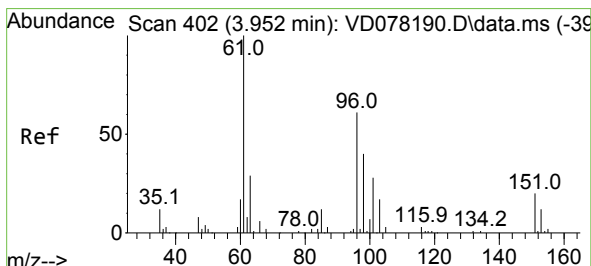
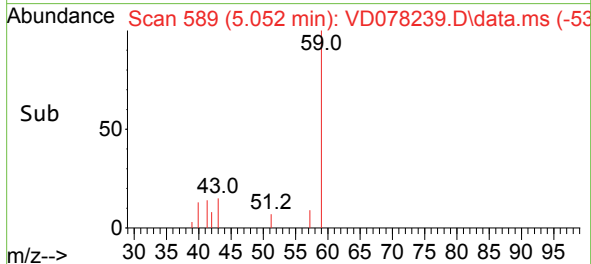
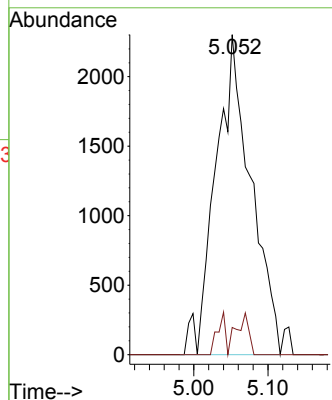
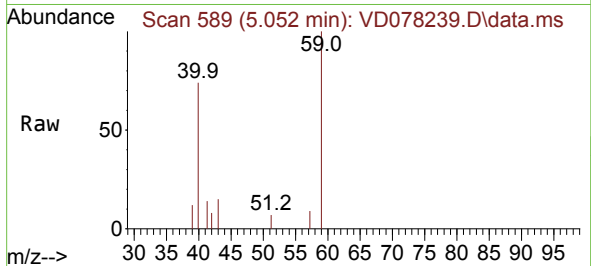




#11
Tert butyl alcohol
Concen: 102.912 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

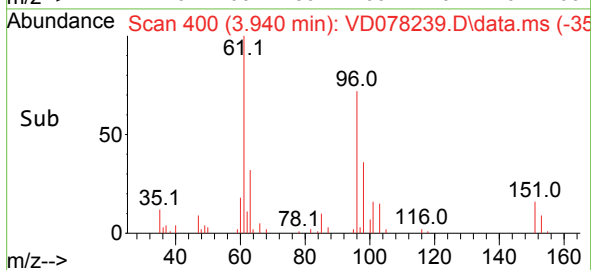
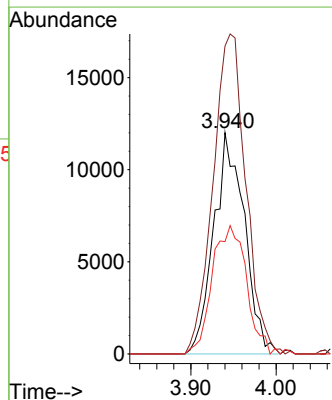
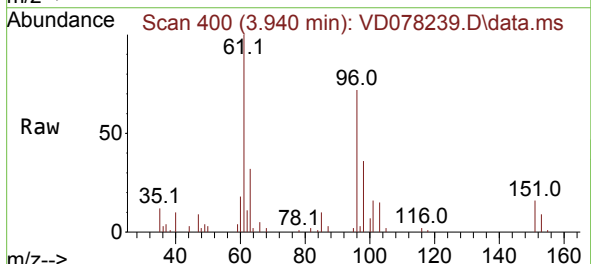
Instrument :
MSVOA_D
ClientSampleId :

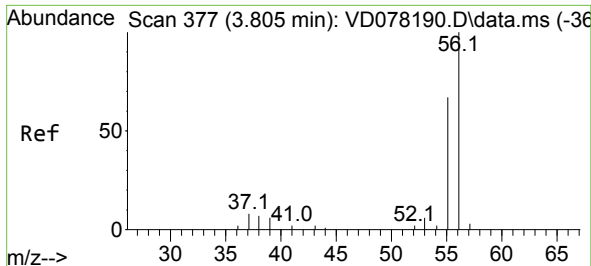
Tgt Ion: 59 Resp: 7605
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.440 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 96 Resp: 30006
Ion Ratio Lower Upper
96 100
61 139.1 100.6 150.8
98 50.8 50.2 75.2





#13

Acrolein

Concen: 83.511 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

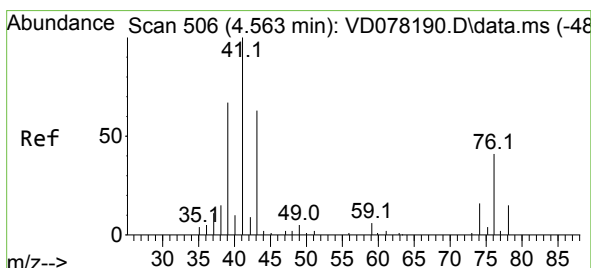
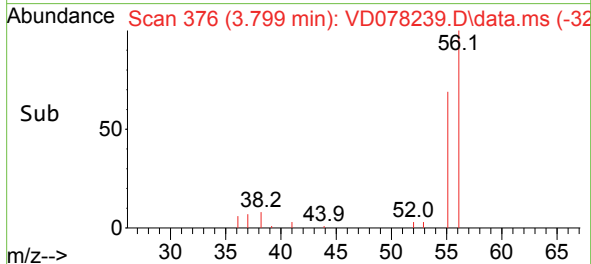
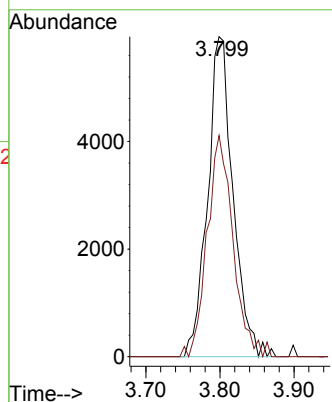
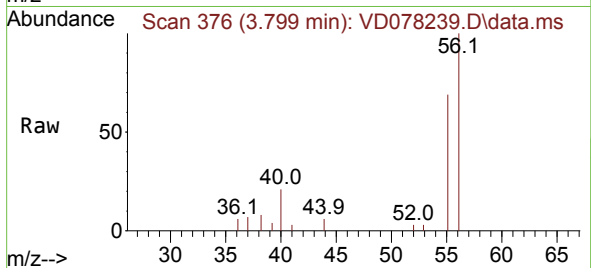
ClientSampleId :

Tgt Ion: 56 Resp: 14167

Ion Ratio Lower Upper

56 100

55 70.3 55.1 82.7



#14

Allyl chloride

Concen: 19.252 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

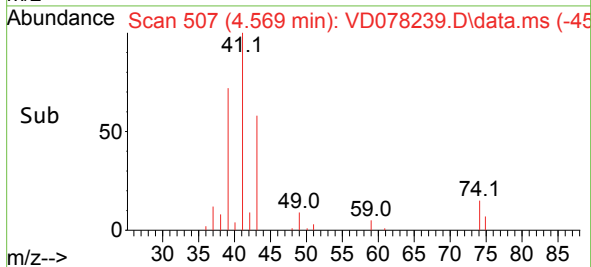
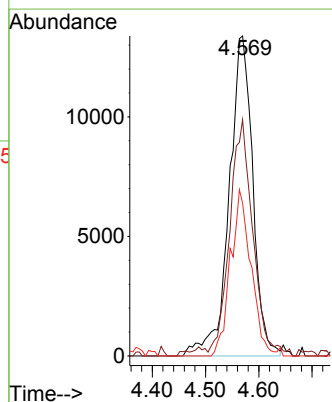
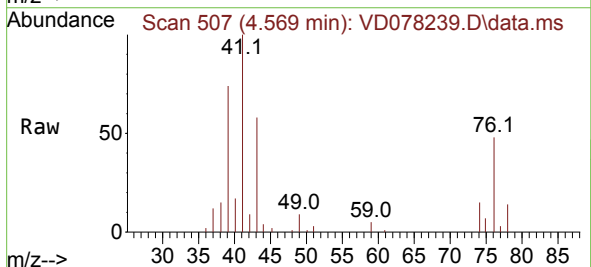
Tgt Ion: 41 Resp: 41322

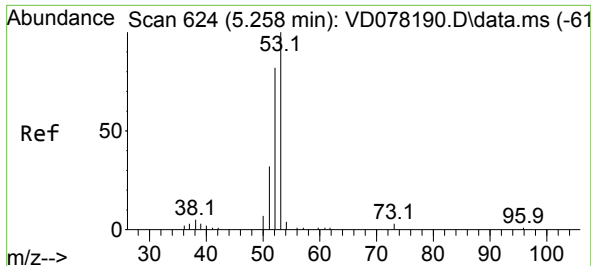
Ion Ratio Lower Upper

41 100

39 72.5 53.8 80.6

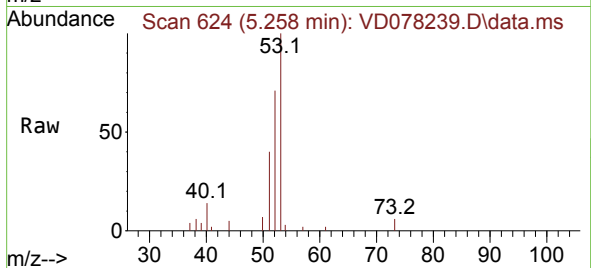
76 45.5 45.8 68.8#



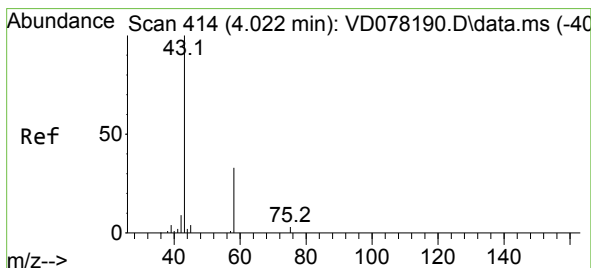
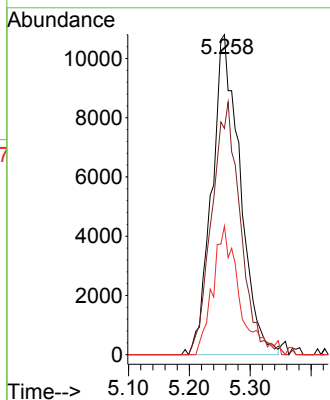
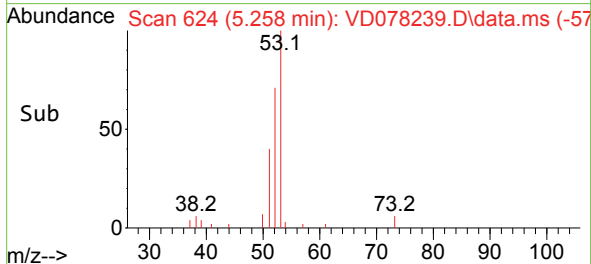


#15
Acrylonitrile
Concen: 98.641 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Instrument :
MSVOA_D
ClientSampleId :

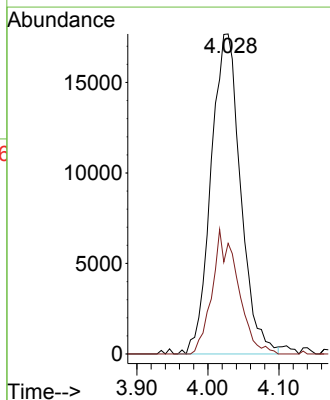
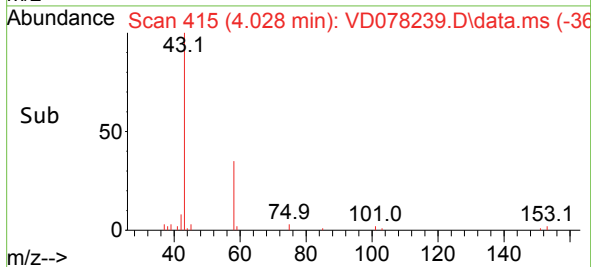
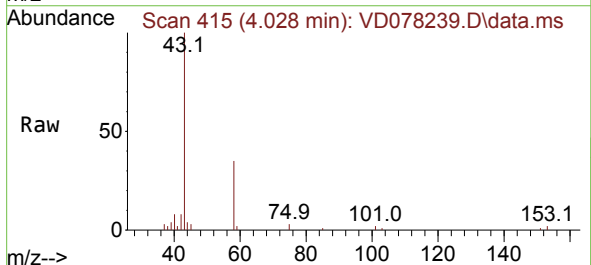


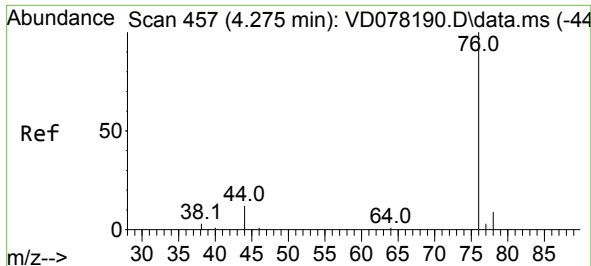
Tgt Ion: 53	Resp: 34800
Ion Ratio	Lower Upper
53	100
52	79.8 65.0 97.4
51	37.9 28.3 42.5



#16
Acetone
Concen: 125.635 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

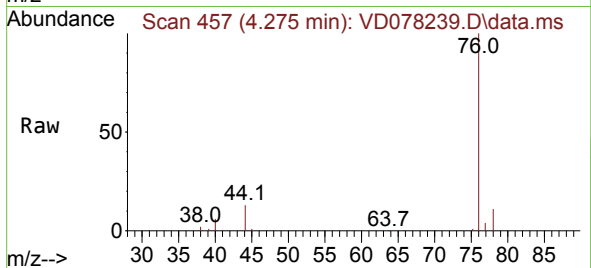
Tgt Ion: 43	Resp: 51064
Ion Ratio	Lower Upper
43	100
58	34.6 34.7 52.1#



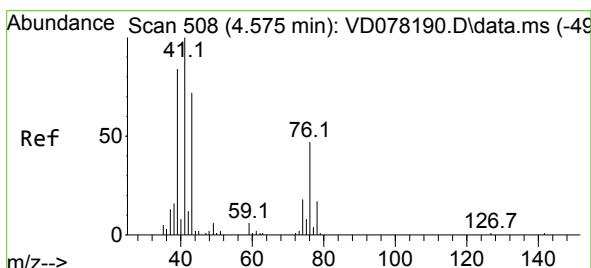
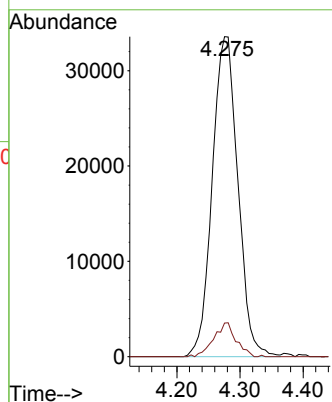
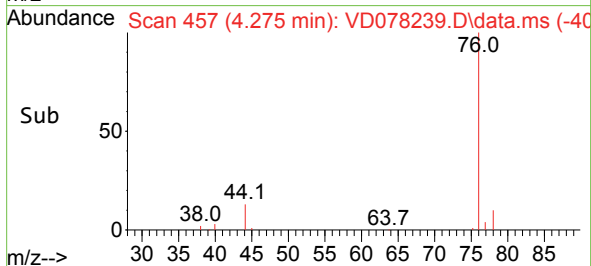


#17
Carbon Disulfide
Concen: 17.932 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Instrument :
MSVOA_D
ClientSampleId :

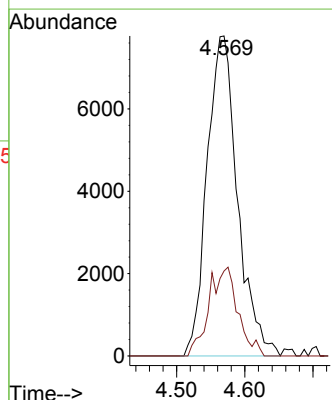
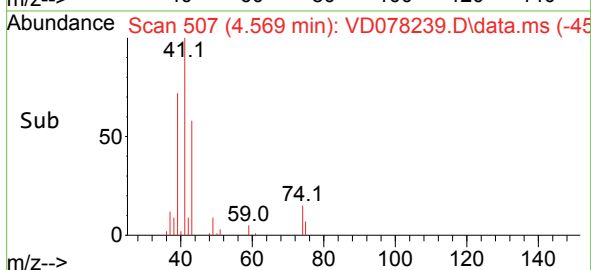
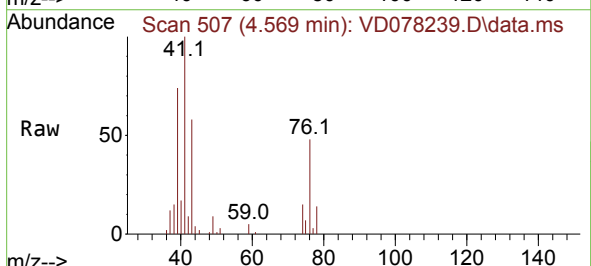


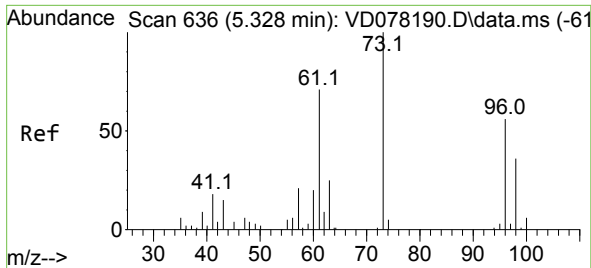
Tgt Ion: 76 Resp: 94617
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2#



#18
Methyl Acetate
Concen: 18.750 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 43 Resp: 24215
Ion Ratio Lower Upper
43 100
74 26.3 26.4 39.6#

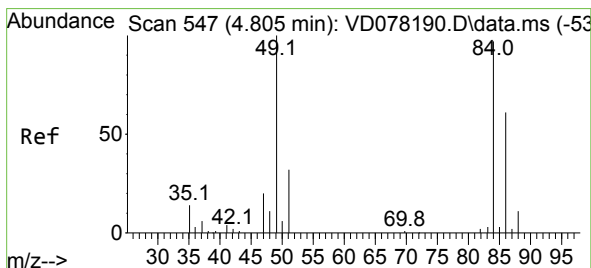
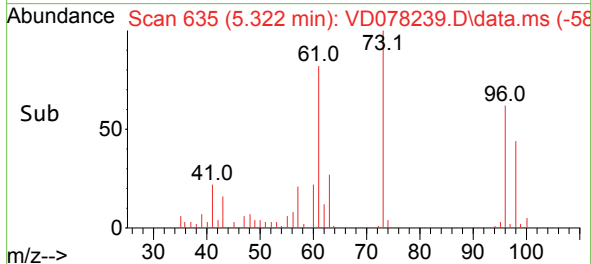
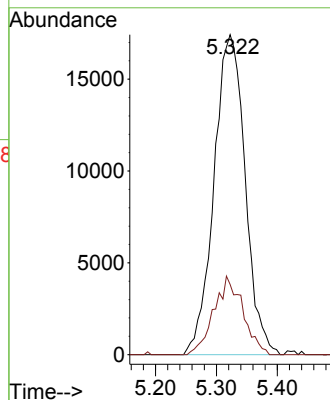
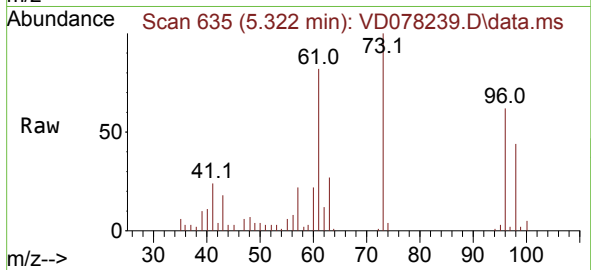




#19
Methyl tert-butyl Ether
Concen: 18.237 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

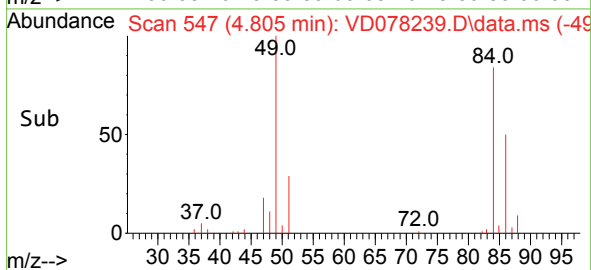
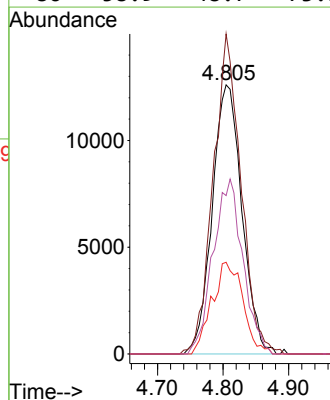
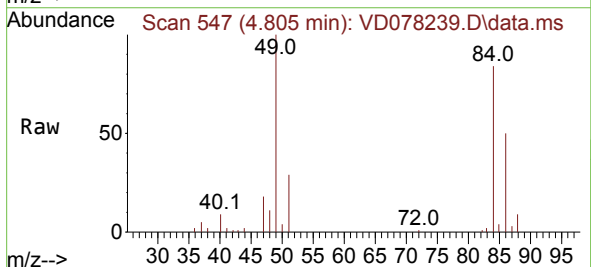
Instrument :
MSVOA_D
ClientSampleId :

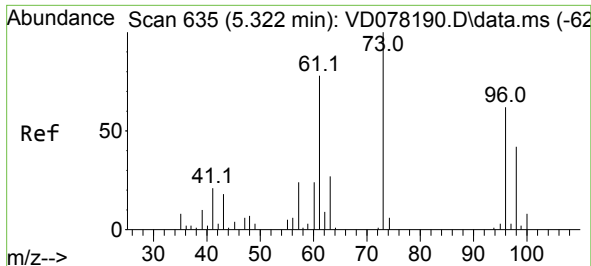
Tgt Ion: 73 Resp: 61883
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 19.058 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

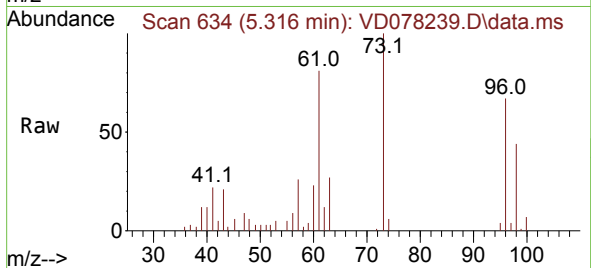
Tgt Ion: 84 Resp: 39667
Ion Ratio Lower Upper
84 100
49 118.9 71.4 107.2#
51 34.1 24.5 36.7
86 58.9 48.7 73.1



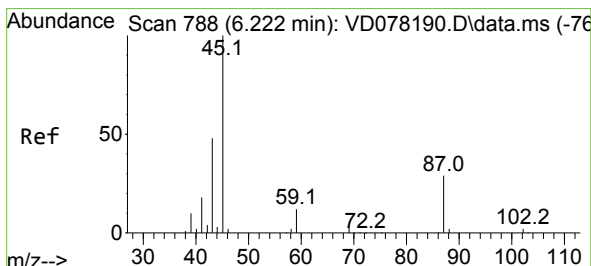
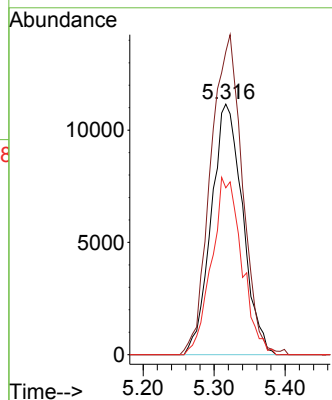
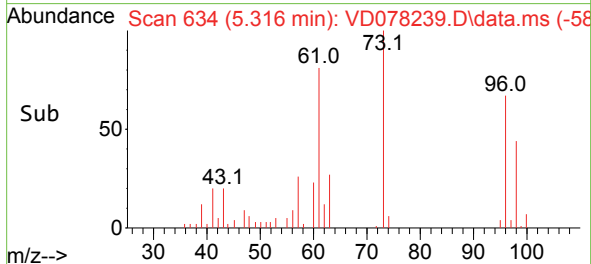


#21
trans-1,2-Dichloroethene
Concen: 18.227 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

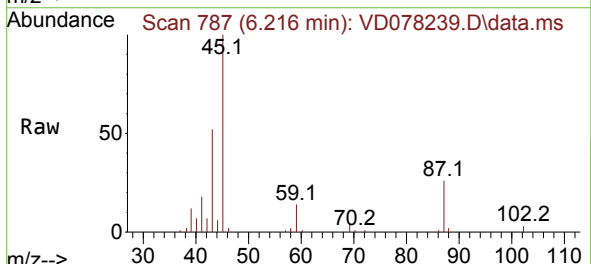
Instrument :
MSVOA_D
ClientSampleId :



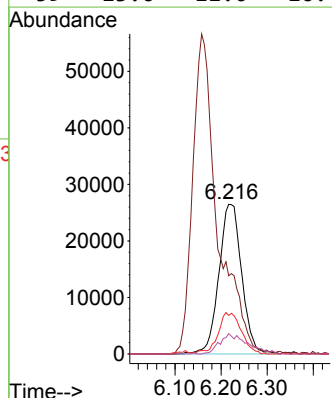
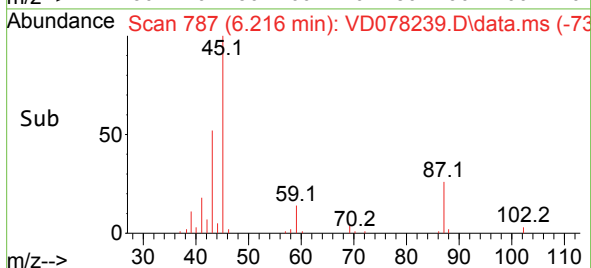
Tgt Ion: 96 Resp: 34273
Ion Ratio Lower Upper
96 100
61 120.9 89.3 133.9
98 66.6 48.6 73.0

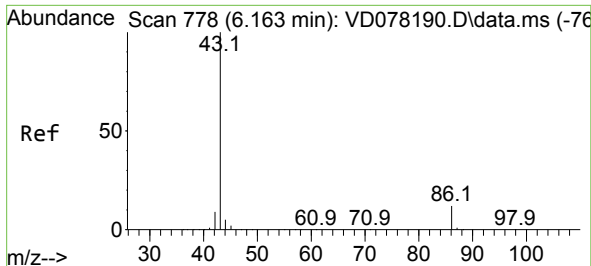


#22
Diisopropyl ether
Concen: 20.001 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59



Tgt Ion: 45 Resp: 90842
Ion Ratio Lower Upper
45 100
43 50.6 40.0 60.0
87 25.7 28.2 42.4#
59 13.6 11.0 16.4

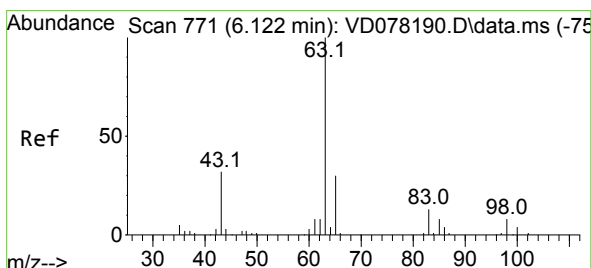
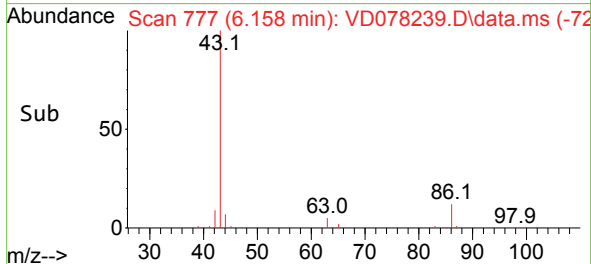
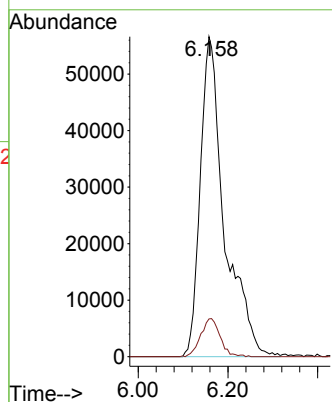
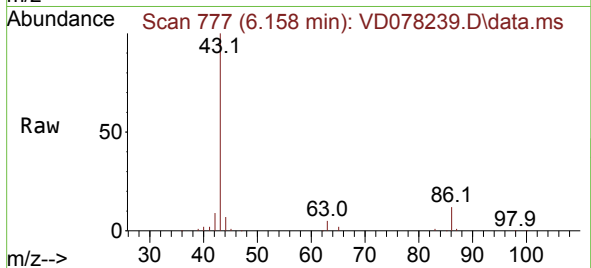




#23
 Vinyl Acetate
 Concen: 94.655 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59

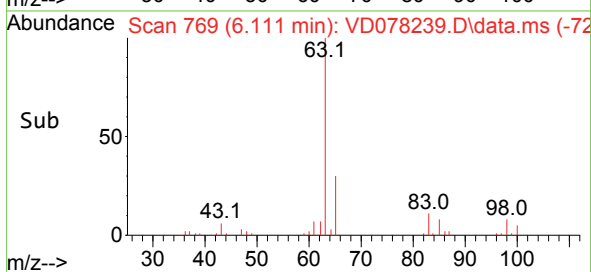
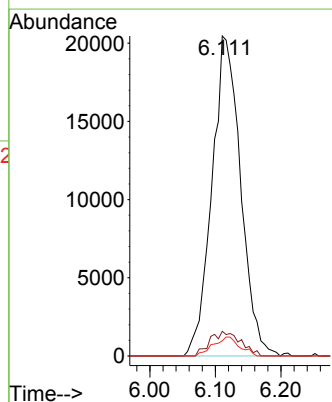
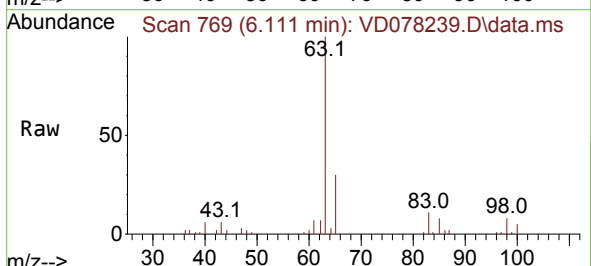
Instrument :
 MSVOA_D
 ClientSampleId :

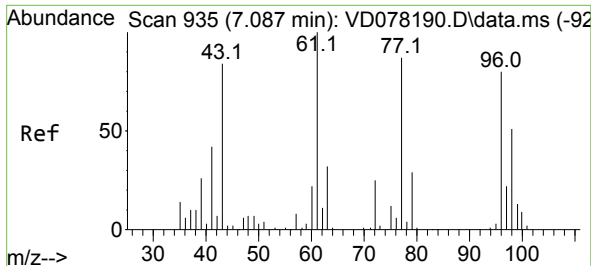
Tgt Ion: 43 Resp: 211807
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.790 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59

Tgt Ion: 63 Resp: 62107
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.8 2.5 7.5

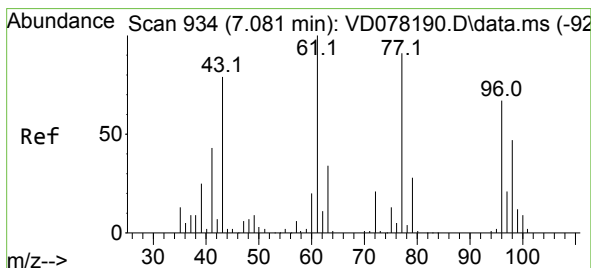
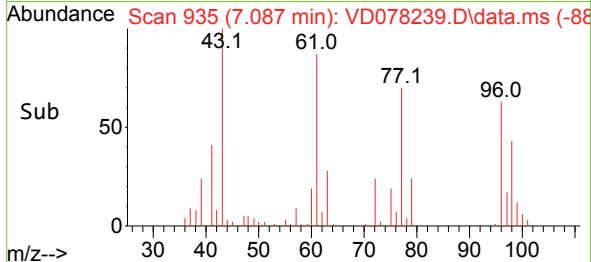
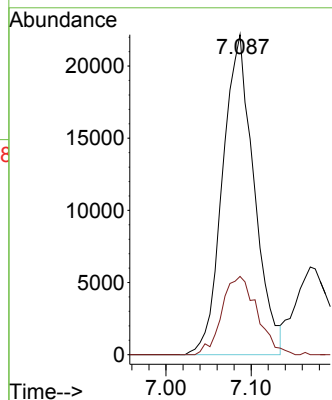
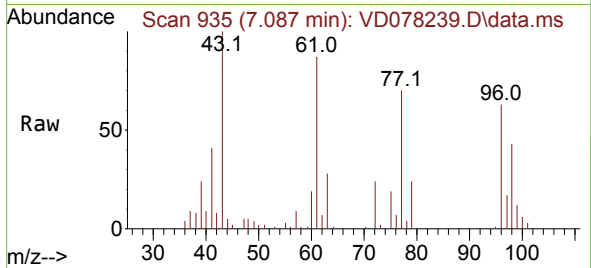




#25
2-Butanone
Concen: 114.503 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

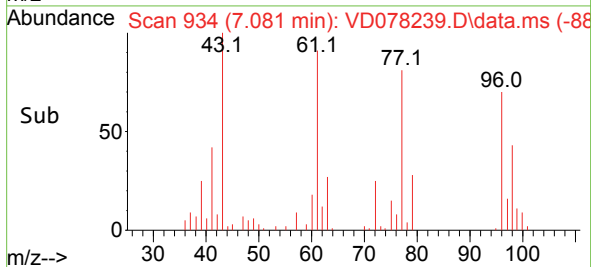
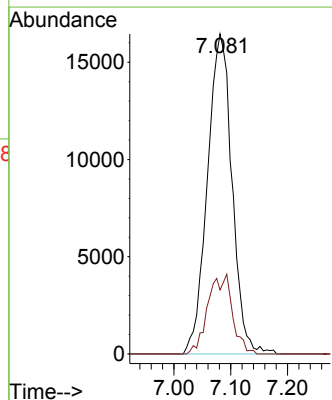
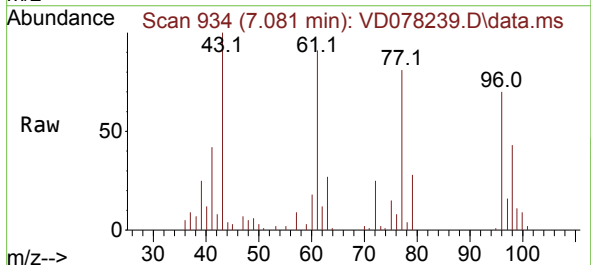
Instrument :
MSVOA_D
ClientSampleId :

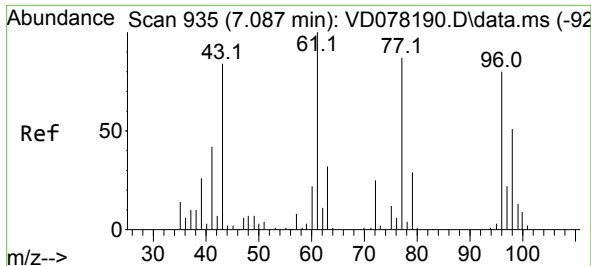
Tgt Ion: 43 Resp: 56791
Ion Ratio Lower Upper
43 100
72 24.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.861 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 77 Resp: 49585
Ion Ratio Lower Upper
77 100
97 13.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.231 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :

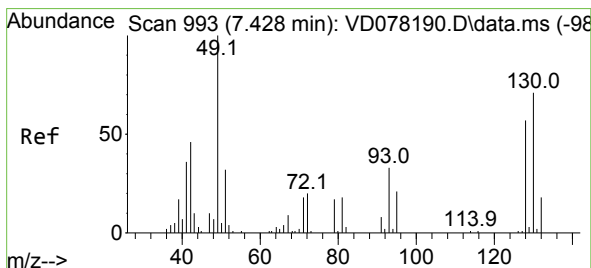
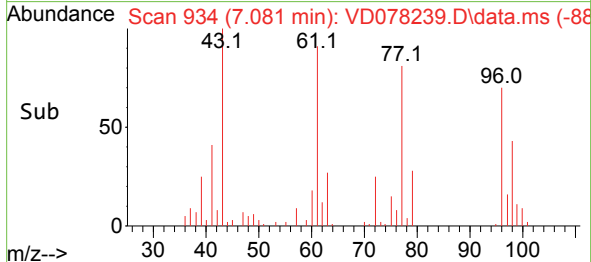
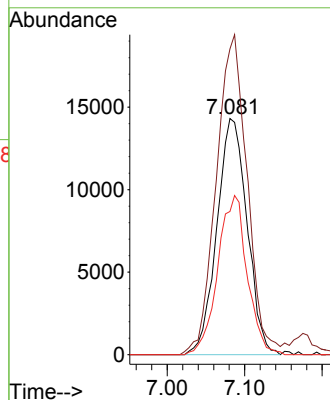
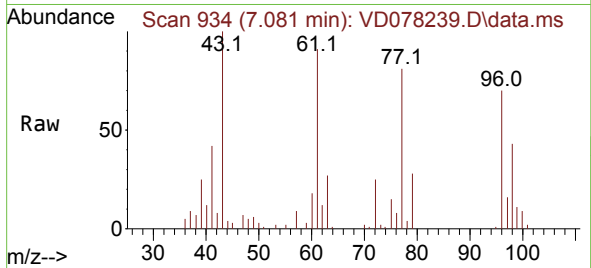
Tgt Ion: 96 Resp: 38844

Ion Ratio Lower Upper

96 100

61 138.1 0.0 239.2

98 65.6 0.0 128.6



#28

Bromochloromethane

Concen: 19.415 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

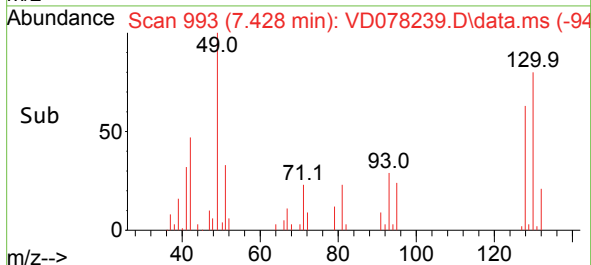
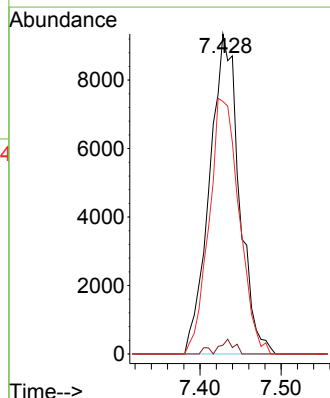
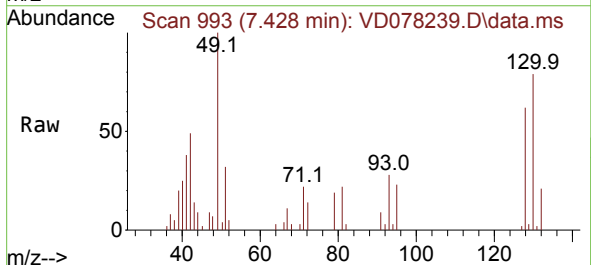
Tgt Ion: 49 Resp: 23764

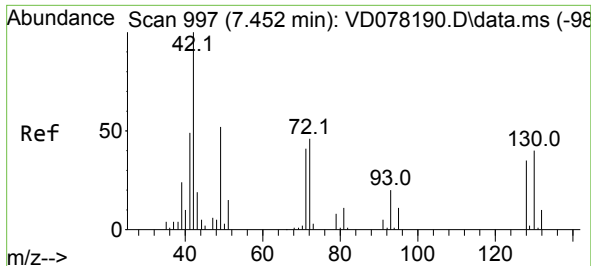
Ion Ratio Lower Upper

49 100

129 2.1 0.0 6.0

130 81.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 95.050 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

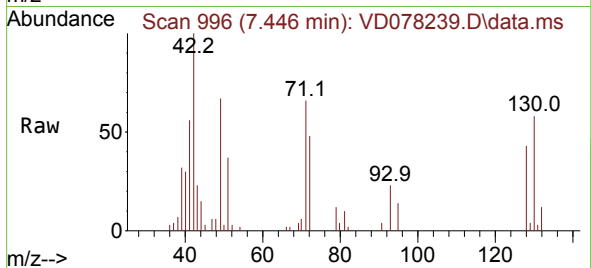
Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :



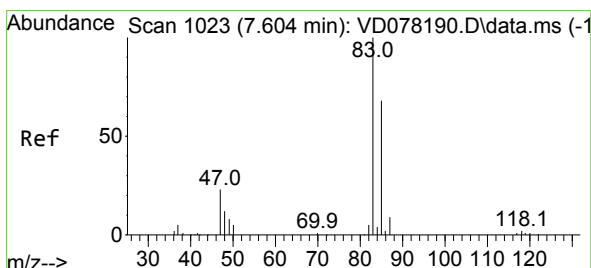
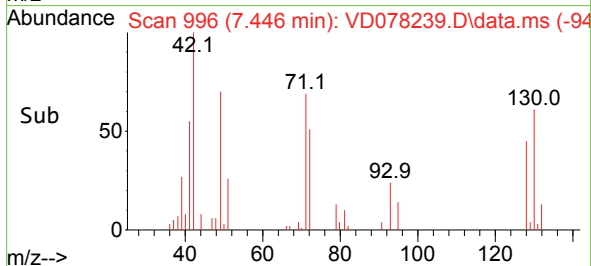
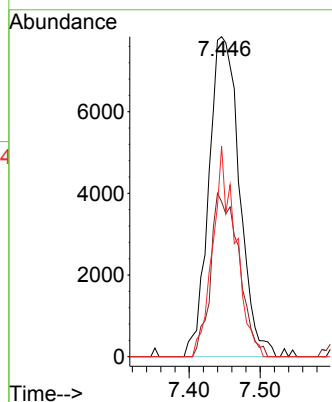
Tgt Ion: 42 Resp: 23538

Ion Ratio Lower Upper

42 100

72 47.1 46.5 69.7

71 49.1 44.5 66.7



#30

Chloroform

Concen: 19.966 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078239.D

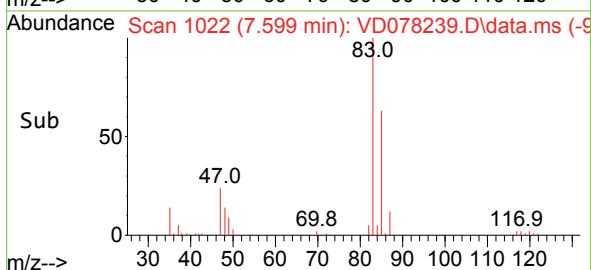
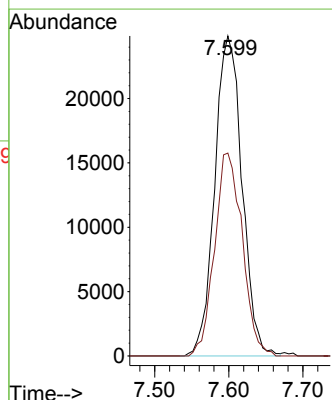
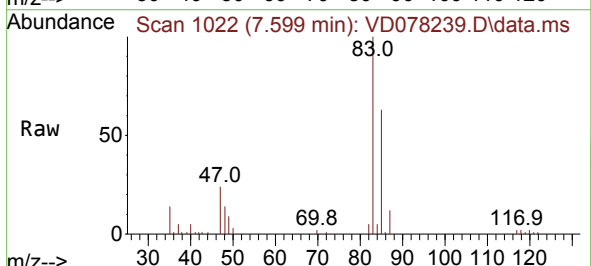
Acq: 25 Jan 2024 10:59

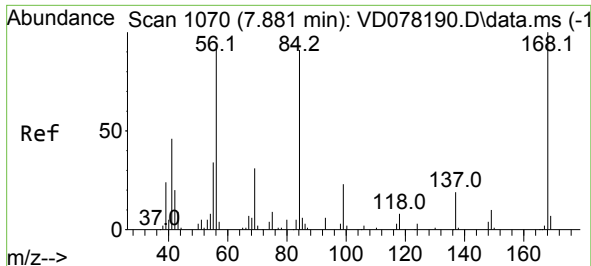
Tgt Ion: 83 Resp: 63723

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.2

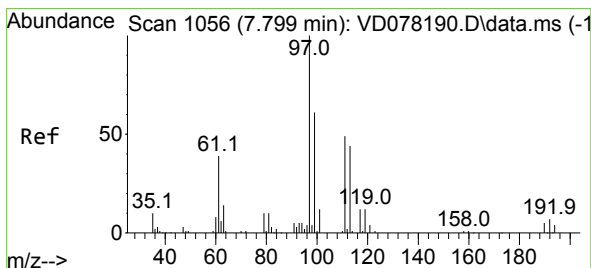
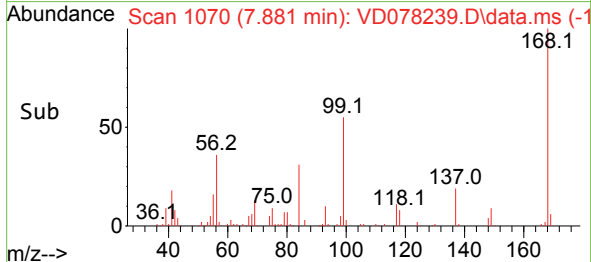
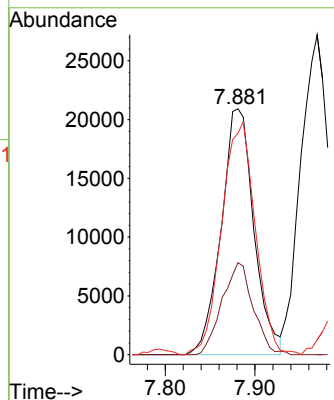
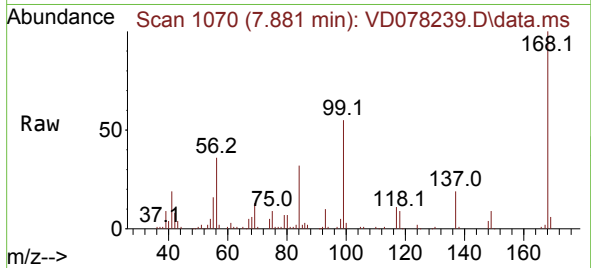




#31
Cyclohexane
Concen: 19.093 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

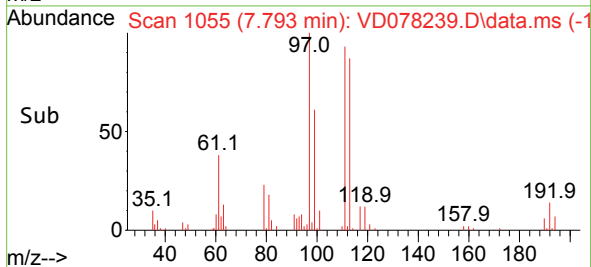
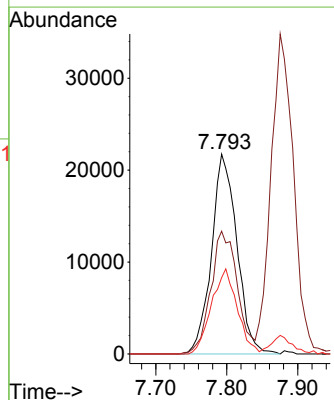
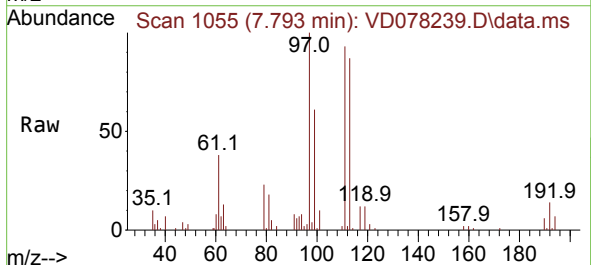
Instrument :
MSVOA_D
ClientSampleId :

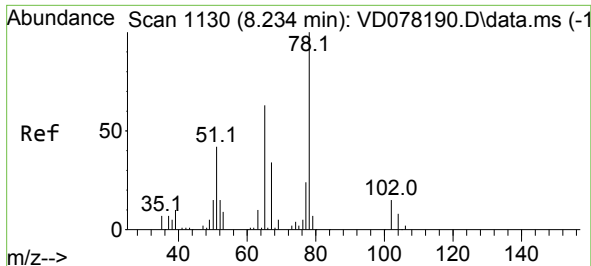
Tgt Ion: 56 Resp: 52990
Ion Ratio Lower Upper
56 100
69 37.4 28.6 43.0
84 90.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.556 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 97 Resp: 53916
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 43.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.132 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

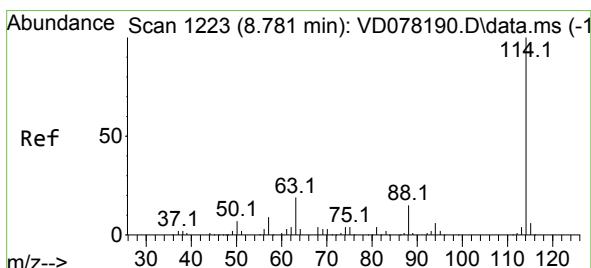
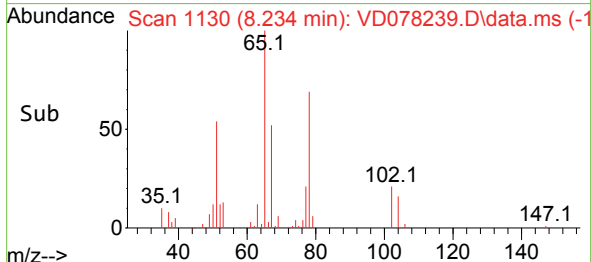
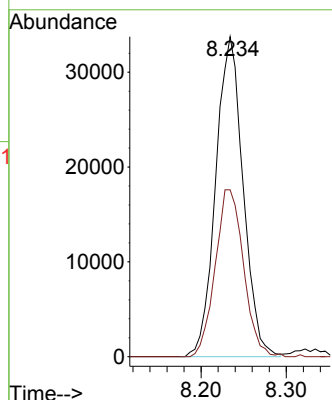
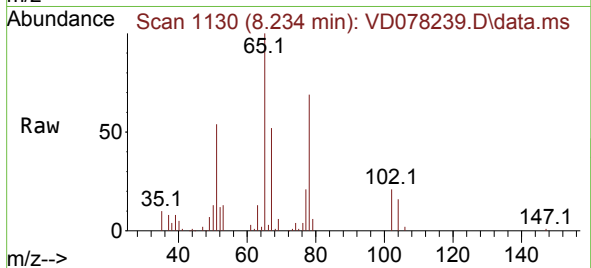
ClientSampleId :

Tgt Ion: 65 Resp: 75251

Ion Ratio Lower Upper

65 100

67 54.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

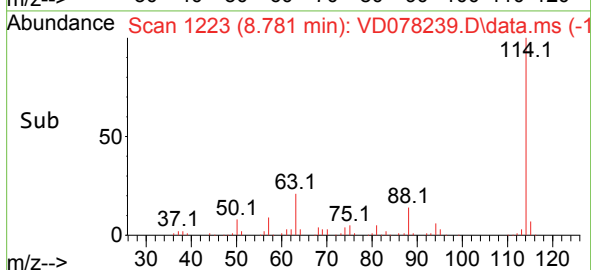
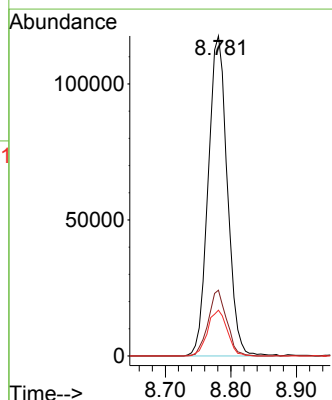
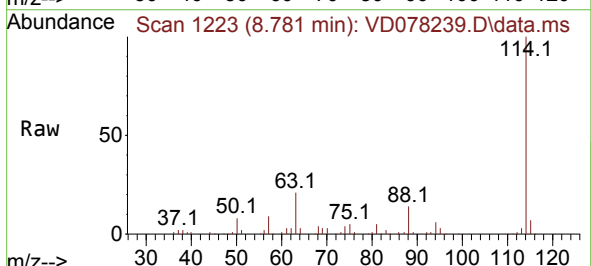
Tgt Ion: 114 Resp: 238708

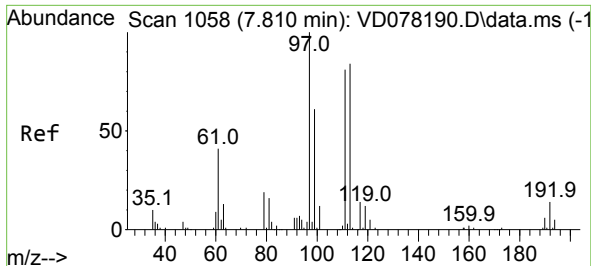
Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 14.3 0.0 26.2

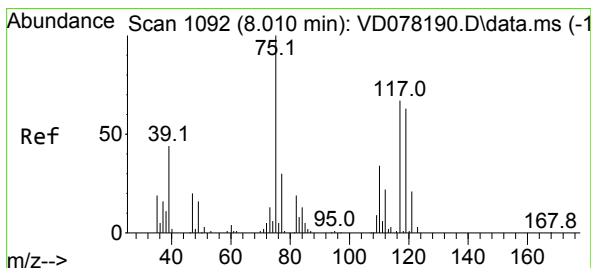
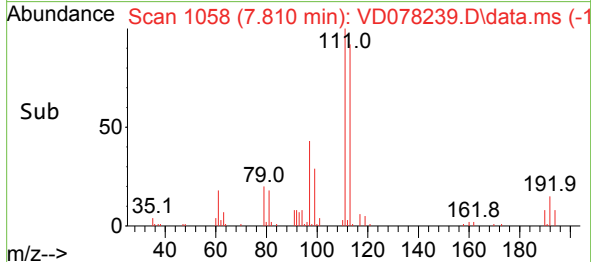
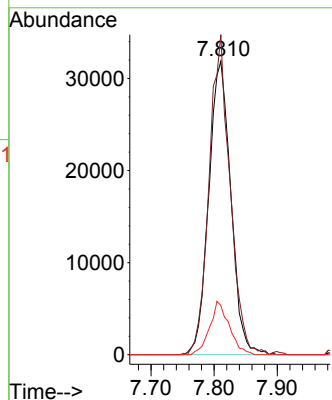
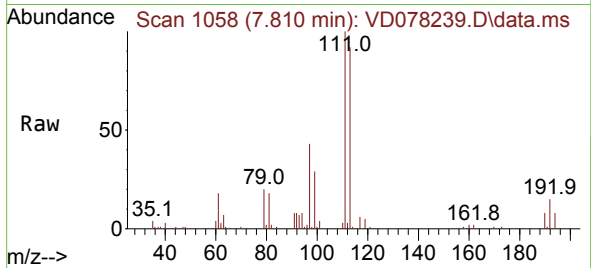




#35
Dibromofluoromethane
Concen: 49.366 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

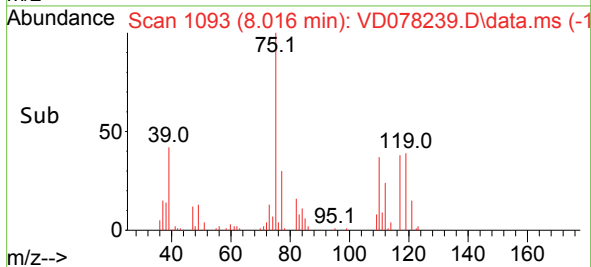
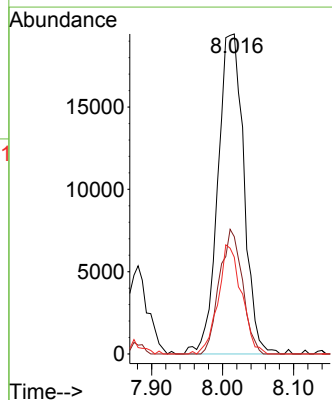
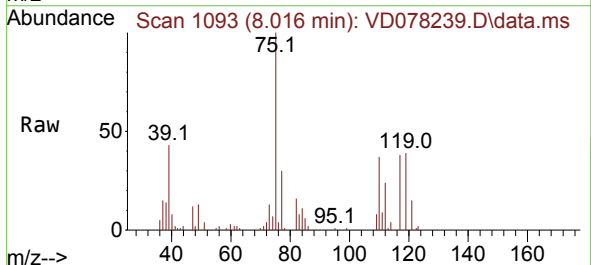
Instrument :
MSVOA_D
ClientSampleId :

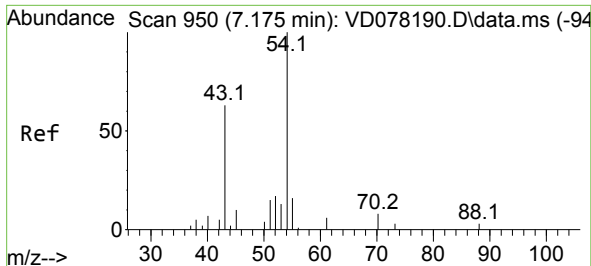
Tgt Ion:113 Resp: 77555
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 16.1 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 19.052 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 75 Resp: 49220
Ion Ratio Lower Upper
75 100
110 34.6 19.9 59.6
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 15.385 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

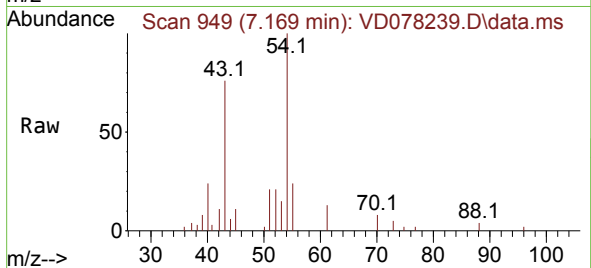
Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :



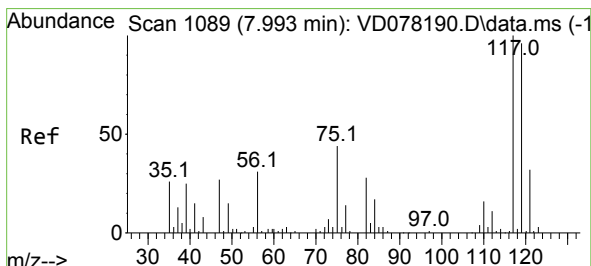
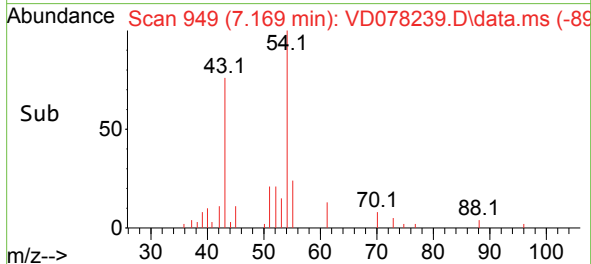
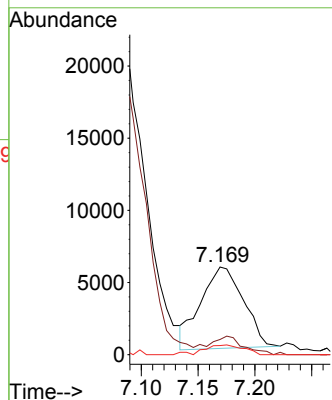
Tgt Ion: 43 Resp: 14797

Ion Ratio Lower Upper

43 100

61 15.6 14.9 22.3

70 11.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.030 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

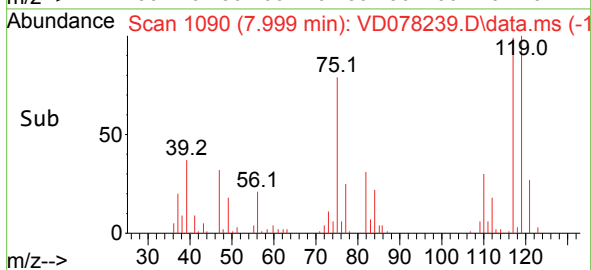
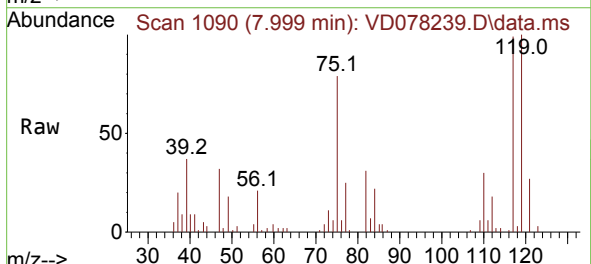
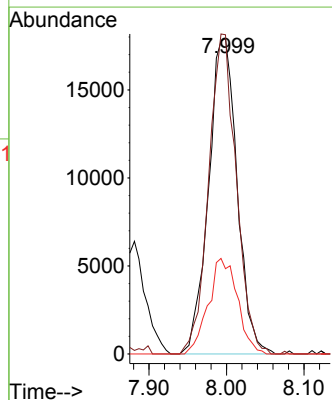
Tgt Ion: 117 Resp: 46003

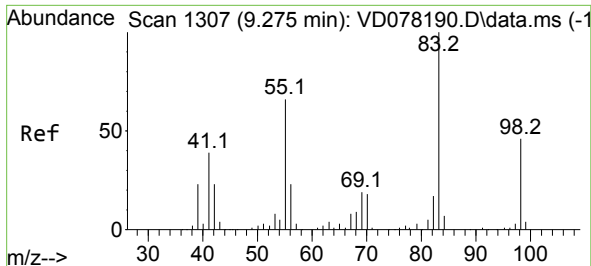
Ion Ratio Lower Upper

117 100

119 101.2 78.0 117.0

121 27.0 24.2 36.2

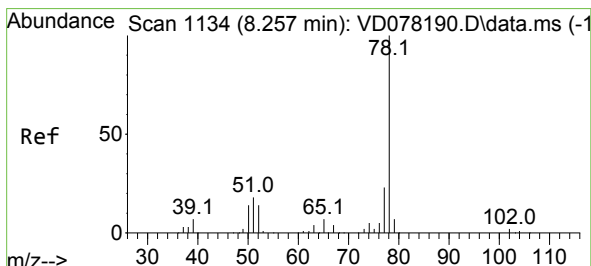
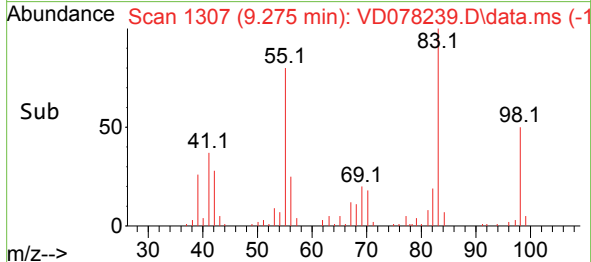
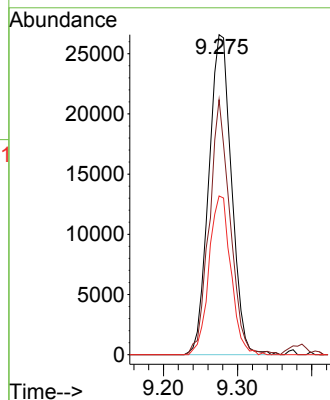
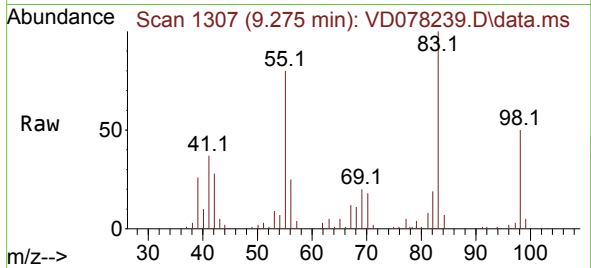




#39
Methylcyclohexane
Concen: 18.513 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

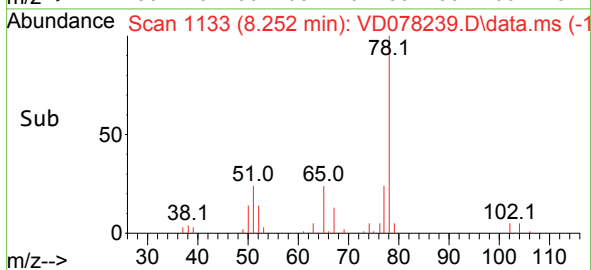
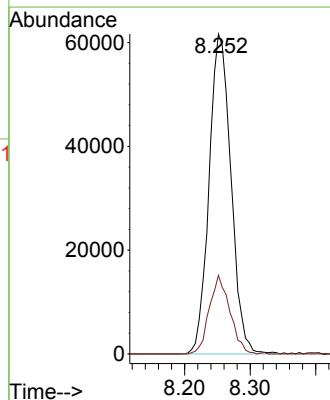
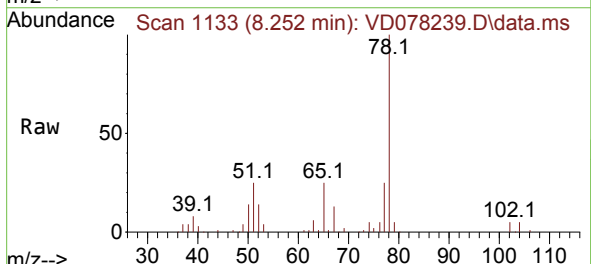
Instrument :
MSVOA_D
ClientSampleId :

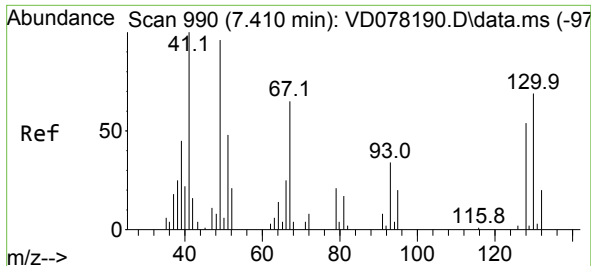
Tgt Ion: 83 Resp: 56563
Ion Ratio Lower Upper
83 100
55 79.7 49.4 74.0#
98 49.6 38.4 57.6



#40
Benzene
Concen: 19.473 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 78 Resp: 142761
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

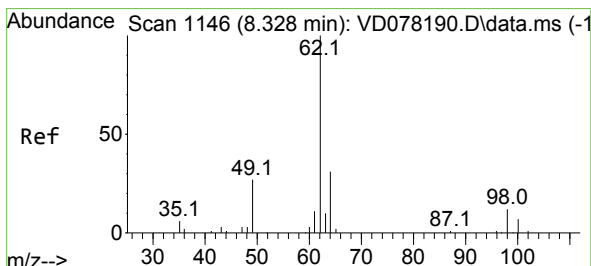
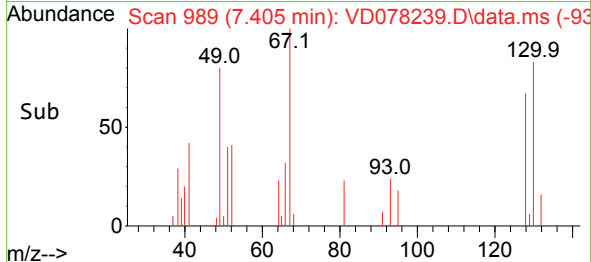
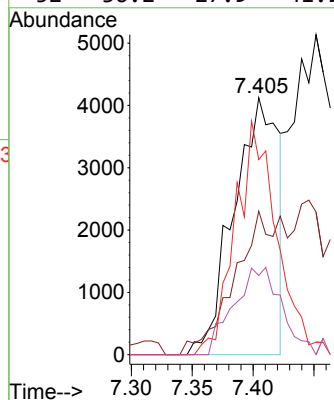
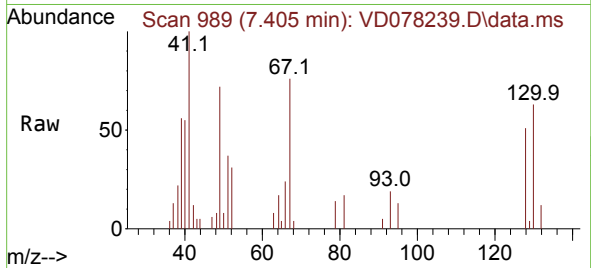




#41
Methacrylonitrile
Concen: 19.886 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

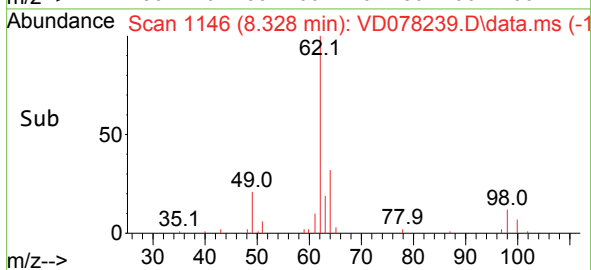
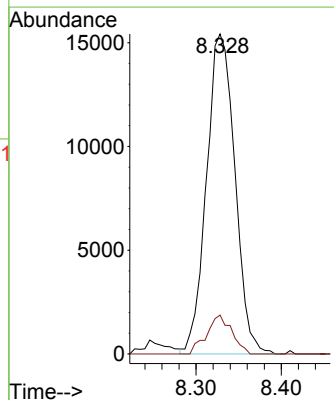
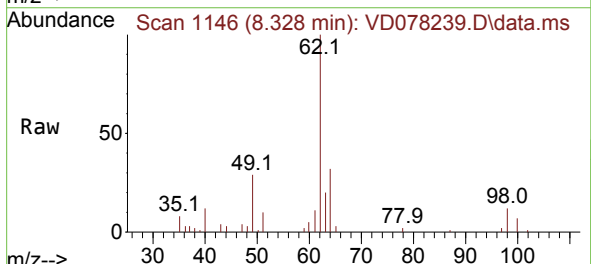
Instrument :
MSVOA_D
ClientSampleId :

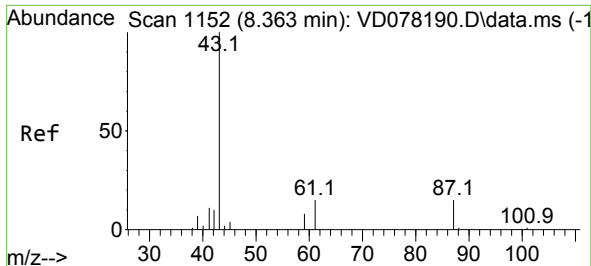
Tgt Ion: 41 Resp: 10502
Ion Ratio Lower Upper
41 100
39 47.8 34.0 51.0
67 84.6 77.0 115.4
52 36.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 18.737 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 62 Resp: 35741
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





#43

Isopropyl Acetate

Concen: 17.504 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078239.D

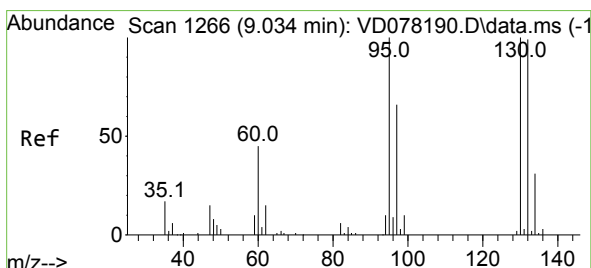
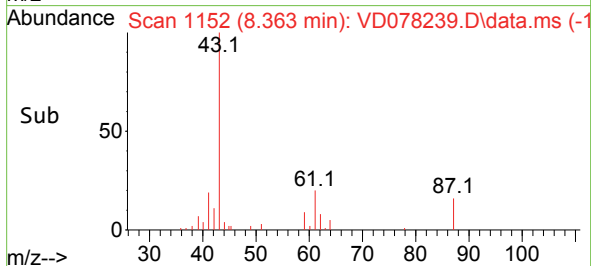
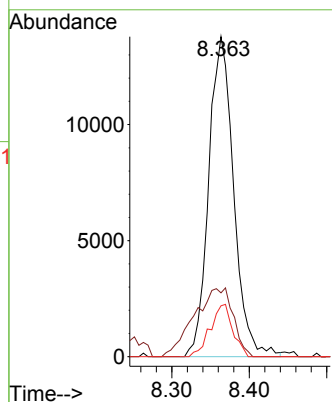
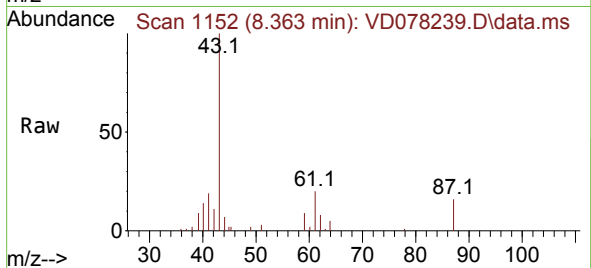
Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 30843
Ion Ratio	Lower Upper
43	100
61	33.5 31.4 47.0
87	14.7 14.9 22.3



#44

Trichloroethene

Concen: 18.276 ug/l

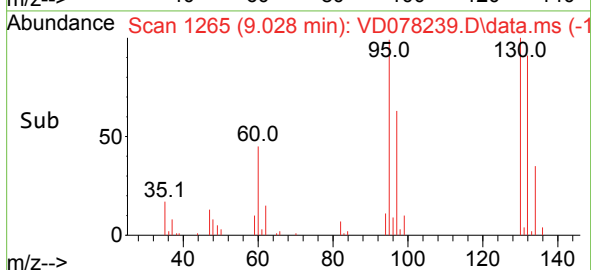
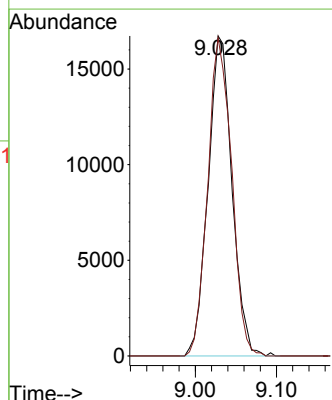
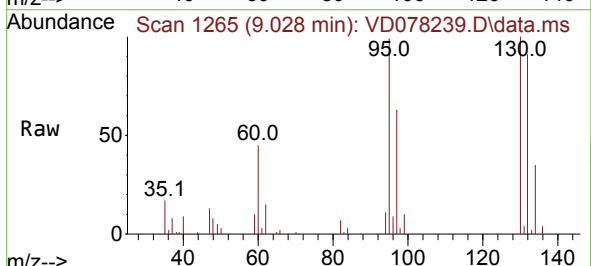
RT: 9.028 min Scan# 1265

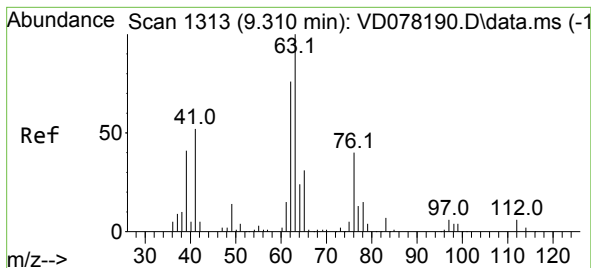
Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Tgt Ion: 130	Resp: 34279
Ion Ratio	Lower Upper
130	100
95	99.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.840 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

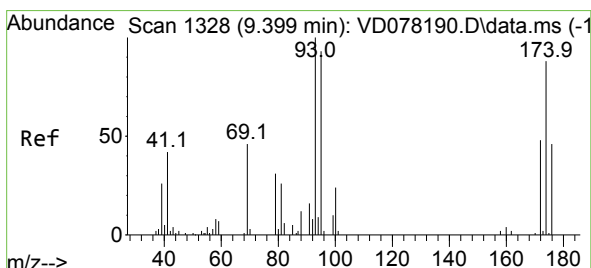
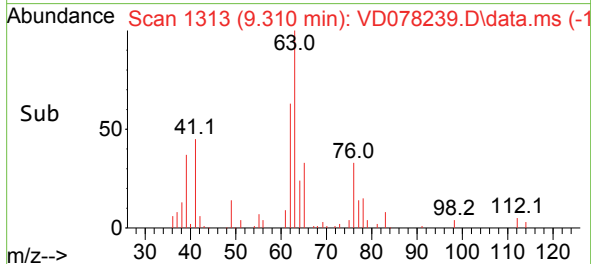
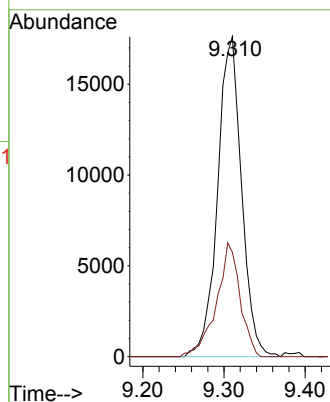
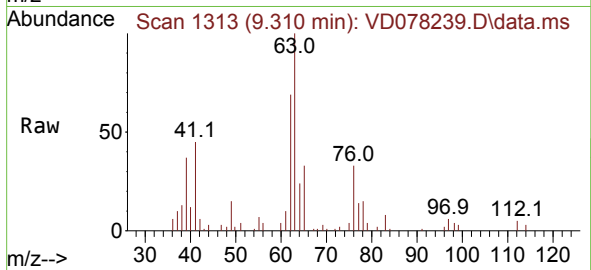
ClientSampleId :

Tgt Ion: 63 Resp: 36094

Ion Ratio Lower Upper

63 100

65 32.7 24.5 36.7



#46

Dibromomethane

Concen: 18.897 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

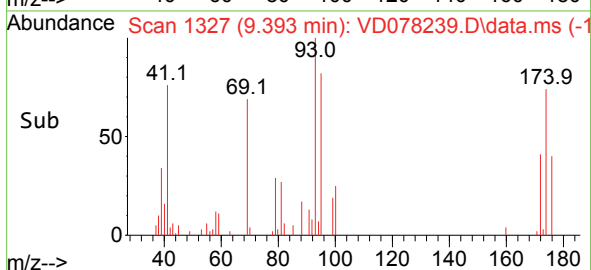
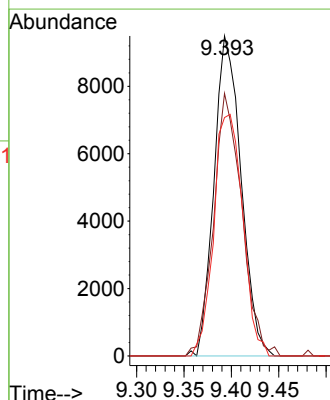
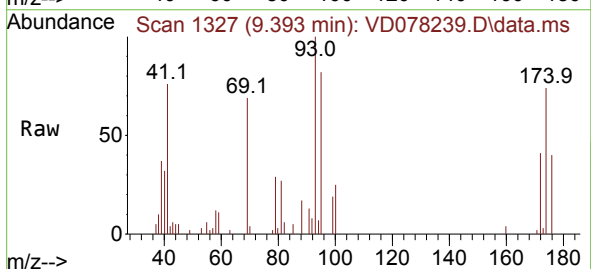
Tgt Ion: 93 Resp: 18879

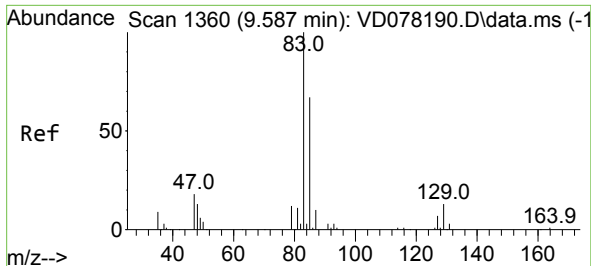
Ion Ratio Lower Upper

93 100

95 85.4 67.7 101.5

174 80.9 85.4 128.2#

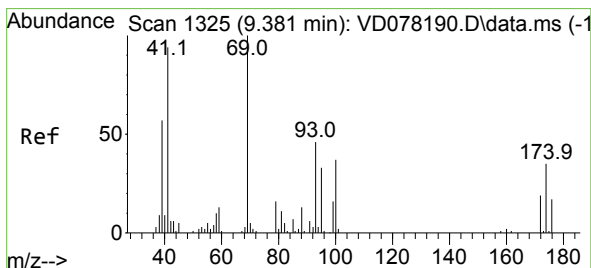
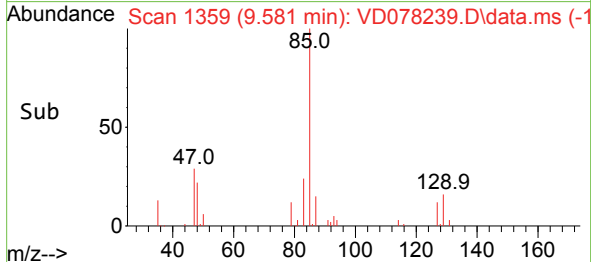
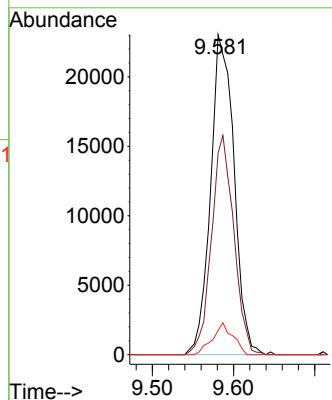
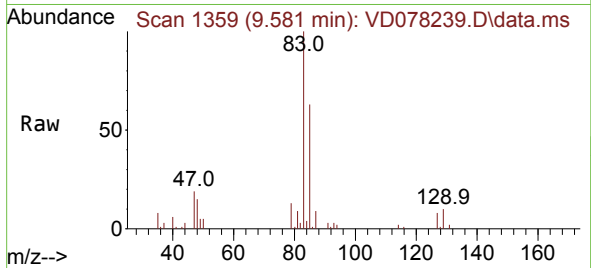




#47
Bromodichloromethane
Concen: 18.454 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

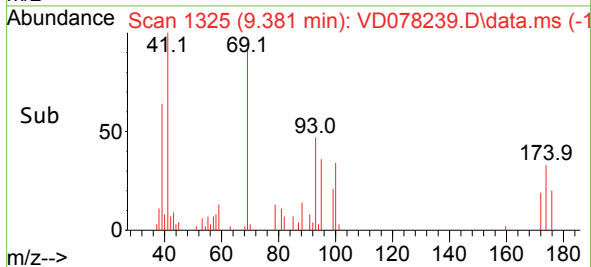
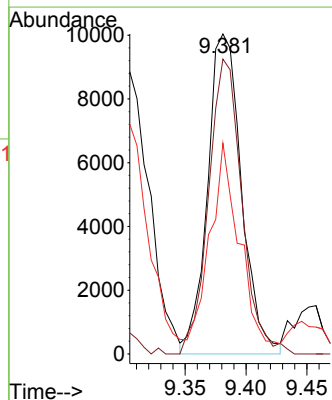
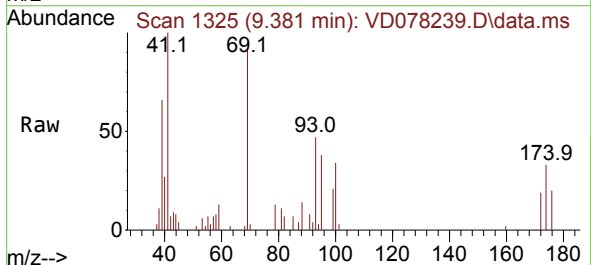
Instrument :
MSVOA_D
ClientSampleId :

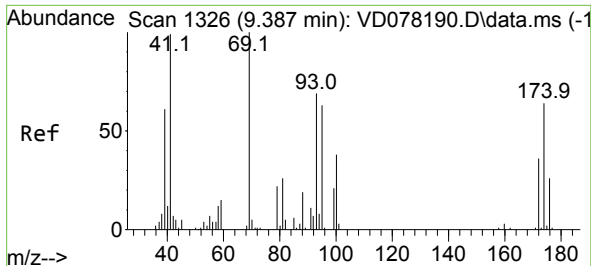
Tgt Ion: 83 Resp: 46313
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.4
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 19.065 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

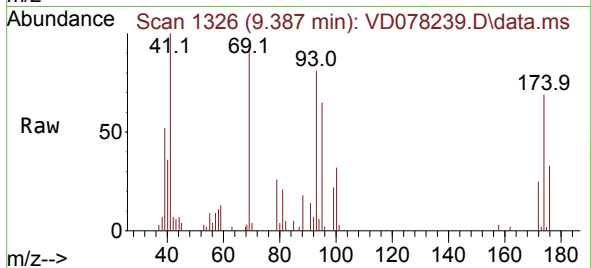
Tgt Ion: 41 Resp: 19449
Ion Ratio Lower Upper
41 100
69 90.1 102.2 153.2#
39 59.0 41.4 62.2



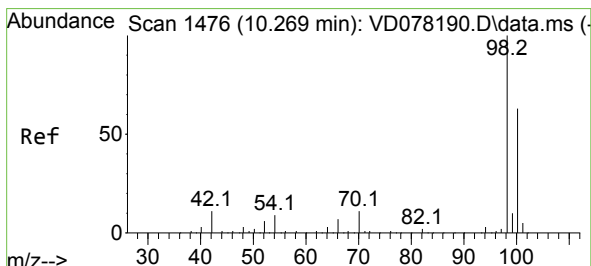
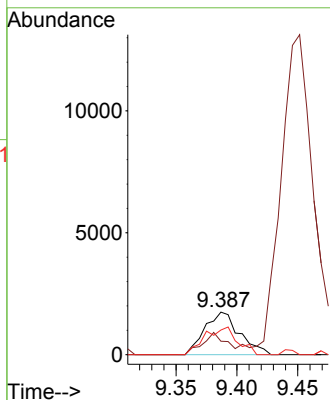
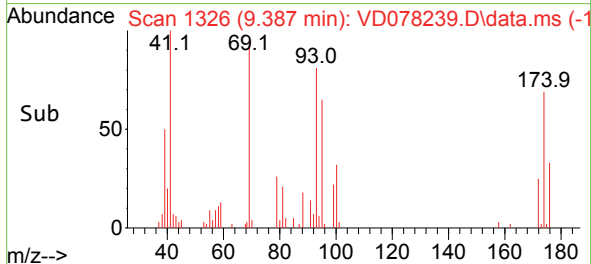


#49
1,4-Dioxane
Concen: 359.884 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Instrument :
MSVOA_D
ClientSampleId :

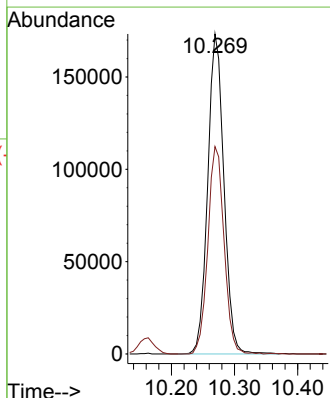
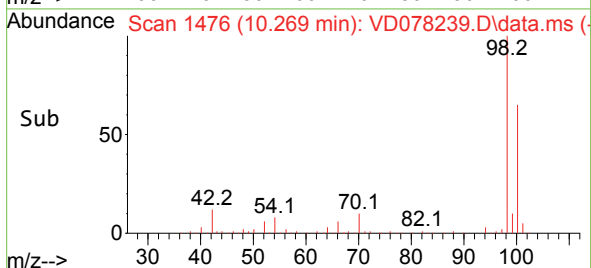
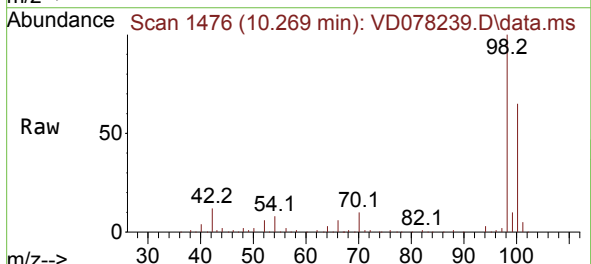


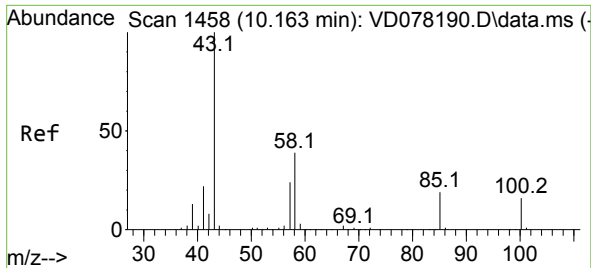
Tgt Ion: 88 Resp: 3479
Ion Ratio Lower Upper
88 100
43 42.2 19.0 28.6#
58 60.7 43.5 65.3



#50
Toluene-d8
Concen: 49.609 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 98 Resp: 308601
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

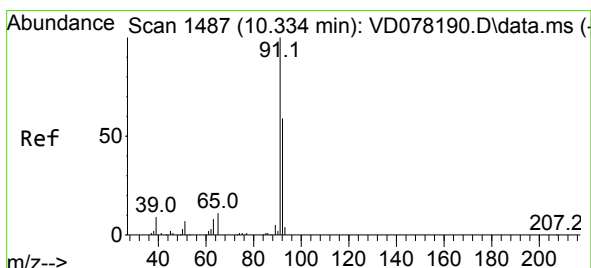
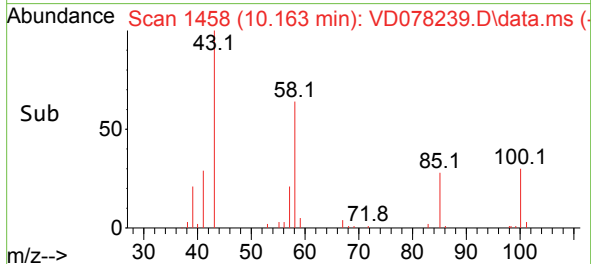
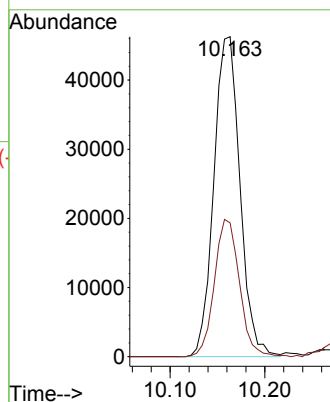
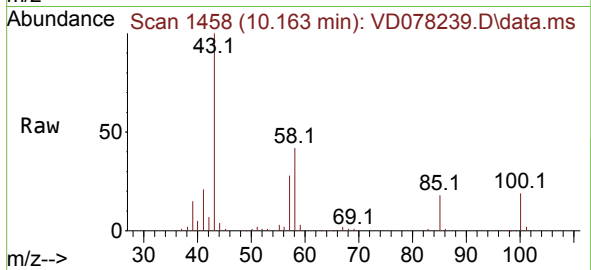




#51
4-Methyl-2-Pentanone
Concen: 95.698 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

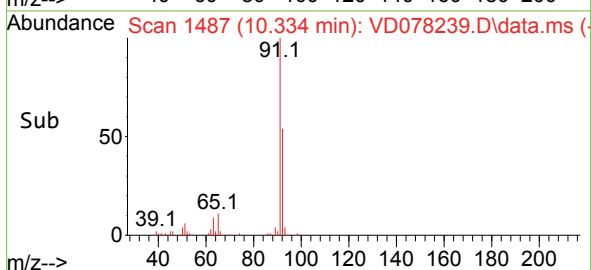
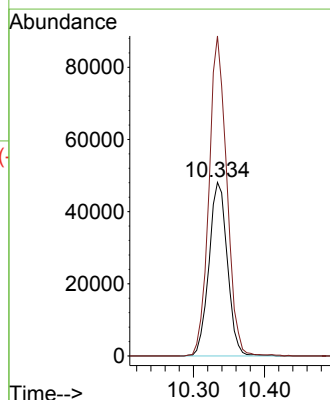
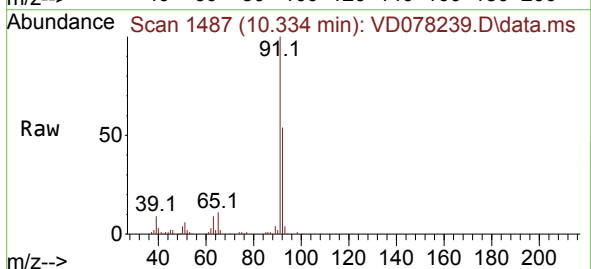
Instrument :
MSVOA_D
ClientSampleId :

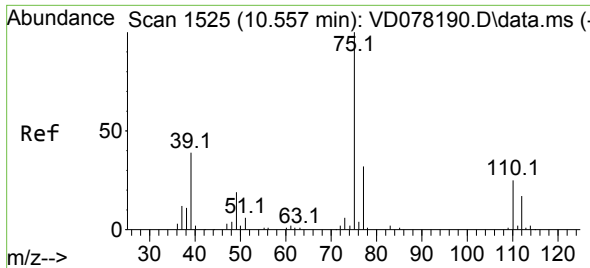
Tgt Ion: 43 Resp: 88608
Ion Ratio Lower Upper
43 100
58 41.2 38.9 58.3



#52
Toluene
Concen: 18.610 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 92 Resp: 86480
Ion Ratio Lower Upper
92 100
91 178.6 143.0 214.4

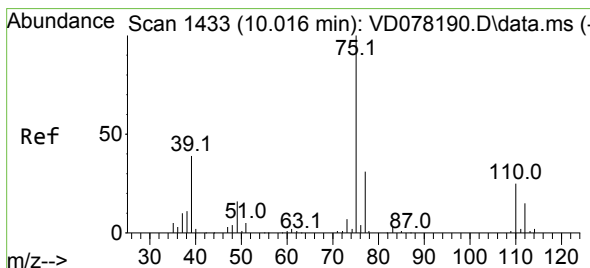
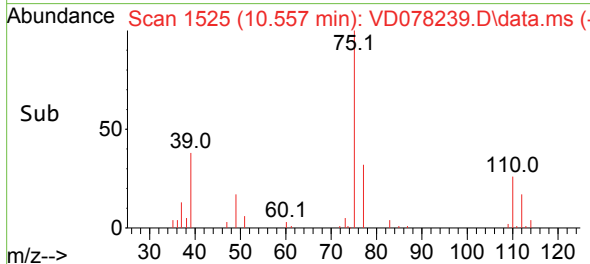
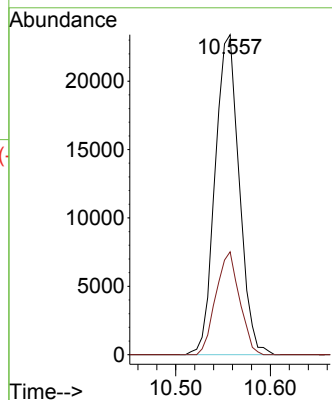
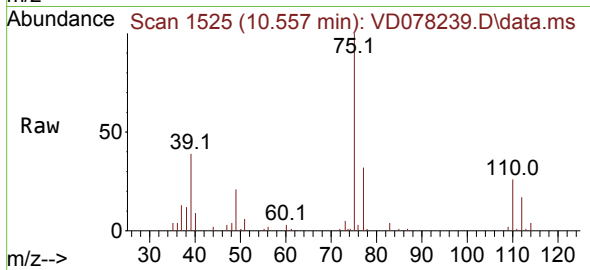




#53
 t-1,3-Dichloropropene
 Concen: 17.870 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59

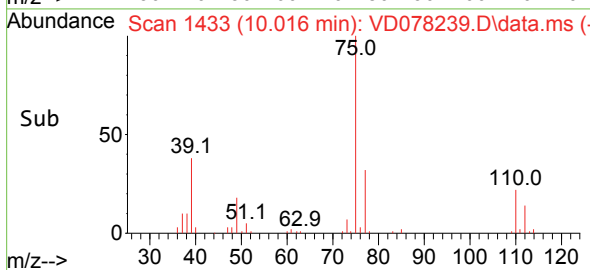
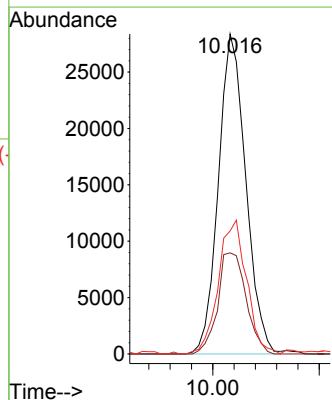
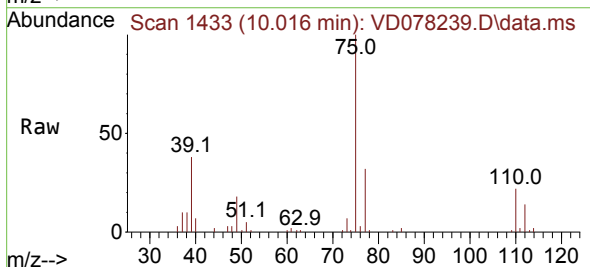
Instrument :
 MSVOA_D
 ClientSampleId :

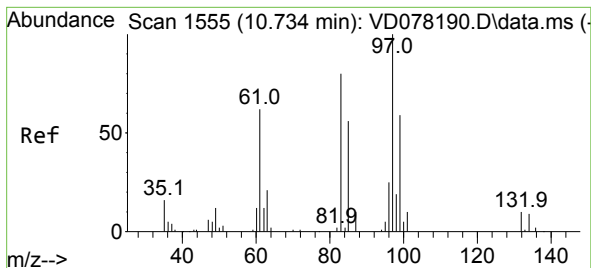
Tgt Ion: 75 Resp: 41375
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.254 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59

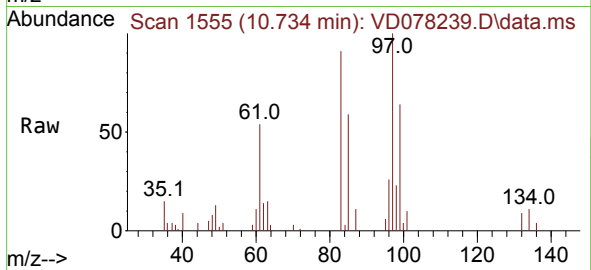
Tgt Ion: 75 Resp: 50665
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 38.4 22.1 33.1#



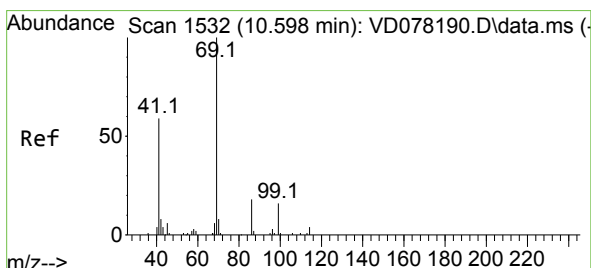
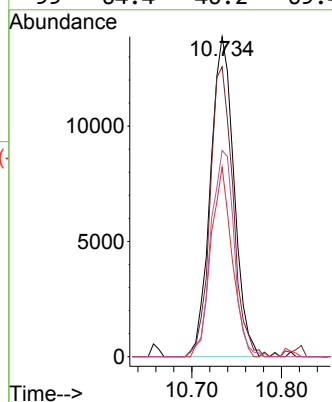
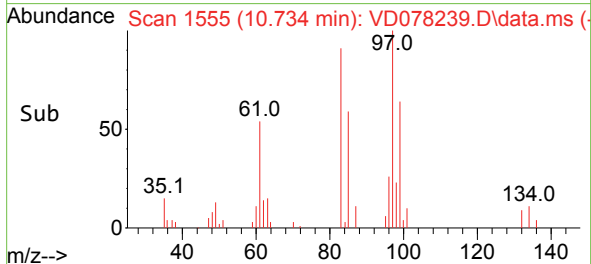


#55
1,1,2-Trichloroethane
Concen: 18.996 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

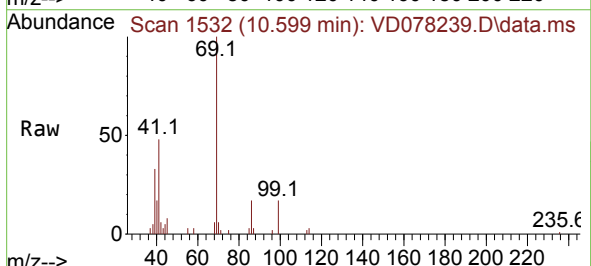
Instrument :
MSVOA_D
ClientSampleId :



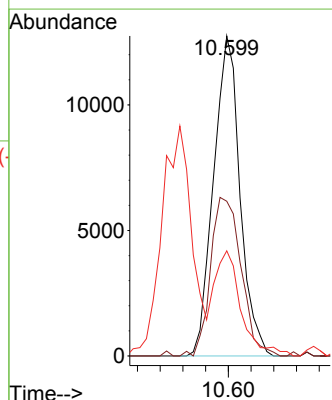
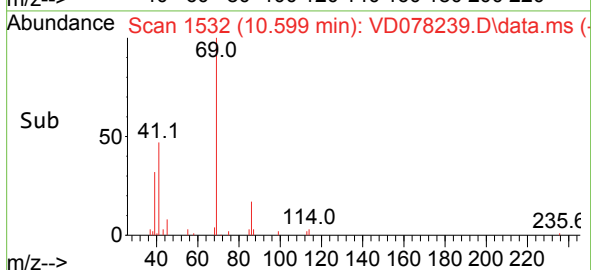
Tgt Ion:	97	Resp:	25395
Ion	Ratio	Lower	Upper
97	100		
83	90.6	65.8	98.6
85	59.2	45.7	68.5
99	64.4	46.2	69.4

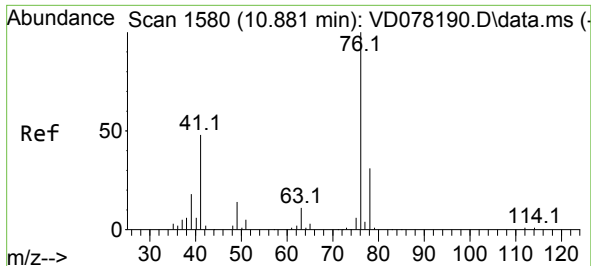


#56
Ethyl methacrylate
Concen: 18.818 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59



Tgt Ion:	69	Resp:	20593
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.1	58.7
39	33.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 18.590 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

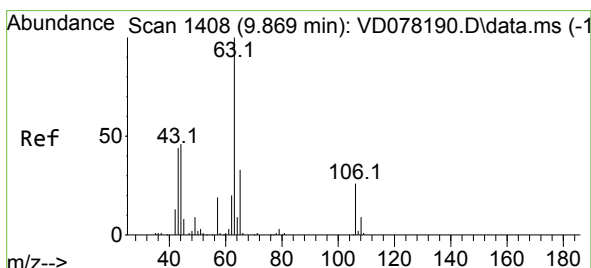
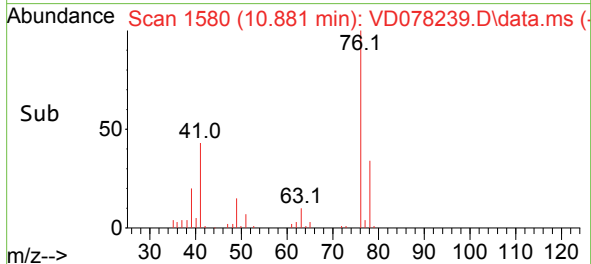
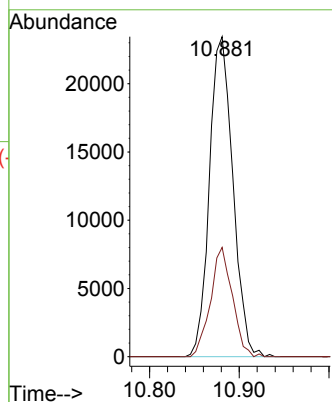
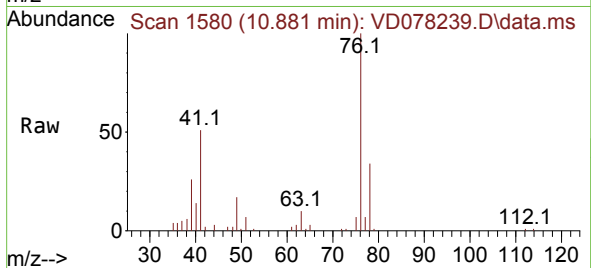
ClientSampleId :

Tgt Ion: 76 Resp: 42501

Ion Ratio Lower Upper

76 100

78 31.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.058 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078239.D

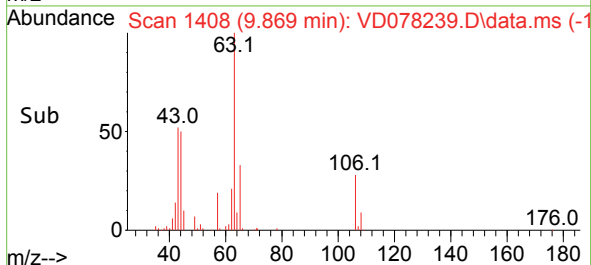
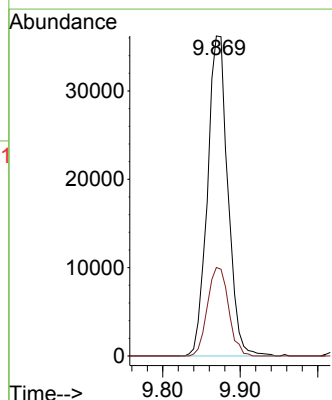
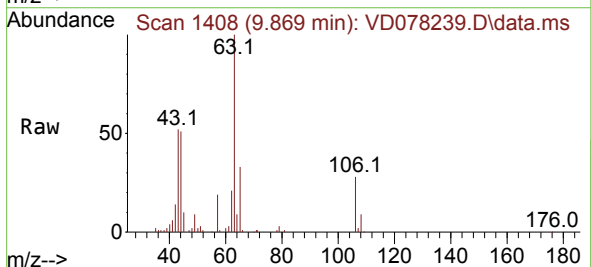
Acq: 25 Jan 2024 10:59

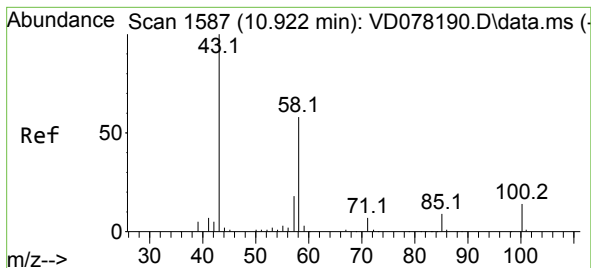
Tgt Ion: 63 Resp: 66274

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9





#59

2-Hexanone

Concen: 106.025 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

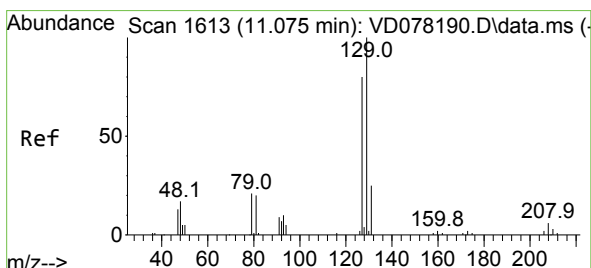
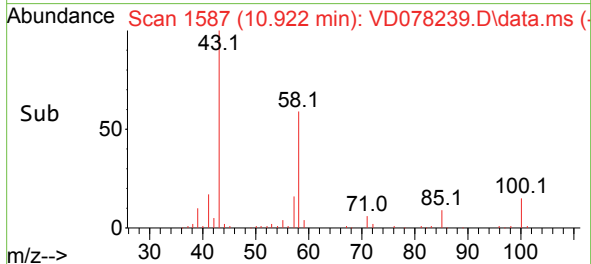
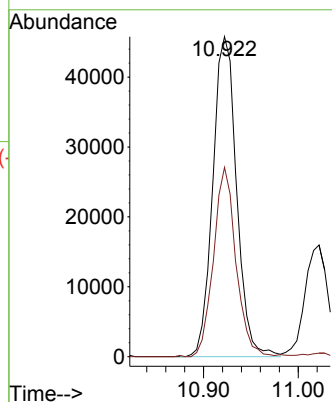
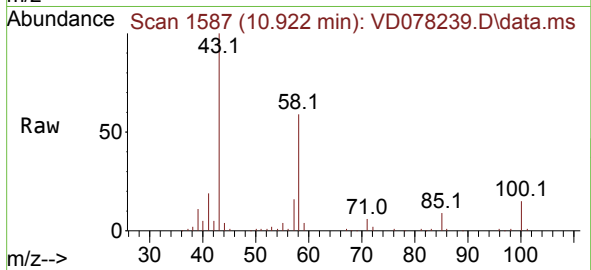
ClientSampleId :

Tgt Ion: 43 Resp: 79775

Ion Ratio Lower Upper

43 100

58 55.8 34.1 102.2



#60

Dibromochloromethane

Concen: 18.349 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078239.D

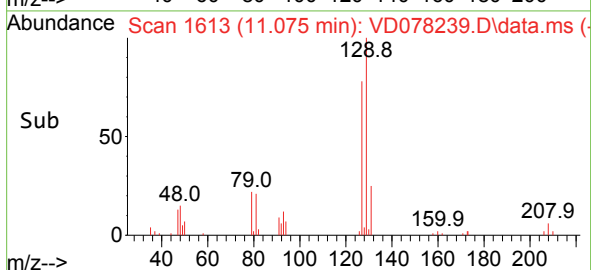
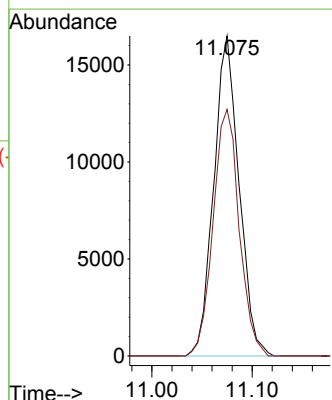
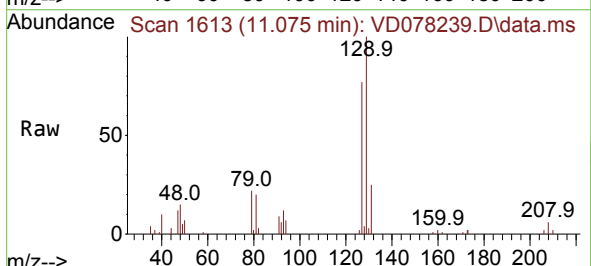
Acq: 25 Jan 2024 10:59

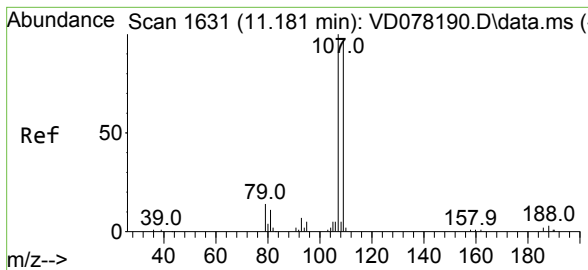
Tgt Ion:129 Resp: 28920

Ion Ratio Lower Upper

129 100

127 79.4 37.1 111.5

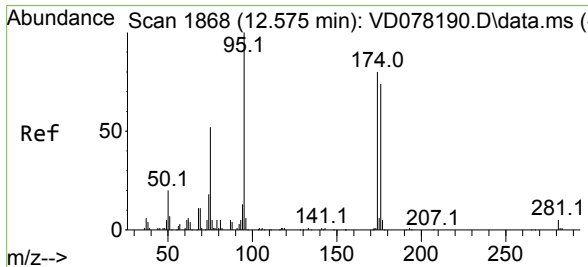
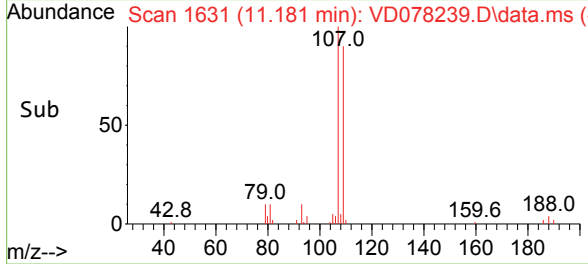
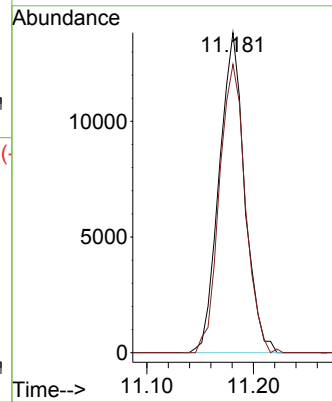
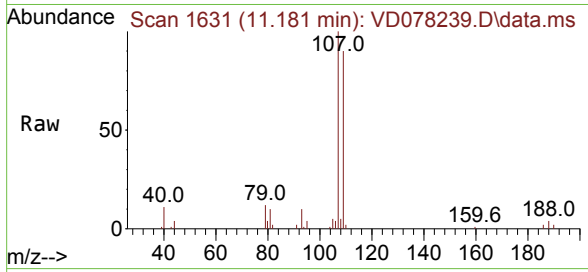




#61
1,2-Dibromoethane
Concen: 18.582 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

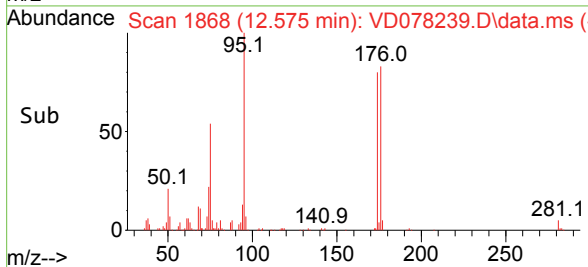
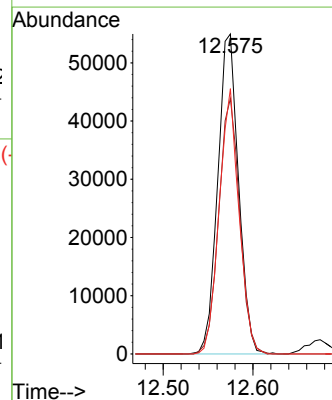
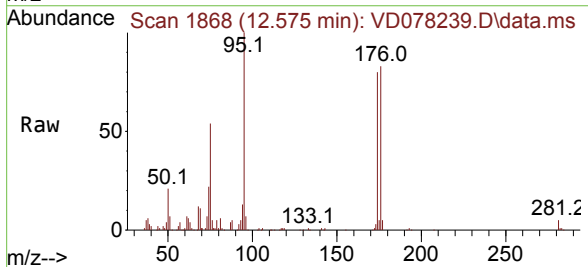
Instrument :
MSVOA_D
ClientSampleId :

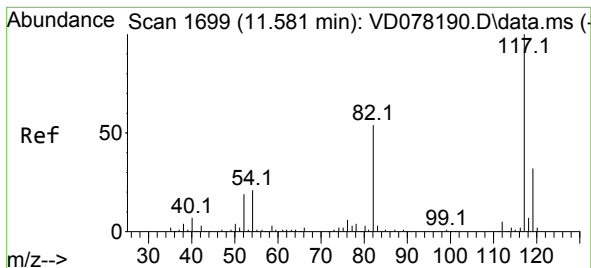
Tgt Ion:107 Resp: 22898
Ion Ratio Lower Upper
107 100
109 92.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.027 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 95 Resp: 88445
Ion Ratio Lower Upper
95 100
174 80.3 0.0 201.8
176 78.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :

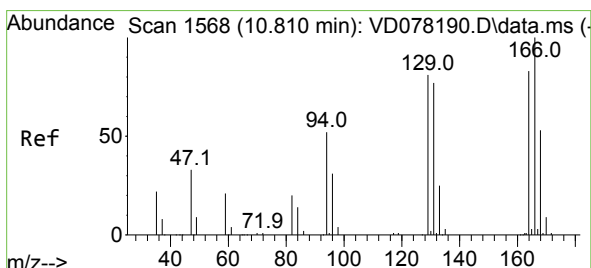
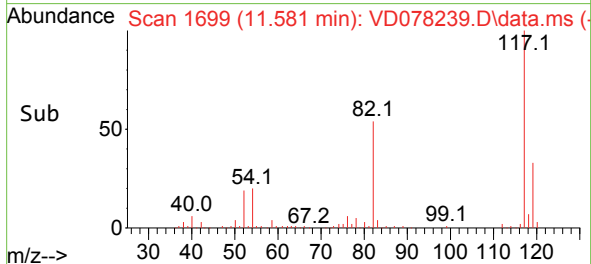
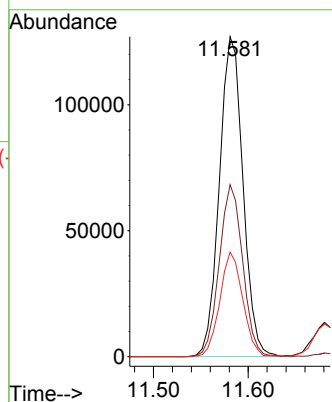
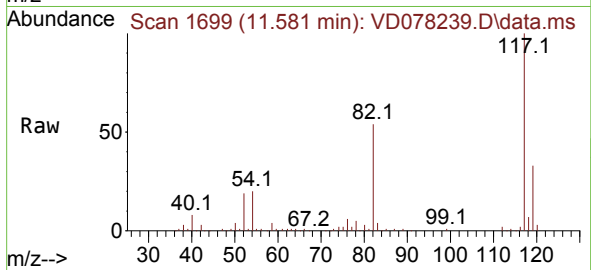
Tgt Ion:117 Resp: 219964

Ion Ratio Lower Upper

117 100

82 53.7 38.3 57.5

119 32.7 25.0 37.4



#64

Tetrachloroethene

Concen: 18.513 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Tgt Ion:164 Resp: 26626

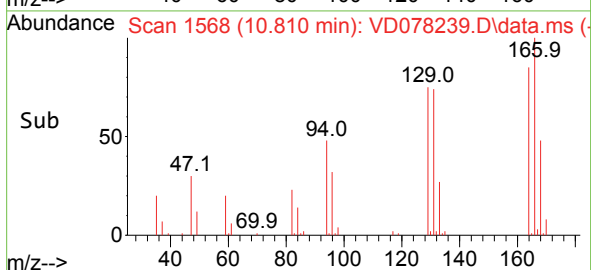
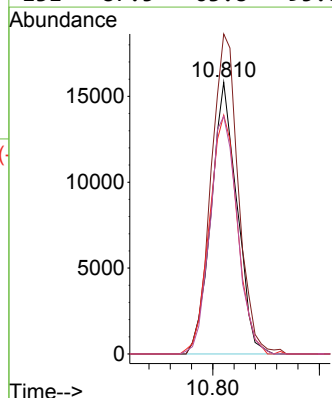
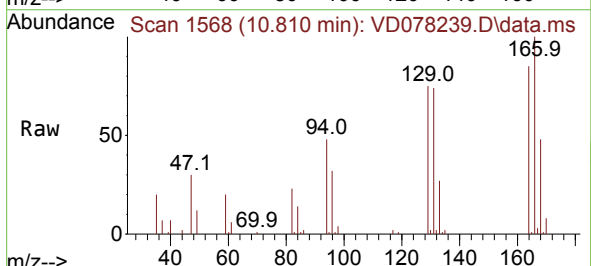
Ion Ratio Lower Upper

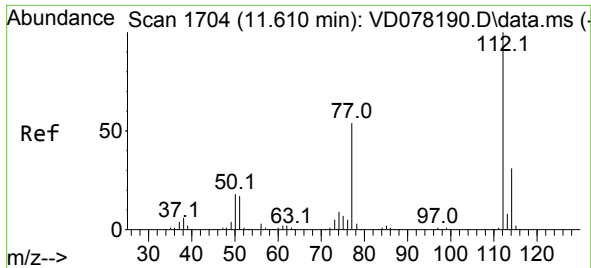
164 100

166 117.8 99.2 148.8

129 87.9 68.4 102.6

131 87.5 63.8 95.8

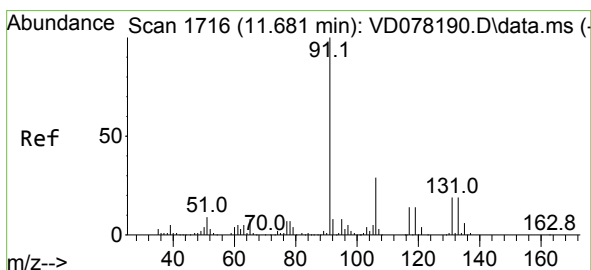
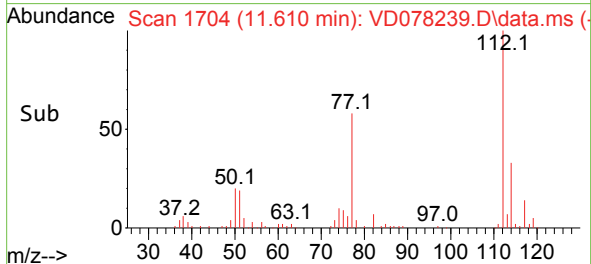
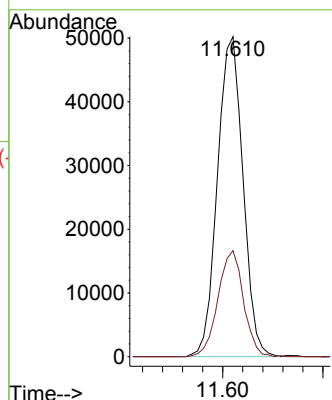
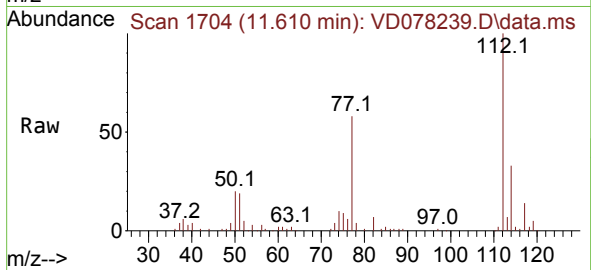




#65
Chlorobenzene
Concen: 18.255 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

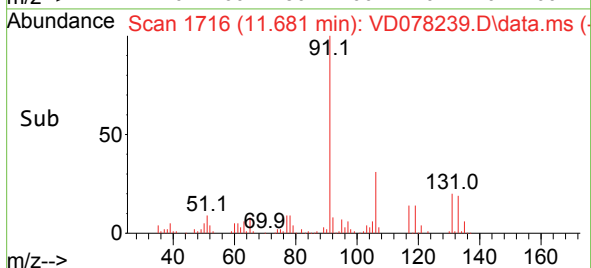
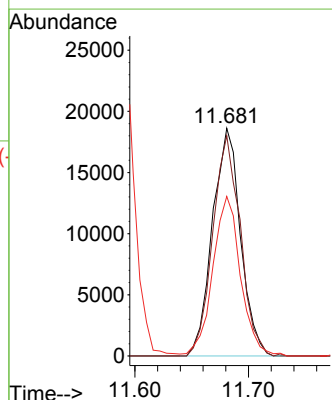
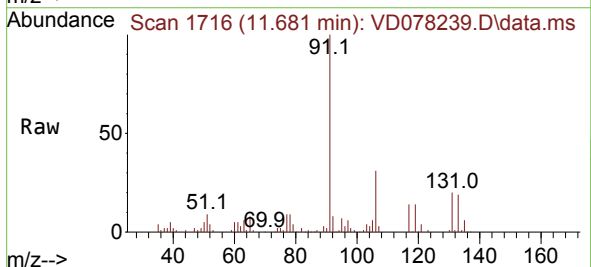
Instrument :
MSVOA_D
ClientSampleId :

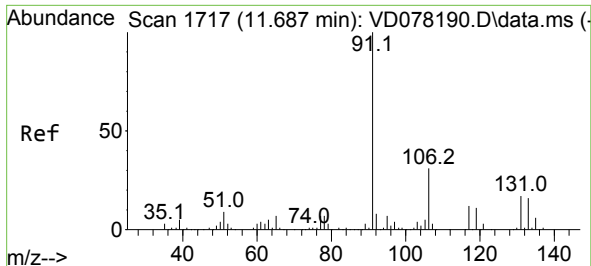
Tgt Ion:112 Resp: 88703
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.411 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion:131 Resp: 31970
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 69.4 35.6 106.9

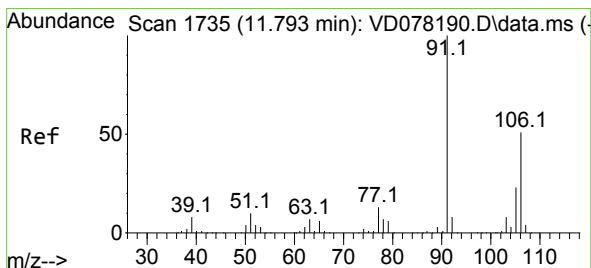
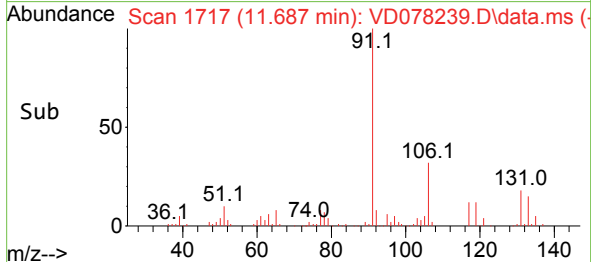
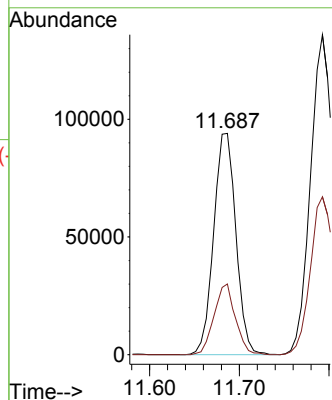
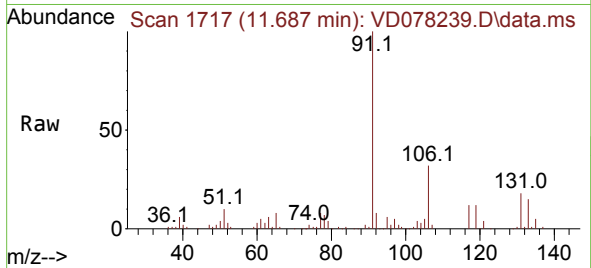




#67
Ethyl Benzene
Concen: 18.317 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

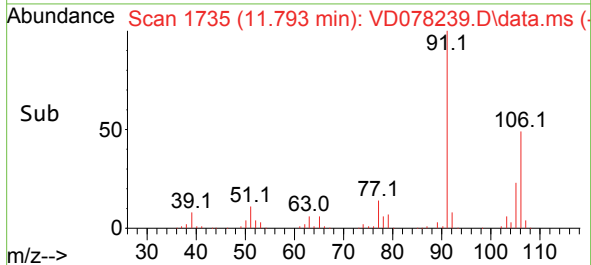
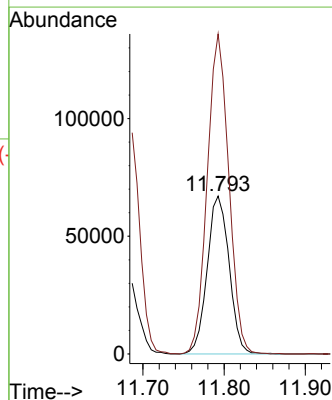
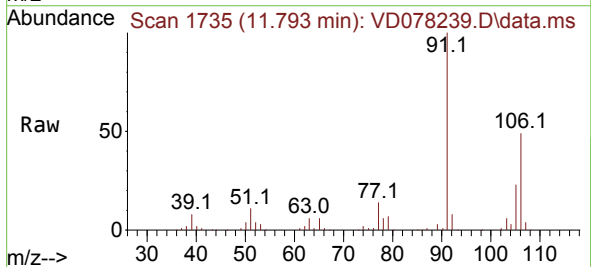
Instrument :
MSVOA_D
ClientSampleId :

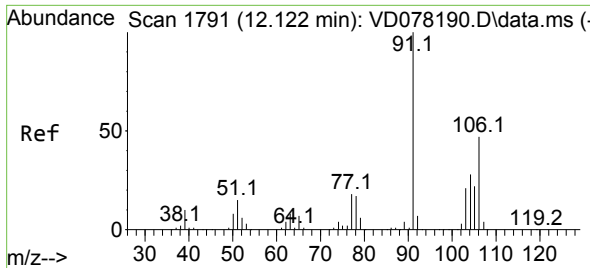
Tgt Ion: 91 Resp: 161966
Ion Ratio Lower Upper
91 100
106 32.0 26.5 39.7



#68
m/p-Xylenes
Concen: 37.249 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion:106 Resp: 125796
Ion Ratio Lower Upper
106 100
91 199.0 147.0 220.6

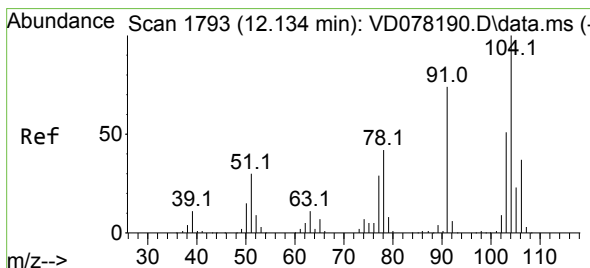
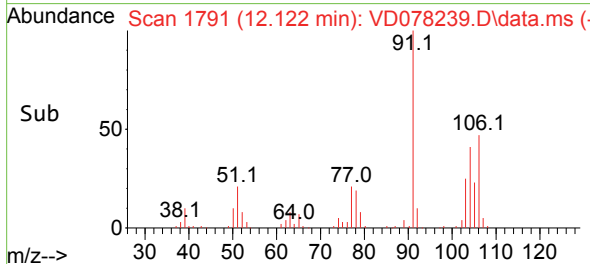
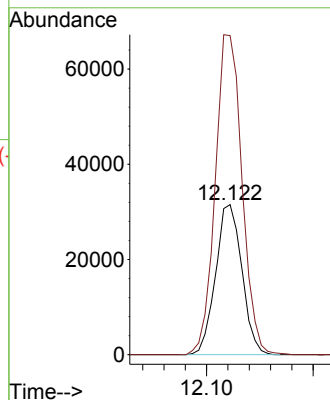
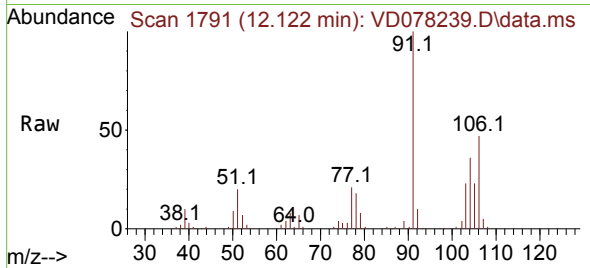




#69
o-Xylene
Concen: 17.581 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

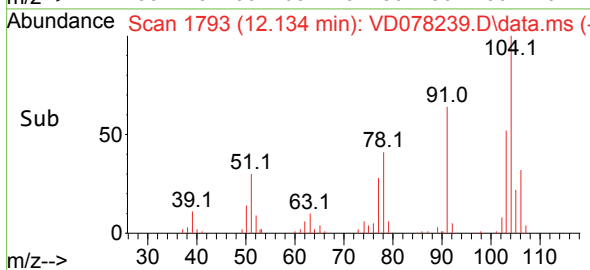
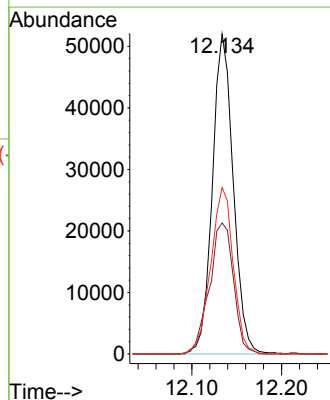
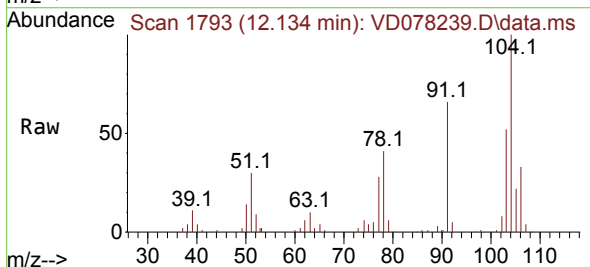
Instrument :
MSVOA_D
ClientSampleId :

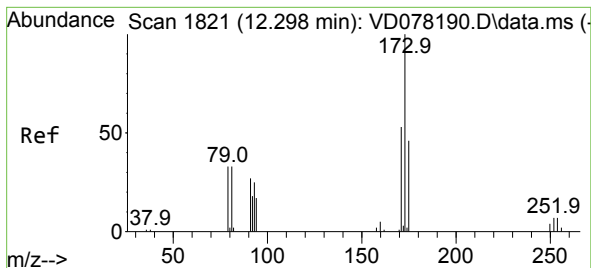
Tgt Ion:106 Resp: 53885
Ion Ratio Lower Upper
106 100
91 217.4 97.9 293.6



#70
Styrene
Concen: 18.285 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion:104 Resp: 83977
Ion Ratio Lower Upper
104 100
78 47.1 33.2 49.8
103 56.1 43.6 65.4





#71

Bromoform

Concen: 17.507 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :

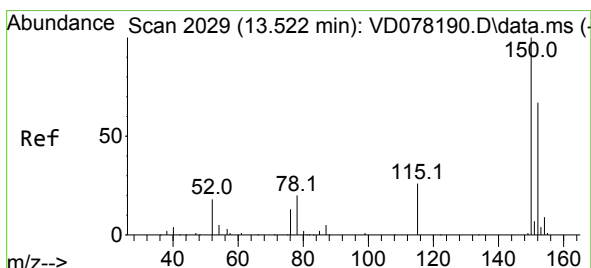
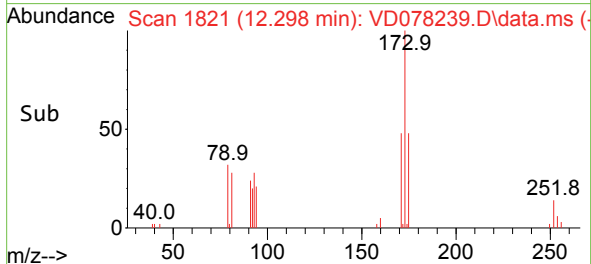
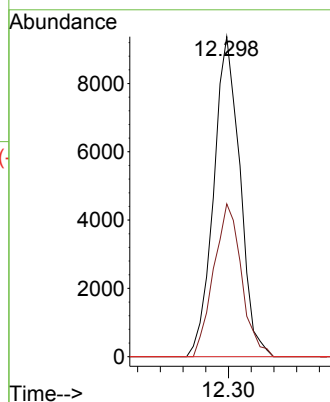
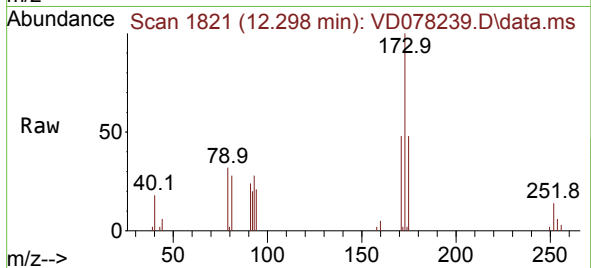
Tgt Ion:173 Resp: 15055

Ion Ratio Lower Upper

173 100

175 50.6 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

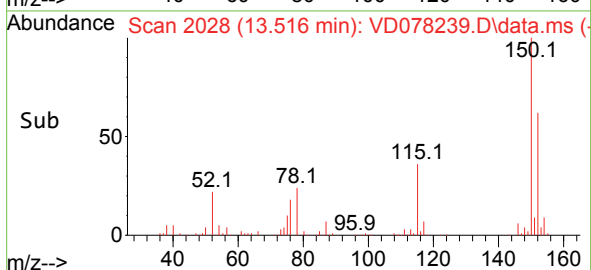
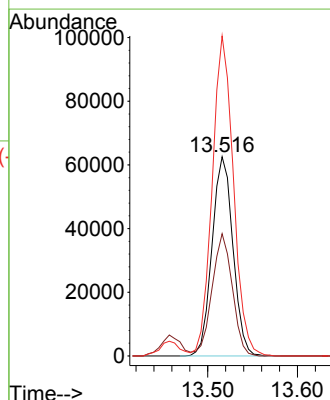
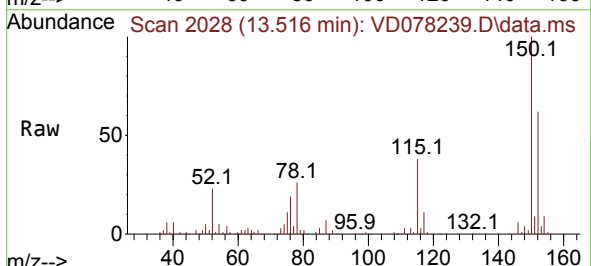
Tgt Ion:152 Resp: 101197

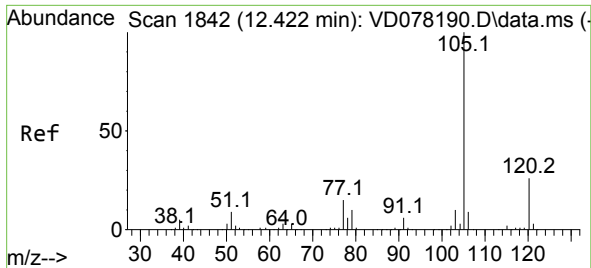
Ion Ratio Lower Upper

152 100

115 59.5 27.1 81.3

150 163.1 0.0 353.6

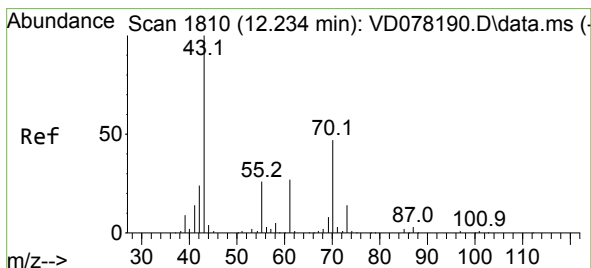
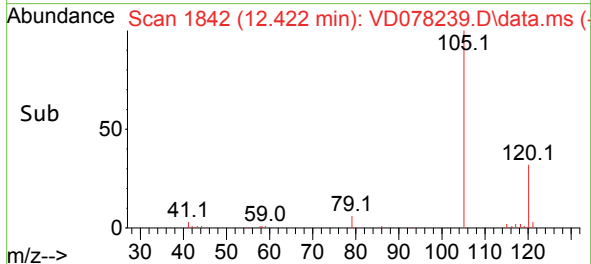
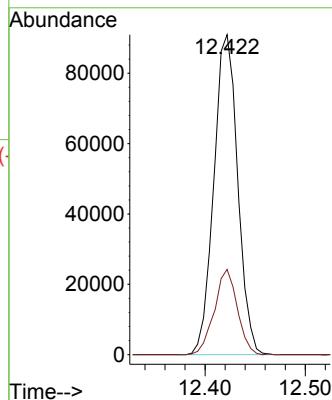
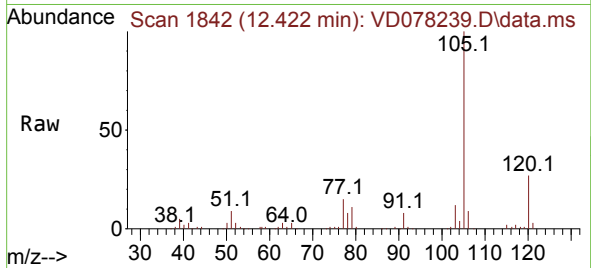




#73
Isopropylbenzene
Concen: 18.847 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

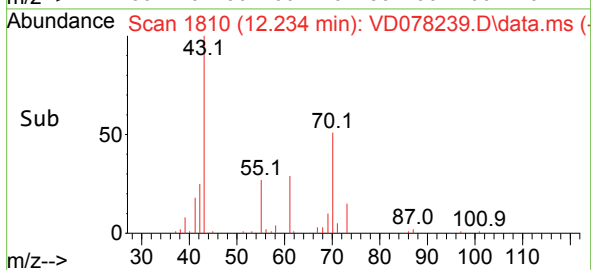
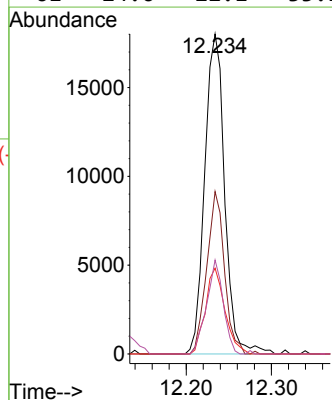
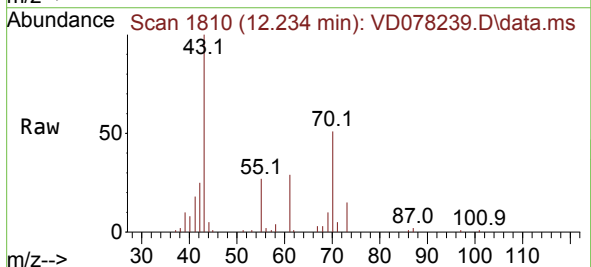
Instrument :
MSVOA_D
ClientSampleId :

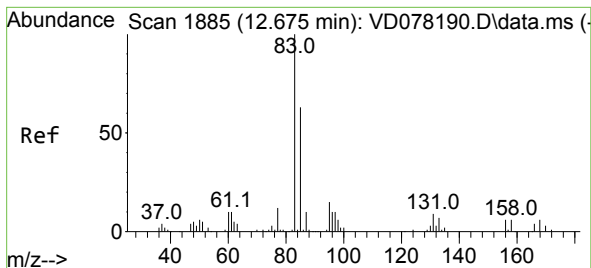
Tgt Ion:105 Resp: 149963
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.273 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 43 Resp: 29339
Ion Ratio Lower Upper
43 100
70 45.1 45.0 67.4
55 26.2 23.8 35.6
61 24.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.725 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :

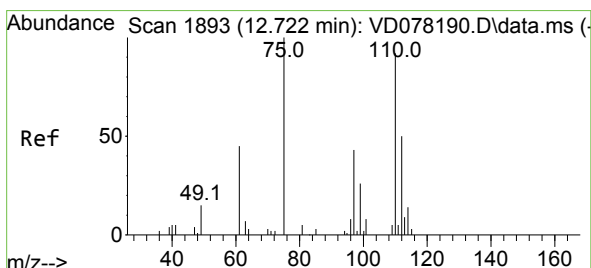
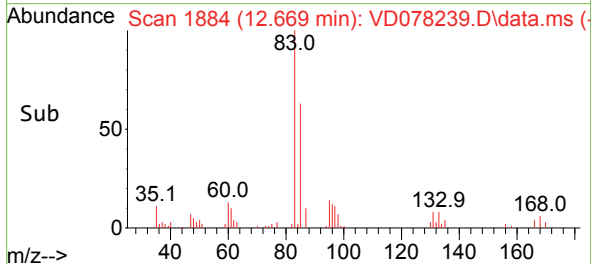
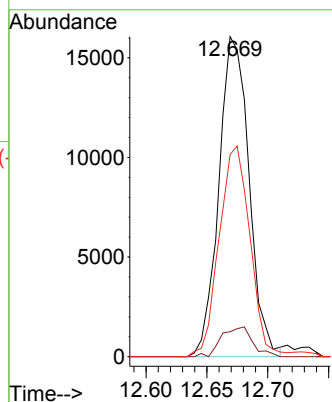
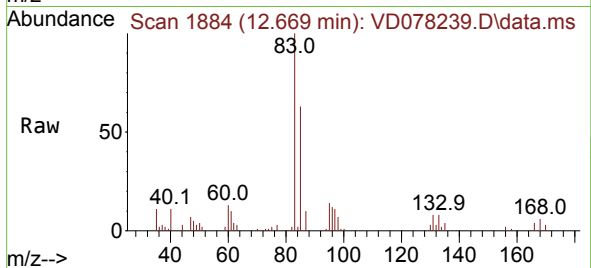
Tgt Ion: 83 Resp: 27723

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

85 67.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.012 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078239.D

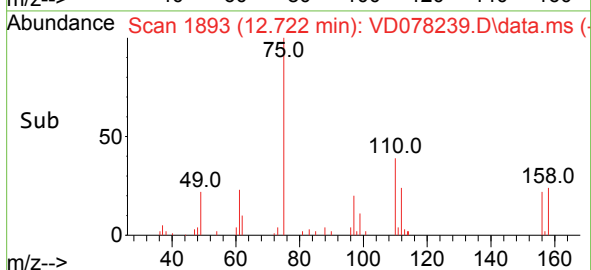
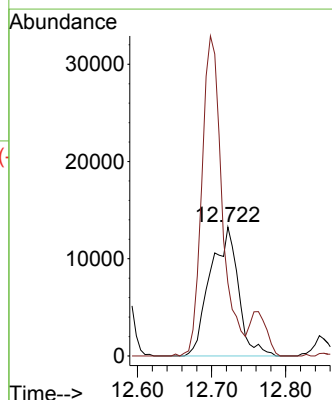
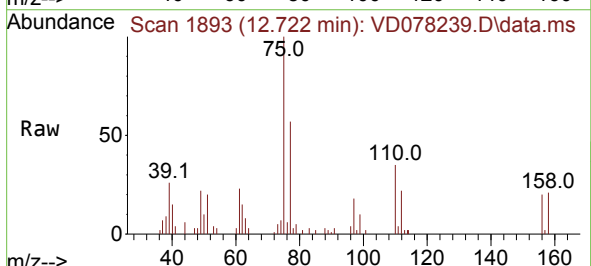
Acq: 25 Jan 2024 10:59

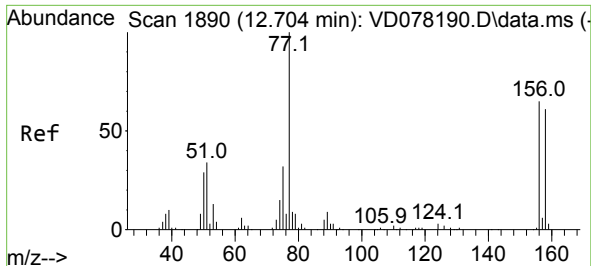
Tgt Ion: 75 Resp: 34954

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

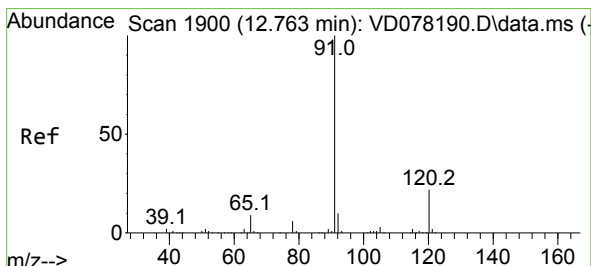
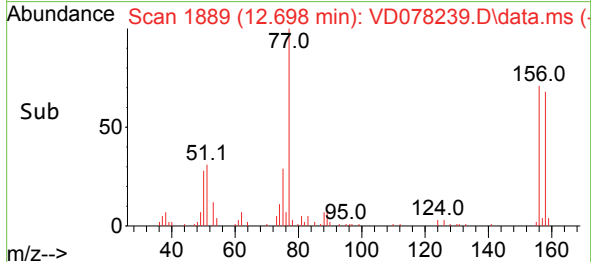
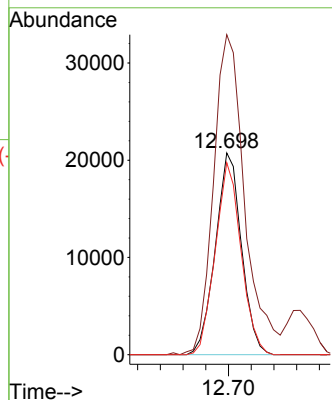
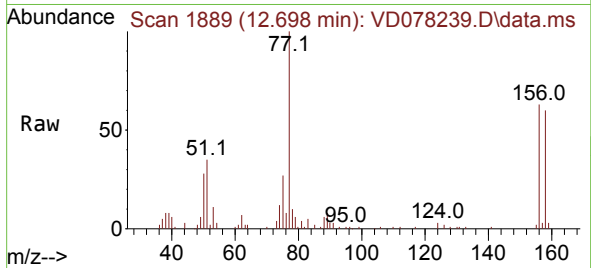




#77
Bromobenzene
Concen: 18.990 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

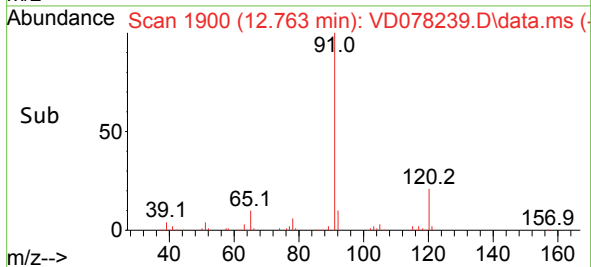
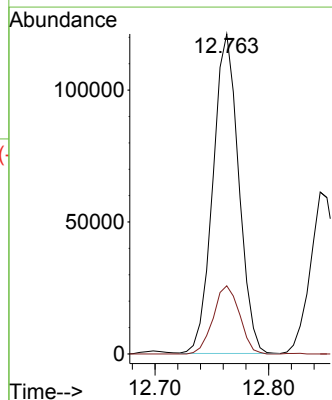
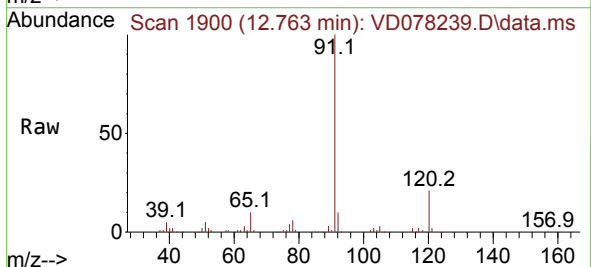
Instrument :
MSVOA_D
ClientSampleId :

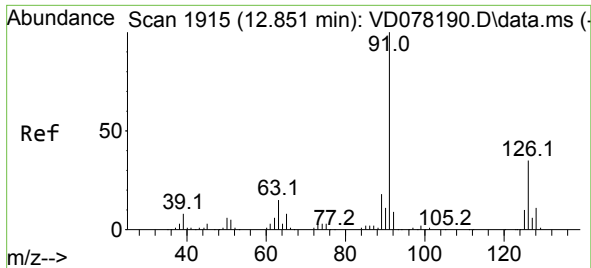
Tgt Ion:156 Resp: 33128
Ion Ratio Lower Upper
156 100
77 189.4 76.8 230.4
158 94.3 48.6 145.9



#78
n-propylbenzene
Concen: 19.360 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 91 Resp: 191054
Ion Ratio Lower Upper
91 100
120 21.7 12.4 37.2

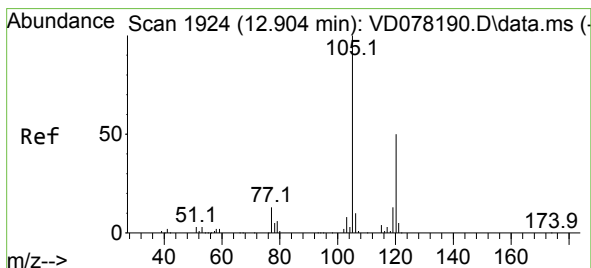
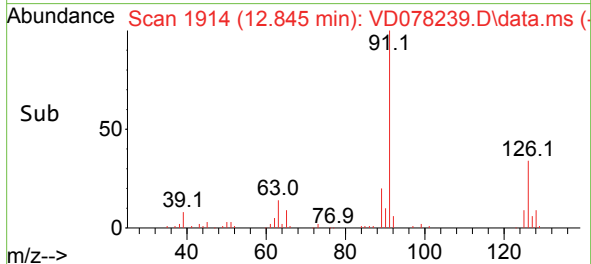
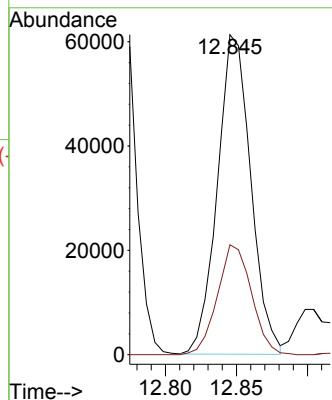
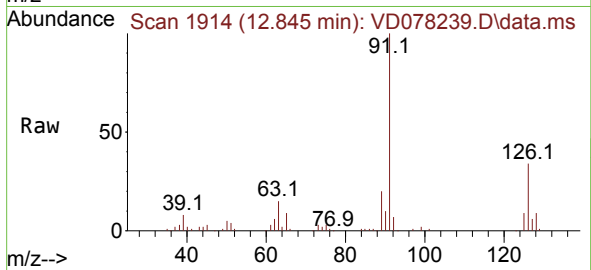




#79
2-Chlorotoluene
Concen: 19.028 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

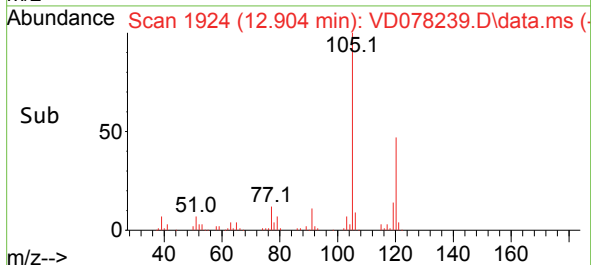
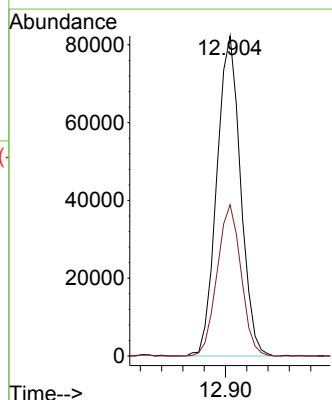
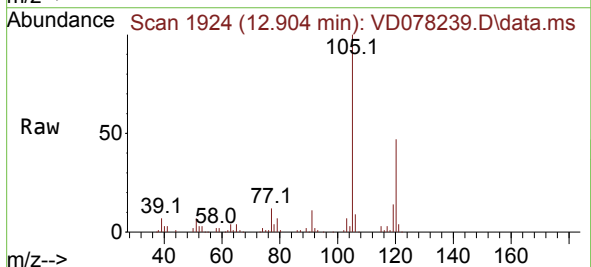
Instrument :
MSVOA_D
ClientSampleId :

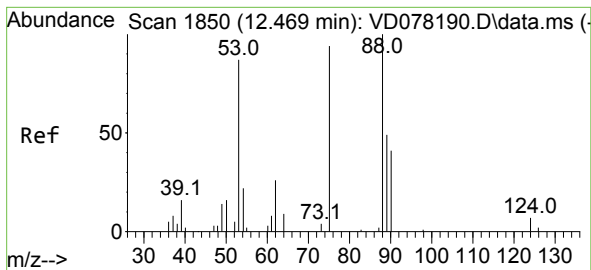
Tgt Ion: 91 Resp: 100211
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.287 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 105 Resp: 127251
Ion Ratio Lower Upper
105 100
120 47.5 26.4 79.2

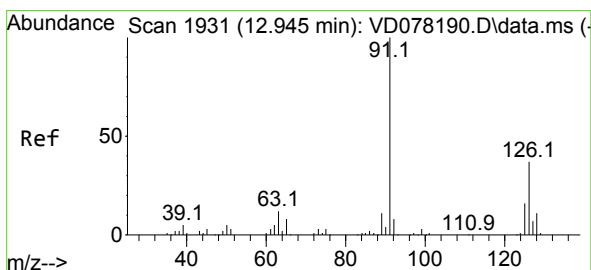
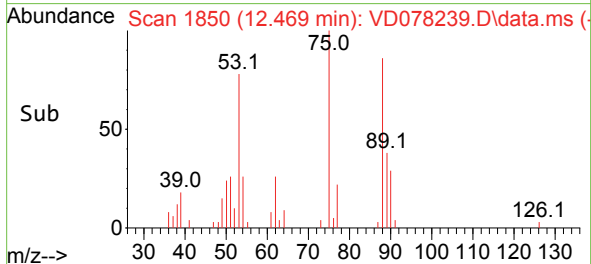
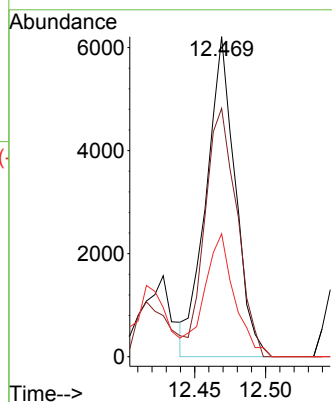
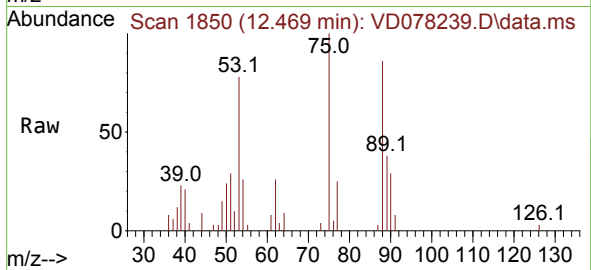




#81
trans-1,4-Dichloro-2-butene
Concen: 19.587 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

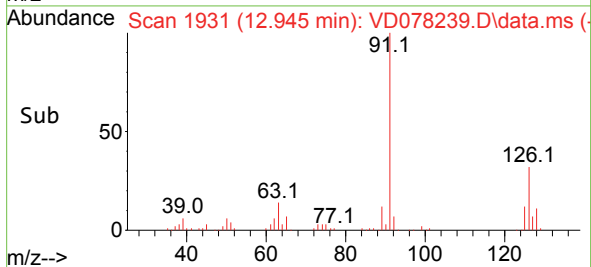
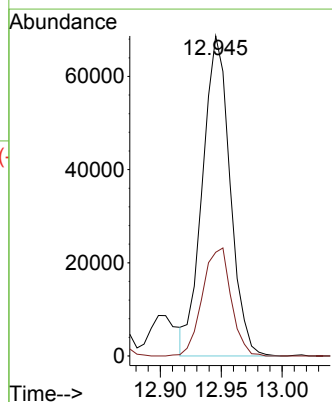
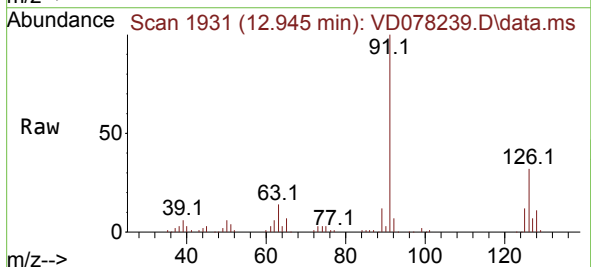
Instrument :
MSVOA_D
ClientSampleId :

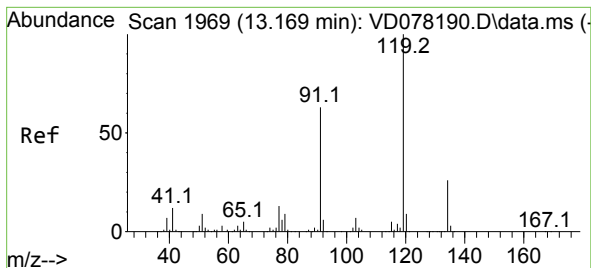
Tgt Ion: 75 Resp: 8826
Ion Ratio Lower Upper
75 100
53 84.3 63.0 94.4
89 40.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.457 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

Tgt Ion: 91 Resp: 108015
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 18.782 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :

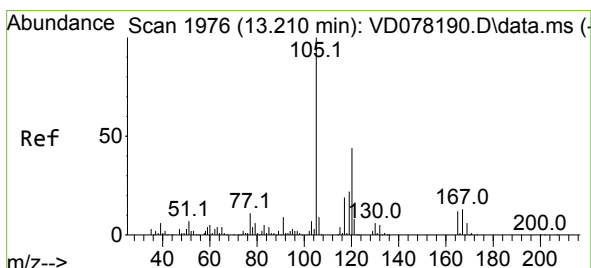
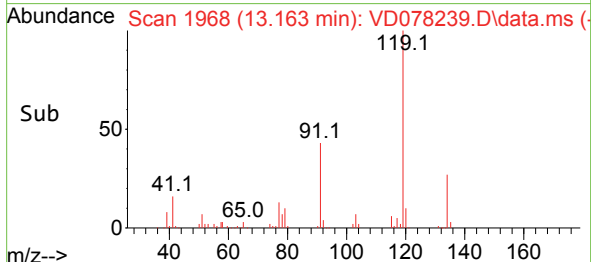
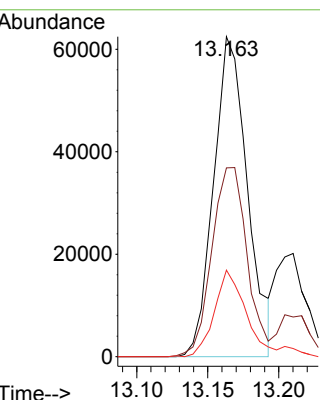
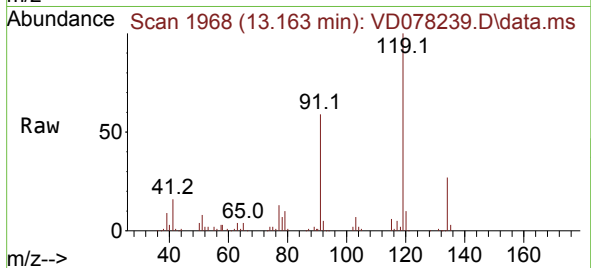
Tgt Ion:119 Resp: 103588

Ion Ratio Lower Upper

119 100

91 61.4 29.3 87.8

134 25.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 18.688 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078239.D

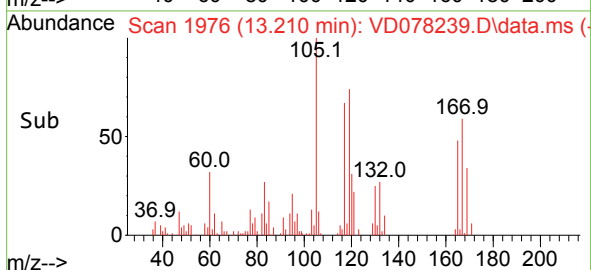
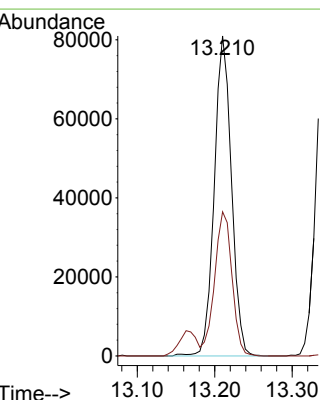
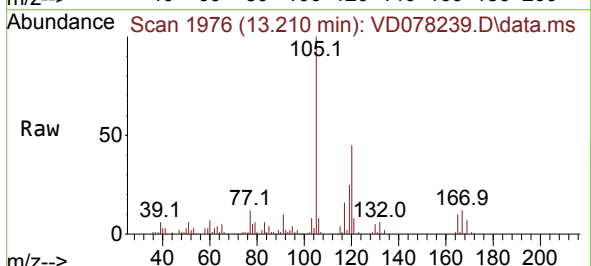
Acq: 25 Jan 2024 10:59

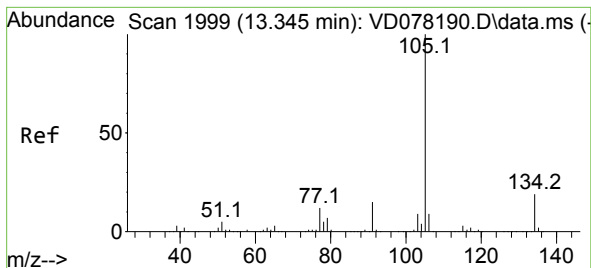
Tgt Ion:105 Resp: 124698

Ion Ratio Lower Upper

105 100

120 45.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 18.884 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

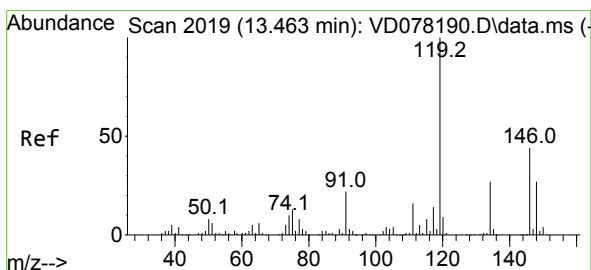
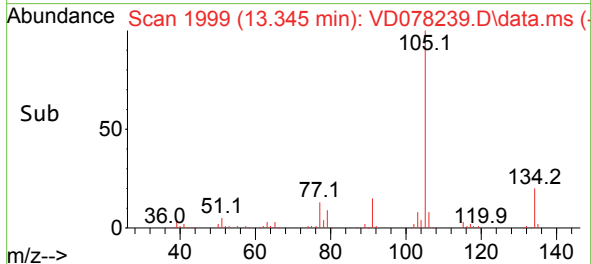
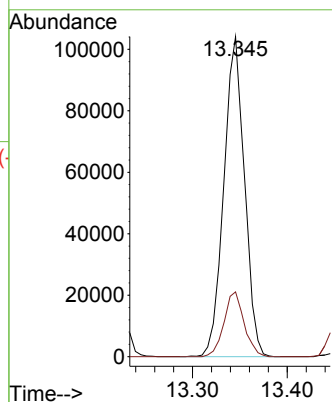
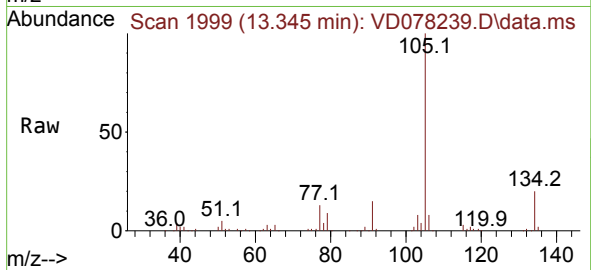
ClientSampleId :

Tgt Ion:105 Resp: 157703

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.429 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

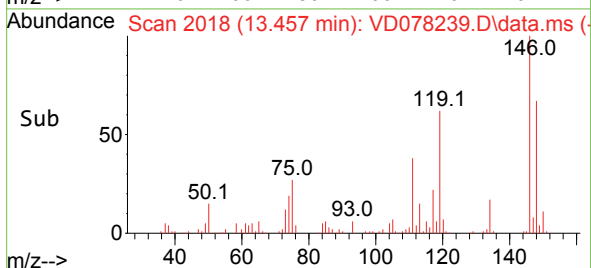
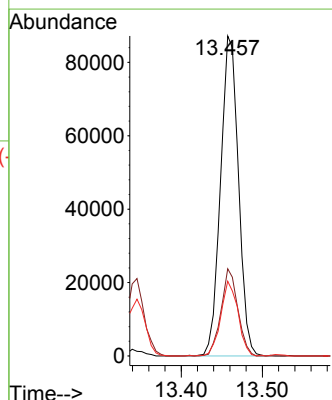
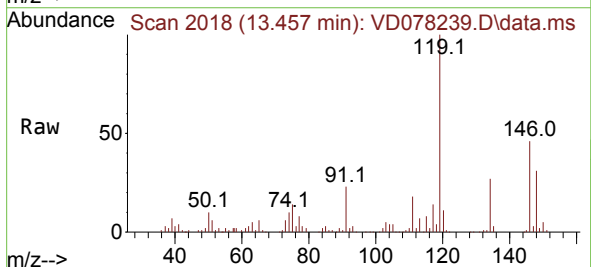
Tgt Ion:119 Resp: 133930

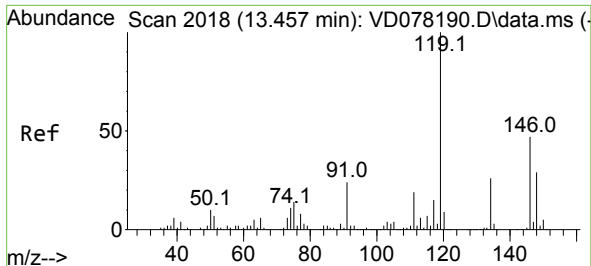
Ion Ratio Lower Upper

119 100

134 25.5 14.2 42.6

91 22.6 10.5 31.5

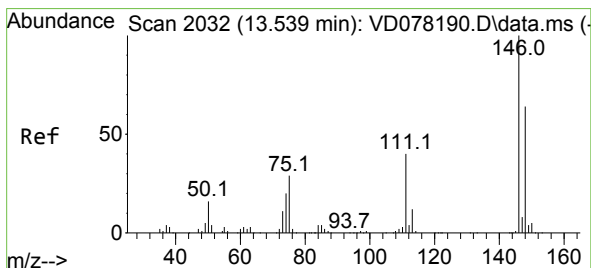
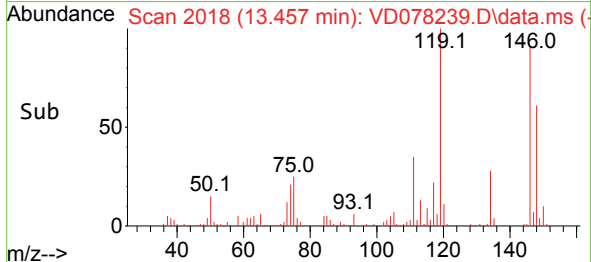
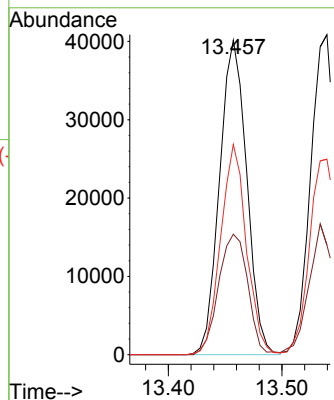
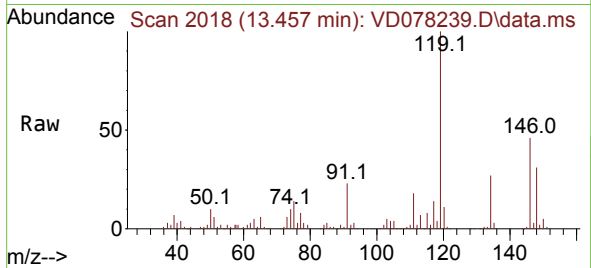




#87
 1,3-Dichlorobenzene
 Concen: 18.490 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59

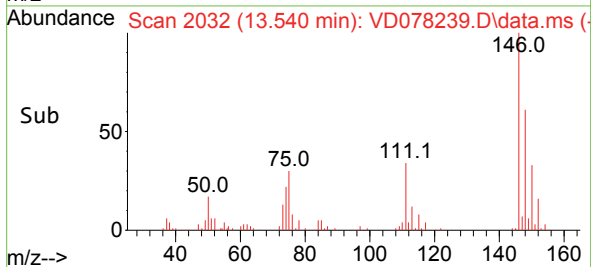
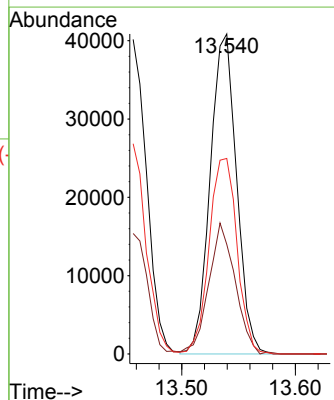
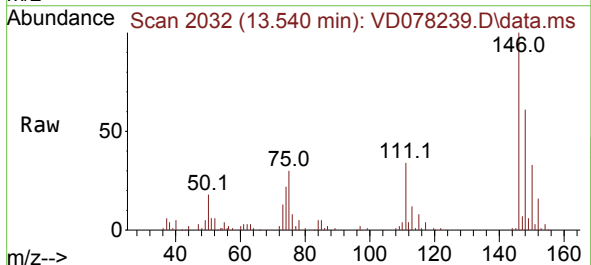
Instrument :
 MSVOA_D
 ClientSampleId :

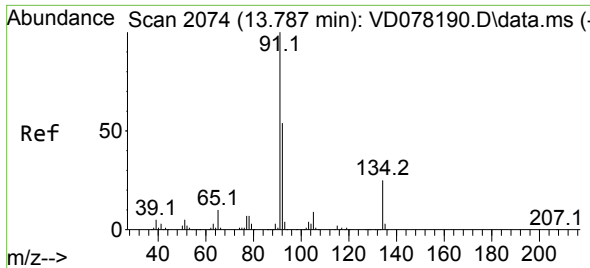
Tgt Ion:146 Resp: 66784
 Ion Ratio Lower Upper
 146 100
 111 41.3 17.9 53.8
 148 63.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 18.489 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59

Tgt Ion:146 Resp: 65976
 Ion Ratio Lower Upper
 146 100
 111 41.0 17.4 52.3
 148 64.7 31.7 95.1

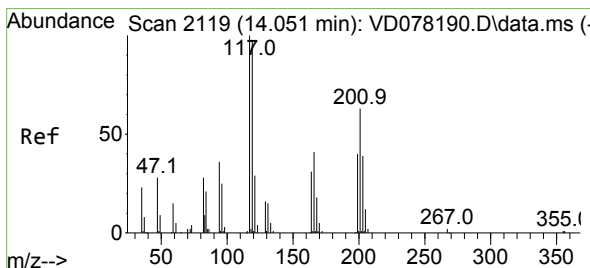
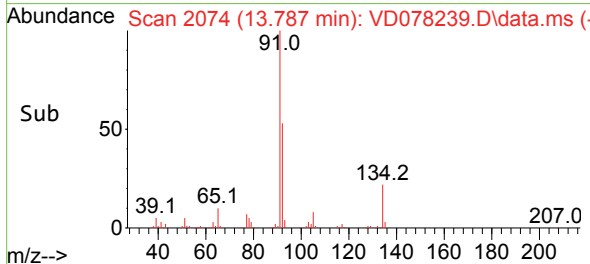
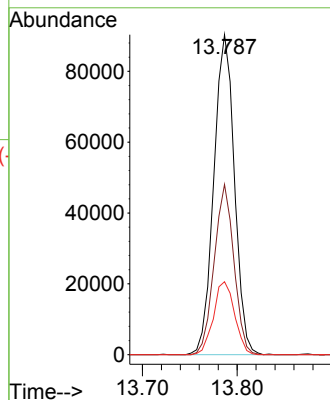
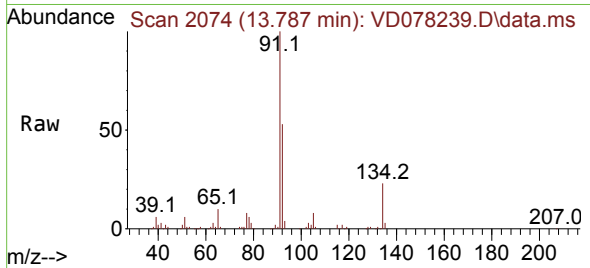




#89
n-Butylbenzene
Concen: 19.294 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

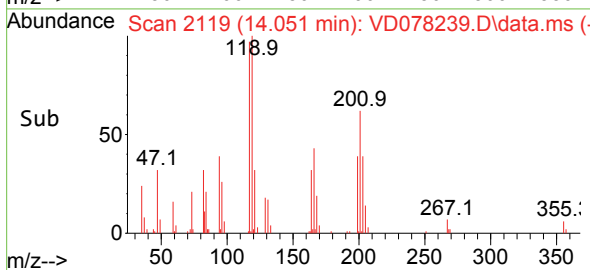
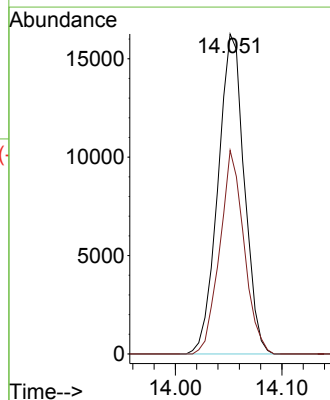
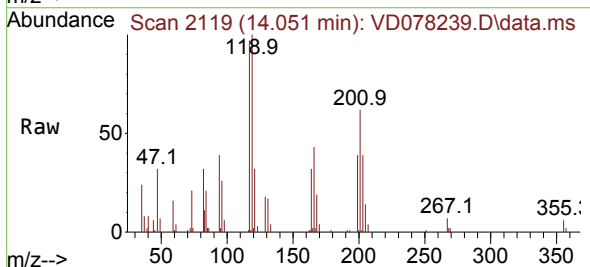
Instrument :
MSVOA_D
ClientSampleId :

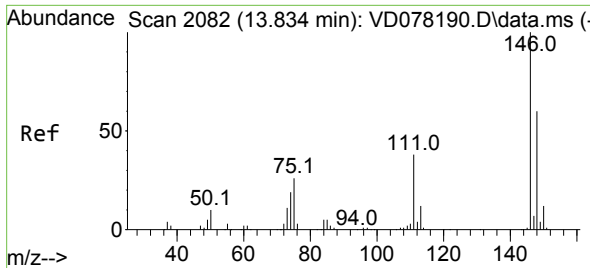
Tgt Ion: 91 Resp: 136496
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 23.5 13.8 41.3



#90
Hexachloroethane
Concen: 19.542 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

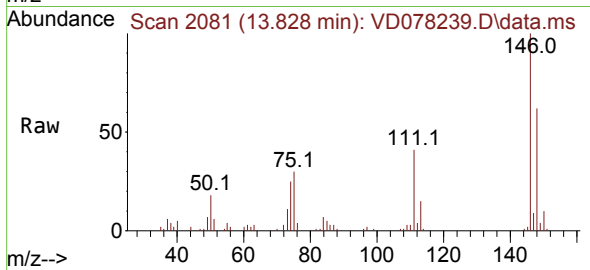
Tgt Ion: 117 Resp: 27859
Ion Ratio Lower Upper
117 100
201 58.8 38.5 115.5



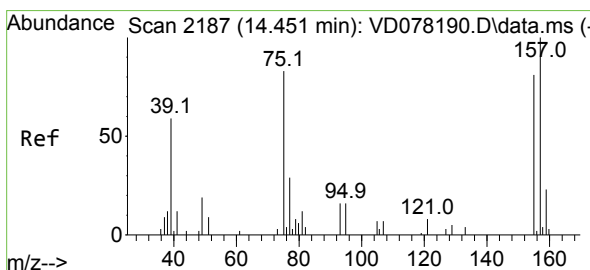
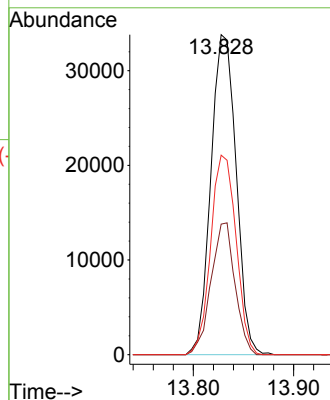
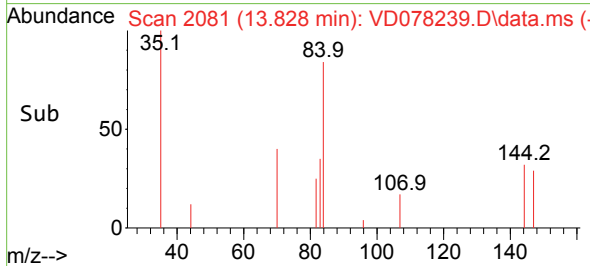


#91
1,2-Dichlorobenzene
Concen: 19.481 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59

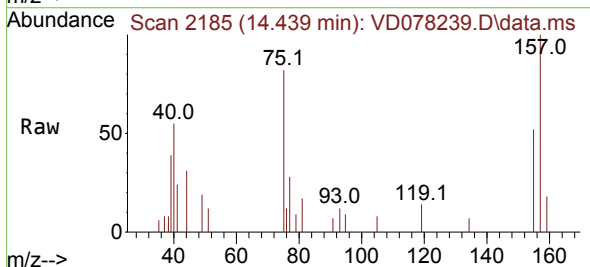
Instrument :
MSVOA_D
ClientSampleId :



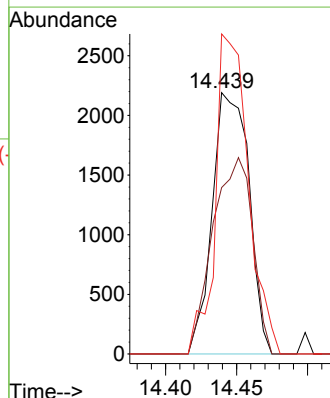
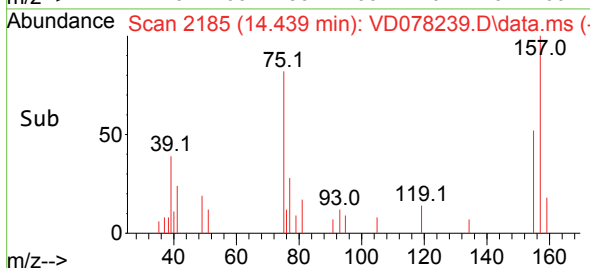
Tgt Ion:146 Resp: 59168
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 62.6 31.6 94.7

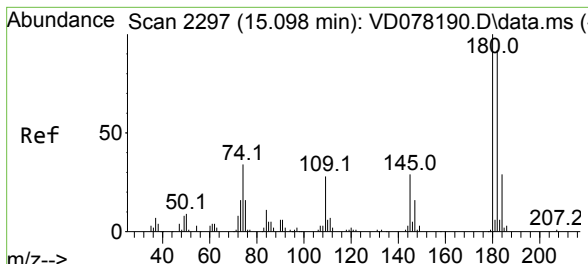


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.598 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.012 min
Lab File: VD078239.D
Acq: 25 Jan 2024 10:59



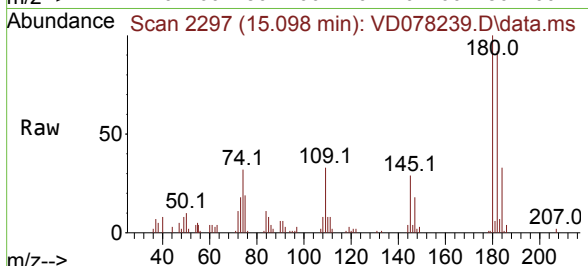
Tgt Ion: 75 Resp: 3935
Ion Ratio Lower Upper
75 100
155 81.5 47.9 143.8
157 109.9 59.9 179.7



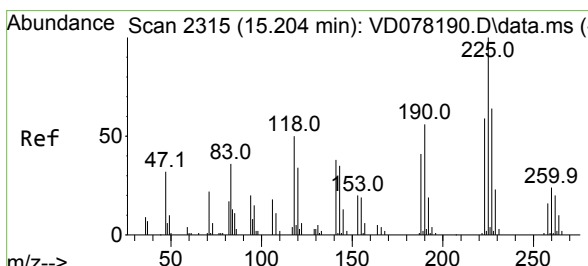
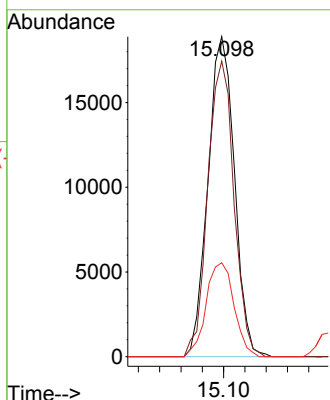
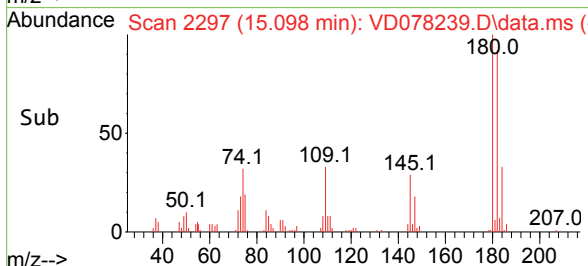


#93
 1,2,4-Trichlorobenzene
 Concen: 17.337 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59

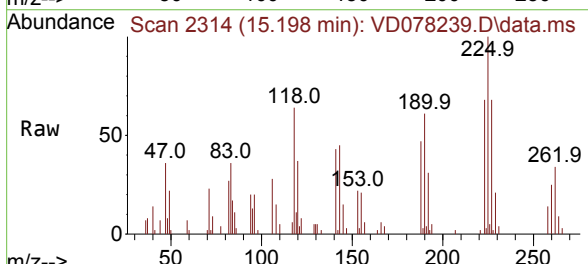
Instrument :
 MSVOA_D
 ClientSampleId :



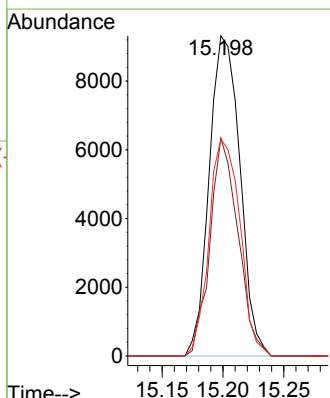
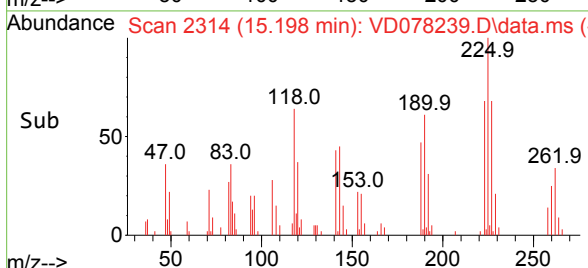
Tgt Ion:	180	Resp:	32549
Ion Ratio	Lower	Upper	
180	100		
182	91.3	48.5	145.6
145	30.9	14.2	42.6

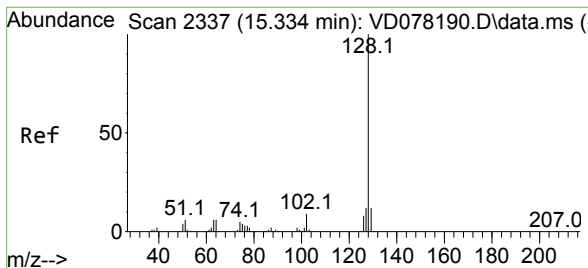


#94
 Hexachlorobutadiene
 Concen: 18.044 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078239.D
 Acq: 25 Jan 2024 10:59



Tgt Ion:	225	Resp:	16370
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.6	94.8
227	68.2	31.7	95.1





#95

Naphthalene

Concen: 17.067 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078239.D

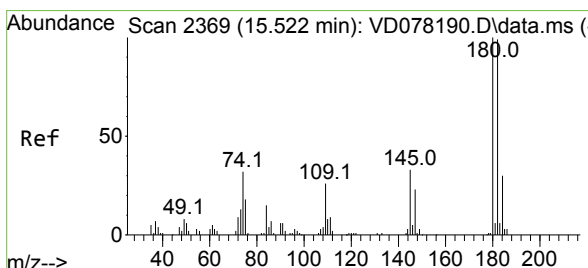
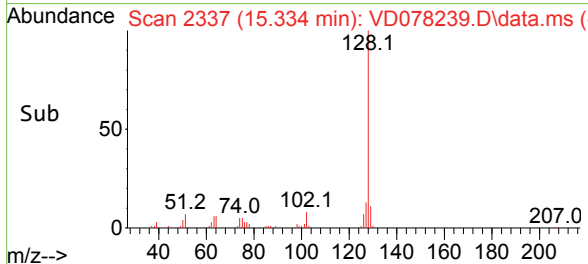
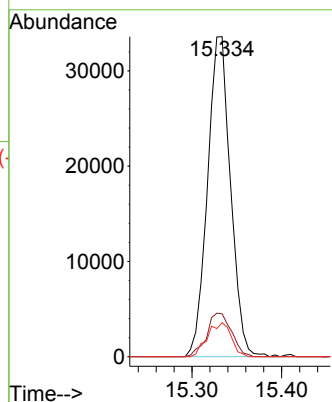
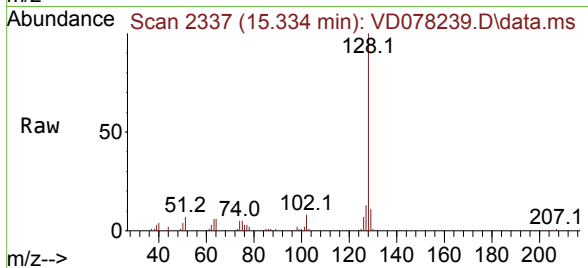
Acq: 25 Jan 2024 10:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	59910
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.5 15.7
129	10.6	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.440 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078239.D

Acq: 25 Jan 2024 10:59

Tgt Ion:180	Resp:	27472
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.3 141.9
145	34.8	15.1 45.3

