

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090123\
 Data File : VD077079.D
 Acq On : 01 Sep 2023 10:51
 Operator : JC/SY
 Sample : VSTD00565
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 02 01:21:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	277763	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	274679	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	136217	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	30067	3.726	ug/L	0.00
7) Chloroethane-d5	2.805	69	25426	3.507	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	6609	3.522	ug/L	0.00
21) 2-Butanone-d5	6.987	46	7599	6.338	ug/L	0.00
24) Chloroform-d	7.575	84	33202	3.597	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	15891	3.477	ug/L	0.00
32) Benzene-d6	8.198	84	66081	3.712	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	19380	3.604	ug/L	0.00
41) Toluene-d8	10.269	98	57648	3.537	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	8618	3.512	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	5869	5.951	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	17377	3.405	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	20177	3.982	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	17408	3.804	ug/L	100
3) Chloromethane	2.146	50	31768	5.308	ug/L	98
5) Vinyl chloride	2.281	62	33819	3.980	ug/L	92
6) Bromomethane	2.693	94	24155	3.860	ug/L	93
8) Chloroethane	2.834	64	22716	4.001	ug/L	100
9) Trichlorofluoromethane	3.175	101	31289	4.392	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	19151	4.133	ug/L #	60
12) 1,1-Dichloroethene	3.940	96	16947	4.117	ug/L	93
13) Acetone	4.022	43	12910	10.326	ug/L	93
14) Carbon disulfide	4.269	76	58310	4.156	ug/L	100
15) Methyl Acetate	4.563	43	8148	3.936	ug/L #	81
16) Methylene chloride	4.799	84	28970	4.940	ug/L	92
17) trans-1,2-Dichloroethene	5.316	96	19730	4.274	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	39988	3.964	ug/L #	72
19) 1,1-Dichloroethane	6.110	63	33829	4.373	ug/L	93
20) cis-1,2-Dichloroethene	7.087	96	20489	3.955	ug/L	97
22) 2-Butanone	7.081	43	15561	9.040	ug/L	86
23) Bromochloromethane	7.422	128	6554	2.609	ug/L	89
25) Chloroform	7.593	83	37688	4.437	ug/L	94
27) 1,2-Dichloroethane	8.328	62	22865	4.328	ug/L	99
29) Cyclohexane	7.881	56	23312	3.884	ug/L	98
30) 1,1,1-Trichloroethane	7.787	97	30715	4.458	ug/L	97
31) Carbon tetrachloride	7.998	117	25029	4.412	ug/L	98
33) Benzene	8.251	78	79039	4.378	ug/L	100
34) Trichloroethene	9.034	95	22270	4.718	ug/L	94
35) Methylcyclohexane	9.275	83	29184	3.833	ug/L	98
37) 1,2-Dichloropropane	9.304	63	19258	4.214	ug/L	99
38) Bromodichloromethane	9.581	83	29713	4.715	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	31028	4.207	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	21352	7.525	ug/L	98
42) Toluene	10.334	91	82657	4.212	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	25713	3.997	ug/L	91

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 Response via : Initial Calibration

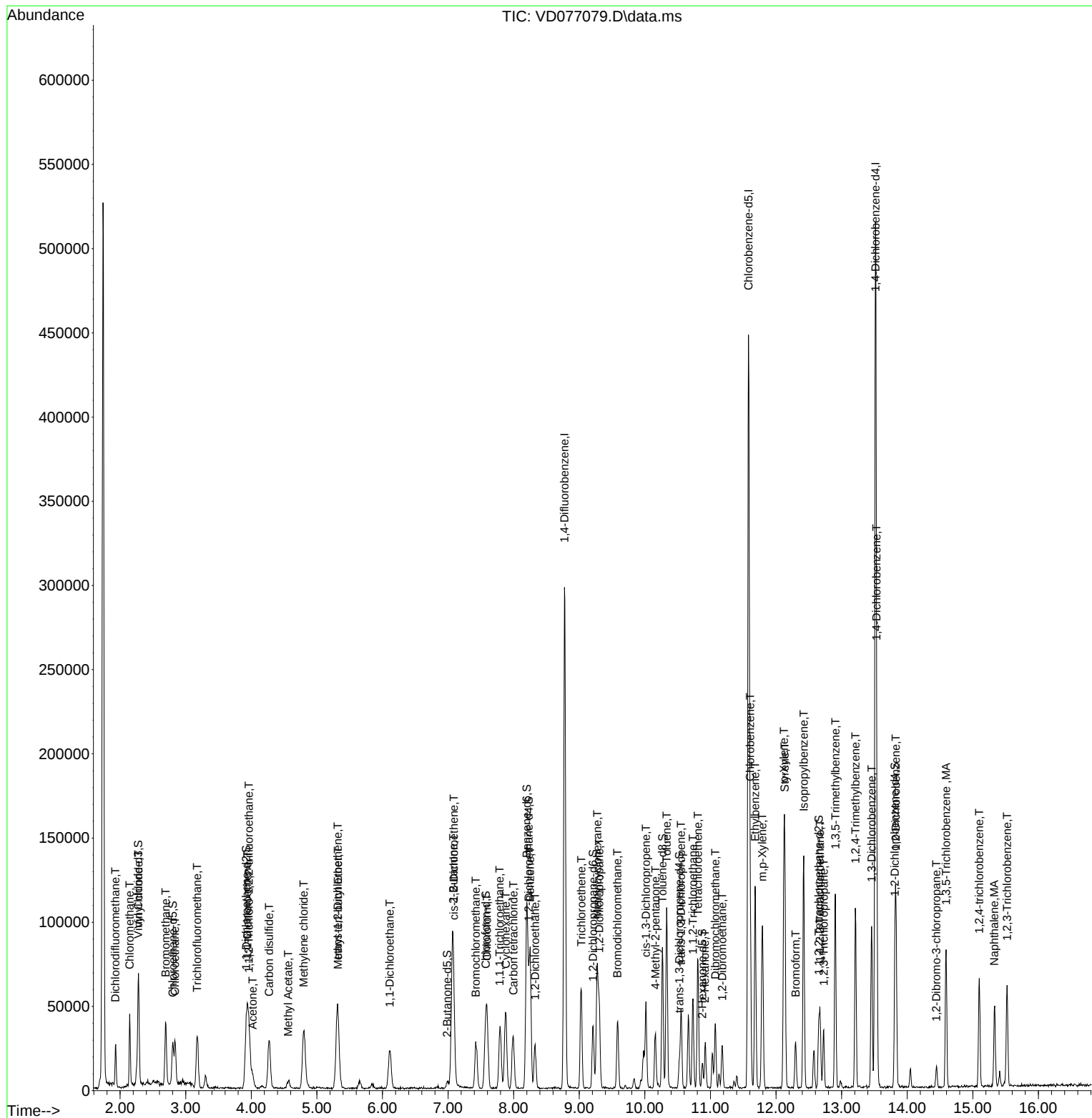
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	17565	4.378	ug/L	88
46) Tetrachloroethene	10.810	164	18064	5.030	ug/L	88
48) 2-Hexanone	10.916	43	16249	7.473	ug/L	95
49) Dibromochloromethane	11.075	129	19703	4.333	ug/L	98
50) 1,2-Dibromoethane	11.181	107	16622	4.215	ug/L #	85
51) Chlorobenzene	11.604	112	57174	4.427	ug/L	96
52) Ethylbenzene	11.681	91	86281	4.117	ug/L	96
53) m,p-Xylene	11.792	106	32880	4.052	ug/L	98
54) o-Xylene	12.122	106	31378	4.019	ug/L	99
55) Styrene	12.133	104	55426	3.933	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	20989	4.244	ug/L #	89
59) Bromoform	12.298	173	12427	4.589	ug/L	91
60) Isopropylbenzene	12.422	105	82403	4.223	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	14464	4.660	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	62519	4.188	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	60675	4.100	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	42377	4.720	ug/L	99
65) 1,4-Dichlorobenzene	13.533	146	45446	4.912	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	38885	4.637	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.445	75	2951	4.106	ug/L	98
69) 1,3,5-Trichlorobenzene	14.592	180	26992	4.788	ug/L	96
70) 1,2,4-trichlorobenzene	15.098	180	22900	4.631	ug/L	97
71) Naphthalene	15.327	128	42999	3.791	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	21684	4.850	ug/L	98

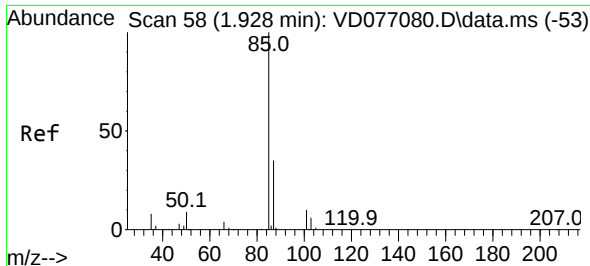
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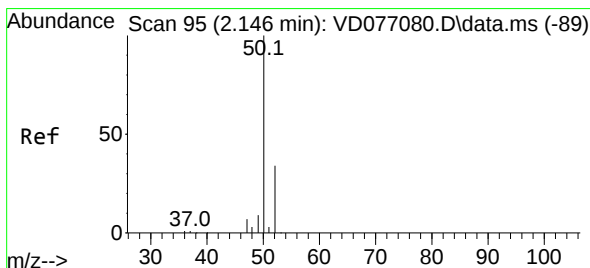
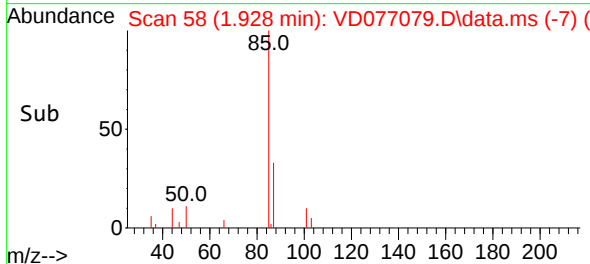
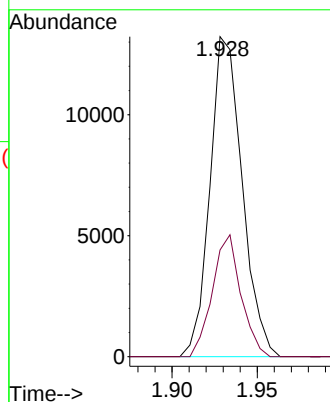
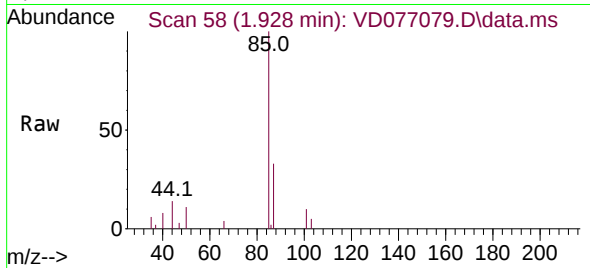




#2
 Dichlorodifluoromethane
 Concen: 3.804 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

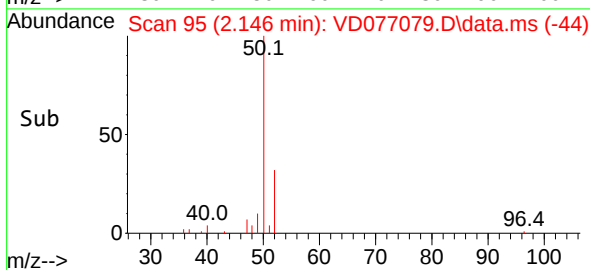
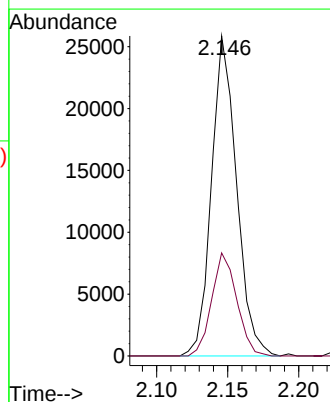
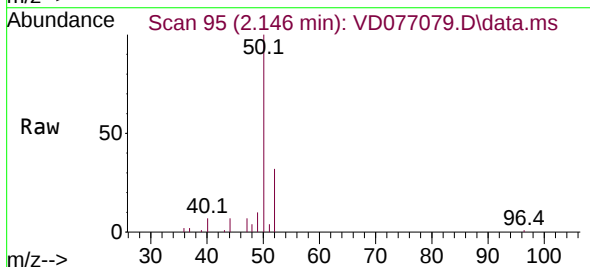
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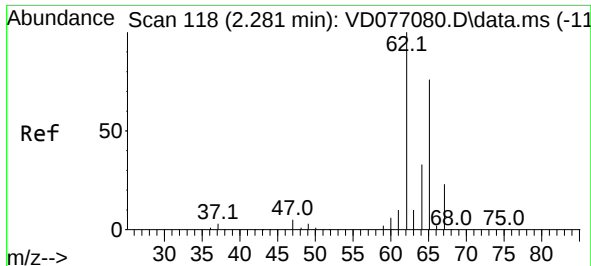
Tgt Ion: 85 Resp: 17408
 Ion Ratio Lower Upper
 85 100
 87 33.7 27.0 40.6



#3
 Chloromethane
 Concen: 5.308 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

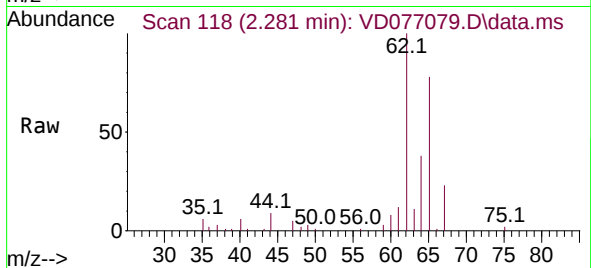
Tgt Ion: 50 Resp: 31768
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.5 43.7



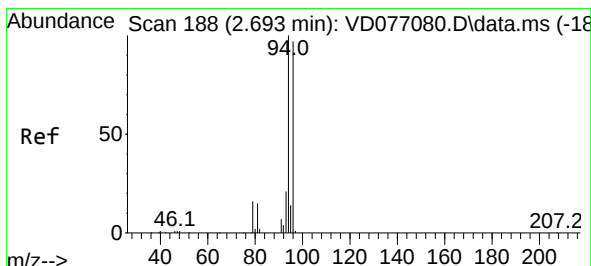
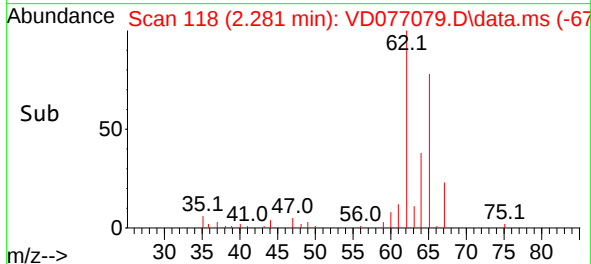
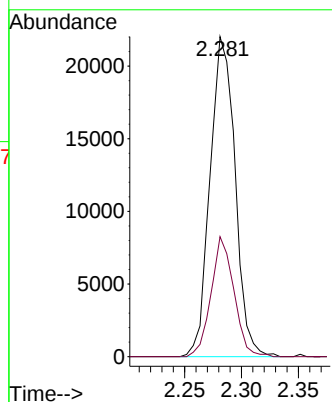


#5
 Vinyl chloride
 Concen: 3.980 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

Instrument :
 MSVOA_D
 ClientSampleId :

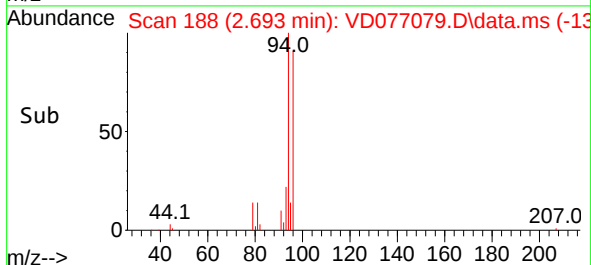
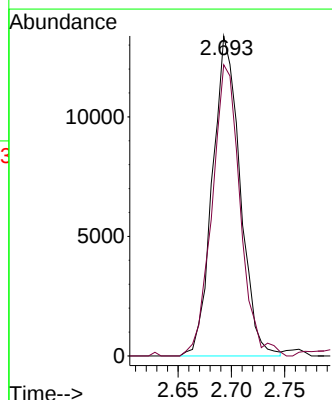
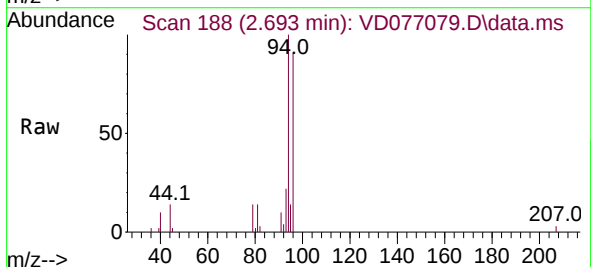


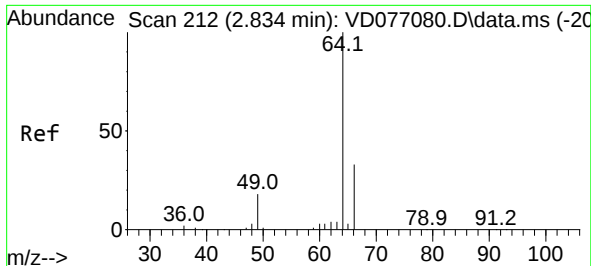
Tgt Ion: 62 Resp: 33819
 Ion Ratio Lower Upper
 62 100
 64 37.5 23.2 43.2



#6
 Bromomethane
 Concen: 3.860 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

Tgt Ion: 94 Resp: 24155
 Ion Ratio Lower Upper
 94 100
 96 91.0 68.2 126.6

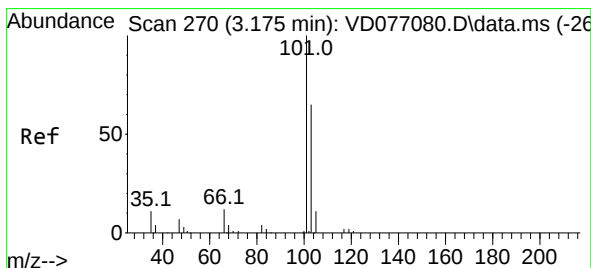
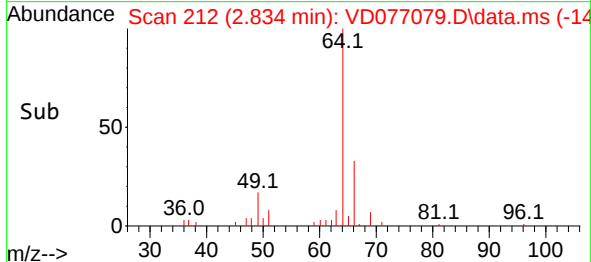
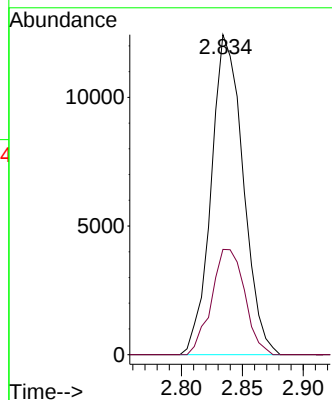
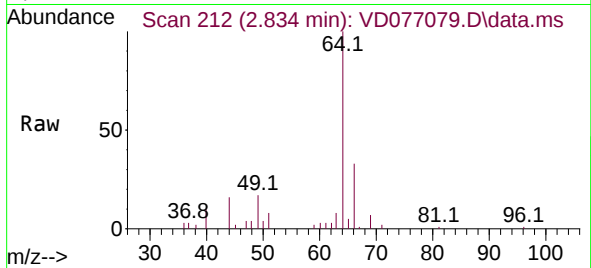




#8
Chloroethane
Concen: 4.001 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

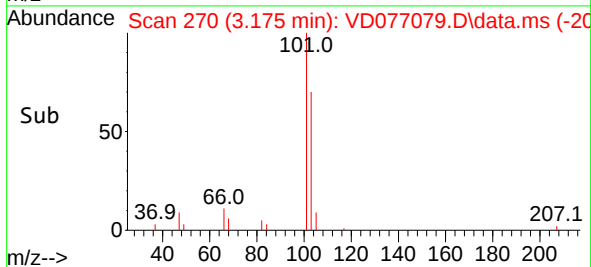
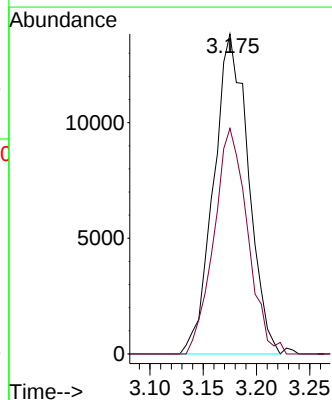
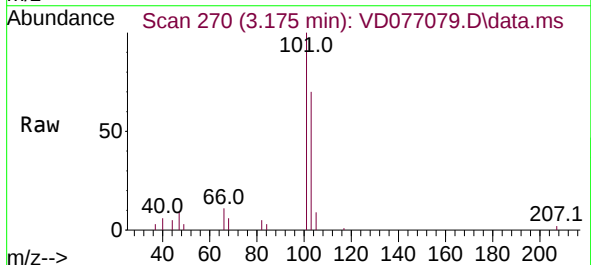
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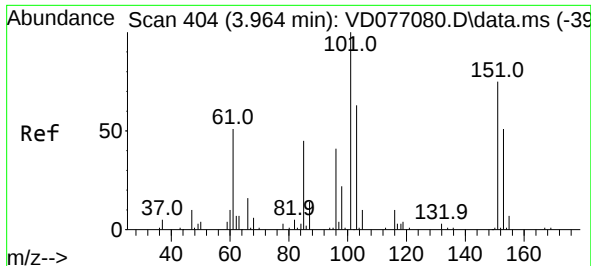
Tgt Ion: 64 Resp: 22716
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.6



#9
Trichlorofluoromethane
Concen: 4.392 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion:101 Resp: 31289
Ion Ratio Lower Upper
101 100
103 67.8 52.0 78.0

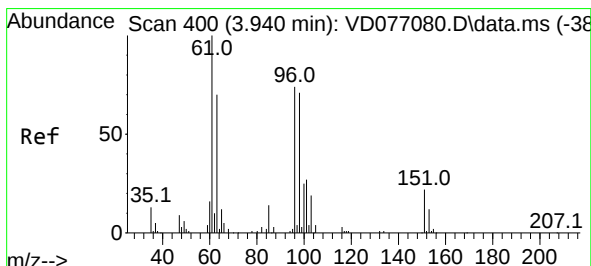
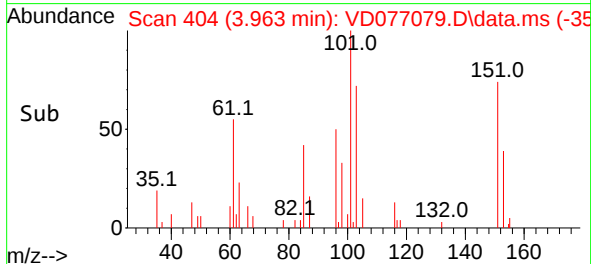
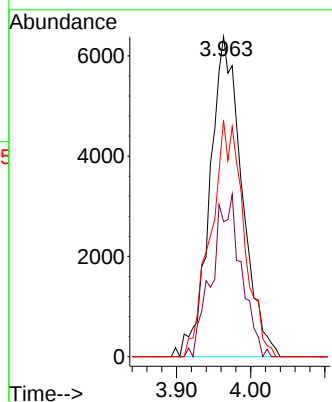
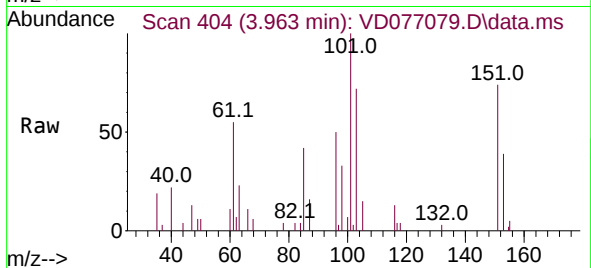




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.133 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

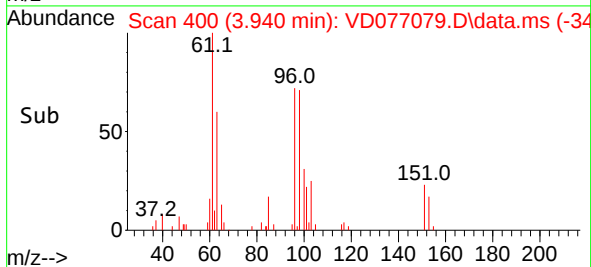
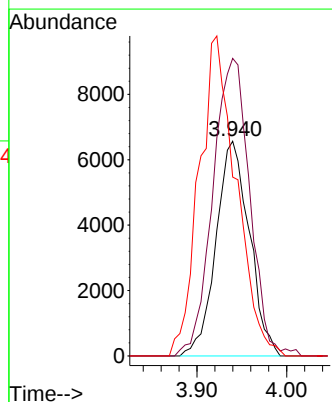
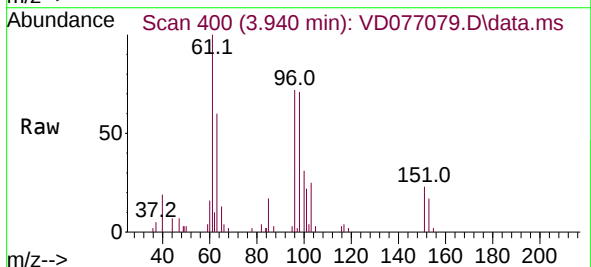
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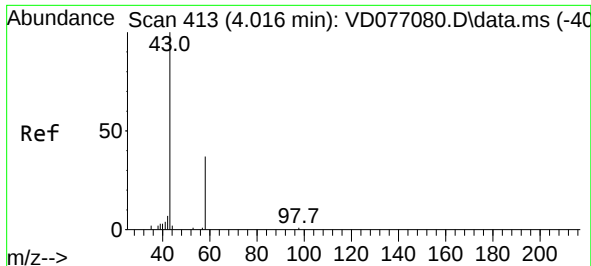
Tgt Ion:101 Resp: 19151
 Ion Ratio Lower Upper
 101 100
 85 13.4 33.4 50.2#
 151 42.4 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 4.117 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

Tgt Ion: 96 Resp: 16947
 Ion Ratio Lower Upper
 96 100
 61 138.6 95.5 177.3
 63 83.3 68.6 127.4





#13

Acetone

Concen: 10.326 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077079.D

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Instrument :

MSVOA_D

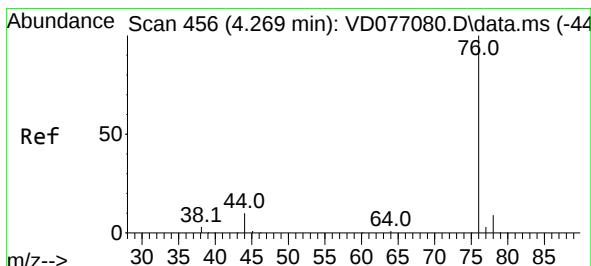
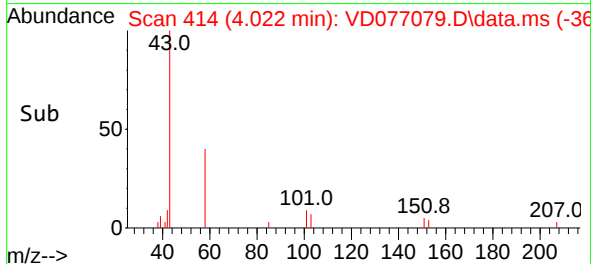
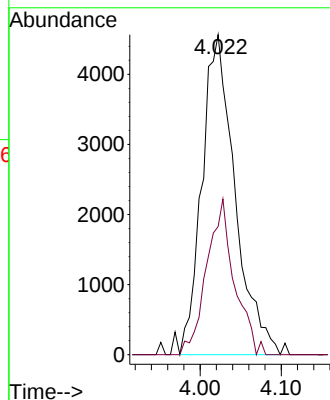
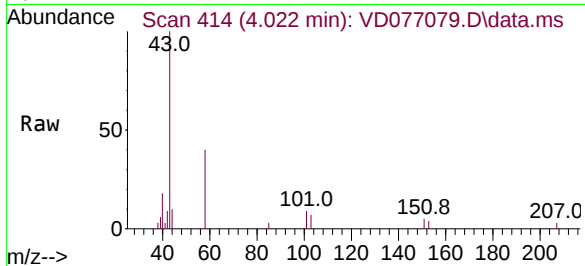
ClientSampleId :

Tgt Ion: 43 Resp: 12910

Ion Ratio Lower Upper

43 100

58 40.1 0.0 71.8



#14

Carbon disulfide

Concen: 4.156 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD077079.D

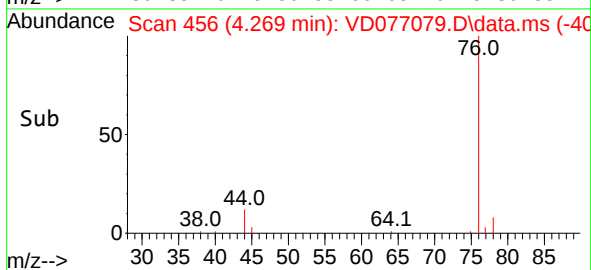
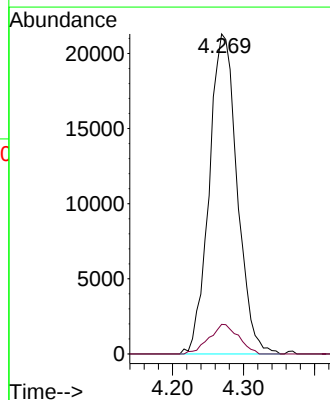
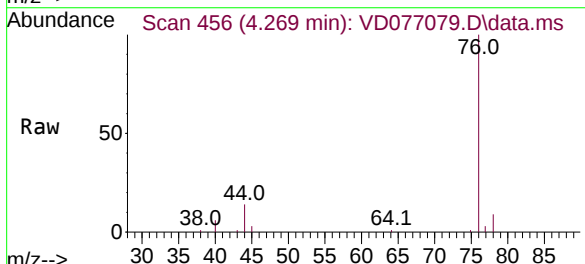
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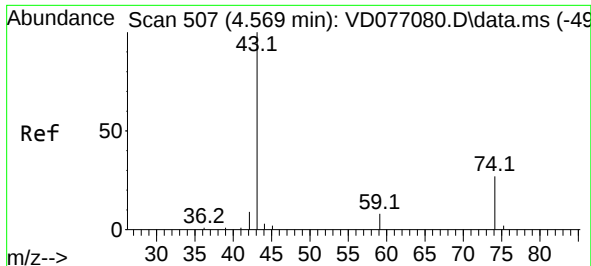
Tgt Ion: 76 Resp: 58310

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

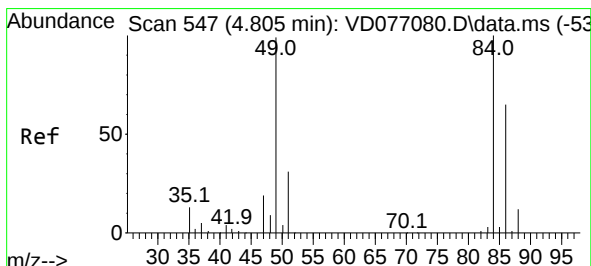
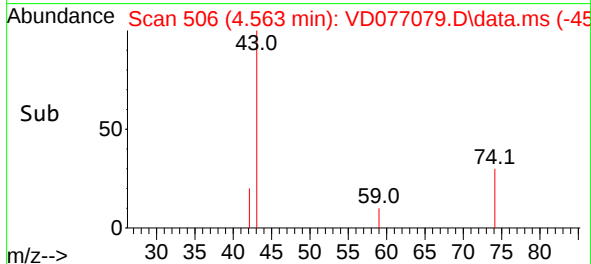
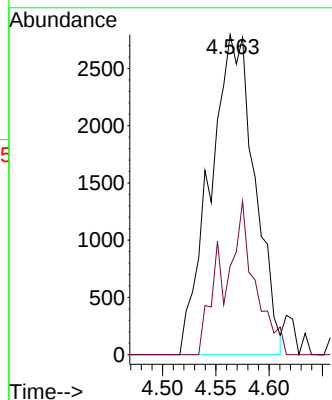
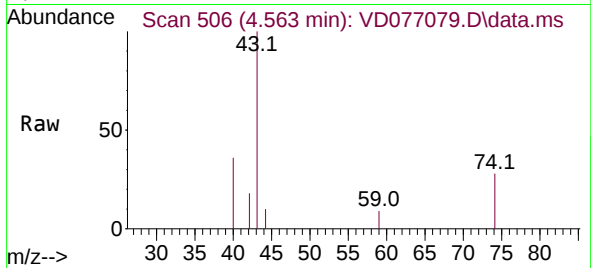




#15
Methyl Acetate
Concen: 3.936 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

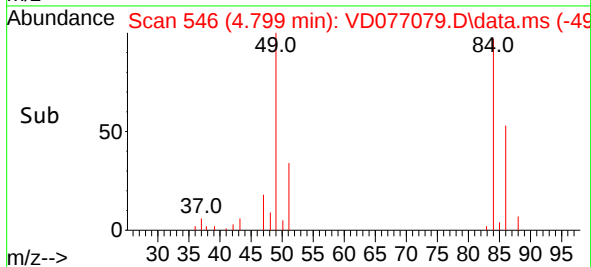
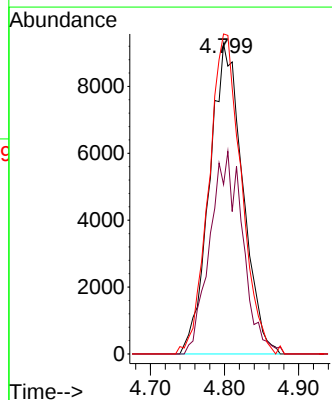
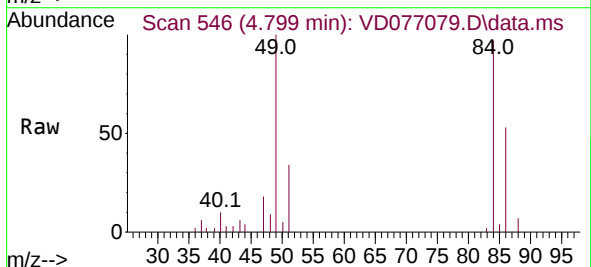
Instrument :
MSVOA_D
ClientSampleId :

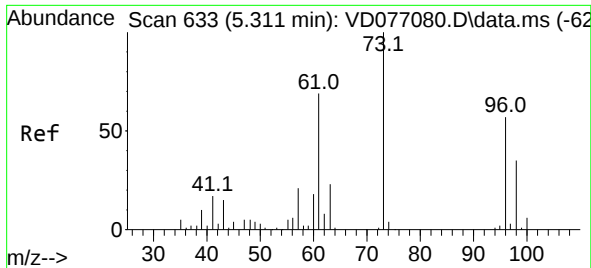
Tgt Ion: 43 Resp: 8148
Ion Ratio Lower Upper
43 100
74 24.2 0.2 0.2#



#16
Methylene chloride
Concen: 4.940 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

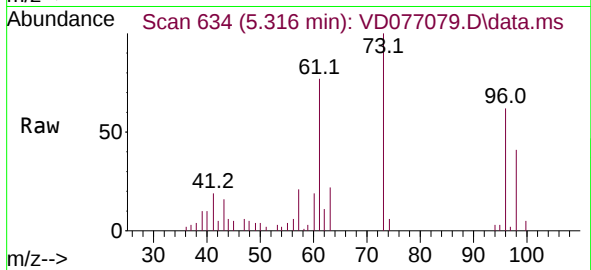
Tgt Ion: 84 Resp: 28970
Ion Ratio Lower Upper
84 100
86 54.6 45.3 84.1
49 103.1 69.2 128.6



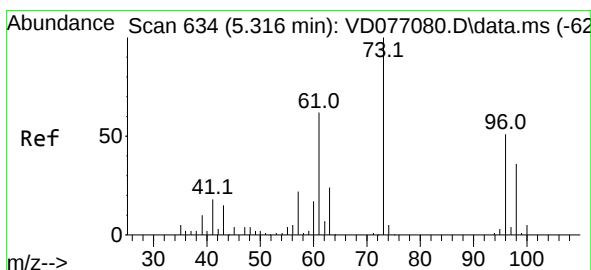
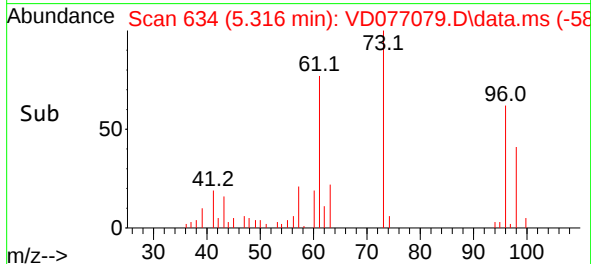
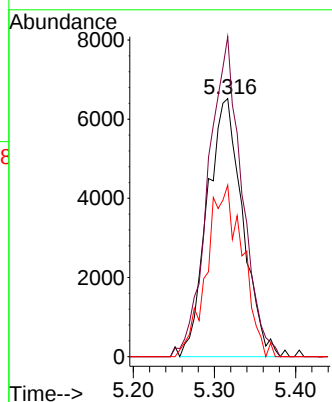


#17
trans-1,2-Dichloroethene
Concen: 4.274 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

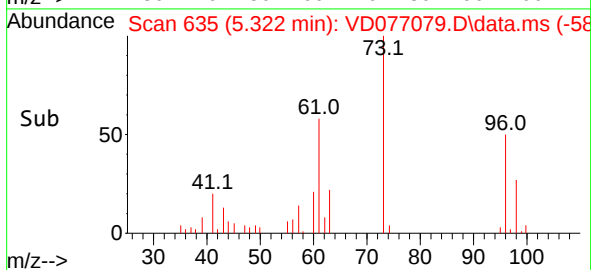
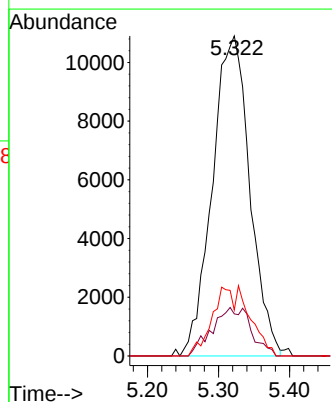
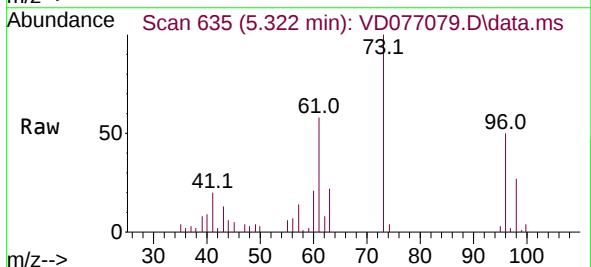


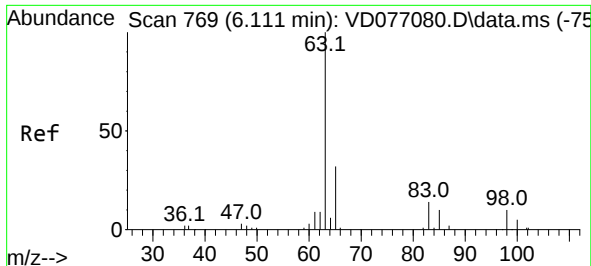
Tgt Ion: 96 Resp: 19730
Ion Ratio Lower Upper
96 100
61 124.0 85.1 158.1
98 66.5 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 3.964 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion: 73 Resp: 39988
Ion Ratio Lower Upper
73 100
43 2.6 12.5 18.7#
57 8.9 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 4.373 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

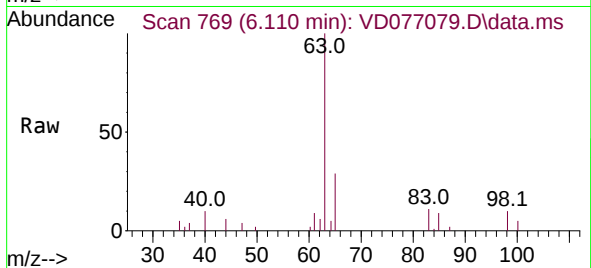
Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :



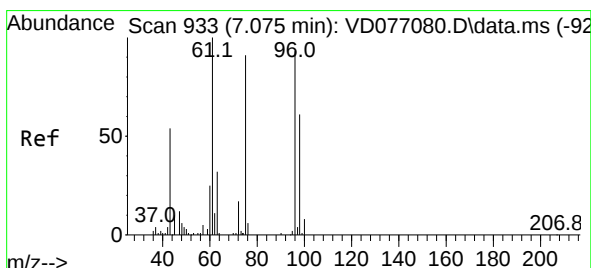
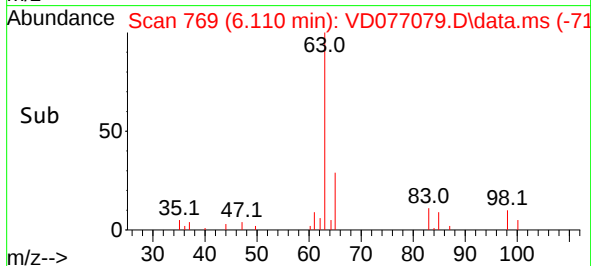
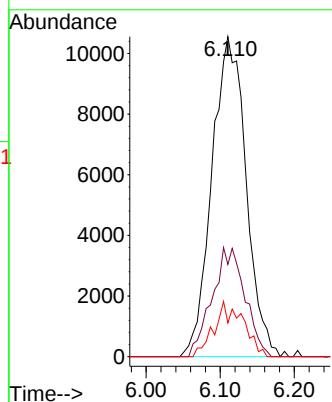
Tgt Ion: 63 Resp: 33829

Ion Ratio Lower Upper

63 100

65 28.8 22.5 41.9

83 10.6 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 3.955 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

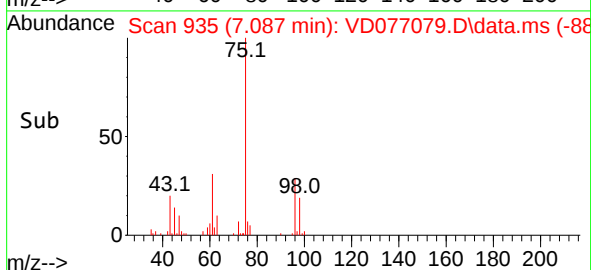
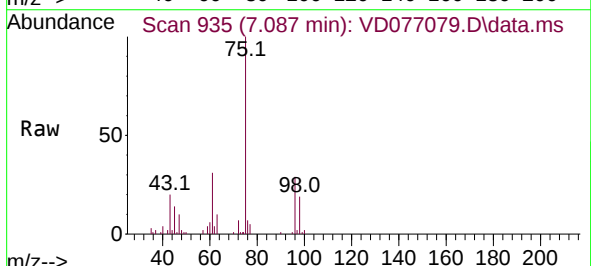
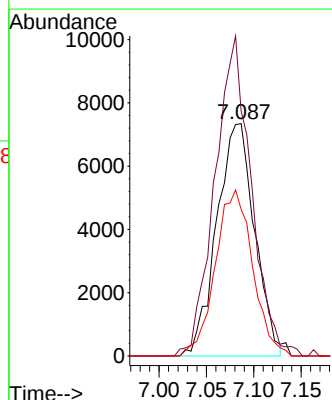
Tgt Ion: 96 Resp: 20489

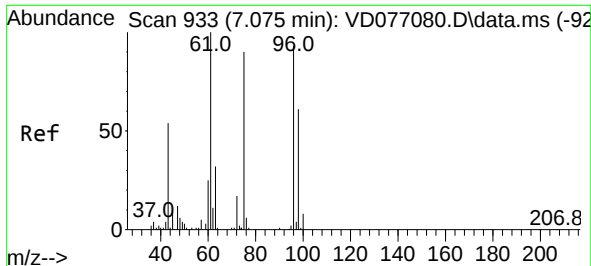
Ion Ratio Lower Upper

96 100

61 105.3 75.5 140.1

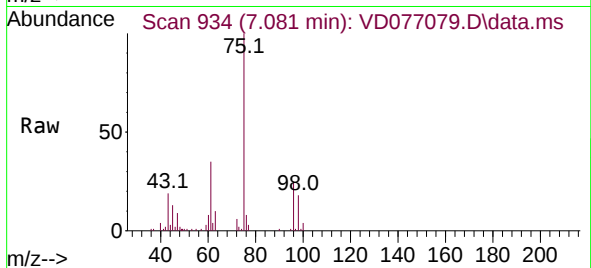
98 63.1 45.8 85.0



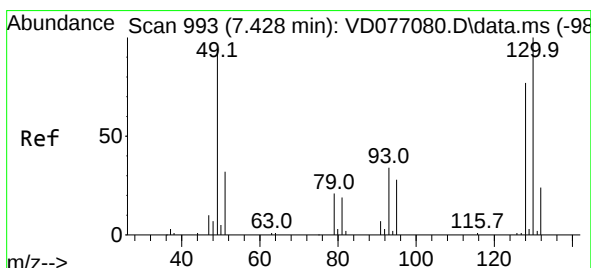
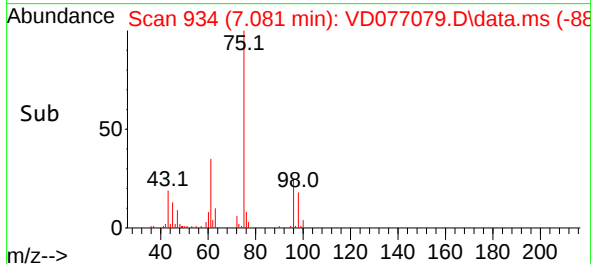
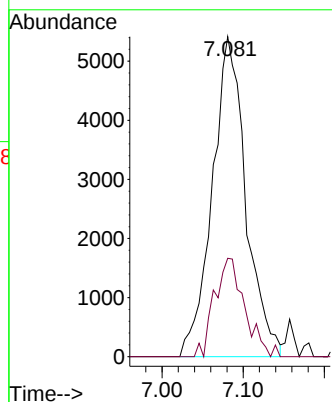


#22
2-Butanone
Concen: 9.040 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

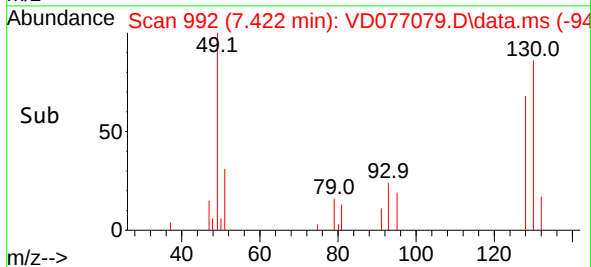
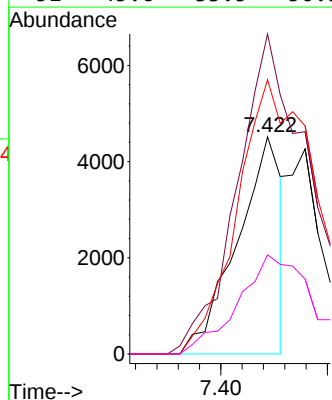
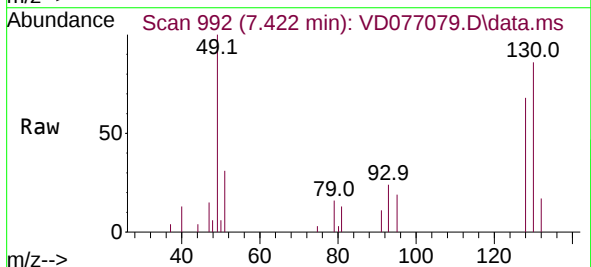


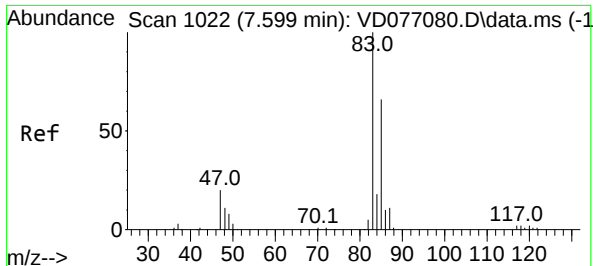
Tgt Ion: 43 Resp: 15561
Ion Ratio Lower Upper
43 100
72 24.4 16.0 48.0



#23
Bromochloromethane
Concen: 2.609 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion: 128 Resp: 6554
Ion Ratio Lower Upper
128 100
49 147.3 86.5 160.6
130 126.3 91.2 169.4
51 45.6 33.5 50.3





#25

Chloroform

Concen: 4.437 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

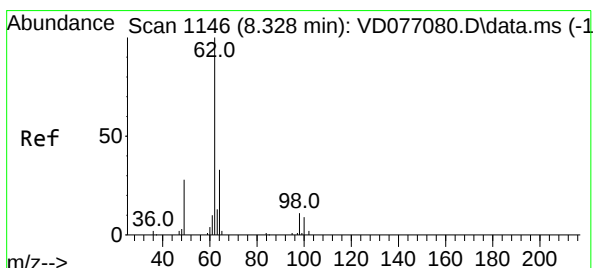
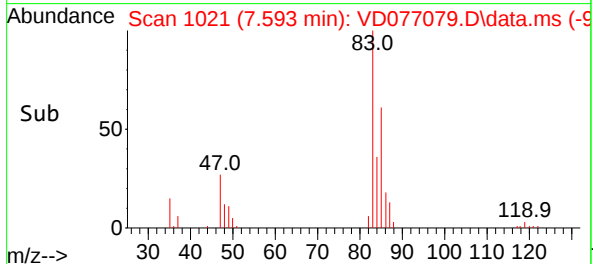
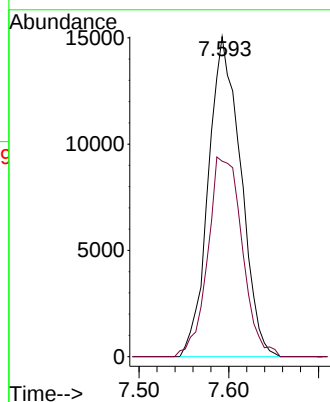
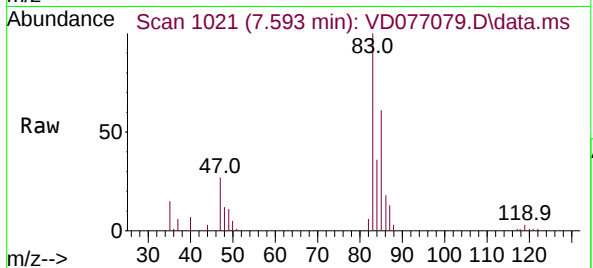
ClientSampleId :

Tgt Ion: 83 Resp: 37688

Ion Ratio Lower Upper

83 100

85 61.1 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.328 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077079.D

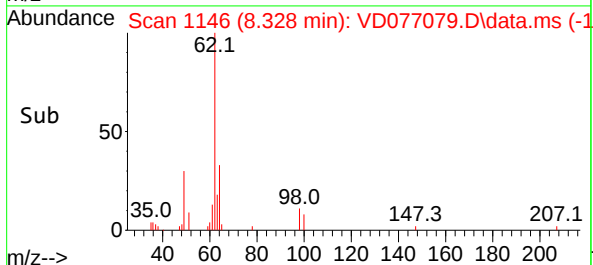
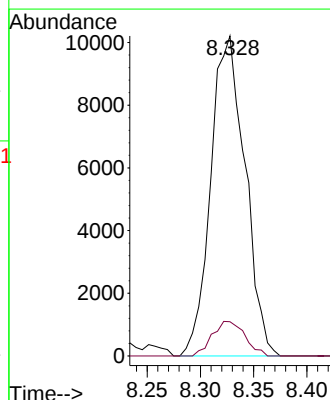
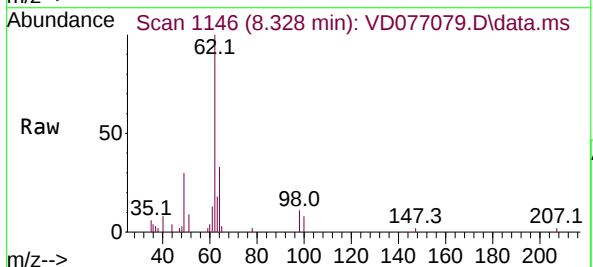
Acq: 01 Sep 2023 10:51

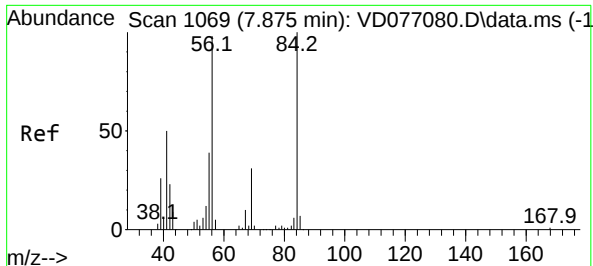
Tgt Ion: 62 Resp: 22865

Ion Ratio Lower Upper

62 100

98 10.7 9.0 13.4





#29

Cyclohexane

Concen: 3.884 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

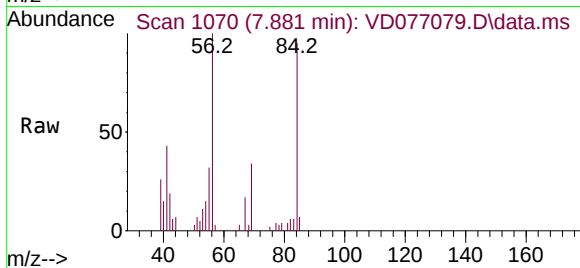
Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :



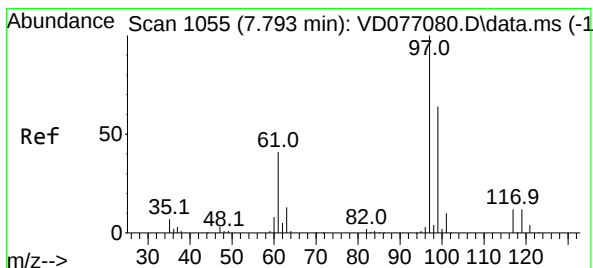
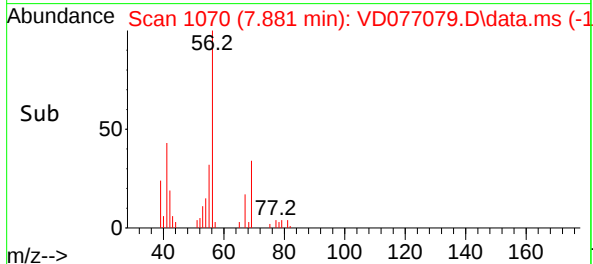
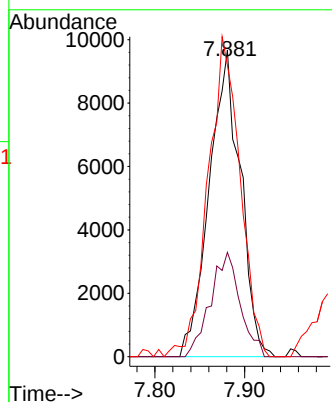
Tgt Ion: 56 Resp: 23312

Ion Ratio Lower Upper

56 100

69 32.4 25.5 38.3

84 105.7 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 4.458 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

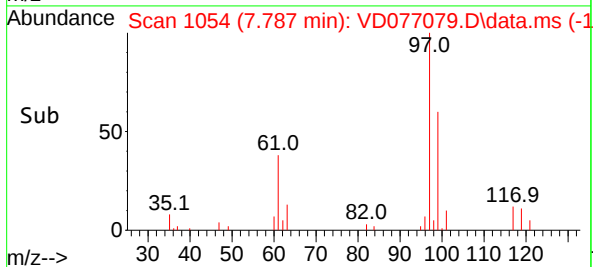
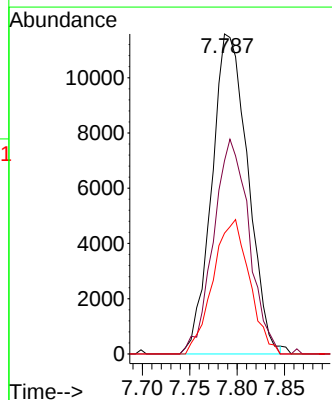
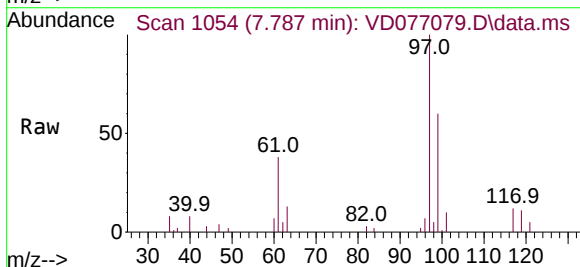
Tgt Ion: 97 Resp: 30715

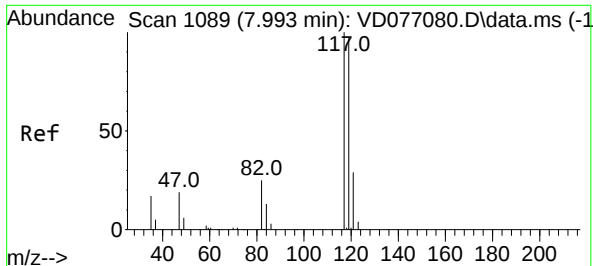
Ion Ratio Lower Upper

97 100

99 66.1 50.7 76.1

61 42.4 32.6 48.8

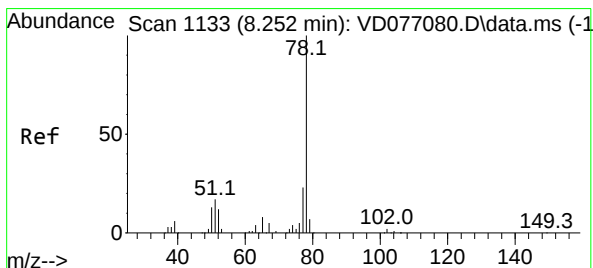
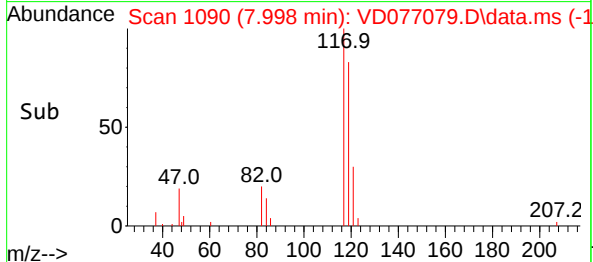
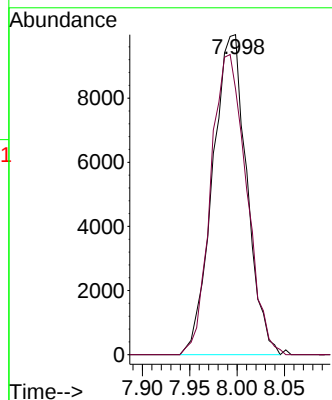
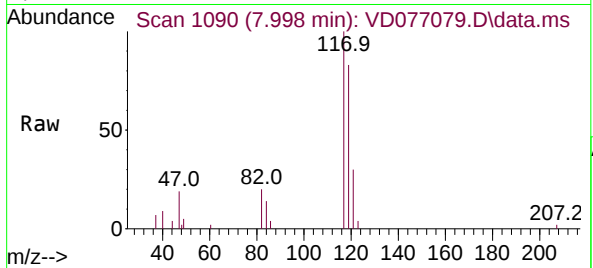




#31
Carbon tetrachloride
Concen: 4.412 ug/L
RT: 7.998 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

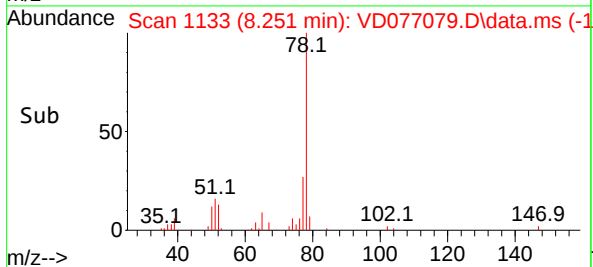
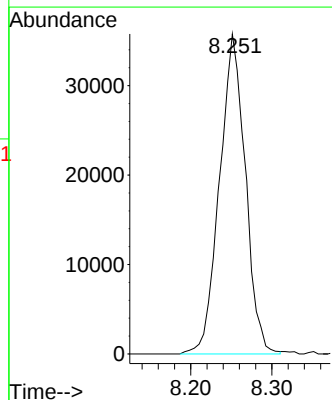
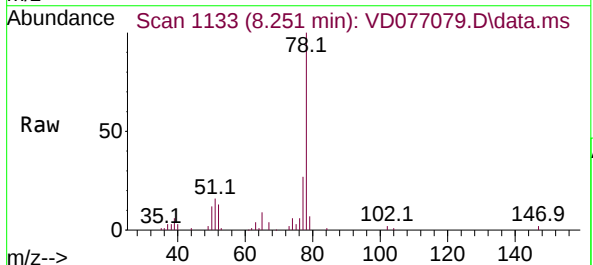
Instrument :
MSVOA_D
ClientSampleId :

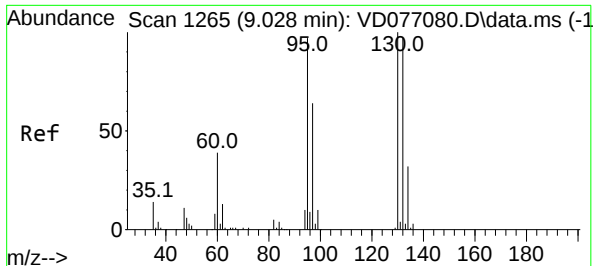
Tgt Ion:117 Resp: 25029
Ion Ratio Lower Upper
117 100
119 97.6 76.2 114.4



#33
Benzene
Concen: 4.378 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion: 78 Resp: 79039

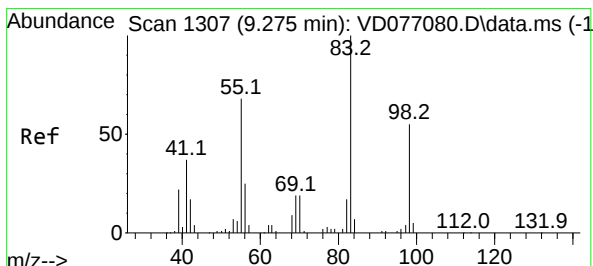
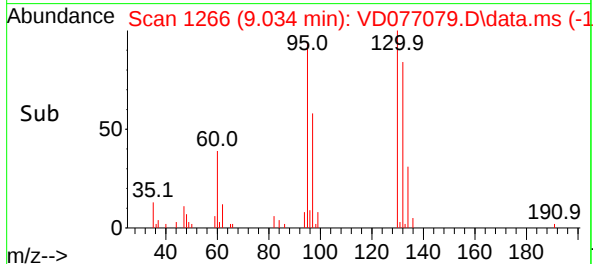
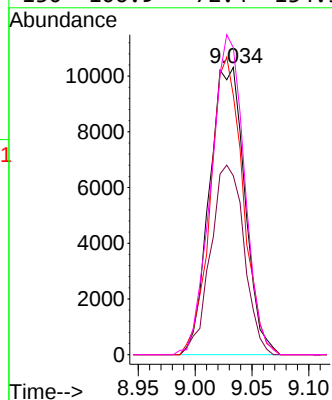
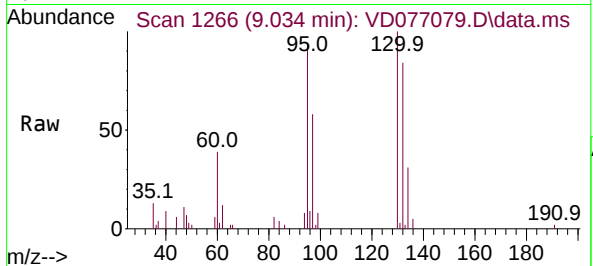




#34
Trichloroethene
Concen: 4.718 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

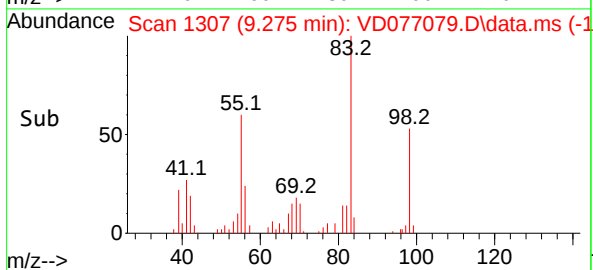
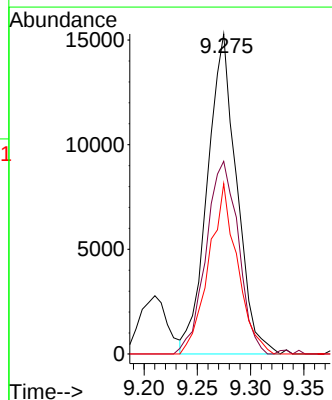
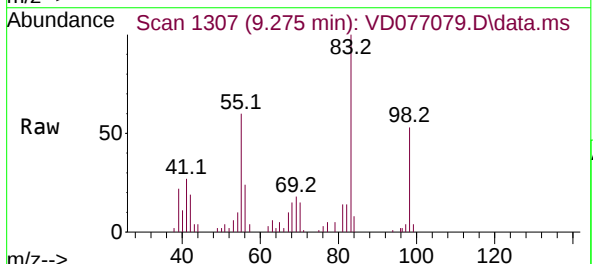
Instrument :
MSVOA_D
ClientSampleId :

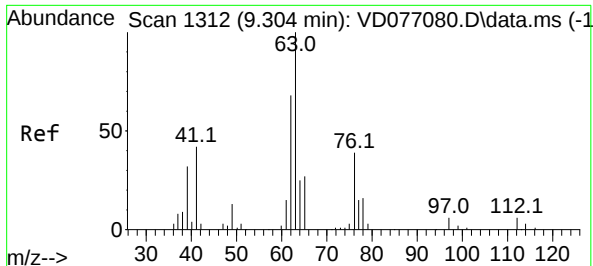
Tgt Ion: 95 Resp: 22270
Ion Ratio Lower Upper
95 100
97 62.3 46.4 86.2
132 90.3 70.1 130.1
130 106.9 72.4 134.5



#35
Methylcyclohexane
Concen: 3.833 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion: 83 Resp: 29184
Ion Ratio Lower Upper
83 100
55 66.5 51.5 77.3
98 52.0 40.7 61.1





#37

1,2-Dichloropropane

Concen: 4.214 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

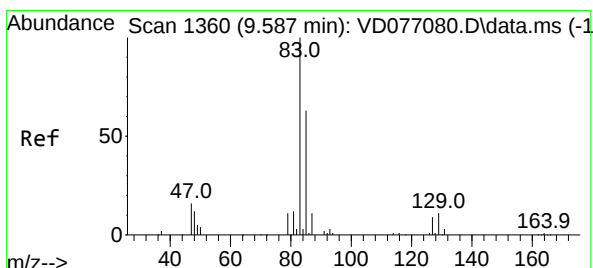
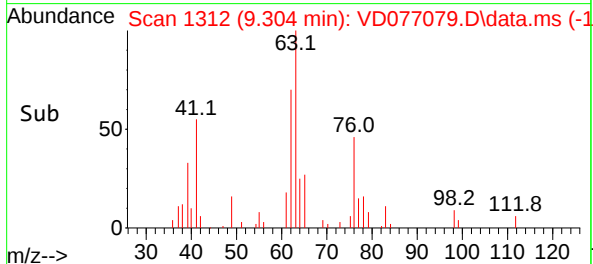
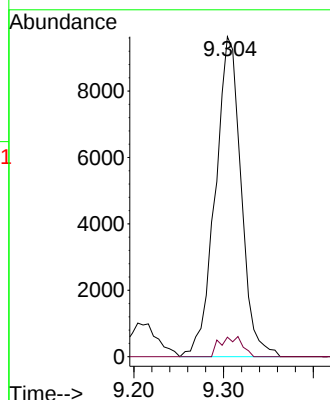
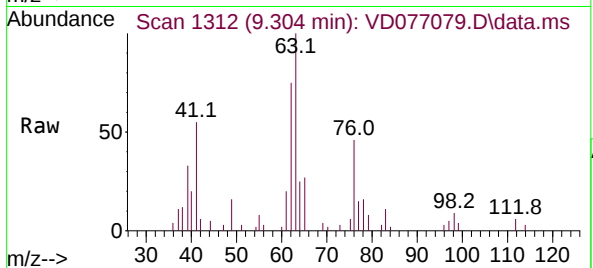
ClientSampleId :

Tgt Ion: 63 Resp: 19258

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 4.715 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

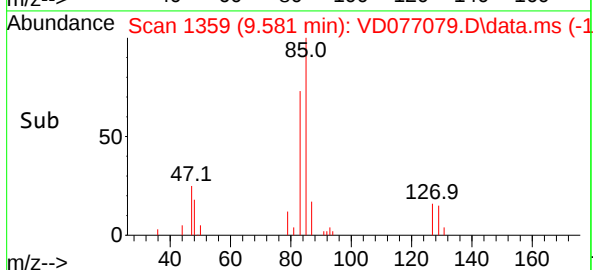
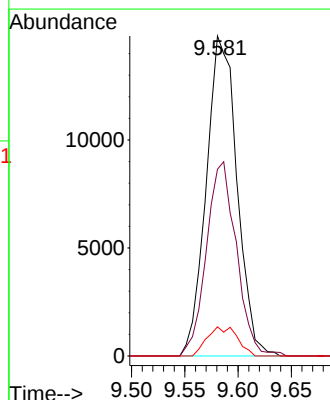
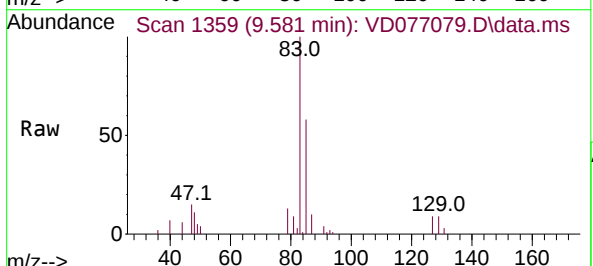
Tgt Ion: 83 Resp: 29713

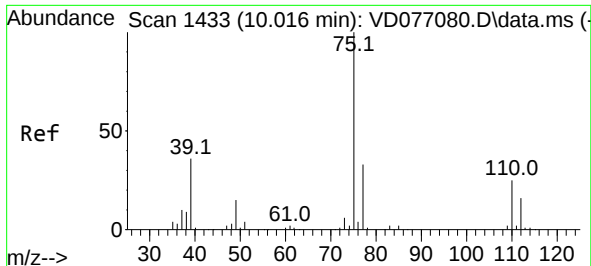
Ion Ratio Lower Upper

83 100

85 58.3 44.0 81.6

127 9.1 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.207 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

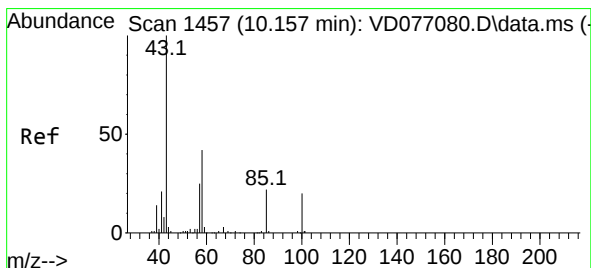
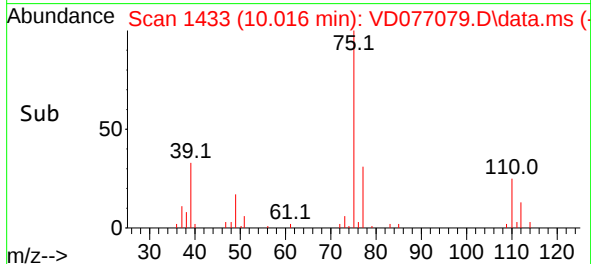
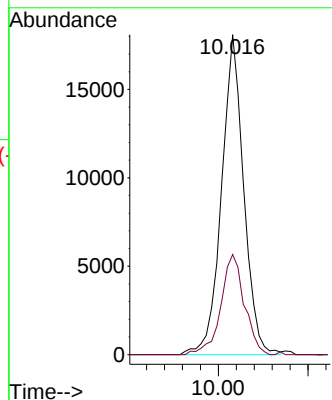
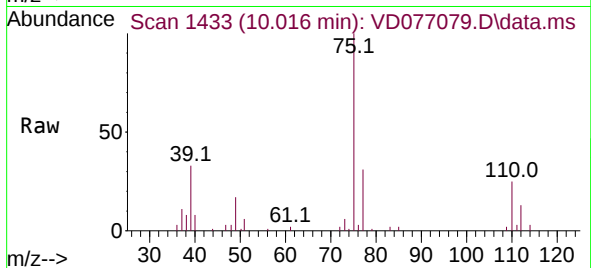
ClientSampleId :

Tgt Ion: 75 Resp: 31028

Ion Ratio Lower Upper

75 100

77 31.3 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 7.525 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

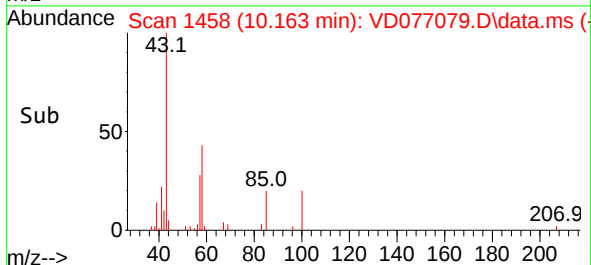
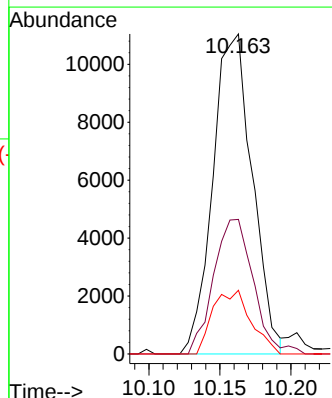
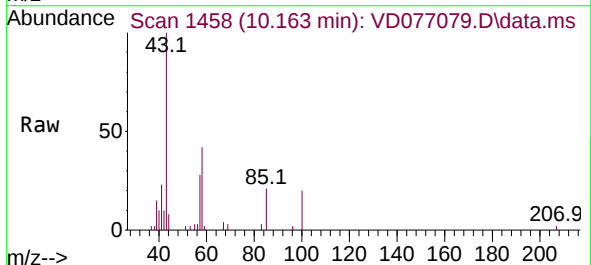
Tgt Ion: 43 Resp: 21352

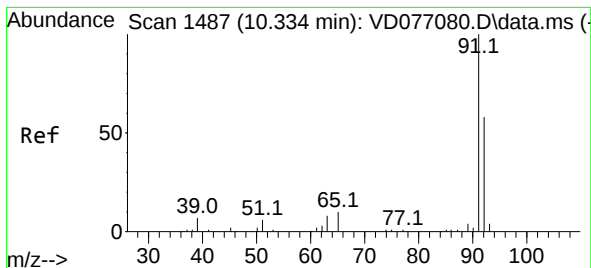
Ion Ratio Lower Upper

43 100

58 41.6 34.6 51.8

100 19.3 16.2 24.4





#42

Toluene

Concen: 4.212 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

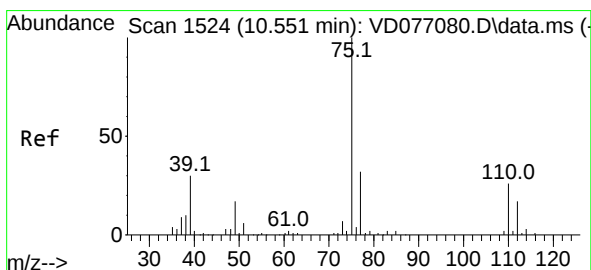
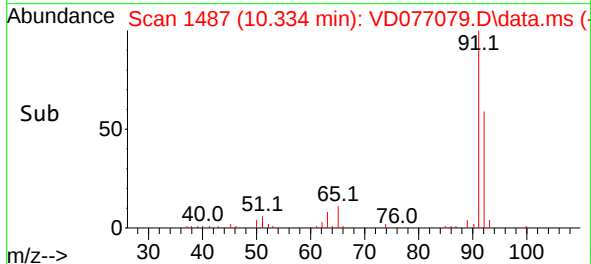
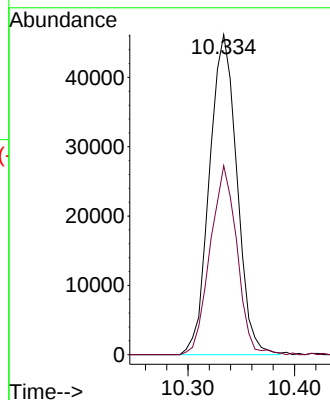
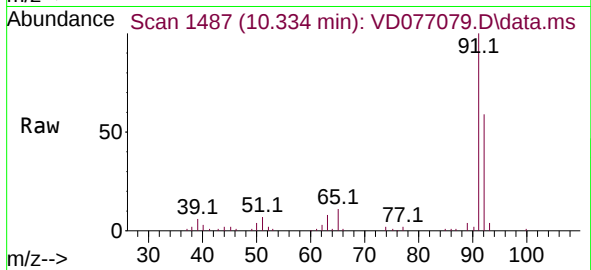
ClientSampleId :

Tgt Ion: 91 Resp: 82657

Ion Ratio Lower Upper

91 100

92 59.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 3.997 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD077079.D

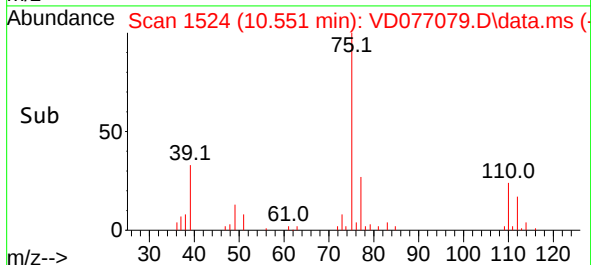
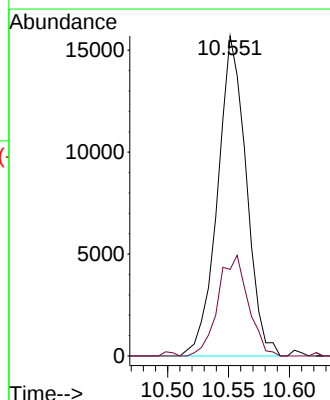
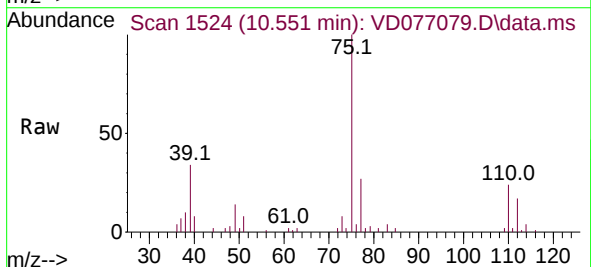
Acq: 01 Sep 2023 10:51

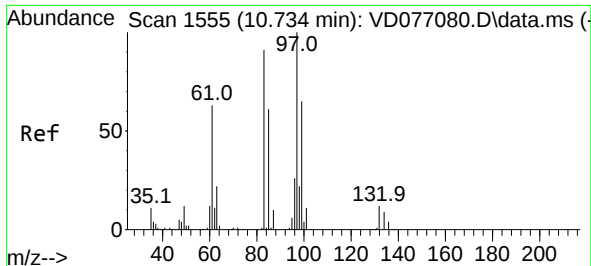
Tgt Ion: 75 Resp: 25713

Ion Ratio Lower Upper

75 100

77 27.0 22.5 41.9

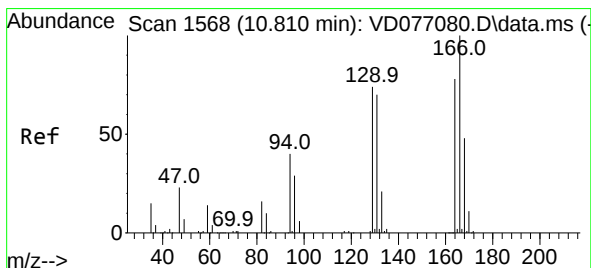
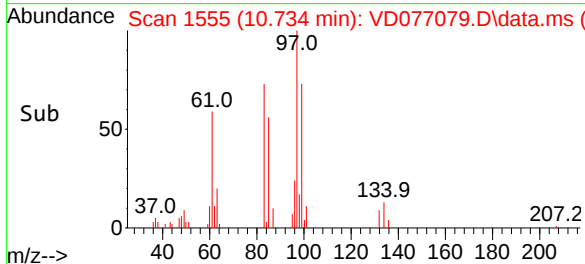
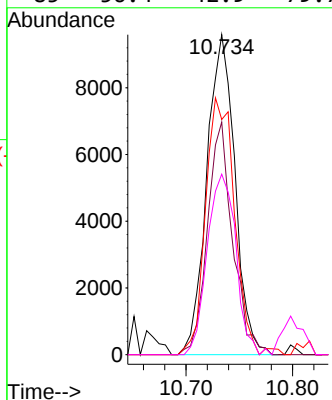
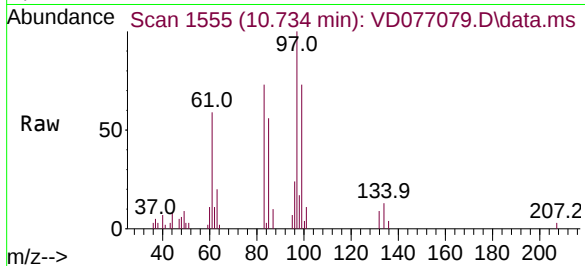




#45
1,1,2-Trichloroethane
Concen: 4.378 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

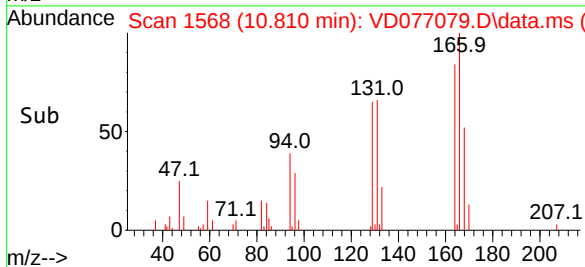
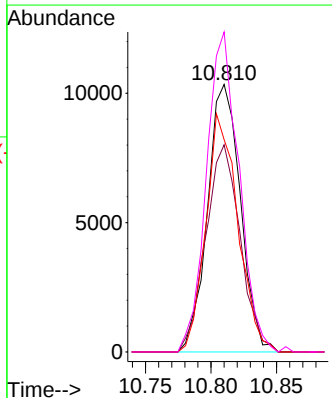
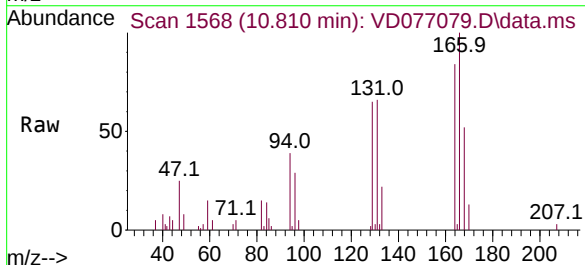
Instrument :
MSVOA_D
ClientSampleId :

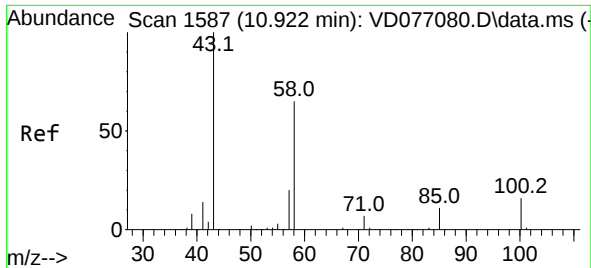
Tgt Ion: 97	Resp: 17565
Ion Ratio	Lower Upper
97 100	
99 72.7	46.1 85.5
83 73.5	64.3 119.3
85 56.4	42.9 79.7



#46
Tetrachloroethene
Concen: 5.030 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

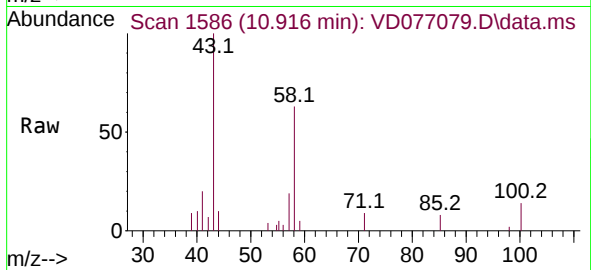
Tgt Ion:164	Resp: 18064
Ion Ratio	Lower Upper
164 100	
129 77.4	66.4 123.4
131 79.3	62.6 116.3
166 119.6	89.6 166.4



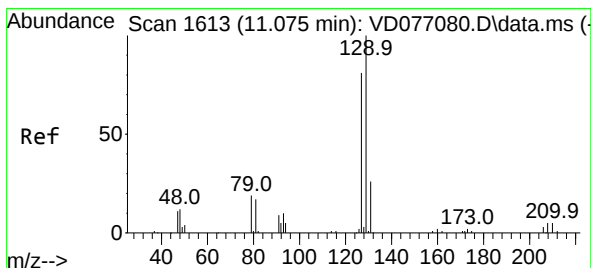
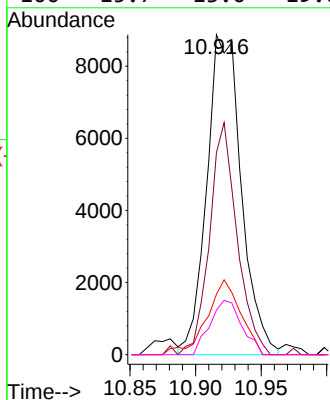
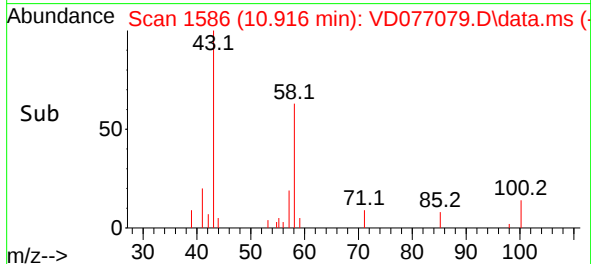


#48
2-Hexanone
Concen: 7.473 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

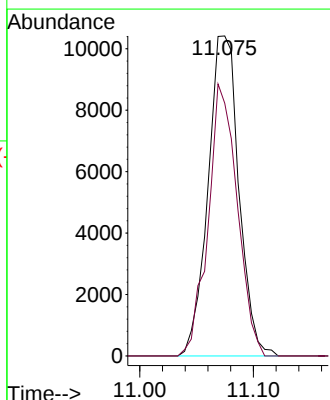
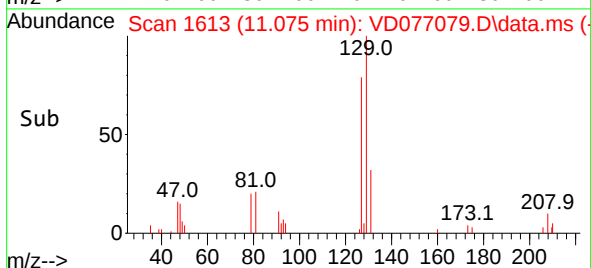
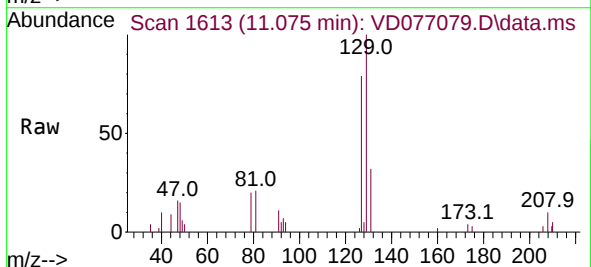


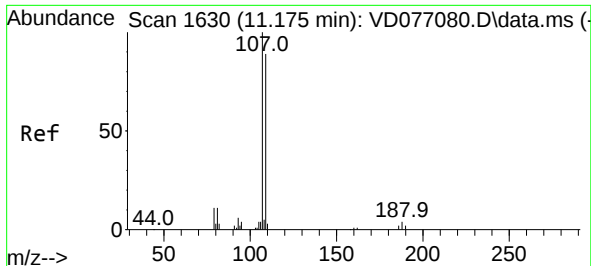
Tgt Ion: 43	Resp: 16249
Ion Ratio	Lower Upper
43 100	
58 57.7	50.6 75.8
57 21.8	16.6 24.8
100 15.7	13.0 19.6



#49
Dibromochloromethane
Concen: 4.333 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion:129	Resp:	19703	
Ion	Ratio	Lower	Upper
129	100		
127	79.0	56.6	105.2





#50

1,2-Dibromoethane

Concen: 4.215 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

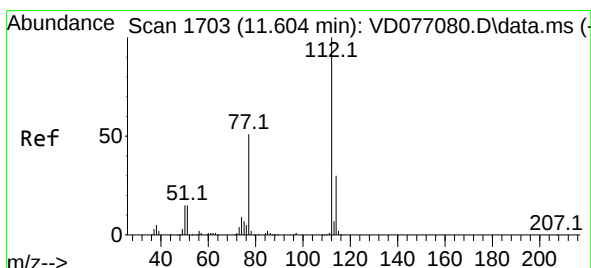
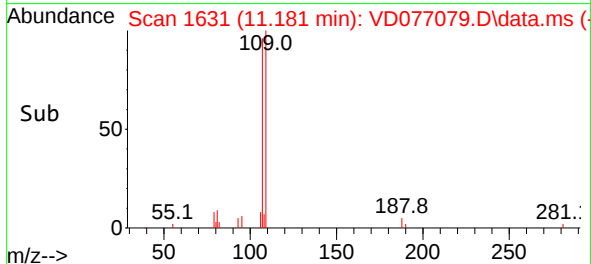
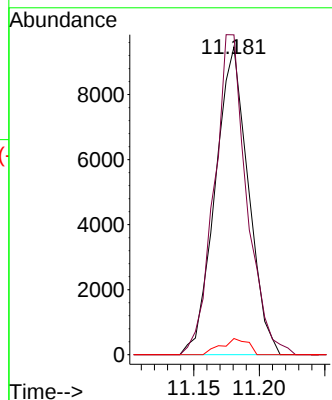
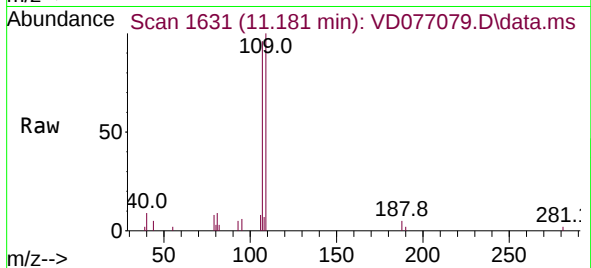
Tgt Ion:107 Resp: 16622

Ion Ratio Lower Upper

107 100

109 103.9 62.4 116.0

188 5.2 3.0 4.4#



#51

Chlorobenzene

Concen: 4.427 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

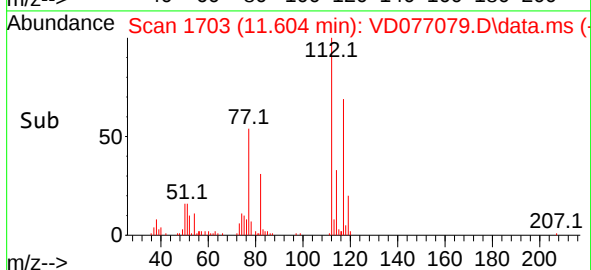
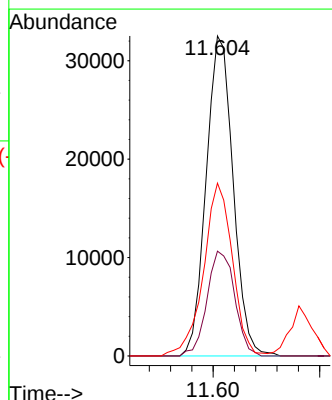
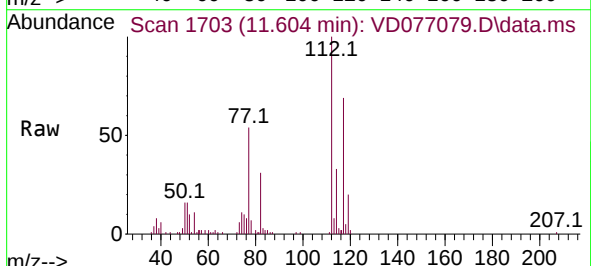
Tgt Ion:112 Resp: 57174

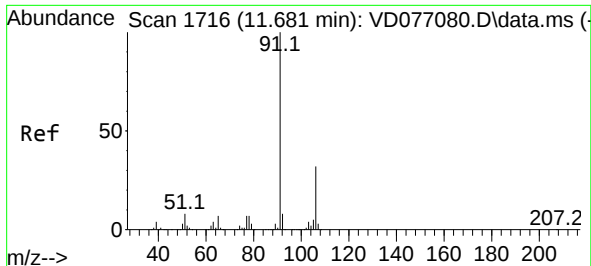
Ion Ratio Lower Upper

112 100

114 32.8 21.0 39.0

77 54.0 41.0 61.4

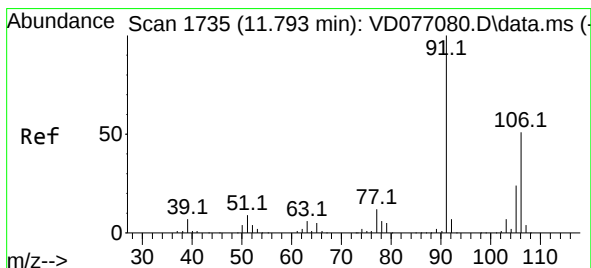
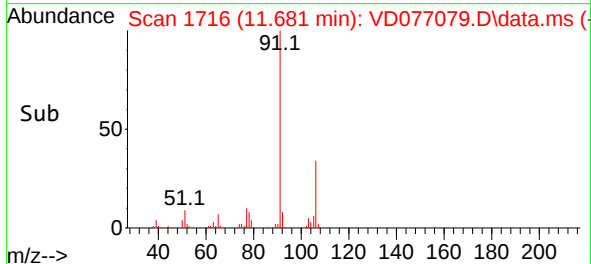
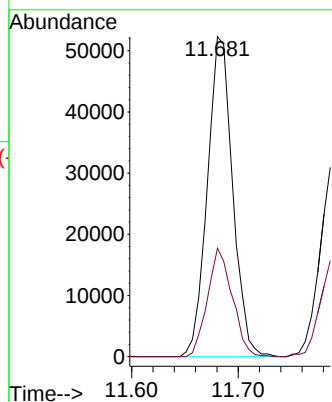
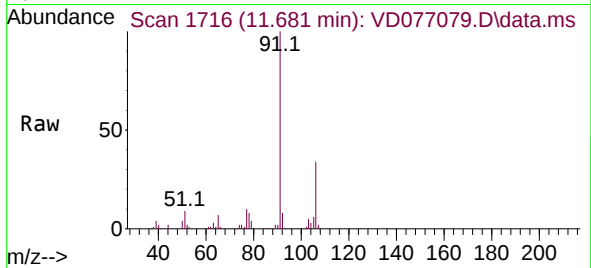




#52
Ethylbenzene
Concen: 4.117 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

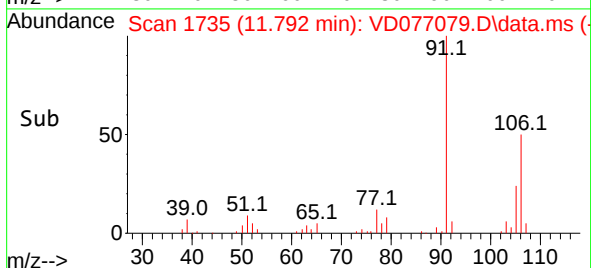
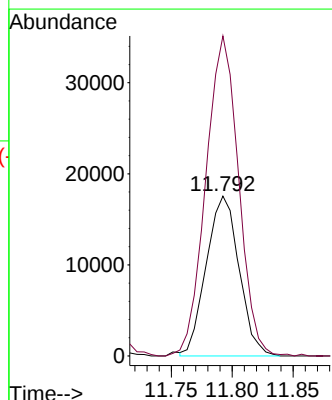
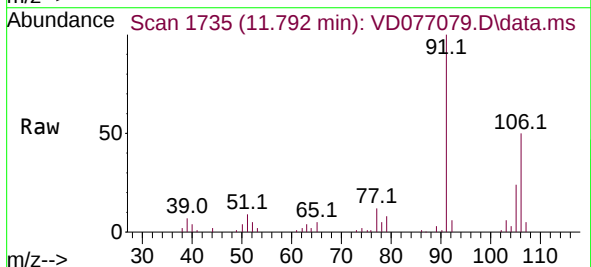
Instrument :
MSVOA_D
ClientSampleId :

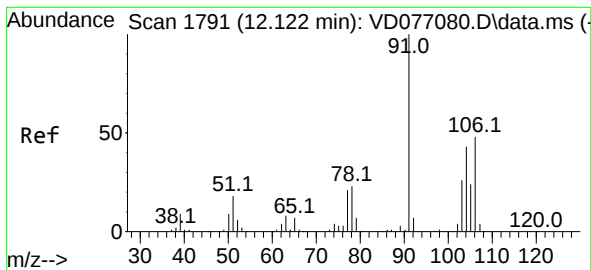
Tgt Ion: 91 Resp: 86281
Ion Ratio Lower Upper
91 100
106 33.9 22.1 41.1



#53
m,p-Xylene
Concen: 4.052 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion: 106 Resp: 32880
Ion Ratio Lower Upper
106 100
91 200.2 138.2 256.6





#54

o-Xylene

Concen: 4.019 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

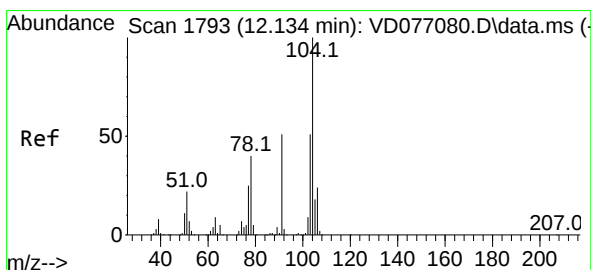
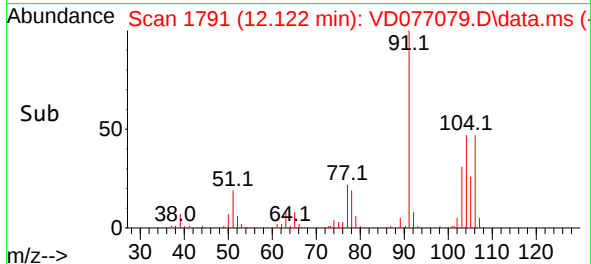
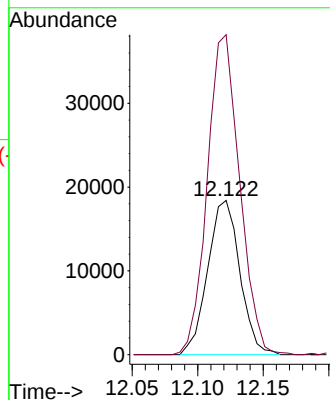
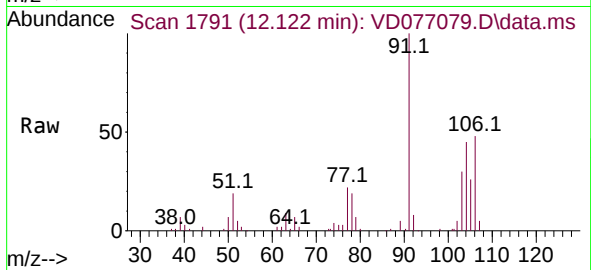
ClientSampleId :

Tgt Ion:106 Resp: 31378

Ion Ratio Lower Upper

106 100

91 207.6 146.9 272.7



#55

Styrene

Concen: 3.933 ug/L

RT: 12.133 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD077079.D

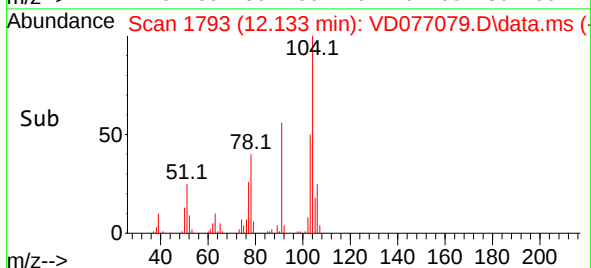
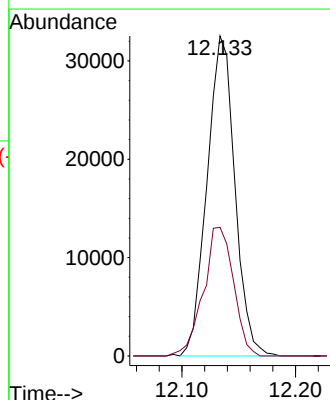
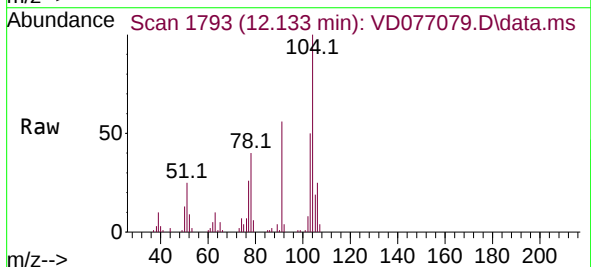
Acq: 01 Sep 2023 10:51

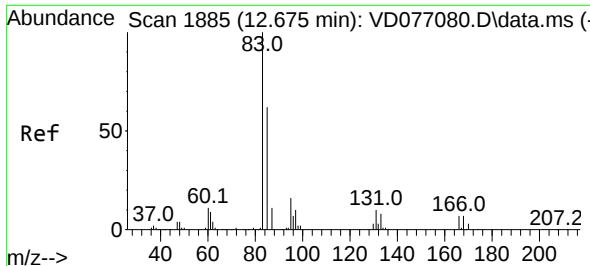
Tgt Ion:104 Resp: 55426

Ion Ratio Lower Upper

104 100

78 40.2 27.8 51.6

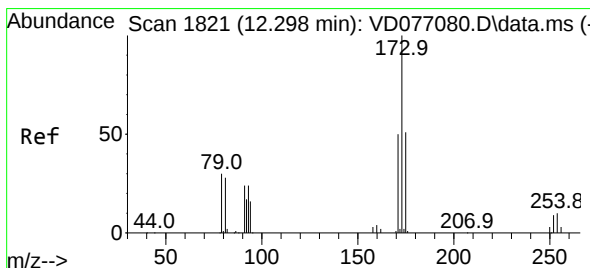
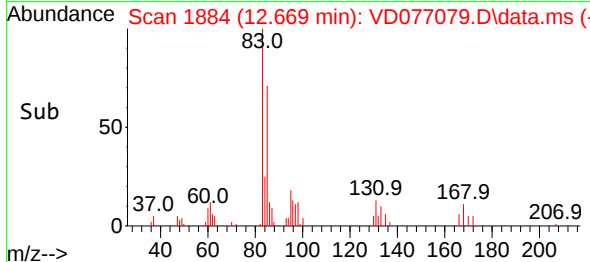
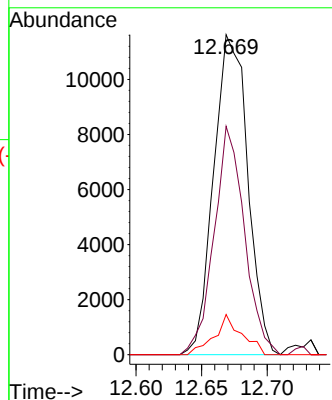
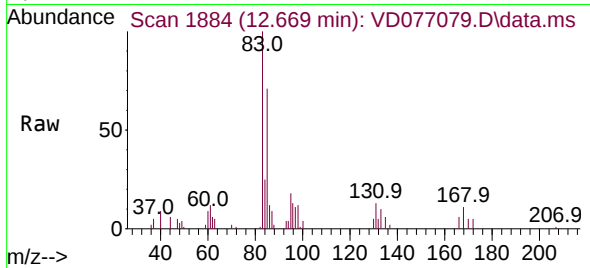




#57
1,1,2,2-Tetrachloroethane
Concen: 4.244 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

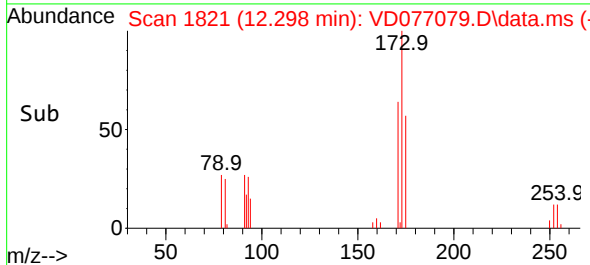
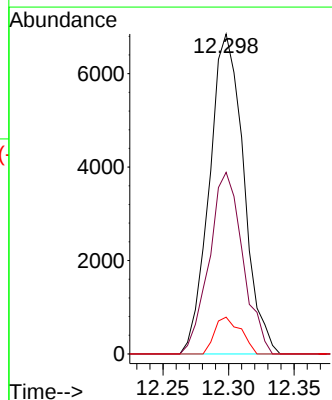
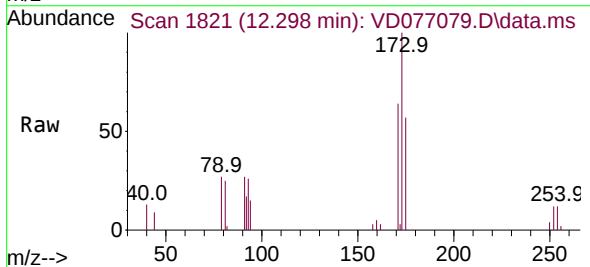
Instrument :
MSVOA_D
ClientSampleId :

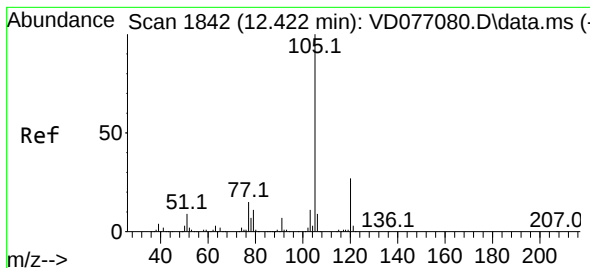
Tgt Ion: 83 Resp: 20989
Ion Ratio Lower Upper
83 100
85 71.3 43.6 81.0
131 12.5 7.8 11.8#



#59
Bromoform
Concen: 4.589 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion: 173 Resp: 12427
Ion Ratio Lower Upper
173 100
175 55.8 38.7 58.1
254 8.8 7.0 10.6





#60

Isopropylbenzene

Concen: 4.223 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077079.D

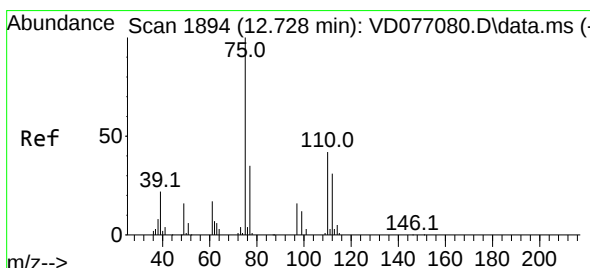
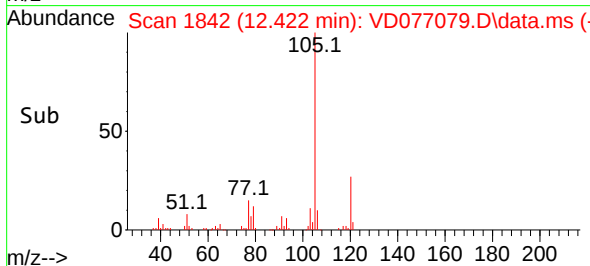
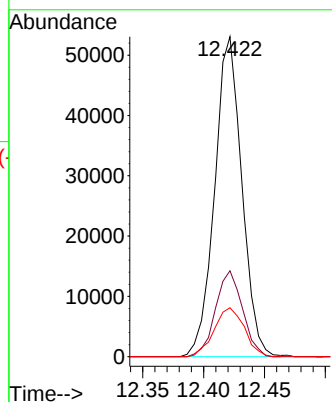
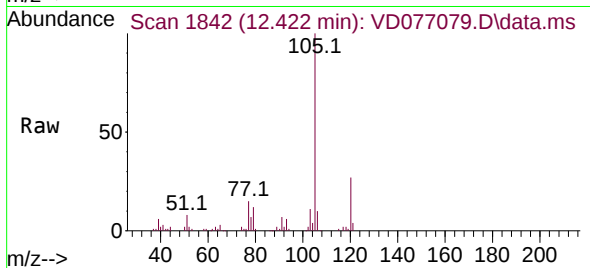
Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	82403
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.6
77	17.0	11.9	17.9



#61

1,2,3-Trichloropropane

Concen: 4.660 ug/L

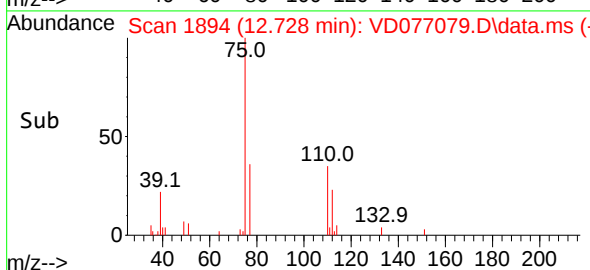
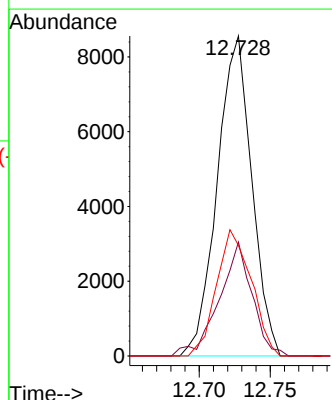
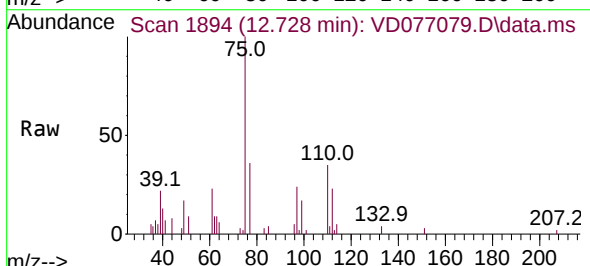
RT: 12.728 min Scan# 1894

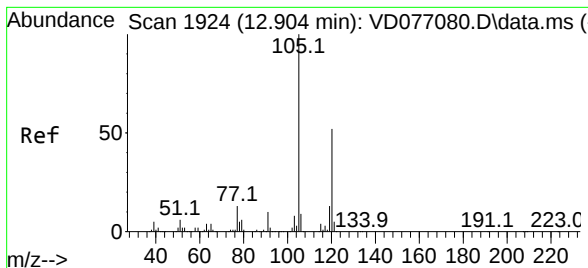
Delta R.T. -0.000 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Tgt Ion:	75	Resp:	14464
Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.6	40.0
110	39.8	33.6	50.4

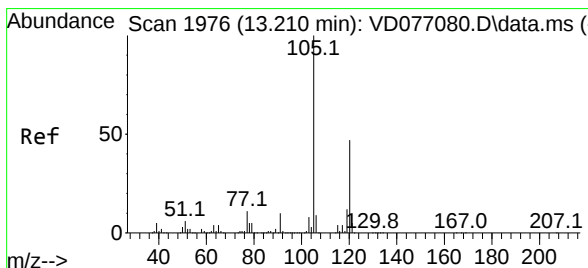
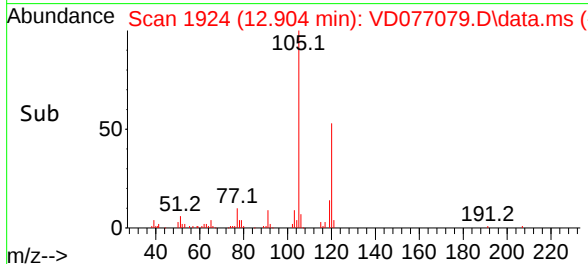
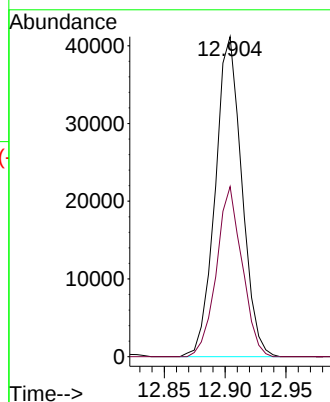
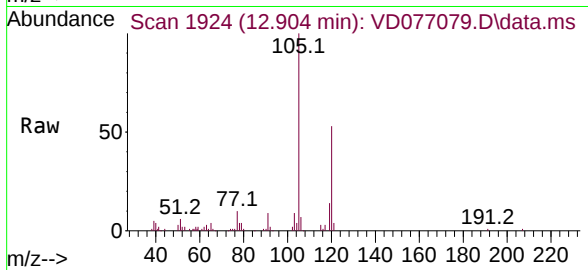




#62
1,3,5-Trimethylbenzene
Concen: 4.188 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

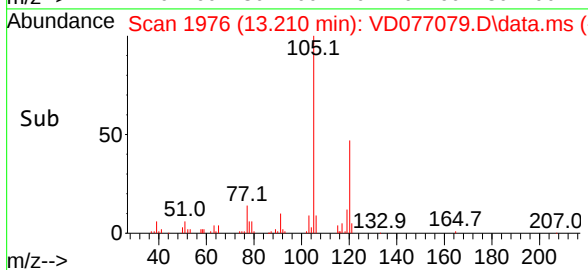
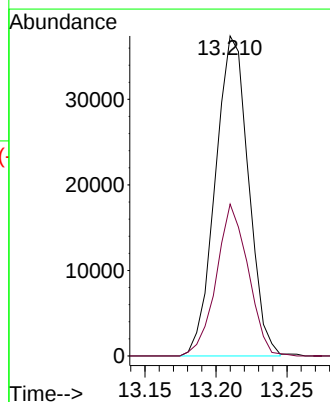
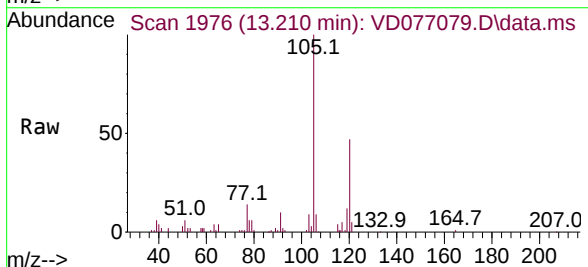
Instrument :
MSVOA_D
ClientSampleId :

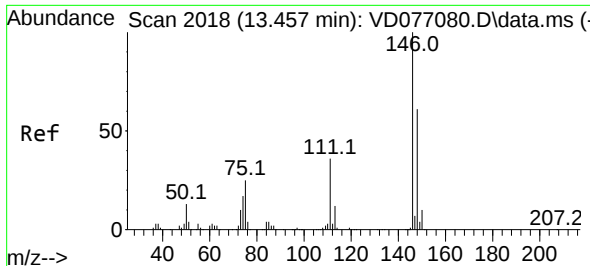
Tgt Ion:105 Resp: 62519
Ion Ratio Lower Upper
105 100
120 51.3 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 4.100 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion:105 Resp: 60675
Ion Ratio Lower Upper
105 100
120 45.6 37.8 56.8

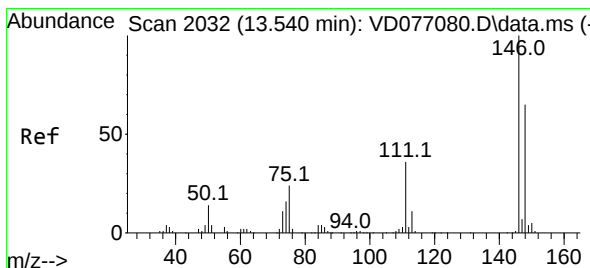
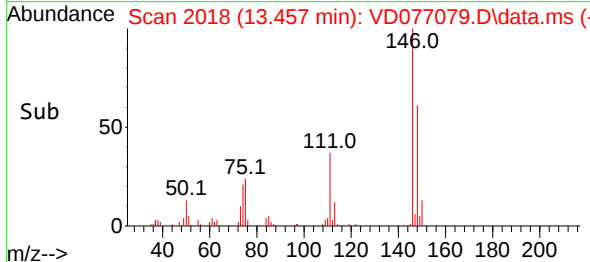
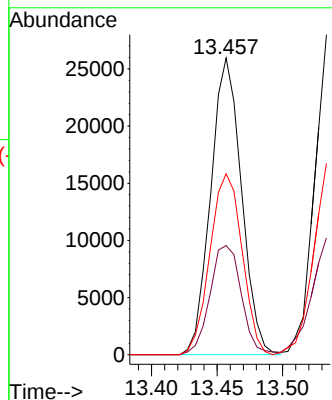
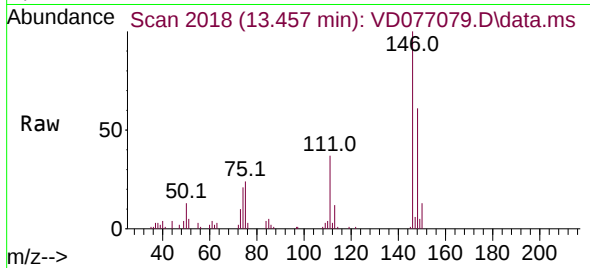




#64
1,3-Dichlorobenzene
Concen: 4.720 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

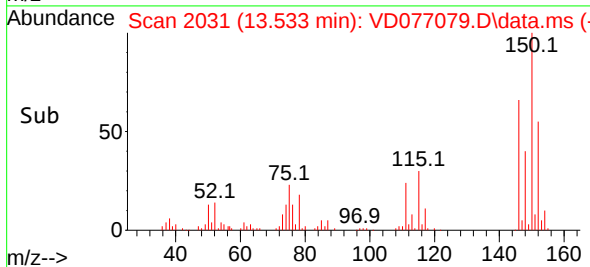
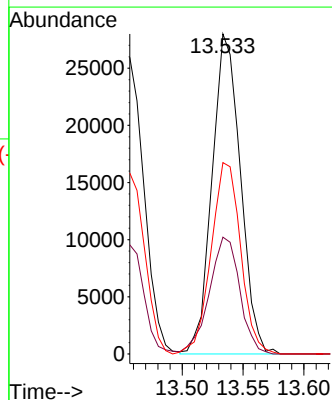
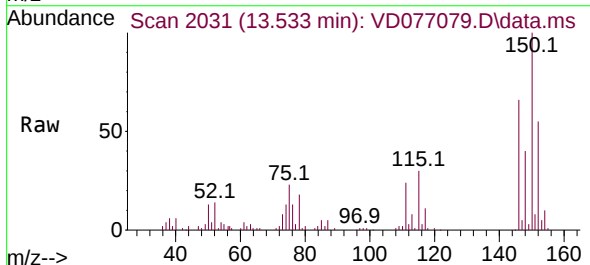
Instrument :
MSVOA_D
ClientSampleId :

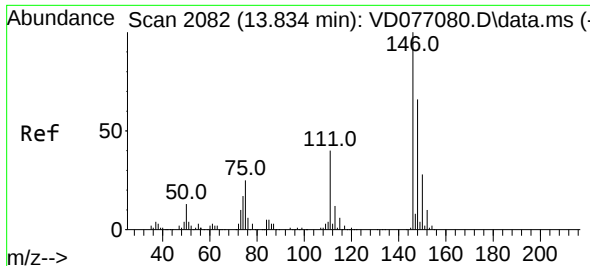
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	25.2	46.8
148	61.0	42.7	79.3



#65
1,4-Dichlorobenzene
Concen: 4.912 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	25.5	47.3
148	59.8	45.5	84.5

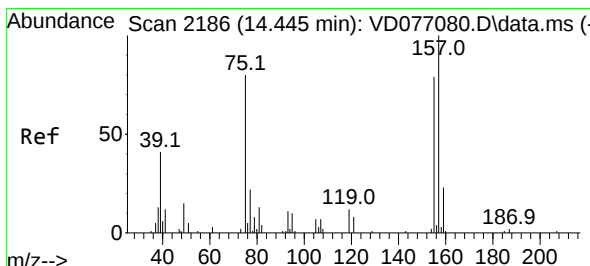
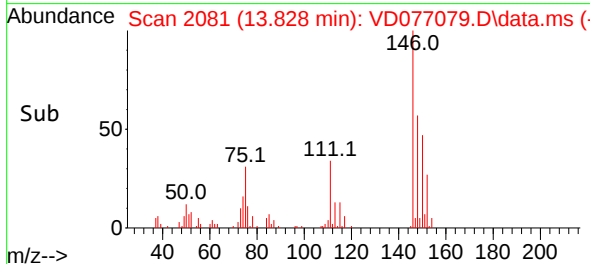
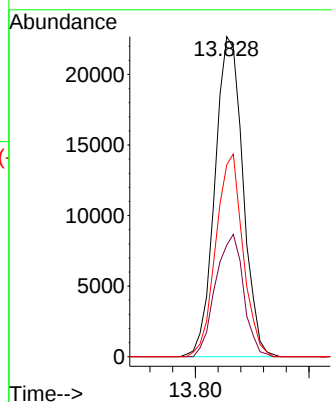
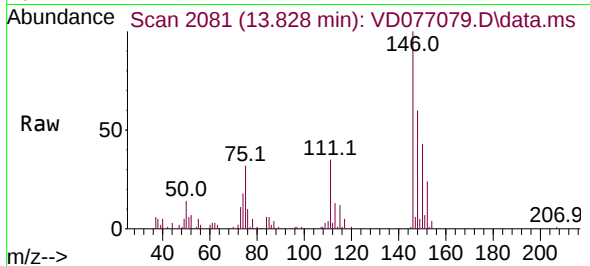




#67
1,2-Dichlorobenzene
Concen: 4.637 ug/L
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

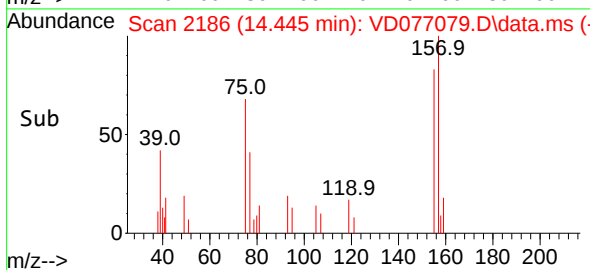
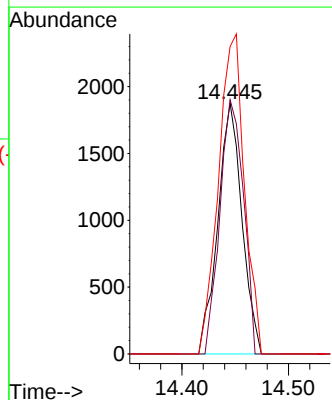
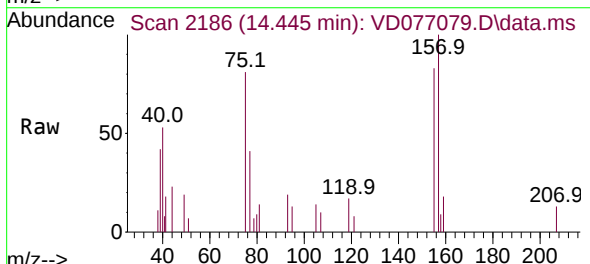
Instrument :
MSVOA_D
ClientSampleId :

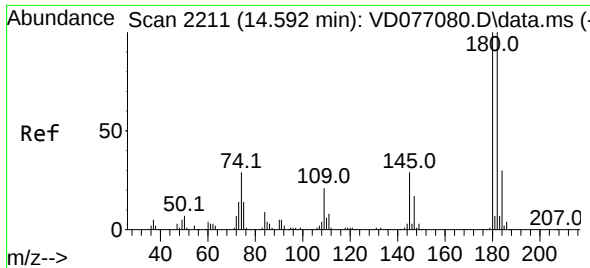
Tgt Ion:146 Resp: 38885
Ion Ratio Lower Upper
146 100
111 34.9 31.8 47.6
148 59.9 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.106 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD077079.D
Acq: 01 Sep 2023 10:51

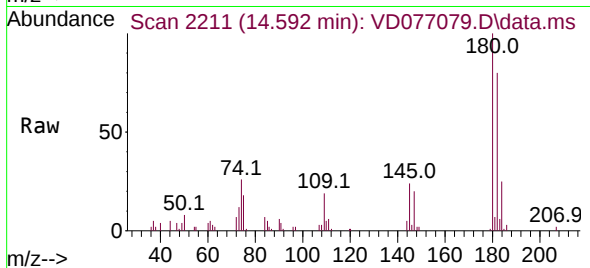
Tgt Ion: 75 Resp: 2951
Ion Ratio Lower Upper
75 100
155 101.5 79.0 118.6
157 122.8 100.2 150.4



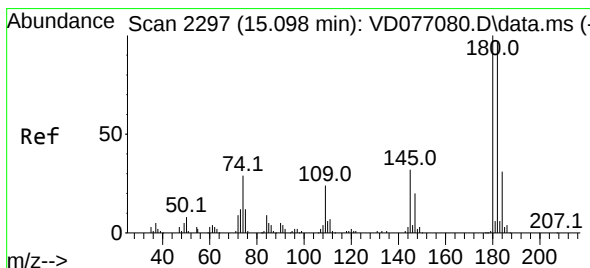
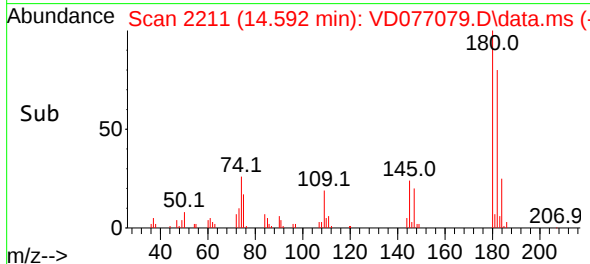
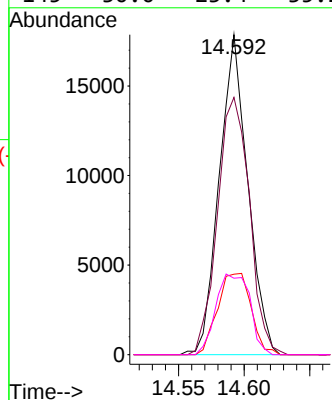


#69
 1,3,5-Trichlorobenzene
 Concen: 4.788 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

Instrument :
 MSVOA_D
 ClientSampleId :

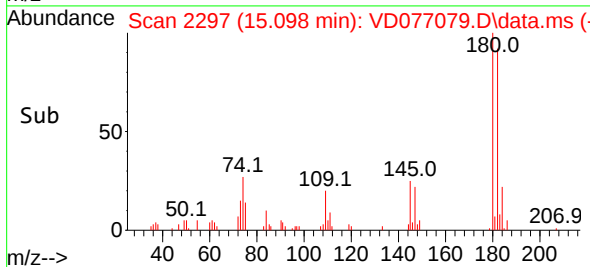
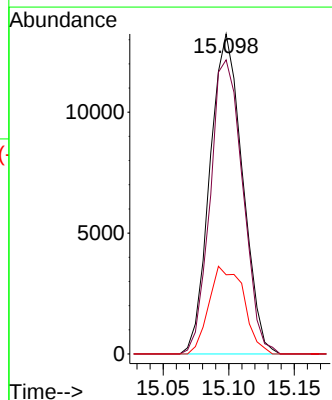
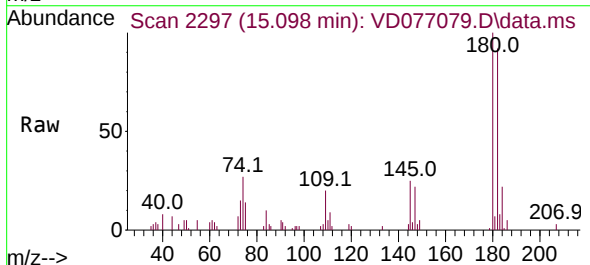


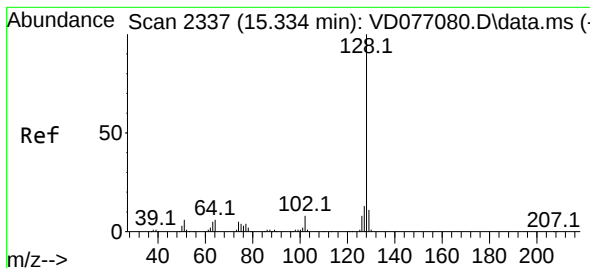
Tgt Ion:180 Resp: 26992
 Ion Ratio Lower Upper
 180 100
 182 90.2 77.0 115.4
 184 29.9 24.2 36.2
 145 30.0 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.631 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD077079.D
 Acq: 01 Sep 2023 10:51

Tgt Ion:180 Resp: 22900
 Ion Ratio Lower Upper
 180 100
 182 91.6 76.3 114.5
 145 29.2 23.8 35.8





#71

Naphthalene

Concen: 3.791 ug/L

RT: 15.327 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077079.D

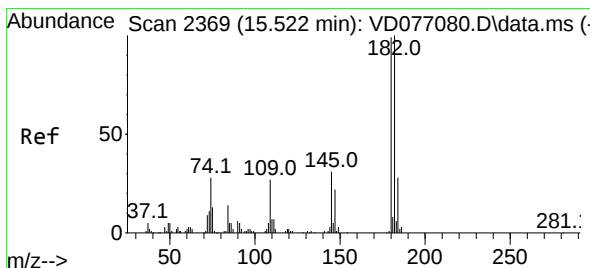
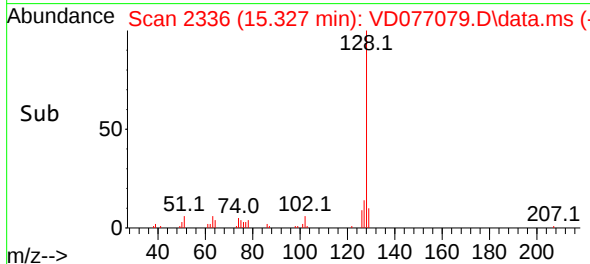
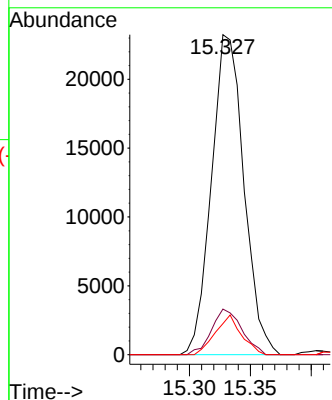
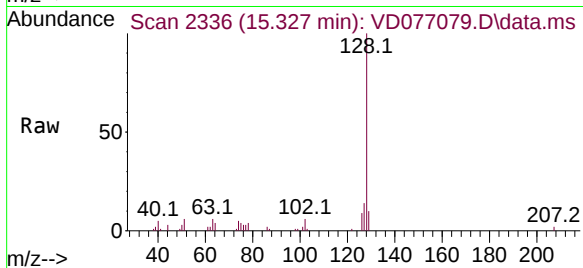
Acq: 01 Sep 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	42999
Ion	Ratio	Lower Upper
128	100	
127	13.3	10.6 16.0
129	9.9	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.850 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077079.D

Acq: 01 Sep 2023 10:51

Tgt Ion:180	Resp:	21684
Ion	Ratio	Lower Upper
180	100	
182	97.0	76.6 115.0
145	30.3	25.4 38.2

