

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077551.D
 Acq On : 13 Nov 2023 16:30
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 00:42:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	341328	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	313908	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	150730	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	176329	20.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
7) Chloroethane-d5	2.810	69	148894	21.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	3.922	65	33333	12.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.640%
21) 2-Butanone-d5	6.987	46	84686	56.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.660%
24) Chloroform-d	7.569	84	232097	23.539	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.234	65	132518	25.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.080%
32) Benzene-d6	8.204	84	468583	22.999	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.210	67	158479	23.881	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.269	98	420798	22.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.528	79	69364	24.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.960%
47) 2-Hexanone-d5	10.875	63	66952	56.396	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	116119	26.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	130992	24.429	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	119897	21.811	ug/L	98
3) Chloromethane	2.152	50	182376	23.061	ug/L	99
5) Vinyl chloride	2.293	62	198838	22.276	ug/L	99
6) Bromomethane	2.704	94	103560	21.792	ug/L	96
8) Chloroethane	2.846	64	126637	22.820	ug/L	90
9) Trichlorofluoromethane	3.187	101	187791	23.117	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	113402	22.685	ug/L	100
12) 1,1-Dichloroethene	3.946	96	106012	21.840	ug/L	90
13) Acetone	4.022	43	95534	60.457	ug/L	96
14) Carbon disulfide	4.281	76	378679	21.666	ug/L	99
15) Methyl Acetate	4.569	43	66763	25.682	ug/L #	79
16) Methylene chloride	4.810	84	124912	21.675	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	113410	22.211	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	297739	24.845	ug/L	99
19) 1,1-Dichloroethane	6.122	63	240215	23.448	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	131414	23.690	ug/L	99
22) 2-Butanone	7.081	43	99107	52.126	ug/L	97
23) Bromochloromethane	7.428	128	51509	23.109	ug/L	93
25) Chloroform	7.598	83	224411	23.846	ug/L	96

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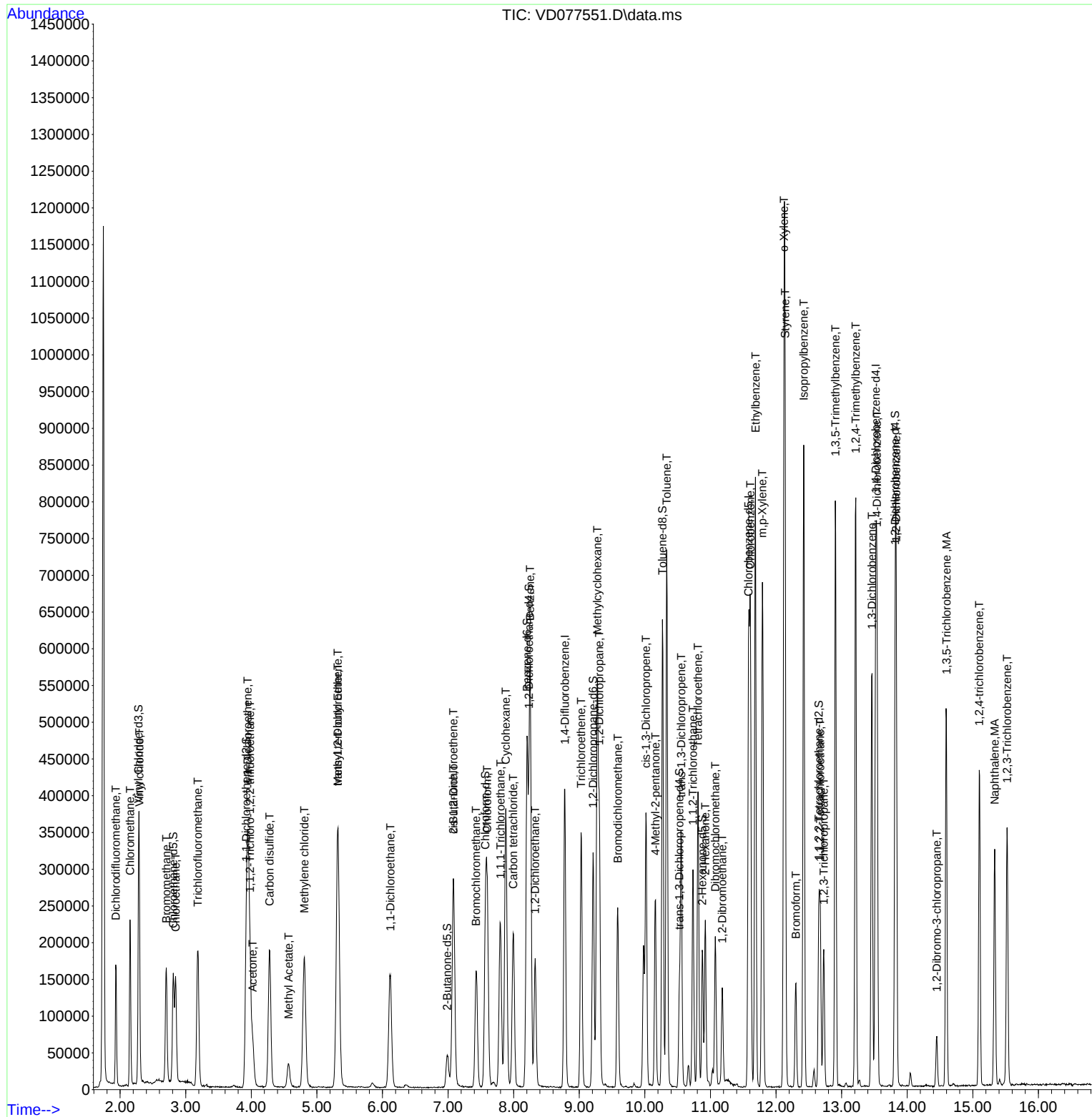
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	152629	24.465	ug/L	96
29) Cyclohexane	7.881	56	222177	21.799	ug/L	99
30) 1,1,1-Trichloroethane	7.798	97	187824	22.856	ug/L	100
31) Carbon tetrachloride	7.992	117	160719	22.757	ug/L	99
33) Benzene	8.251	78	500220	22.979	ug/L	100
34) Trichloroethene	9.028	95	122390	22.690	ug/L	94
35) Methylcyclohexane	9.275	83	212950	21.877	ug/L	99
37) 1,2-Dichloropropane	9.304	63	142974	23.626	ug/L	98
38) Bromodichloromethane	9.586	83	163050	23.489	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	220733	23.737	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	189220	51.310	ug/L	99
42) Toluene	10.334	91	527701	23.089	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	189197	24.623	ug/L	98
45) 1,1,2-Trichloroethane	10.733	97	92274	24.945	ug/L	99
46) Tetrachloroethene	10.810	164	86160	21.709	ug/L	93
48) 2-Hexanone	10.922	43	157526	53.890	ug/L	99
49) Dibromochloromethane	11.075	129	100943	24.023	ug/L	95
50) 1,2-Dibromoethane	11.181	107	84382	23.854	ug/L	98
51) Chlorobenzene	11.610	112	310758	23.209	ug/L	98
52) Ethylbenzene	11.686	91	577874	22.979	ug/L	97
53) m,p-Xylene	11.792	106	210626	23.017	ug/L	96
54) o-Xylene	12.122	106	203882	23.262	ug/L	92
55) Styrene	12.139	104	357673	23.373	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	111964	25.693	ug/L	97
59) Bromoform	12.304	173	61975	24.116	ug/L	99
60) Isopropylbenzene	12.422	105	550843	22.593	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	78128	24.334	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	417605	22.568	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	428386	22.855	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	228692	22.864	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	231285	22.912	ug/L	97
67) 1,2-Dichlorobenzene	13.833	146	205230	23.208	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	17883	25.607	ug/L	96
69) 1,3,5-Trichlorobenzene	14.598	180	151825	22.293	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	130069	22.660	ug/L	100
71) Naphthalene	15.333	128	258273	23.875	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	113227	23.135	ug/L	100

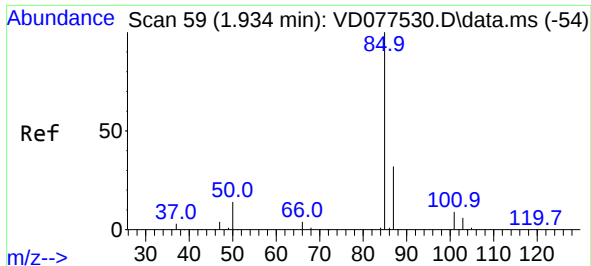
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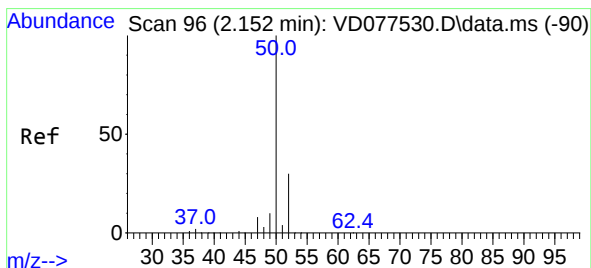
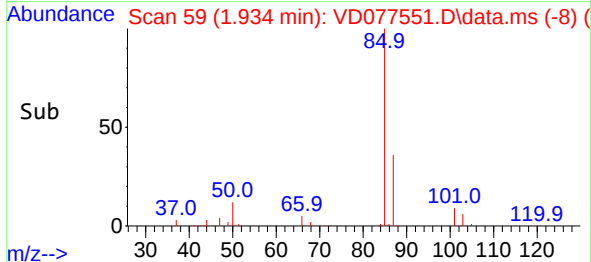
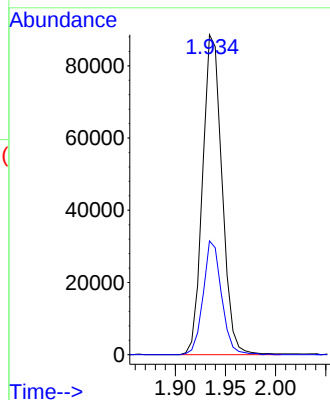
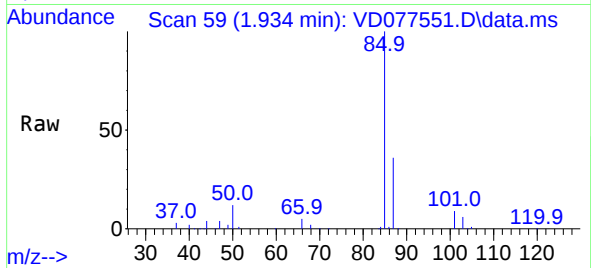




#2
Dichlorodifluoromethane
Concen: 21.811 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

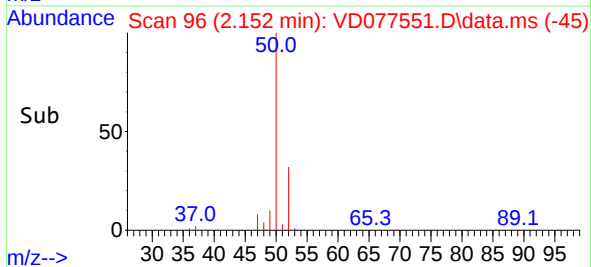
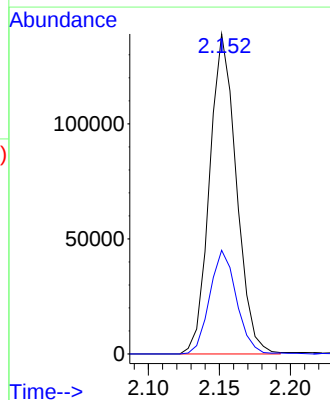
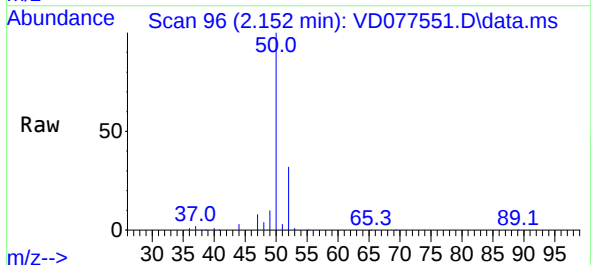
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ClientSampleId :

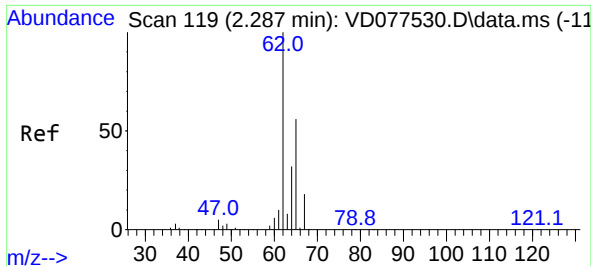
Tgt Ion: 85 Resp: 119897
Ion Ratio Lower Upper
85 100
87 33.7 26.2 39.2



#3
Chloromethane
Concen: 23.061 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 50 Resp: 182376
Ion Ratio Lower Upper
50 100
52 32.4 22.1 41.1

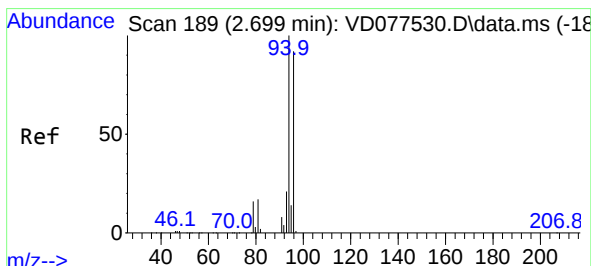
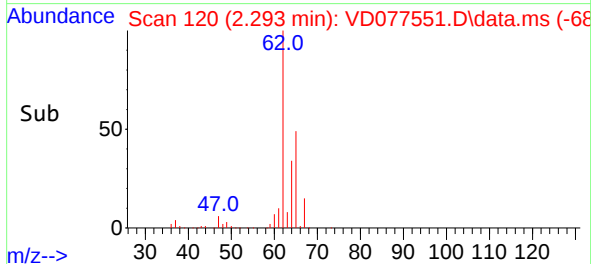
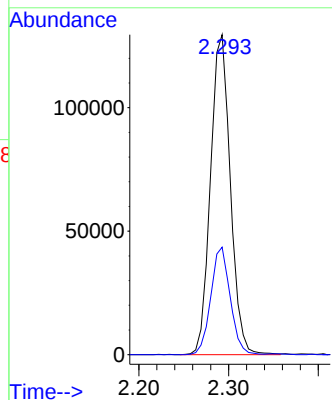
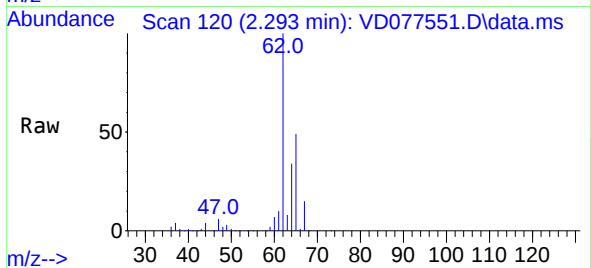




#5
 Vinyl chloride
 Concen: 22.276 ug/L
 RT: 2.293 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VD077551.D
 Acq: 13 Nov 2023 16:30

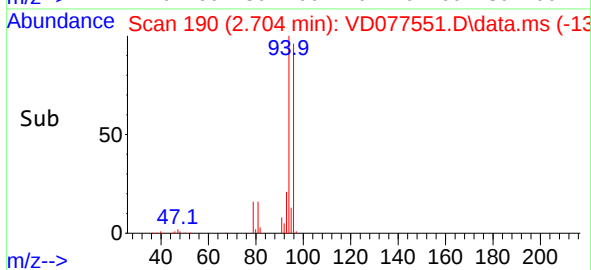
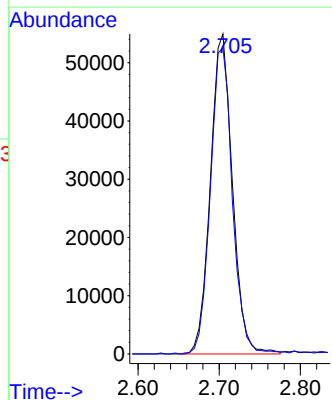
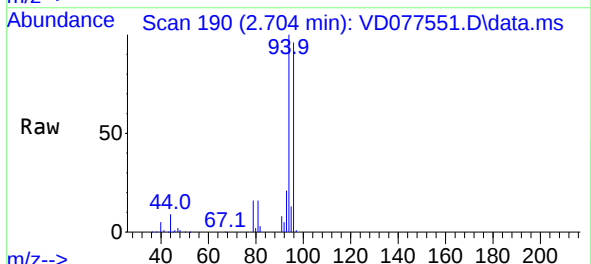
Instrument :
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 ClientSampleId :

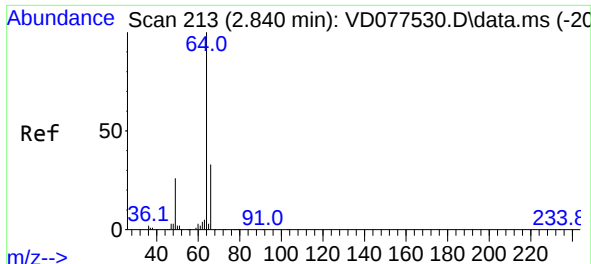
Tgt Ion: 62 Resp: 198838
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.9 44.5



#6
 Bromomethane
 Concen: 21.792 ug/L
 RT: 2.704 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077551.D
 Acq: 13 Nov 2023 16:30

Tgt Ion: 94 Resp: 103560
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.5 119.9

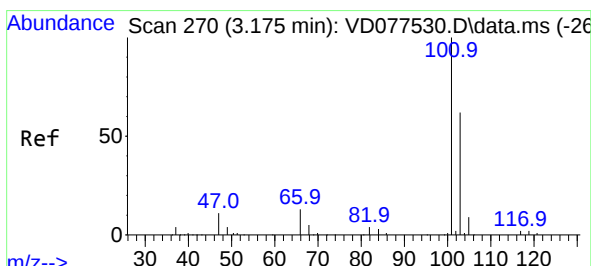
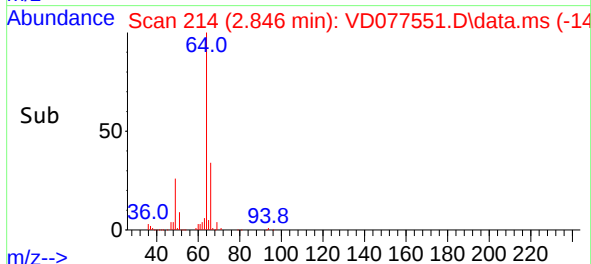
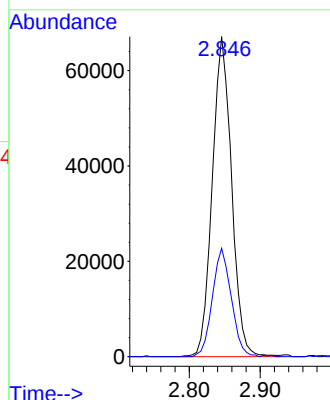
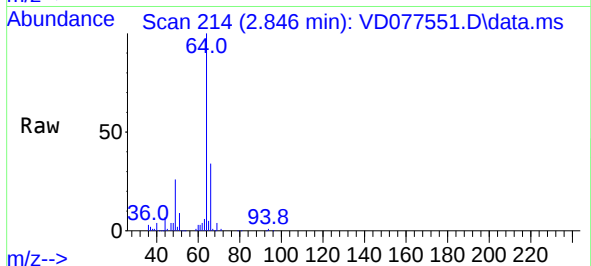




#8
Chloroethane
Concen: 22.820 ug/L
RT: 2.846 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

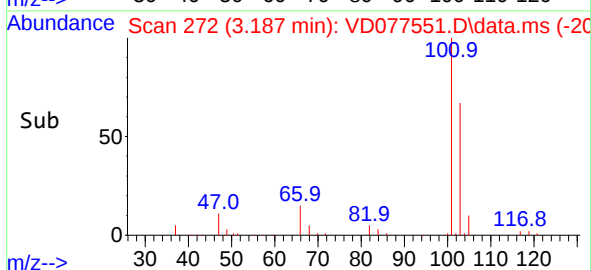
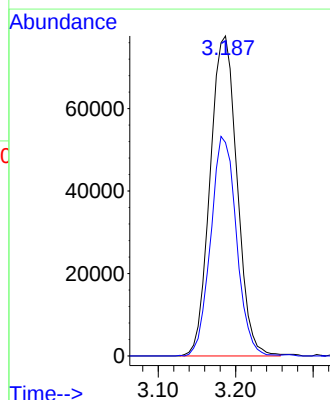
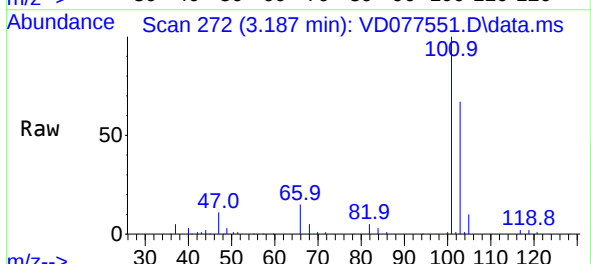
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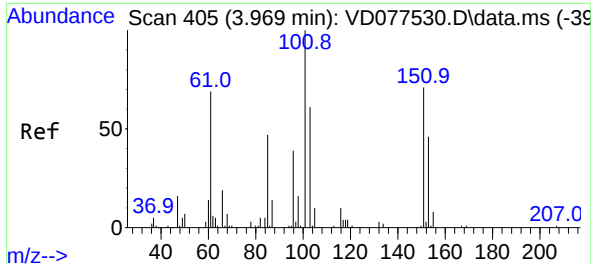
Tgt Ion: 64 Resp: 126637
Ion Ratio Lower Upper
64 100
66 33.8 19.8 36.8



#9
Trichlorofluoromethane
Concen: 23.117 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.011 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion:101 Resp: 187791
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

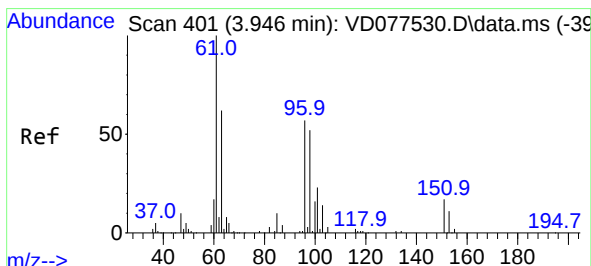
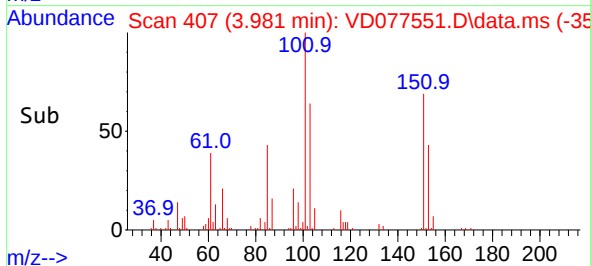
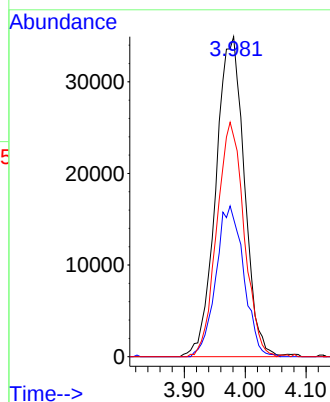
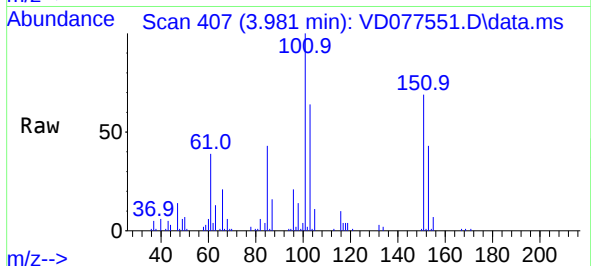




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.685 ug/L
RT: 3.981 min Scan# 405
Delta R.T. 0.011 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

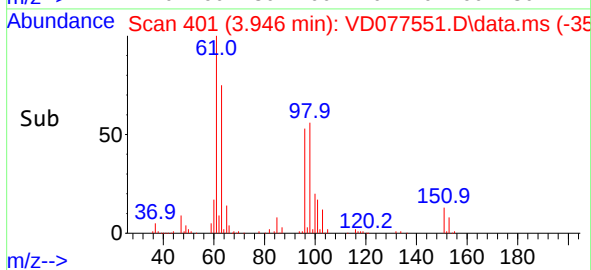
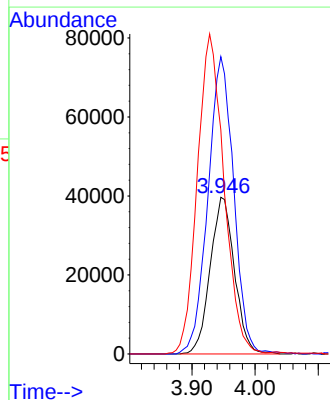
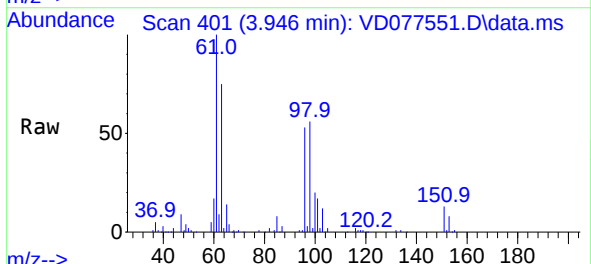
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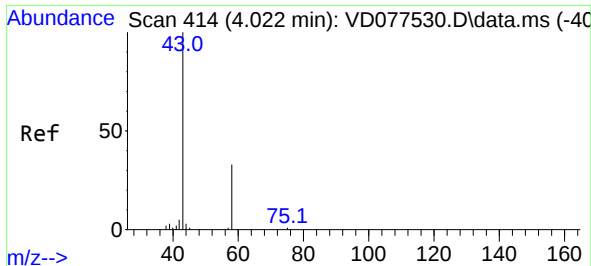
Tgt Ion:101 Resp: 113402
Ion Ratio Lower Upper
101 100
85 46.0 36.8 55.2
151 70.2 56.6 84.8



#12
1,1-Dichloroethene
Concen: 21.840 ug/L
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 96 Resp: 106012
Ion Ratio Lower Upper
96 100
61 189.8 127.5 236.9
63 143.0 86.4 160.4





#13

Acetone

Concen: 60.457 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

Instrument :

MSVOA_D

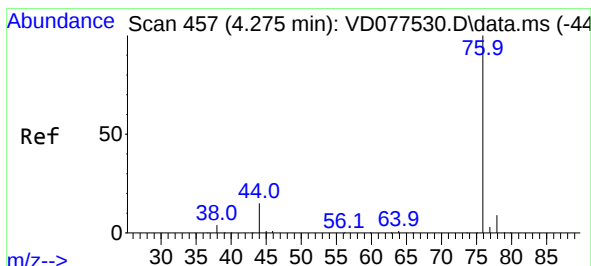
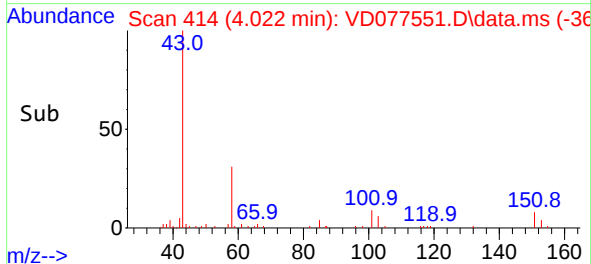
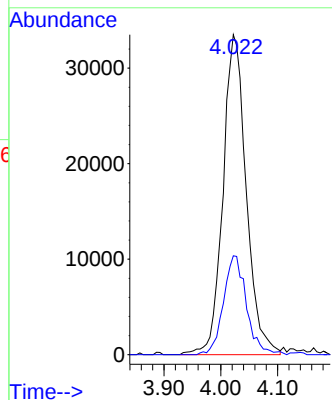
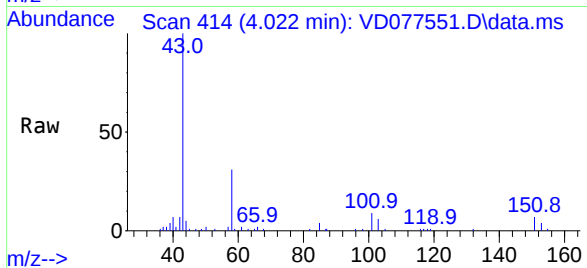
ClientSampleId :

Tgt Ion: 43 Resp: 95534

Ion Ratio Lower Upper

43 100

58 30.0 0.0 64.0



#14

Carbon disulfide

Concen: 21.666 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD077551.D

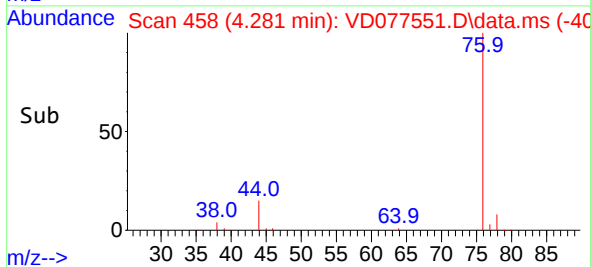
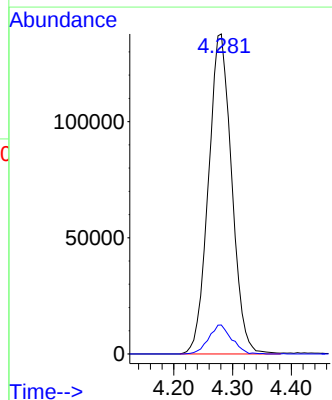
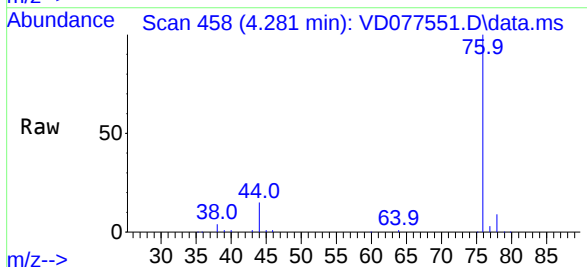
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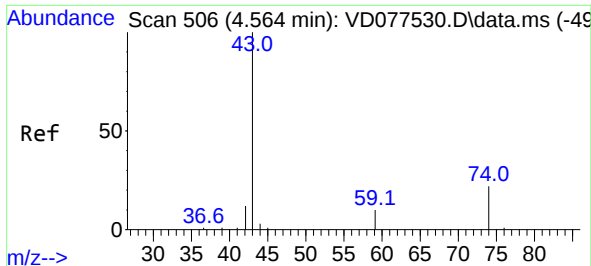
Tgt Ion: 76 Resp: 378679

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3

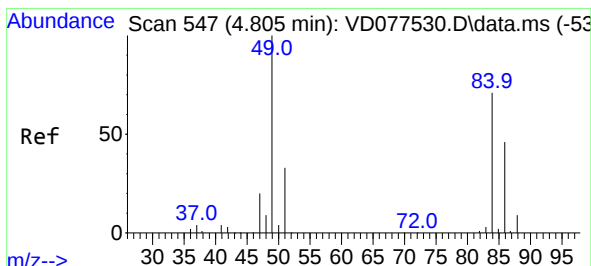
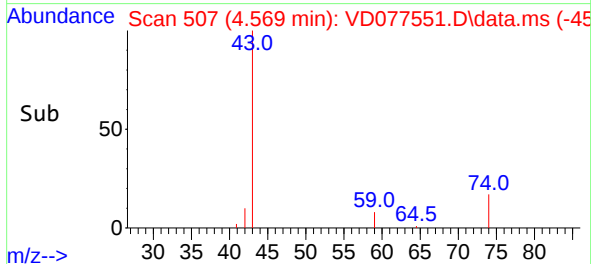
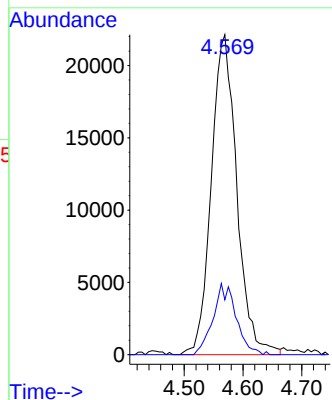
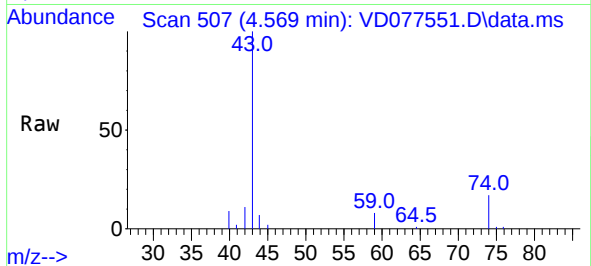




#15
Methyl Acetate
Concen: 25.682 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

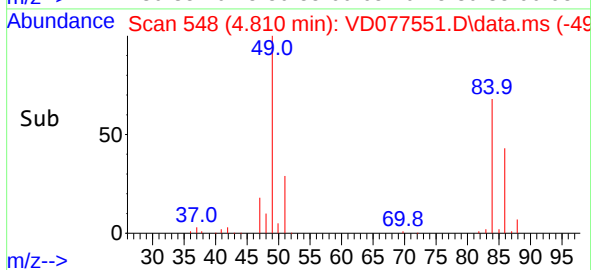
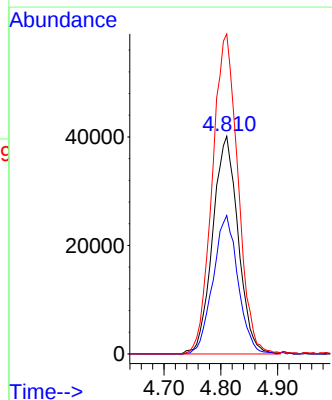
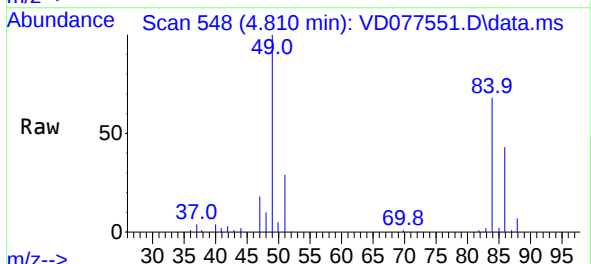
Instrument :
MSVOA_D
ClientSampleId :

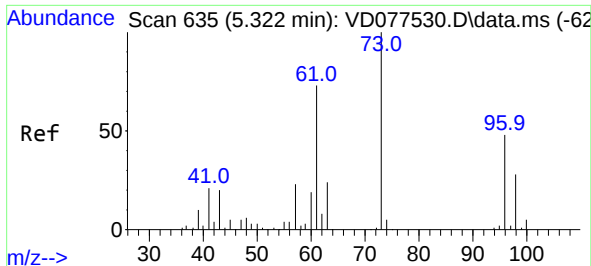
Tgt Ion: 43 Resp: 66763
Ion Ratio Lower Upper
43 100
74 11.0 16.6 24.8#



#16
Methylene chloride
Concen: 21.675 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

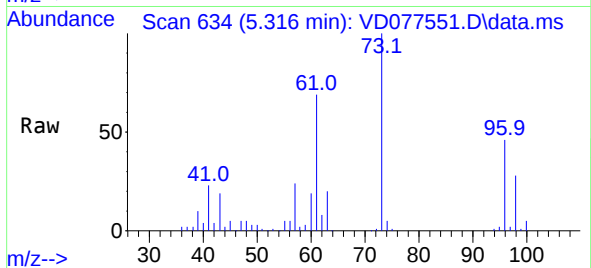
Tgt Ion: 84 Resp: 124912
Ion Ratio Lower Upper
84 100
86 63.6 46.5 86.5
49 147.0 98.3 182.7



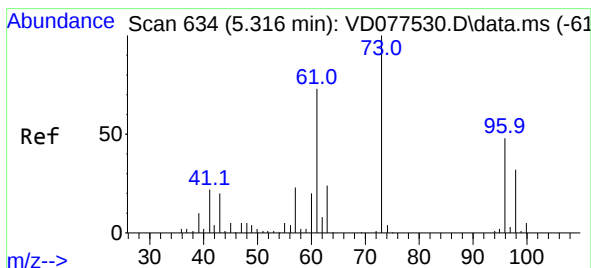
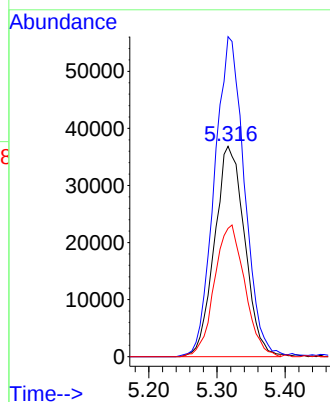
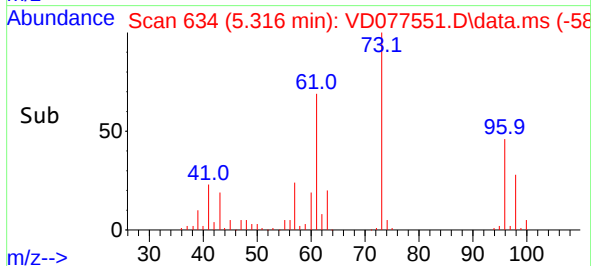


#17
trans-1,2-Dichloroethene
Concen: 22.211 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

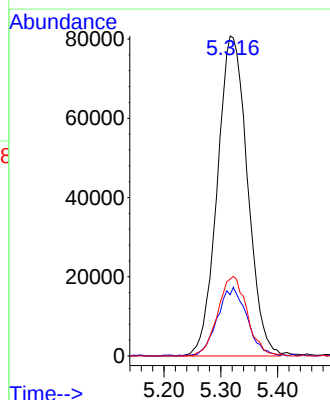
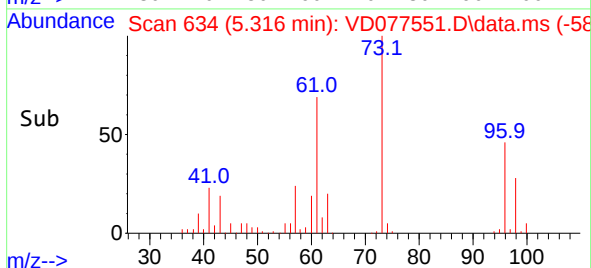
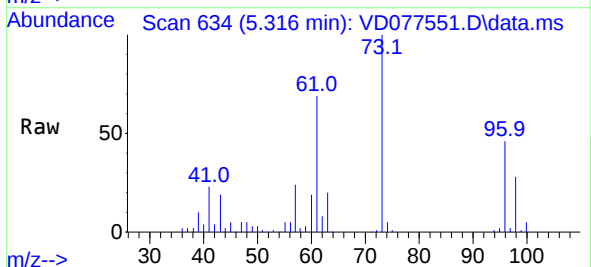


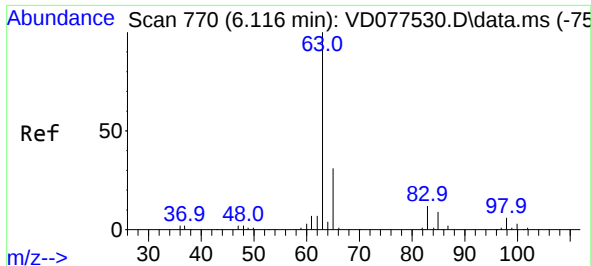
Tgt Ion: 96 Resp: 113410
Ion Ratio Lower Upper
96 100
61 152.0 104.0 193.2
98 61.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 24.845 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 73 Resp: 297739
Ion Ratio Lower Upper
73 100
43 21.1 16.4 24.6
57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.448 ug/L

RT: 6.122 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

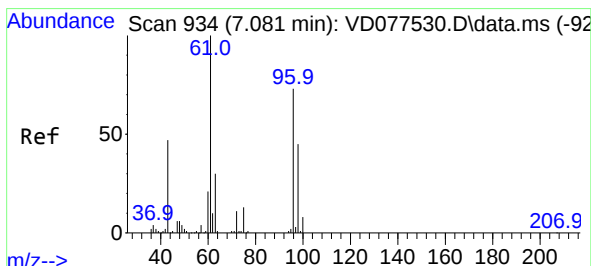
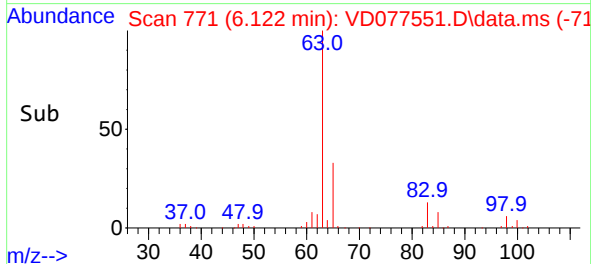
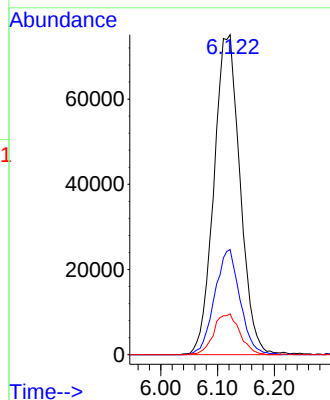
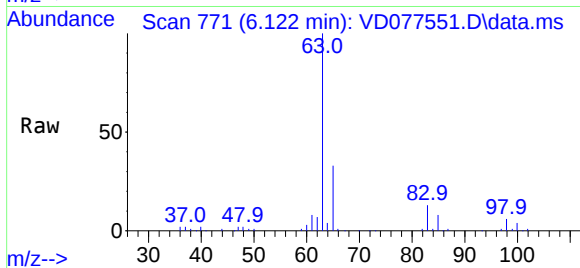
Tgt Ion: 63 Resp: 240215

Ion Ratio Lower Upper

63 100

65 32.9 22.6 42.0

83 12.8 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 23.690 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

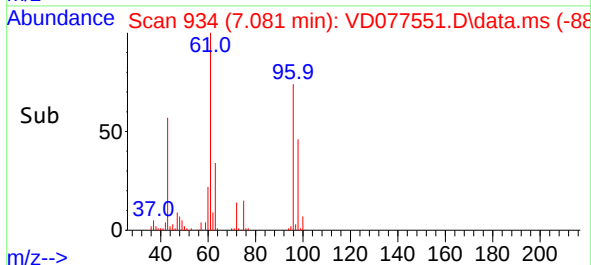
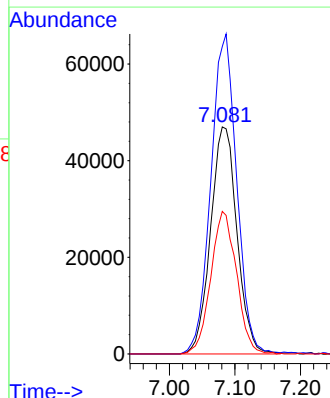
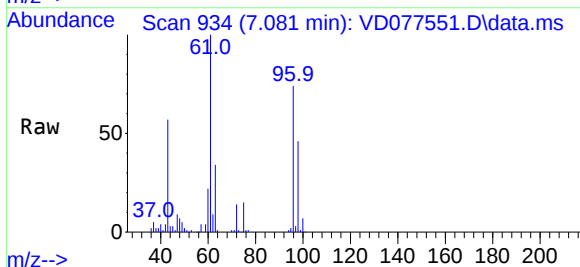
Tgt Ion: 96 Resp: 131414

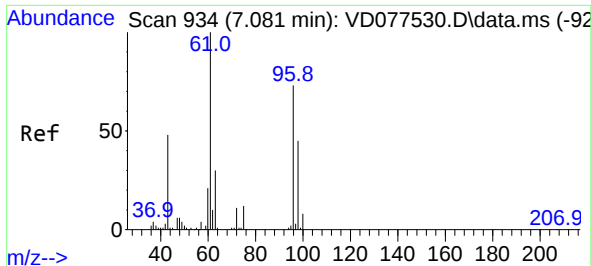
Ion Ratio Lower Upper

96 100

61 135.3 95.0 176.4

98 62.8 43.1 80.1

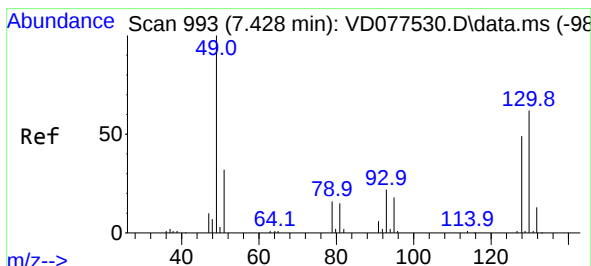
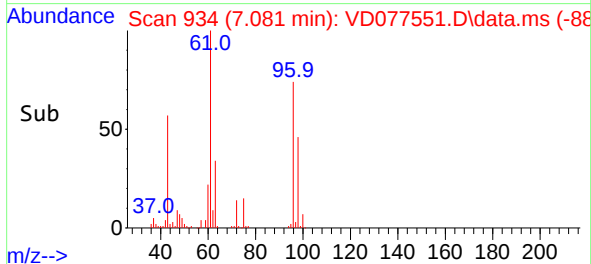
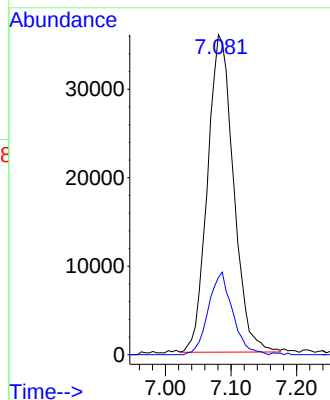
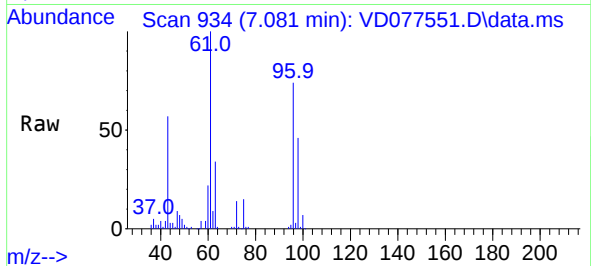




#22
2-Butanone
Concen: 52.126 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

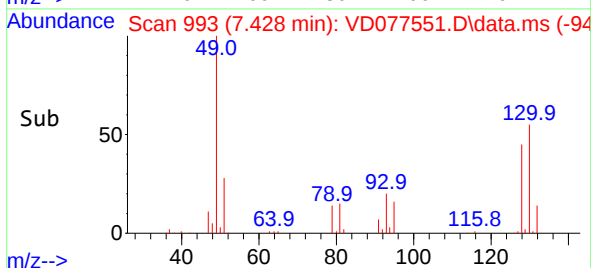
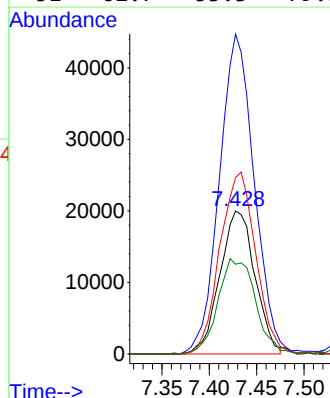
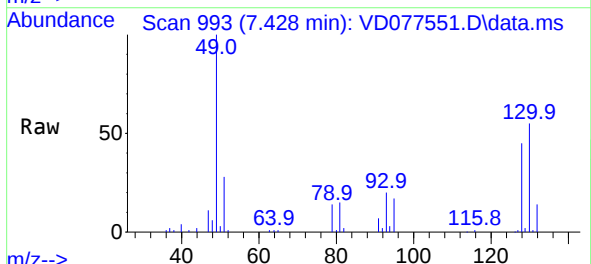
Instrument :
MSVOA_D
ClientSampleId :

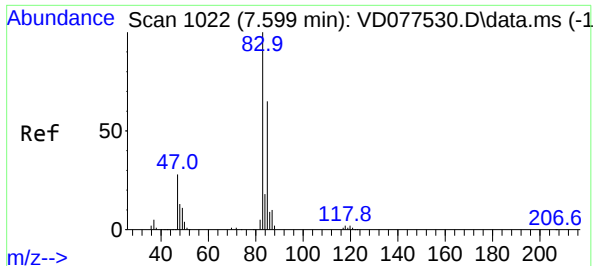
Tgt Ion: 43 Resp: 99107
Ion Ratio Lower Upper
43 100
72 24.1 12.8 38.4



#23
Bromochloromethane
Concen: 23.109 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion:128 Resp: 51509
Ion Ratio Lower Upper
128 100
49 223.7 146.7 272.5
130 123.2 83.2 154.6
51 62.7 53.3 79.9

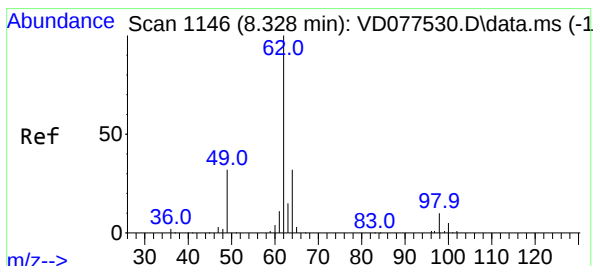
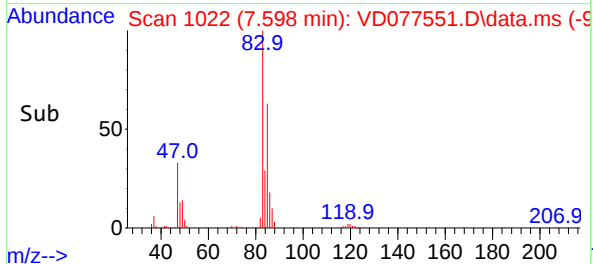
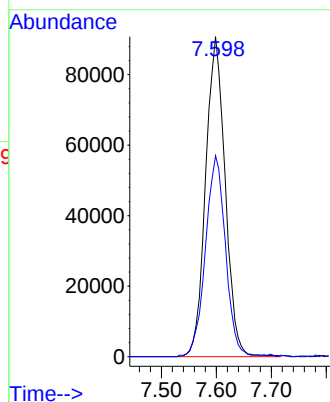
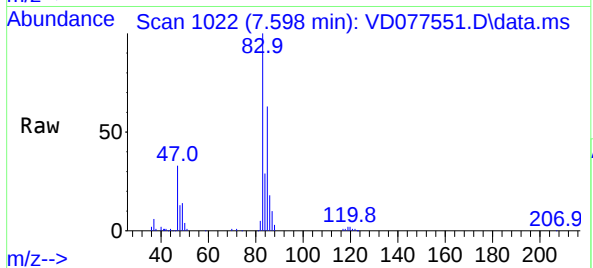




#25
Chloroform
Concen: 23.846 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

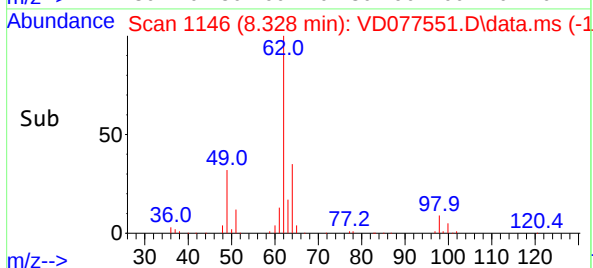
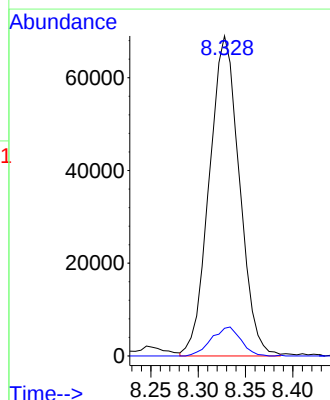
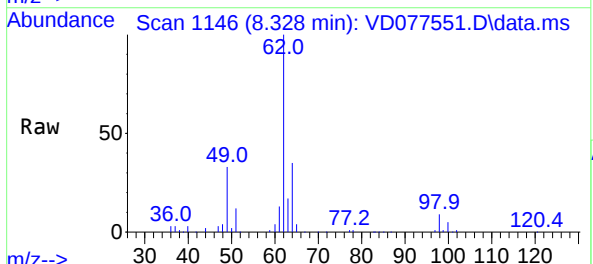
Instrument :
MSVOA_D
ClientSampleId :

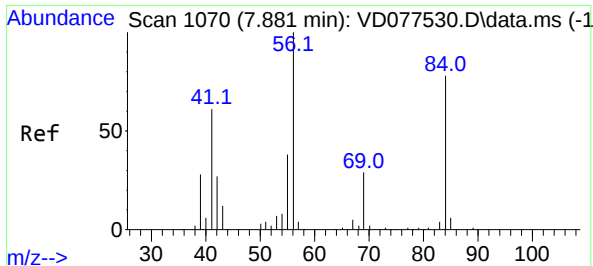
Tgt Ion: 83 Resp: 224411
Ion Ratio Lower Upper
83 100
85 62.8 45.9 85.3



#27
1,2-Dichloroethane
Concen: 24.465 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 62 Resp: 152629
Ion Ratio Lower Upper
62 100
98 8.6 8.0 12.0





#29

Cyclohexane

Concen: 21.799 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

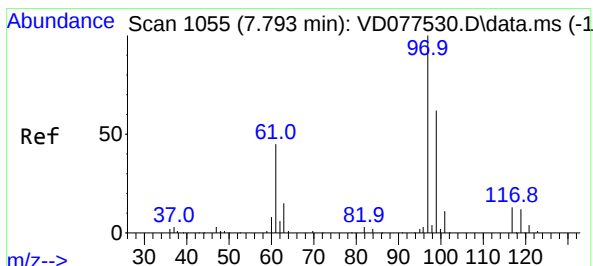
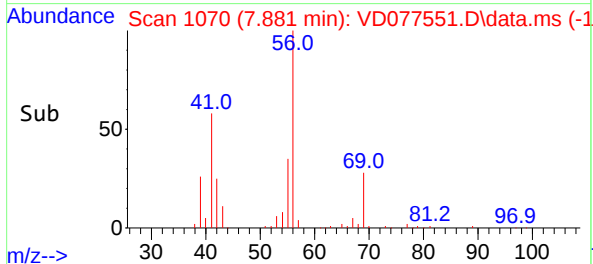
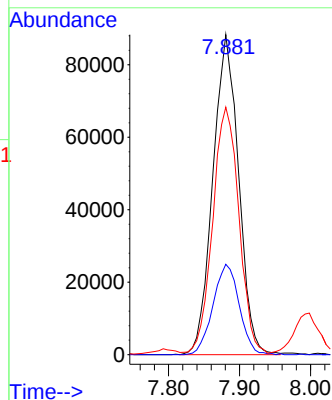
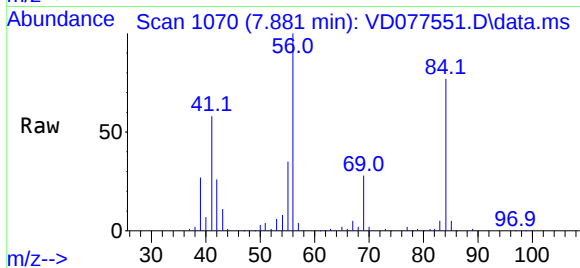
Tgt Ion: 56 Resp: 222177

Ion Ratio Lower Upper

56 100

69 28.7 22.6 33.8

84 78.8 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 22.856 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

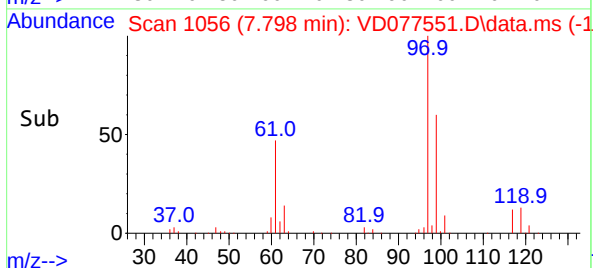
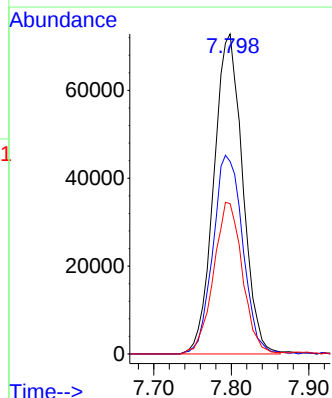
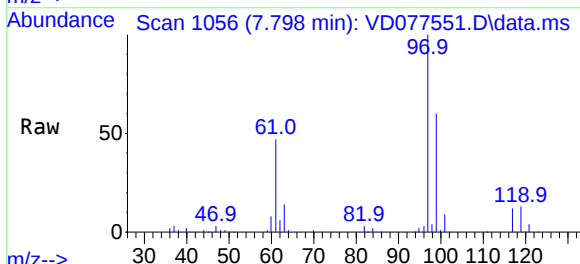
Tgt Ion: 97 Resp: 187824

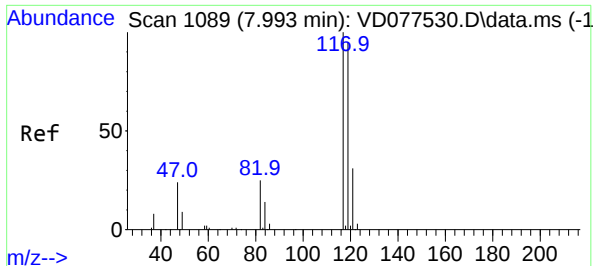
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

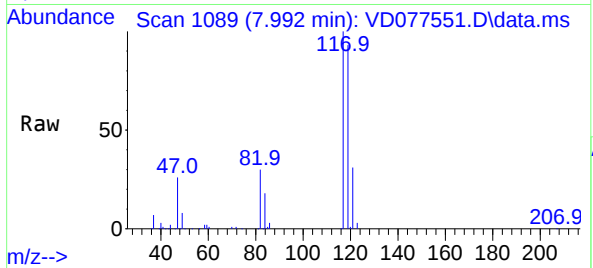
61 47.7 38.1 57.1



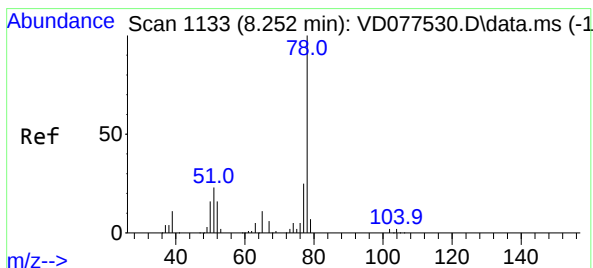
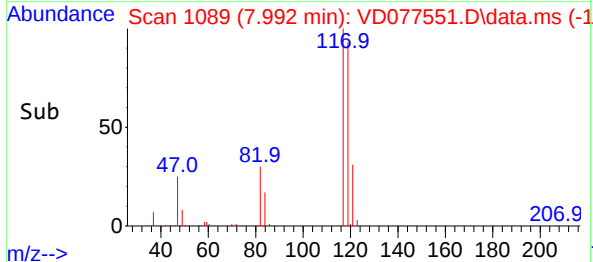
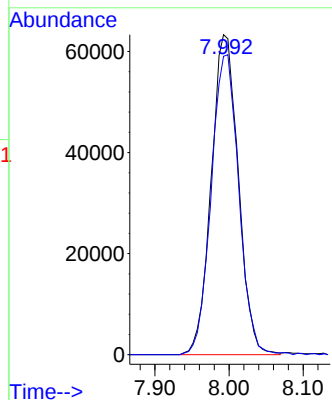


#31
Carbon tetrachloride
Concen: 22.757 ug/L
RT: 7.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

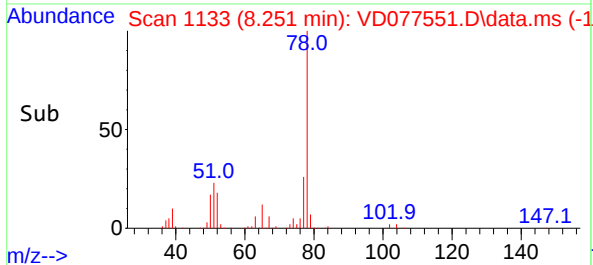
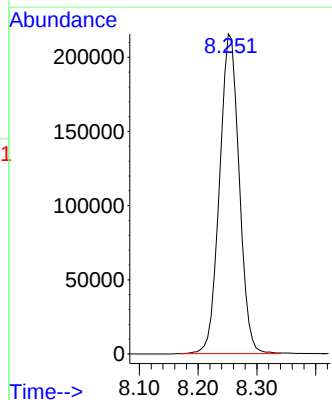
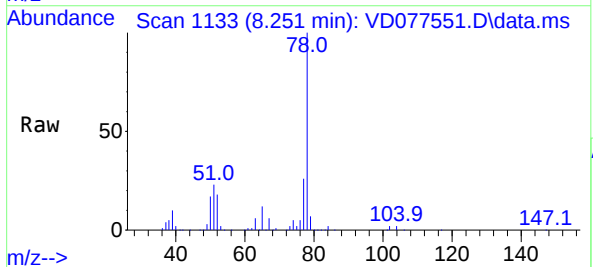


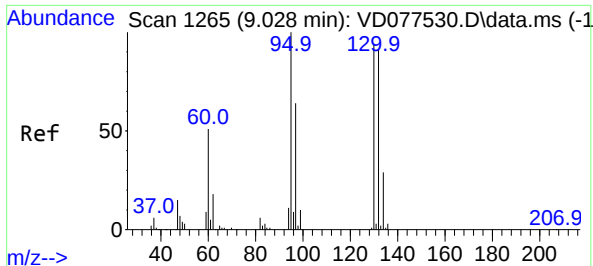
Tgt Ion:117 Resp: 160719
Ion Ratio Lower Upper
117 100
119 95.0 75.4 113.0



#33
Benzene
Concen: 22.979 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

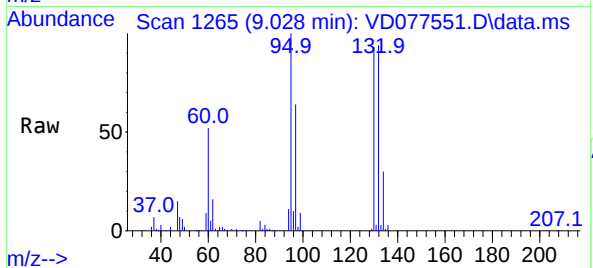
Tgt Ion: 78 Resp: 500220



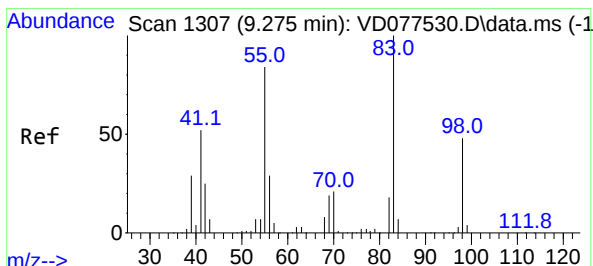
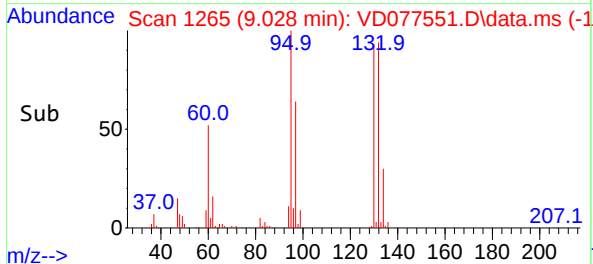
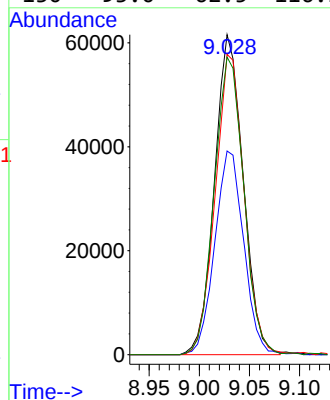


#34
Trichloroethene
Concen: 22.690 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

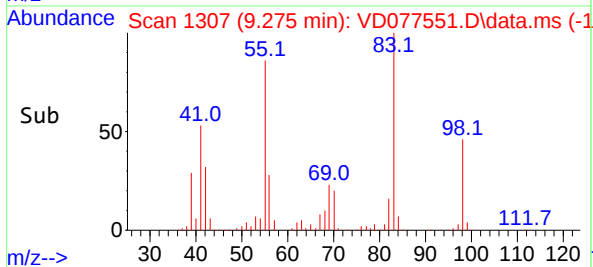
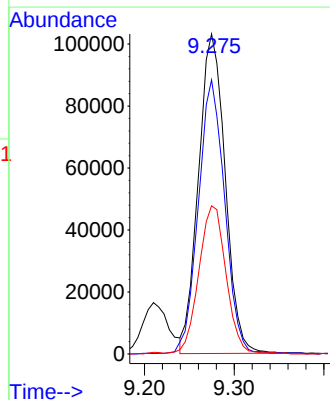
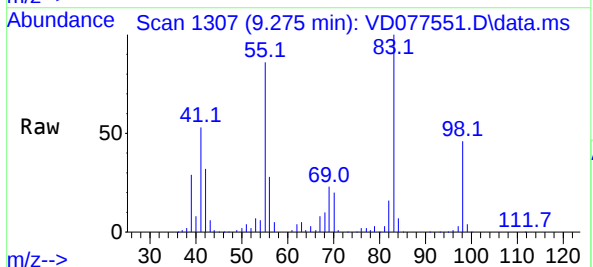


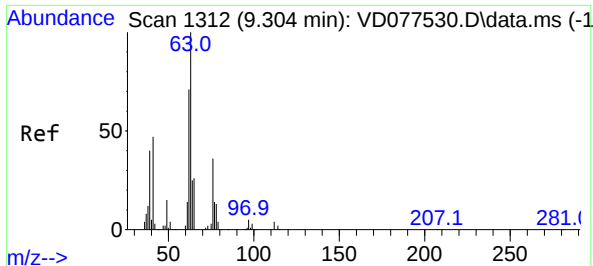
Tgt Ion: 95 Resp: 122390
Ion Ratio Lower Upper
95 100
97 63.6 42.4 78.6
132 93.9 59.4 110.2
130 93.0 62.5 116.1



#35
Methylcyclohexane
Concen: 21.877 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 83 Resp: 212950
Ion Ratio Lower Upper
83 100
55 84.4 66.5 99.7
98 47.0 37.4 56.2

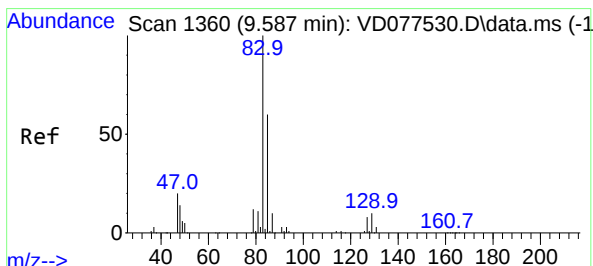
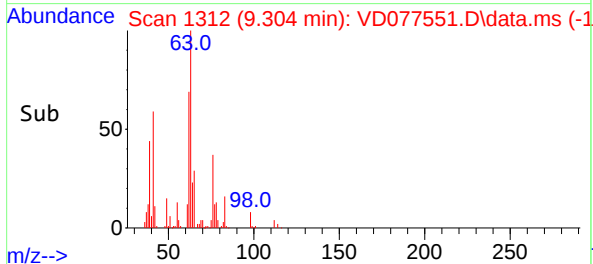
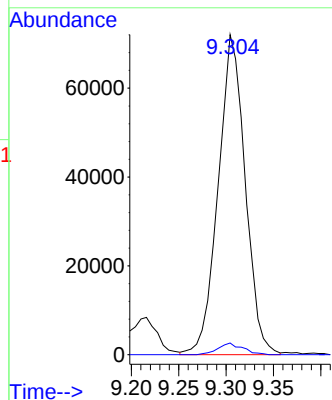
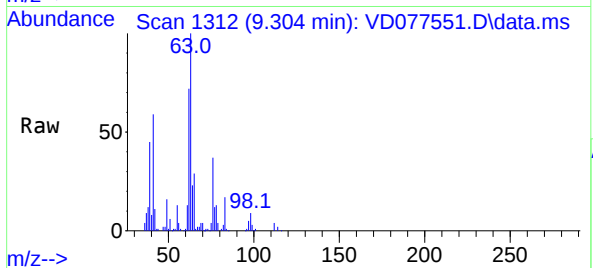




#37
1,2-Dichloropropane
Concen: 23.626 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

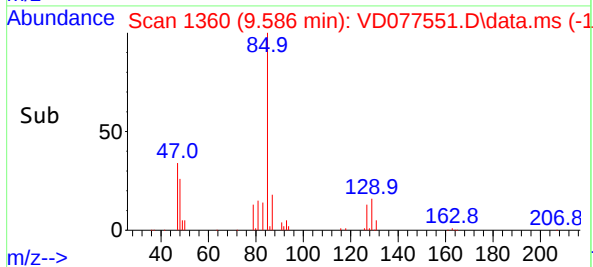
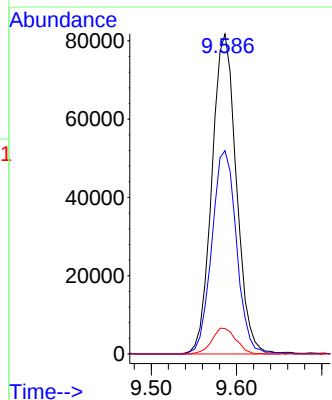
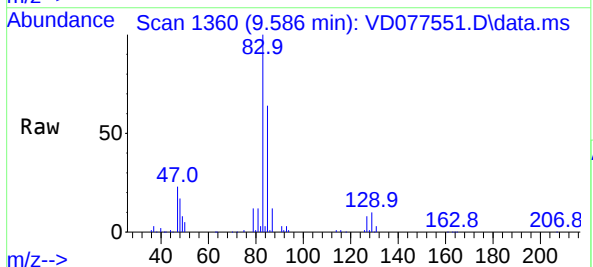
Instrument :
MSVOA_D
ClientSampleId :

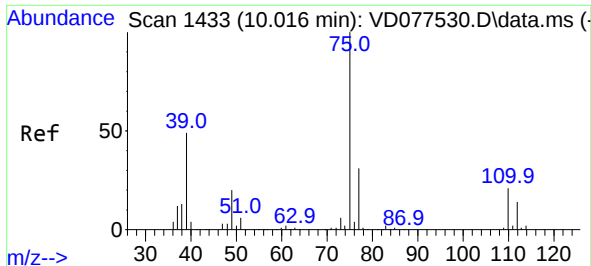
Tgt Ion: 63 Resp: 142974
Ion Ratio Lower Upper
63 100
112 3.4 3.2 4.8



#38
Bromodichloromethane
Concen: 23.489 ug/L
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 83 Resp: 163050
Ion Ratio Lower Upper
83 100
85 63.5 42.4 78.8
127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 23.737 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

Instrument :

MSVOA_D

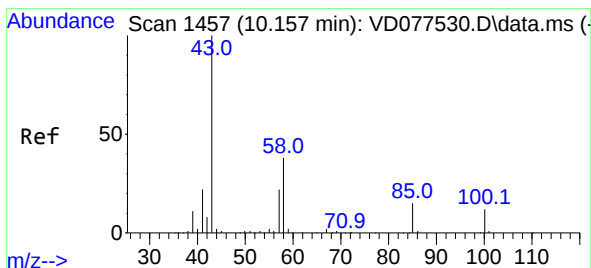
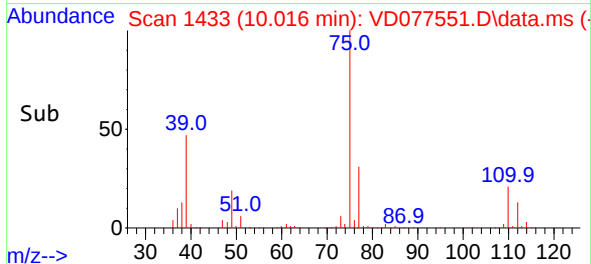
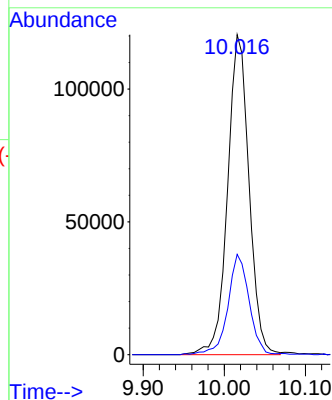
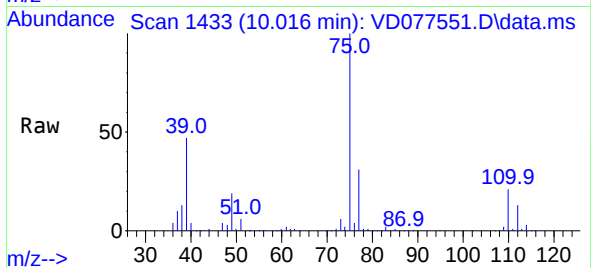
ClientSampleId :

Tgt Ion: 75 Resp: 220733

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.310 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

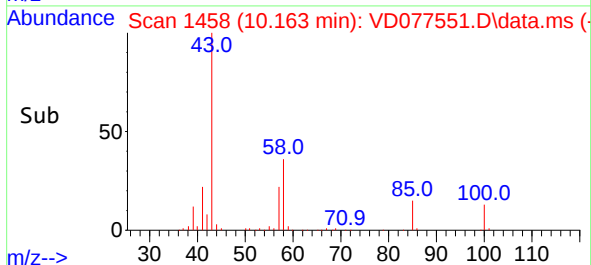
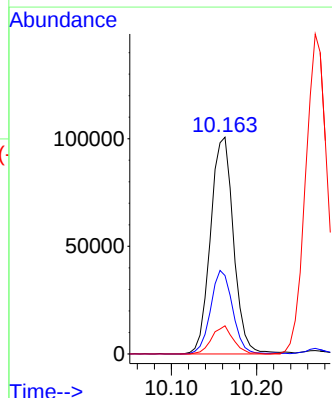
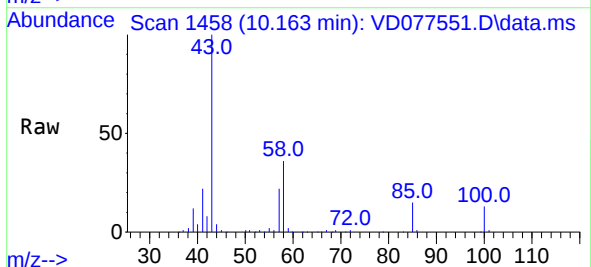
Tgt Ion: 43 Resp: 189220

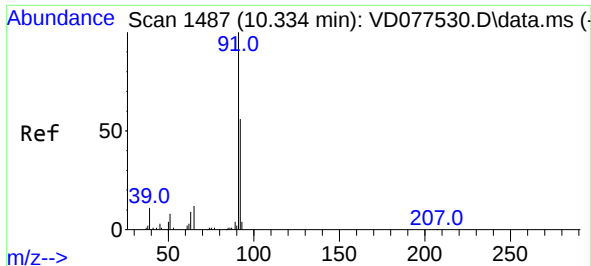
Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.8

100 12.0 9.5 14.3

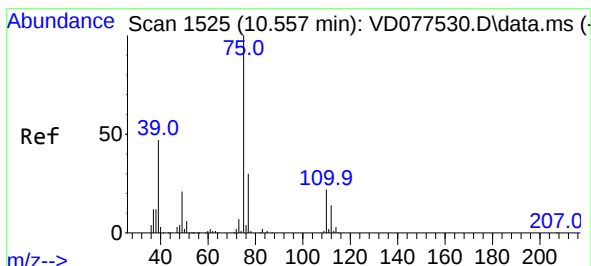
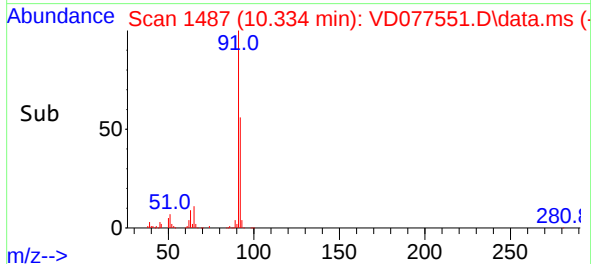
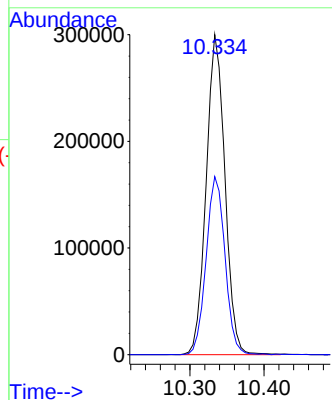
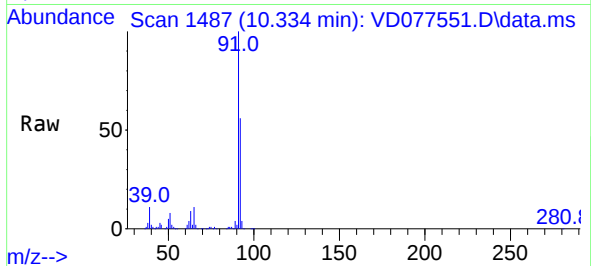




#42
Toluene
Concen: 23.089 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

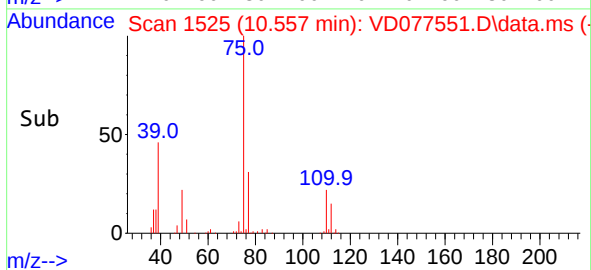
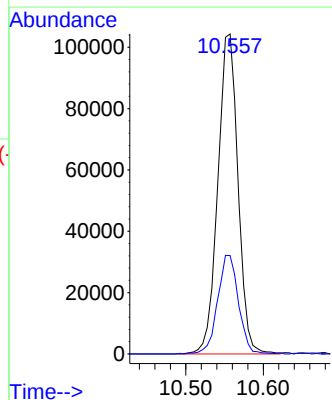
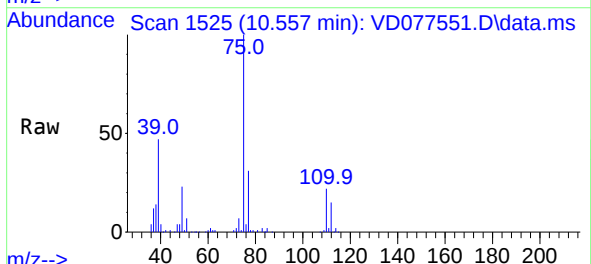
Instrument :
MSVOA_D
ClientSampleId :

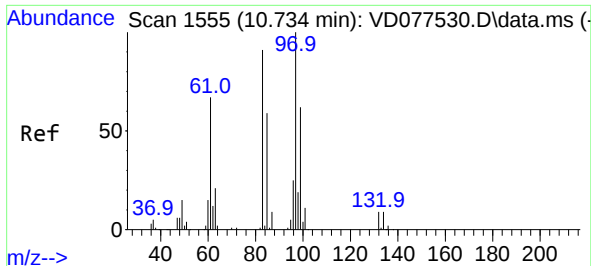
Tgt Ion: 91 Resp: 527701
Ion Ratio Lower Upper
91 100
92 55.7 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.623 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 75 Resp: 189197
Ion Ratio Lower Upper
75 100
77 30.7 22.3 41.5

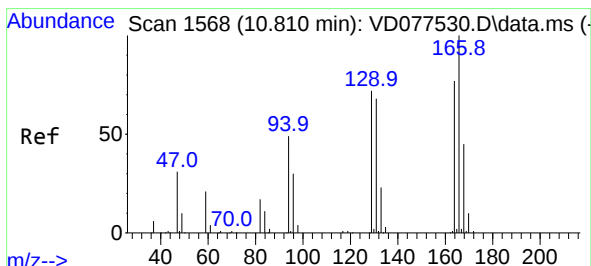
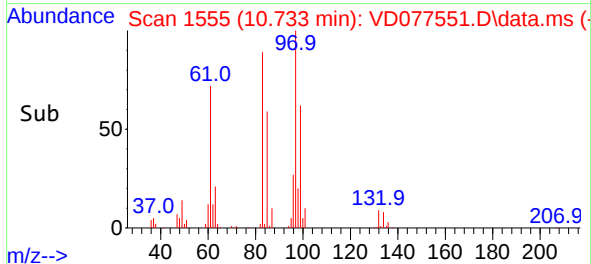
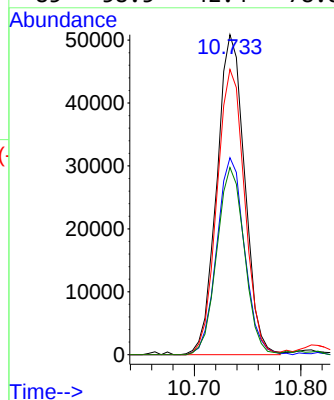
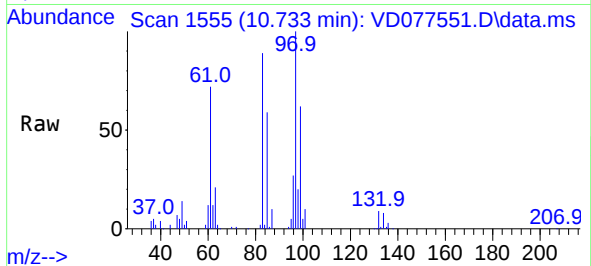




#45
1,1,2-Trichloroethane
Concen: 24.945 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

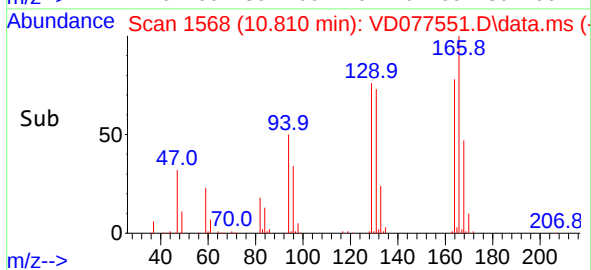
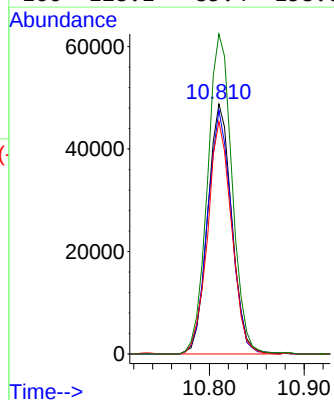
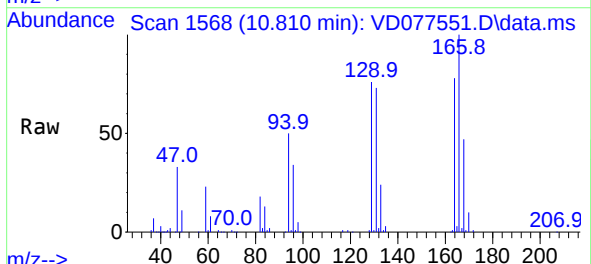
Instrument :
MSVOA_D
ClientSampleId :

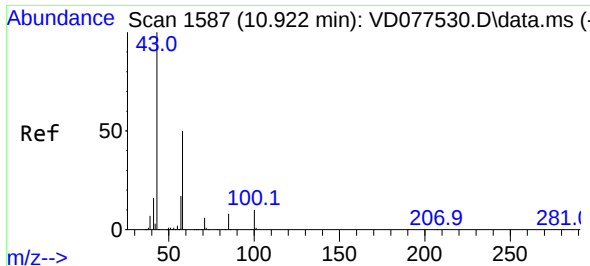
Tgt Ion: 97	Resp: 92274
Ion Ratio	Lower Upper
97 100	
99 61.5	43.5 80.7
83 89.2	63.1 117.3
85 58.5	42.4 78.8



#46
Tetrachloroethene
Concen: 21.709 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

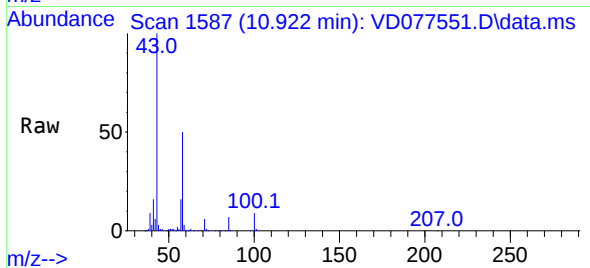
Tgt	Ion:164	Resp:	86160
Ion	Ratio	Lower	Upper
164	100		
129	97.4	60.6	112.6
131	93.0	61.6	114.4
166	128.1	85.4	158.6



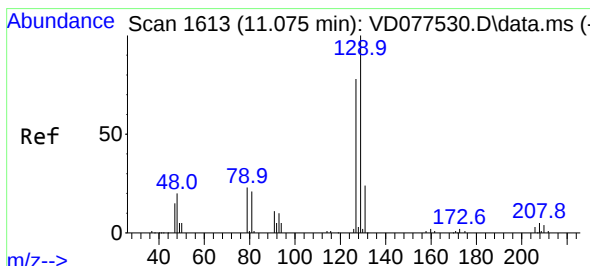
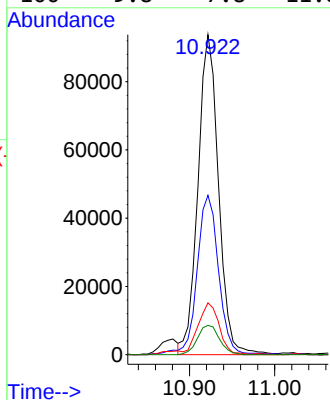
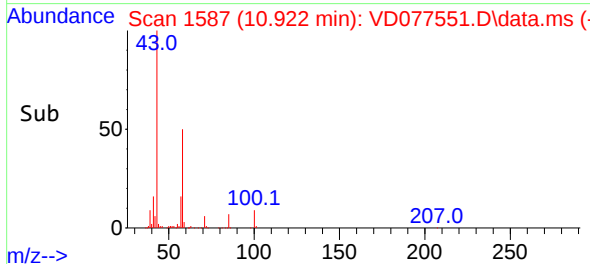


#48
2-Hexanone
Concen: 53.890 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

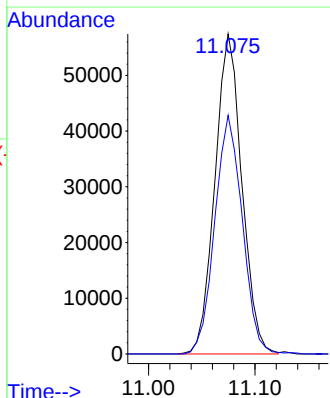
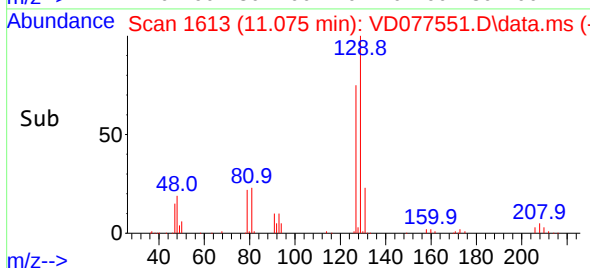
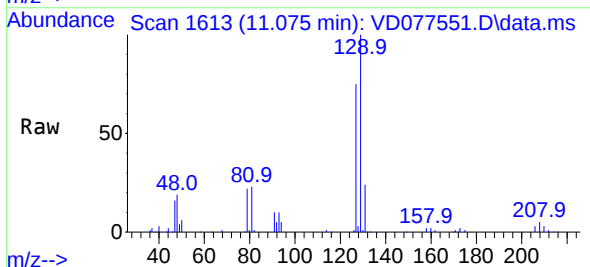


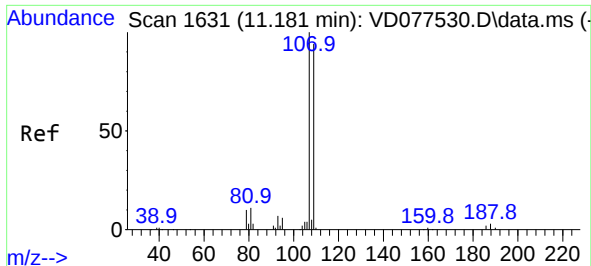
Tgt Ion: 43 Resp: 157526
Ion Ratio Lower Upper
43 100
58 50.8 40.8 61.2
57 15.3 13.7 20.5
100 9.8 7.8 11.8



#49
Dibromochloromethane
Concen: 24.023 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 129 Resp: 100943
Ion Ratio Lower Upper
129 100
127 74.6 54.9 102.1





#50

1,2-Dibromoethane

Concen: 23.854 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

Instrument :

MSVOA_D

ClientSampleId :

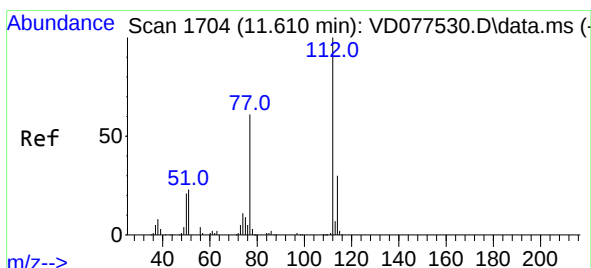
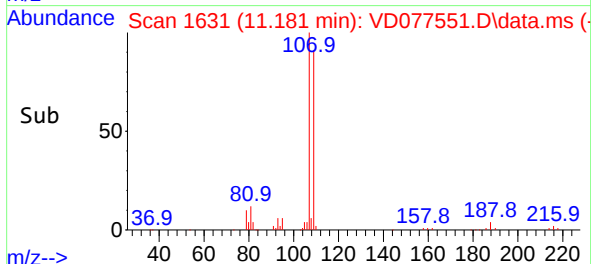
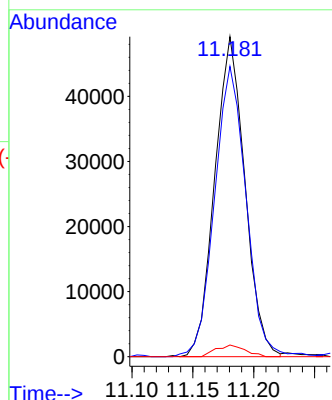
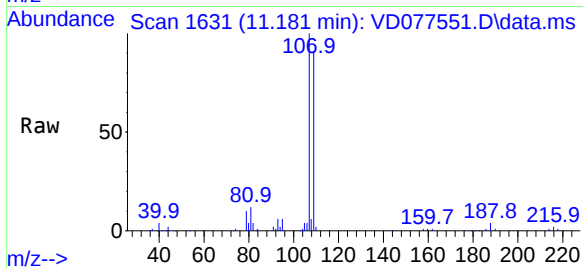
Tgt Ion:107 Resp: 84382

Ion Ratio Lower Upper

107 100

109 90.7 64.8 120.3

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 23.209 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD077551.D

Acq: 13 Nov 2023 16:30

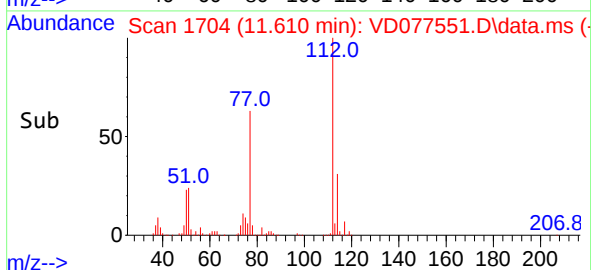
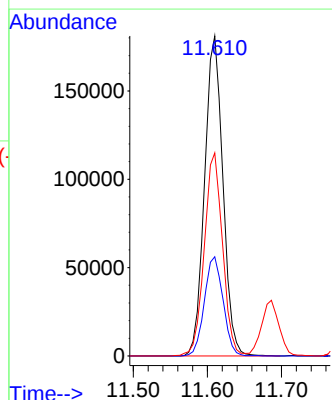
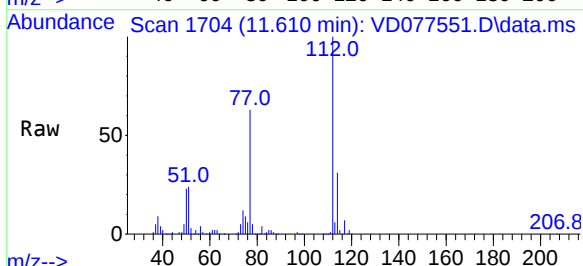
Tgt Ion:112 Resp: 310758

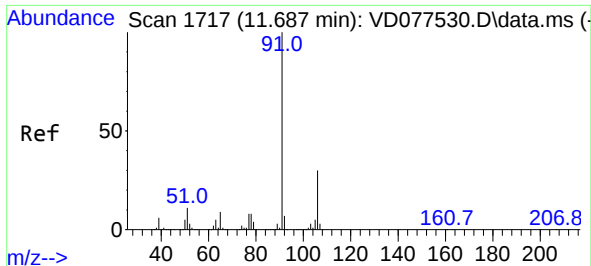
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 63.4 49.6 74.4

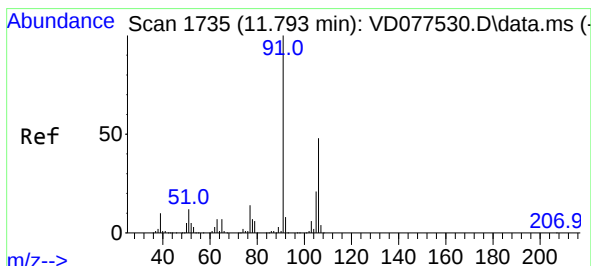
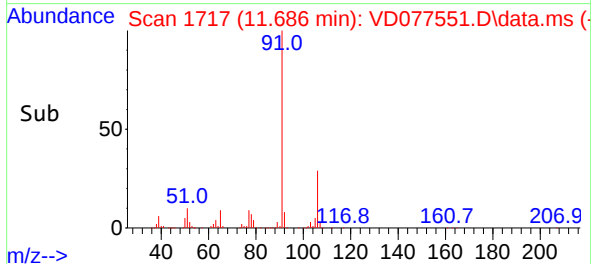
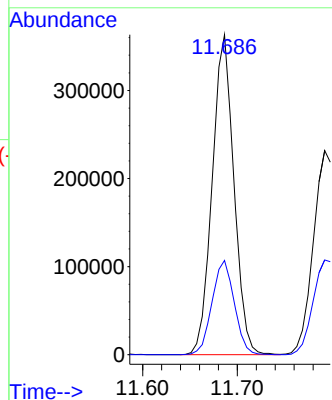
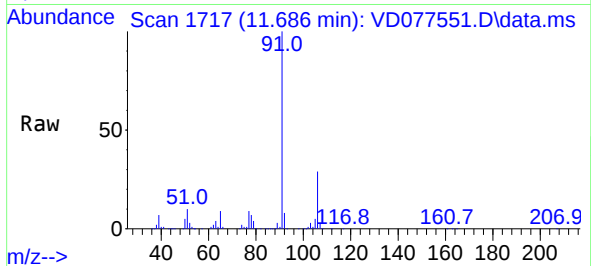




#52
Ethylbenzene
Concen: 22.979 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

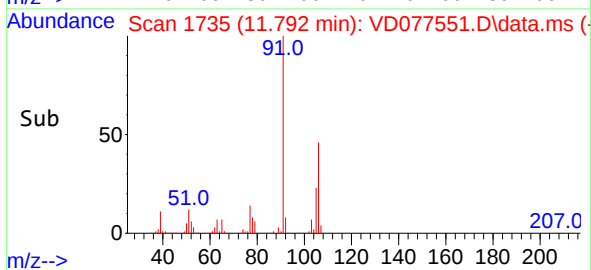
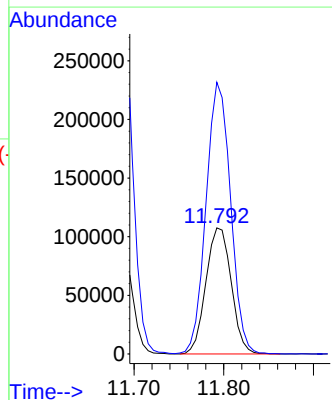
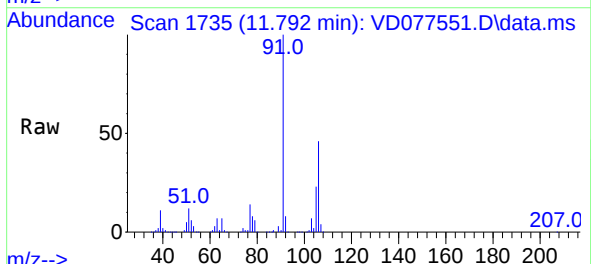
Instrument :
MSVOA_D
ClientSampleId :

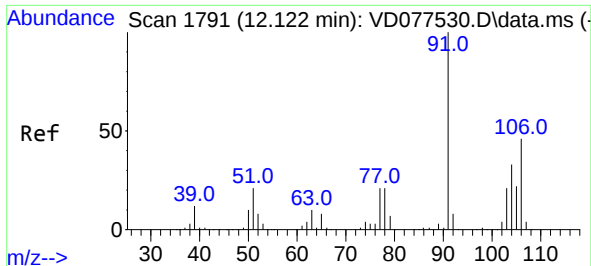
Tgt Ion: 91 Resp: 577874
Ion Ratio Lower Upper
91 100
106 29.5 22.0 40.8



#53
m,p-Xylene
Concen: 23.017 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion:106 Resp: 210626
Ion Ratio Lower Upper
106 100
91 215.6 146.7 272.4

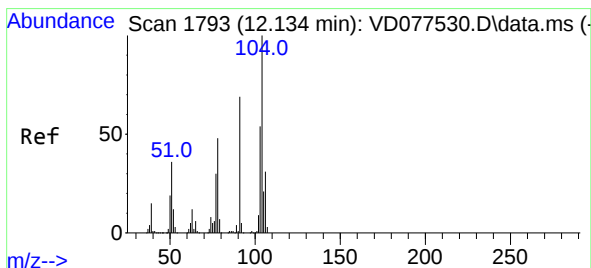
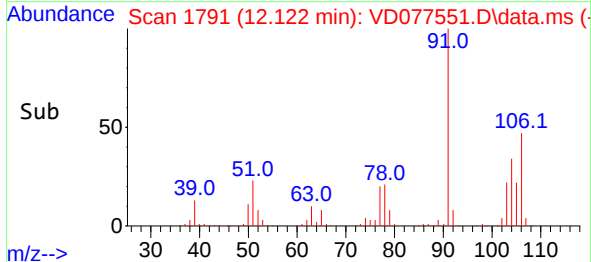
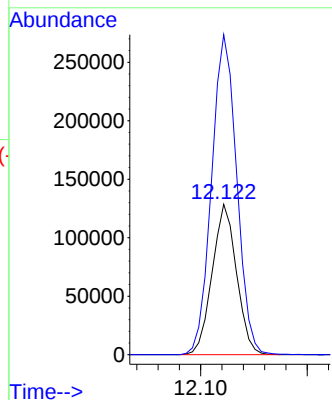
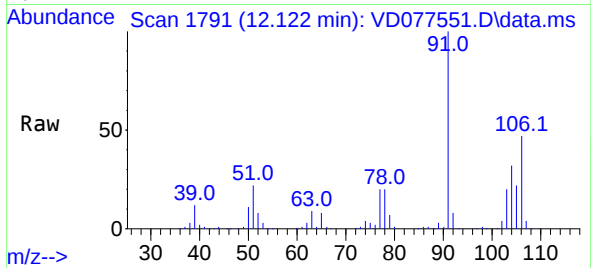




#54
o-Xylene
Concen: 23.262 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

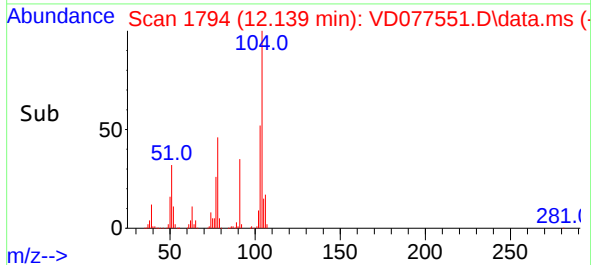
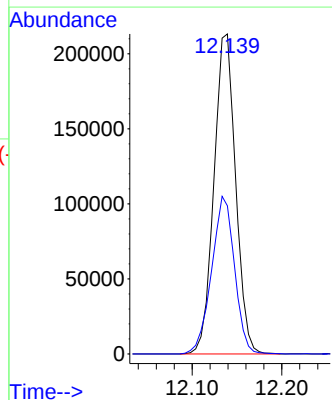
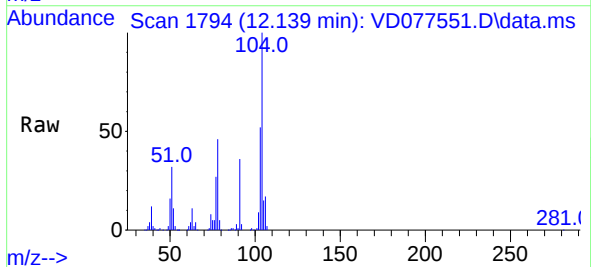
Instrument :
MSVOA_D
ClientSampleId :

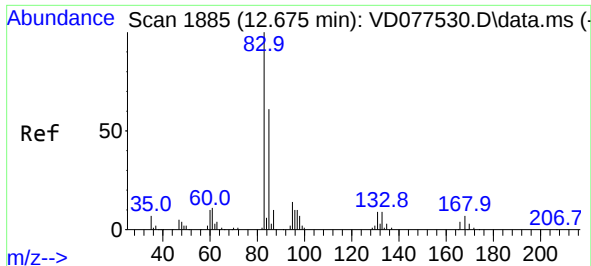
Tgt Ion:106 Resp: 203882
Ion Ratio Lower Upper
106 100
91 212.7 158.5 294.4



#55
Styrene
Concen: 23.373 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion:104 Resp: 357673
Ion Ratio Lower Upper
104 100
78 46.3 34.9 64.9

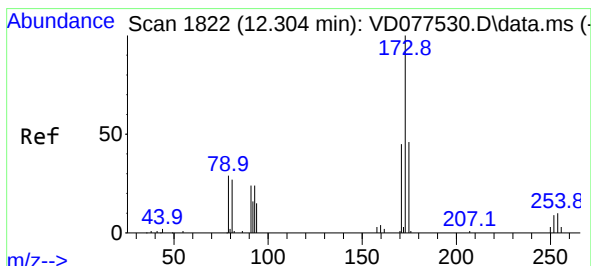
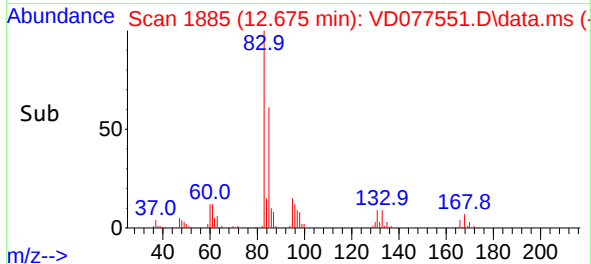
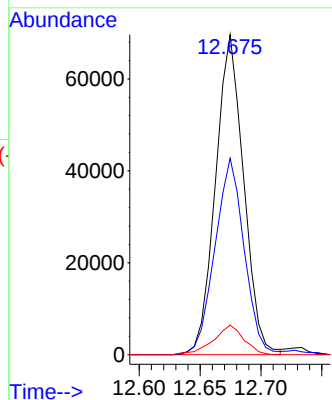
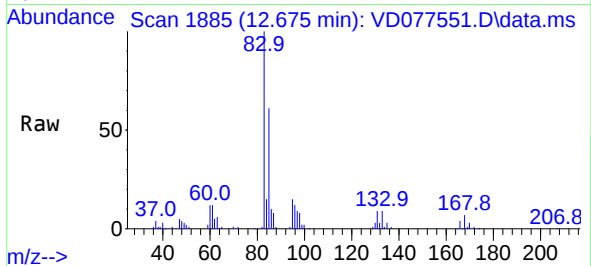




#57
1,1,2,2-Tetrachloroethane
Concen: 25.693 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

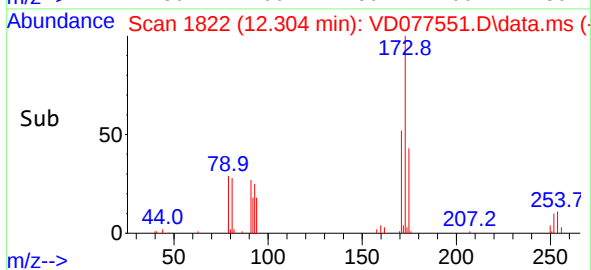
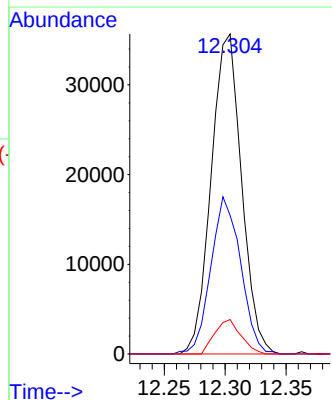
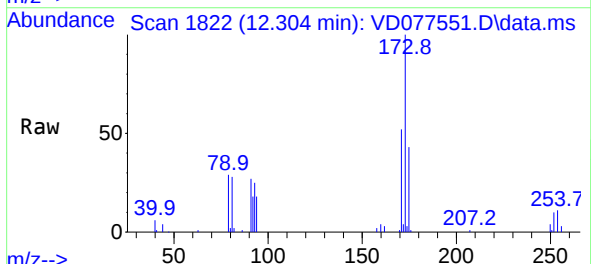
Instrument :
MSVOA_D
ClientSampleId :

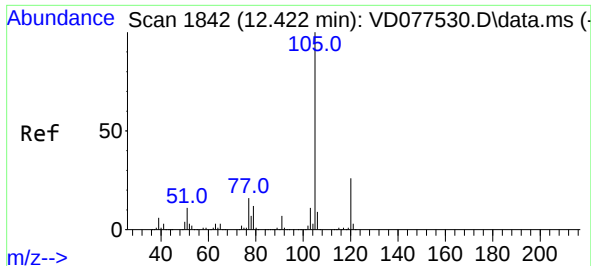
Tgt Ion: 83 Resp: 111964
Ion Ratio Lower Upper
83 100
85 61.4 44.9 83.3
131 9.3 7.2 10.8



#59
Bromoform
Concen: 24.116 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

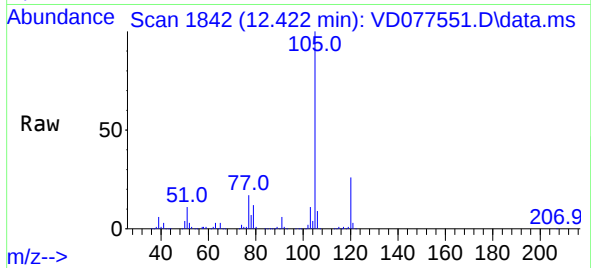
Tgt Ion:173 Resp: 61975
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
254 9.2 7.1 10.7



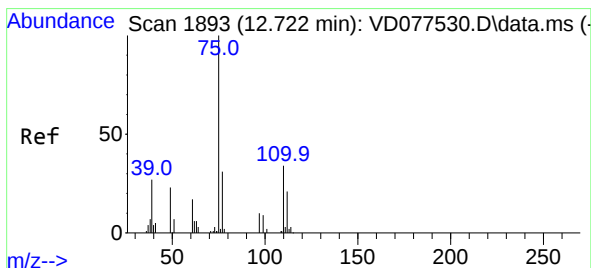
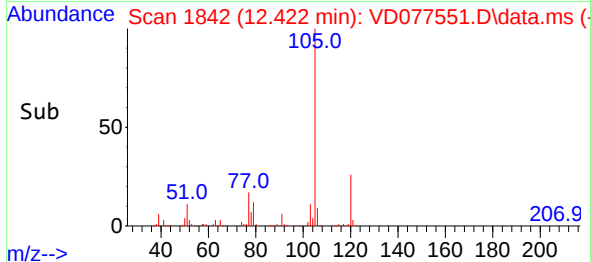
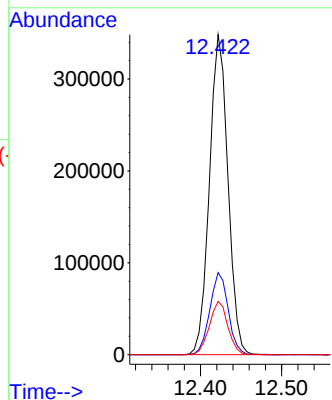


#60
Isopropylbenzene
Concen: 22.593 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

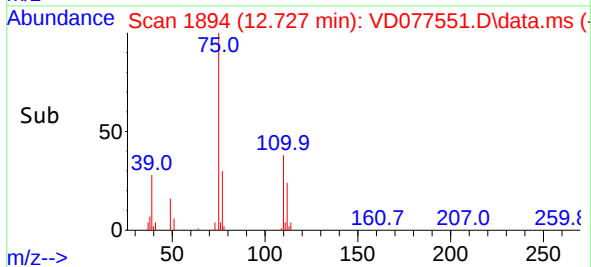
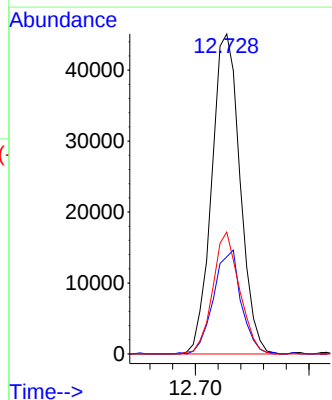
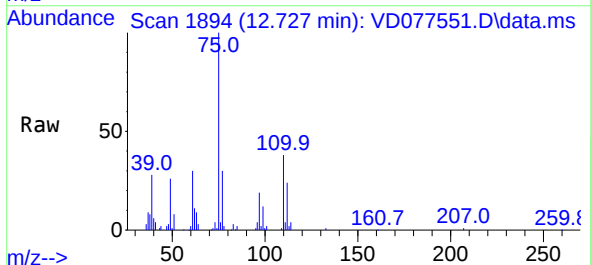


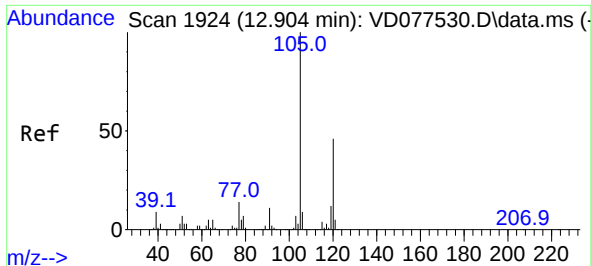
Tgt Ion:105 Resp: 550843
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.4
77 16.7 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 24.334 ug/L
RT: 12.727 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

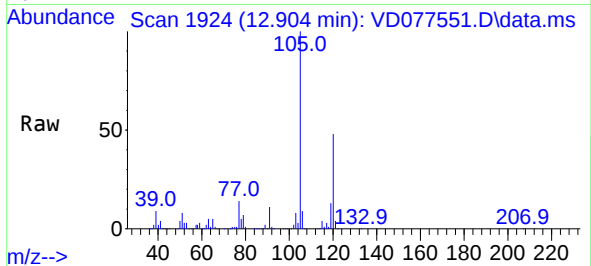
Tgt Ion: 75 Resp: 78128
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
110 35.9 29.6 44.4



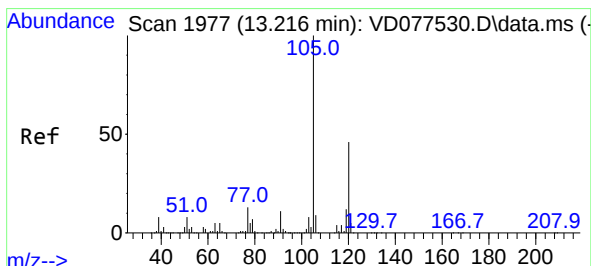
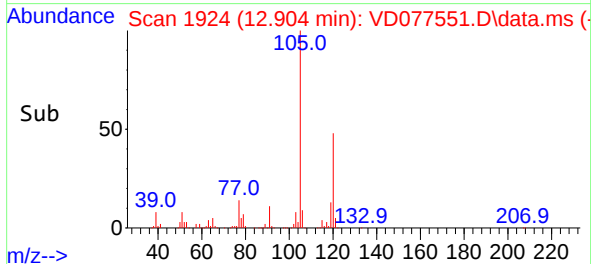
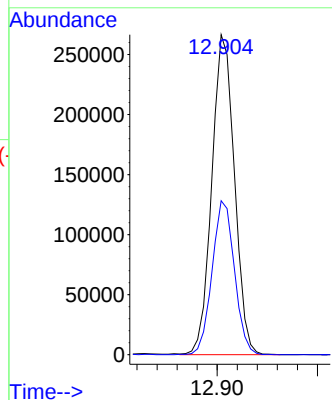


#62
1,3,5-Trimethylbenzene
Concen: 22.568 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

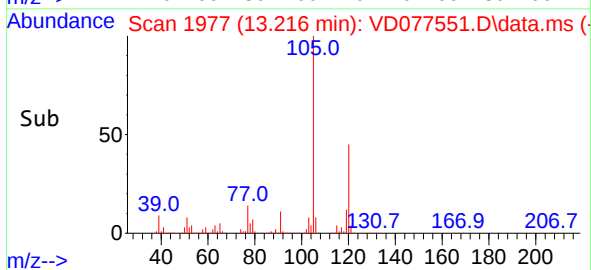
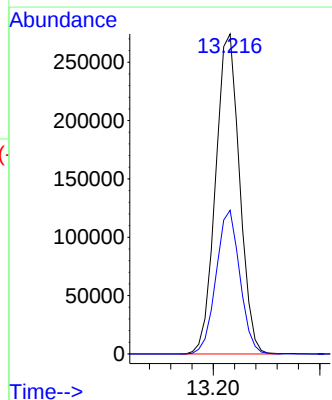
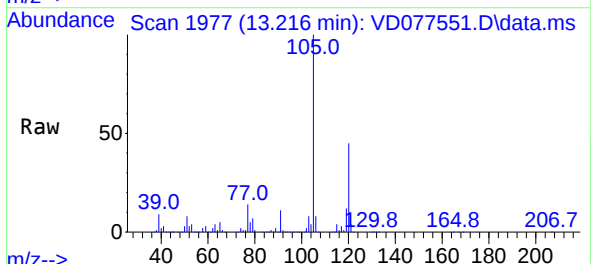


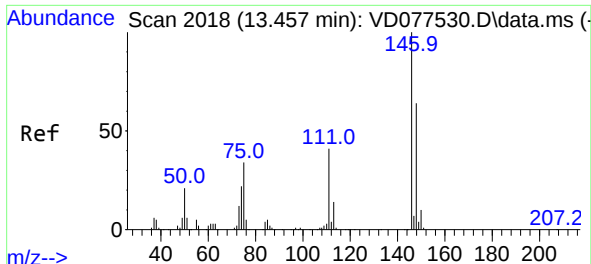
Tgt Ion:105 Resp: 417605
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 22.855 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

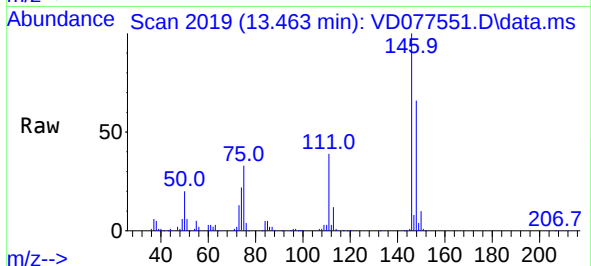
Tgt Ion:105 Resp: 428386
Ion Ratio Lower Upper
105 100
120 44.4 35.6 53.4



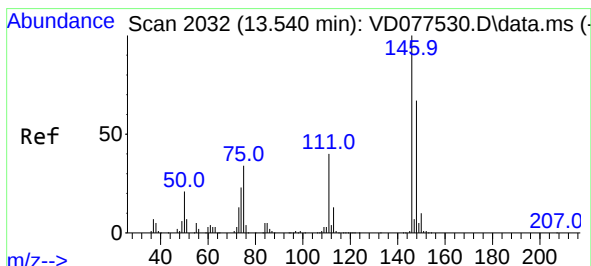
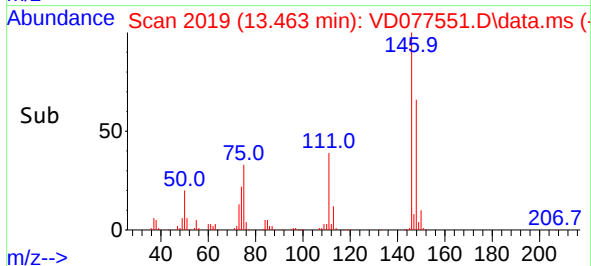
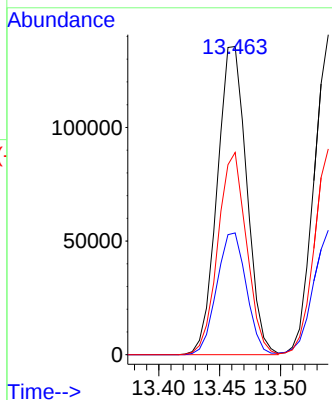


#64
1,3-Dichlorobenzene
Concen: 22.864 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

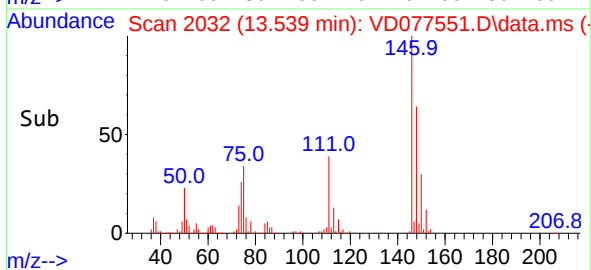
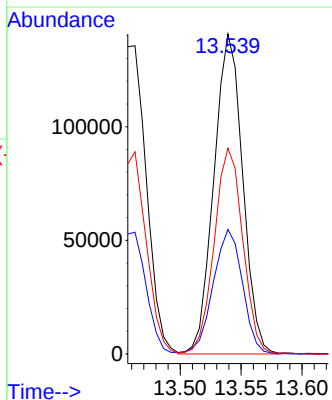
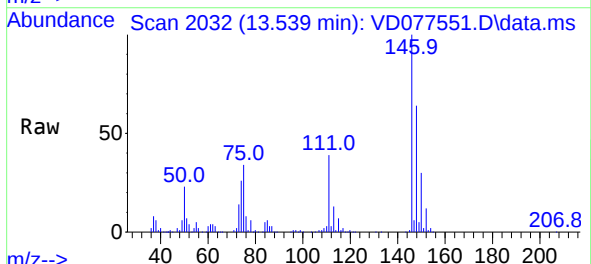


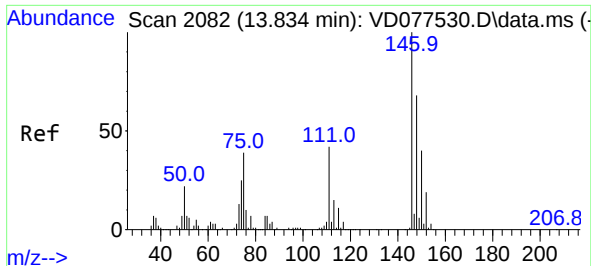
Tgt Ion:146 Resp: 228692
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.6
148 65.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 22.912 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

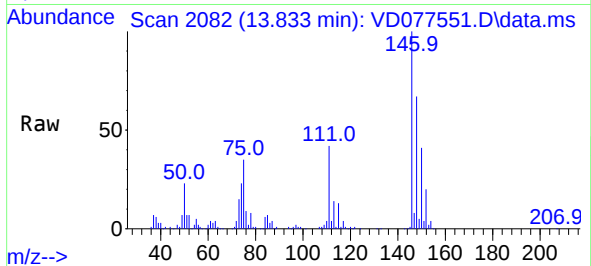
Tgt Ion:146 Resp: 231285
Ion Ratio Lower Upper
146 100
111 38.9 25.6 47.4
148 64.3 44.1 81.9



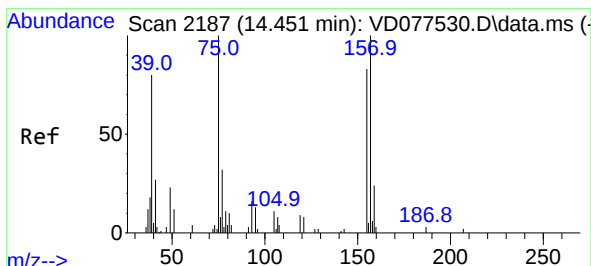
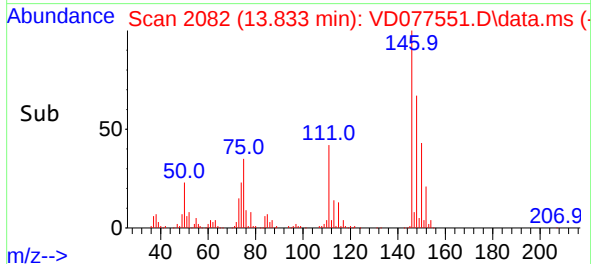
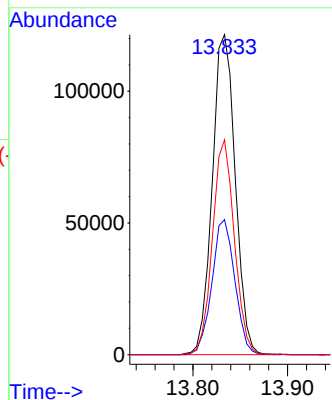


#67
1,2-Dichlorobenzene
Concen: 23.208 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

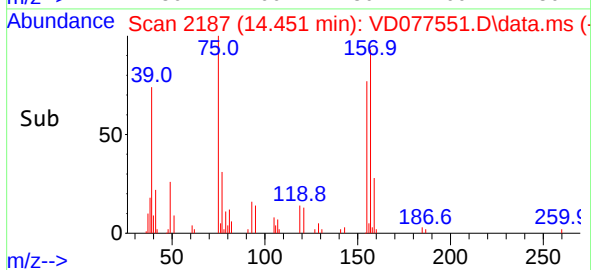
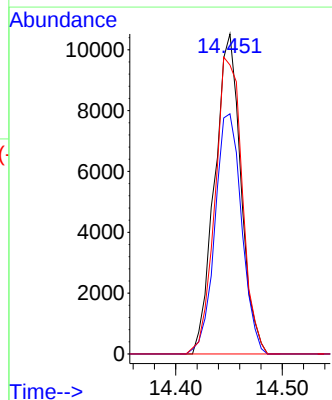
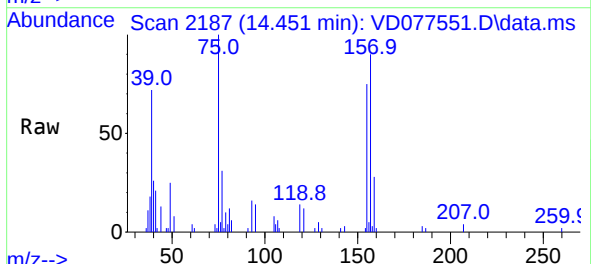


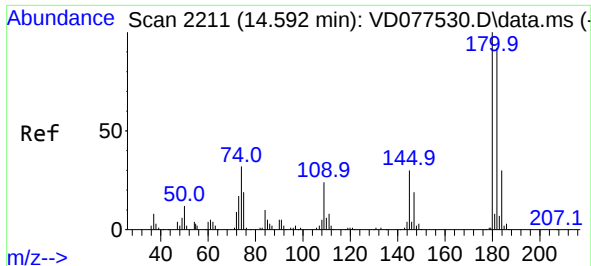
Tgt Ion:146 Resp: 205230
Ion Ratio Lower Upper
146 100
111 42.2 33.8 50.6
148 67.1 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.607 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

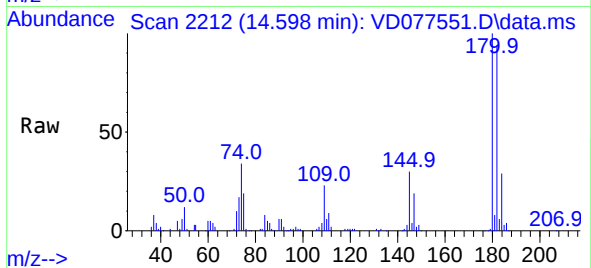
Tgt Ion: 75 Resp: 17883
Ion Ratio Lower Upper
75 100
155 75.0 58.2 87.2
157 90.3 68.7 103.1



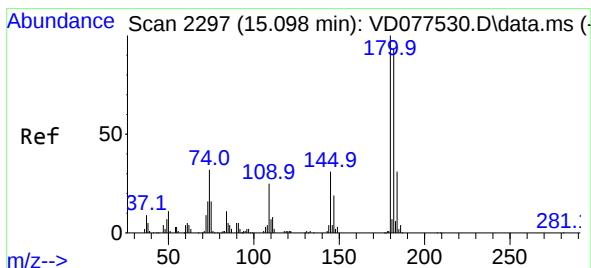
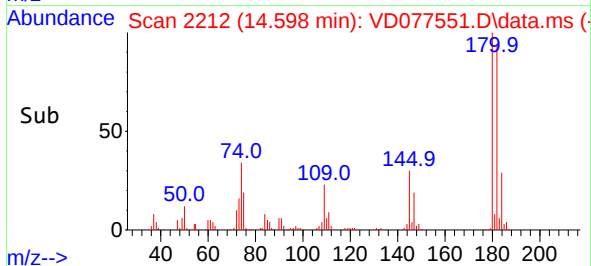
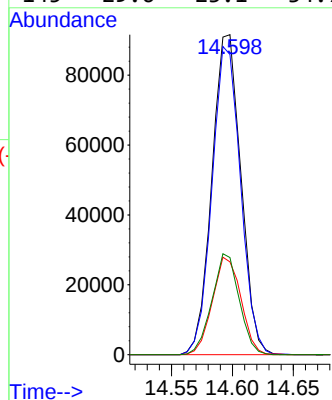


#69
 1,3,5-Trichlorobenzene
 Concen: 22.293 ug/L
 RT: 14.598 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VD077551.D
 Acq: 13 Nov 2023 16:30

Instrument :
 MSVOA_D
 ClientSampleId :

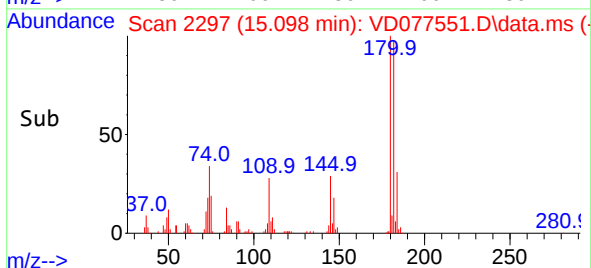
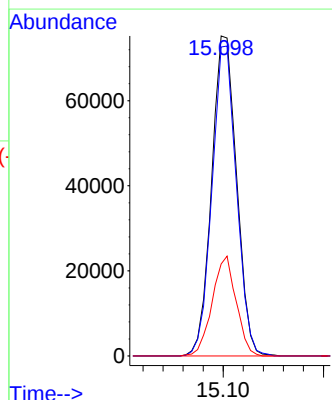
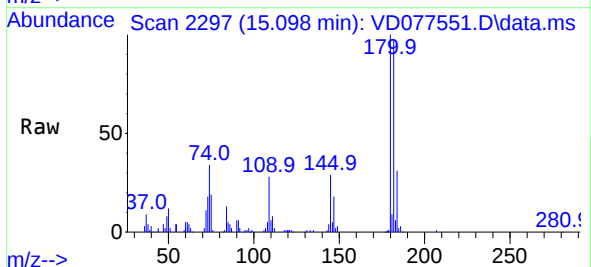


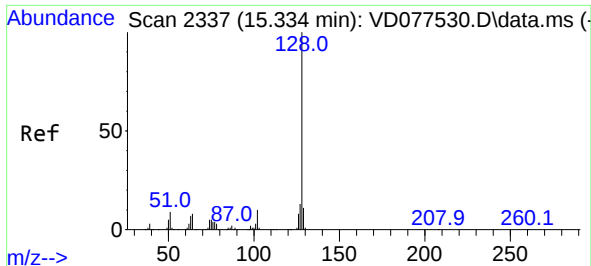
Tgt Ion:180 Resp: 151825
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.1 114.1
 184 30.0 24.0 36.0
 145 29.6 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.660 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD077551.D
 Acq: 13 Nov 2023 16:30

Tgt Ion:180 Resp: 130069
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.6
 145 29.9 24.1 36.1

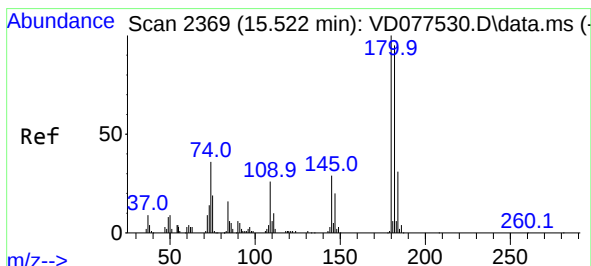
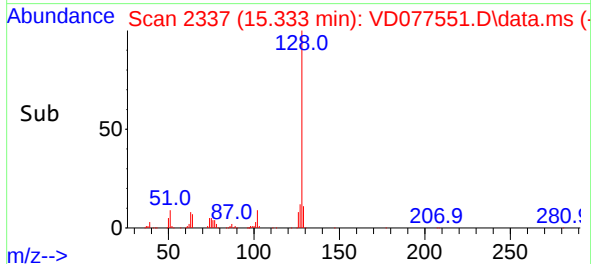
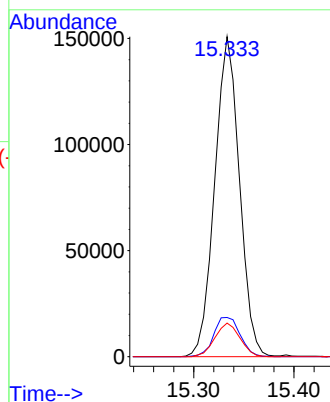
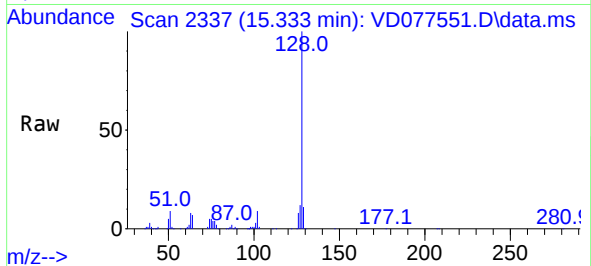




#71
Naphthalene
Concen: 23.875 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 258273
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 23.135 ug/L
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077551.D
Acq: 13 Nov 2023 16:30

Tgt Ion:180 Resp: 113227
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 32.2 26.0 39.0

