

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077681.D
 Acq On : 24 Nov 2023 10:02
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 26 23:56:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	246636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	231956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	123347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	173638	27.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.720%	
7) Chloroethane-d5	2.811	69	143028	29.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.080%	
11) 1,1-Dichloroethene-d2	3.922	65	50911	26.242	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.960%	
21) 2-Butanone-d5	6.987	46	56829	52.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.640%	
24) Chloroform-d	7.569	84	192910	27.076	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.320%	
26) 1,2-Dichloroethane-d4	8.234	65	107225	28.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 113.160%	
32) Benzene-d6	8.205	84	399335	26.526	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.120%	
36) 1,2-Dichloropropane-d6	9.210	67	125105	25.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.040%	
41) Toluene-d8	10.269	98	361798	26.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.400%	
43) trans-1,3-Dichloroprop...	10.528	79	53832	25.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.840%	
47) 2-Hexanone-d5	10.881	63	45106	51.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.840%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94493	29.084	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 116.320%	
66) 1,2-Dichlorobenzene-d4	13.816	152	112948	25.740	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	92945	23.400	ug/L	100
3) Chloromethane	2.152	50	124164	21.728	ug/L	100
5) Vinyl chloride	2.287	62	152195	23.596	ug/L	99
6) Bromomethane	2.699	94	85210	24.814	ug/L	99
8) Chloroethane	2.846	64	100367	25.030	ug/L	90
9) Trichlorofluoromethane	3.181	101	151491	25.808	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	92284	25.548	ug/L	99
12) 1,1-Dichloroethene	3.946	96	81088	23.120	ug/L	89
13) Acetone	4.022	43	61268	53.659	ug/L	98
14) Carbon disulfide	4.275	76	238488	18.884	ug/L	99
15) Methyl Acetate	4.564	43	47118	25.084	ug/L #	83
16) Methylene chloride	4.805	84	94090	22.595	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	84778	22.979	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	226748	26.185	ug/L	99
19) 1,1-Dichloroethane	6.116	63	180962	24.446	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	97814	24.403	ug/L	95
22) 2-Butanone	7.087	43	67205	48.917	ug/L	98
23) Bromochloromethane	7.428	128	42132	26.159	ug/L	95
25) Chloroform	7.599	83	178145	26.197	ug/L	98

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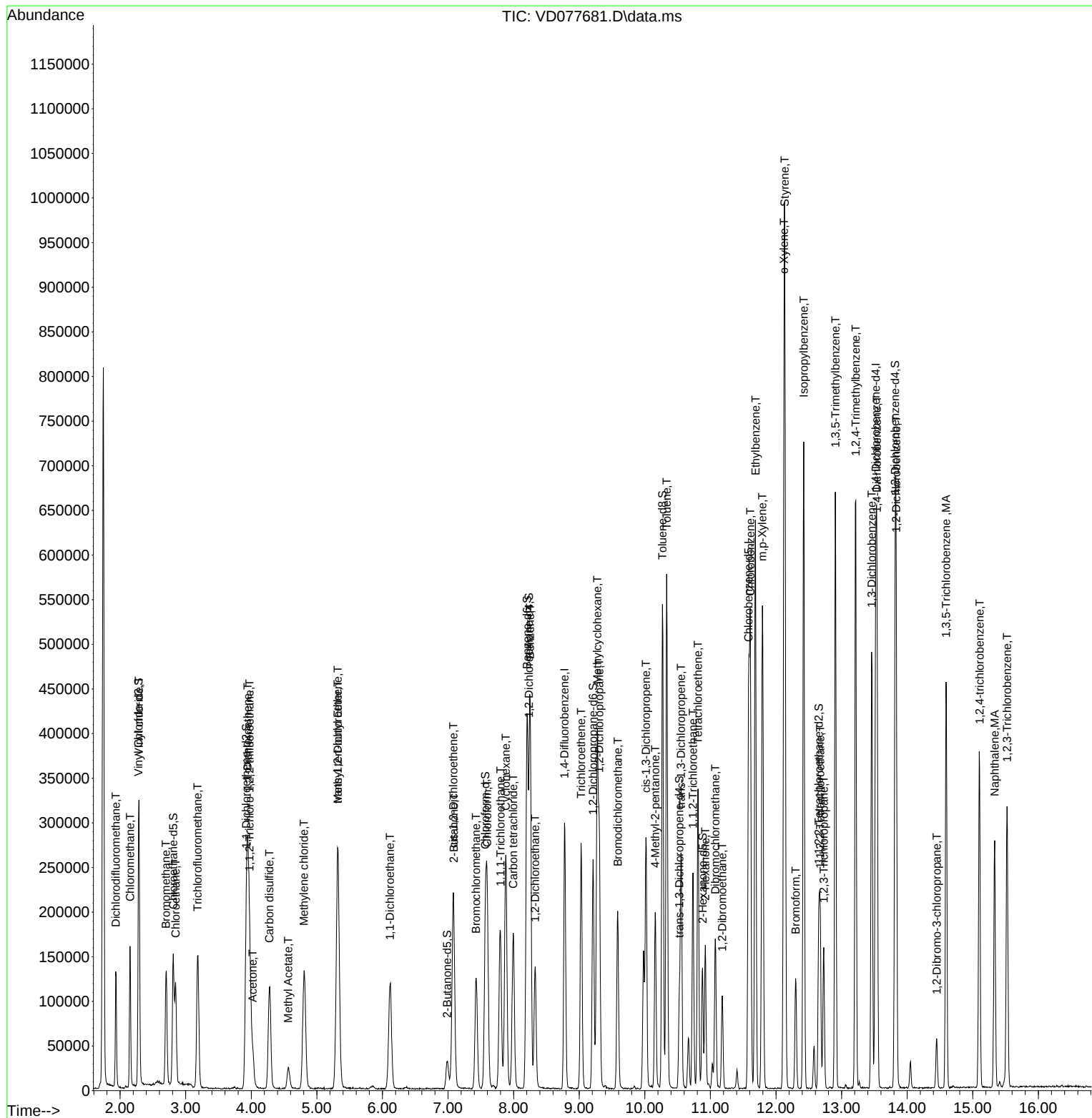
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	120406	26.710	ug/L	97
29) Cyclohexane	7.881	56	150182	19.941	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	149115	24.556	ug/L	99
31) Carbon tetrachloride	7.993	117	130278	24.964	ug/L	100
33) Benzene	8.252	78	380189	23.636	ug/L	100
34) Trichloroethene	9.028	95	94447	23.696	ug/L	91
35) Methylcyclohexane	9.275	83	154381	21.464	ug/L	97
37) 1,2-Dichloropropane	9.305	63	108464	24.256	ug/L	100
38) Bromodichloromethane	9.587	83	131539	25.645	ug/L	92
39) cis-1,3-Dichloropropene	10.016	75	168313	24.494	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	139673	51.256	ug/L	98
42) Toluene	10.334	91	409900	24.272	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	145651	25.652	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	74185	27.140	ug/L	93
46) Tetrachloroethene	10.810	164	72752	24.807	ug/L	96
48) 2-Hexanone	10.922	43	99866	46.235	ug/L	95
49) Dibromochloromethane	11.075	129	84746	27.294	ug/L	97
50) 1,2-Dibromoethane	11.181	107	68541	26.222	ug/L	96
51) Chlorobenzene	11.610	112	252194	25.490	ug/L	96
52) Ethylbenzene	11.687	91	458209	24.658	ug/L	99
53) m,p-Xylene	11.793	106	167560	24.780	ug/L	94
54) o-Xylene	12.122	106	164109	25.340	ug/L	97
55) Styrene	12.134	104	294347	26.030	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	91414	28.389	ug/L	99
59) Bromoform	12.298	173	54225	25.785	ug/L	99
60) Isopropylbenzene	12.422	105	459116	23.011	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62904	23.941	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	347614	22.956	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	355554	23.180	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	197209	24.093	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	204847	24.798	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	181302	25.054	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	14099	24.670	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.592	180	136497	24.491	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	118392	25.205	ug/L	99
71) Naphthalene	15.334	128	224026	25.307	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	103327	25.799	ug/L	98

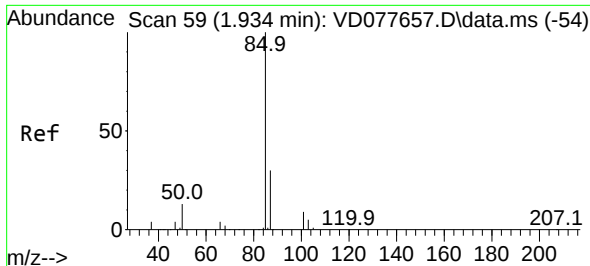
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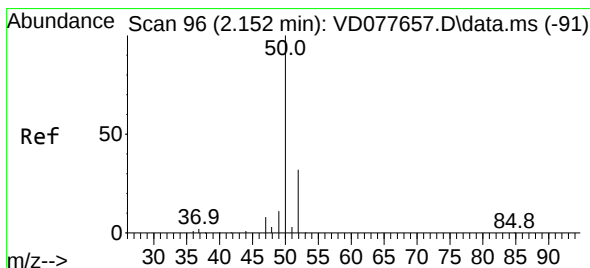
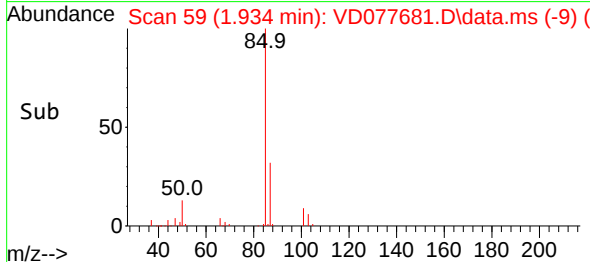
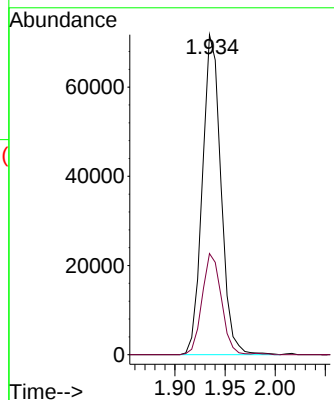
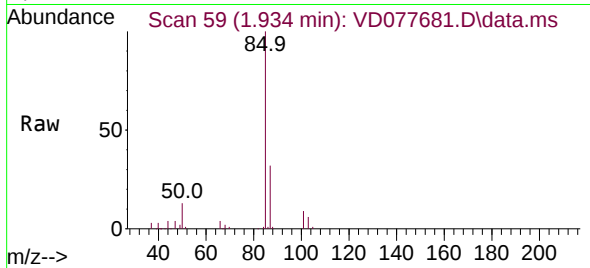




#2
Dichlorodifluoromethane
Concen: 23.400 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

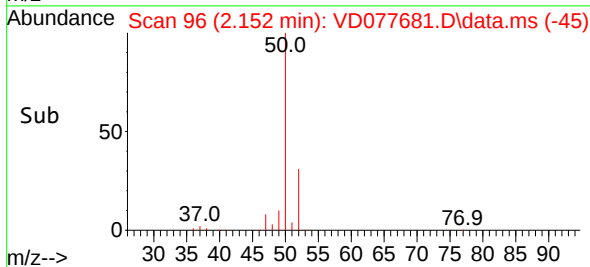
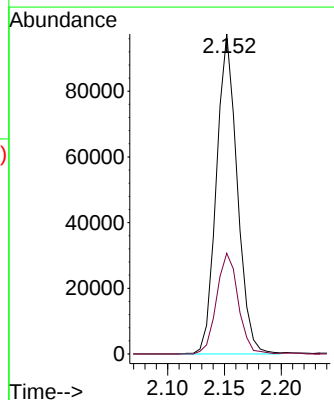
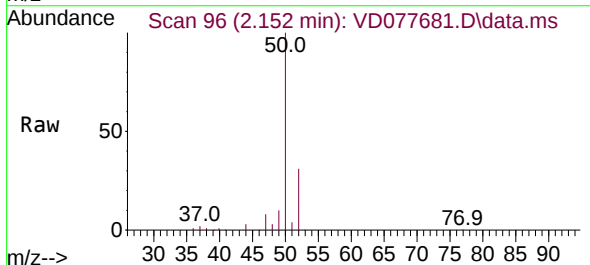
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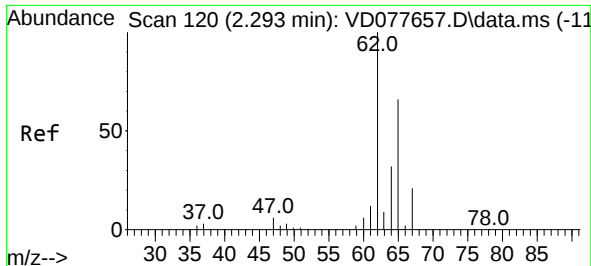
Tgt Ion: 85 Resp: 92945
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.2



#3
Chloromethane
Concen: 21.728 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion: 50 Resp: 124164
Ion Ratio Lower Upper
50 100
52 31.5 22.1 41.1

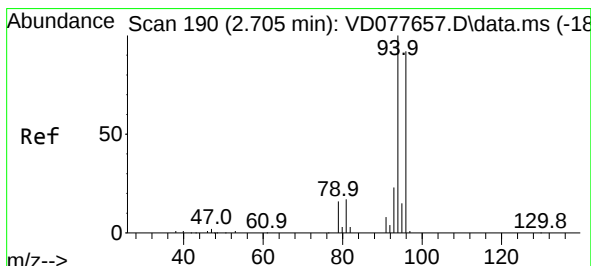
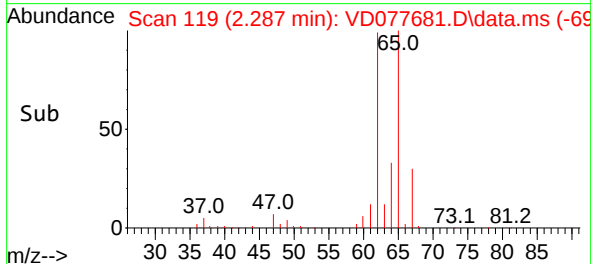
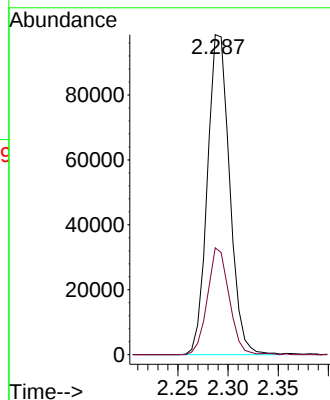
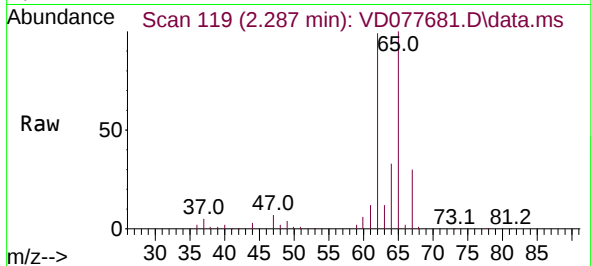




#5
 Vinyl chloride
 Concen: 23.596 ug/L
 RT: 2.287 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

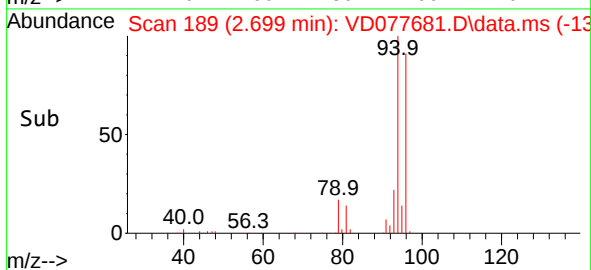
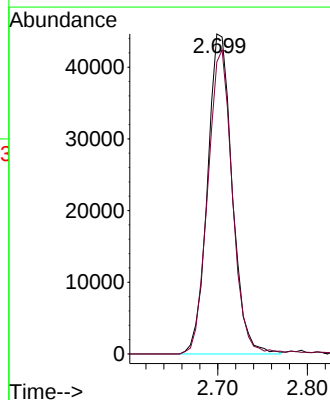
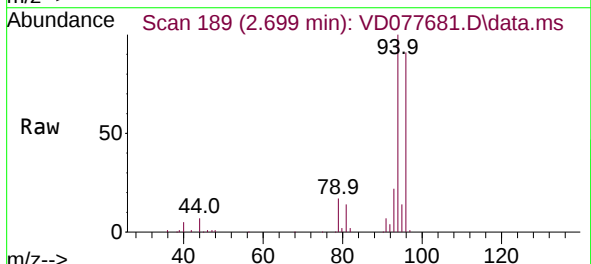
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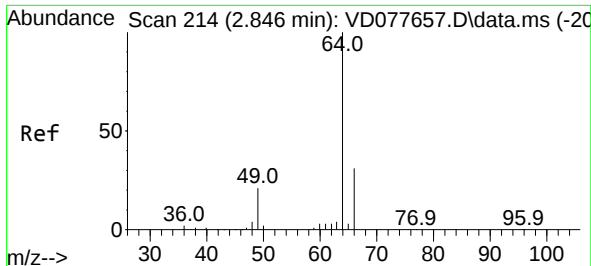
Tgt Ion: 62 Resp: 152195
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.9 44.5



#6
 Bromomethane
 Concen: 24.814 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.006 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

Tgt Ion: 94 Resp: 85210
 Ion Ratio Lower Upper
 94 100
 96 91.2 64.5 119.9

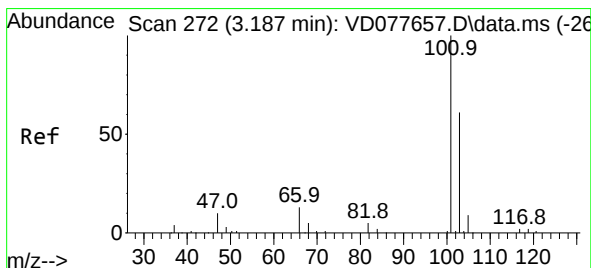
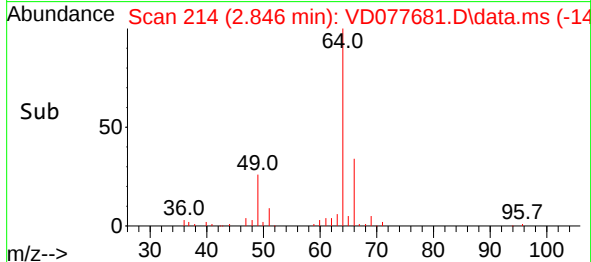
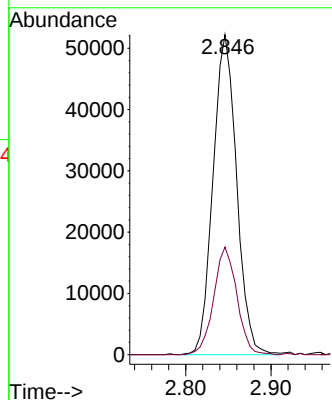
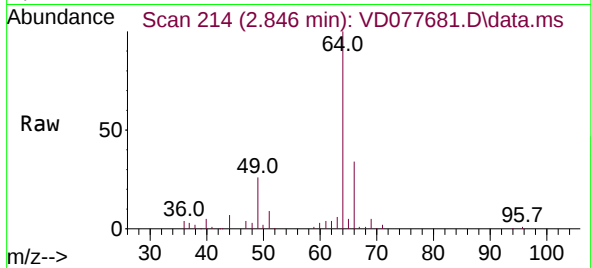




#8
Chloroethane
Concen: 25.030 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

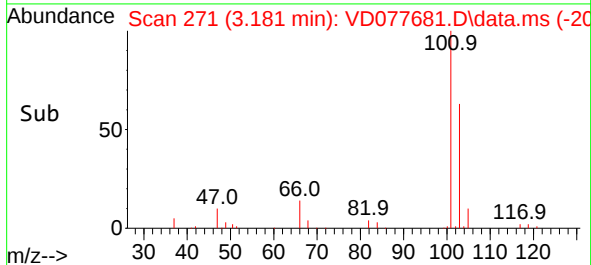
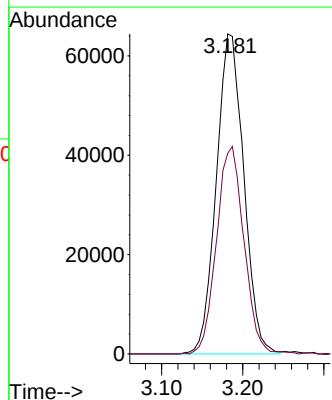
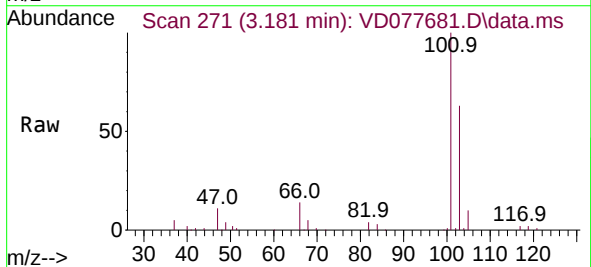
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MSVOA_D
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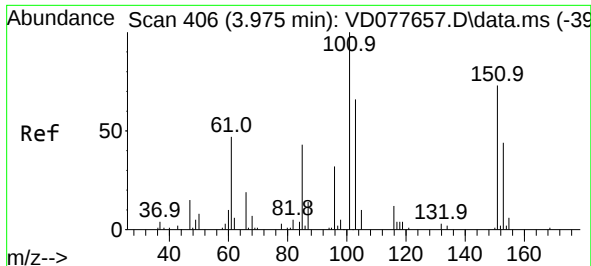
Tgt Ion: 64 Resp: 100367
Ion Ratio Lower Upper
64 100
66 33.6 19.8 36.8



#9
Trichlorofluoromethane
Concen: 25.808 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion:101 Resp: 151491
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

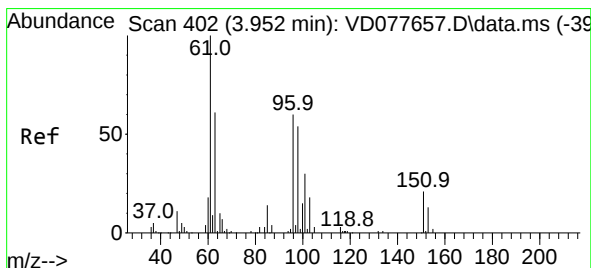
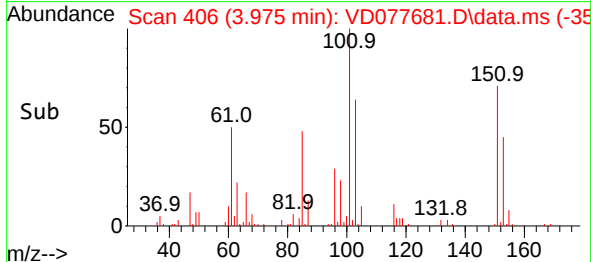
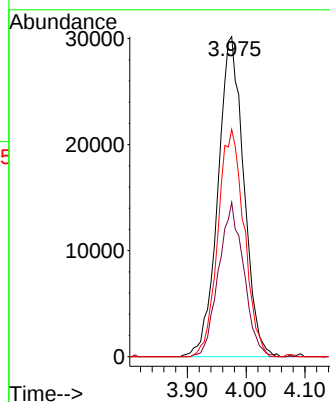
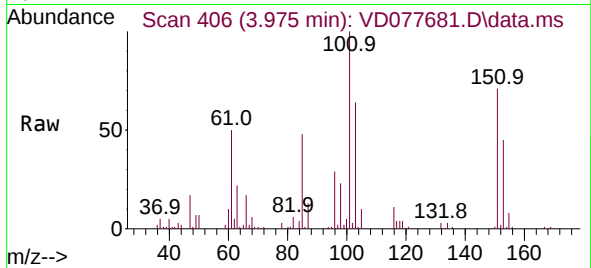




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.548 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

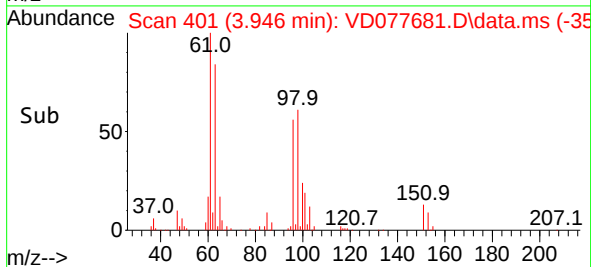
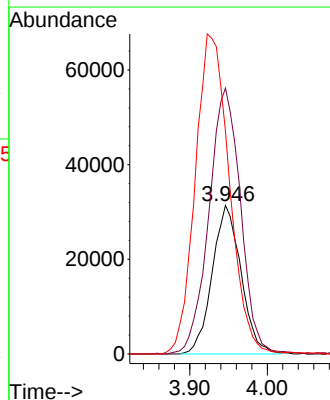
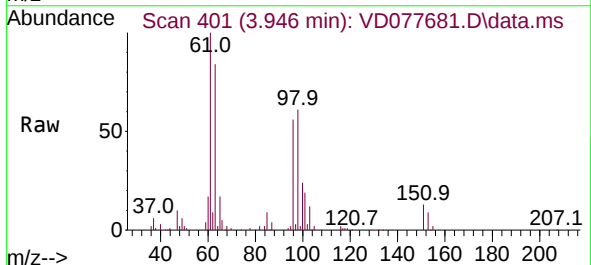
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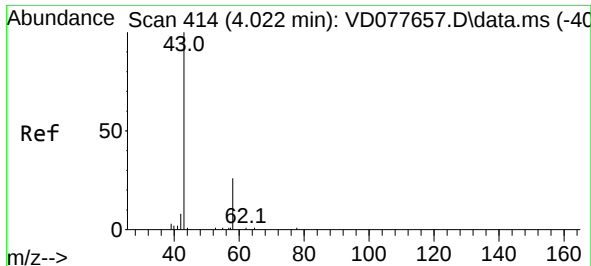
Tgt Ion:101 Resp: 92284
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.8 55.2
 151 71.7 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 23.120 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

Tgt Ion: 96 Resp: 81088
 Ion Ratio Lower Upper
 96 100
 61 178.9 127.5 236.9
 63 149.8 86.4 160.4

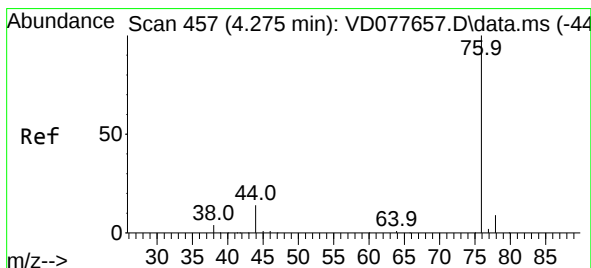
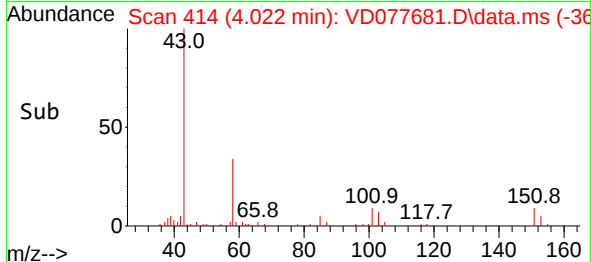
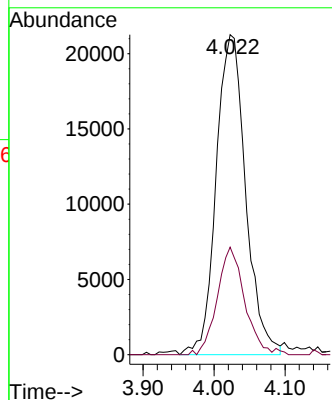
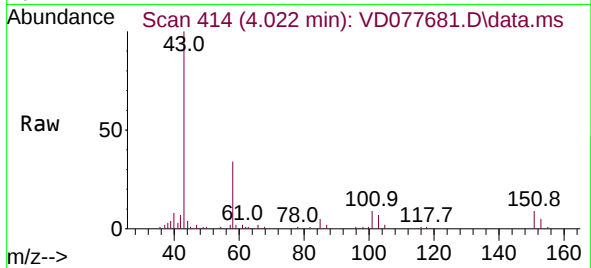




#13
Acetone
Concen: 53.659 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

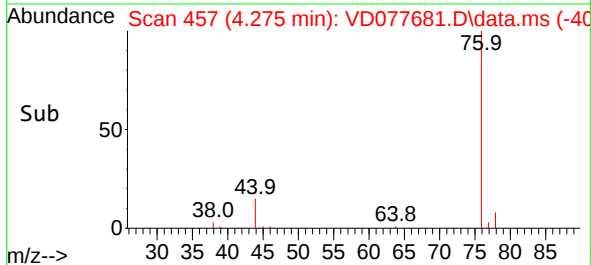
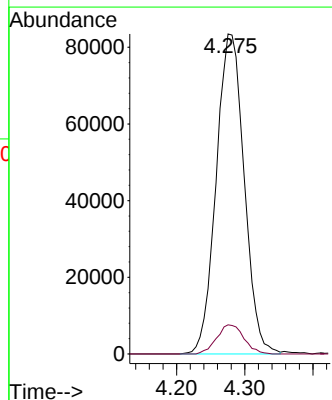
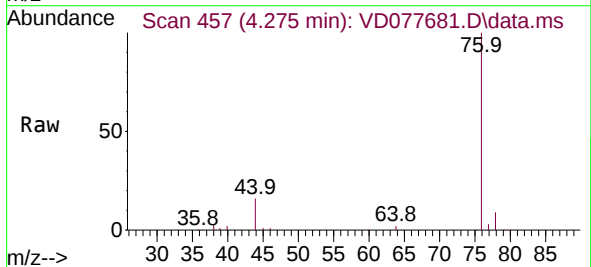
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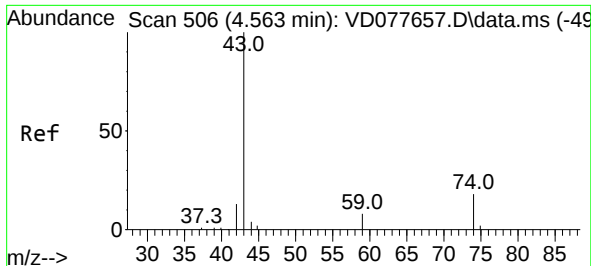
Tgt Ion: 43 Resp: 61268
Ion Ratio Lower Upper
43 100
58 30.7 0.0 64.0



#14
Carbon disulfide
Concen: 18.884 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 238488
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

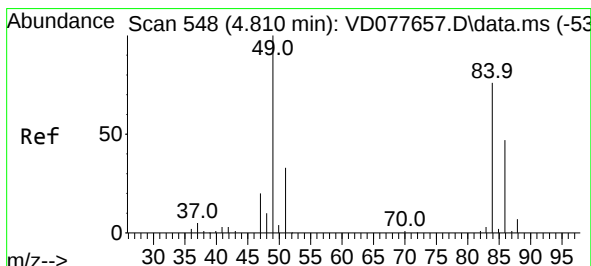
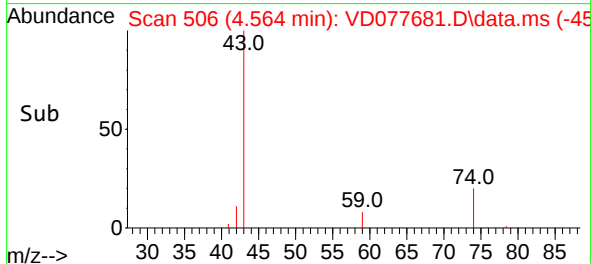
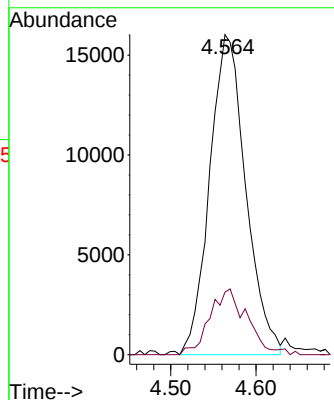
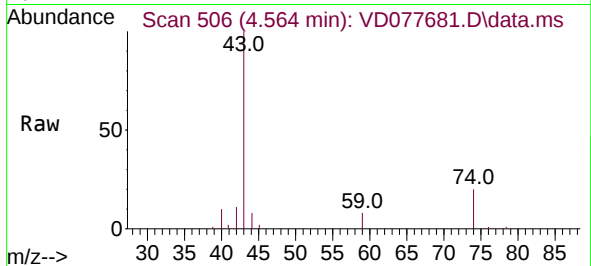




#15
Methyl Acetate
Concen: 25.084 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

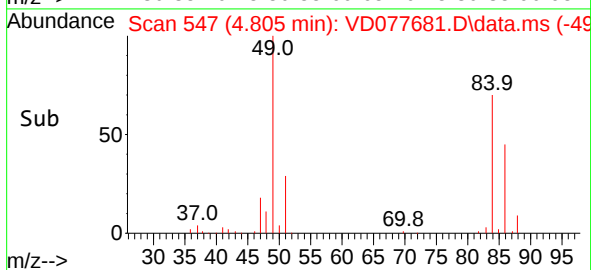
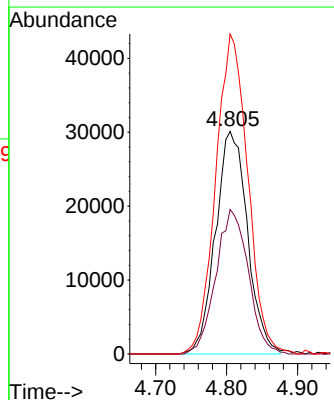
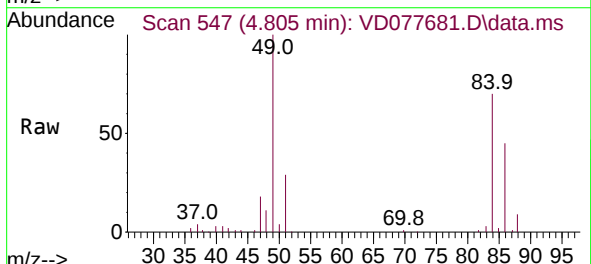
Instrument :
MSVOA_D
ClientSampleId :

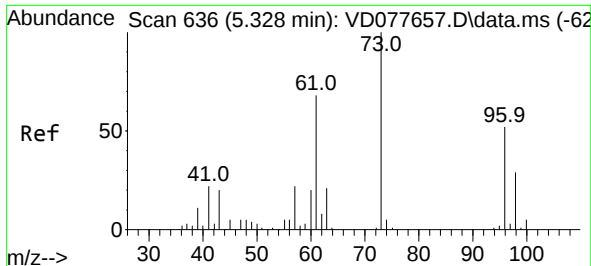
Tgt Ion: 43 Resp: 47118
Ion Ratio Lower Upper
43 100
74 12.7 16.6 24.8#



#16
Methylene chloride
Concen: 22.595 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion: 84 Resp: 94090
Ion Ratio Lower Upper
84 100
86 64.9 46.5 86.5
49 143.8 98.3 182.7

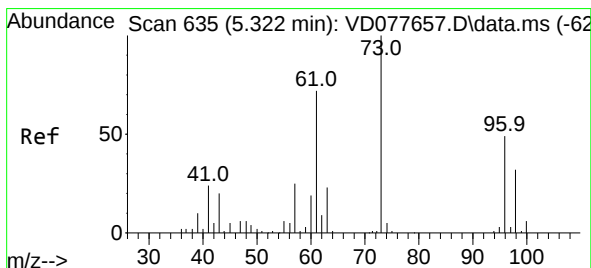
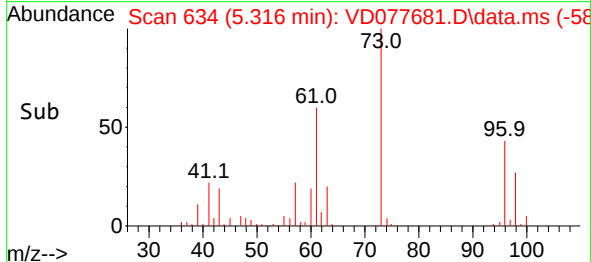
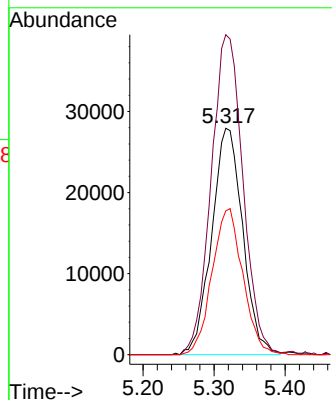
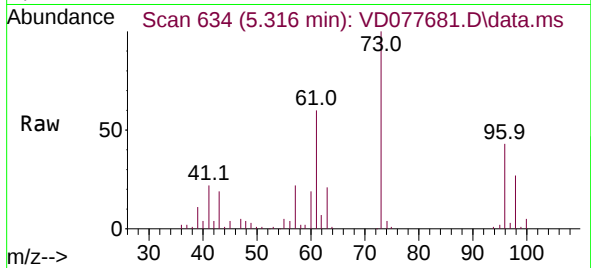




#17
trans-1,2-Dichloroethene
Concen: 22.979 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

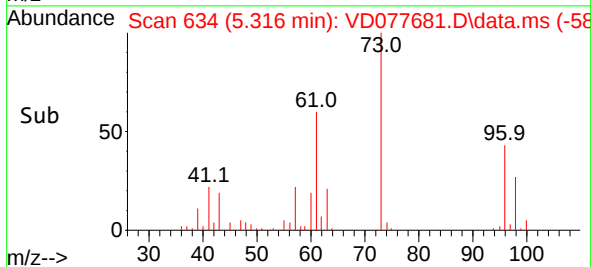
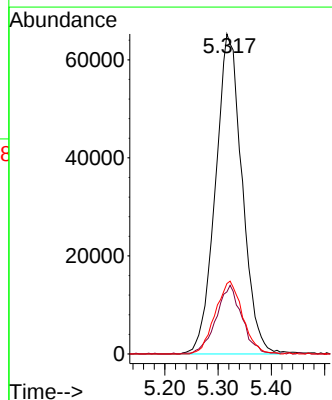
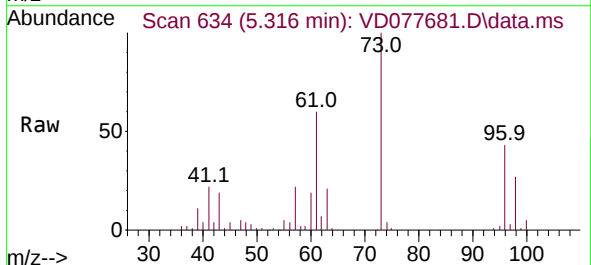
Instrument :
MSVOA_D
ClientSampleId :

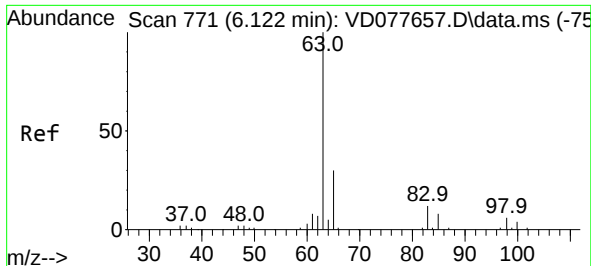
Tgt Ion: 96 Resp: 84778
Ion Ratio Lower Upper
96 100
61 141.3 104.0 193.2
98 63.5 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 26.185 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.012 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion: 73 Resp: 226748
Ion Ratio Lower Upper
73 100
43 20.2 16.4 24.6
57 23.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.446 ug/L

RT: 6.116 min Scan# 771

Delta R.T. -0.006 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

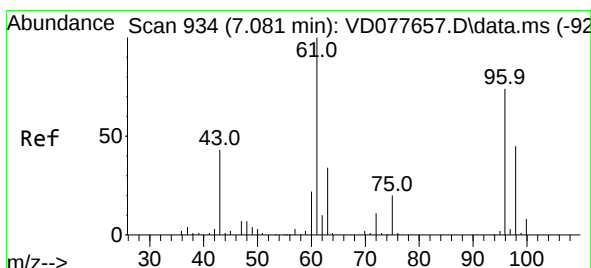
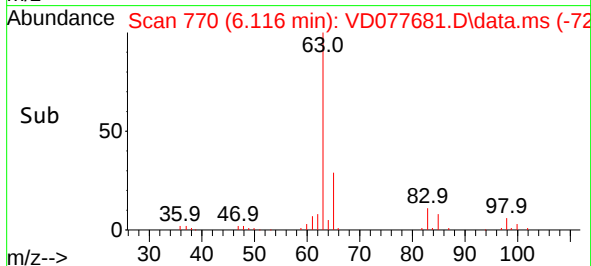
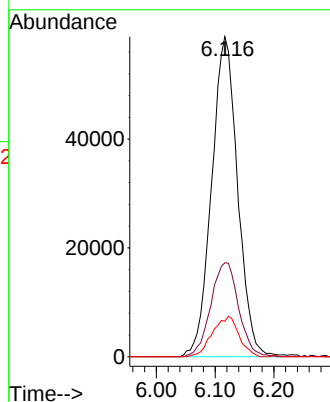
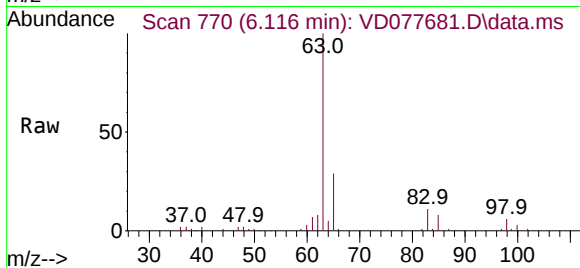
Tgt Ion: 63 Resp: 180962

Ion Ratio Lower Upper

63 100

65 29.3 22.6 42.0

83 11.0 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.403 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

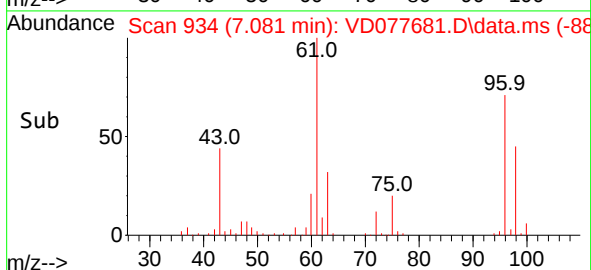
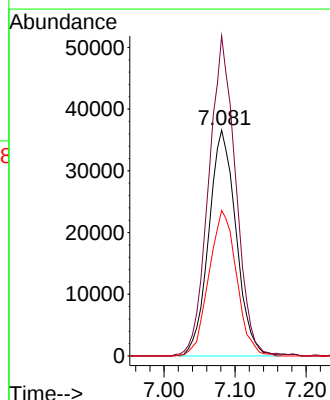
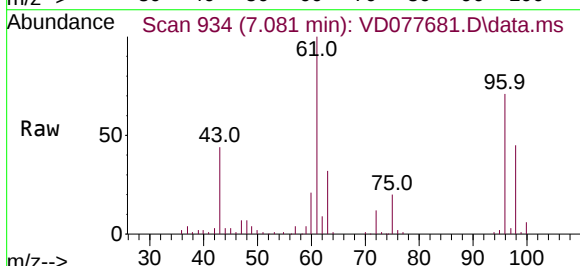
Tgt Ion: 96 Resp: 97814

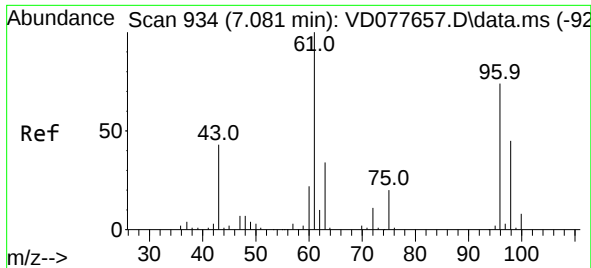
Ion Ratio Lower Upper

96 100

61 141.8 95.0 176.4

98 64.4 43.1 80.1

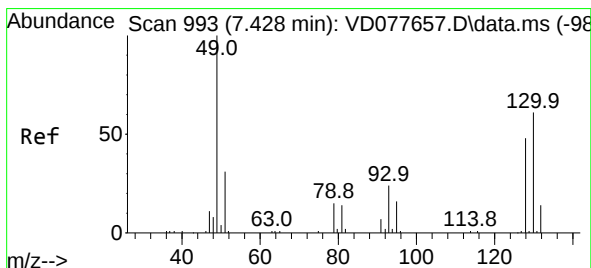
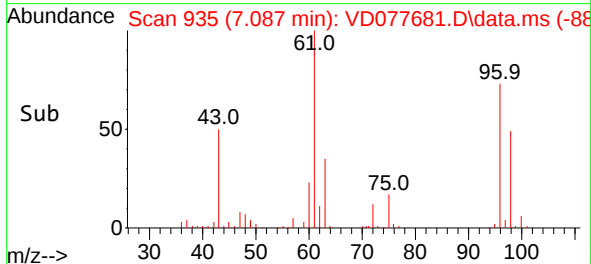
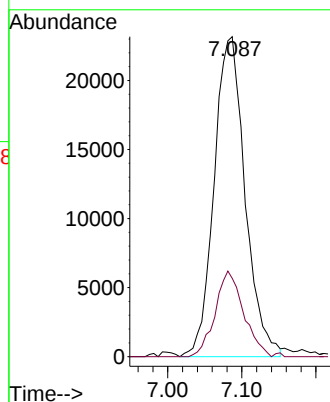
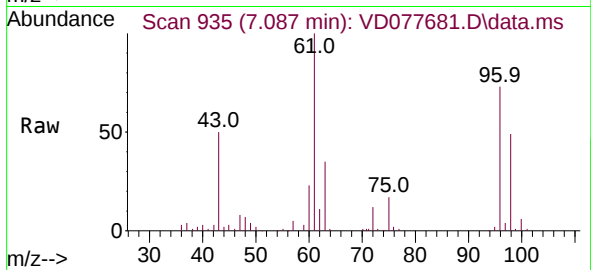




#22
2-Butanone
Concen: 48.917 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

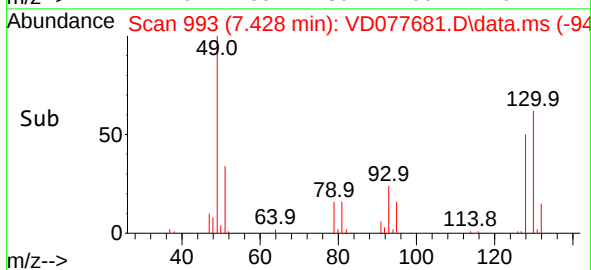
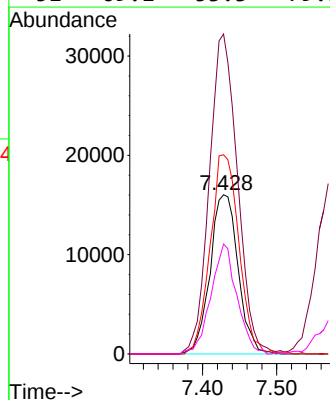
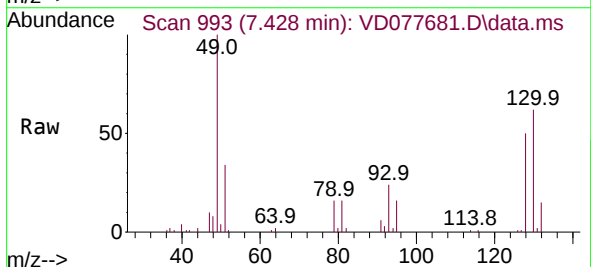
Instrument :
MSVOA_D
ClientSampleId :

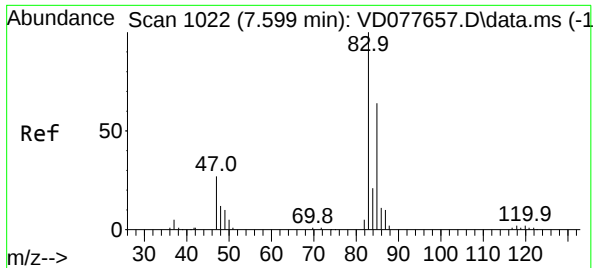
Tgt Ion: 43 Resp: 67205
Ion Ratio Lower Upper
43 100
72 24.5 12.8 38.4



#23
Bromochloromethane
Concen: 26.159 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion:128 Resp: 42132
Ion Ratio Lower Upper
128 100
49 201.1 146.7 272.5
130 125.2 83.2 154.6
51 69.1 53.3 79.9





#25

Chloroform

Concen: 26.197 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

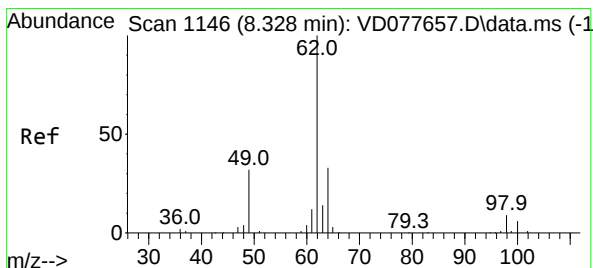
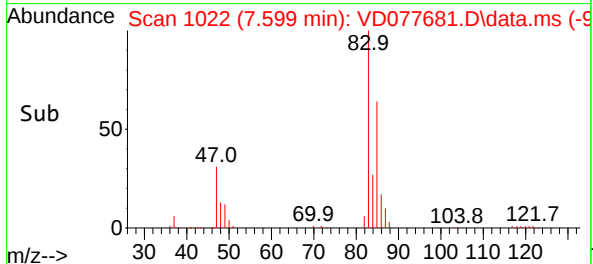
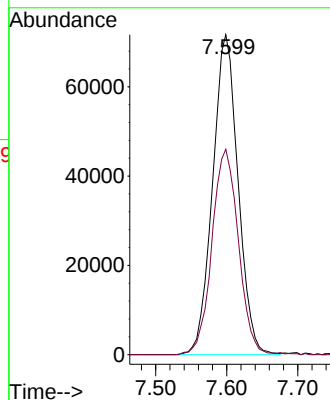
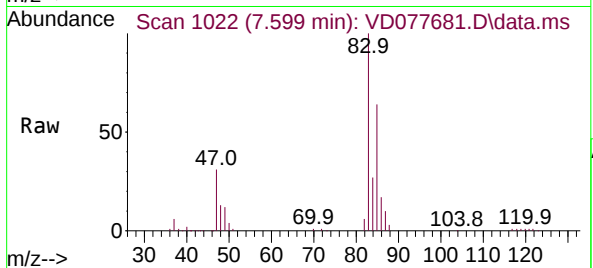
ClientSampleId :

Tgt Ion: 83 Resp: 178145

Ion Ratio Lower Upper

83 100

85 64.2 45.9 85.3



#27

1,2-Dichloroethane

Concen: 26.710 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: VD077681.D

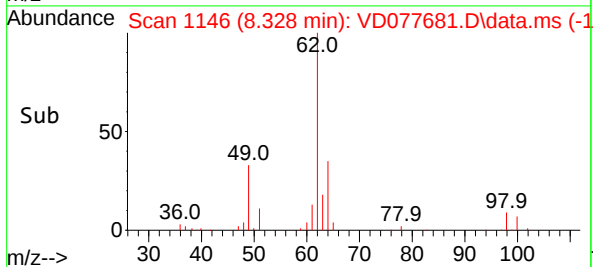
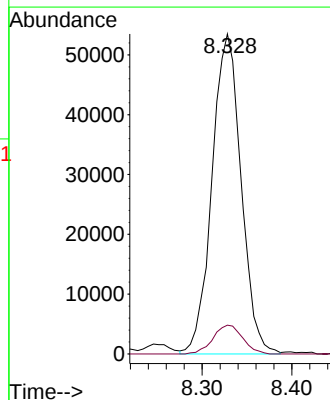
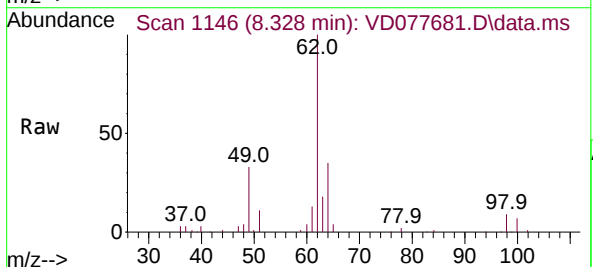
Acq: 24 Nov 2023 10:02

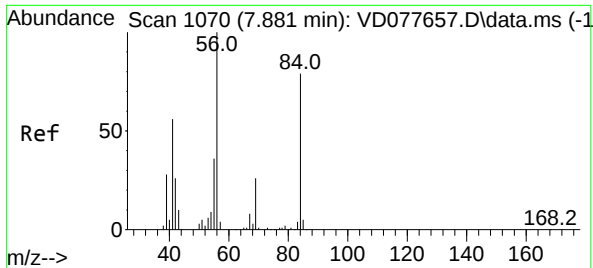
Tgt Ion: 62 Resp: 120406

Ion Ratio Lower Upper

62 100

98 9.0 8.0 12.0





#29

Cyclohexane

Concen: 19.941 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

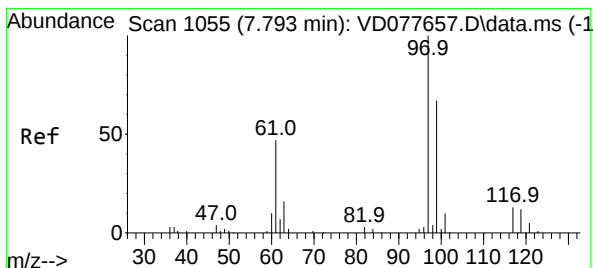
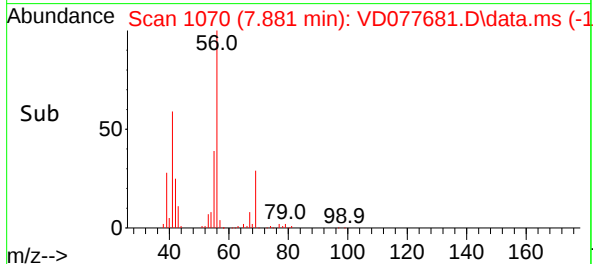
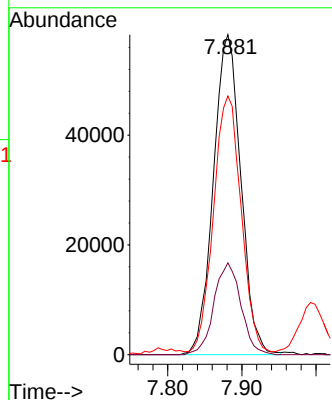
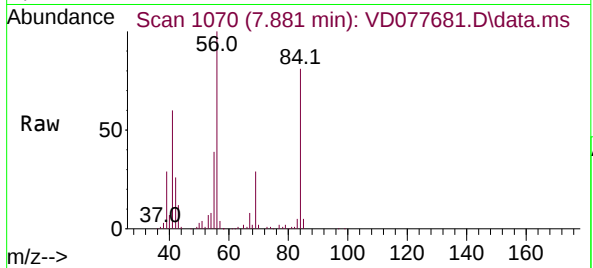
Tgt Ion: 56 Resp: 150182

Ion Ratio Lower Upper

56 100

69 28.1 22.6 33.8

84 81.7 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 24.556 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

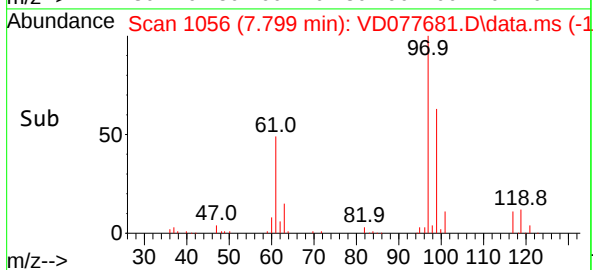
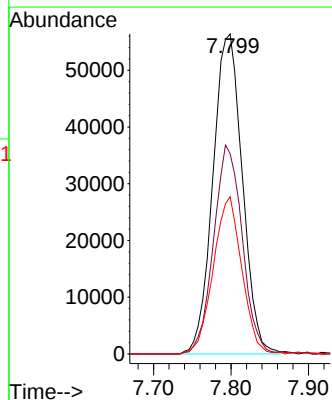
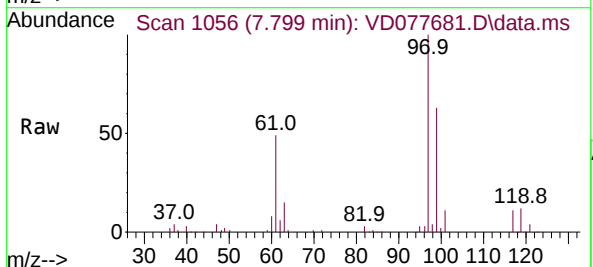
Tgt Ion: 97 Resp: 149115

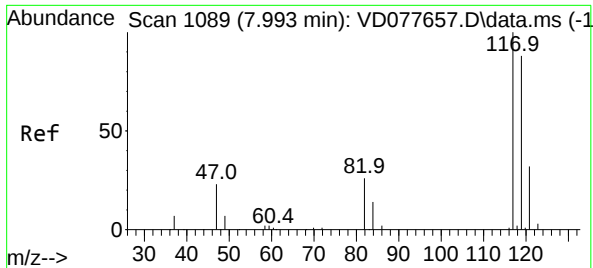
Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.2

61 47.5 38.1 57.1

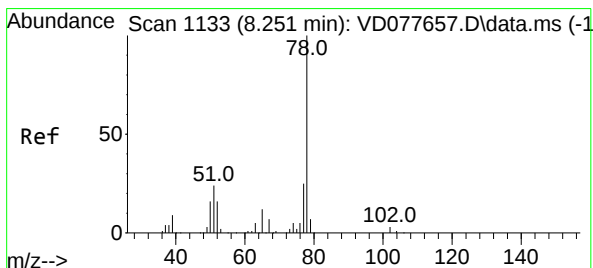
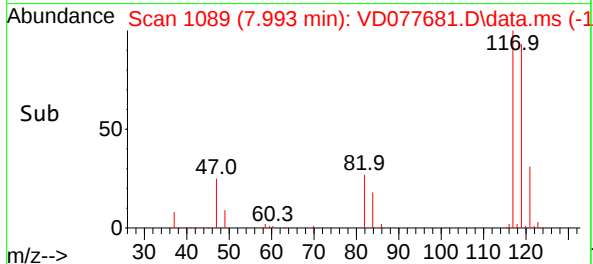
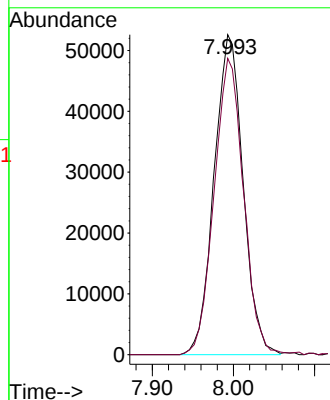
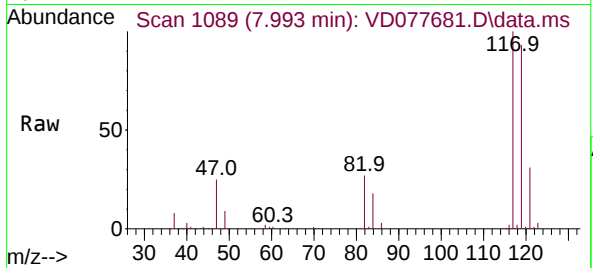




#31
Carbon tetrachloride
Concen: 24.964 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

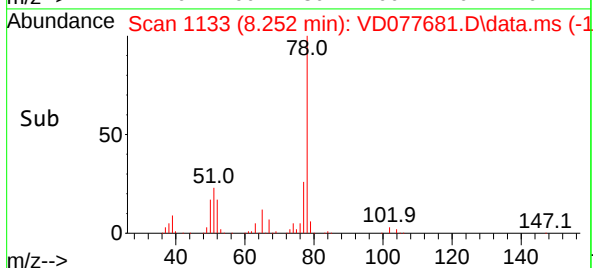
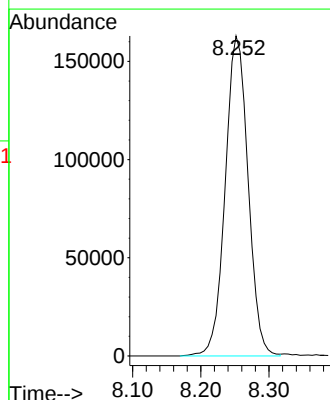
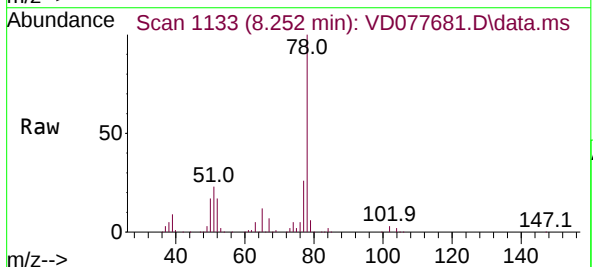
Instrument :
MSVOA_D
ClientSampleId :

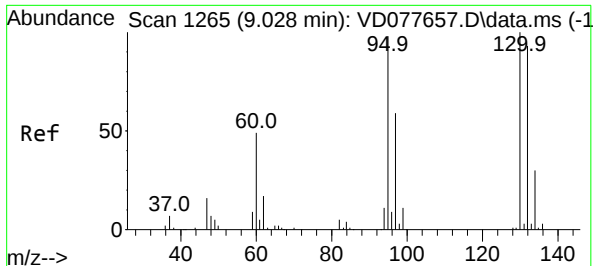
Tgt Ion:117 Resp: 130278
Ion Ratio Lower Upper
117 100
119 94.0 75.4 113.0



#33
Benzene
Concen: 23.636 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion: 78 Resp: 380189

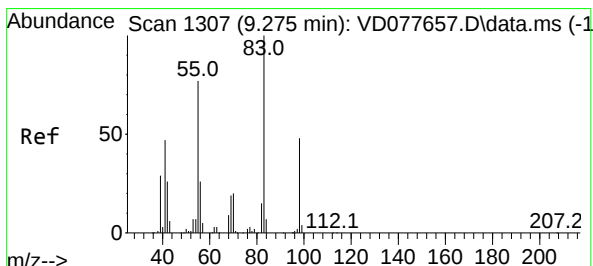
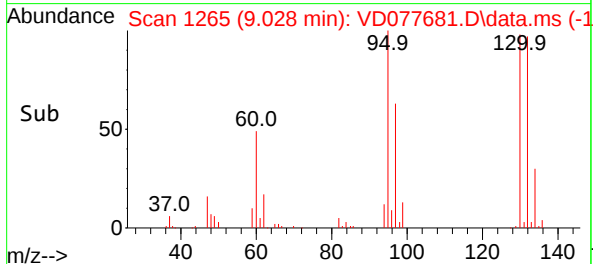
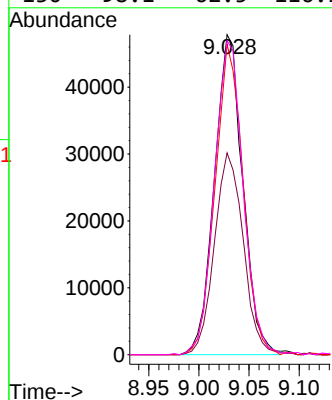
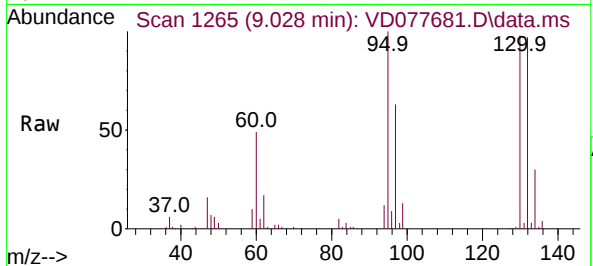




#34
Trichloroethene
Concen: 23.696 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

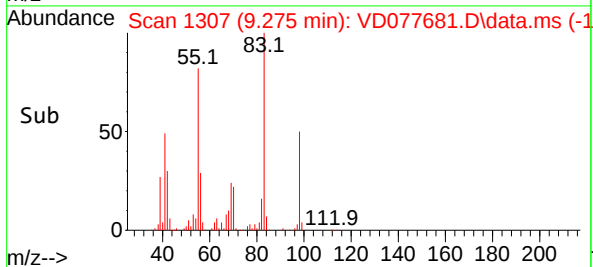
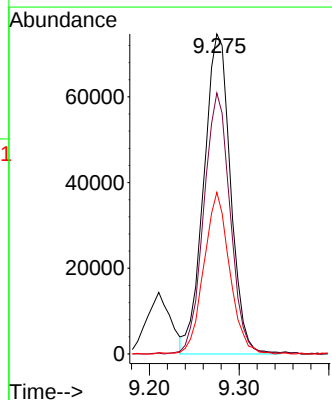
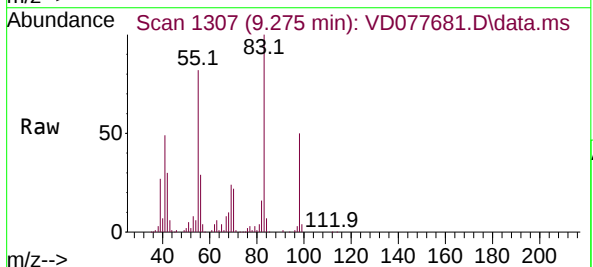
Instrument :
MSVOA_D
ClientSampleId :

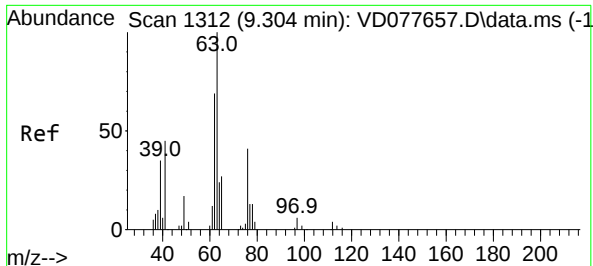
Tgt Ion: 95 Resp: 94447
Ion Ratio Lower Upper
95 100
97 63.1 42.4 78.6
132 97.0 59.4 110.2
130 98.1 62.5 116.1



#35
Methylcyclohexane
Concen: 21.464 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion: 83 Resp: 154381
Ion Ratio Lower Upper
83 100
55 80.7 66.5 99.7
98 48.5 37.4 56.2





#37

1,2-Dichloropropane

Concen: 24.256 ug/L

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

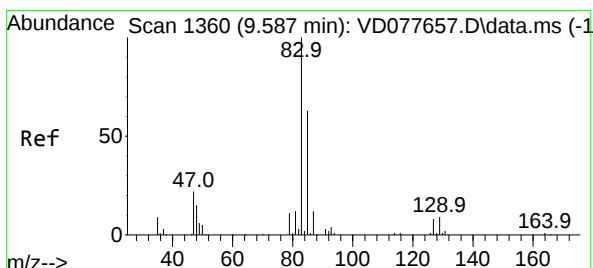
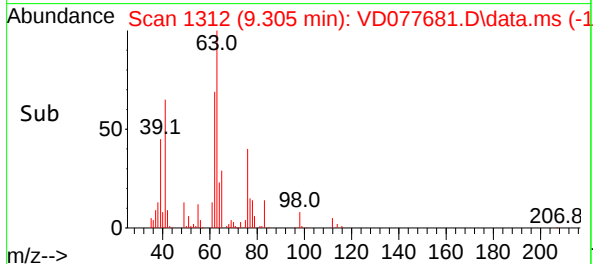
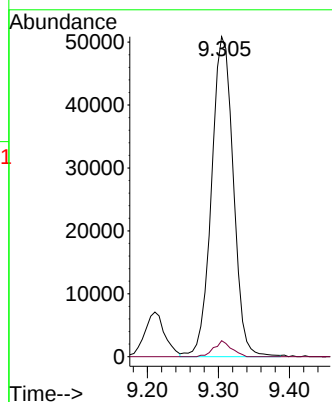
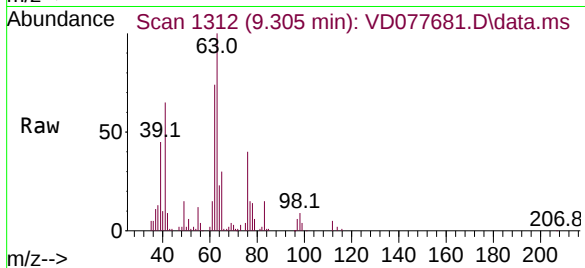
ClientSampleId :

Tgt Ion: 63 Resp: 108464

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 25.645 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

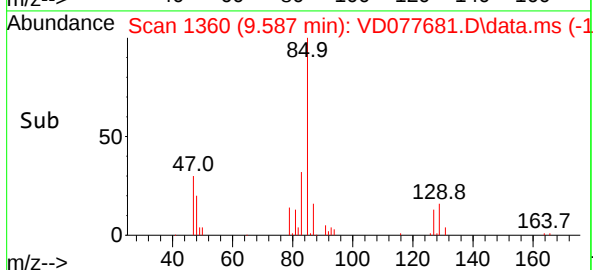
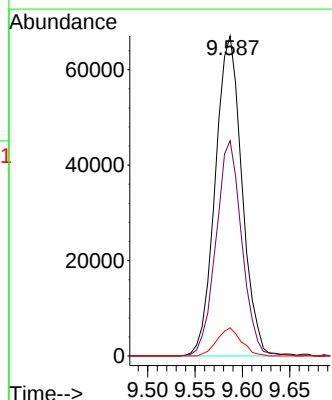
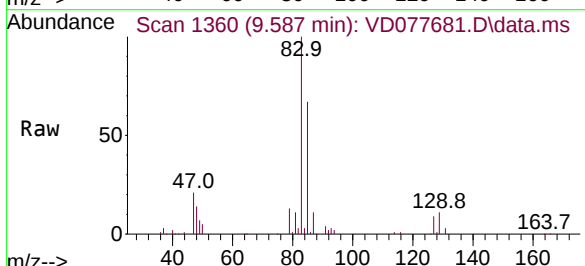
Tgt Ion: 83 Resp: 131539

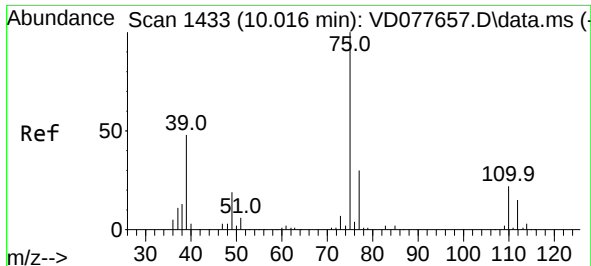
Ion Ratio Lower Upper

83 100

85 67.2 42.4 78.8

127 8.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.494 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.006 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

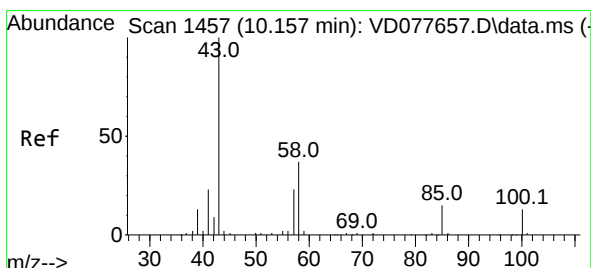
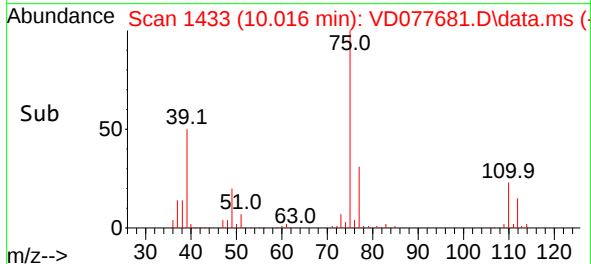
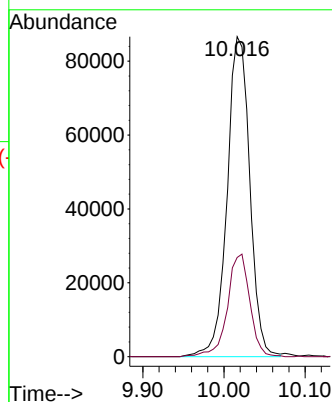
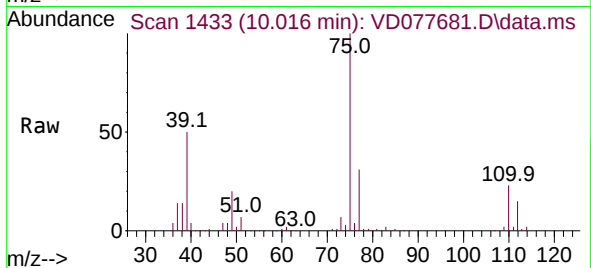
ClientSampleId :

Tgt Ion: 75 Resp: 168313

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.256 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

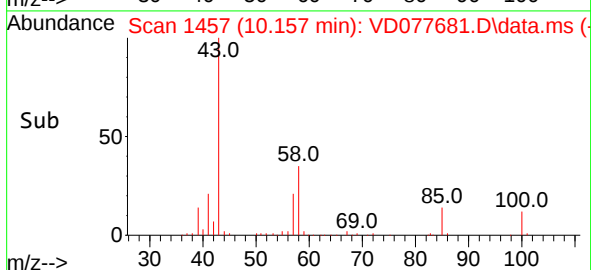
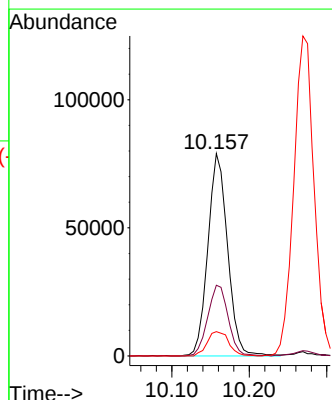
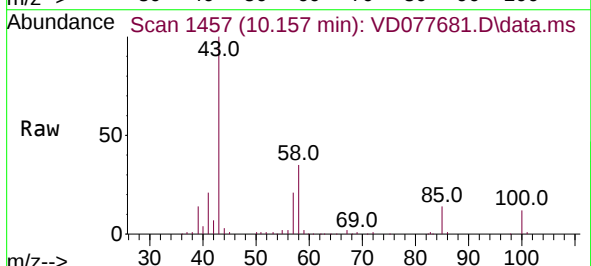
Tgt Ion: 43 Resp: 139673

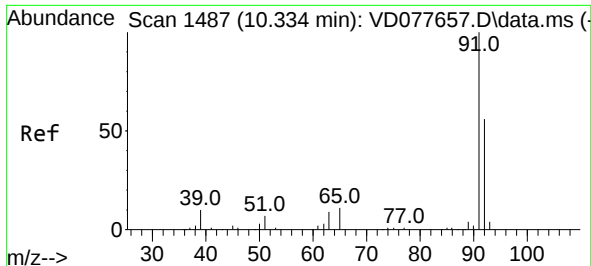
Ion Ratio Lower Upper

43 100

58 36.2 29.8 44.8

100 13.1 9.5 14.3

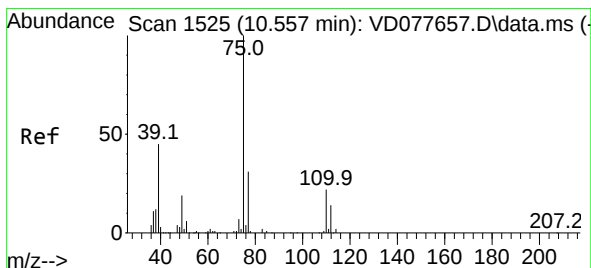
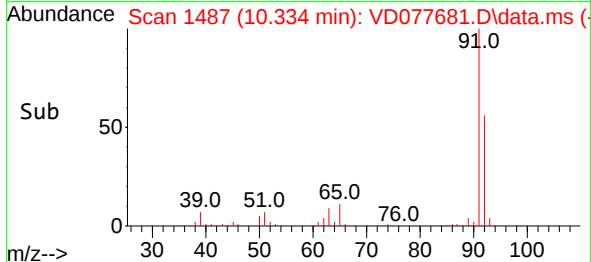
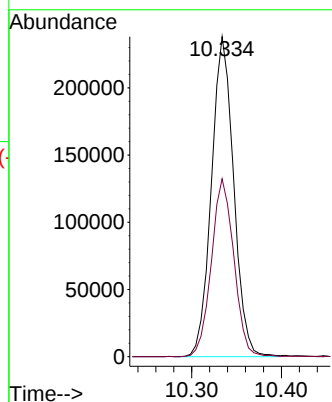
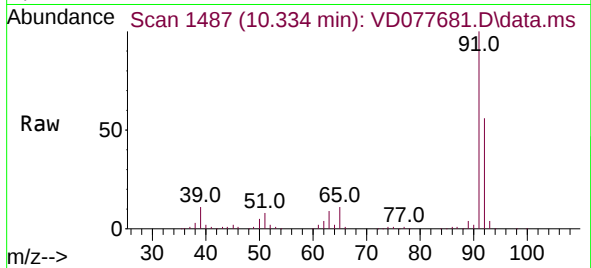




#42
Toluene
Concen: 24.272 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

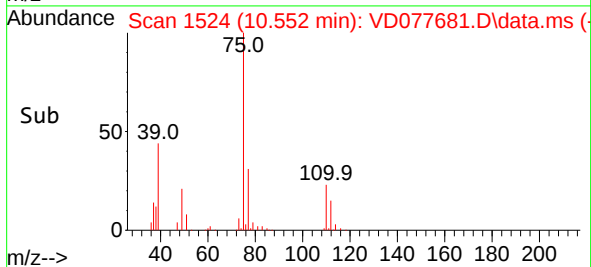
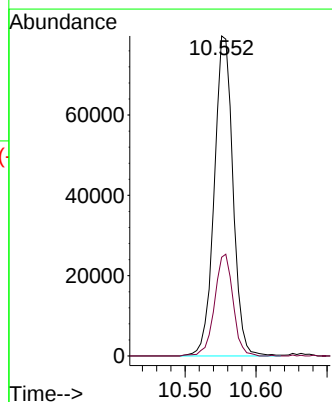
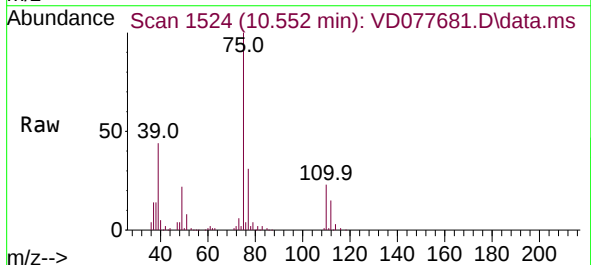
Instrument :
MSVOA_D
ClientSampleId :

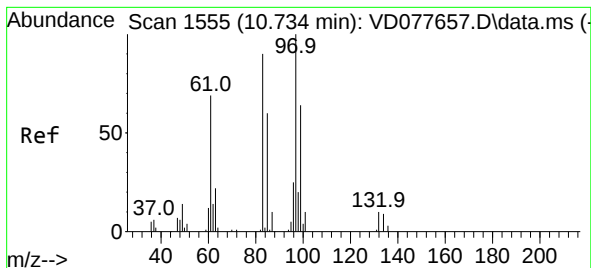
Tgt Ion: 91 Resp: 409900
Ion Ratio Lower Upper
91 100
92 55.6 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.652 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion: 75 Resp: 145651
Ion Ratio Lower Upper
75 100
77 30.8 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 27.140 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 74185

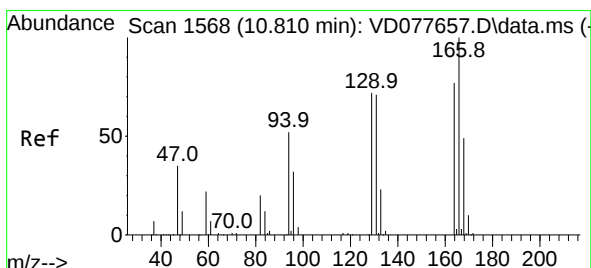
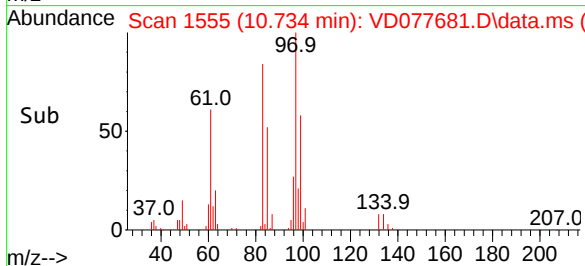
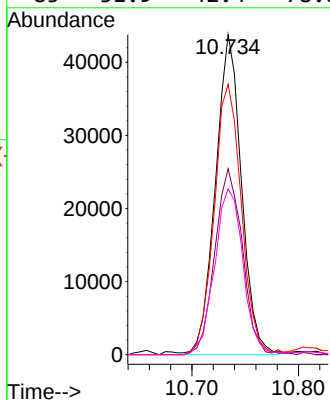
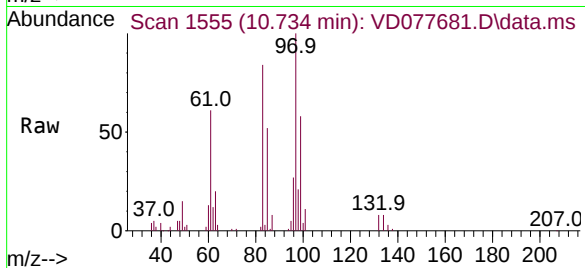
Ion Ratio Lower Upper

97 100

99 58.1 43.5 80.7

83 84.5 63.1 117.3

85 51.9 42.4 78.8



#46

Tetrachloroethene

Concen: 24.807 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Tgt Ion:164 Resp: 72752

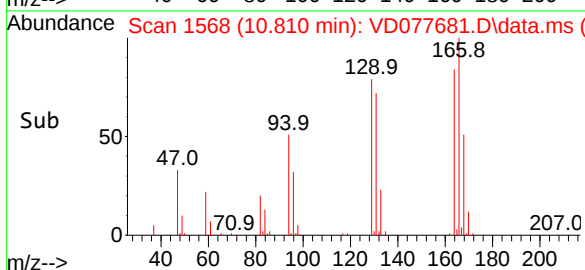
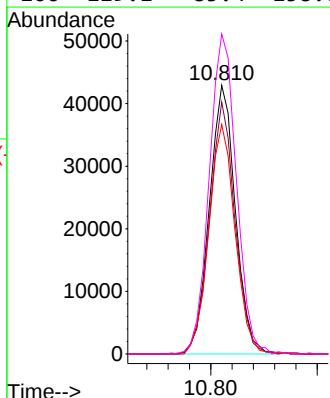
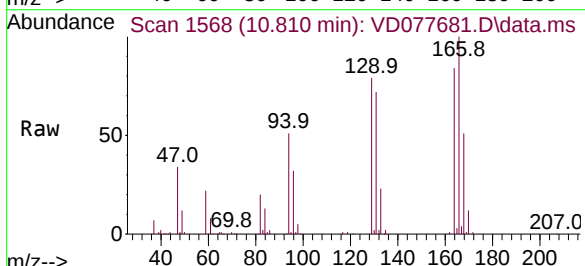
Ion Ratio Lower Upper

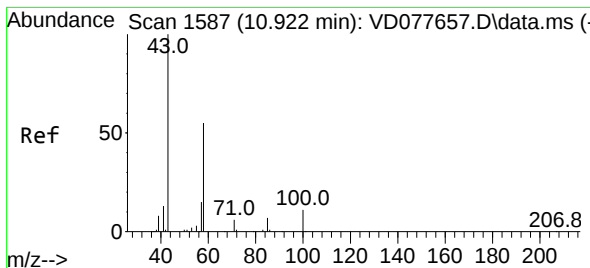
164 100

129 93.8 60.6 112.6

131 85.4 61.6 114.4

166 119.1 85.4 158.6





#48

2-Hexanone

Concen: 46.235 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

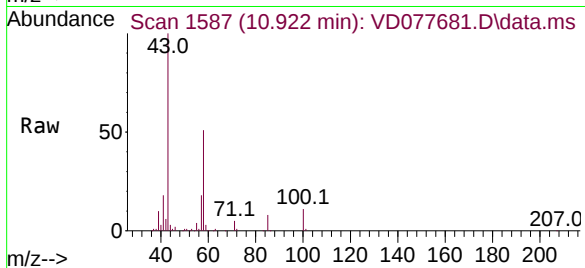
Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 99866

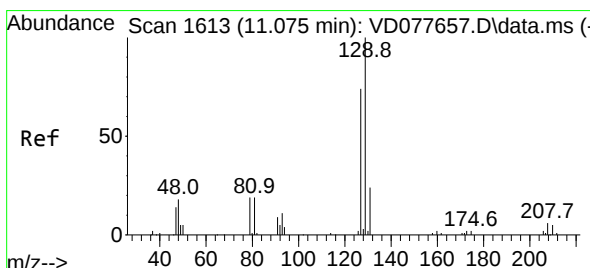
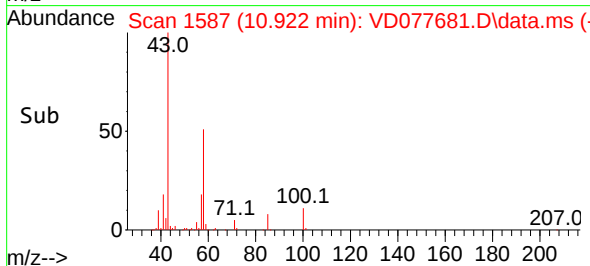
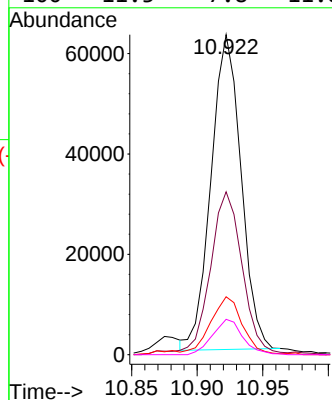
Ion Ratio Lower Upper

43 100

58 54.9 40.8 61.2

57 19.6 13.7 20.5

100 11.3 7.8 11.8



#49

Dibromochloromethane

Concen: 27.294 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD077681.D

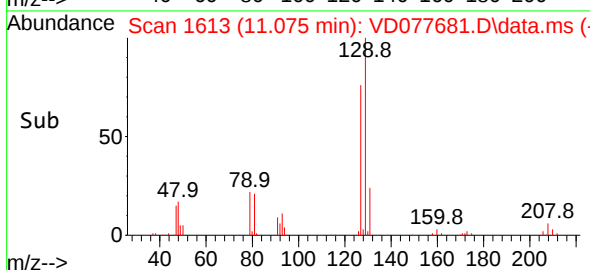
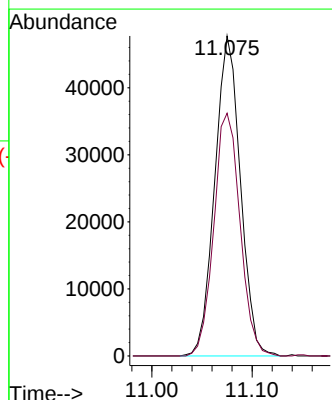
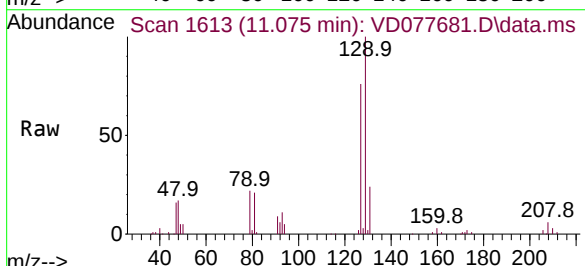
Acq: 24 Nov 2023 10:02

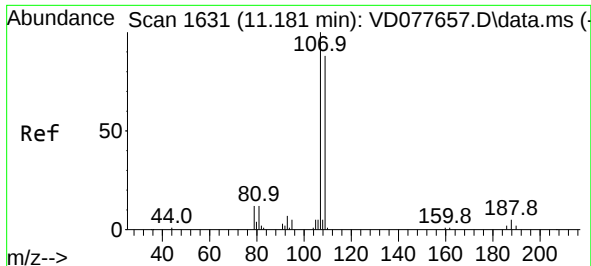
Tgt Ion: 129 Resp: 84746

Ion Ratio Lower Upper

129 100

127 75.8 54.9 102.1

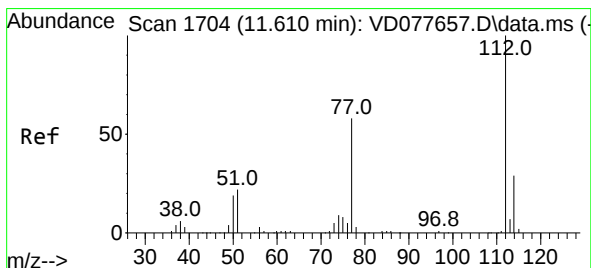
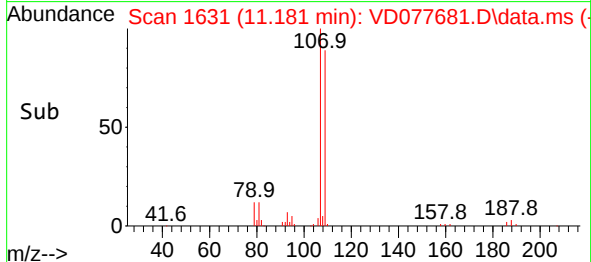
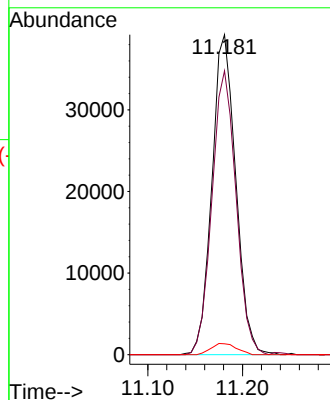
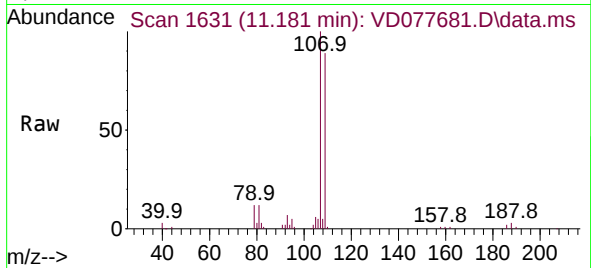




#50
1,2-Dibromoethane
Concen: 26.222 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

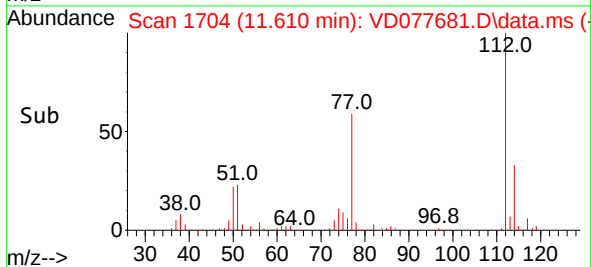
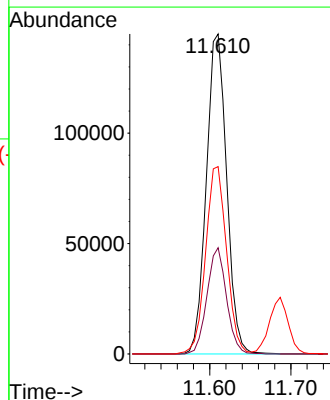
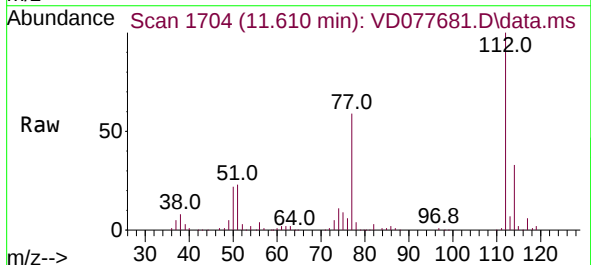
Instrument :
MSVOA_D
ClientSampleId :

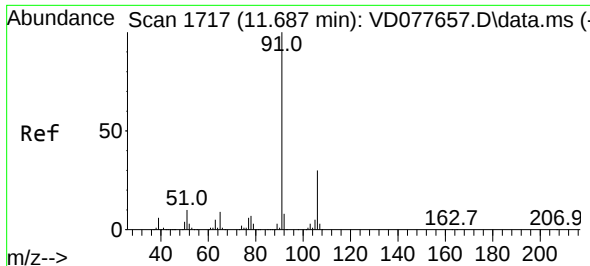
Tgt Ion:107 Resp: 68541
Ion Ratio Lower Upper
107 100
109 88.7 64.8 120.3
188 3.4 3.2 4.8



#51
Chlorobenzene
Concen: 25.490 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion:112 Resp: 252194
Ion Ratio Lower Upper
112 100
114 33.2 22.4 41.6
77 58.5 49.6 74.4

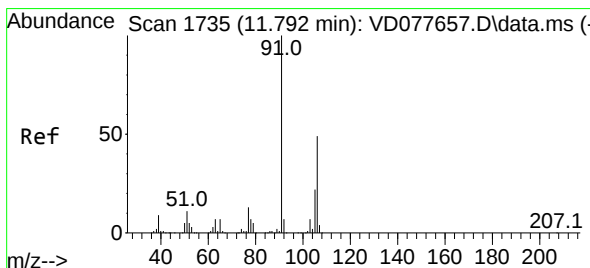
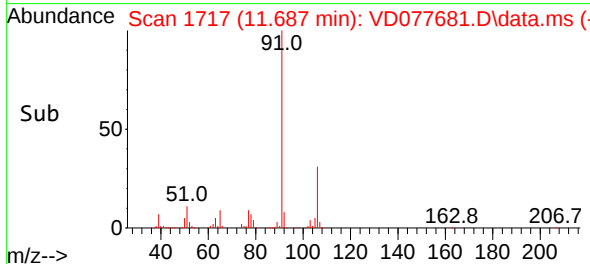
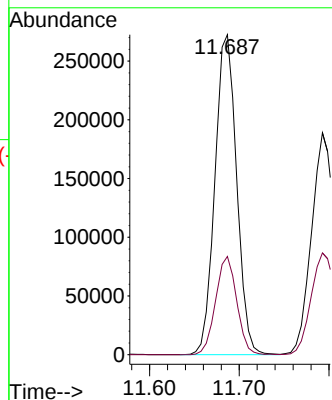
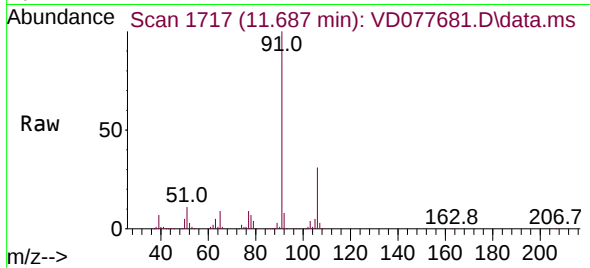




#52
Ethylbenzene
Concen: 24.658 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

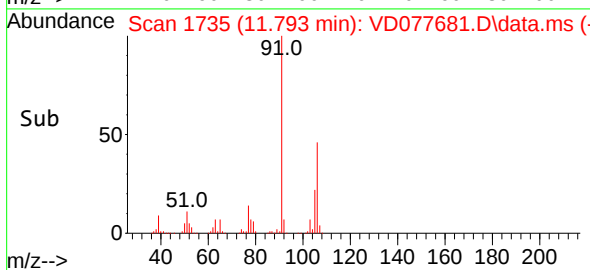
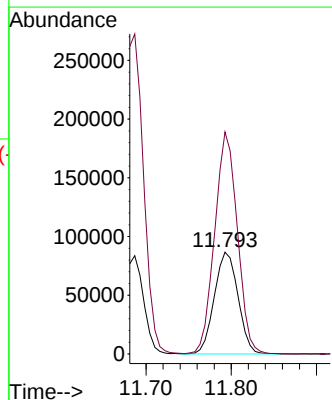
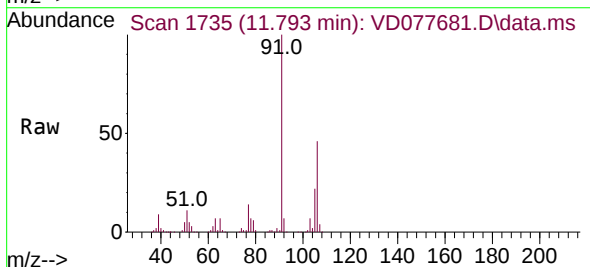
Instrument :
MSVOA_D
ClientSampleId :

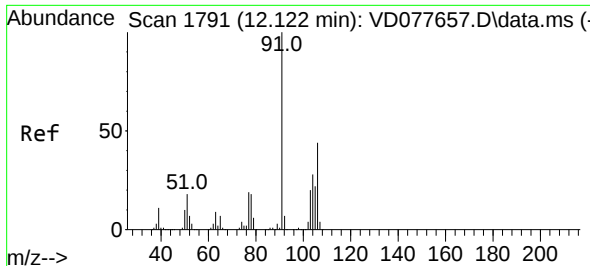
Tgt Ion: 91 Resp: 458209
Ion Ratio Lower Upper
91 100
106 30.7 22.0 40.8



#53
m,p-Xylene
Concen: 24.780 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion:106 Resp: 167560
Ion Ratio Lower Upper
106 100
91 218.3 146.7 272.4

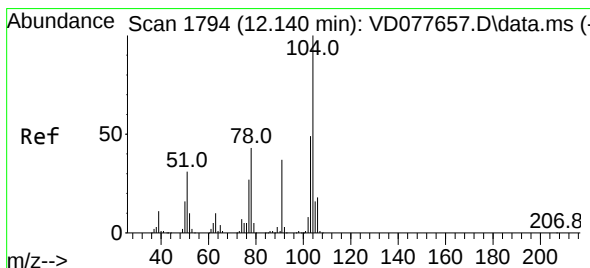
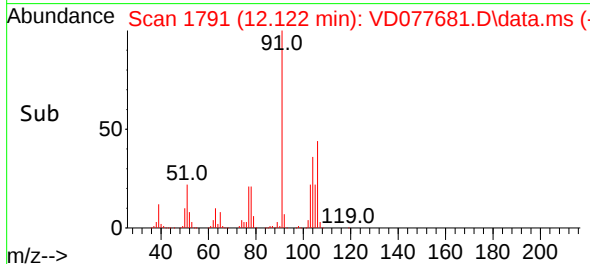
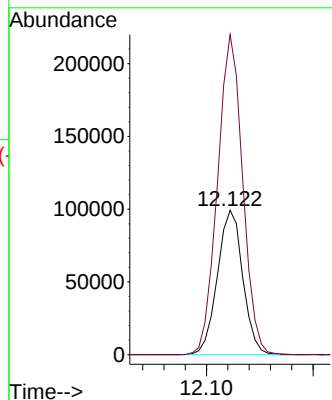
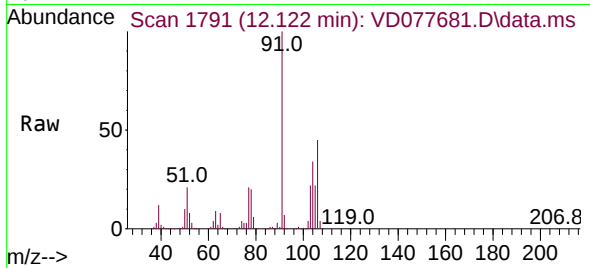




#54
o-Xylene
Concen: 25.340 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

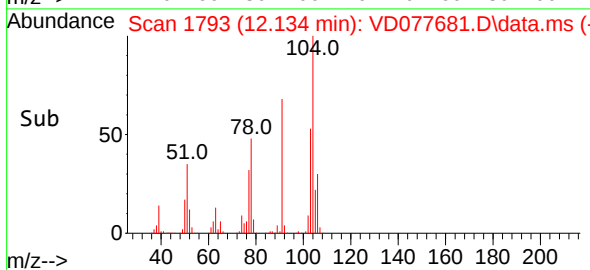
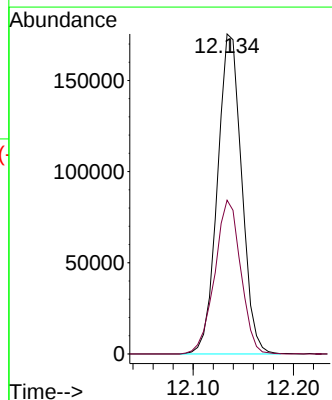
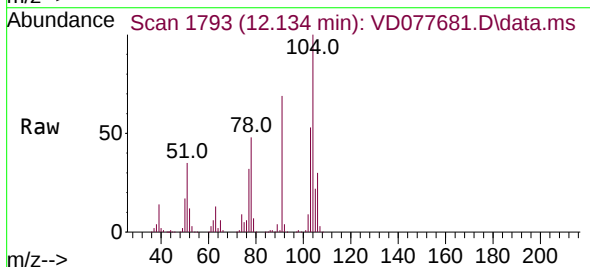
Instrument :
MSVOA_D
ClientSampleId :

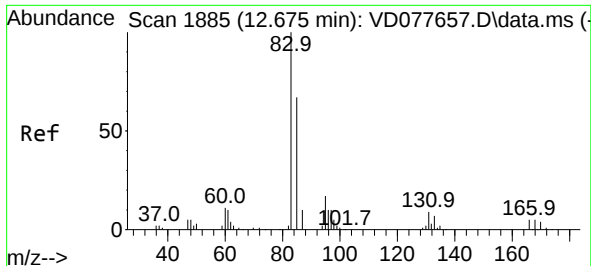
Tgt Ion:106 Resp: 164109
Ion Ratio Lower Upper
106 100
91 221.8 158.5 294.4



#55
Styrene
Concen: 26.030 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion:104 Resp: 294347
Ion Ratio Lower Upper
104 100
78 48.1 34.9 64.9

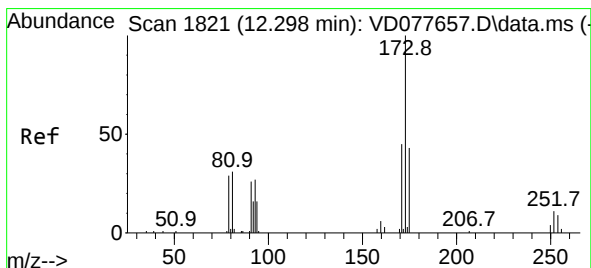
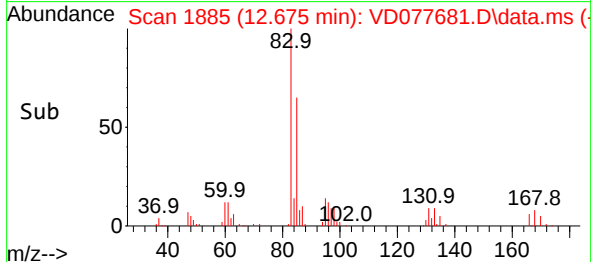
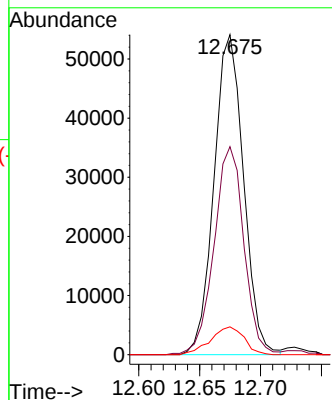
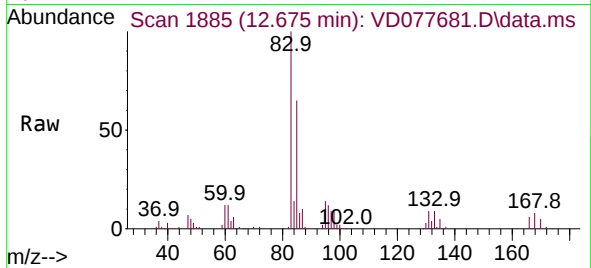




#57
1,1,2,2-Tetrachloroethane
Concen: 28.389 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

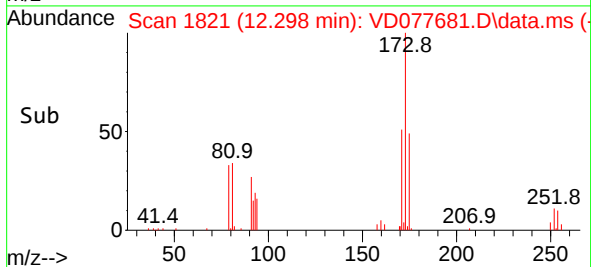
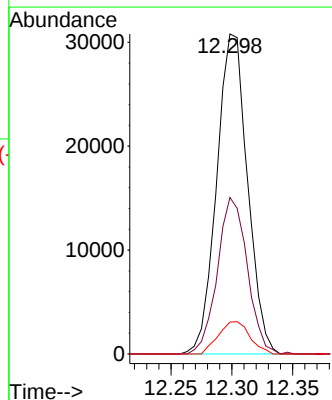
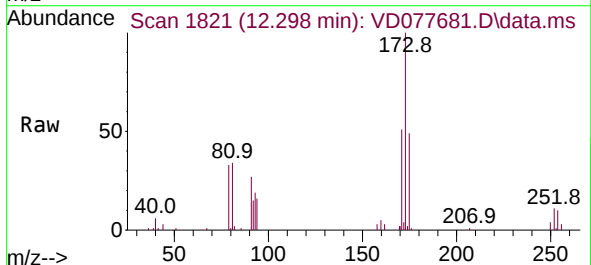
Instrument :
MSVOA_D
ClientSampleId :

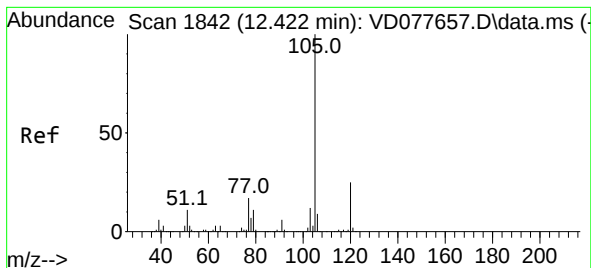
Tgt Ion: 83 Resp: 91414
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.3
131 8.7 7.2 10.8



#59
Bromoform
Concen: 25.785 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion: 173 Resp: 54225
Ion Ratio Lower Upper
173 100
175 47.5 38.2 57.2
254 10.3 7.1 10.7





#60

Isopropylbenzene

Concen: 23.011 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

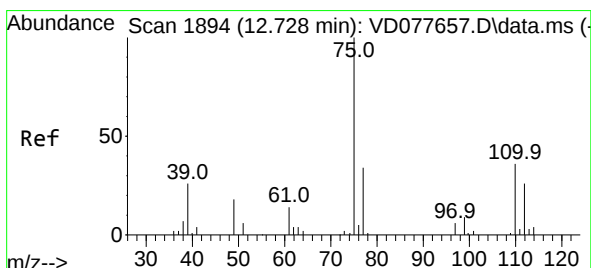
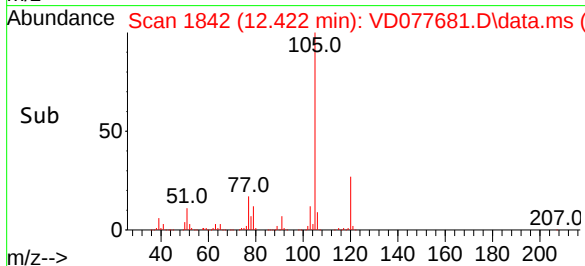
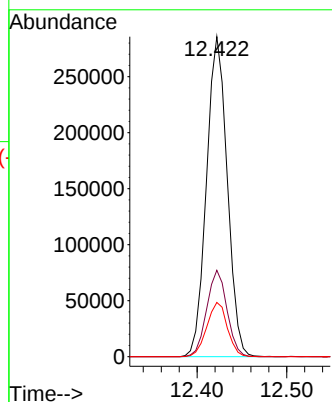
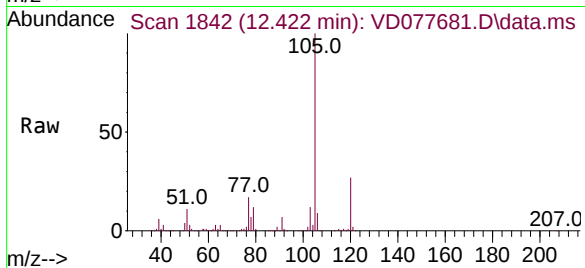
Tgt Ion:105 Resp: 459116

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 23.941 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

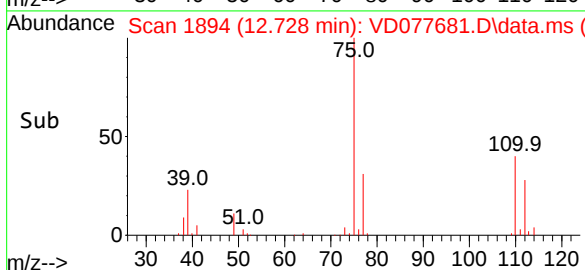
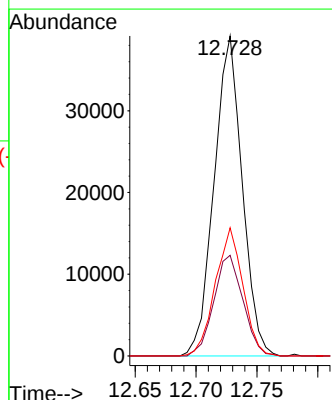
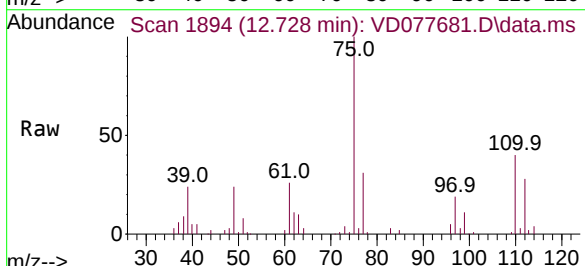
Tgt Ion: 75 Resp: 62904

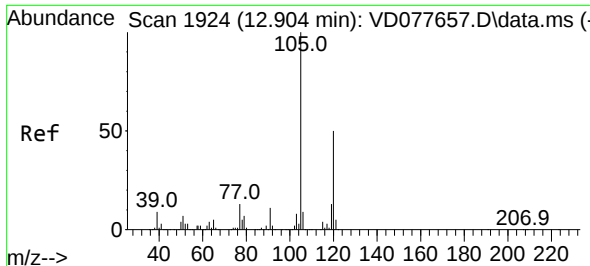
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

110 39.3 29.6 44.4

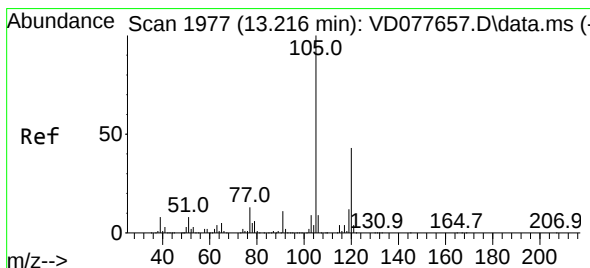
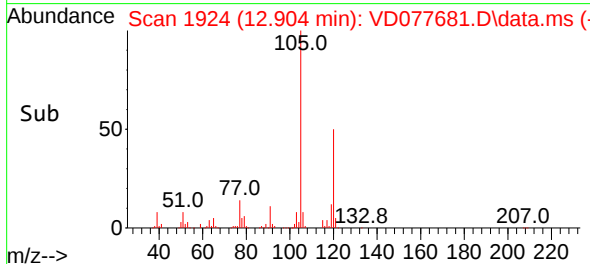
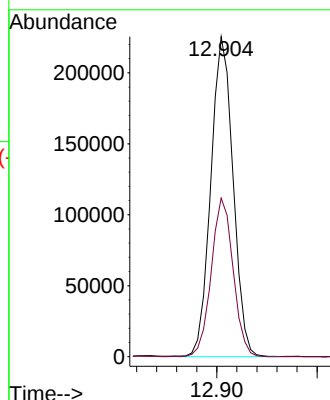
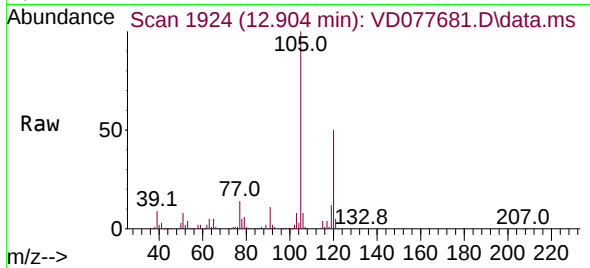




#62
 1,3,5-Trimethylbenzene
 Concen: 22.956 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

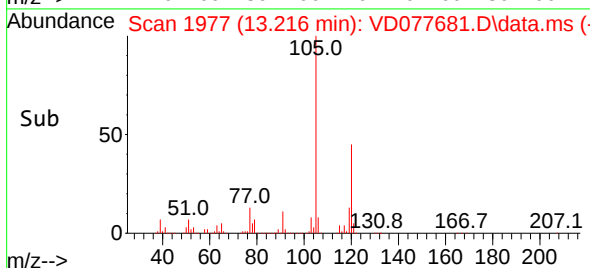
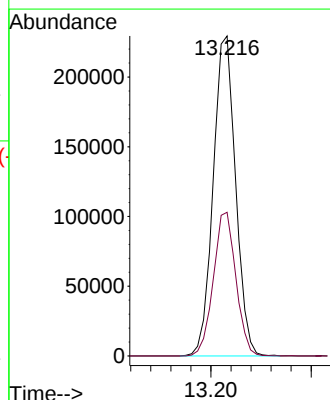
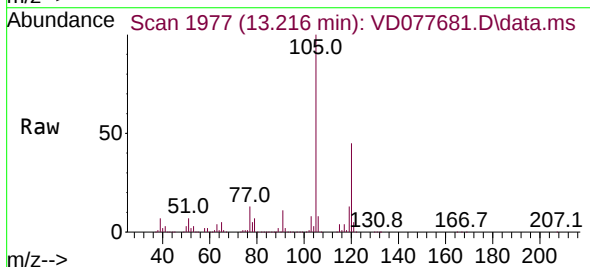
Instrument :
 MSVOA_D
 ClientSampleId :

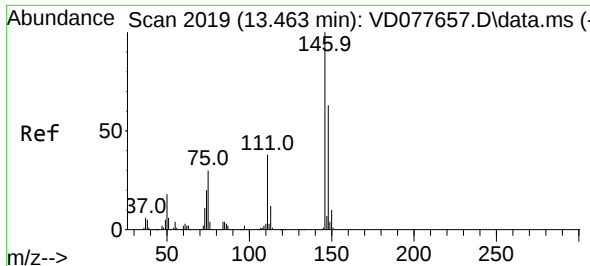
Tgt Ion:105 Resp: 347614
 Ion Ratio Lower Upper
 105 100
 120 48.6 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 23.180 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

Tgt Ion:105 Resp: 355554
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.6 53.4

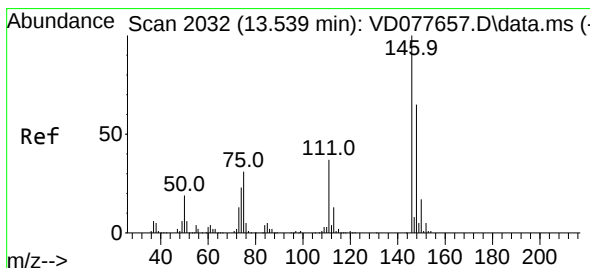
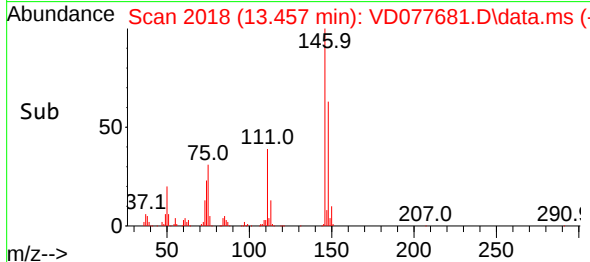
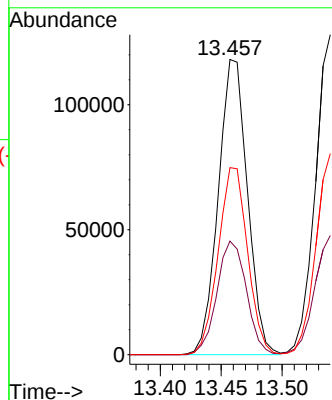
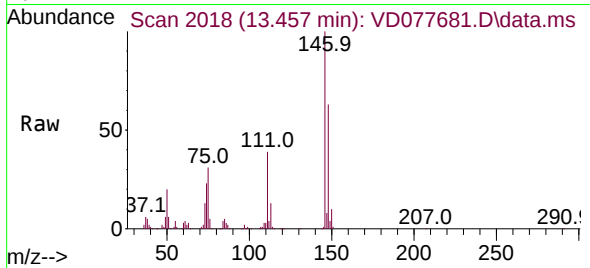




#64
1,3-Dichlorobenzene
Concen: 24.093 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

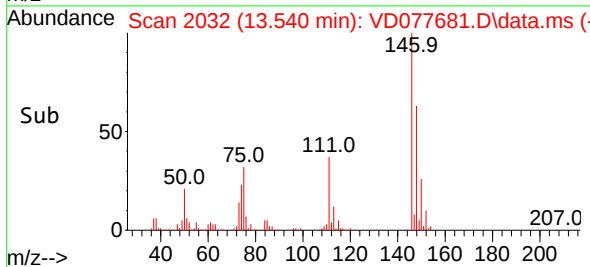
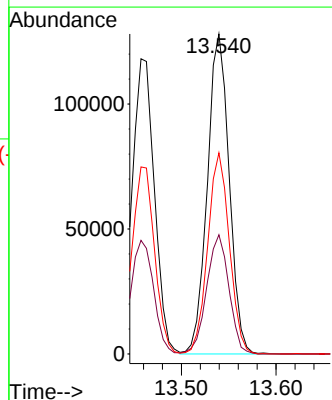
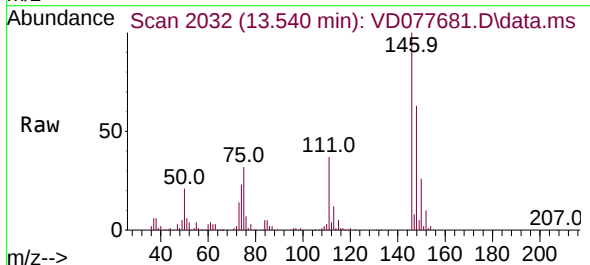
Instrument :
MSVOA_D
ClientSampleId :

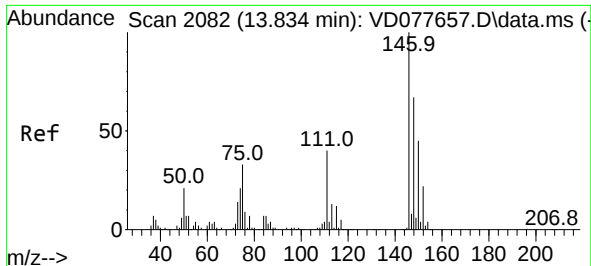
Tgt Ion:146 Resp: 197209
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.6
148 63.4 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.798 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

Tgt Ion:146 Resp: 204847
Ion Ratio Lower Upper
146 100
111 37.3 25.6 47.4
148 62.9 44.1 81.9

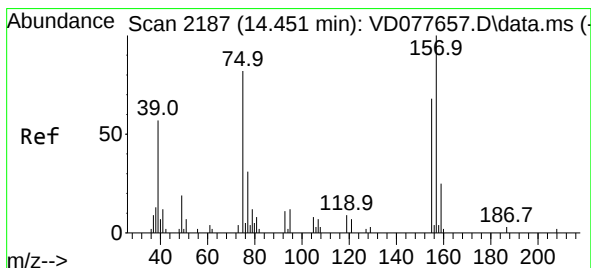
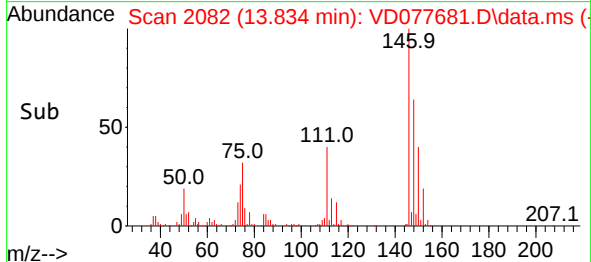
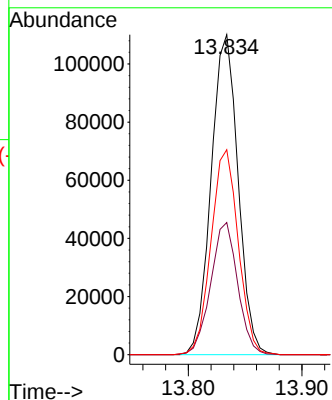
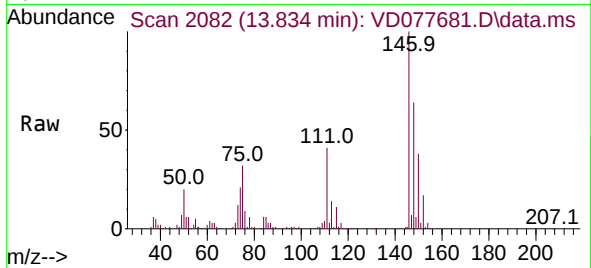




#67
1,2-Dichlorobenzene
Concen: 25.054 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

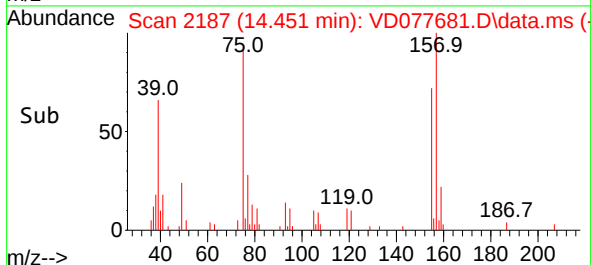
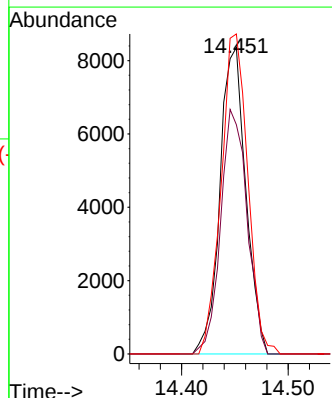
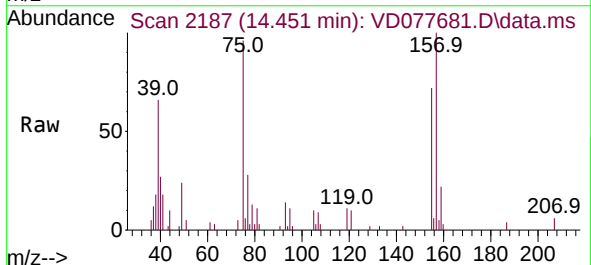
Instrument :
MSVOA_D
ClientSampleId :

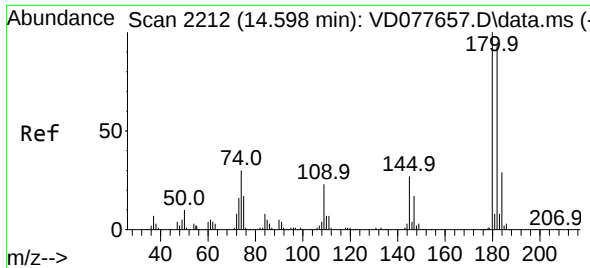
Tgt Ion:146 Resp: 181302
Ion Ratio Lower Upper
146 100
111 41.3 33.8 50.6
148 64.1 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.670 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD077681.D
Acq: 24 Nov 2023 10:02

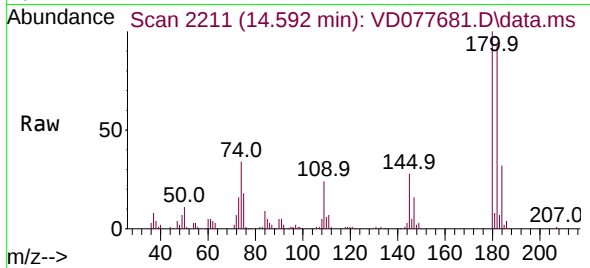
Tgt Ion: 75 Resp: 14099
Ion Ratio Lower Upper
75 100
155 74.8 58.2 87.2
157 104.4 68.7 103.1#



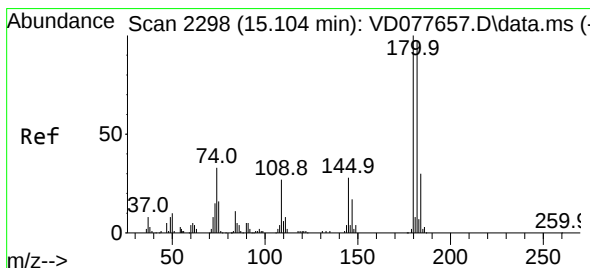
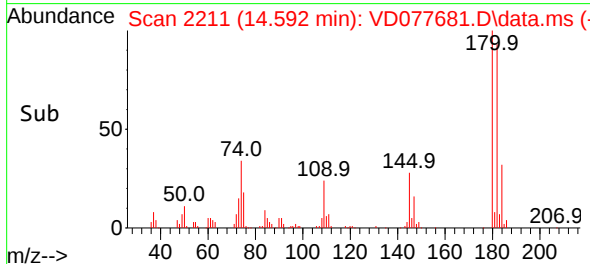
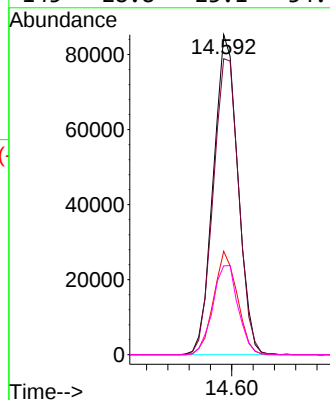


#69
 1,3,5-Trichlorobenzene
 Concen: 24.491 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

Instrument :
 MSVOA_D
 ClientSampleId :

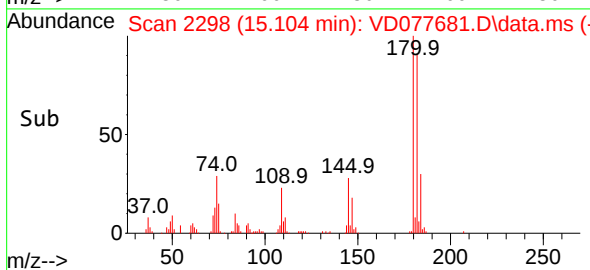
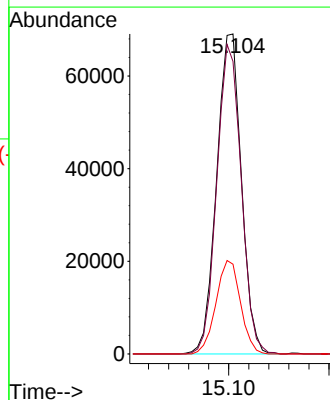
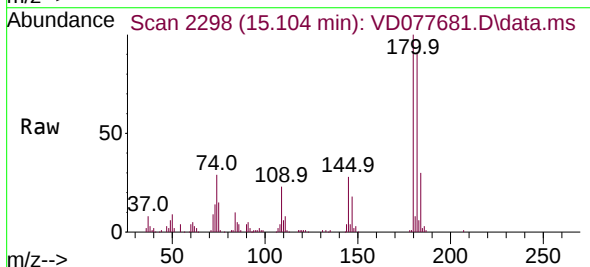


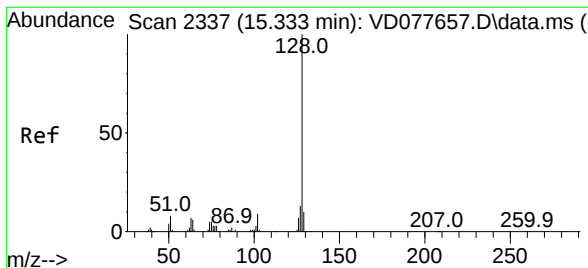
Tgt Ion:180 Resp: 136497
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.1 114.1
 184 31.0 24.0 36.0
 145 28.8 23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.205 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD077681.D
 Acq: 24 Nov 2023 10:02

Tgt Ion:180 Resp: 118392
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.8 113.6
 145 28.9 24.1 36.1





#71

Naphthalene

Concen: 25.307 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Instrument :

MSVOA_D

ClientSampleId :

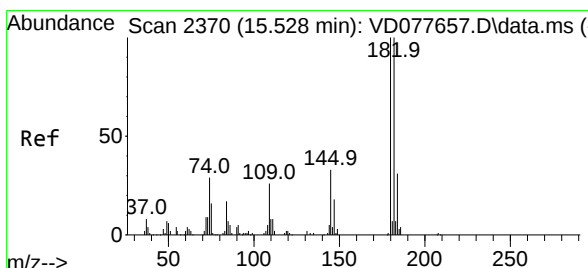
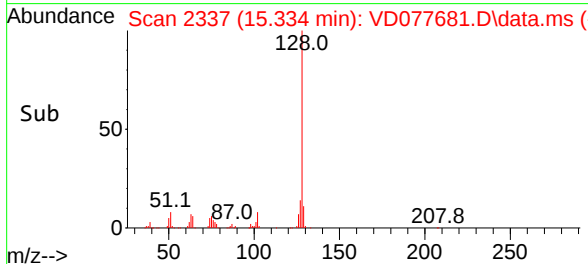
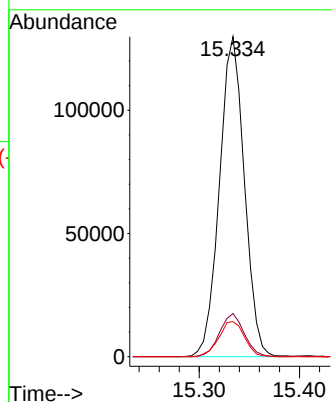
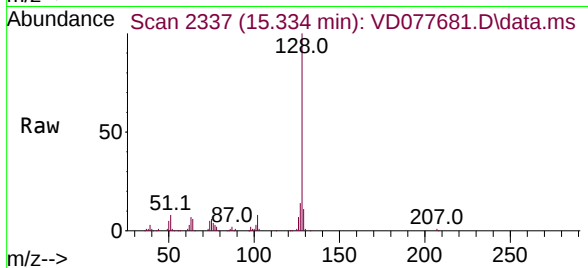
Tgt Ion:128 Resp: 224026

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.3 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 25.799 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077681.D

Acq: 24 Nov 2023 10:02

Tgt Ion:180 Resp: 103327

Ion Ratio Lower Upper

180 100

182 97.6 76.8 115.2

145 31.1 26.0 39.0

