

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076680.D
 Acq On : 30 Jun 2023 23:11
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025168

Quant Time: Jul 03 01:33:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	283087	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	254016	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	122222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	123581	17.926	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.720%		
7) Chloroethane-d5	2.799	69	103881	18.635	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.560%		
11) 1,1-Dichloroethene-d2	3.917	65	36873	20.490	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.960%		
21) 2-Butanone-d5	6.981	46	45873	43.936	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.880%		
24) Chloroform-d	7.569	84	173030	23.200	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.800%		
26) 1,2-Dichloroethane-d4	8.228	65	92473	25.133	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.520%		
32) Benzene-d6	8.199	84	330404	21.263	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.040%		
36) 1,2-Dichloropropane-d6	9.210	67	101653	20.495	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.960%		
41) Toluene-d8	10.269	98	311337	21.639	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.560%		
43) trans-1,3-Dichloroprop...	10.522	79	45913	22.256	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.040%		
47) 2-Hexanone-d5	10.875	63	34957	45.403	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.800%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80349	22.770	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.080%		
66) 1,2-Dichlorobenzene-d4	13.816	152	100603	22.456	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	123421	27.979	ug/L	98
3) Chloromethane	2.146	50	159042	21.688	ug/L	97
5) Vinyl chloride	2.281	62	168686	21.323	ug/L	90
6) Bromomethane	2.687	94	100796	23.004	ug/L	99
8) Chloroethane	2.834	64	106179	21.912	ug/L	99
9) Trichlorofluoromethane	3.170	101	171060	29.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	97832	26.368	ug/L	98
12) 1,1-Dichloroethene	3.934	96	89292	24.304	ug/L	91
13) Acetone	4.017	43	30908	36.652	ug/L	95
14) Carbon disulfide	4.264	76	295507	22.189	ug/L	99
16) Methylene chloride	4.799	84	104852	21.310	ug/L	90
17) trans-1,2-Dichloroethene	5.311	96	97249	23.742	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	228842	24.540	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	178110	23.784	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	113259	24.759	ug/L	92
22) 2-Butanone	7.087	43	53854	39.572	ug/L	97
23) Bromochloromethane	7.428	128	50233	25.873	ug/L	85
25) Chloroform	7.593	83	193802	26.518	ug/L	98
27) 1,2-Dichloroethane	8.322	62	119592	26.609	ug/L	95

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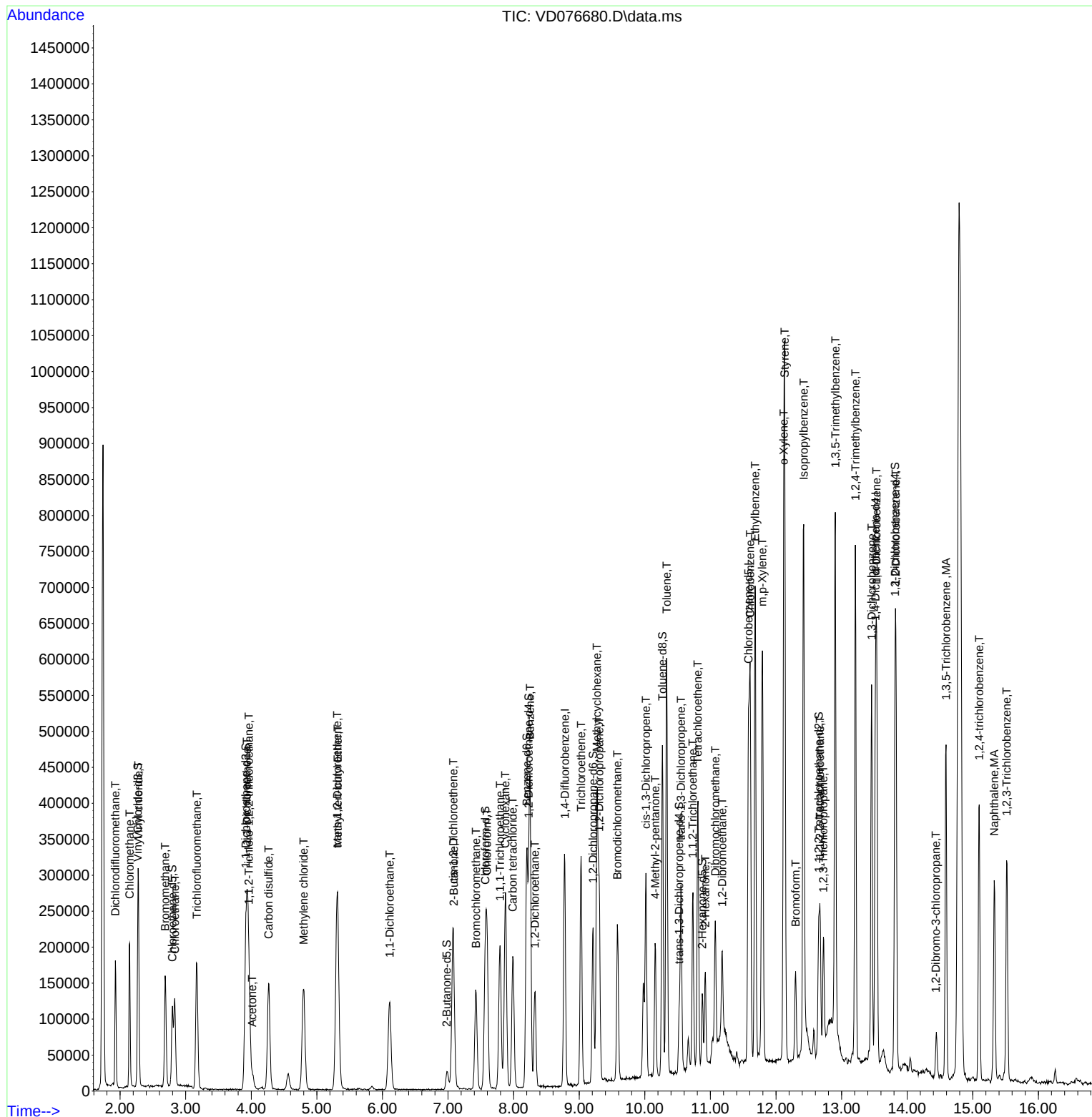
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	154310	22.844	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	163838	27.764	ug/L	97
31) Carbon tetrachloride	7.987	117	140330	29.735	ug/L	99
33) Benzene	8.252	78	391497	23.287	ug/L	100
34) Trichloroethene	9.028	95	107056	24.789	ug/L	95
35) Methylcyclohexane	9.269	83	169115	24.284	ug/L	98
37) 1,2-Dichloropropane	9.304	63	101034	22.043	ug/L #	97
38) Bromodichloromethane	9.581	83	137027	26.212	ug/L	93
39) cis-1,3-Dichloropropene	10.016	75	162771	23.257	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	123282	43.237	ug/L	98
42) Toluene	10.334	91	436096	24.274	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	134015	23.557	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	75223	23.927	ug/L	94
46) Tetrachloroethene	10.804	164	83238	24.517	ug/L	92
48) 2-Hexanone	10.922	43	82526	42.260	ug/L #	98
49) Dibromochloromethane	11.075	129	93361	26.131	ug/L	94
50) 1,2-Dibromoethane	11.181	107	72874	23.882	ug/L	87
51) Chlorobenzene	11.604	112	279084	24.882	ug/L	97
52) Ethylbenzene	11.681	91	482468	24.915	ug/L	99
53) m,p-Xylene	11.793	106	184682	24.269	ug/L	96
54) o-Xylene	12.116	106	172689	23.833	ug/L	93
55) Styrene	12.134	104	302049	24.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	82493	22.960	ug/L #	93
59) Bromoform	12.298	173	55207	25.232	ug/L	97
60) Isopropylbenzene	12.422	105	474938	25.405	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	58115	24.501	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	379364	25.364	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	370507	25.103	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	201252	24.198	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	203383	24.260	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	181677	24.521	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.439	75	13443	25.431	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	138209	24.914	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	123091	24.938	ug/L	98
71) Naphthalene	15.328	128	240337	25.432	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	102892	24.005	ug/L	97

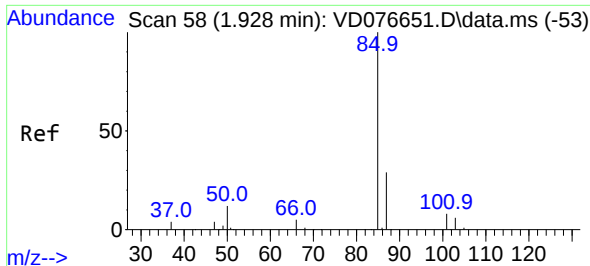
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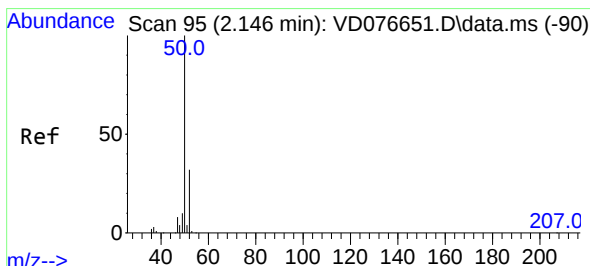
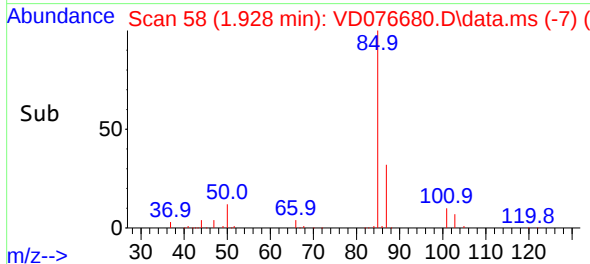
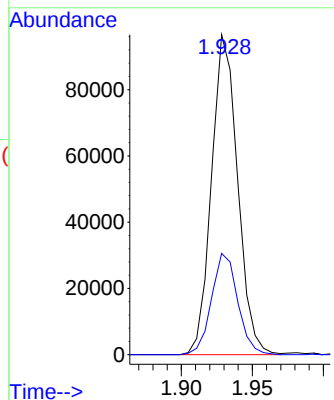
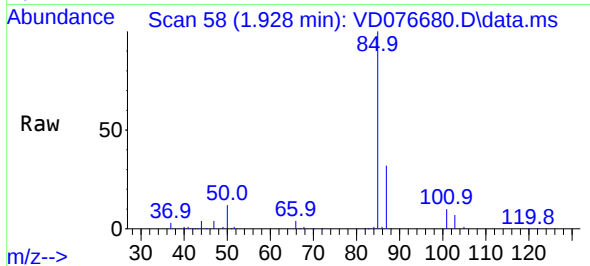




#2
Dichlorodifluoromethane
Concen: 27.979 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

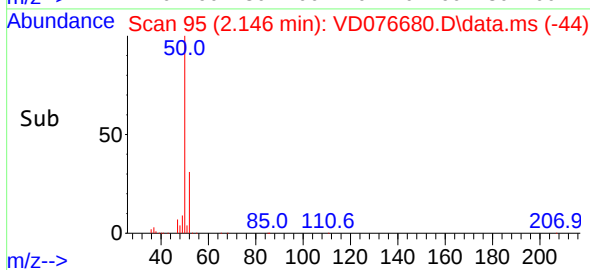
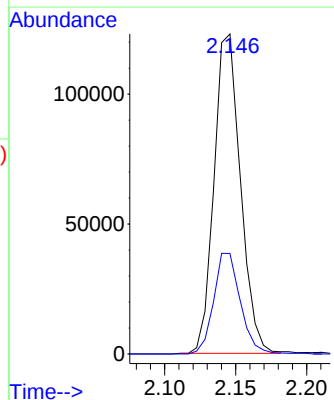
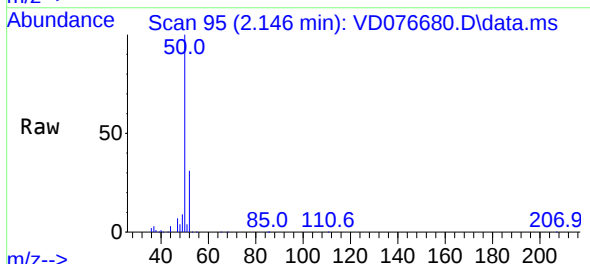
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MSVOA_D
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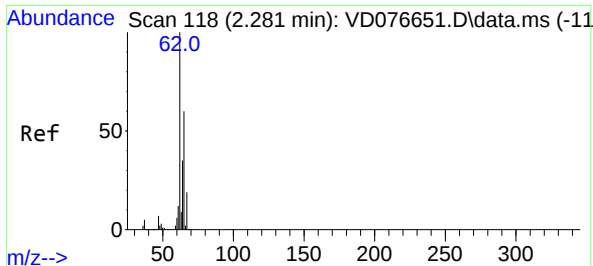
Tgt Ion: 85 Resp: 123421
Ion Ratio Lower Upper
85 100
87 31.8 26.3 39.5



#3
Chloromethane
Concen: 21.688 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 50 Resp: 159042
Ion Ratio Lower Upper
50 100
52 31.4 23.2 43.2

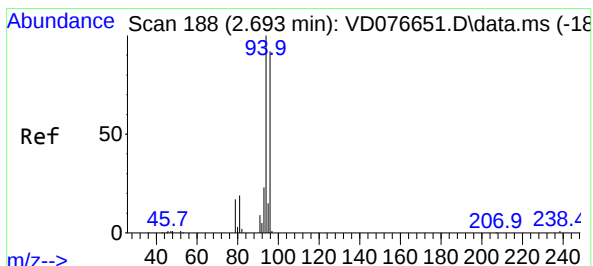
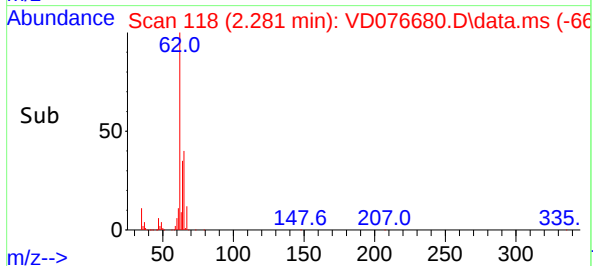
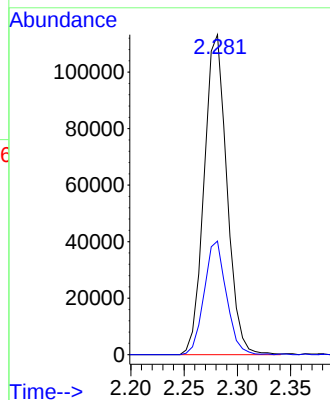
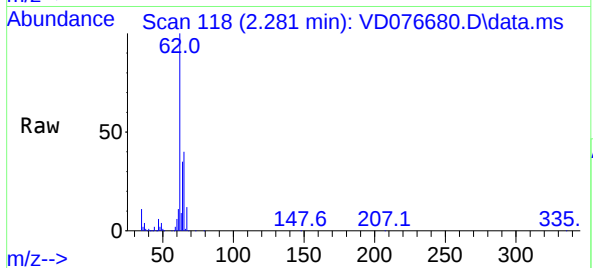




#5
Vinyl chloride
Concen: 21.323 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

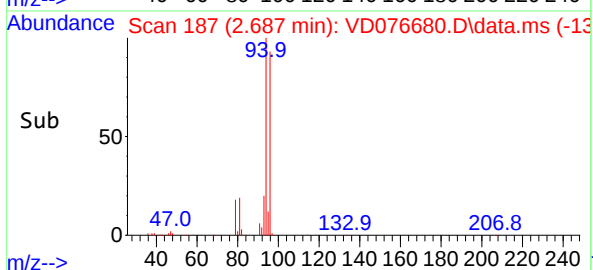
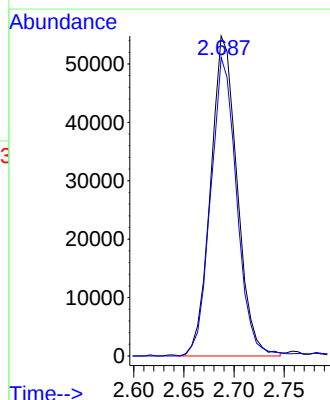
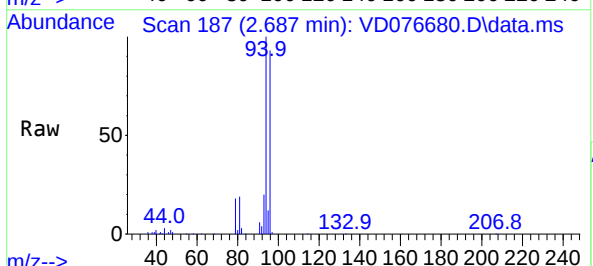
Instrument :
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ClientSampleId :
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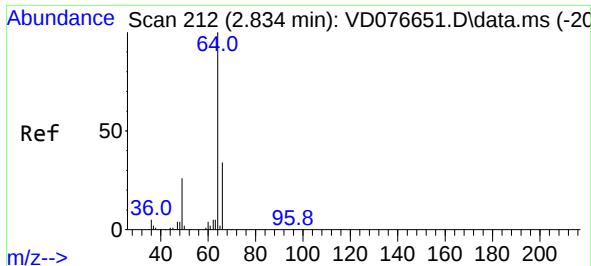
Tgt Ion: 62 Resp: 168686
Ion Ratio Lower Upper
62 100
64 35.5 21.1 39.1



#6
Bromomethane
Concen: 23.004 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 94 Resp: 100796
Ion Ratio Lower Upper
94 100
96 93.3 64.7 120.1

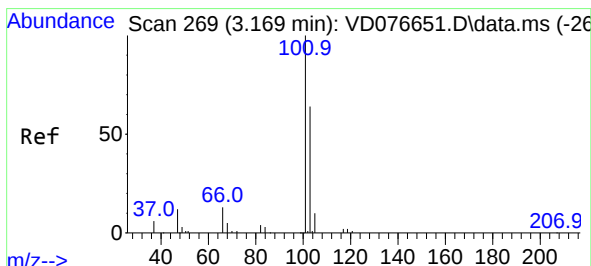
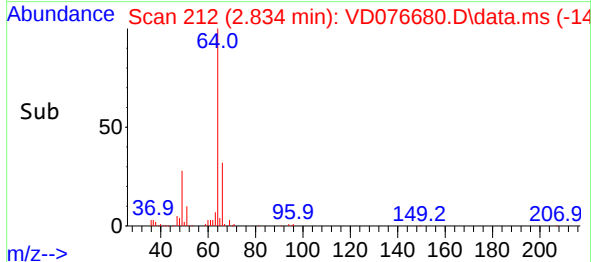
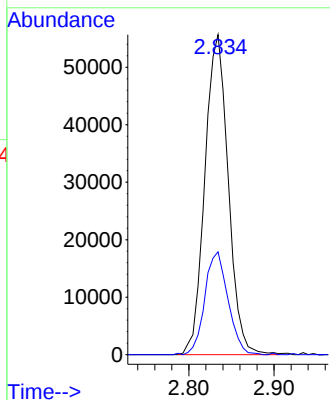
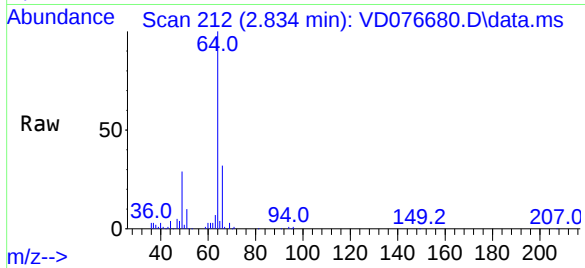




#8
Chloroethane
Concen: 21.912 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

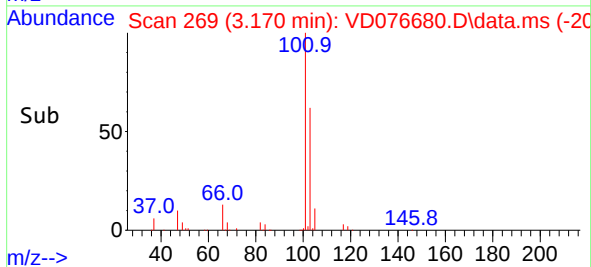
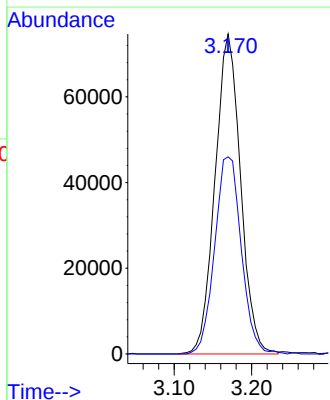
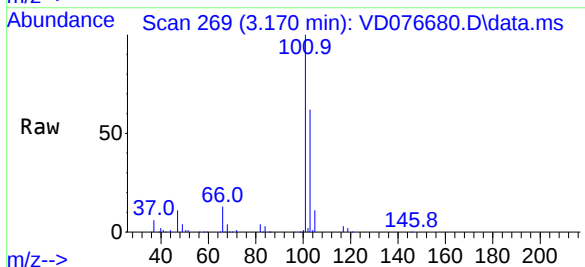
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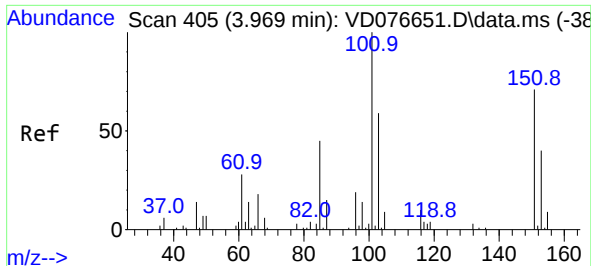
Tgt Ion: 64 Resp: 106179
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 29.906 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:101 Resp: 171060
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

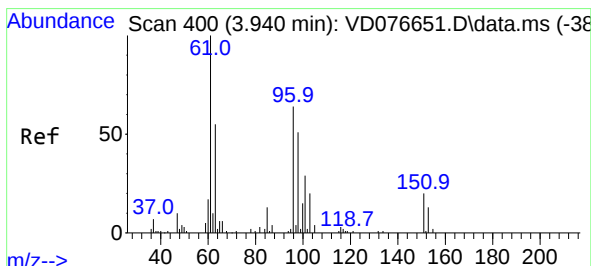
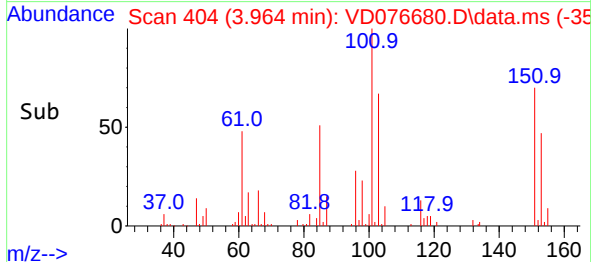
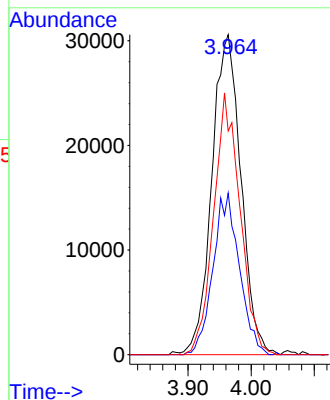
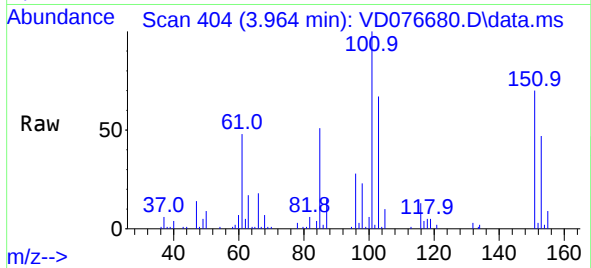




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.368 ug/L
RT: 3.964 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

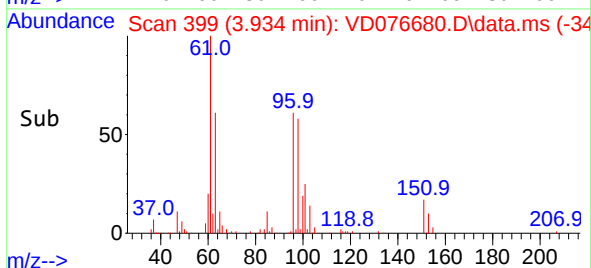
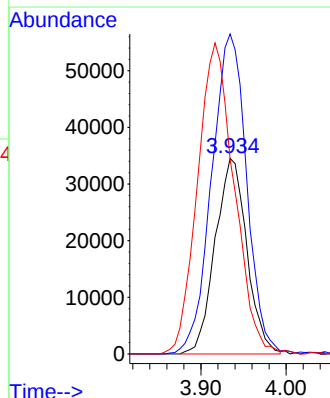
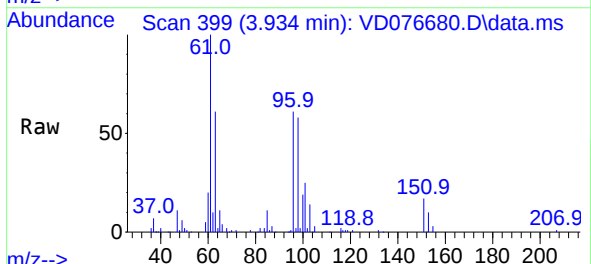
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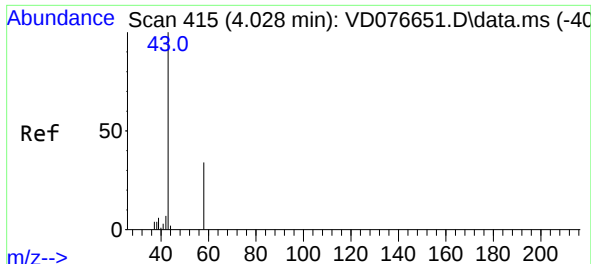
Tgt Ion:101 Resp: 97832
Ion Ratio Lower Upper
101 100
85 45.8 35.5 53.3
151 74.3 58.6 87.8



#12
1,1-Dichloroethene
Concen: 24.304 ug/L
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 96 Resp: 89292
Ion Ratio Lower Upper
96 100
61 163.7 113.0 209.8
63 99.4 83.6 155.2

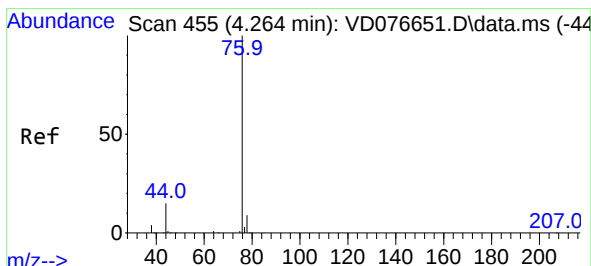
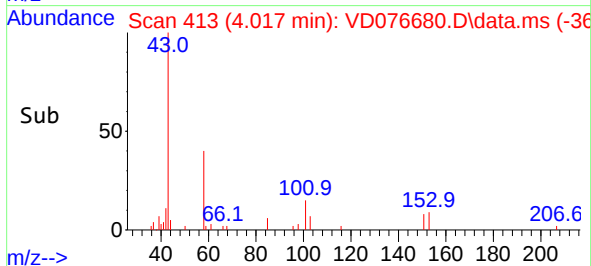
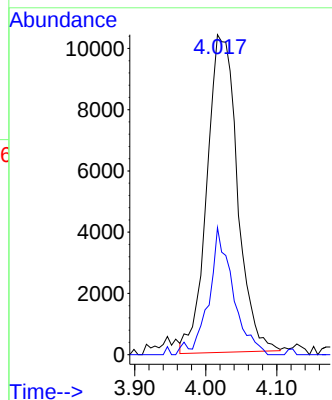
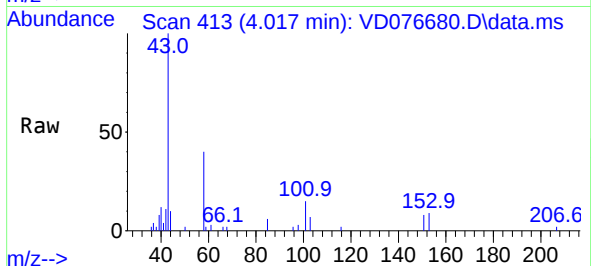




#13
Acetone
Concen: 36.652 ug/L
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
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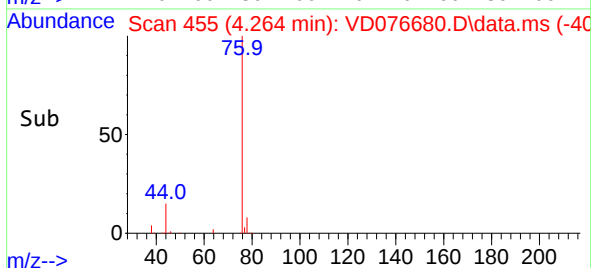
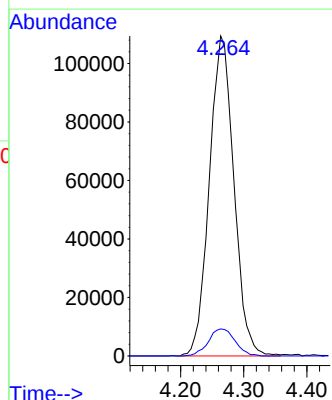
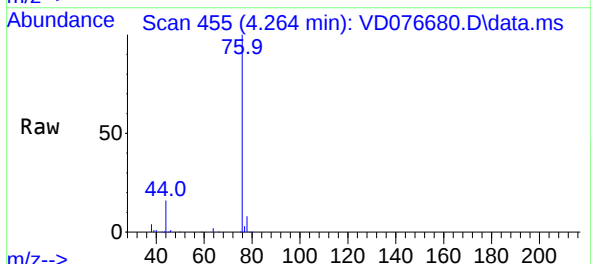
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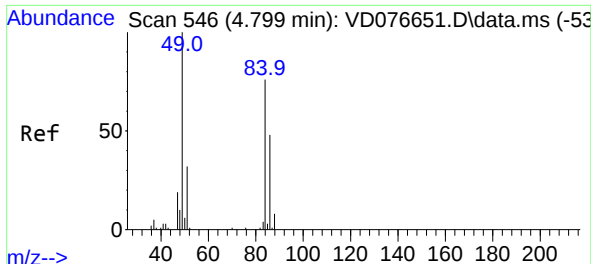
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Ion Ratio Lower Upper
43 100
58 30.7 0.0 67.4



#14
Carbon disulfide
Concen: 22.189 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 76 Resp: 295507
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

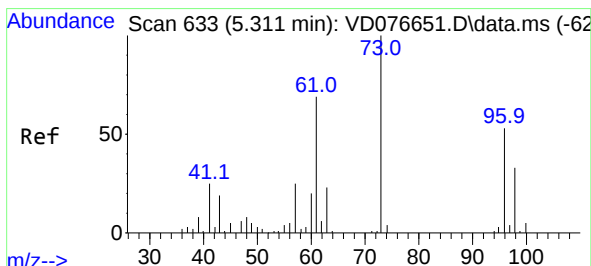
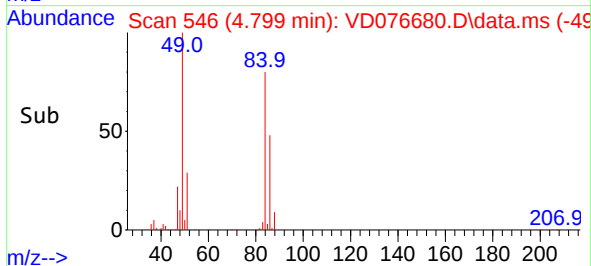
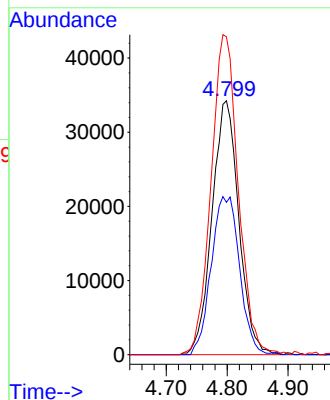
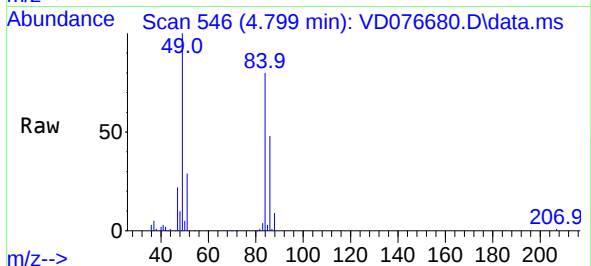




#16
Methylene chloride
Concen: 21.310 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

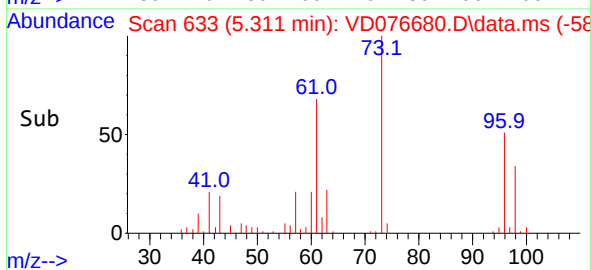
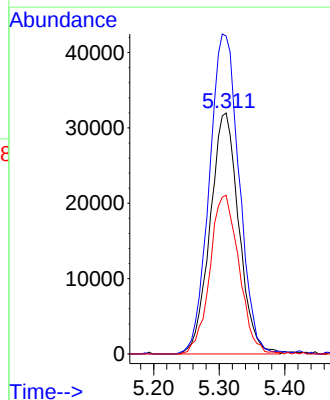
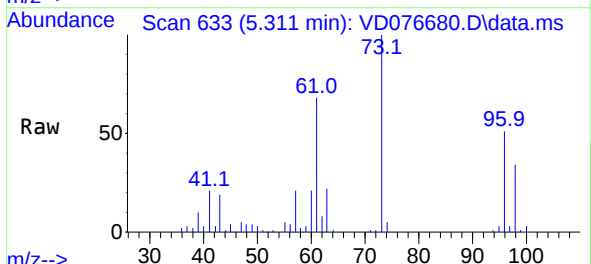
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

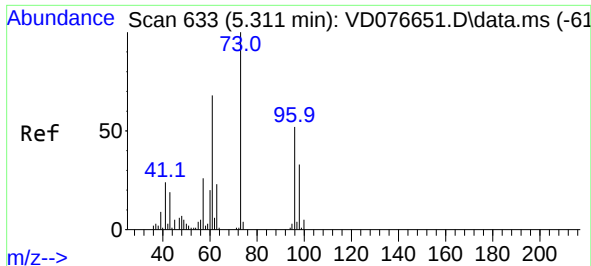
Tgt Ion: 84 Resp: 104852
Ion Ratio Lower Upper
84 100
86 60.0 45.1 83.9
49 125.2 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 23.742 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 96 Resp: 97249
Ion Ratio Lower Upper
96 100
61 131.9 94.5 175.5
98 65.8 46.0 85.4

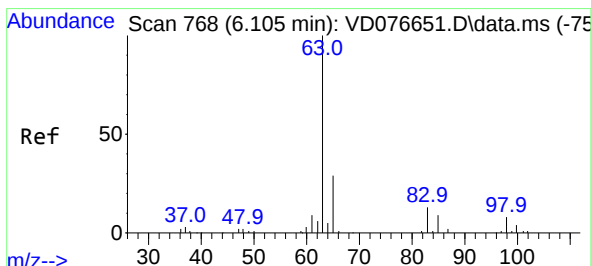
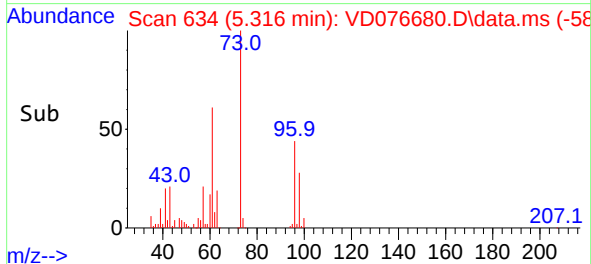
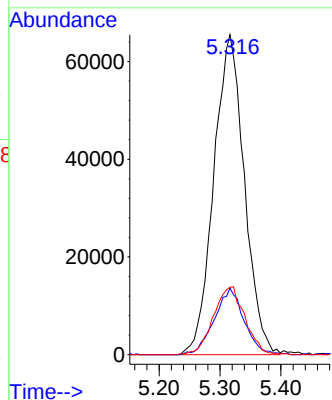
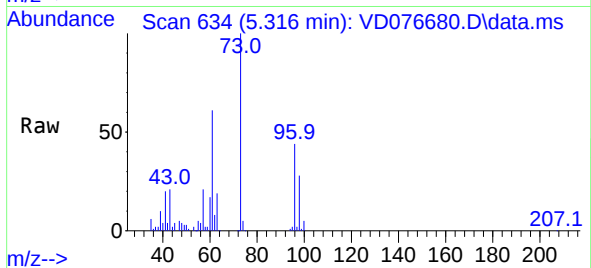




#18
Methyl tert-butyl Ether
Concen: 24.540 ug/L
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

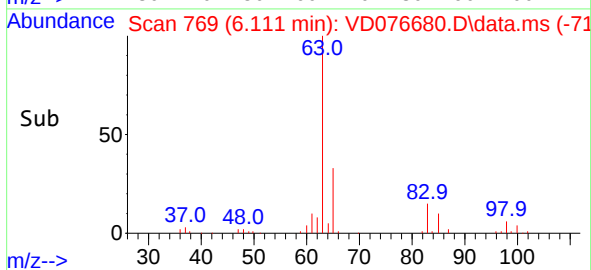
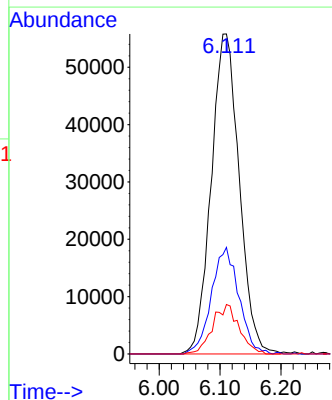
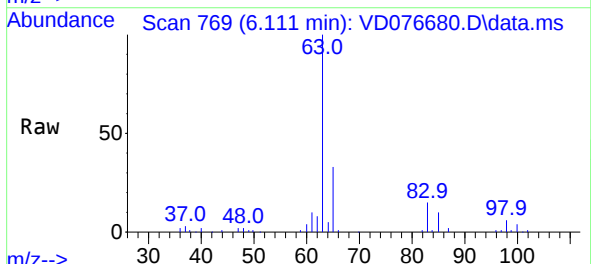
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

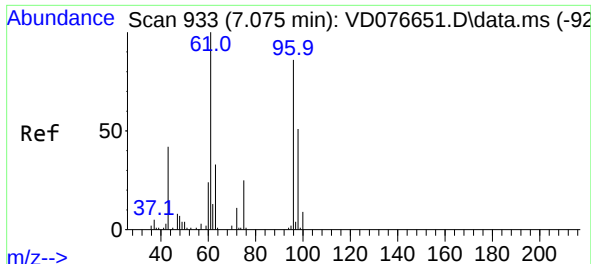
Tgt Ion: 73 Resp: 228842
Ion Ratio Lower Upper
73 100
43 20.0 7.2 10.8#
57 21.8 18.6 28.0



#19
1,1-Dichloroethane
Concen: 23.784 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 63 Resp: 178110
Ion Ratio Lower Upper
63 100
65 33.3 20.8 38.6
83 15.5 8.9 16.5

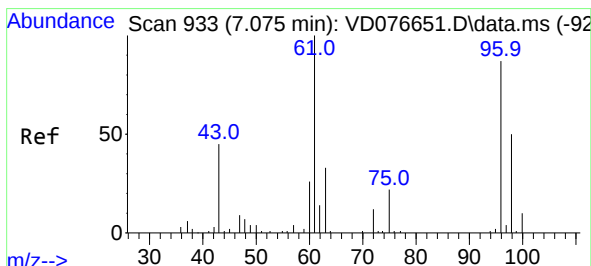
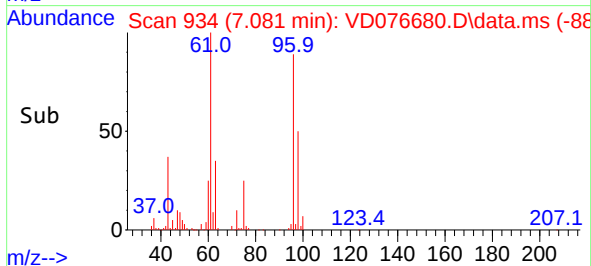
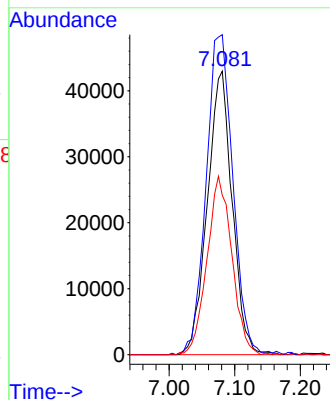
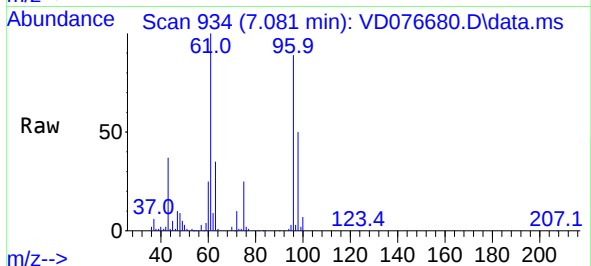




#20
cis-1,2-Dichloroethene
Concen: 24.759 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

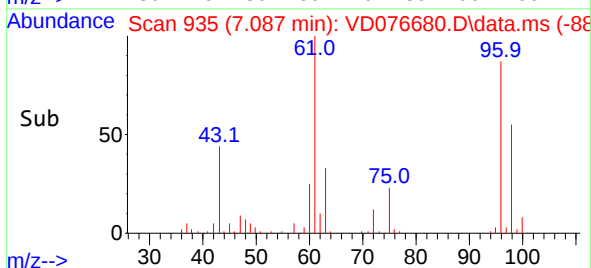
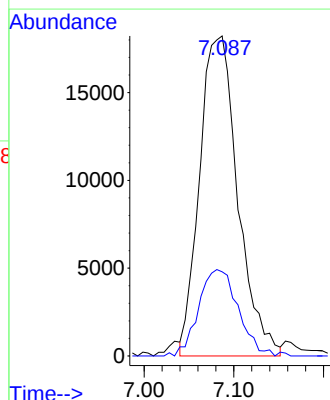
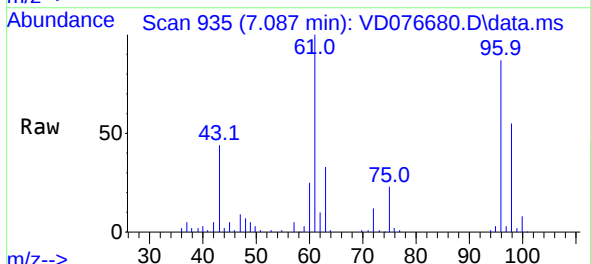
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

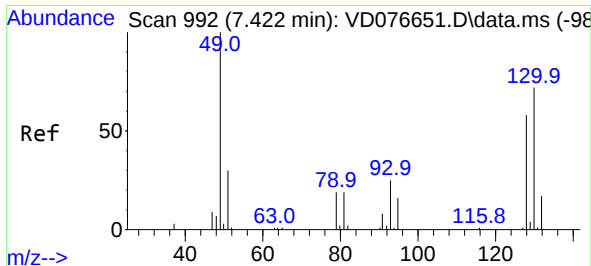
Tgt Ion: 96 Resp: 113259
Ion Ratio Lower Upper
96 100
61 112.8 86.0 159.6
98 56.2 42.2 78.4



#22
2-Butanone
Concen: 39.572 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 43 Resp: 53854
Ion Ratio Lower Upper
43 100
72 27.6 12.9 38.7

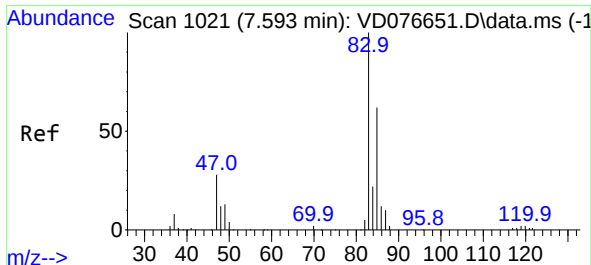
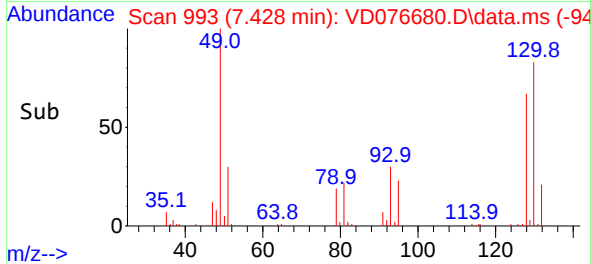
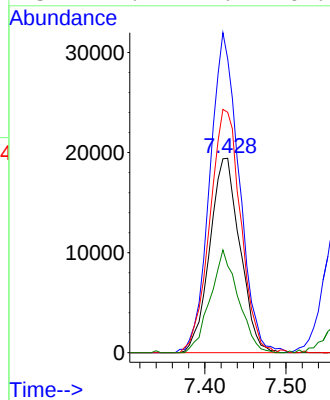
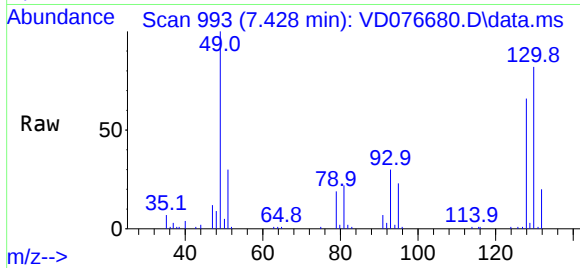




#23
Bromochloromethane
Concen: 25.873 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

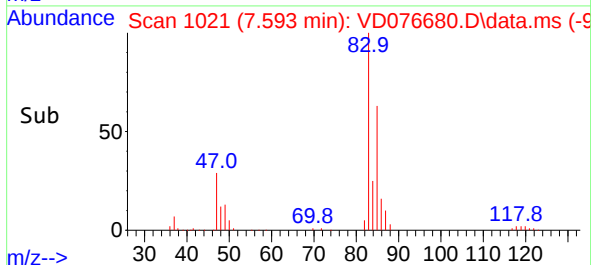
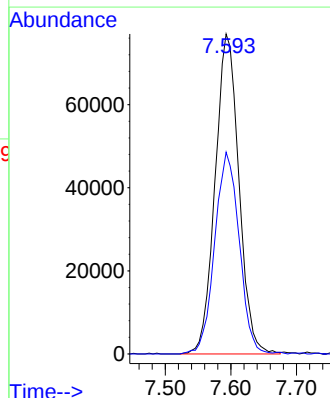
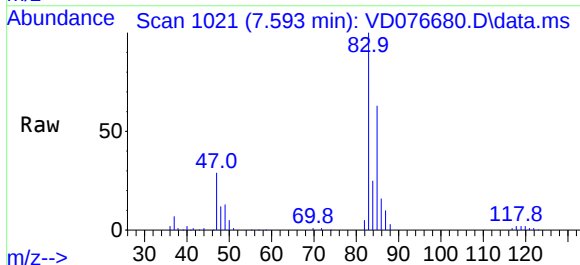
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

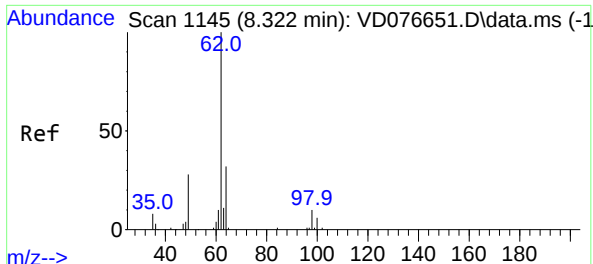
Tgt Ion:128 Resp: 50233
Ion Ratio Lower Upper
128 100
49 151.1 124.7 231.7
130 123.6 80.0 148.6
51 44.7 42.7 64.1



#25
Chloroform
Concen: 26.518 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 83 Resp: 193802
Ion Ratio Lower Upper
83 100
85 63.0 45.4 84.4

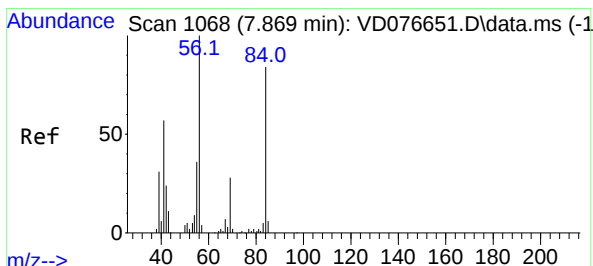
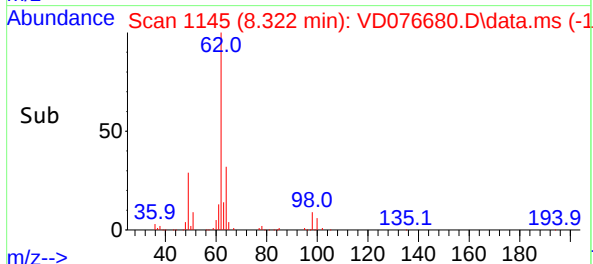
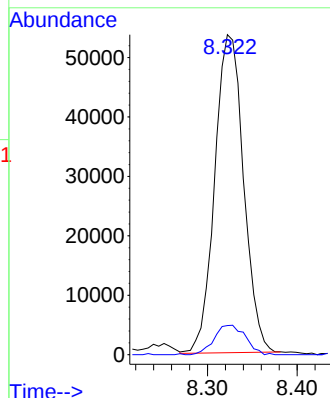
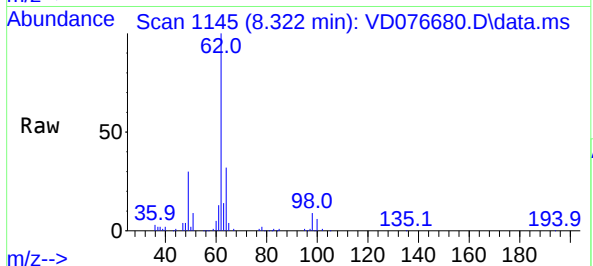




#27
1,2-Dichloroethane
Concen: 26.609 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

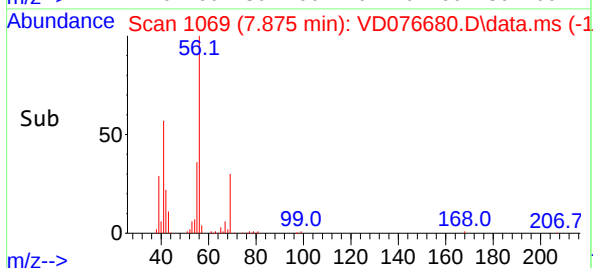
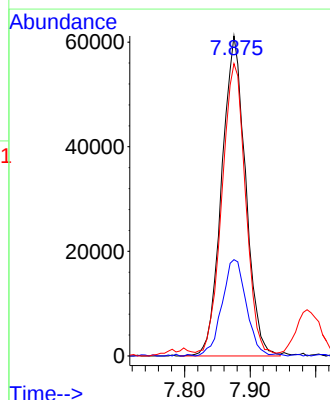
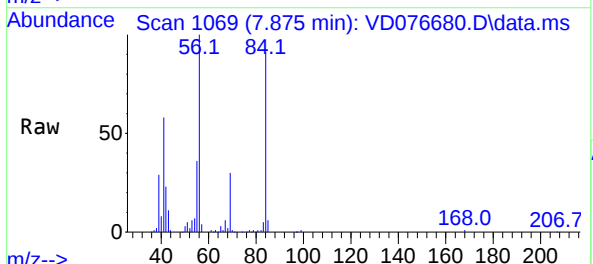
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

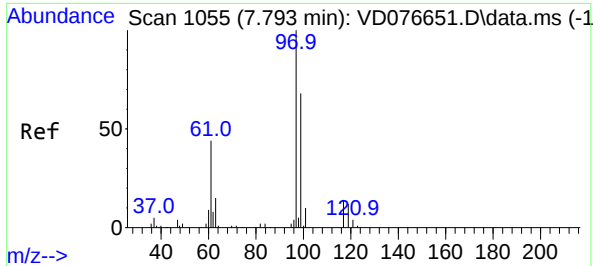
Tgt Ion: 62 Resp: 119592
Ion Ratio Lower Upper
62 100
98 9.1 8.7 13.1



#29
Cyclohexane
Concen: 22.844 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 56 Resp: 154310
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.0
84 91.2 66.3 99.5



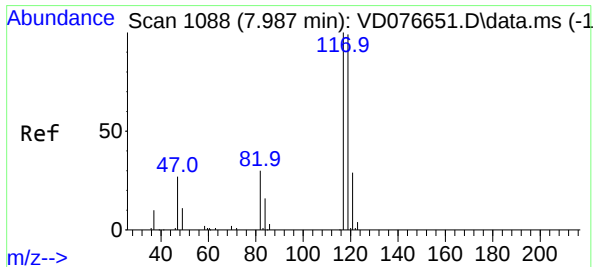
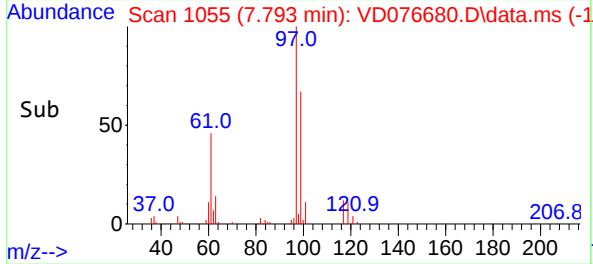
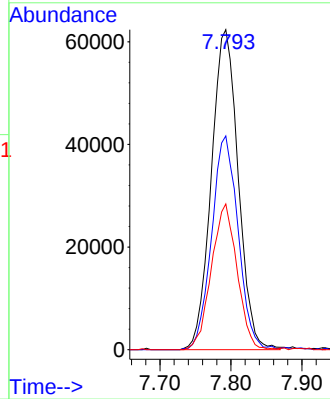
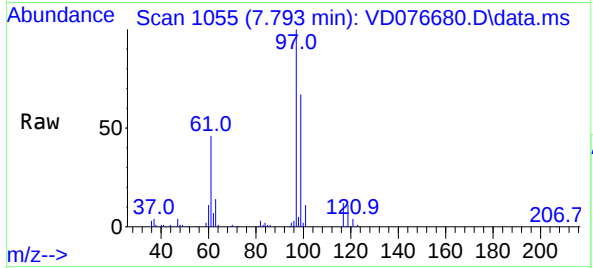


#30
1,1,1-Trichloroethane
Concen: 27.764 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

Tgt Ion: 97 Resp: 163838

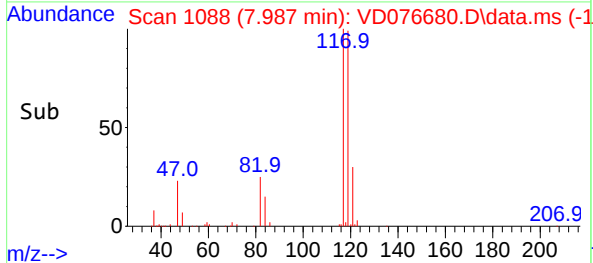
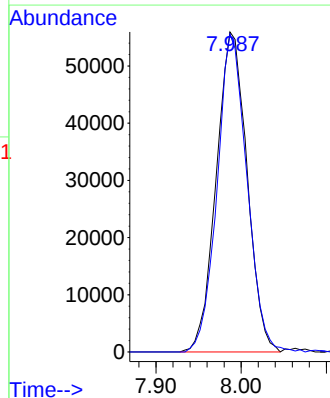
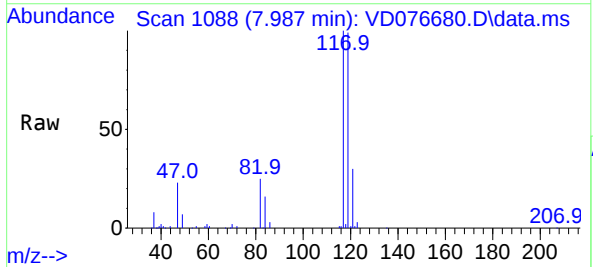
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.6
61	43.4	36.4	54.6

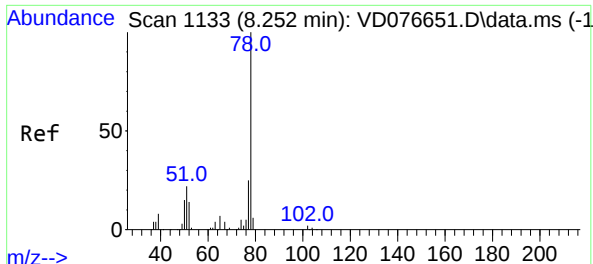


#31
Carbon tetrachloride
Concen: 29.735 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 117 Resp: 140330

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.8	116.6

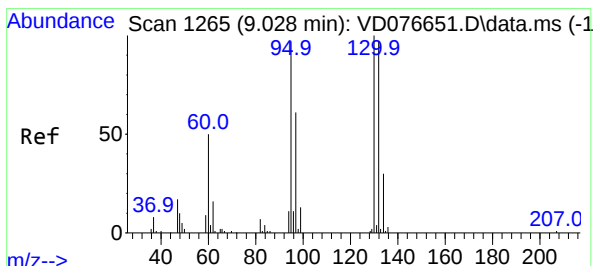
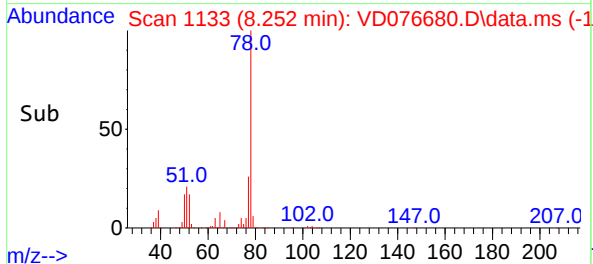
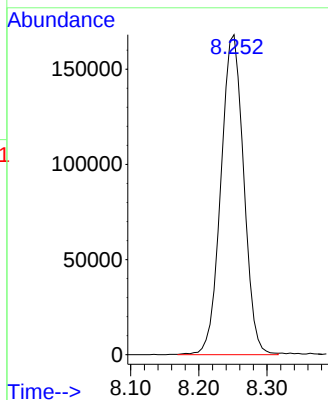
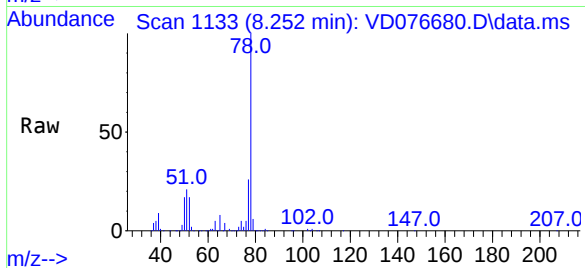




#33
Benzene
Concen: 23.287 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

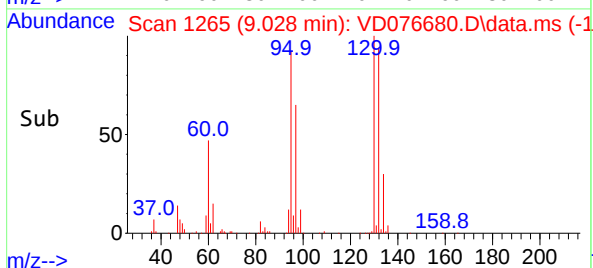
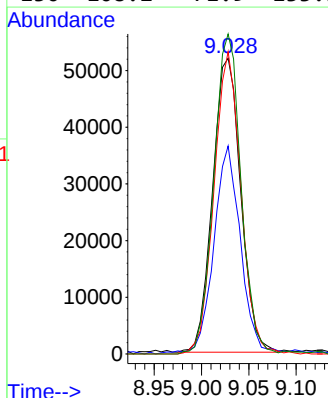
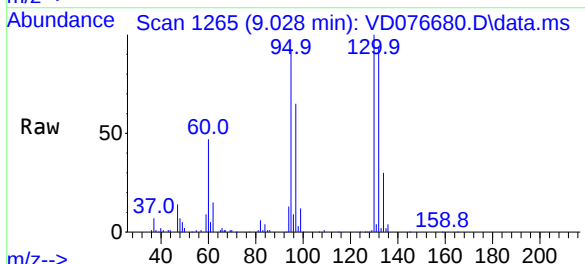
Tgt Ion: 78 Resp: 391497

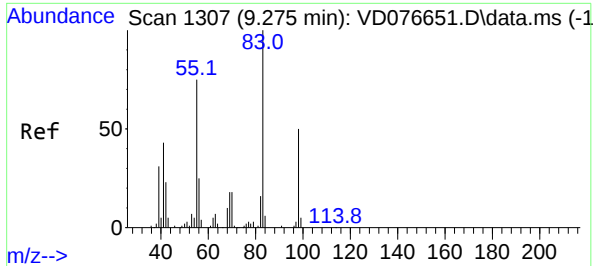


#34
Trichloroethene
Concen: 24.789 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 95 Resp: 107056

Ion	Ratio	Lower	Upper
95	100		
97	70.3	43.1	80.1
132	102.2	71.8	133.4
130	108.2	71.9	133.5



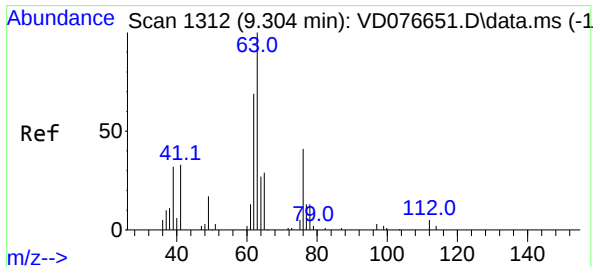
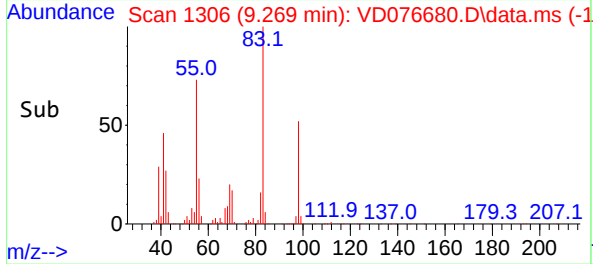
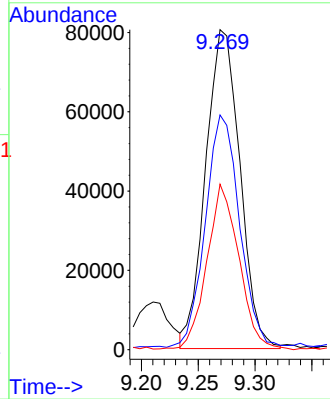
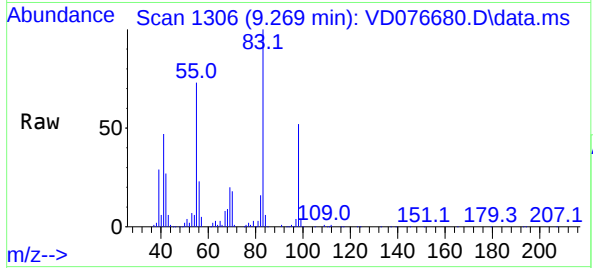


#35
Methylcyclohexane
Concen: 24.284 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

Tgt Ion: 83 Resp: 169115

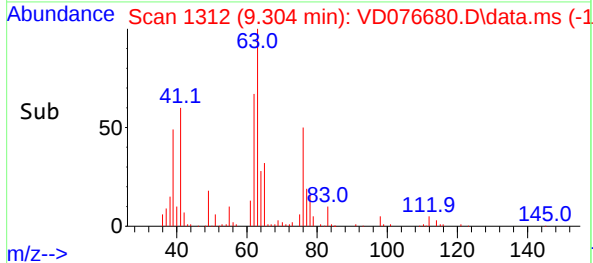
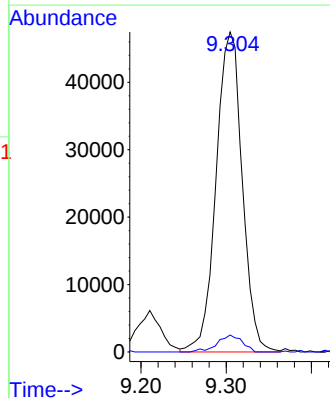
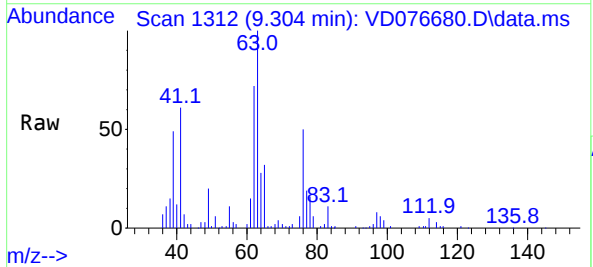
Ion	Ratio	Lower	Upper
83	100		
55	73.2	59.8	89.6
98	48.4	37.8	56.6

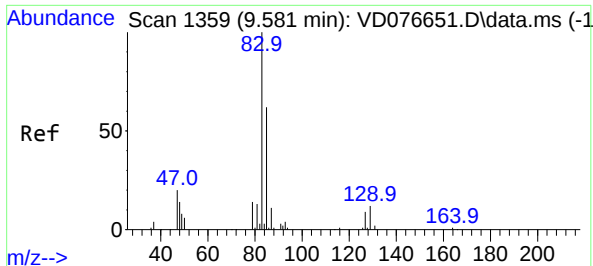


#37
1,2-Dichloropropane
Concen: 22.043 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 63 Resp: 101034

Ion	Ratio	Lower	Upper
63	100		
112	4.7	3.1	4.7#

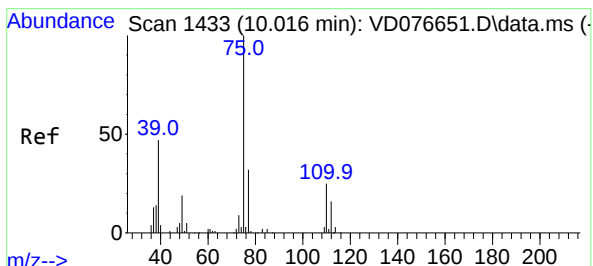
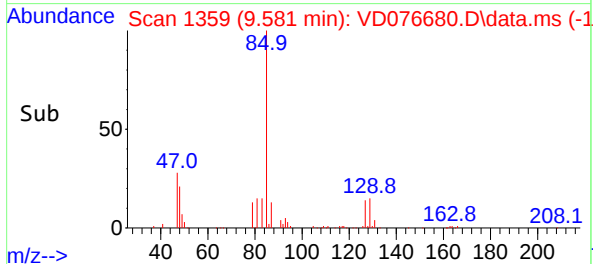
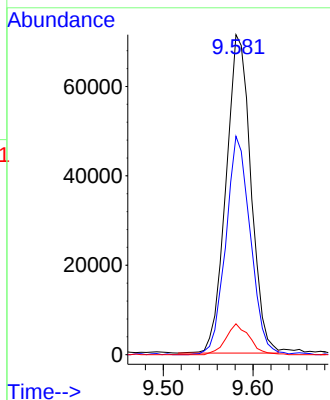
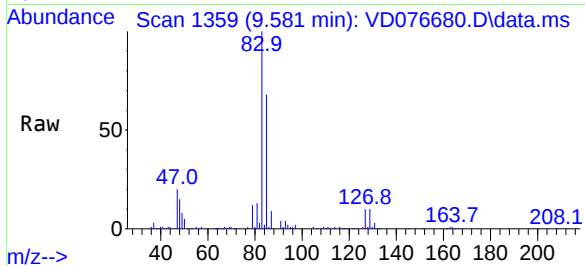




#38
Bromodichloromethane
Concen: 26.212 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

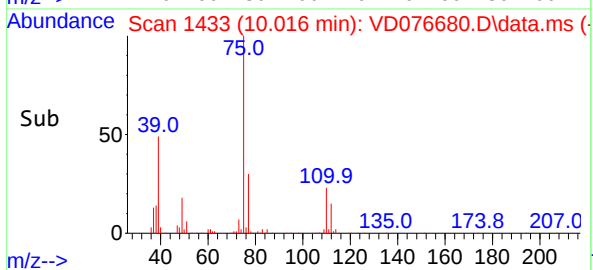
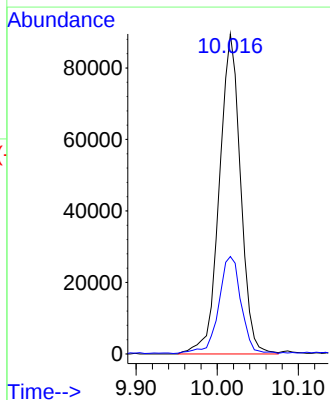
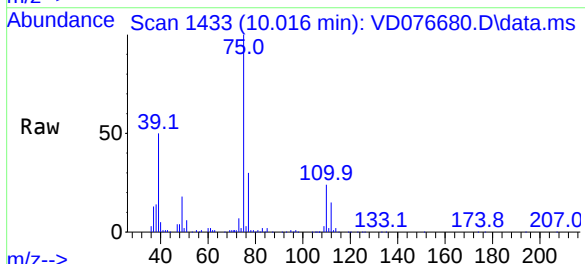
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

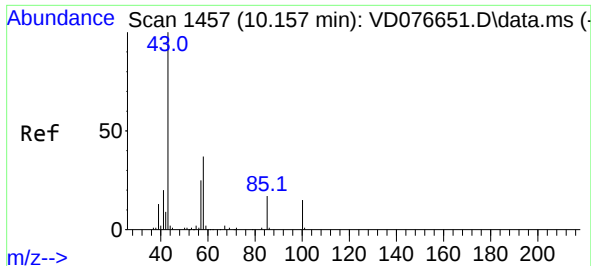
Tgt Ion: 83 Resp: 137027
Ion Ratio Lower Upper
83 100
85 68.2 43.9 81.5
127 9.6 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 23.257 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 75 Resp: 162771
Ion Ratio Lower Upper
75 100
77 30.5 22.7 42.3

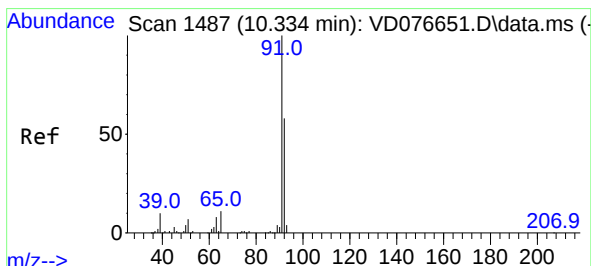
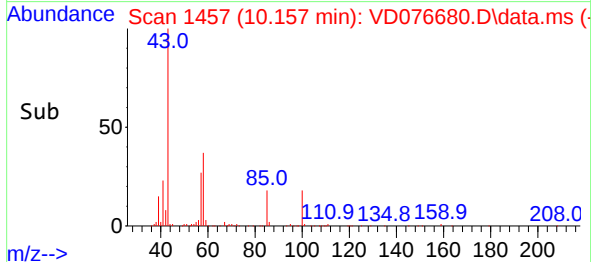
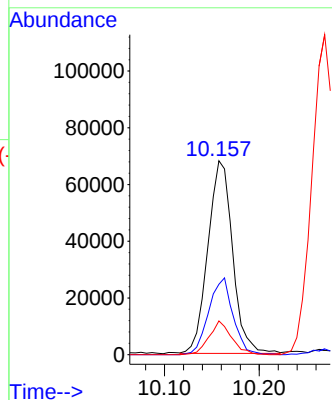
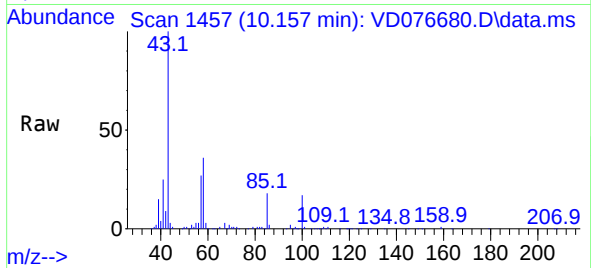




#40
4-Methyl-2-pentanone
Concen: 43.237 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

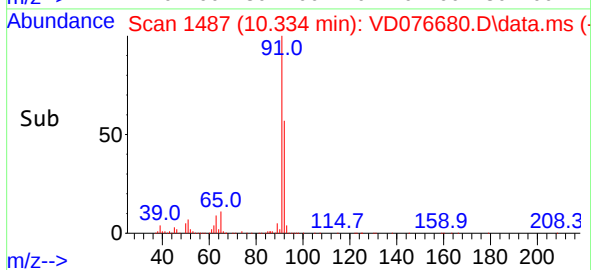
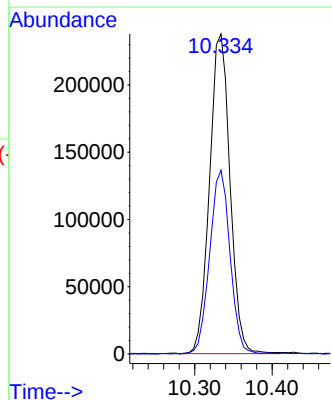
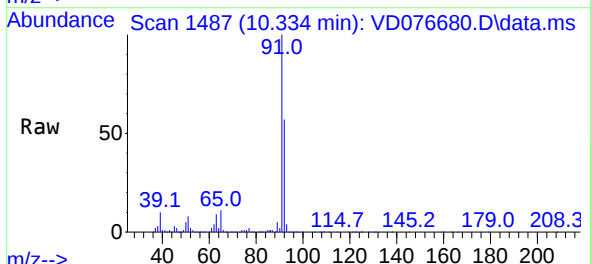
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

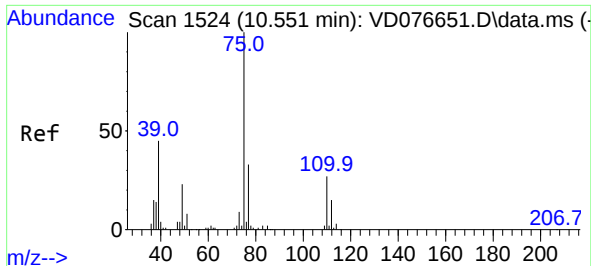
Tgt Ion: 43 Resp: 123282
Ion Ratio Lower Upper
43 100
58 39.0 30.7 46.1
100 15.9 11.0 16.4



#42
Toluene
Concen: 24.274 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 91 Resp: 436096
Ion Ratio Lower Upper
91 100
92 57.4 39.3 73.1

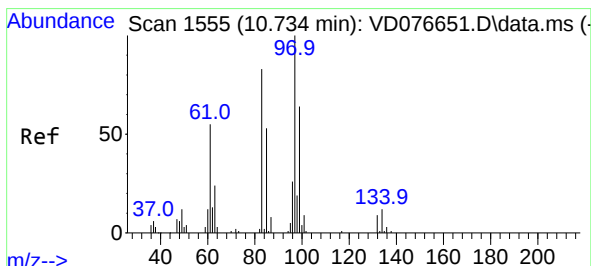
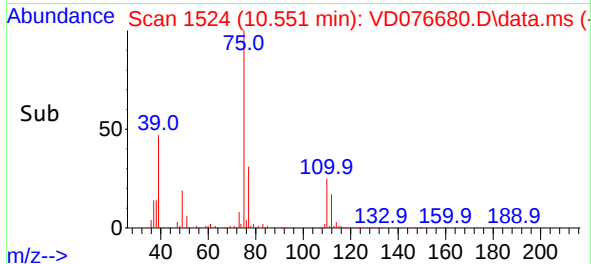
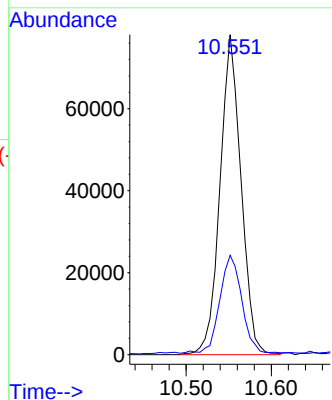
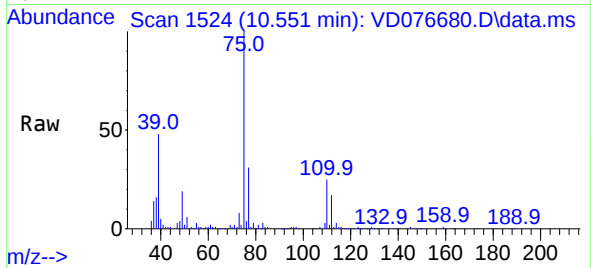




#44
trans-1,3-Dichloropropene
Concen: 23.557 ug/L
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

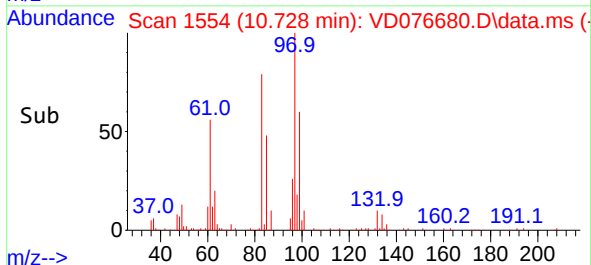
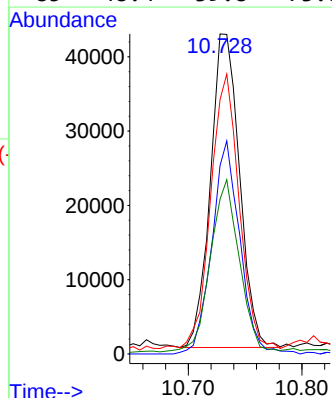
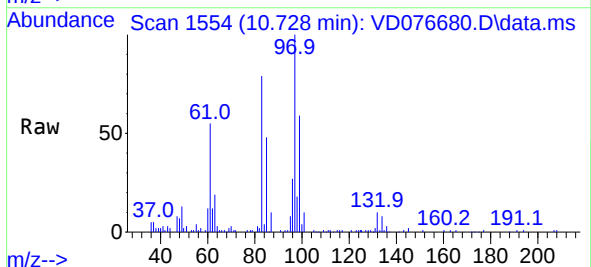
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

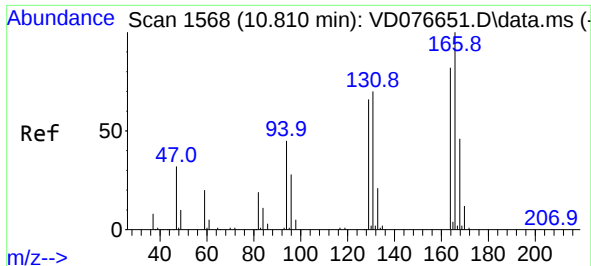
Tgt Ion: 75 Resp: 134015
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 23.927 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 97 Resp: 75223
Ion Ratio Lower Upper
97 100
99 58.8 41.9 77.9
83 79.5 59.2 110.0
85 48.4 39.8 73.8

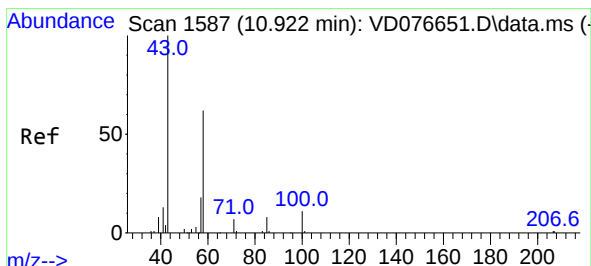
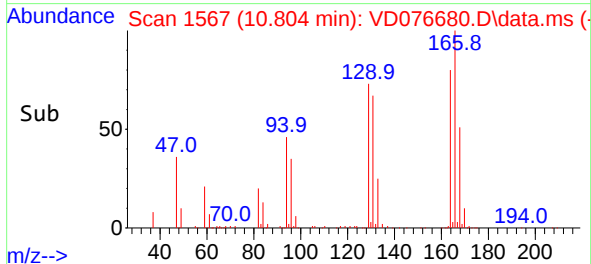
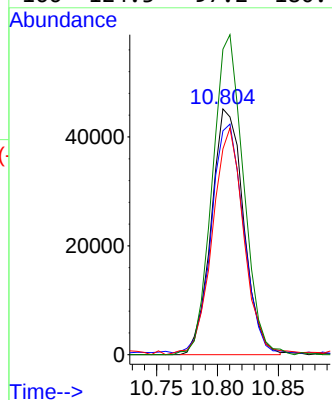
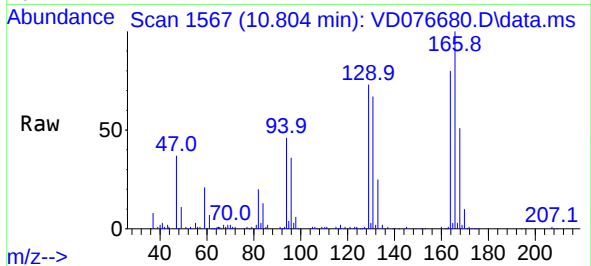




#46
Tetrachloroethene
Concen: 24.517 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

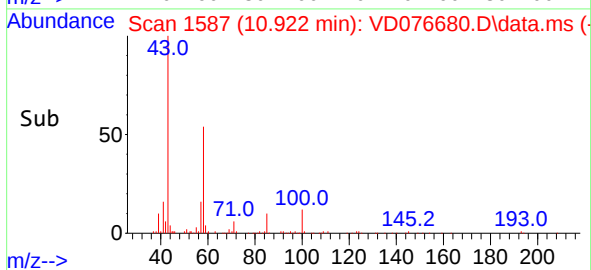
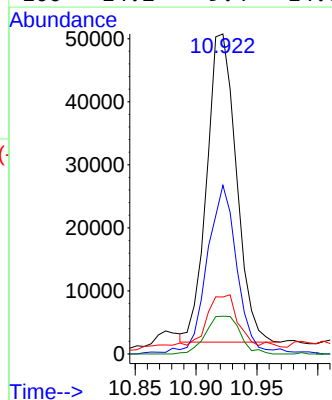
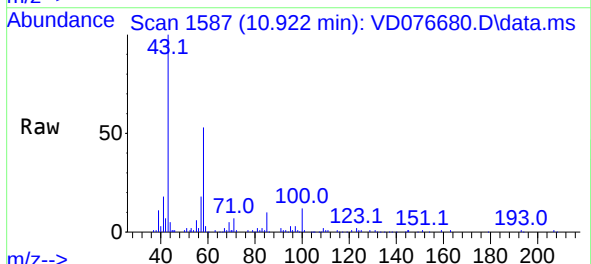
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

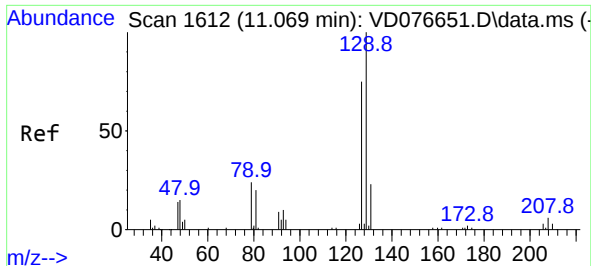
Tgt Ion:164 Resp: 83238
Ion Ratio Lower Upper
164 100
129 91.1 65.5 121.6
131 83.7 64.8 120.3
166 124.3 97.2 180.4



#48
2-Hexanone
Concen: 42.260 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 43 Resp: 82526
Ion Ratio Lower Upper
43 100
58 53.1 42.9 64.3
57 16.1 13.7 20.5
100 14.2 9.4 14.0#

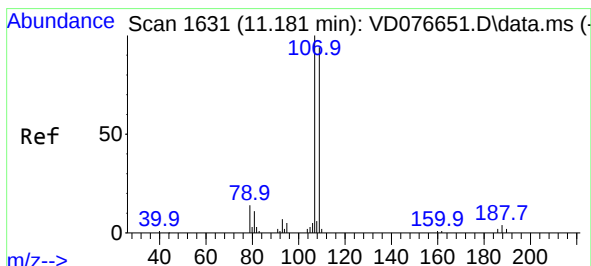
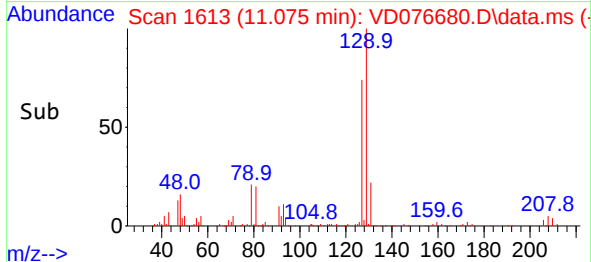
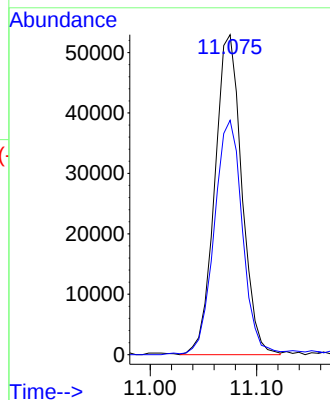
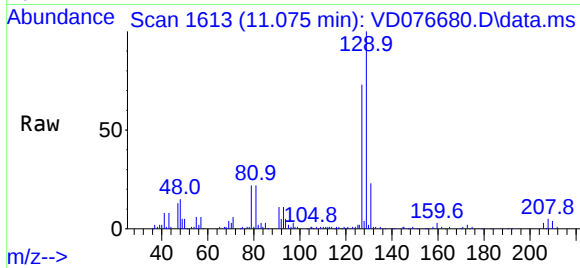




#49
Dibromochloromethane
Concen: 26.131 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

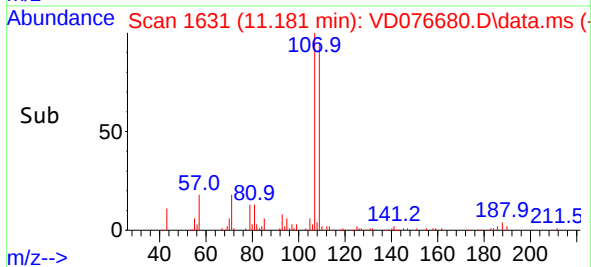
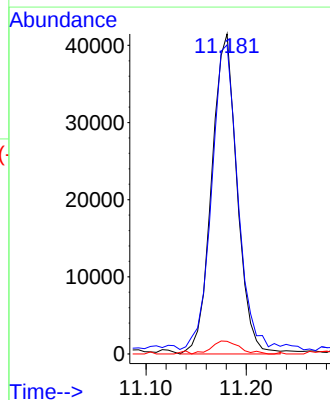
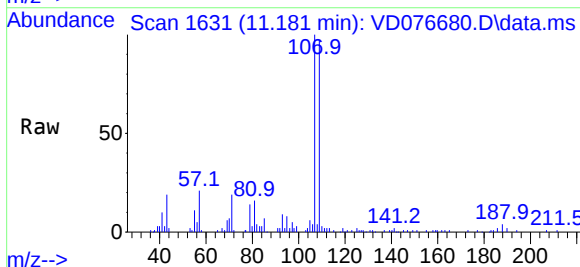
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

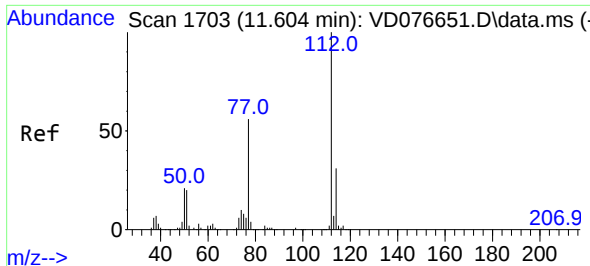
Tgt Ion:129 Resp: 93361
Ion Ratio Lower Upper
129 100
127 73.2 55.2 102.6



#50
1,2-Dibromoethane
Concen: 23.882 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:107 Resp: 72874
Ion Ratio Lower Upper
107 100
109 96.6 58.8 109.2
188 3.9 2.9 4.3

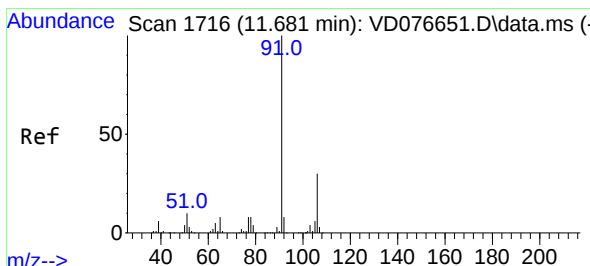
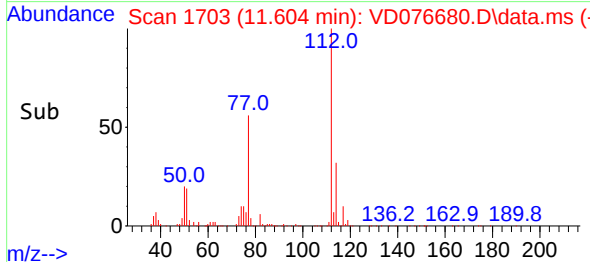
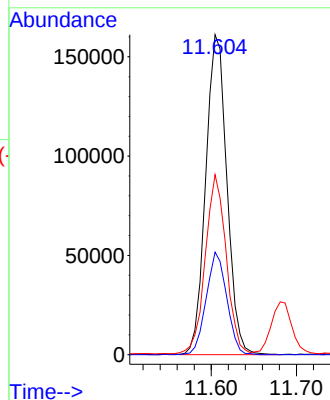
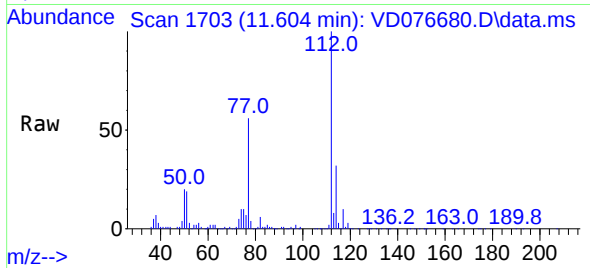




#51
Chlorobenzene
Concen: 24.882 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

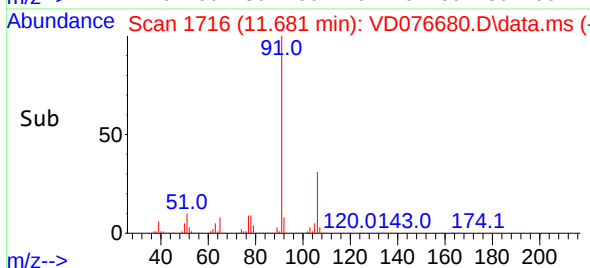
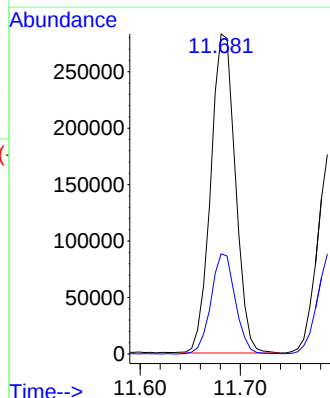
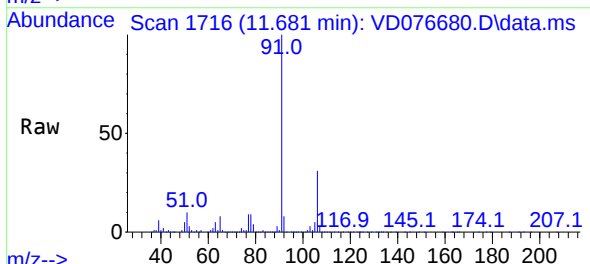
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

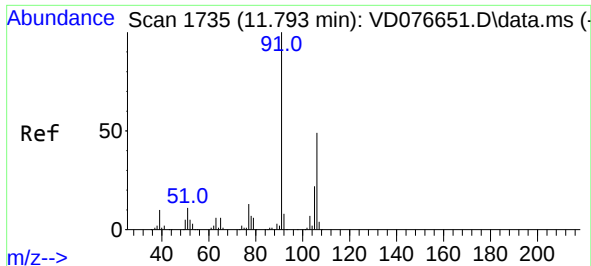
Tgt Ion:112 Resp: 279084
Ion Ratio Lower Upper
112 100
114 32.1 21.5 39.9
77 56.2 43.4 65.2



#52
Ethylbenzene
Concen: 24.915 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion: 91 Resp: 482468
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6

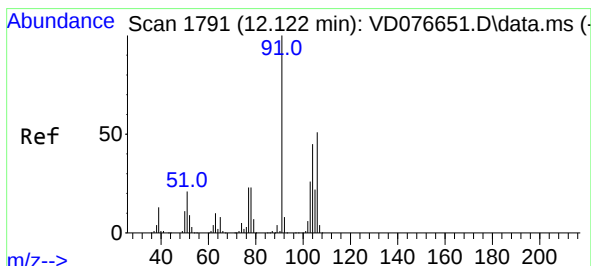
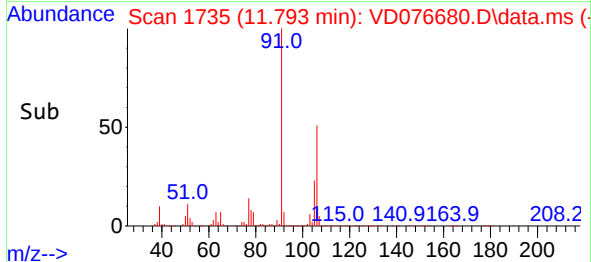
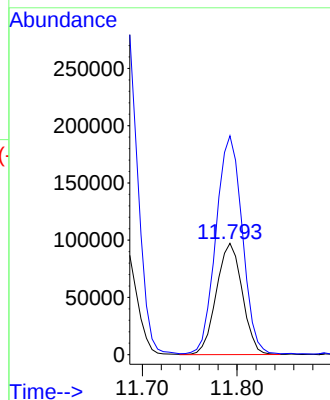
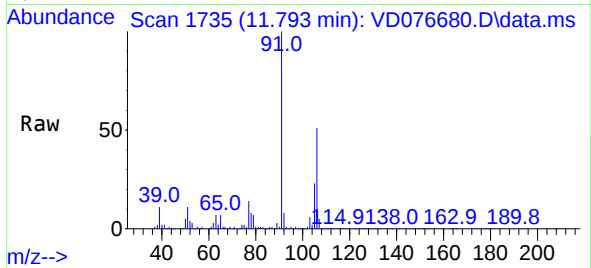




#53
m,p-Xylene
Concen: 24.269 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

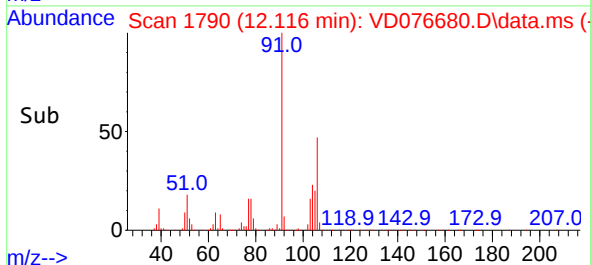
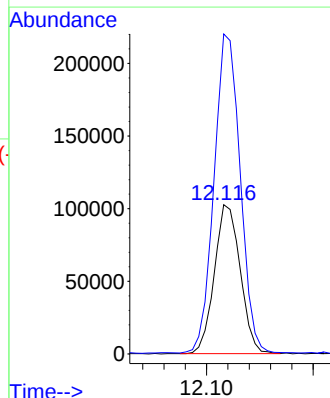
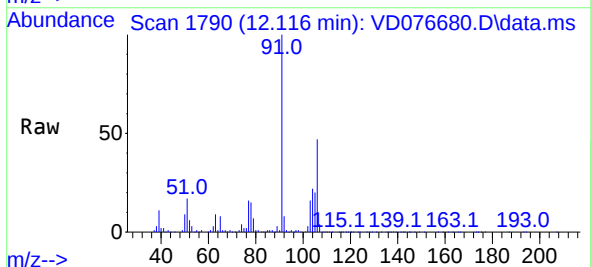
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

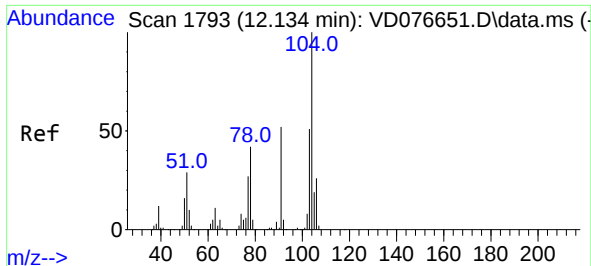
Tgt Ion:106 Resp: 184682
Ion Ratio Lower Upper
106 100
91 196.7 141.5 262.9



#54
o-Xylene
Concen: 23.833 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:106 Resp: 172689
Ion Ratio Lower Upper
106 100
91 214.4 142.2 264.2

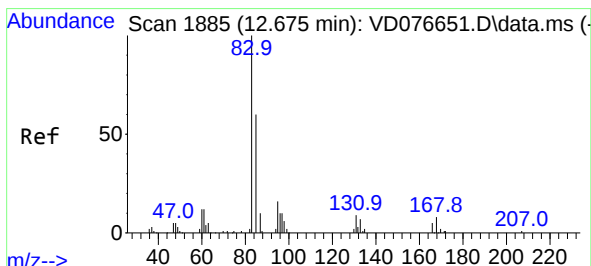
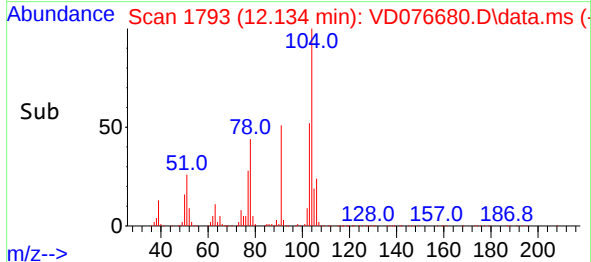
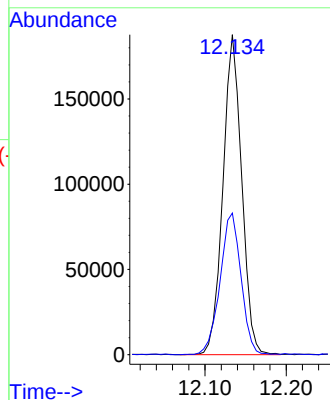
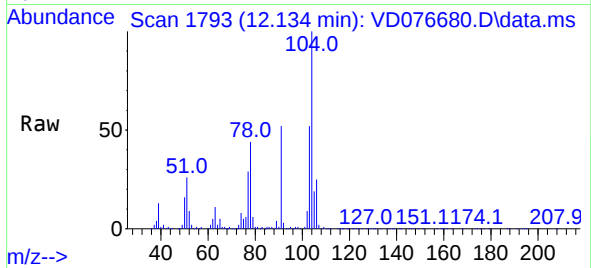




#55
Styrene
Concen: 24.128 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

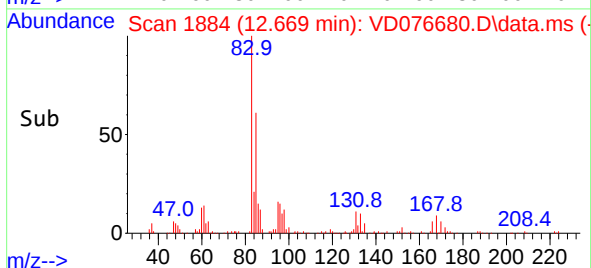
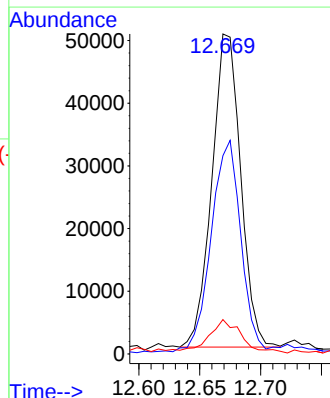
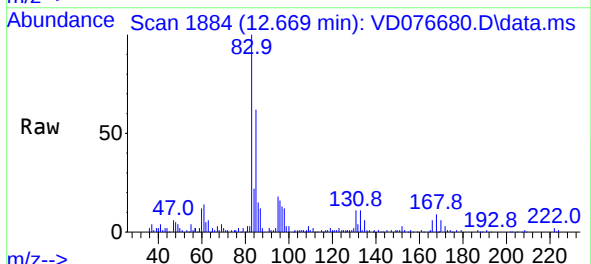
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

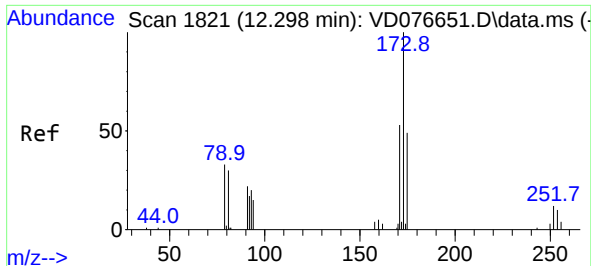
Tgt Ion:104 Resp: 302049
Ion Ratio Lower Upper
104 100
78 44.3 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 22.960 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

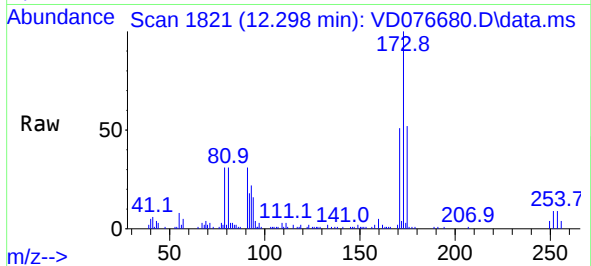
Tgt Ion: 83 Resp: 82493
Ion Ratio Lower Upper
83 100
85 62.0 46.3 86.1
131 14.7 7.0 10.4#



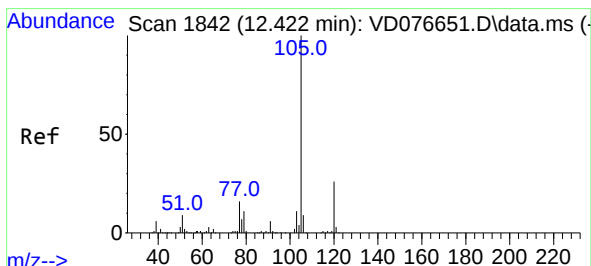
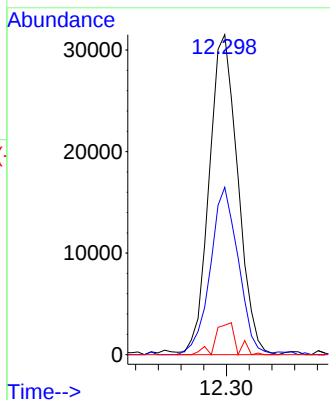
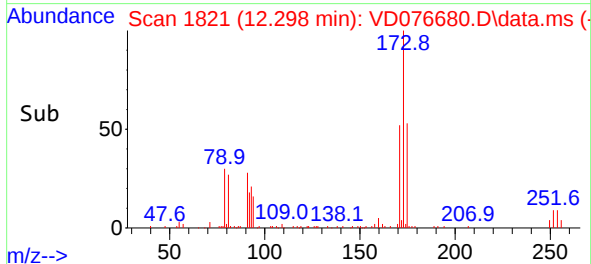


#59
Bromoform
Concen: 25.232 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

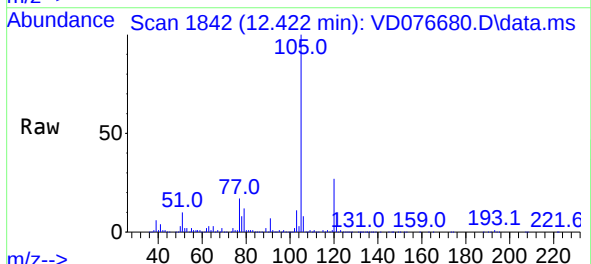
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168



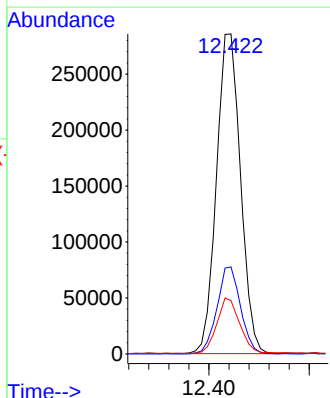
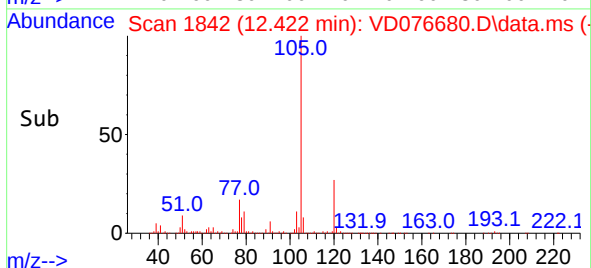
Tgt Ion:173 Resp: 55207
Ion Ratio Lower Upper
173 100
175 51.1 39.0 58.4
254 5.6 5.3 7.9

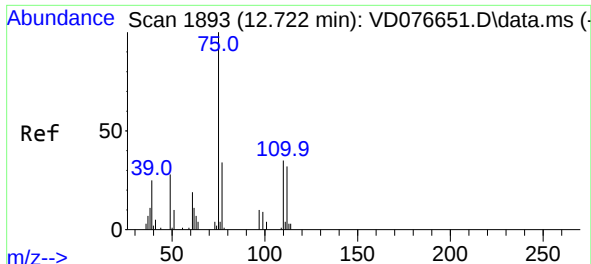


#60
Isopropylbenzene
Concen: 25.405 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11



Tgt Ion:105 Resp: 474938
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 16.4 12.2 18.4

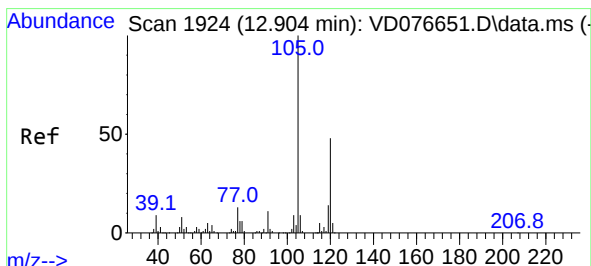
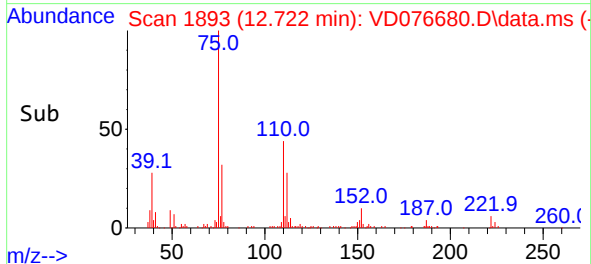
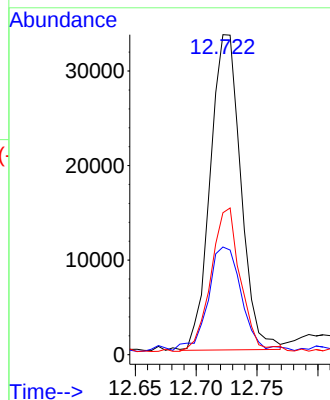
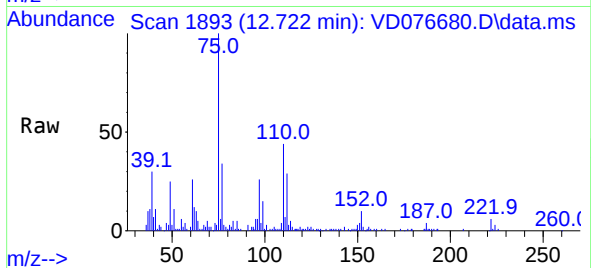




#61
1,2,3-Trichloropropane
Concen: 24.501 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

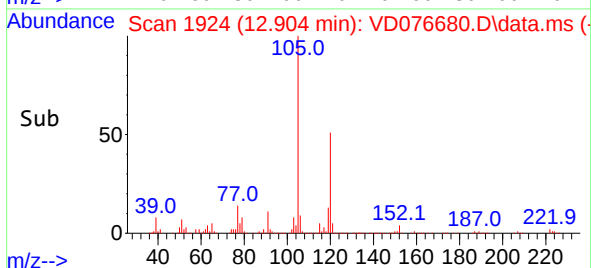
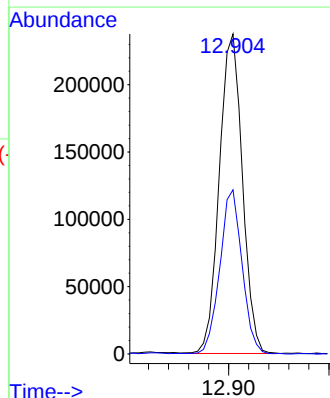
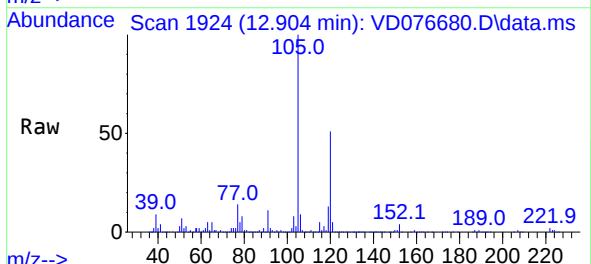
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

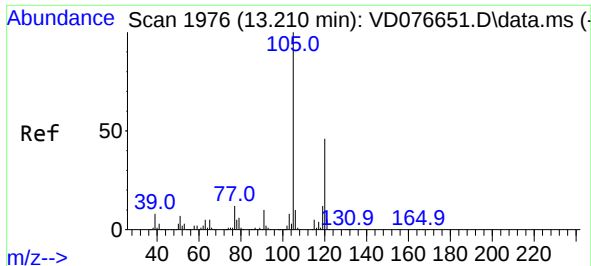
Tgt Ion:	75	Resp:	58115
Ion	Ratio	Lower	Upper
75	100		
77	34.3	27.2	40.8
110	43.2	31.8	47.6



#62
1,3,5-Trimethylbenzene
Concen: 25.364 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:	105	Resp:	379364
Ion	Ratio	Lower	Upper
105	100		
120	49.5	39.8	59.6

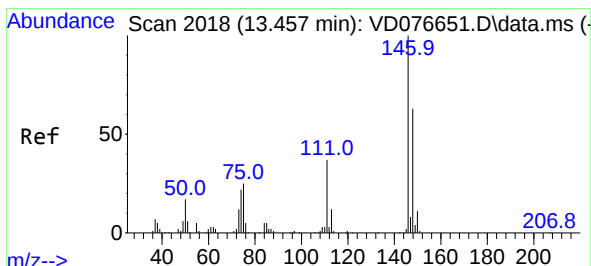
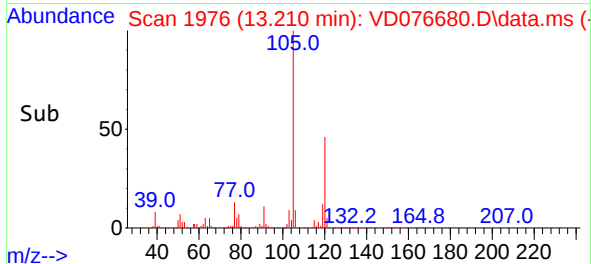
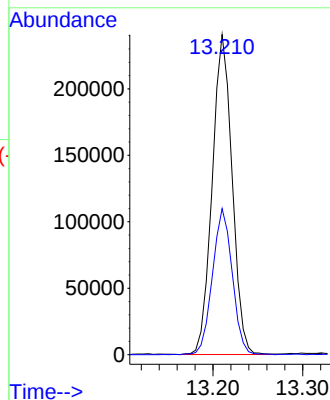
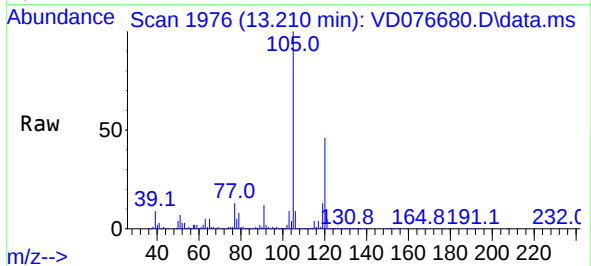




#63
1,2,4-Trimethylbenzene
Concen: 25.103 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

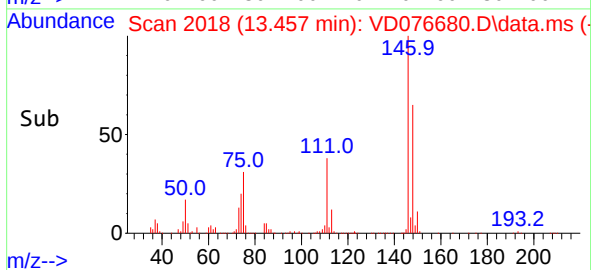
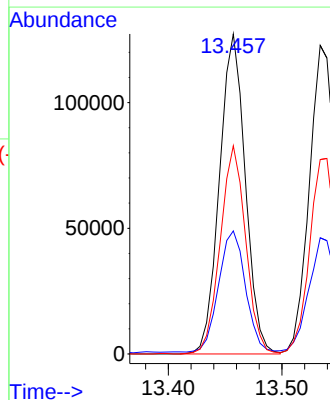
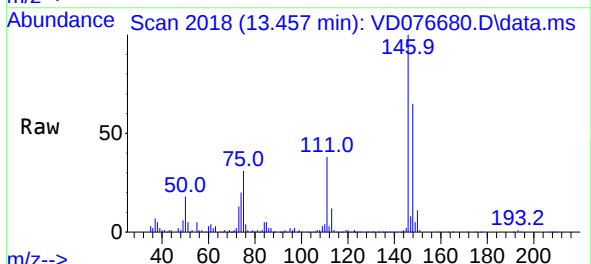
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

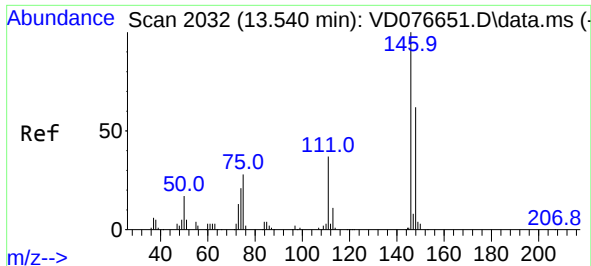
Tgt Ion:105 Resp: 370507
Ion Ratio Lower Upper
105 100
120 45.4 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 24.198 ug/L
RT: 13.457 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:146 Resp: 201252
Ion Ratio Lower Upper
146 100
111 38.4 25.6 47.4
148 65.1 44.3 82.3

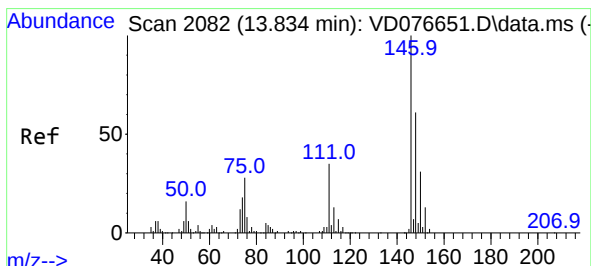
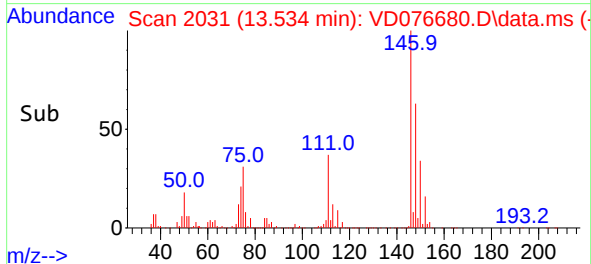
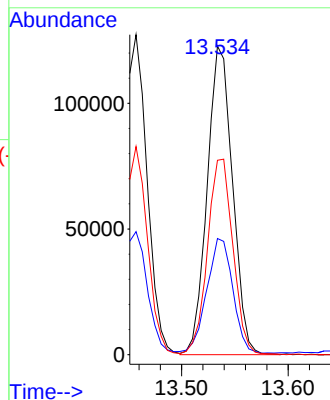
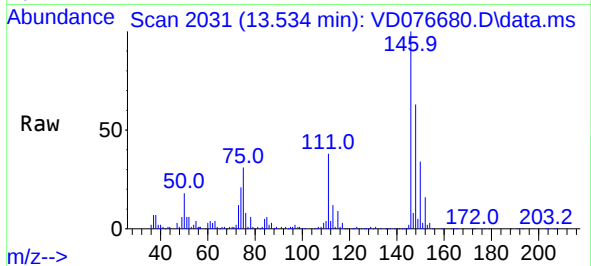




#65
1,4-Dichlorobenzene
Concen: 24.260 ug/L
RT: 13.534 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

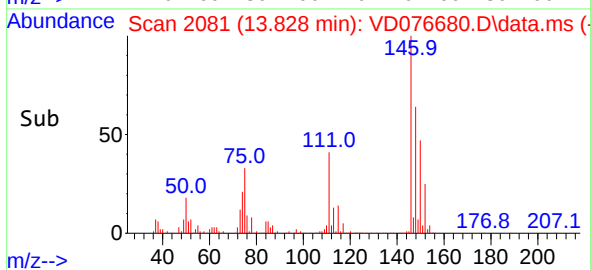
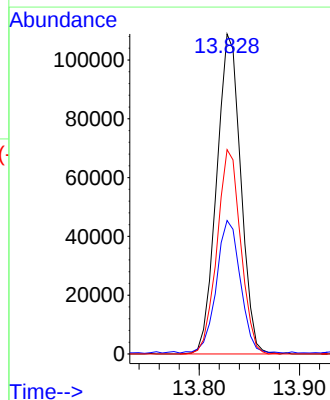
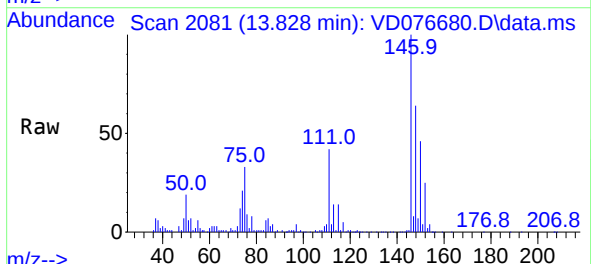
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

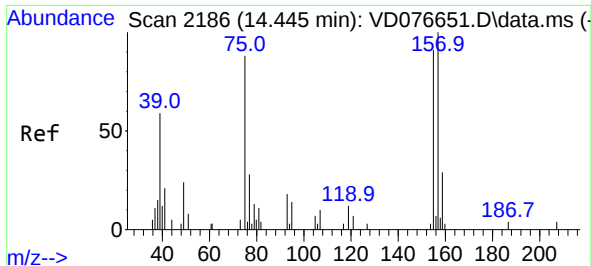
Tgt Ion:146 Resp: 203383
Ion Ratio Lower Upper
146 100
111 37.6 25.7 47.7
148 63.0 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 24.521 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:146 Resp: 181677
Ion Ratio Lower Upper
146 100
111 41.7 31.3 46.9
148 63.8 51.7 77.5

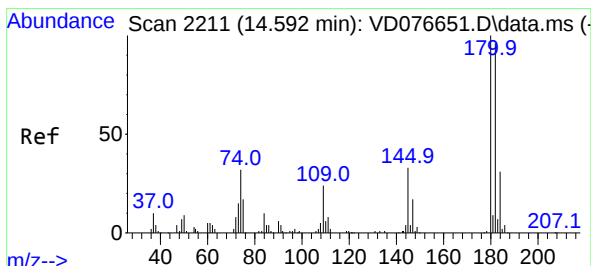
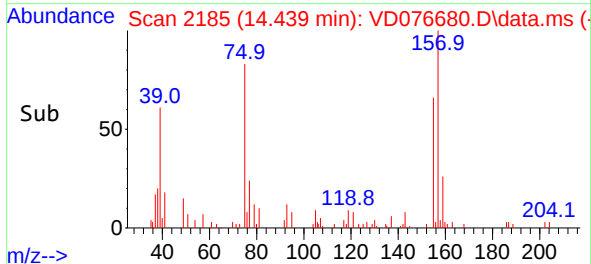
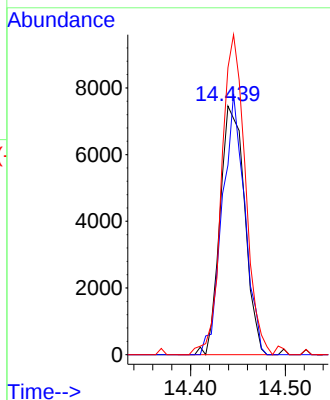
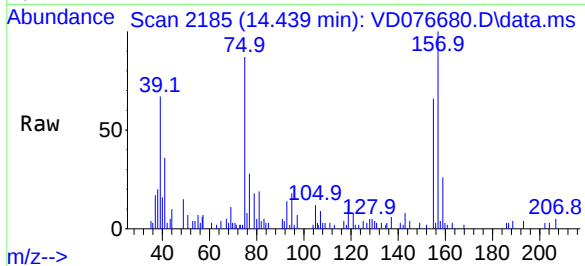




#68
1,2-Dibromo-3-chloropropane
Concen: 25.431 ug/L
RT: 14.439 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

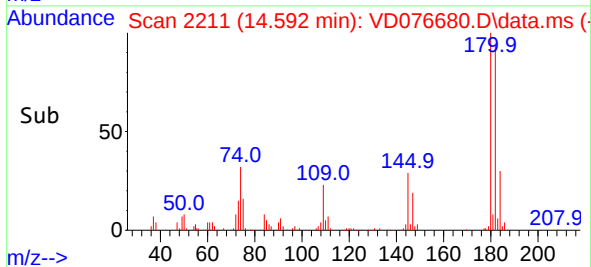
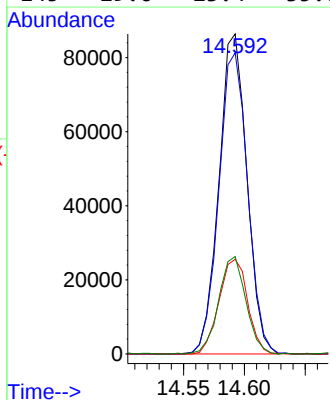
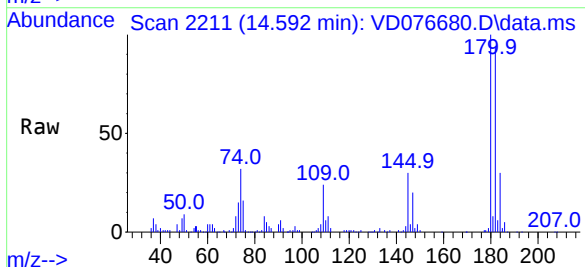
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

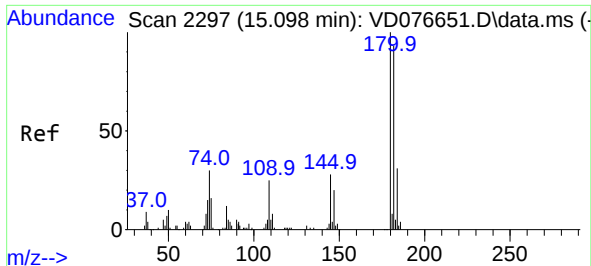
Tgt Ion: 75 Resp: 13443
Ion Ratio Lower Upper
75 100
155 76.3 76.2 114.4
157 115.5 89.4 134.2



#69
1,3,5-Trichlorobenzene
Concen: 24.914 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:180 Resp: 138209
Ion Ratio Lower Upper
180 100
182 96.5 77.1 115.7
184 30.2 25.0 37.4
145 29.6 23.4 35.0

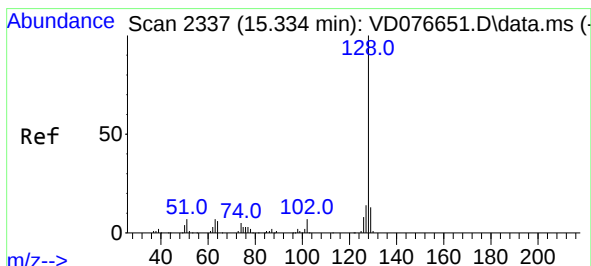
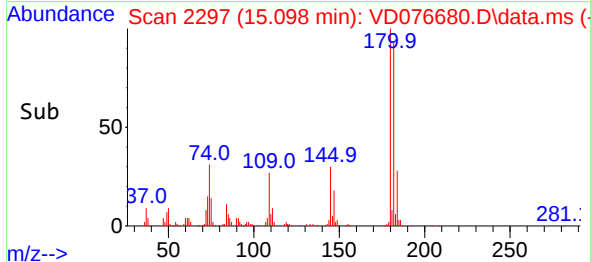
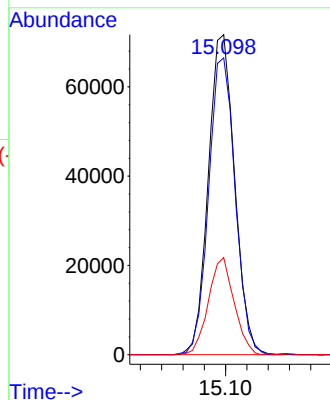
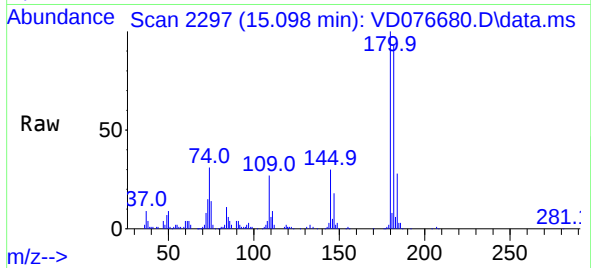




#70
1,2,4-trichlorobenzene
Concen: 24.938 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

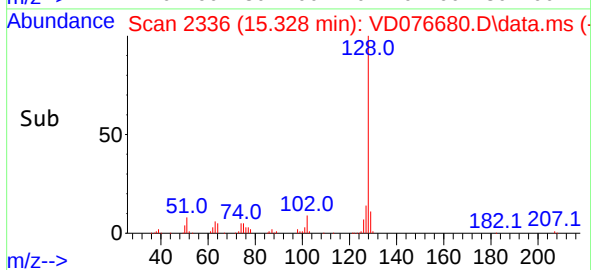
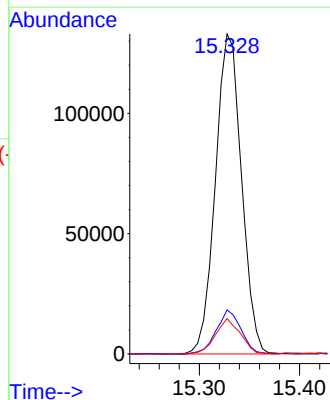
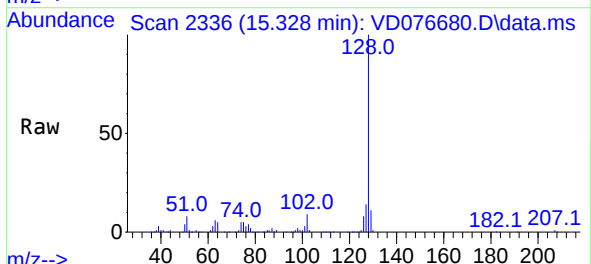
Instrument :
MSVOA_D
ClientSampleId :
VSTD025168

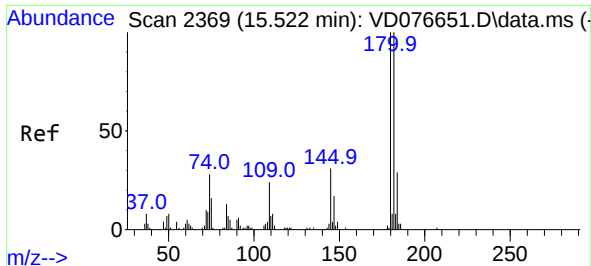
Tgt Ion:180 Resp: 123091
Ion Ratio Lower Upper
180 100
182 93.4 76.9 115.3
145 29.6 23.5 35.3



#71
Naphthalene
Concen: 25.432 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076680.D
Acq: 30 Jun 2023 23:11

Tgt Ion:128 Resp: 240337
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.6 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 24.005 ug/L
 RT: 15.516 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD076680.D
 Acq: 30 Jun 2023 23:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025168

Tgt Ion:180 Resp: 102892
 Ion Ratio Lower Upper
 180 100
 182 96.3 74.3 111.5
 145 32.3 25.0 37.6

