

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077572.D
 Acq On : 14 Nov 2023 19:43
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:29:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	309215	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	286840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	144409	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	162015	20.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.400%
7) Chloroethane-d5	2.805	69	142562	23.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
11) 1,1-Dichloroethene-d2	3.917	65	48651	20.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.000%
21) 2-Butanone-d5	6.987	46	67605	49.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
24) Chloroform-d	7.569	84	221066	24.749	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.234	65	116332	24.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.920%
32) Benzene-d6	8.205	84	436297	23.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.760%
36) 1,2-Dichloropropane-d6	9.210	67	144588	23.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.269	98	390927	23.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	10.528	79	61853	23.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.640%
47) 2-Hexanone-d5	10.875	63	53046	48.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105300	26.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	124503	24.235	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	114052	22.903	ug/L	100
3) Chloromethane	2.152	50	177340	24.753	ug/L	97
5) Vinyl chloride	2.287	62	194267	24.024	ug/L	98
6) Bromomethane	2.699	94	117291	27.244	ug/L	99
8) Chloroethane	2.840	64	130041	25.867	ug/L	95
9) Trichlorofluoromethane	3.181	101	179758	24.426	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	107976	23.843	ug/L	99
12) 1,1-Dichloroethene	3.946	96	104595	23.786	ug/L	94
13) Acetone	4.017	43	67095	46.870	ug/L	100
14) Carbon disulfide	4.275	76	356681	22.527	ug/L	100
15) Methyl Acetate	4.564	43	56431	23.962	ug/L	99
16) Methylene chloride	4.805	84	122094	23.386	ug/L	98
17) trans-1,2-Dichloroethene	5.311	96	112354	24.290	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	270814	24.945	ug/L	100
19) 1,1-Dichloroethane	6.116	63	230721	24.861	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	127018	25.275	ug/L	97
22) 2-Butanone	7.081	43	79625	46.228	ug/L	100
23) Bromochloromethane	7.434	128	51849	25.677	ug/L	96
25) Chloroform	7.593	83	221640	25.997	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077572.D
 Acq On : 14 Nov 2023 19:43
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:29:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

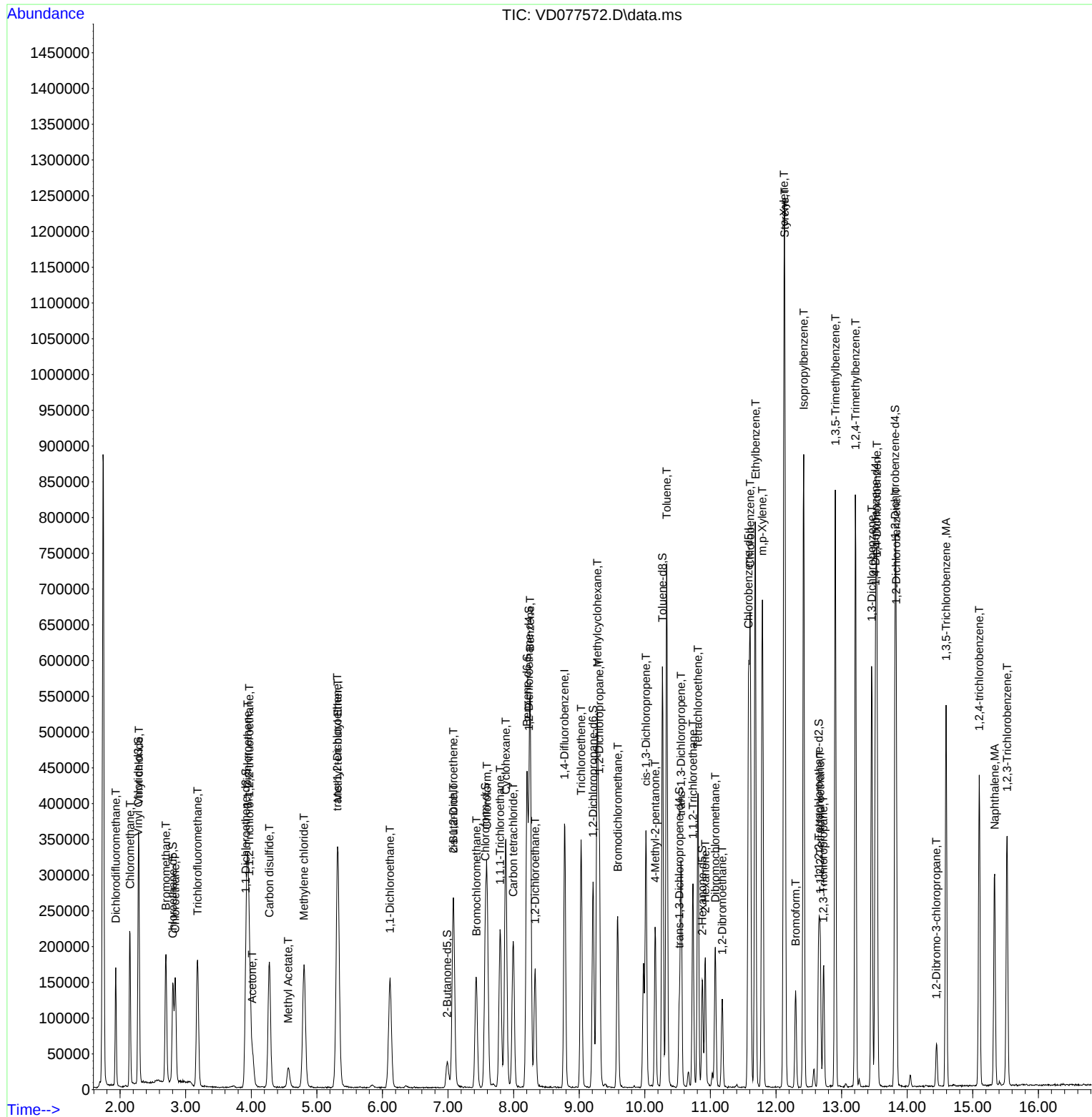
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	145056	25.666	ug/L	97
29) Cyclohexane	7.881	56	205888	22.107	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	182071	24.247	ug/L	100
31) Carbon tetrachloride	7.993	117	156131	24.194	ug/L	97
33) Benzene	8.252	78	500321	25.153	ug/L	100
34) Trichloroethene	9.028	95	122007	24.754	ug/L	90
35) Methylcyclohexane	9.275	83	204588	23.002	ug/L	98
37) 1,2-Dichloropropane	9.304	63	139529	25.232	ug/L	100
38) Bromodichloromethane	9.587	83	160680	25.332	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	211212	24.856	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	158617	47.070	ug/L	99
42) Toluene	10.334	91	524978	25.138	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	177104	25.224	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	87681	25.940	ug/L	97
46) Tetrachloroethene	10.810	164	89172	24.588	ug/L	93
48) 2-Hexanone	10.922	43	121304	45.414	ug/L	98
49) Dibromochloromethane	11.075	129	97333	25.350	ug/L	99
50) 1,2-Dibromoethane	11.181	107	80905	25.029	ug/L #	98
51) Chlorobenzene	11.604	112	313113	25.592	ug/L	97
52) Ethylbenzene	11.687	91	580122	25.246	ug/L	96
53) m,p-Xylene	11.793	106	214742	25.681	ug/L	100
54) o-Xylene	12.122	106	207630	25.926	ug/L	94
55) Styrene	12.134	104	365427	26.133	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	102157	25.655	ug/L	94
59) Bromoform	12.298	173	59796	24.287	ug/L	99
60) Isopropylbenzene	12.422	105	559616	23.958	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	70576	22.944	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	431243	24.326	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	441011	24.558	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	236166	24.645	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	240511	24.869	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	209509	24.729	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	15321	22.898	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.592	180	157537	24.144	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	133250	24.231	ug/L	99
71) Naphthalene	15.334	128	248447	23.972	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	118441	25.260	ug/L	97

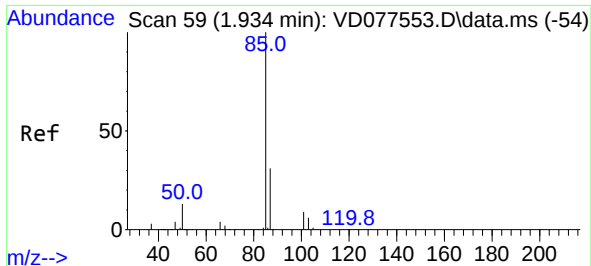
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077572.D
 Acq On : 14 Nov 2023 19:43
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:29:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

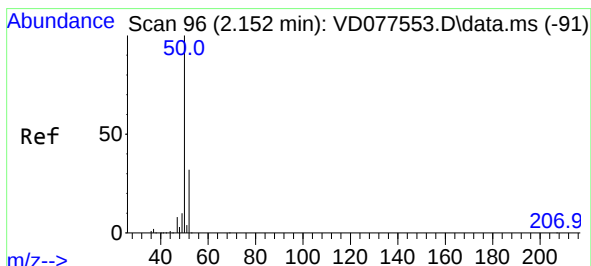
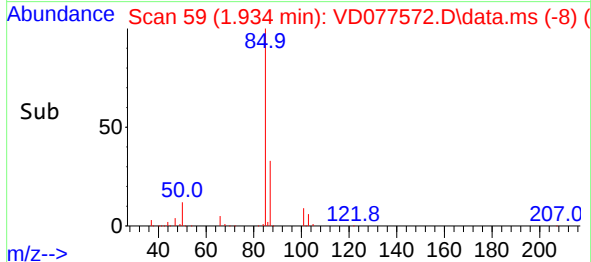
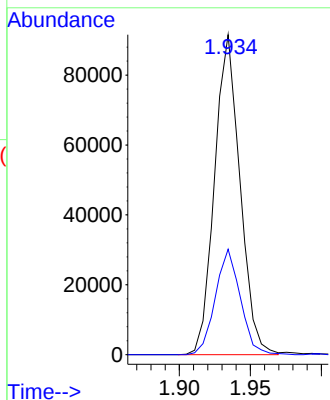
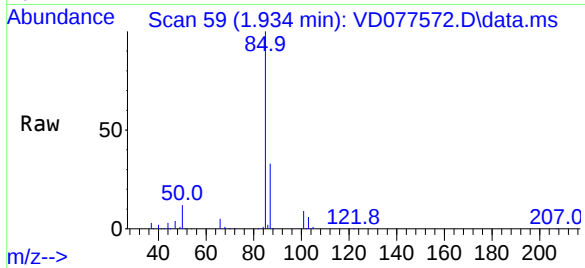




#2
Dichlorodifluoromethane
Concen: 22.903 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

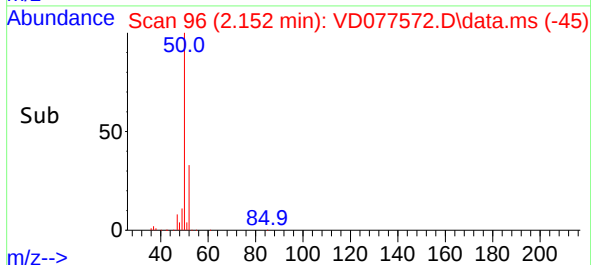
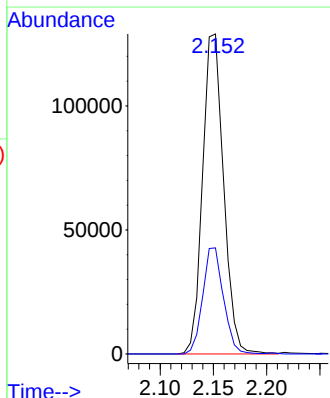
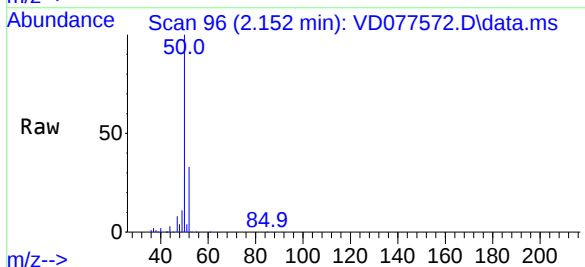
Instrument :
MSVOA_D
ClientSampleId :

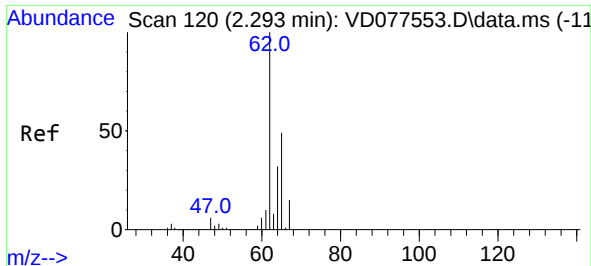
Tgt Ion: 85 Resp: 114052
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.2



#3
Chloromethane
Concen: 24.753 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 50 Resp: 177340
Ion Ratio Lower Upper
50 100
52 33.1 22.1 41.1

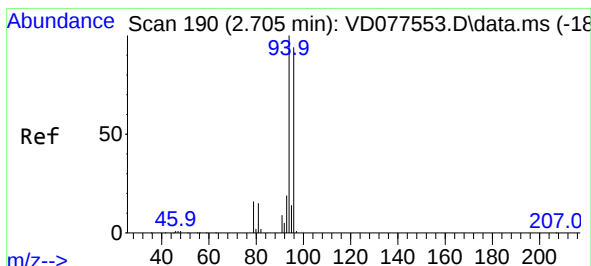
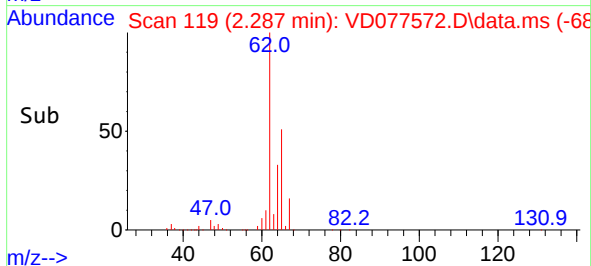
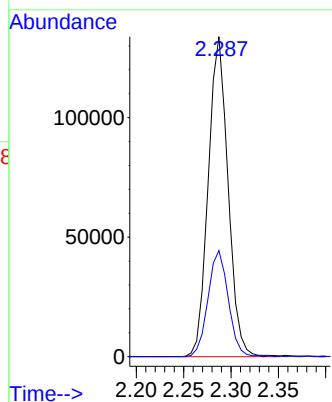
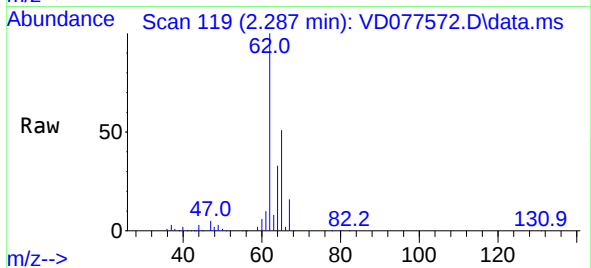




#5
 Vinyl chloride
 Concen: 24.024 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD077572.D
 Acq: 14 Nov 2023 19:43

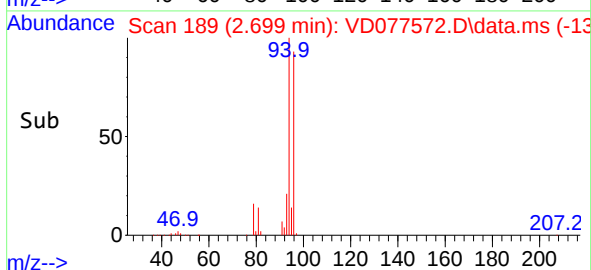
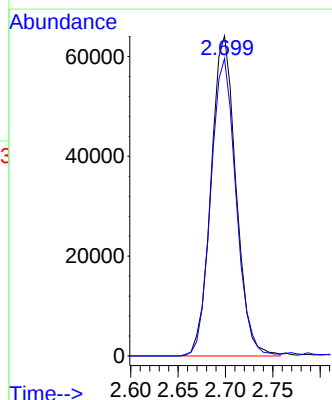
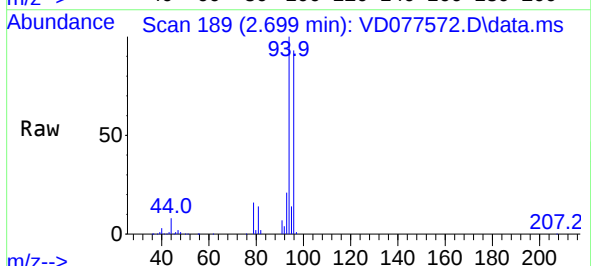
Instrument :
 MSVOA_D
 ClientSampleId :

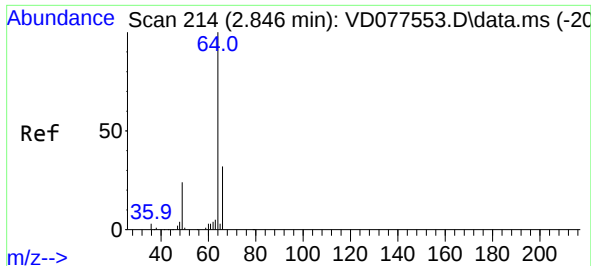
Tgt Ion: 62 Resp: 194267
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.9 44.5



#6
 Bromomethane
 Concen: 27.244 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD077572.D
 Acq: 14 Nov 2023 19:43

Tgt Ion: 94 Resp: 117291
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.5 119.9

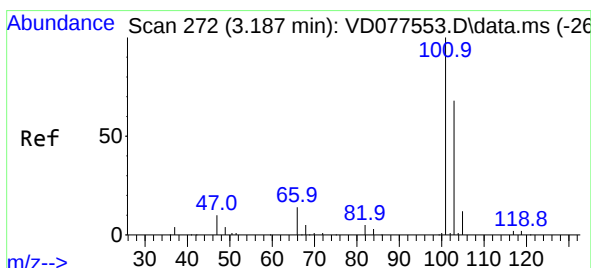
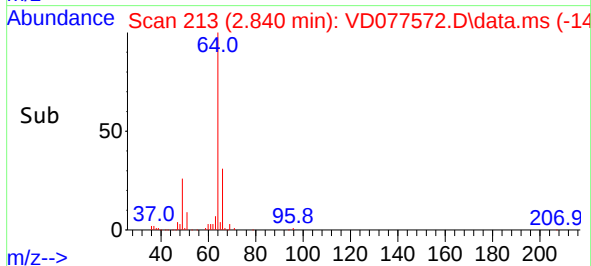
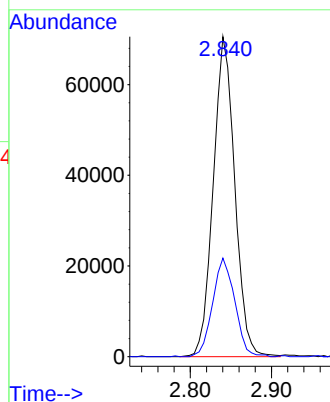
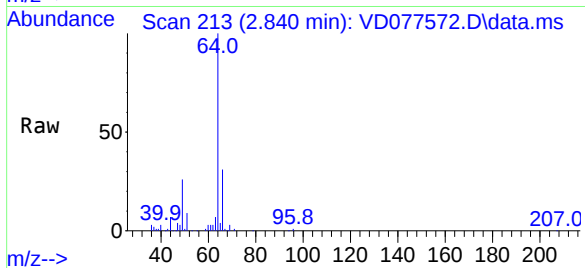




#8
Chloroethane
Concen: 25.867 ug/L
RT: 2.840 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

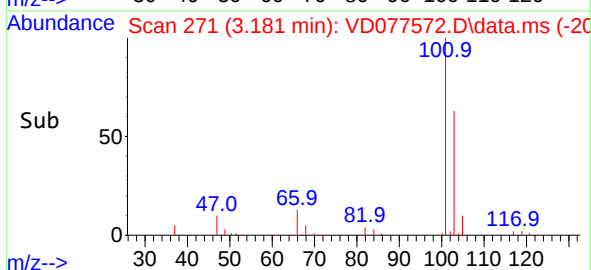
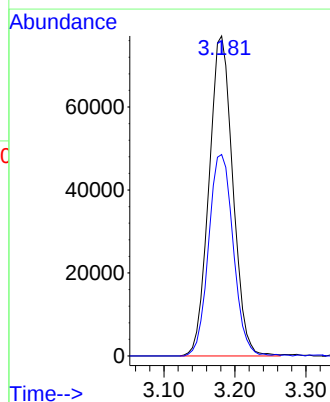
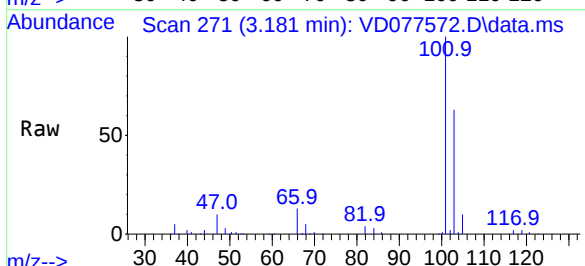
Instrument :
MSVOA_D
ClientSampleId :

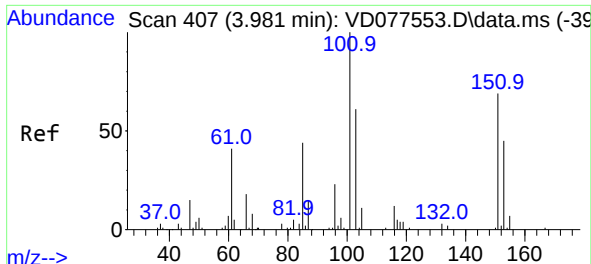
Tgt Ion: 64 Resp: 130041
Ion Ratio Lower Upper
64 100
66 30.8 19.8 36.8



#9
Trichlorofluoromethane
Concen: 24.426 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion:101 Resp: 179758
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.843 ug/L

RT: 3.969 min Scan# 407

Delta R.T. 0.000 min

Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

Instrument :

MSVOA_D

ClientSampleId :

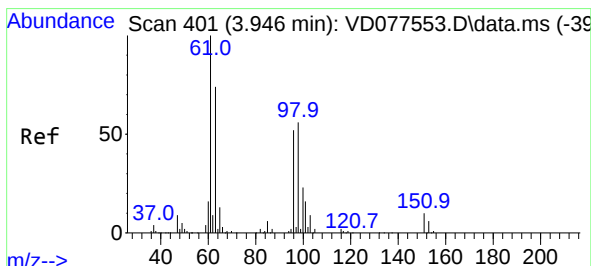
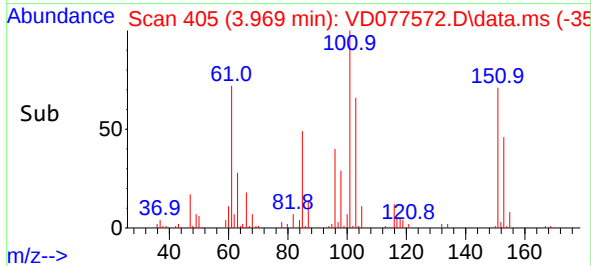
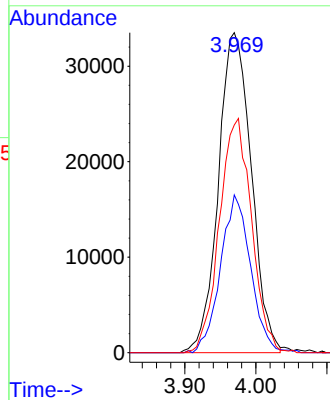
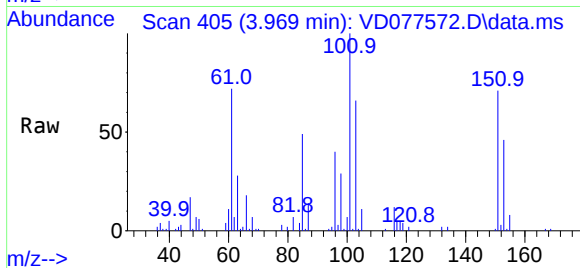
Tgt Ion:101 Resp: 107976

Ion Ratio Lower Upper

101 100

85 45.1 36.8 55.2

151 71.5 56.6 84.8



#12

1,1-Dichloroethene

Concen: 23.786 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

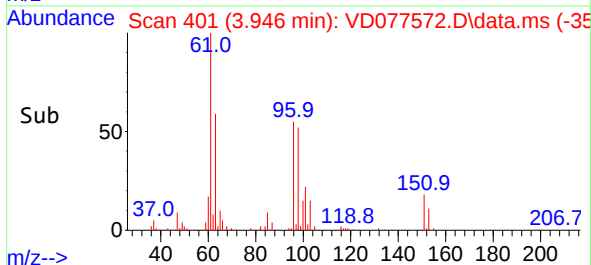
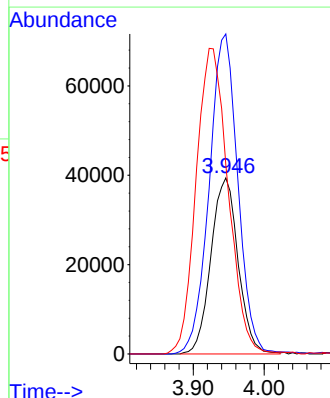
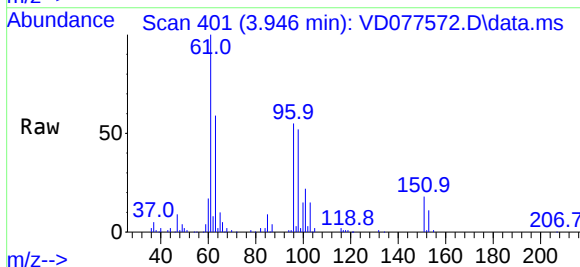
Tgt Ion: 96 Resp: 104595

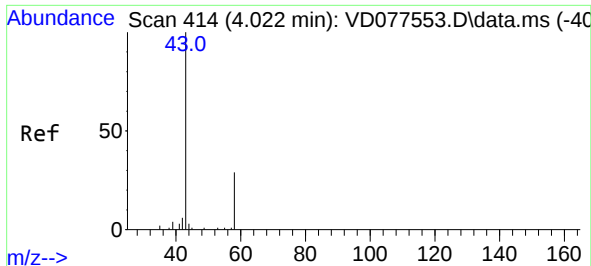
Ion Ratio Lower Upper

96 100

61 181.7 127.5 236.9

63 107.6 86.4 160.4





#13

Acetone

Concen: 46.870 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

Instrument :

MSVOA_D

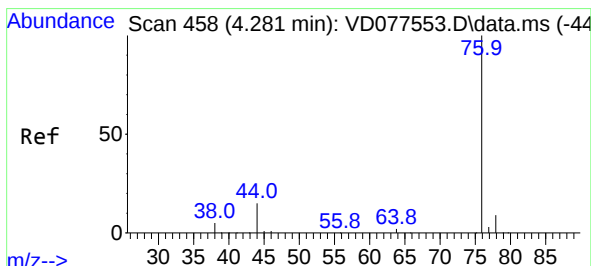
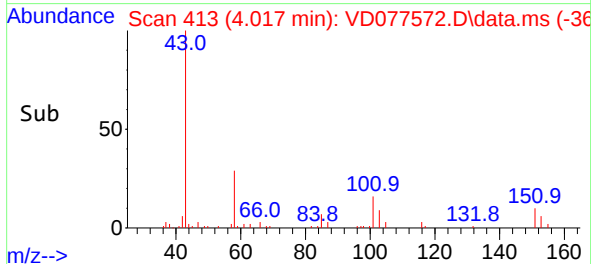
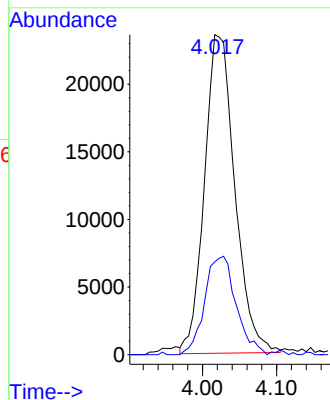
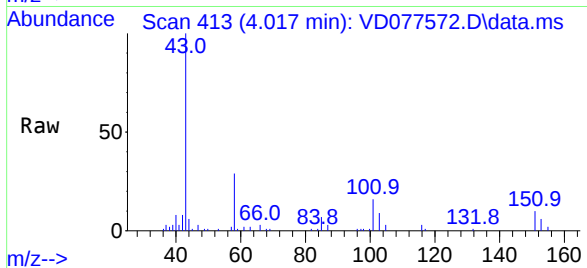
ClientSampleId :

Tgt Ion: 43 Resp: 67095

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.0



#14

Carbon disulfide

Concen: 22.527 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD077572.D

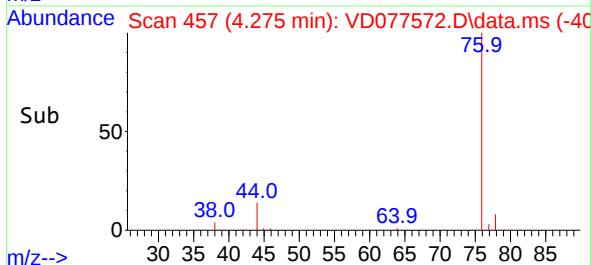
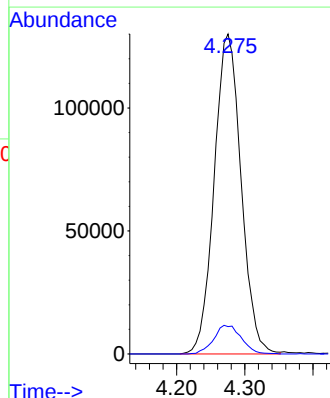
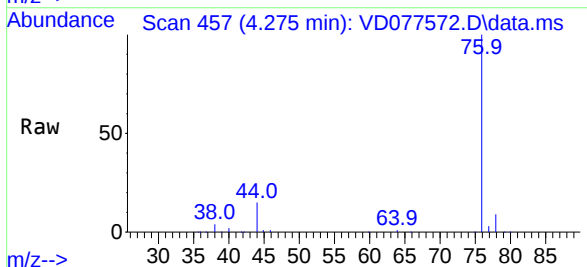
Acq: 14 Nov 2023 19:43

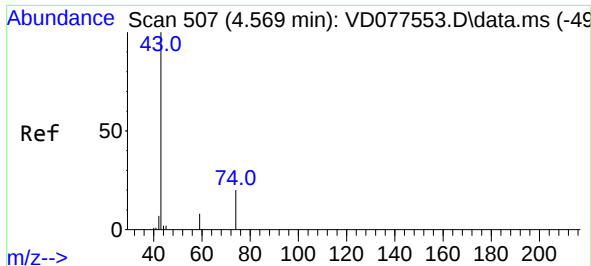
Tgt Ion: 76 Resp: 356681

Ion Ratio Lower Upper

76 100

78 8.6 6.9 10.3

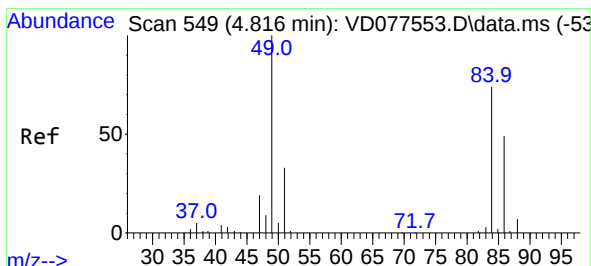
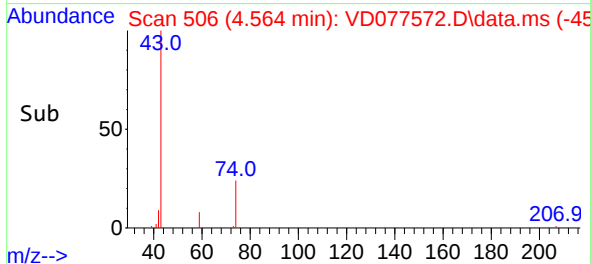
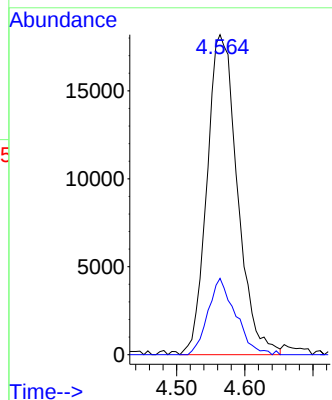
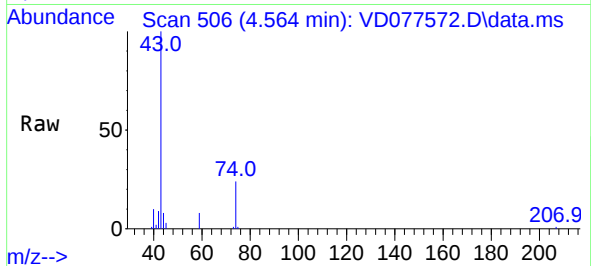




#15
Methyl Acetate
Concen: 23.962 ug/L
RT: 4.564 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

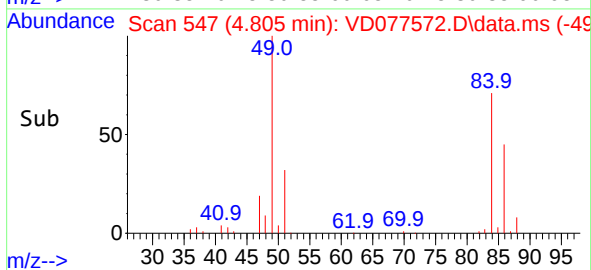
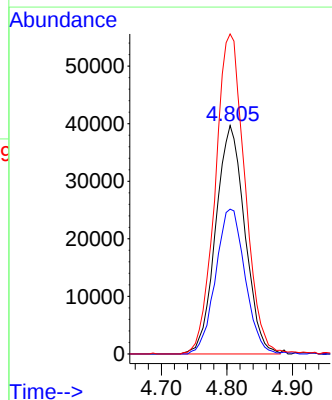
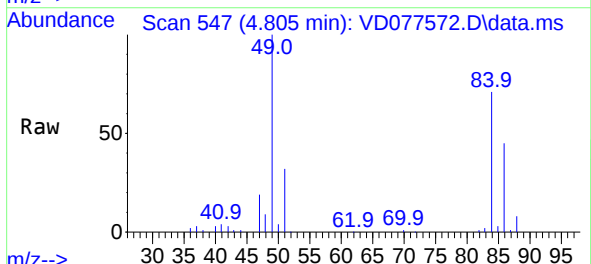
Instrument :
MSVOA_D
ClientSampleId :

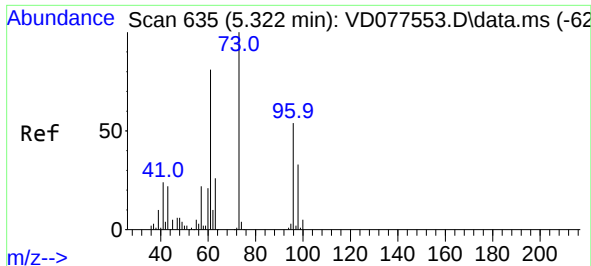
Tgt Ion: 43 Resp: 56431
Ion Ratio Lower Upper
43 100
74 21.3 16.6 24.8



#16
Methylene chloride
Concen: 23.386 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

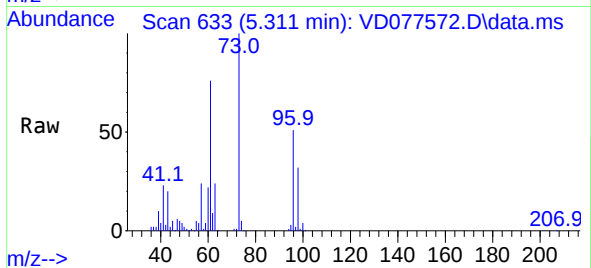
Tgt Ion: 84 Resp: 122094
Ion Ratio Lower Upper
84 100
86 63.3 46.5 86.5
49 140.0 98.3 182.7



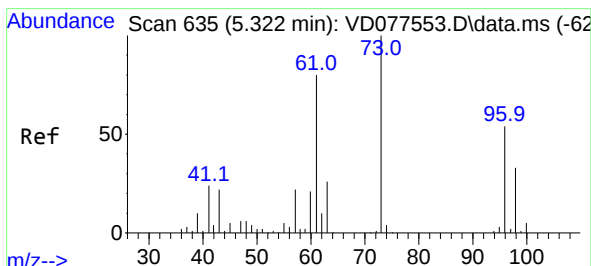
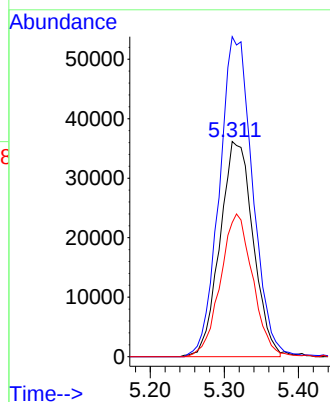
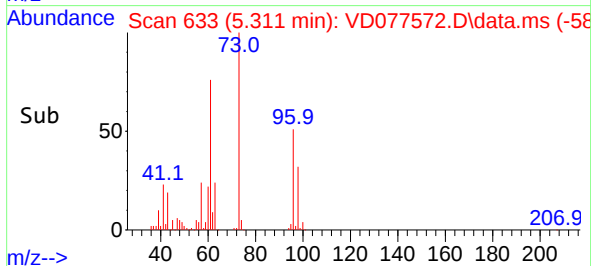


#17
trans-1,2-Dichloroethene
Concen: 24.290 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

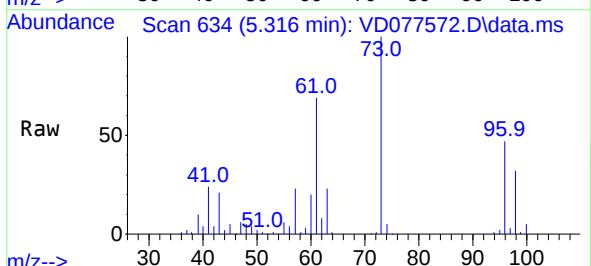
Instrument :
MSVOA_D
ClientSampleId :



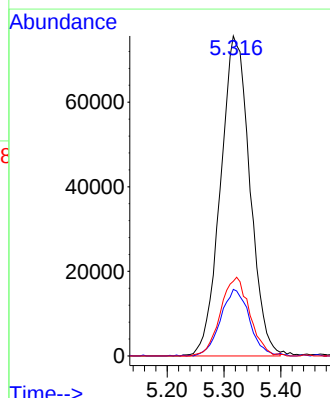
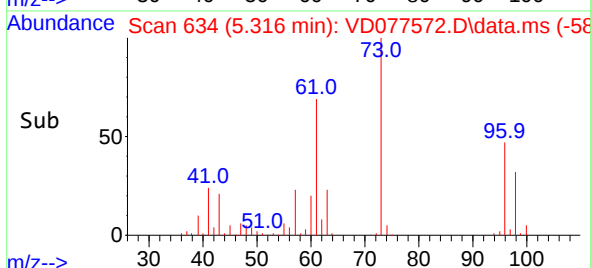
Tgt Ion: 96 Resp: 112354
Ion Ratio Lower Upper
96 100
61 148.7 104.0 193.2
98 62.3 43.1 80.1

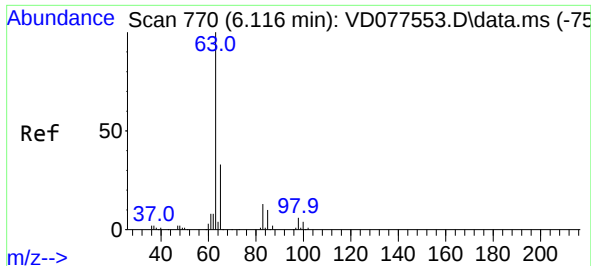


#18
Methyl tert-butyl Ether
Concen: 24.945 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43



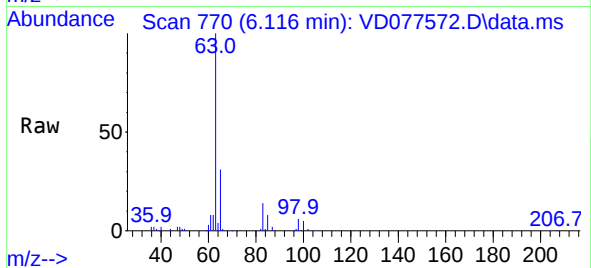
Tgt Ion: 73 Resp: 270814
Ion Ratio Lower Upper
73 100
43 20.5 16.4 24.6
57 24.5 19.3 28.9



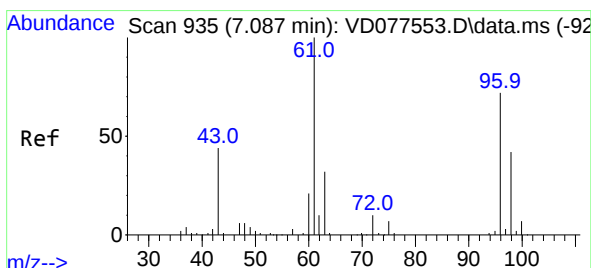
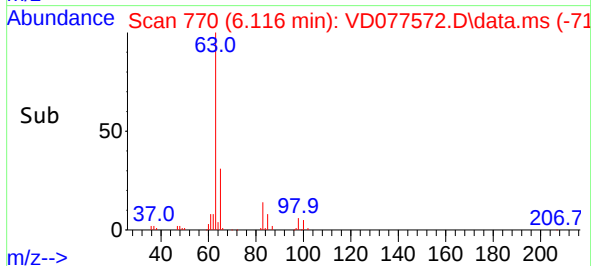
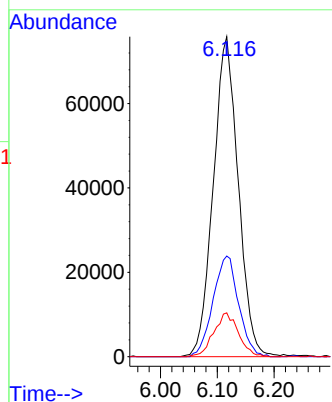


#19
1,1-Dichloroethane
Concen: 24.861 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

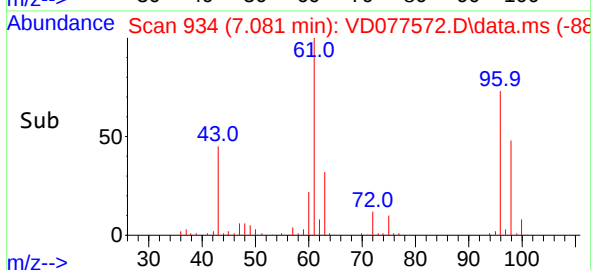
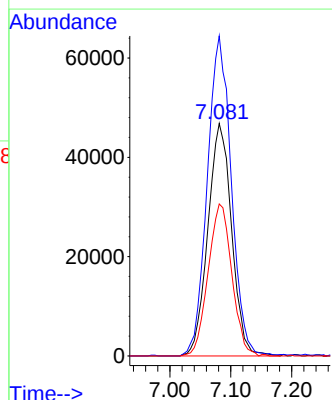
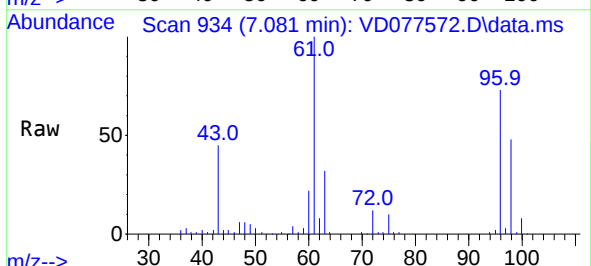


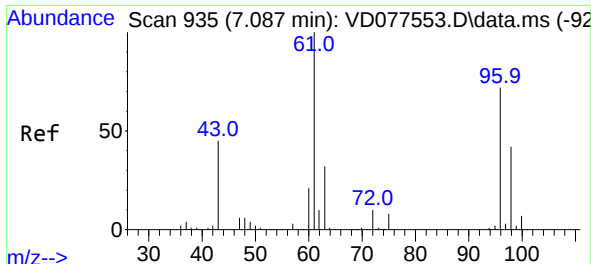
Tgt Ion: 63 Resp: 230721
Ion Ratio Lower Upper
63 100
65 31.5 22.6 42.0
83 13.7 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 25.275 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 96 Resp: 127018
Ion Ratio Lower Upper
96 100
61 137.6 95.0 176.4
98 65.4 43.1 80.1

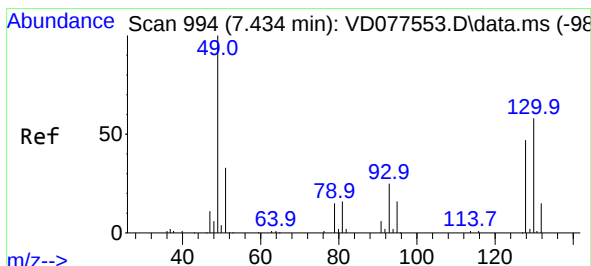
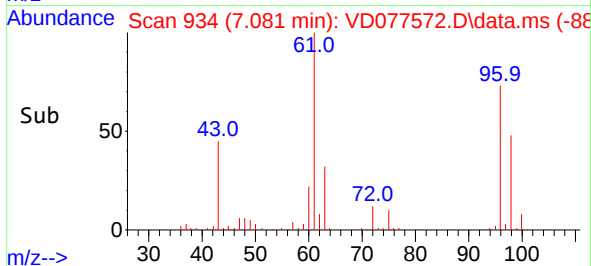
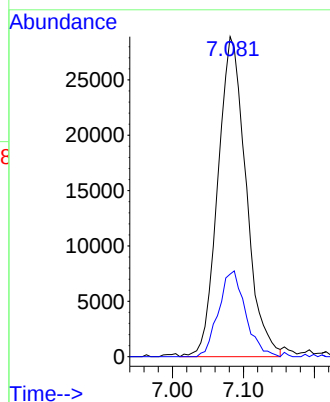
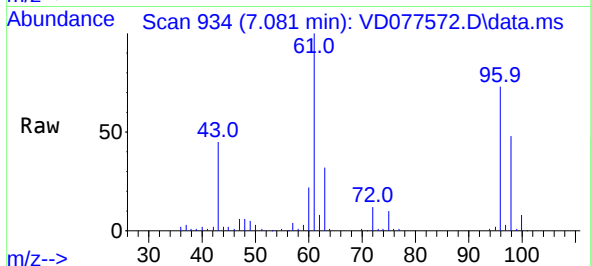




#22
2-Butanone
Concen: 46.228 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

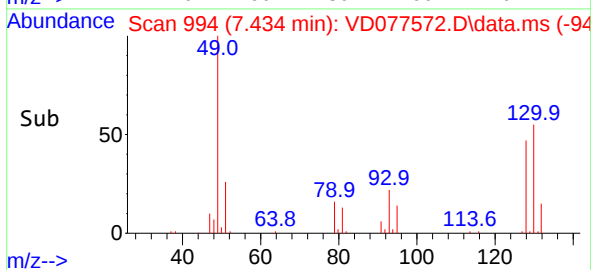
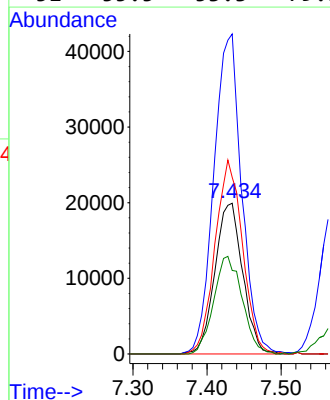
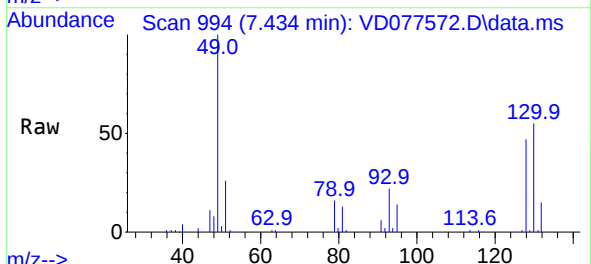
Instrument :
MSVOA_D
ClientSampleId :

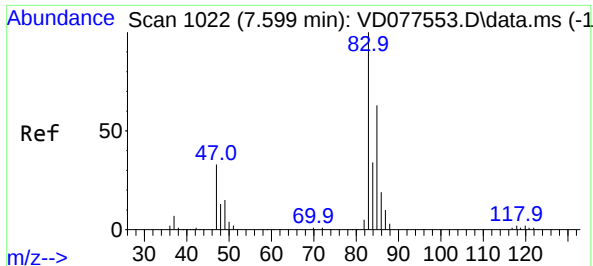
Tgt Ion: 43 Resp: 79625
Ion Ratio Lower Upper
43 100
72 25.5 12.8 38.4



#23
Bromochloromethane
Concen: 25.677 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 128 Resp: 51849
Ion Ratio Lower Upper
128 100
49 212.4 146.7 272.5
130 117.3 83.2 154.6
51 55.5 53.3 79.9





#25

Chloroform

Concen: 25.997 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

Instrument :

MSVOA_D

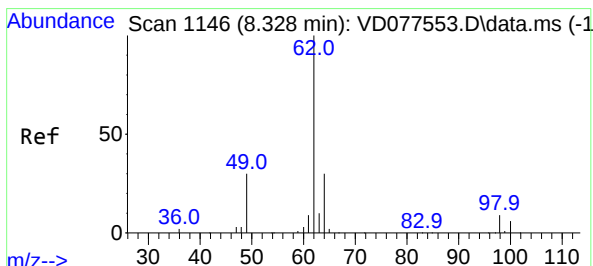
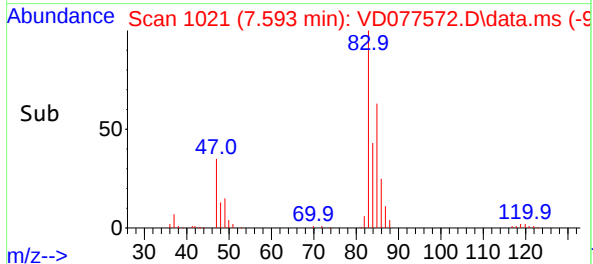
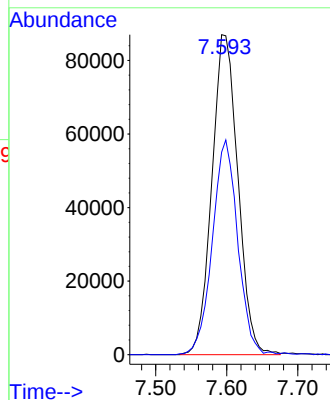
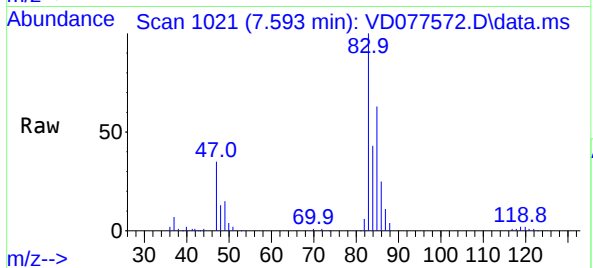
ClientSampleId :

Tgt Ion: 83 Resp: 221640

Ion Ratio Lower Upper

83 100

85 63.3 45.9 85.3



#27

1,2-Dichloroethane

Concen: 25.666 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077572.D

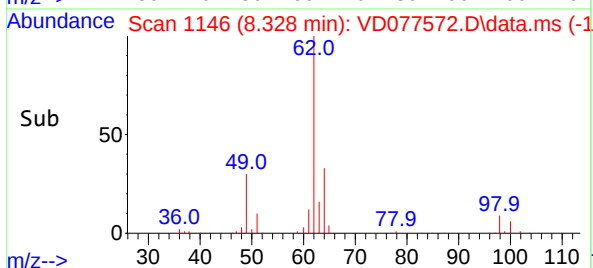
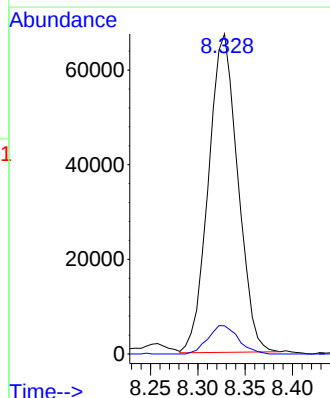
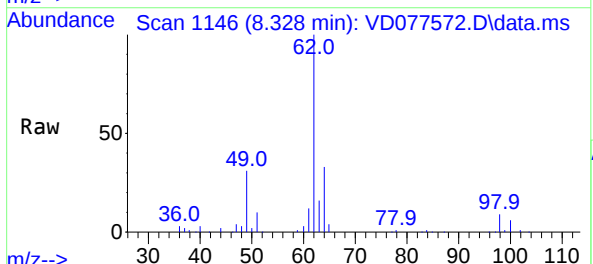
Acq: 14 Nov 2023 19:43

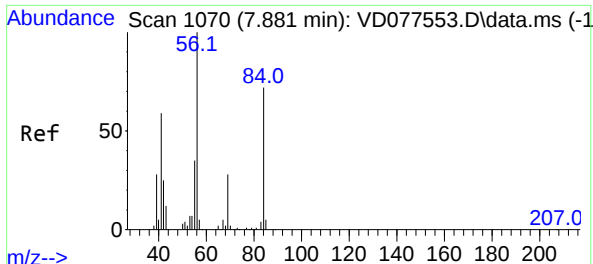
Tgt Ion: 62 Resp: 145056

Ion Ratio Lower Upper

62 100

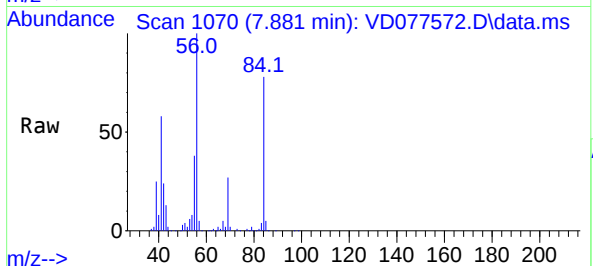
98 8.8 8.0 12.0



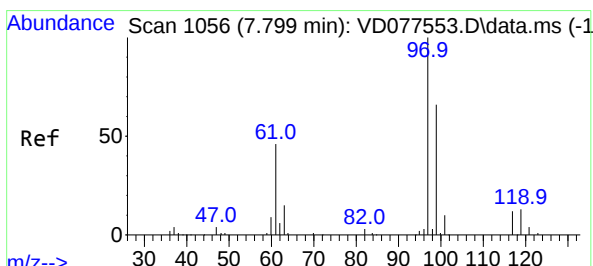
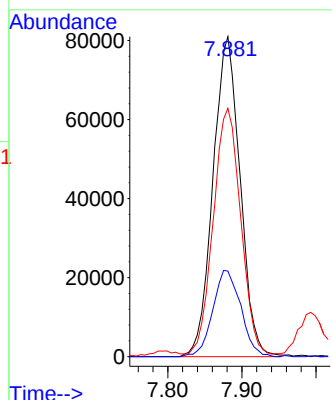
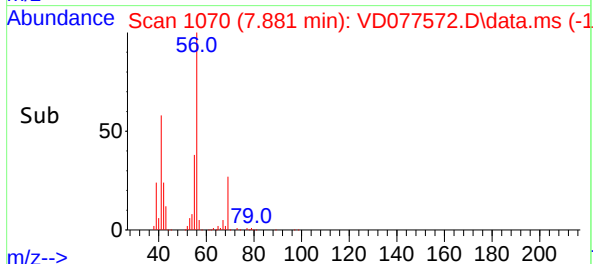


#29
Cyclohexane
Concen: 22.107 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

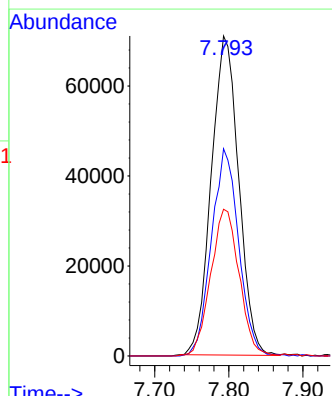
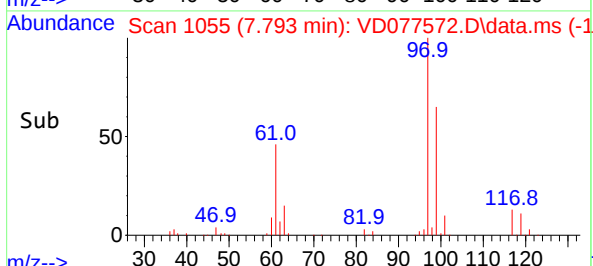
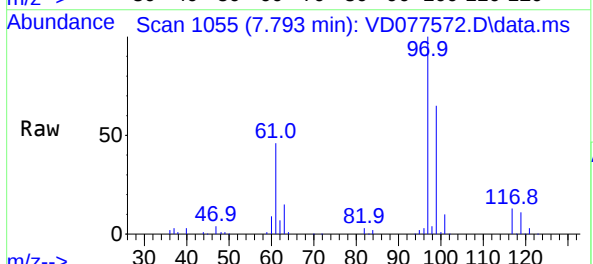


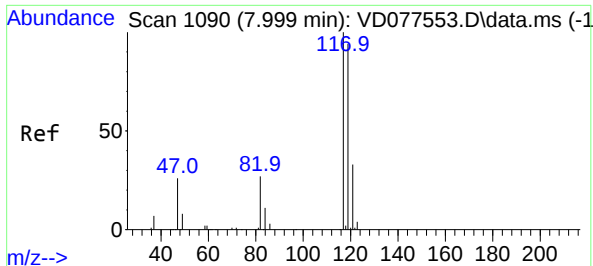
Tgt Ion: 56 Resp: 205888
Ion Ratio Lower Upper
56 100
69 27.8 22.6 33.8
84 78.9 63.3 94.9



#30
1,1,1-Trichloroethane
Concen: 24.247 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 97 Resp: 182071
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 47.8 38.1 57.1

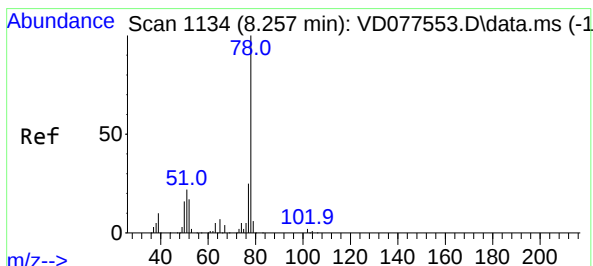
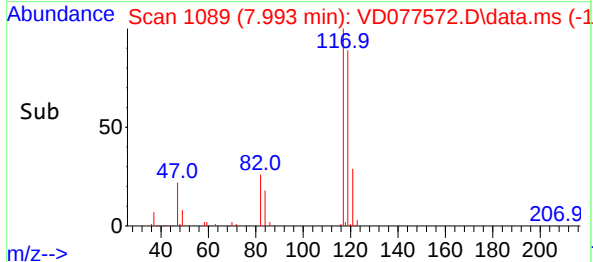
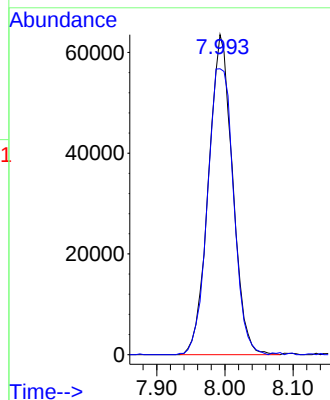
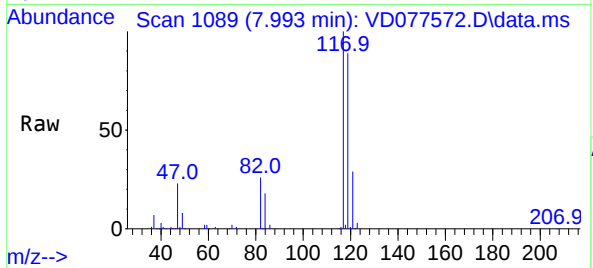




#31
Carbon tetrachloride
Concen: 24.194 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

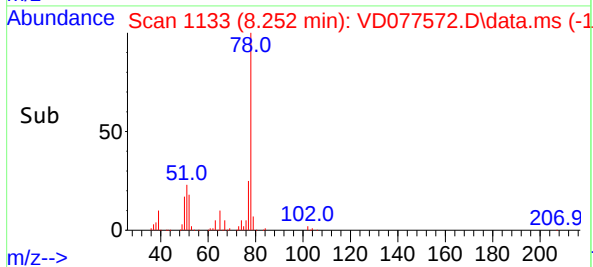
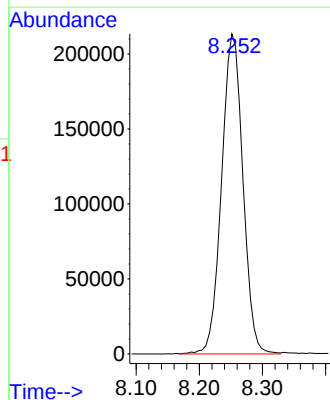
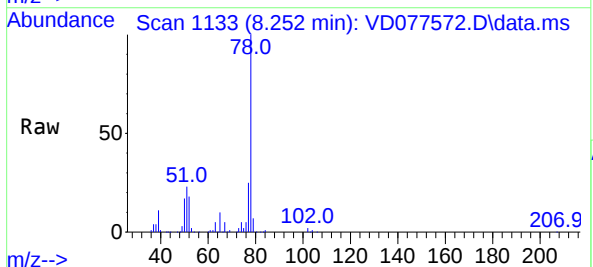
Instrument :
MSVOA_D
ClientSampleId :

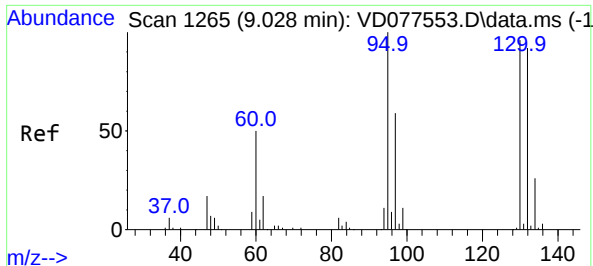
Tgt Ion:117 Resp: 156131
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0



#33
Benzene
Concen: 25.153 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

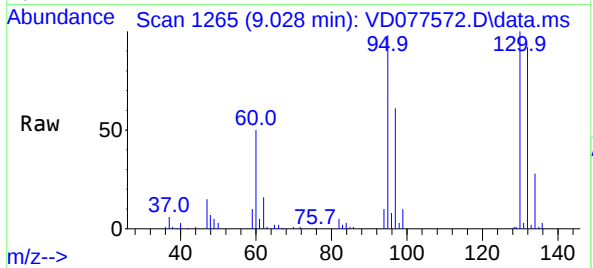
Tgt Ion: 78 Resp: 500321



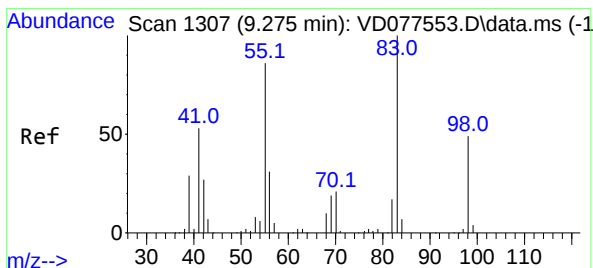
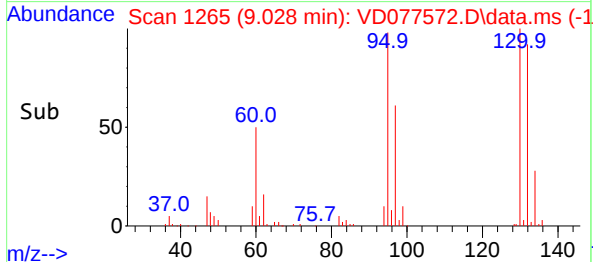
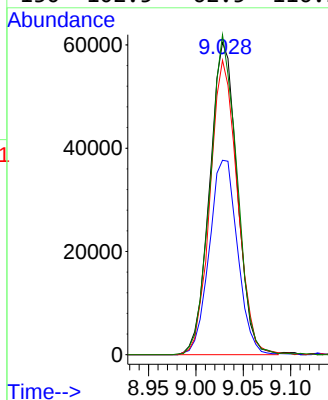


#34
Trichloroethene
Concen: 24.754 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

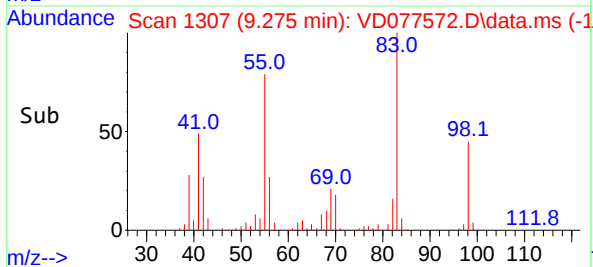
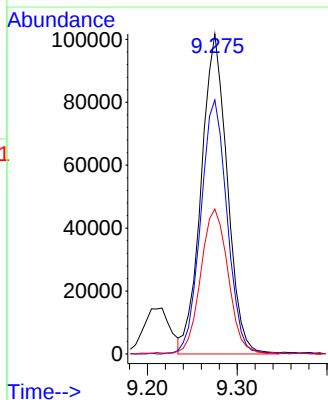
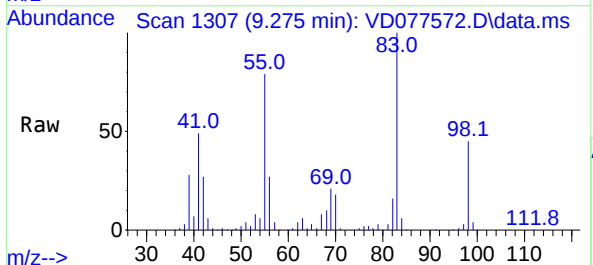


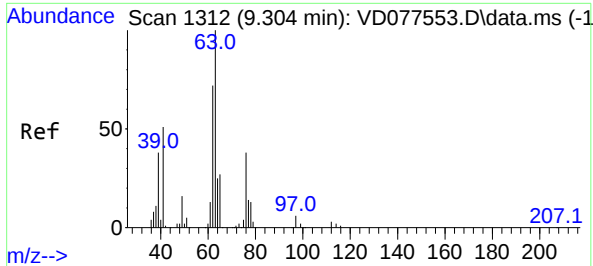
Tgt Ion: 95 Resp: 122007
Ion Ratio Lower Upper
95 100
97 62.3 42.4 78.6
132 94.3 59.4 110.2
130 102.5 62.5 116.1



#35
Methylcyclohexane
Concen: 23.002 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 83 Resp: 204588
Ion Ratio Lower Upper
83 100
55 80.5 66.5 99.7
98 47.7 37.4 56.2

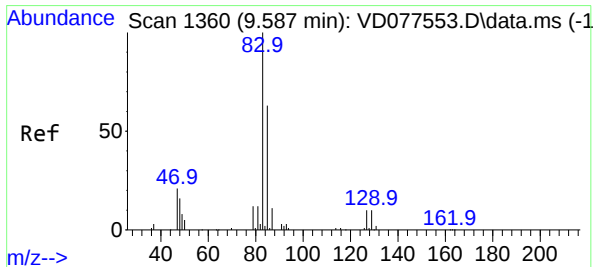
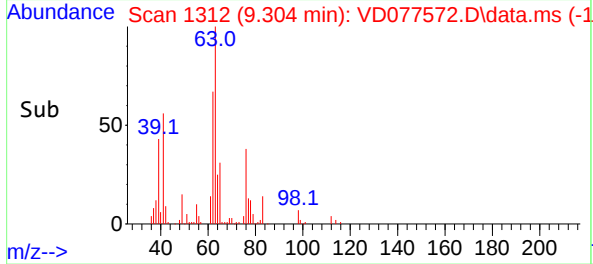
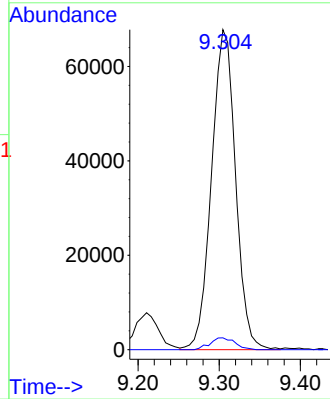
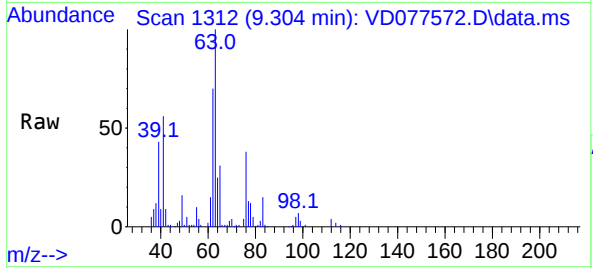




#37
1,2-Dichloropropane
Concen: 25.232 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

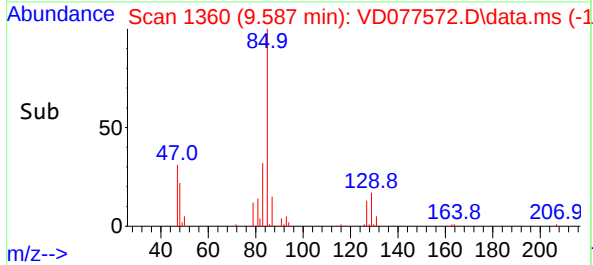
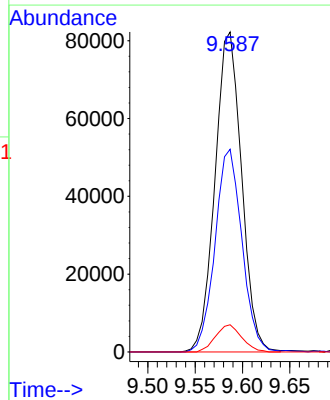
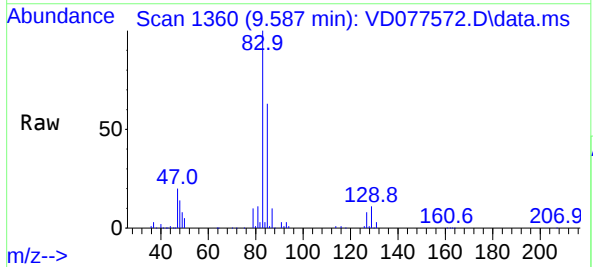
Instrument :
MSVOA_D
ClientSampleId :

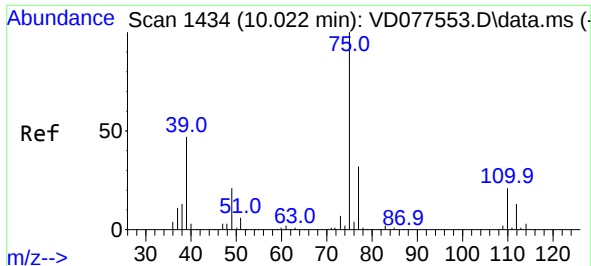
Tgt Ion: 63 Resp: 139529
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8



#38
Bromodichloromethane
Concen: 25.332 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 83 Resp: 160680
Ion Ratio Lower Upper
83 100
85 63.3 42.4 78.8
127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.856 ug/L

RT: 10.016 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

Instrument :

MSVOA_D

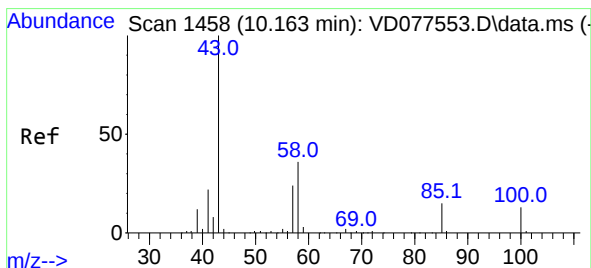
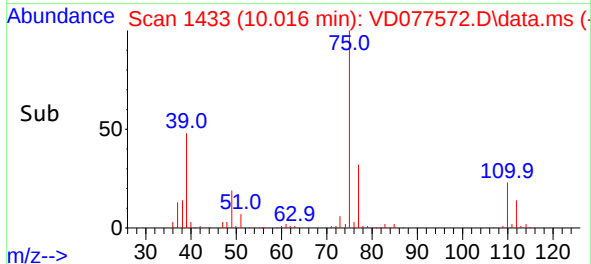
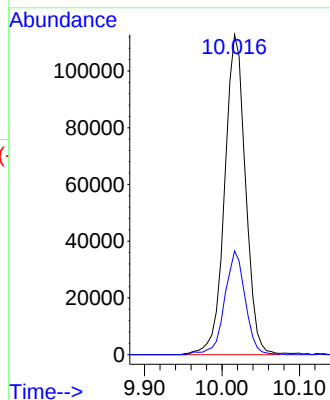
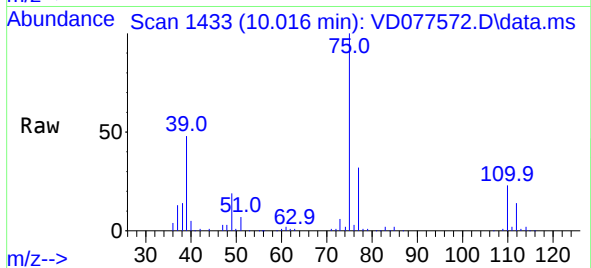
ClientSampleId :

Tgt Ion: 75 Resp: 211212

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 47.070 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

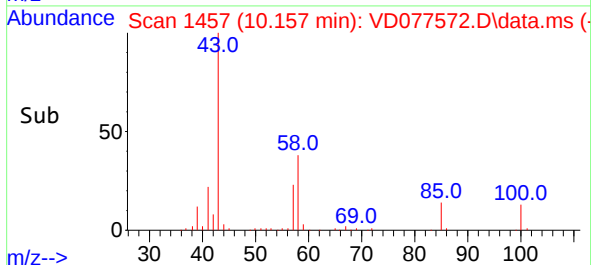
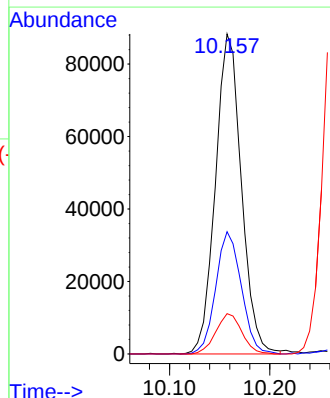
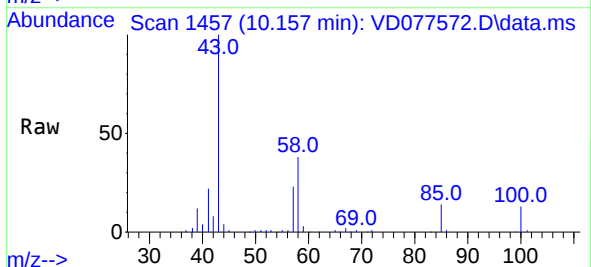
Tgt Ion: 43 Resp: 158617

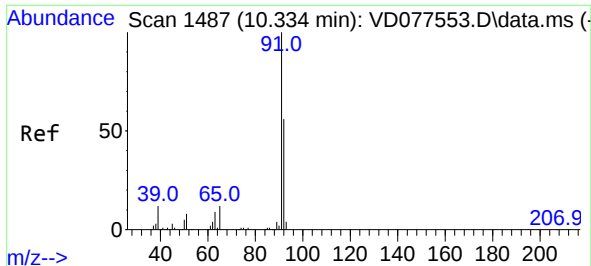
Ion Ratio Lower Upper

43 100

58 37.7 29.8 44.8

100 12.6 9.5 14.3

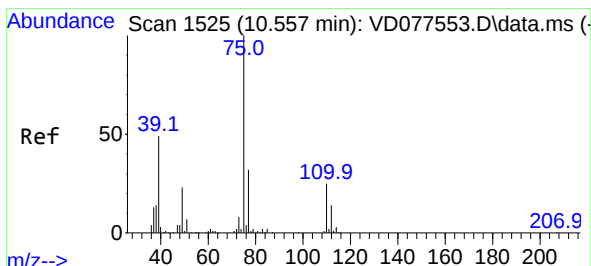
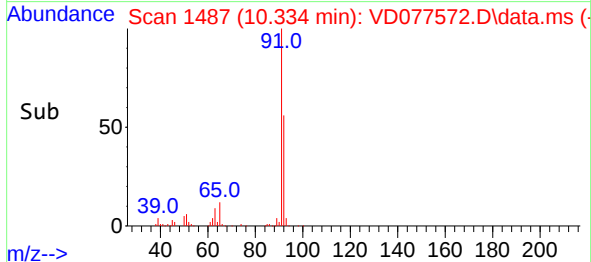
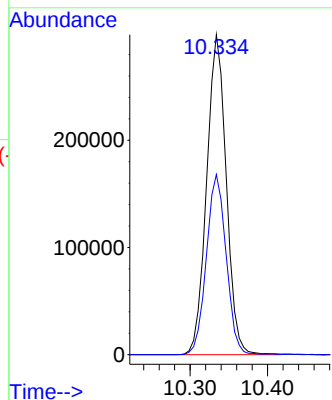
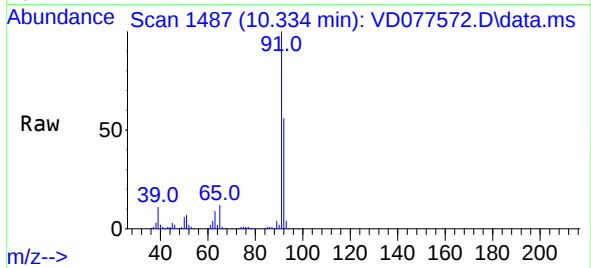




#42
Toluene
Concen: 25.138 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

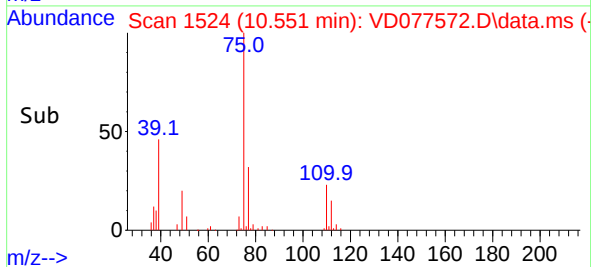
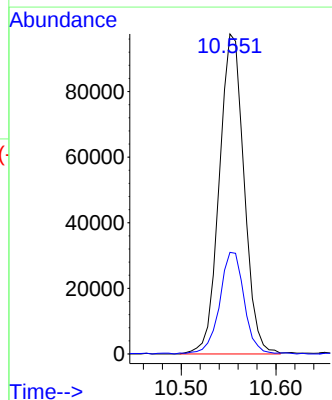
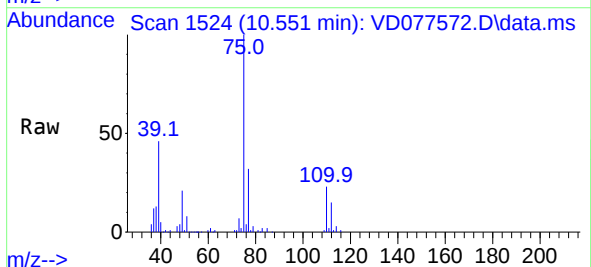
Instrument :
MSVOA_D
ClientSampleId :

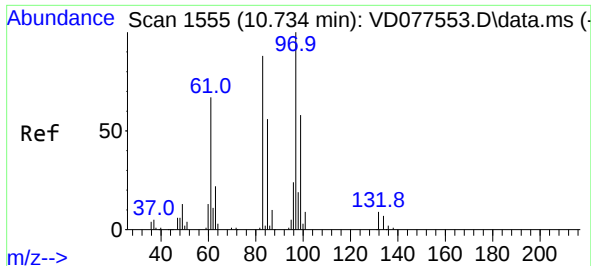
Tgt Ion: 91 Resp: 524978
Ion Ratio Lower Upper
91 100
92 56.3 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 25.224 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 75 Resp: 177104
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.5

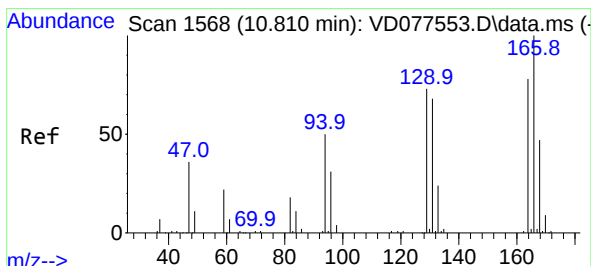
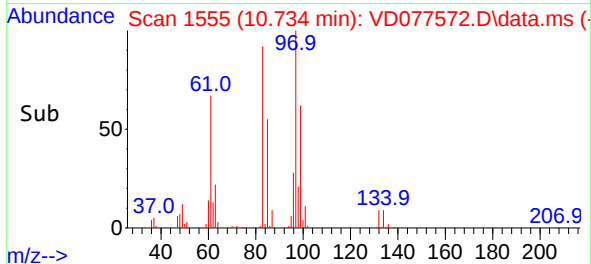
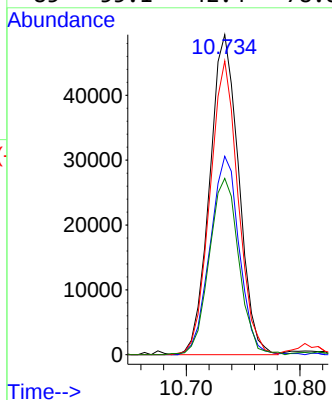
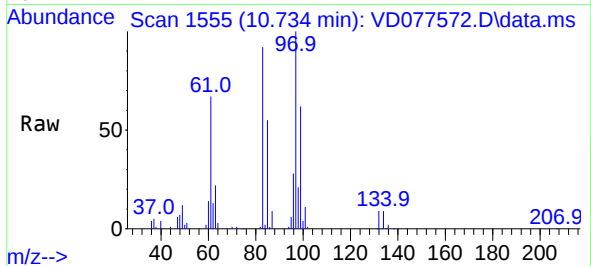




#45
1,1,2-Trichloroethane
Concen: 25.940 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

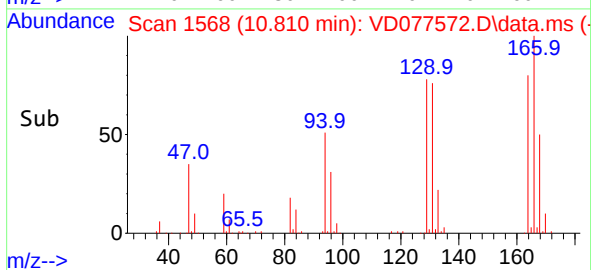
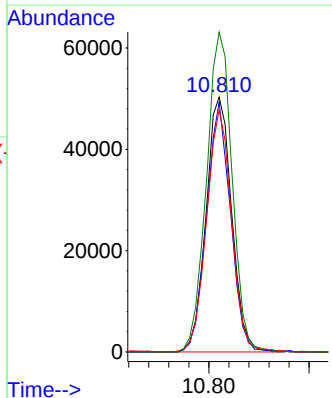
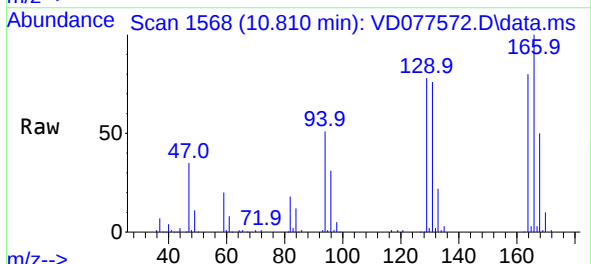
Instrument :
MSVOA_D
ClientSampleId :

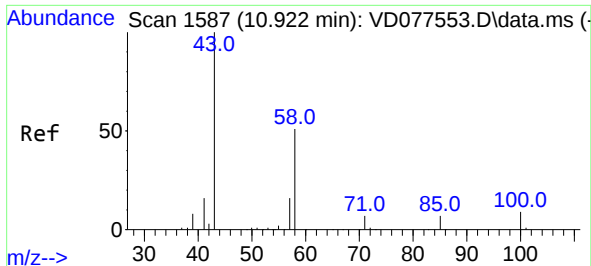
Tgt Ion: 97	Resp: 87681
Ion Ratio	Lower Upper
97 100	
99 62.0	43.5 80.7
83 91.8	63.1 117.3
85 55.1	42.4 78.8



#46
Tetrachloroethene
Concen: 24.588 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

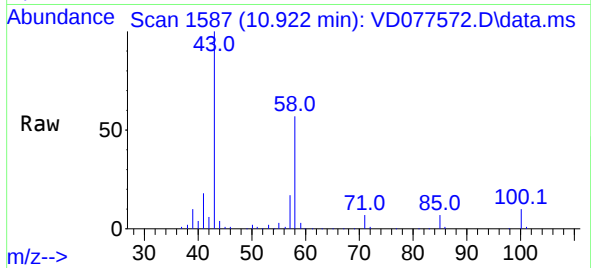
Tgt Ion: 164	Resp: 89172
Ion Ratio	Lower Upper
164 100	
129 98.0	60.6 112.6
131 95.0	61.6 114.4
166 125.5	85.4 158.6



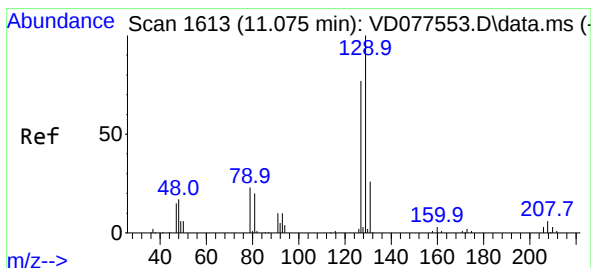
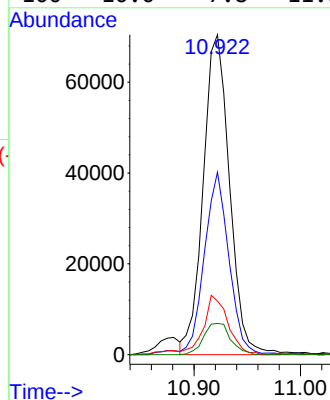
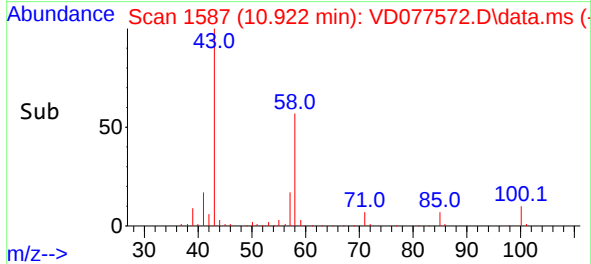


#48
2-Hexanone
Concen: 45.414 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

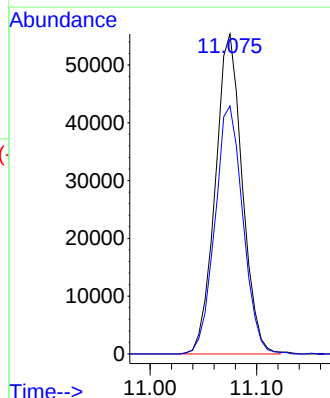
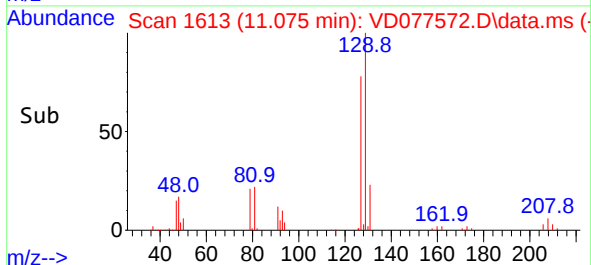
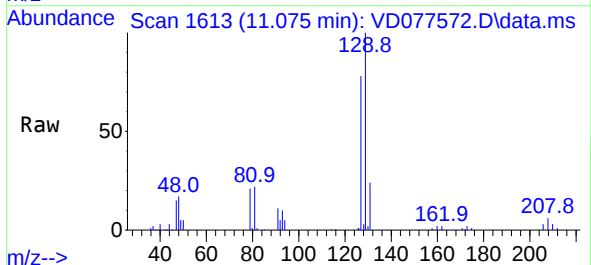


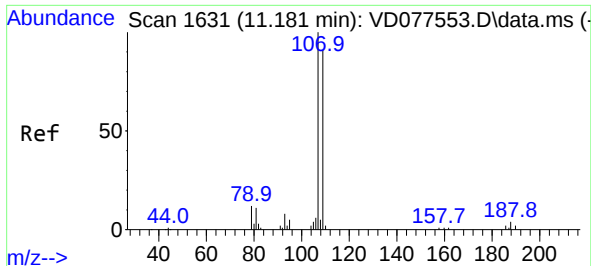
Tgt Ion: 43 Resp: 121304
Ion Ratio Lower Upper
43 100
58 52.8 40.8 61.2
57 17.1 13.7 20.5
100 10.0 7.8 11.8



#49
Dibromochloromethane
Concen: 25.350 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

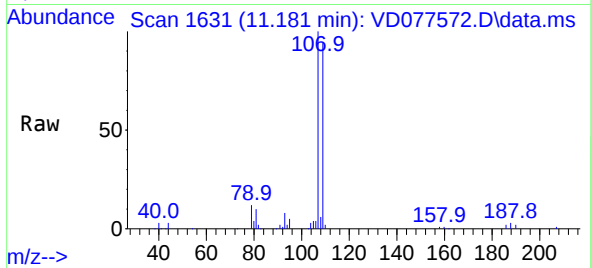
Tgt Ion:129 Resp: 97333
Ion Ratio Lower Upper
129 100
127 77.5 54.9 102.1



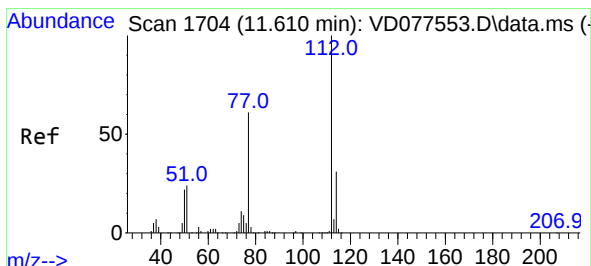
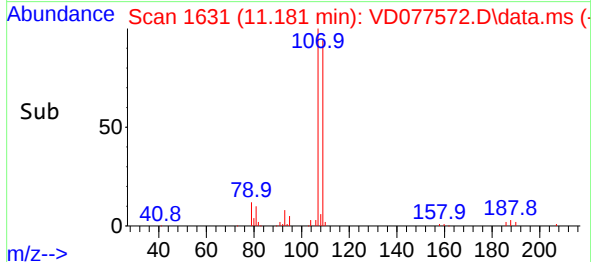
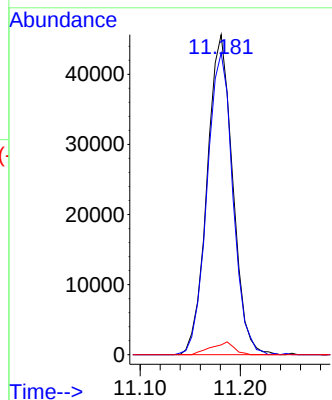


#50
1,2-Dibromoethane
Concen: 25.029 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

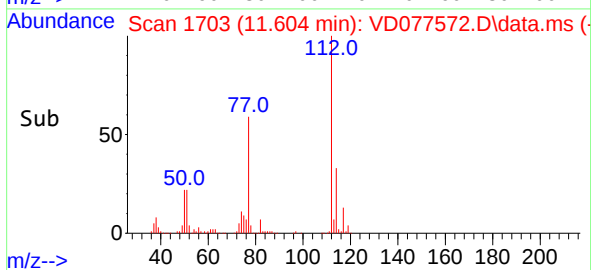
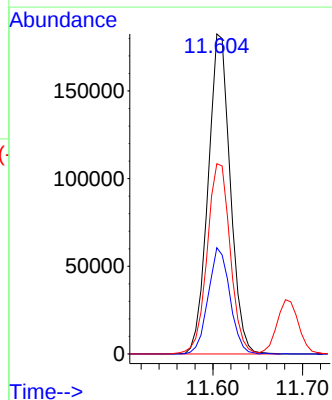
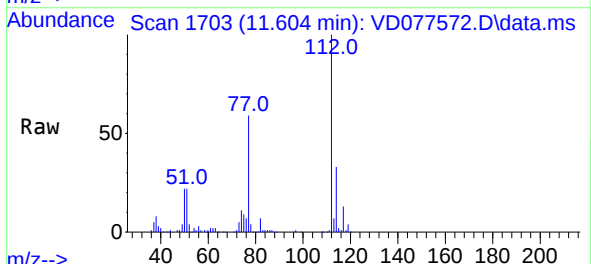


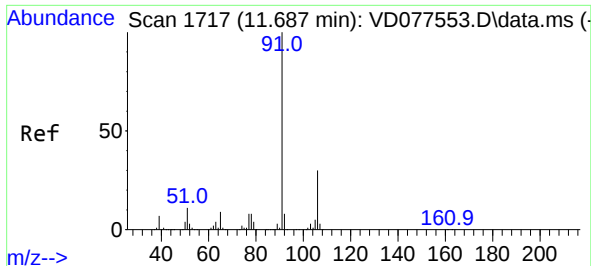
Tgt Ion:107 Resp: 80905
Ion Ratio Lower Upper
107 100
109 94.3 64.8 120.3
188 3.1 3.2 4.8#



#51
Chlorobenzene
Concen: 25.592 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion:112 Resp: 313113
Ion Ratio Lower Upper
112 100
114 33.2 22.4 41.6
77 59.5 49.6 74.4

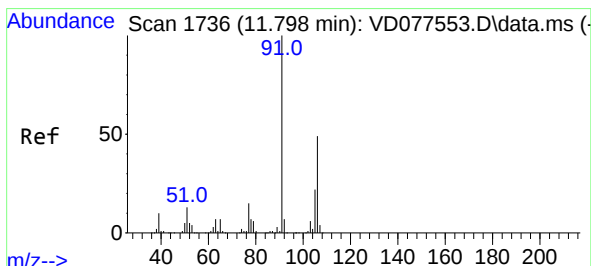
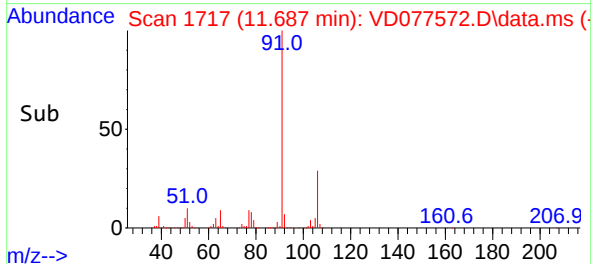
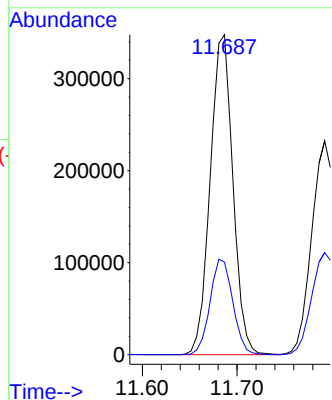
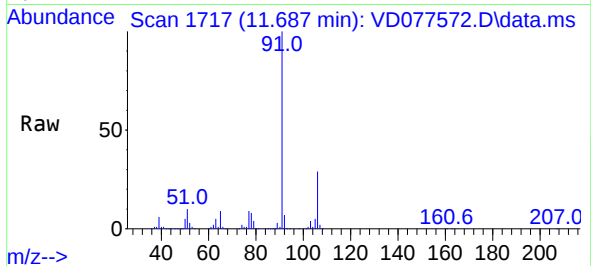




#52
Ethylbenzene
Concen: 25.246 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

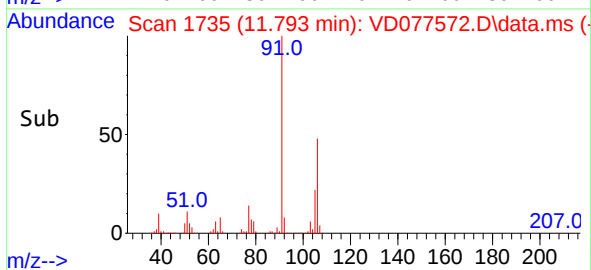
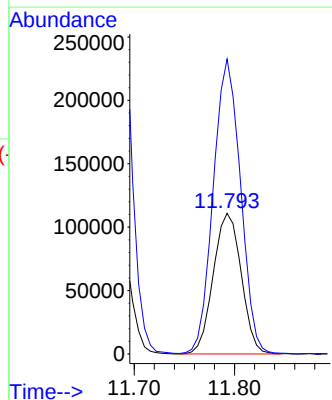
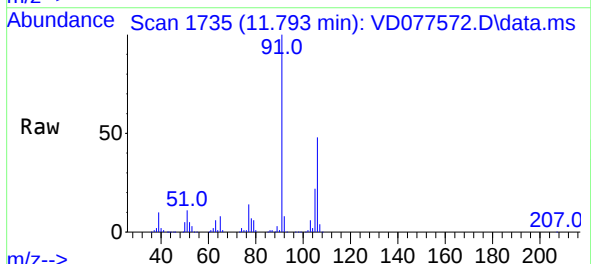
Instrument :
MSVOA_D
ClientSampleId :

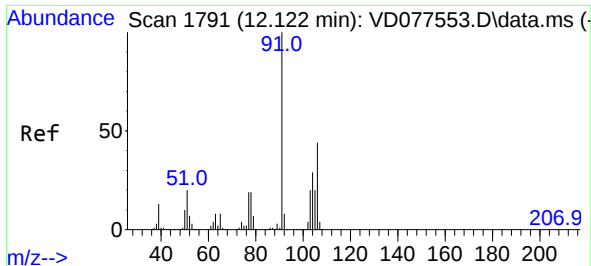
Tgt Ion: 91 Resp: 580122
Ion Ratio Lower Upper
91 100
106 28.9 22.0 40.8



#53
m,p-Xylene
Concen: 25.681 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 106 Resp: 214742
Ion Ratio Lower Upper
106 100
91 209.6 146.7 272.4

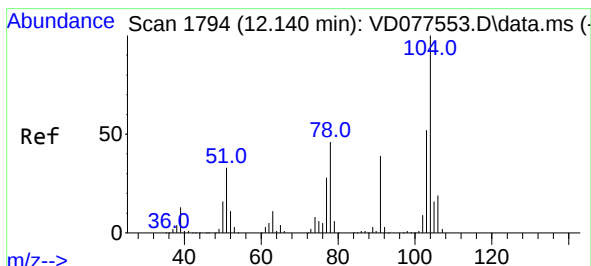
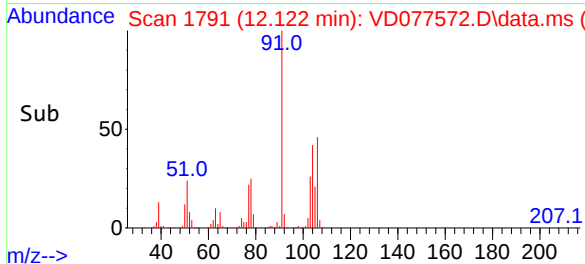
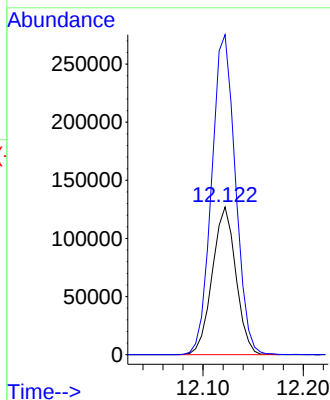
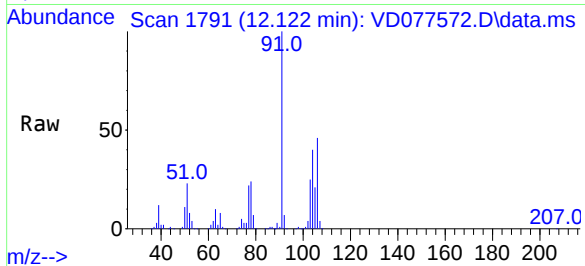




#54
o-Xylene
Concen: 25.926 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

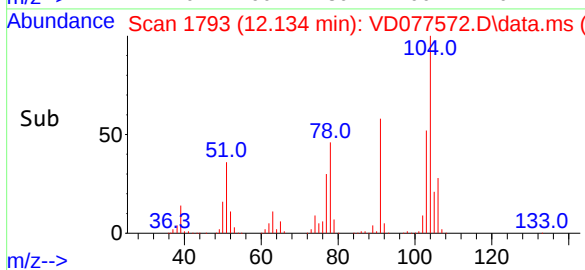
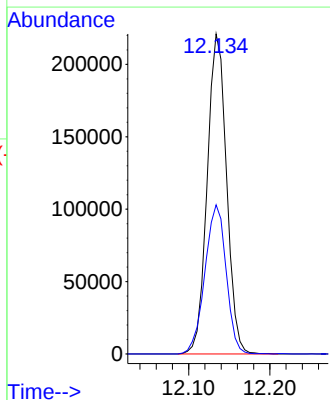
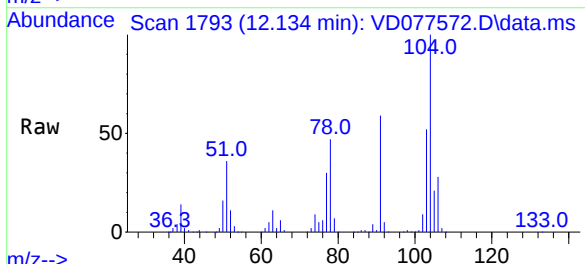
Instrument :
MSVOA_D
ClientSampleId :

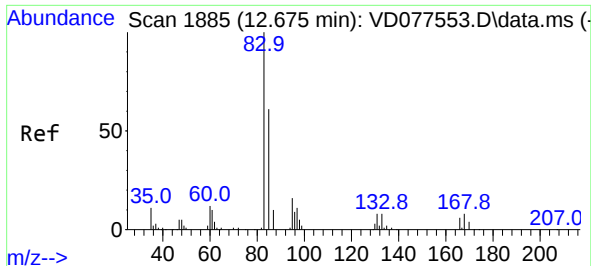
Tgt Ion:106 Resp: 207630
Ion Ratio Lower Upper
106 100
91 216.7 158.5 294.4



#55
Styrene
Concen: 26.133 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion:104 Resp: 365427
Ion Ratio Lower Upper
104 100
78 46.6 34.9 64.9

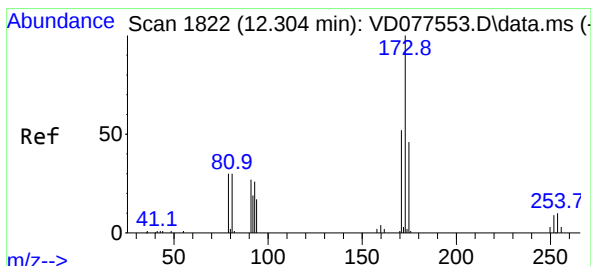
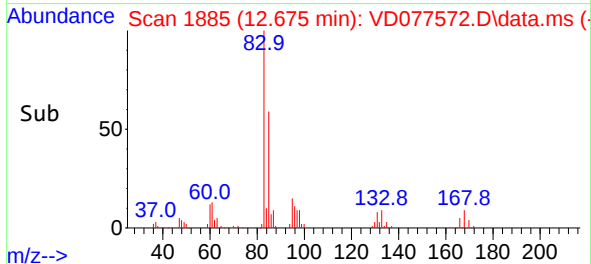
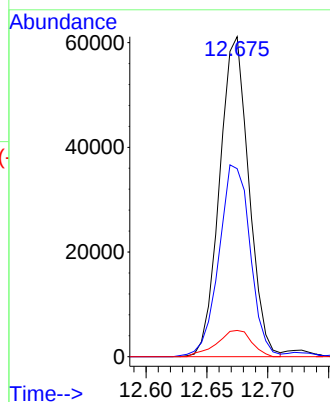
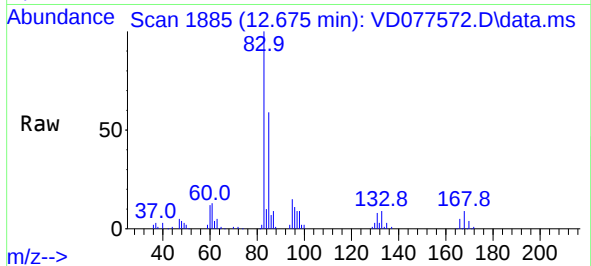




#57
1,1,2,2-Tetrachloroethane
Concen: 25.655 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

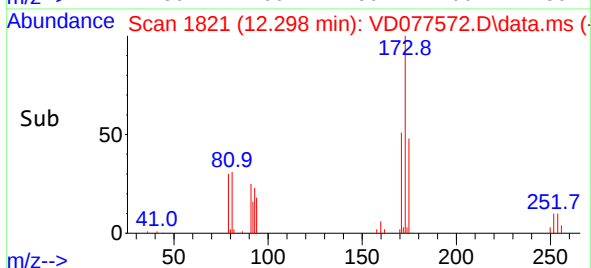
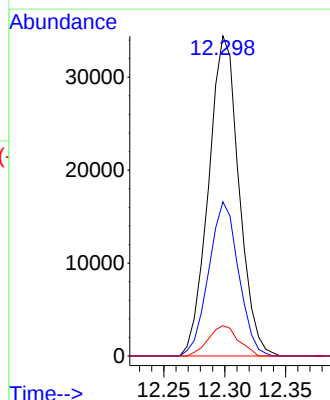
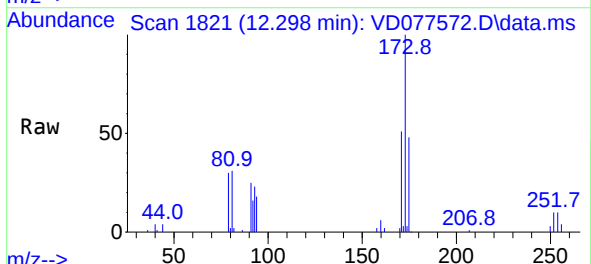
Instrument :
MSVOA_D
ClientSampleId :

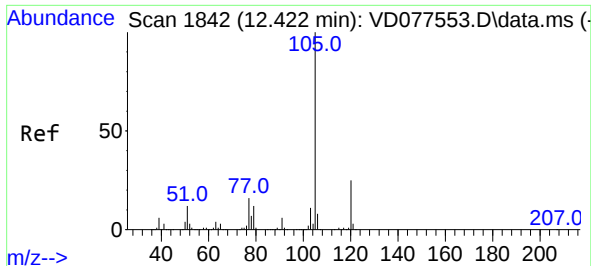
Tgt Ion: 83 Resp: 102157
Ion Ratio Lower Upper
83 100
85 58.8 44.9 83.3
131 8.2 7.2 10.8



#59
Bromoform
Concen: 24.287 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

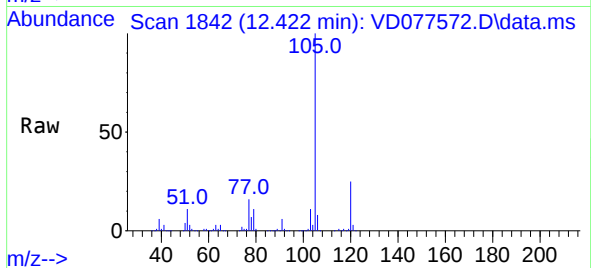
Tgt Ion:173 Resp: 59796
Ion Ratio Lower Upper
173 100
175 47.3 38.2 57.2
254 9.3 7.1 10.7



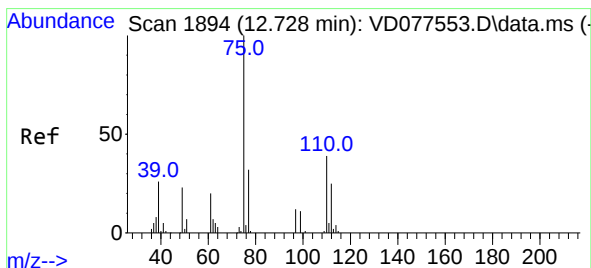
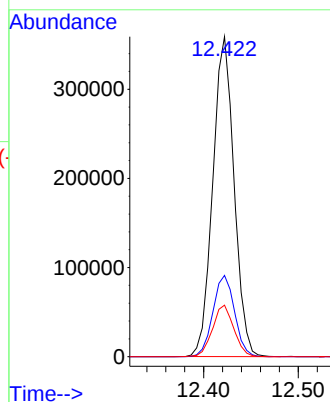
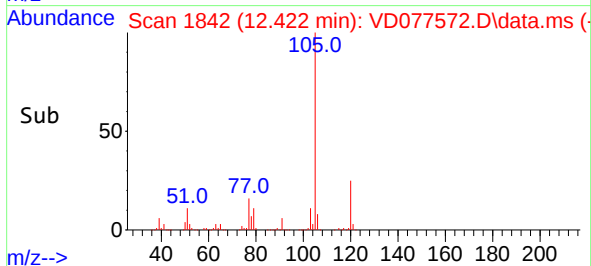


#60
Isopropylbenzene
Concen: 23.958 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

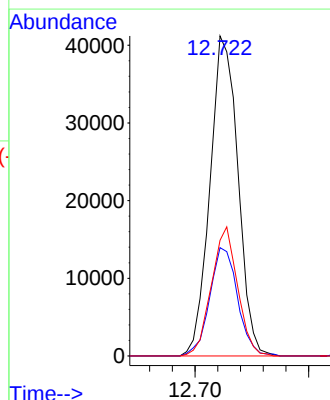
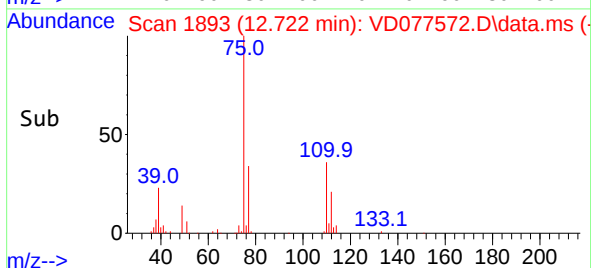
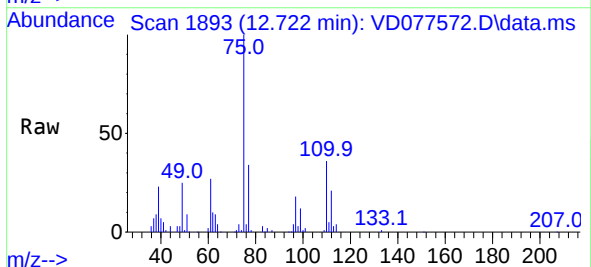


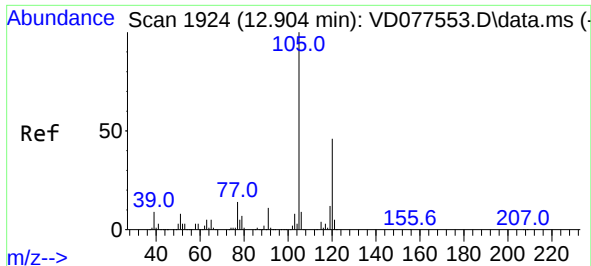
Tgt Ion:105 Resp: 559616
Ion Ratio Lower Upper
105 100
120 25.8 21.0 31.4
77 16.2 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 22.944 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion: 75 Resp: 70576
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4
110 37.7 29.6 44.4

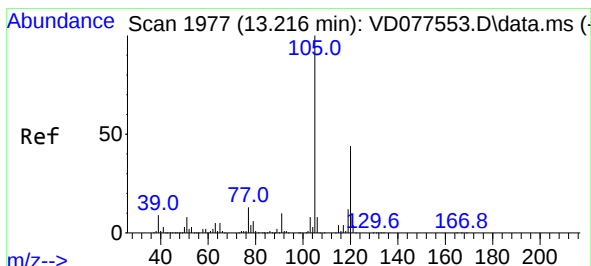
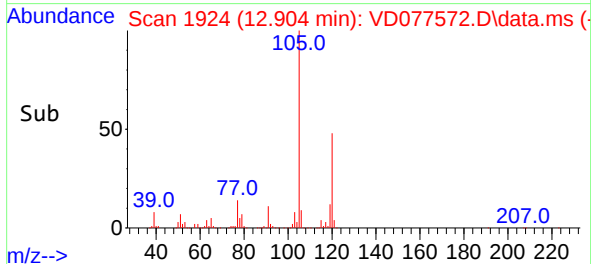
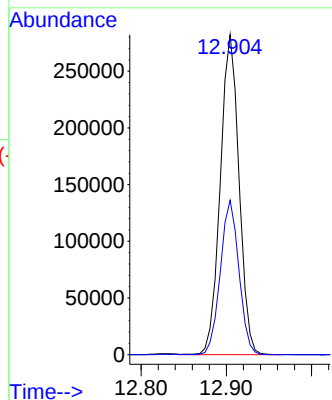
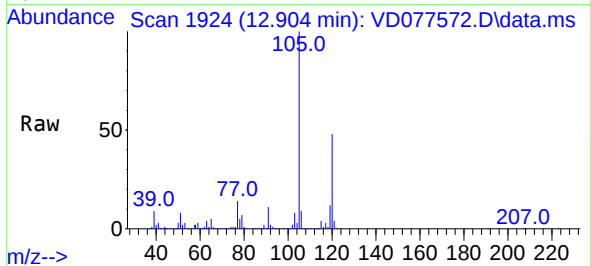




#62
1,3,5-Trimethylbenzene
Concen: 24.326 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

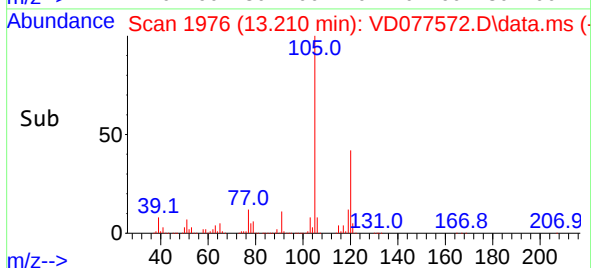
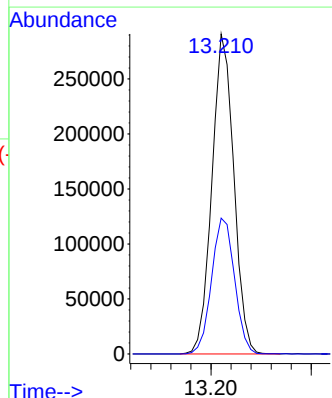
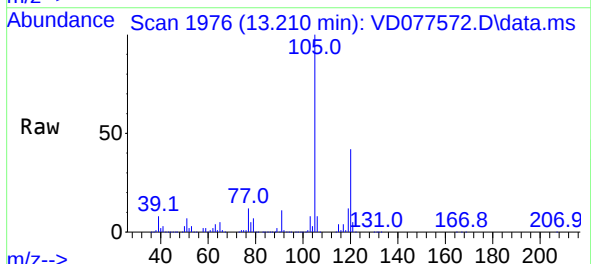
Instrument :
MSVOA_D
ClientSampleId :

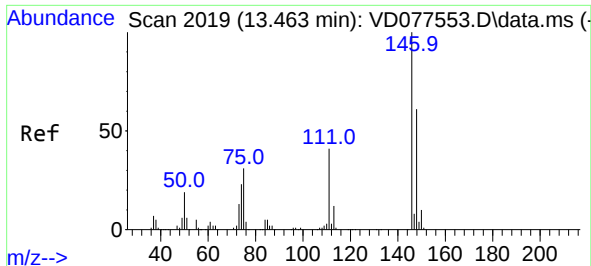
Tgt Ion:105 Resp: 431243
Ion Ratio Lower Upper
105 100
120 47.7 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 24.558 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

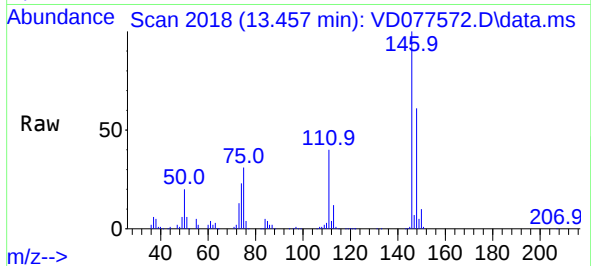
Tgt Ion:105 Resp: 441011
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4



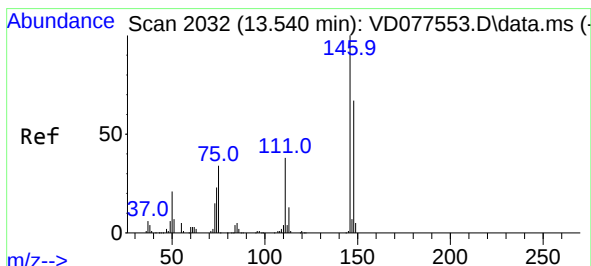
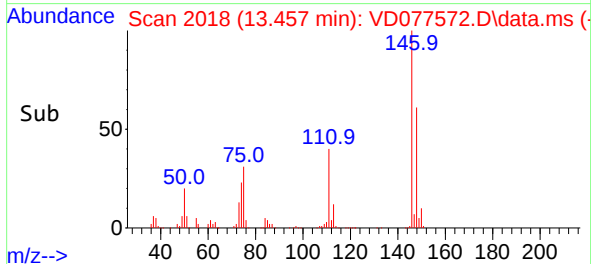
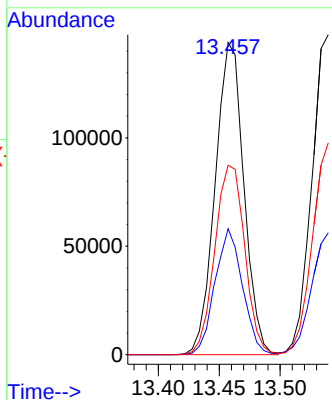


#64
1,3-Dichlorobenzene
Concen: 24.645 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

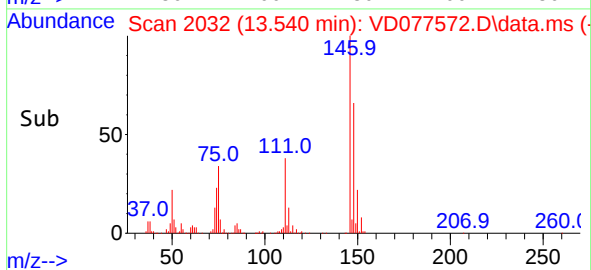
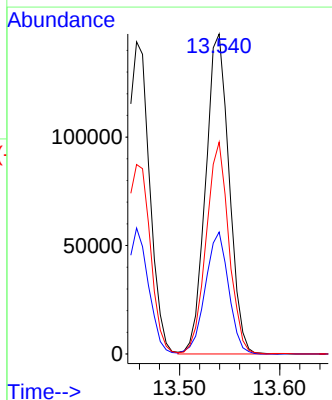
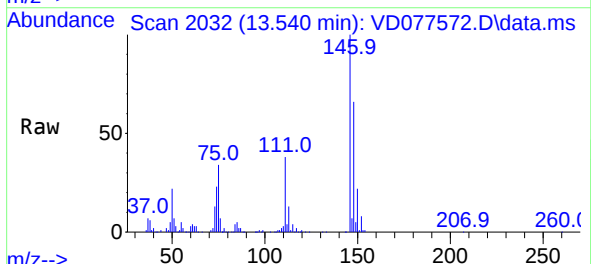


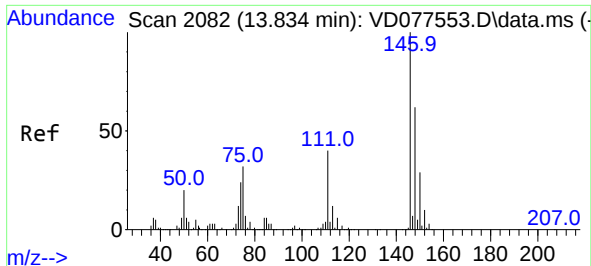
Tgt Ion:146 Resp: 236166
Ion Ratio Lower Upper
146 100
111 40.3 27.2 50.6
148 60.7 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.869 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

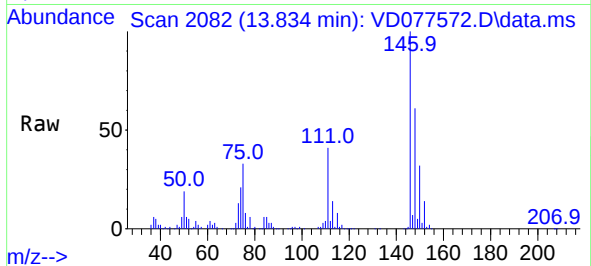
Tgt Ion:146 Resp: 240511
Ion Ratio Lower Upper
146 100
111 38.1 25.6 47.4
148 66.2 44.1 81.9



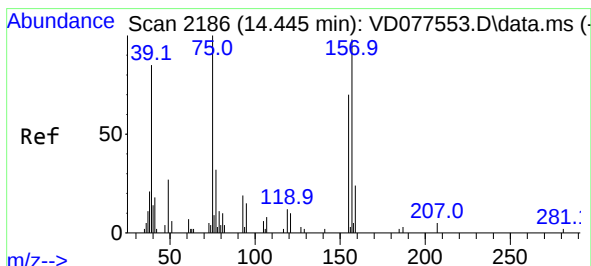
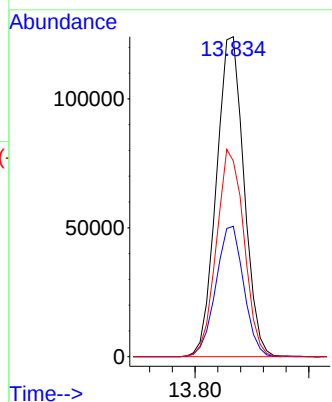
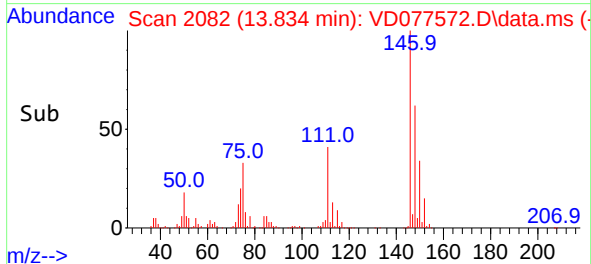


#67
1,2-Dichlorobenzene
Concen: 24.729 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

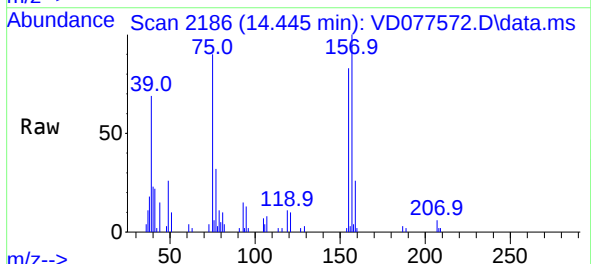
Instrument :
MSVOA_D
ClientSampleId :



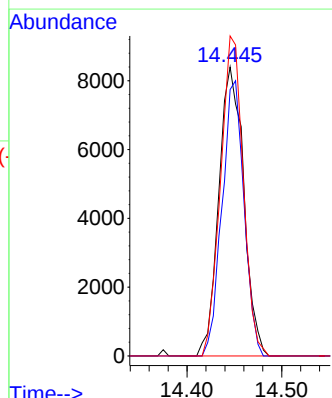
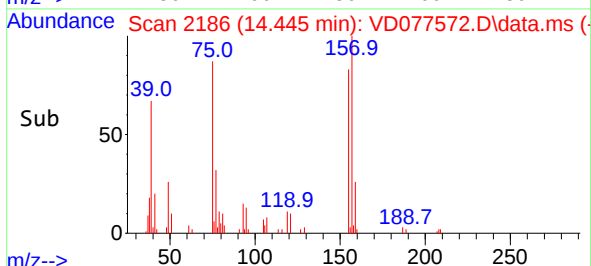
Tgt Ion:146 Resp: 209509
Ion Ratio Lower Upper
146 100
111 40.7 33.8 50.6
148 61.2 54.3 81.5

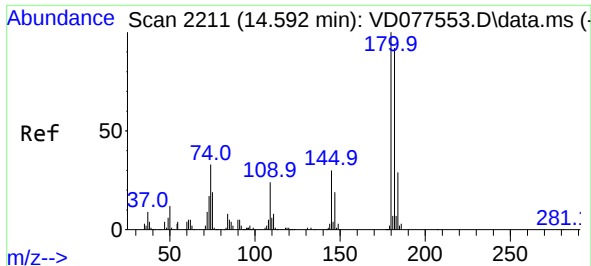


#68
1,2-Dibromo-3-chloropropane
Concen: 22.898 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43



Tgt Ion: 75 Resp: 15321
Ion Ratio Lower Upper
75 100
155 92.2 58.2 87.2#
157 110.8 68.7 103.1#





#69

1,3,5-Trichlorobenzene

Concen: 24.144 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

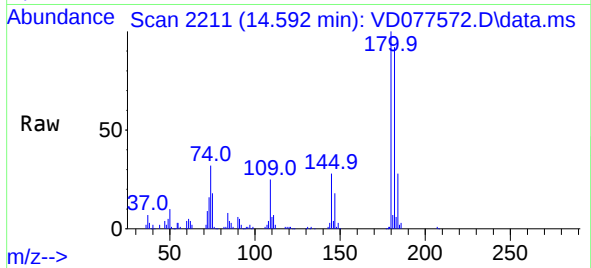
Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 157537

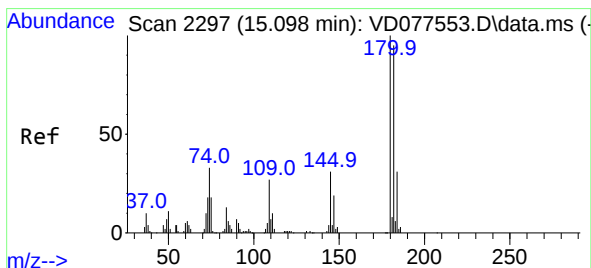
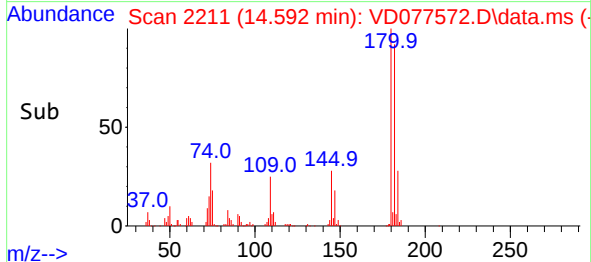
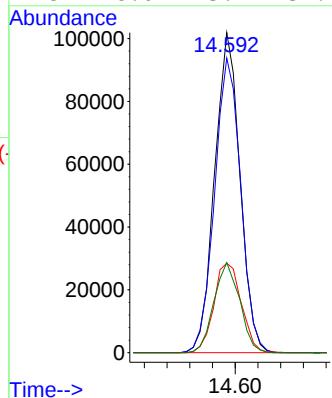
Ion Ratio Lower Upper

180 100

182 95.0 76.1 114.1

184 30.3 24.0 36.0

145 28.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 24.231 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077572.D

Acq: 14 Nov 2023 19:43

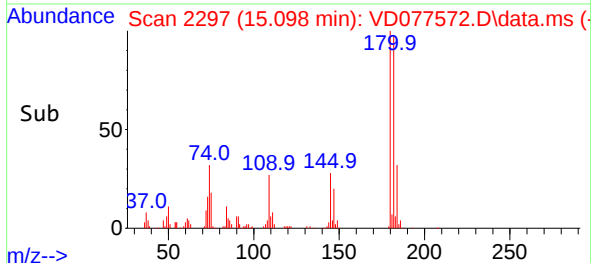
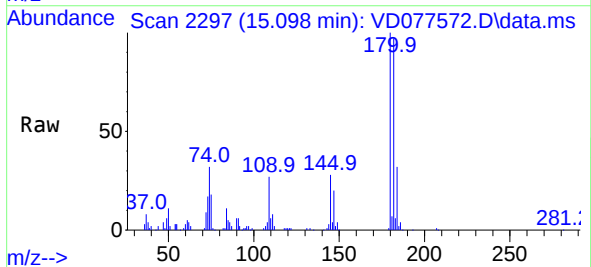
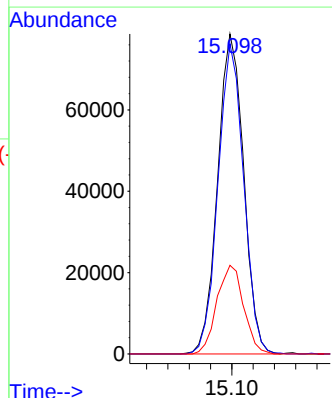
Tgt Ion:180 Resp: 133250

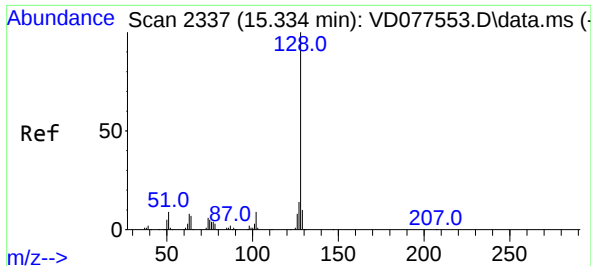
Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.6

145 28.5 24.1 36.1

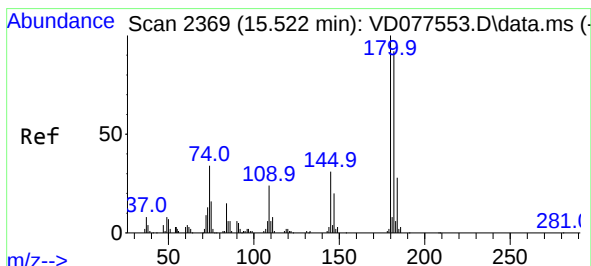
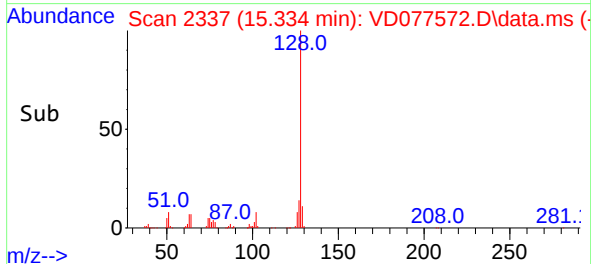
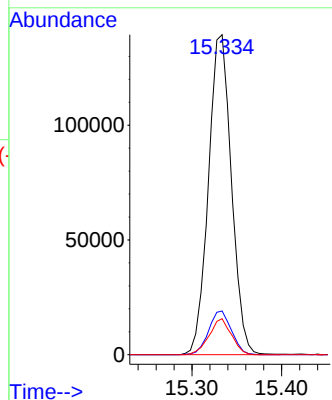
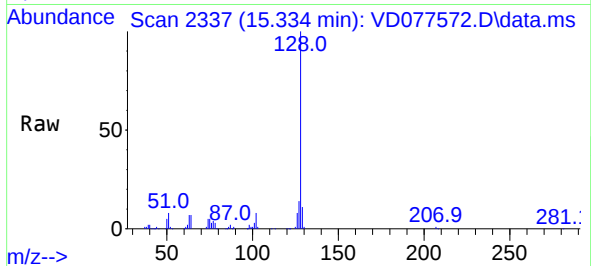




#71
Naphthalene
Concen: 23.972 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 248447
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.260 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077572.D
Acq: 14 Nov 2023 19:43

Tgt Ion:180 Resp: 118441
Ion Ratio Lower Upper
180 100
182 93.3 76.8 115.2
145 30.8 26.0 39.0

