

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077511.D
 Acq On : 06 Nov 2023 16:55
 Operator : JC/SY
 Sample : 05270-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 07 02:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

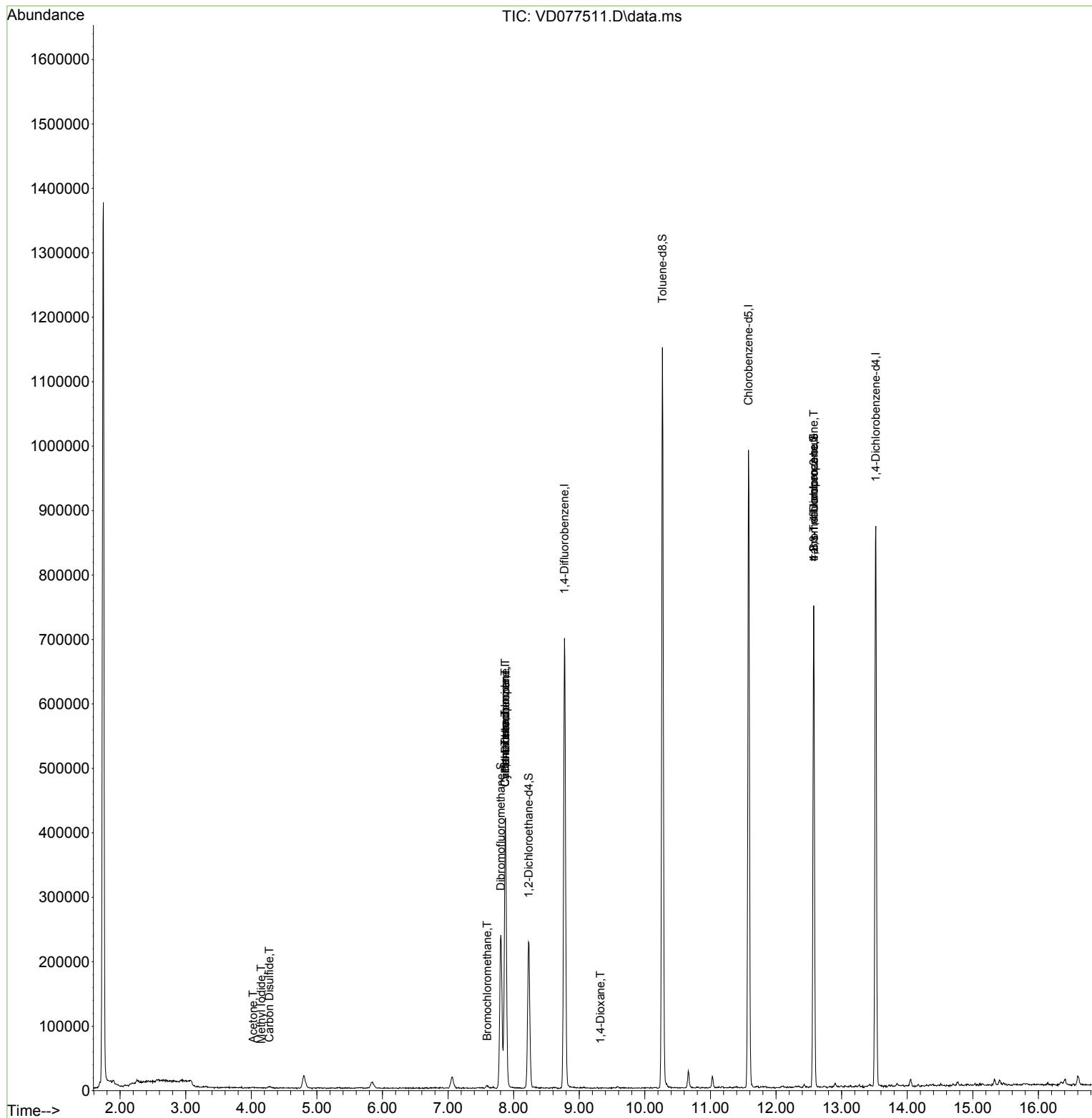
Internal Standards						
1) Pentafluorobenzene	7.875	168	309925	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	583692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	518478	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	222105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	183661	41.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.820%
35) Dibromofluoromethane	7.805	113	173016	42.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.780%
50) Toluene-d8	10.269	98	752078	47.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.575	95	225390	42.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.420%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.152	142	59	3.161	ug/l #	24
16) Acetone	4.028	43	2340	2.018	ug/l #	61
17) Carbon Disulfide	4.275	76	3029	4.050	ug/l #	71
28) Bromochloromethane	7.599	49	310	2.185	ug/l #	1
31) Cyclohexane	7.869	56	8525	1.244	ug/l #	42
36) 1,1-Dichloropropene	7.875	75	27452	4.590	ug/l #	46
38) Carbon Tetrachloride	7.869	117	30664	5.440	ug/l #	16
49) 1,4-Dioxane	9.322	88	62	2.388	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	127836	47.290	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	127836	91.347	ug/l #	17

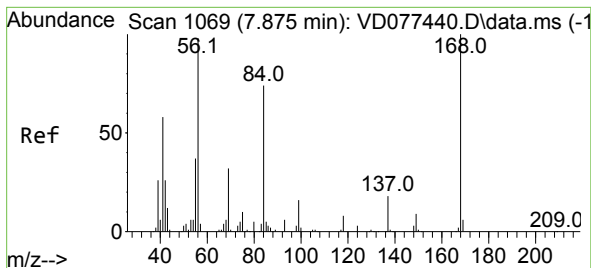
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

Instrument :

MSVOA_D

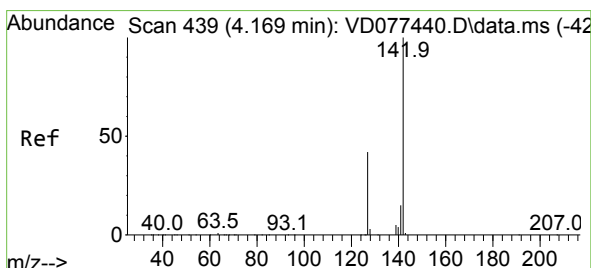
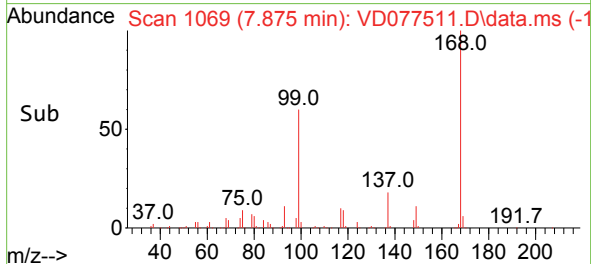
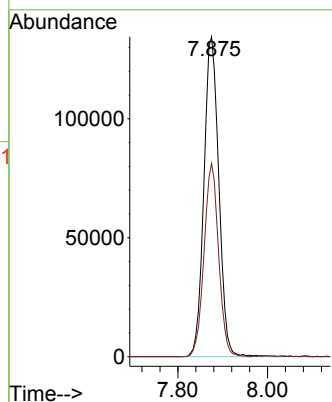
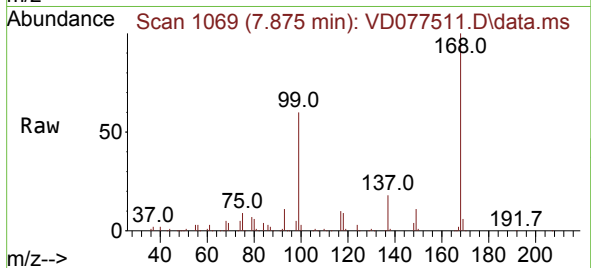
ClientSampleId :

Tgt Ion:168 Resp: 309925

Ion Ratio Lower Upper

168 100

99 60.5 36.7 55.1#



#10

Methyl Iodide

Concen: 3.161 ug/l

RT: 4.152 min Scan# 436

Delta R.T. -0.017 min

Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

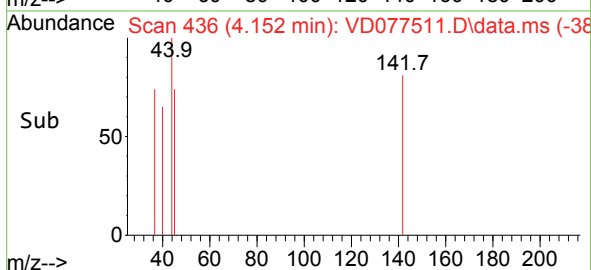
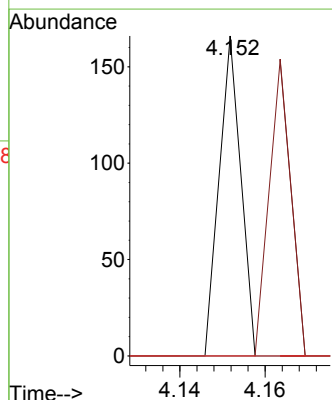
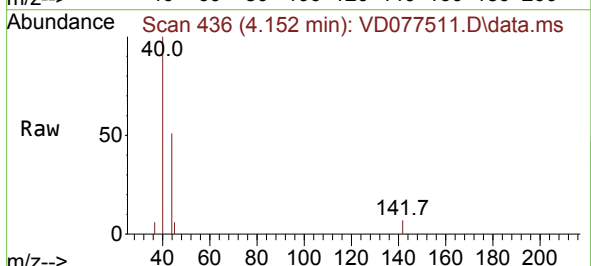
Tgt Ion:142 Resp: 59

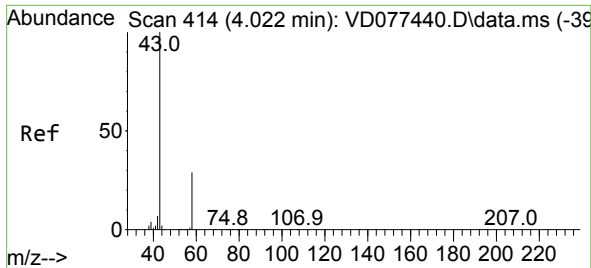
Ion Ratio Lower Upper

142 100

127 91.5 29.4 44.0#

141 0.0 11.1 16.7#

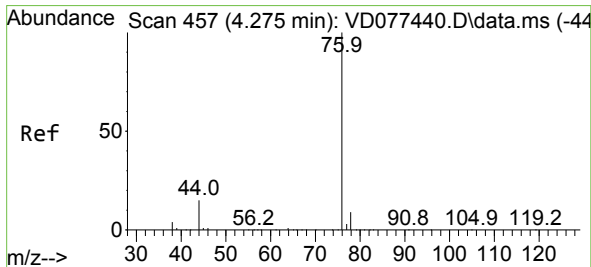
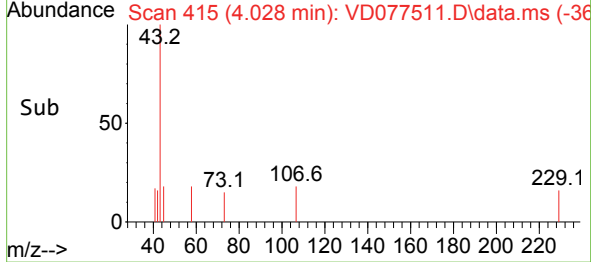
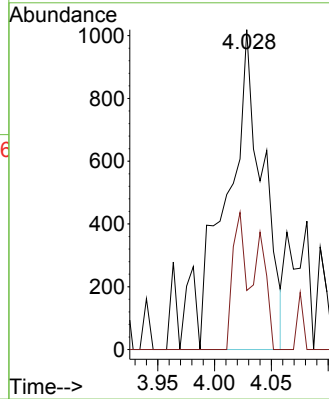
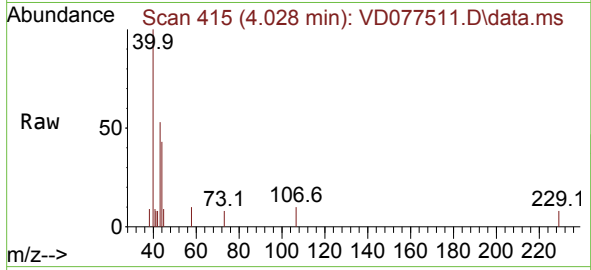




#16
Acetone
Concen: 2.018 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

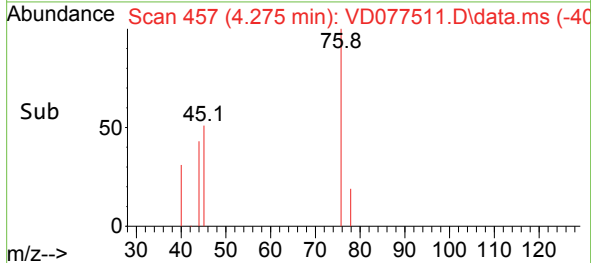
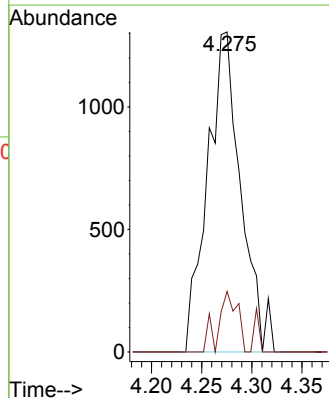
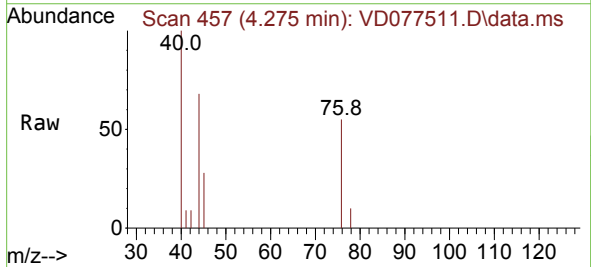
Instrument :
MSVOA_D
ClientSampleId :

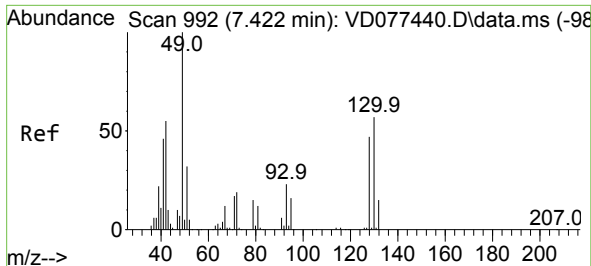
Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
58 18.4 34.7 52.1#



#17
Carbon Disulfide
Concen: 4.050 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

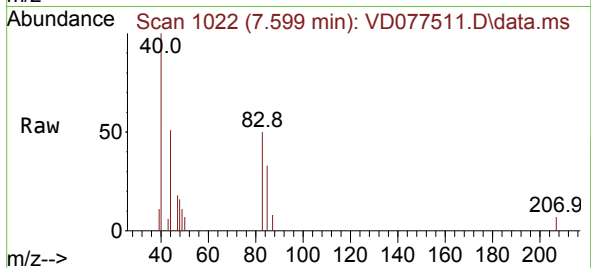
Tgt Ion: 76 Resp: 3029
Ion Ratio Lower Upper
76 100
78 18.9 6.8 10.2#



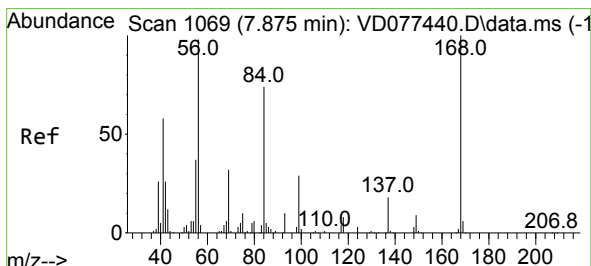
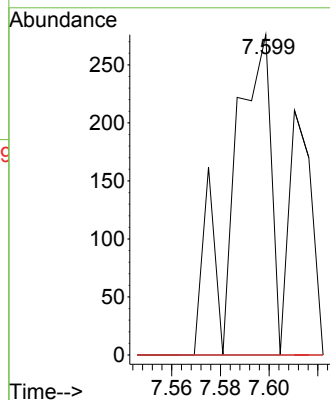
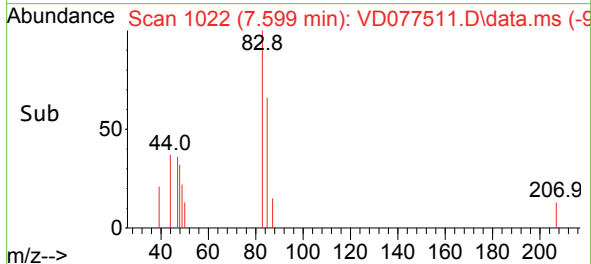


#28
Bromochloromethane
Concen: 2.185 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.177 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Instrument :
MSVOA_D
ClientSampleId :

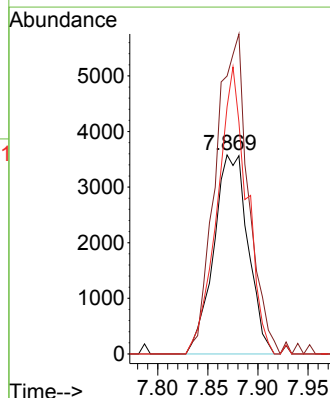
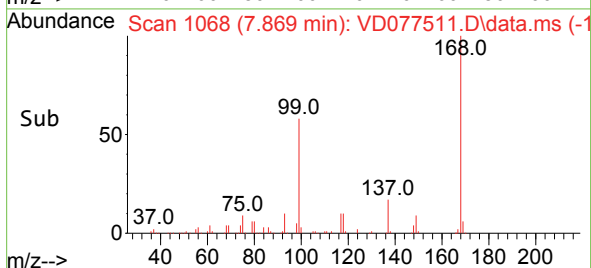
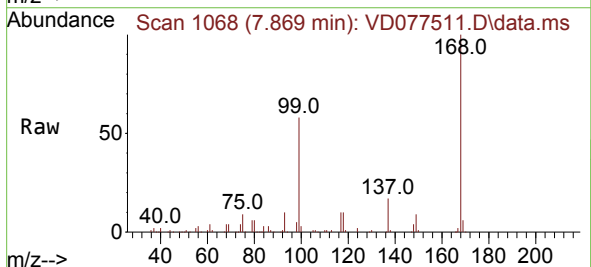


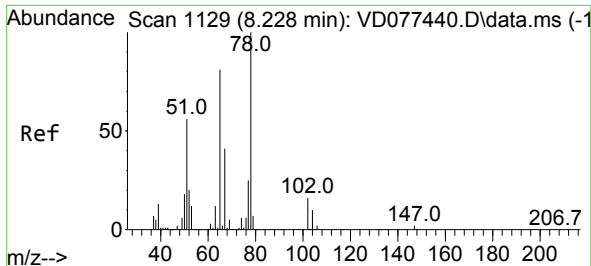
Tgt Ion: 49 Resp: 310
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion: 56 Resp: 8525
Ion Ratio Lower Upper
56 100
69 139.6 28.6 43.0#
84 124.2 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 41.908 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

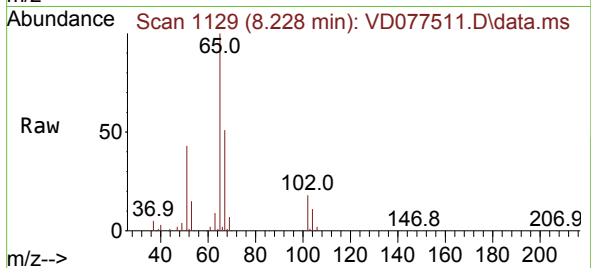
Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

Instrument :

MSVOA_D

ClientSampleId :

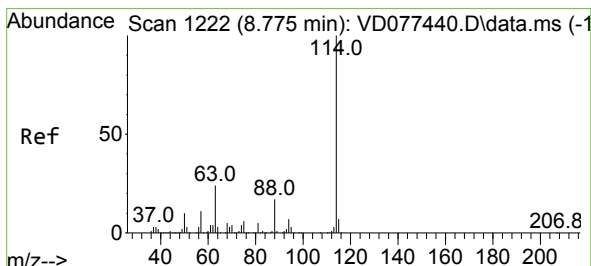
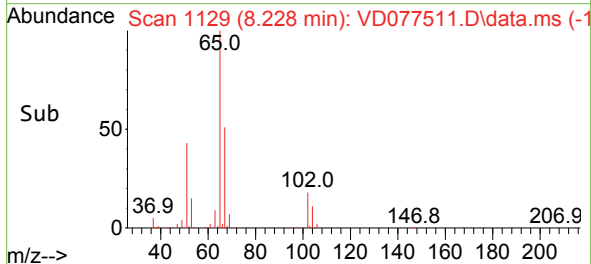
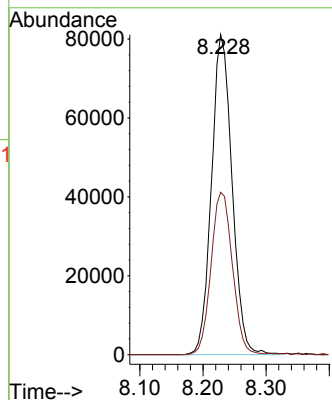


Tgt Ion: 65 Resp: 183661

Ion Ratio Lower Upper

65 100

67 52.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

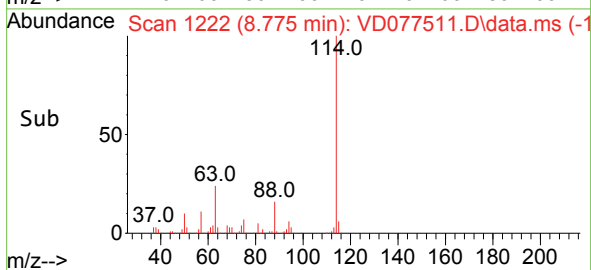
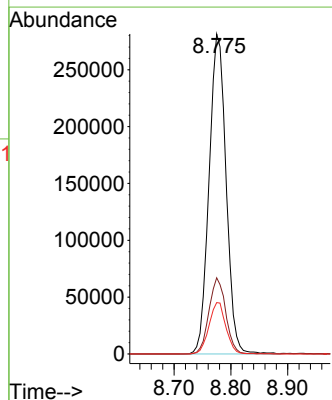
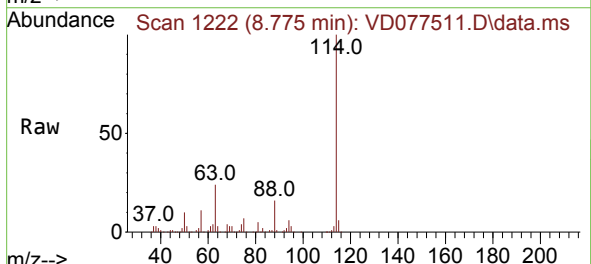
Tgt Ion: 114 Resp: 583692

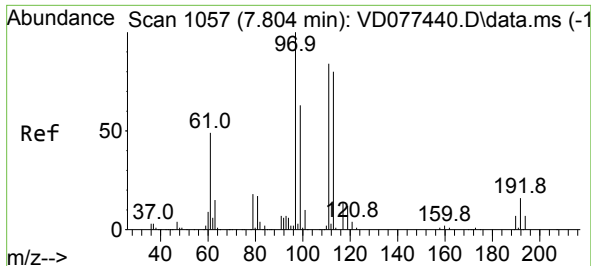
Ion Ratio Lower Upper

114 100

63 23.8 0.0 33.4

88 16.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 42.887 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

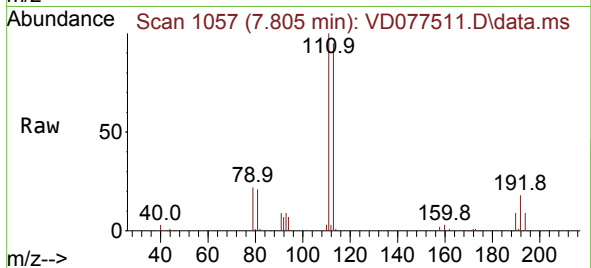
Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

Instrument :

MSVOA_D

ClientSampleId :



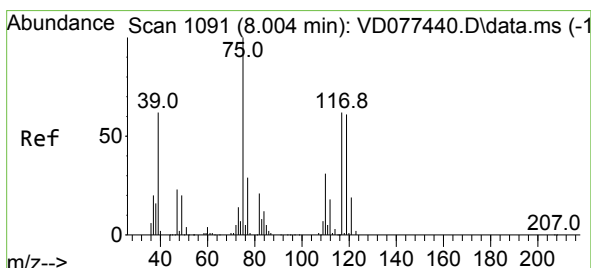
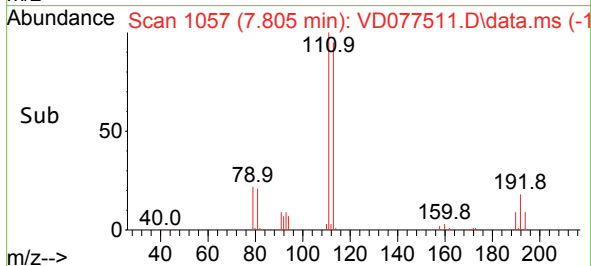
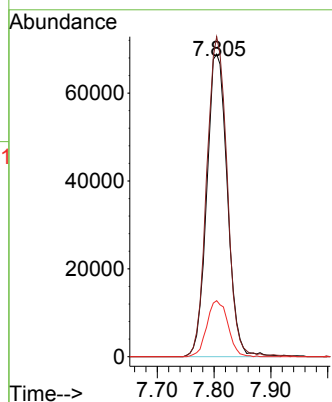
Tgt Ion:113 Resp: 173016

Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.590 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

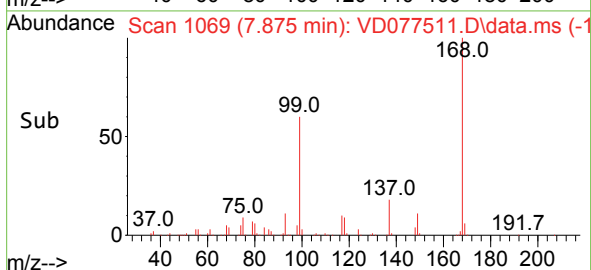
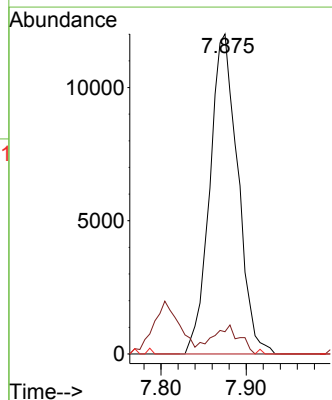
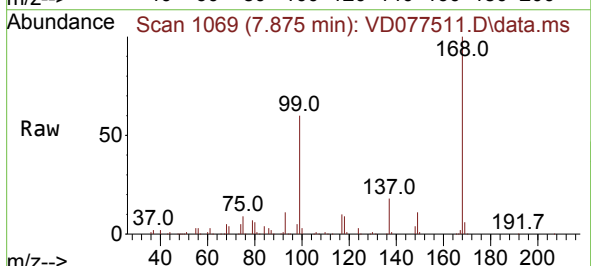
Tgt Ion: 75 Resp: 27452

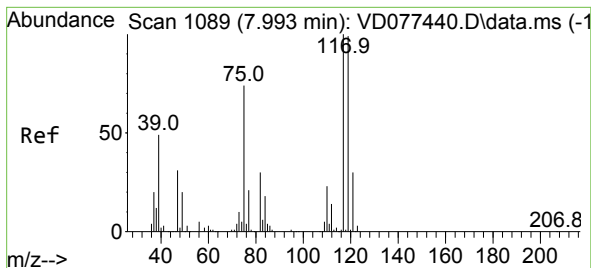
Ion Ratio Lower Upper

75 100

110 7.8 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.440 ug/l

RT: 7.869 min Scan# 1

Delta R.T. -0.123 min

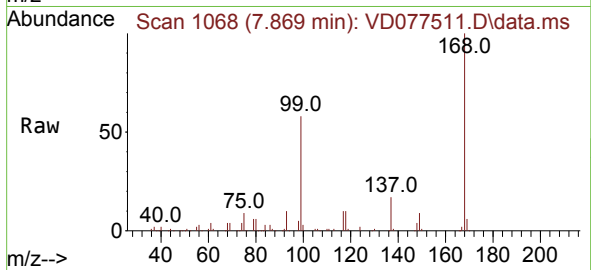
Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

Instrument :

MSVOA_D

ClientSampleId :



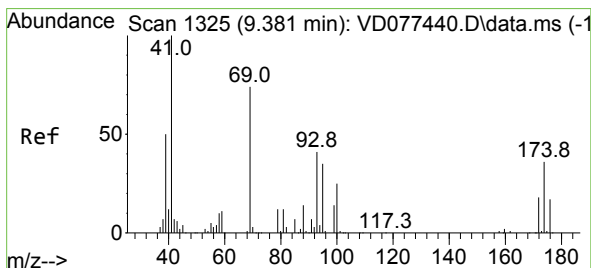
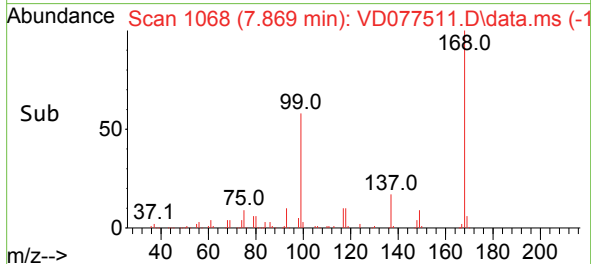
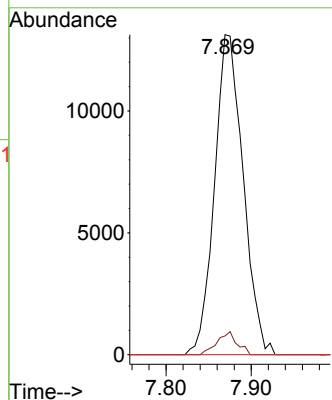
Tgt Ion:117 Resp: 30664

Ion Ratio Lower Upper

117 100

119 5.9 78.0 117.0#

121 0.0 24.2 36.2#



#49

1,4-Dioxane

Concen: 2.388 ug/l

RT: 9.322 min Scan# 1315

Delta R.T. -0.059 min

Lab File: VD077511.D

Acq: 06 Nov 2023 16:55

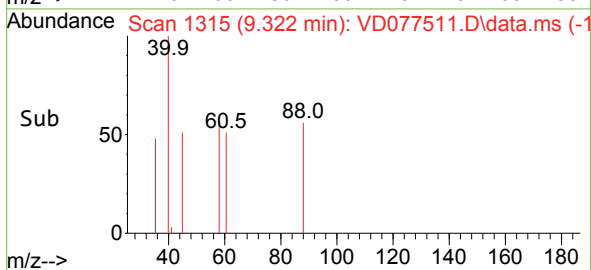
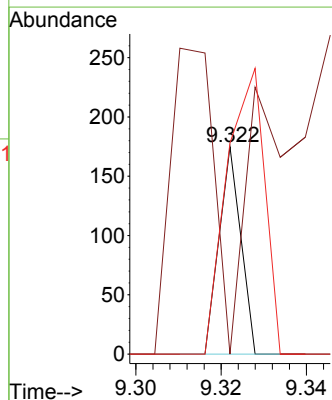
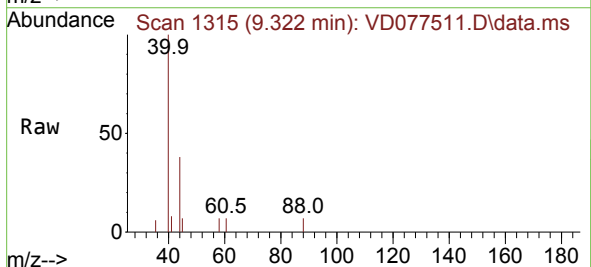
Tgt Ion: 88 Resp: 62

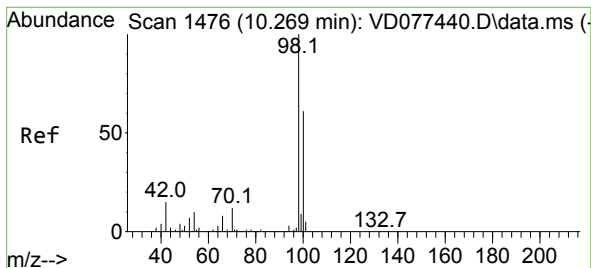
Ion Ratio Lower Upper

88 100

43 291.9 19.0 28.6#

58 238.7 43.5 65.3#

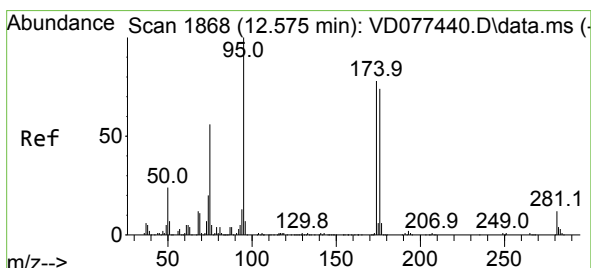
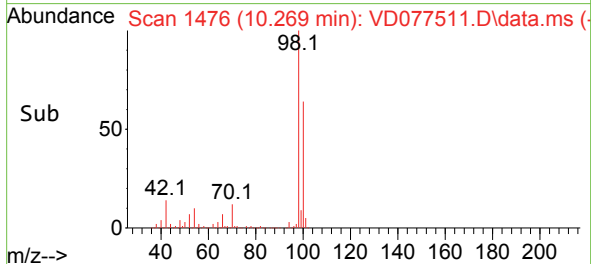
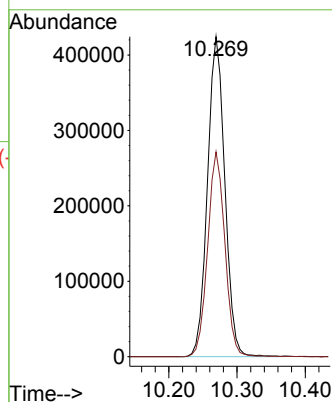
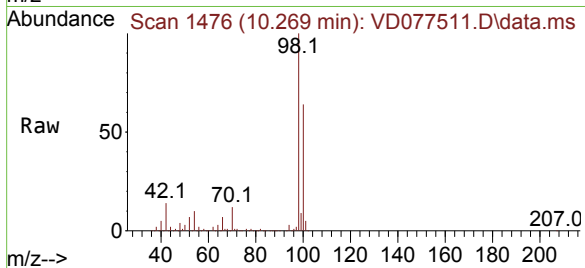




#50
Toluene-d8
Concen: 47.995 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

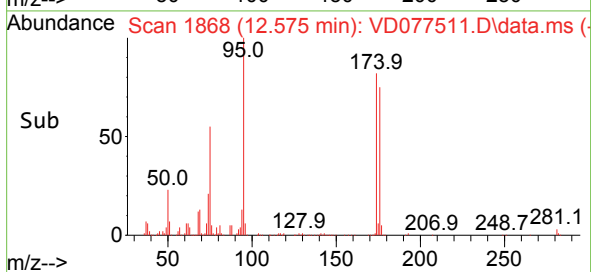
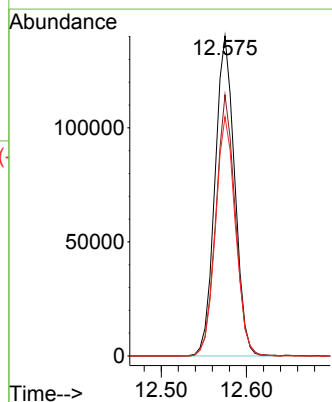
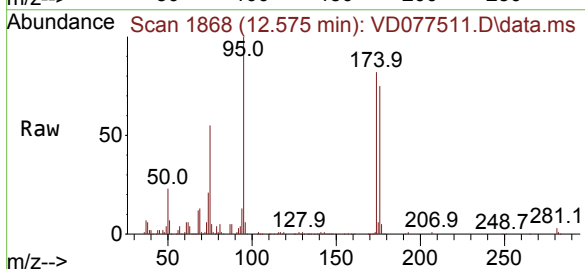
Instrument :
MSVOA_D
ClientSampleId :

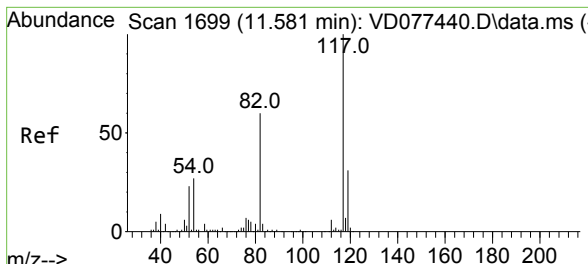
Tgt Ion: 98 Resp: 752078
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.705 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion: 95 Resp: 225390
Ion Ratio Lower Upper
95 100
174 80.2 0.0 201.8
176 75.7 0.0 191.8

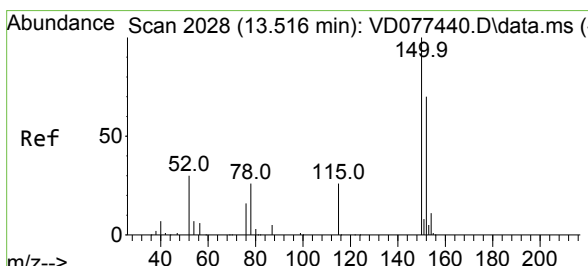
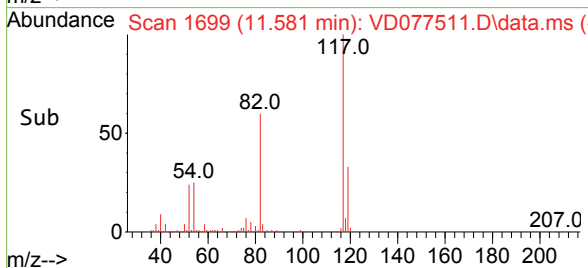
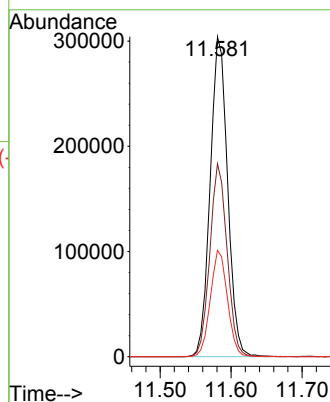
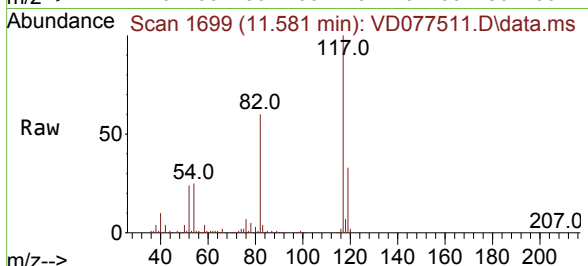




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

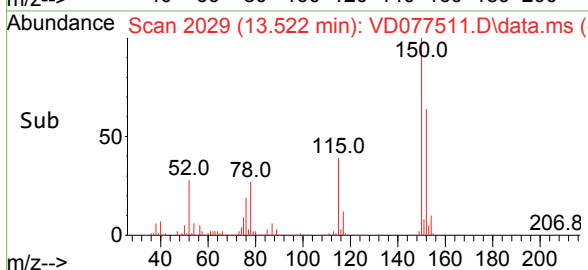
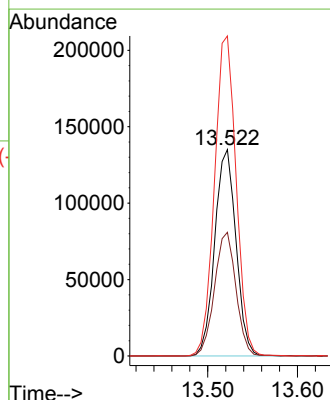
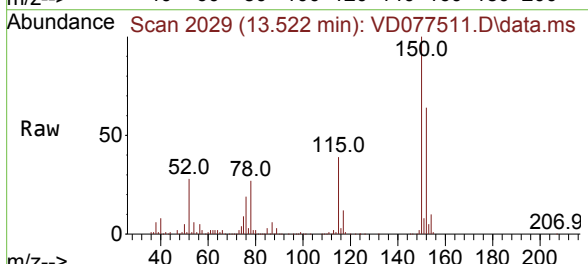
Instrument :
MSVOA_D
ClientSampleId :

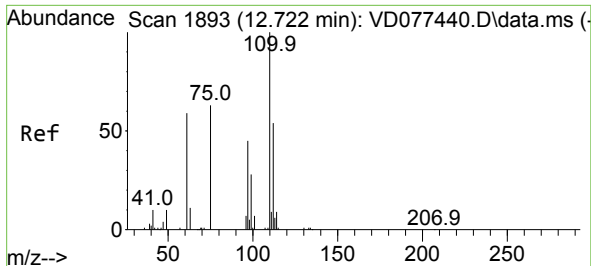
Tgt Ion:117 Resp: 518478
Ion Ratio Lower Upper
117 100
82 60.3 38.3 57.5#
119 33.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion:152 Resp: 222105
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 157.6 0.0 353.6

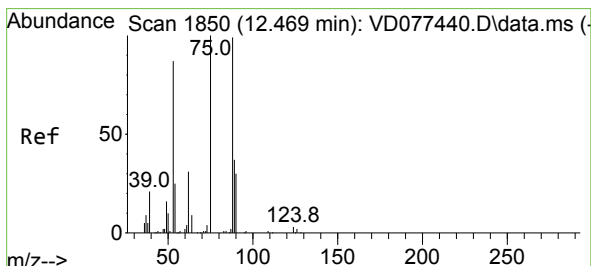
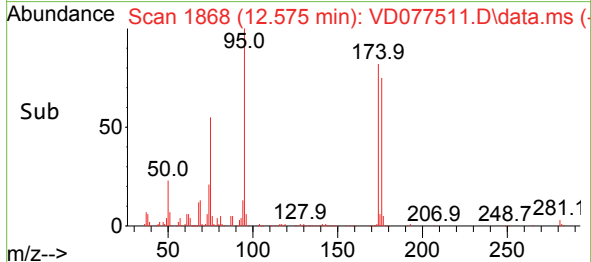
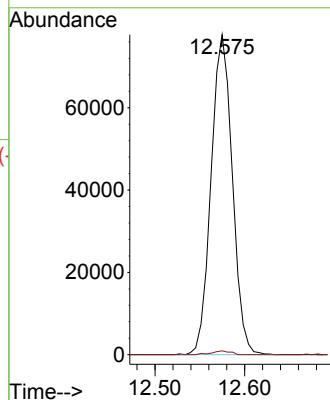
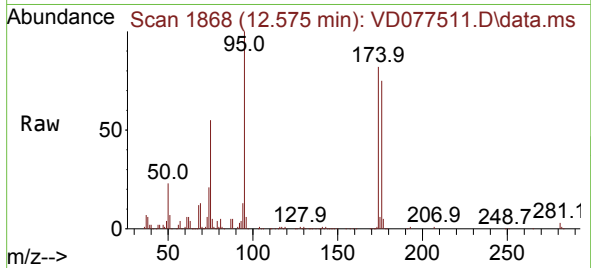




#76
1,2,3-Trichloropropane
Concen: 47.290 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 127836
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.347 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion: 75 Resp: 127836
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

