

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077380.D
 Acq On : 23 Oct 2023 14:47
 Operator : JC/SY
 Sample : 04989-01
 Misc : 4.26G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

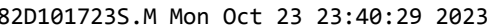
Quant Time: Oct 23 23:40:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

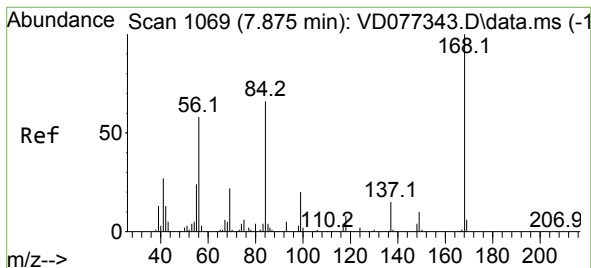
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	142768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	254842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	102569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65846	51.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.804	113	80913	41.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.820%
50) Toluene-d8	10.269	98	247431	35.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.720%
62) 4-Bromofluorobenzene	12.574	95	65454	32.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.000%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	1591	5.691	ug/l #	62
20) Methylene Chloride	4.804	84	10505	1.590	ug/l #	84
31) Cyclohexane	7.881	56	2929	1.477	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10931	4.258	ug/l #	45
38) Carbon Tetrachloride	7.881	117	13814	4.837	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	773	1.062	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	31918	24.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	31918	83.383	ug/l #	17

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

Quant Time: Oct 23 23:40:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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: VD077380.D

Acq: 23 Oct 2023 14:47

Instrument :

MSVOA_D

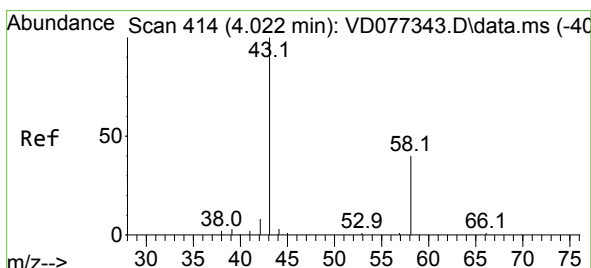
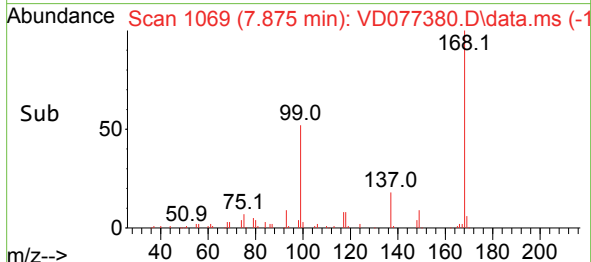
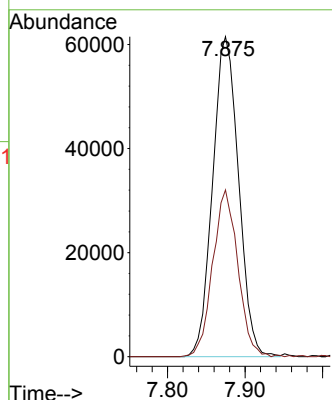
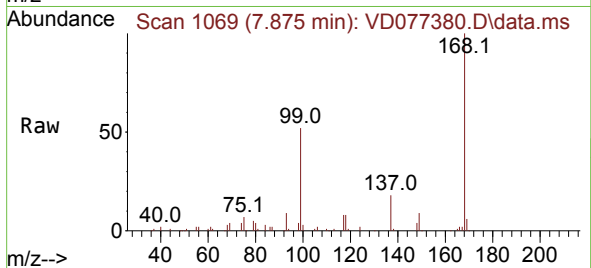
ClientSampleId :

Tgt Ion:168 Resp: 142768

Ion Ratio Lower Upper

168 100

99 52.1 36.7 55.1



#16

Acetone

Concen: 5.691 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD077380.D

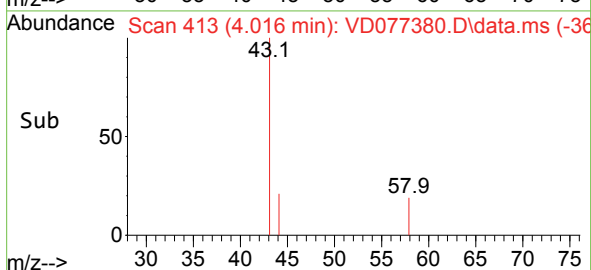
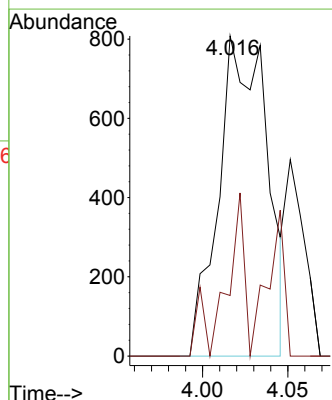
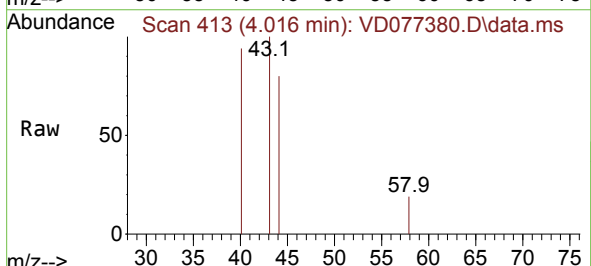
Acq: 23 Oct 2023 14:47

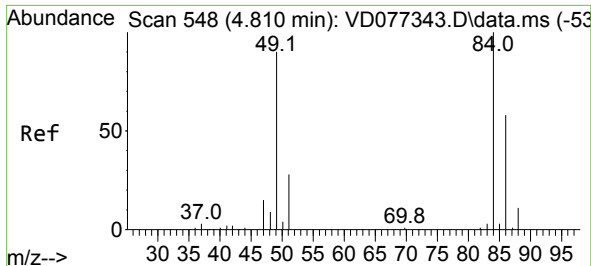
Tgt Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

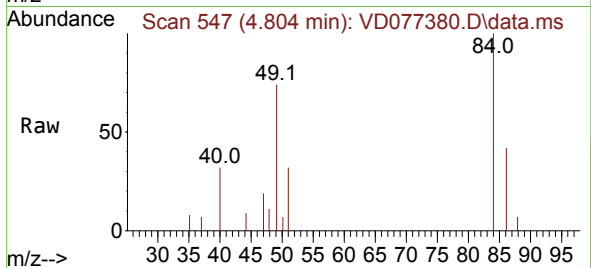
58 18.9 34.7 52.1#



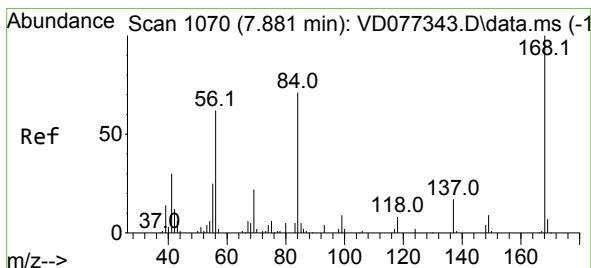
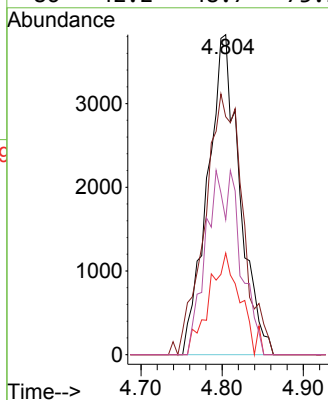
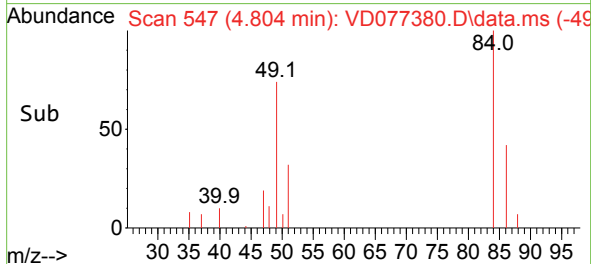


#20
Methylene Chloride
Concen: 1.590 ug/l
RT: 4.804 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

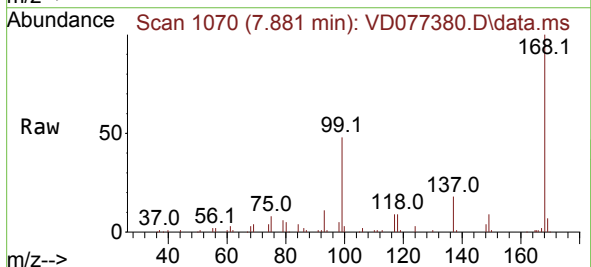
Instrument :
MSVOA_D
ClientSampleId :



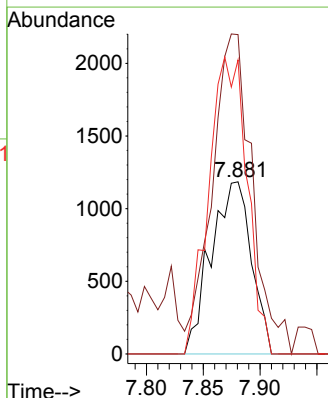
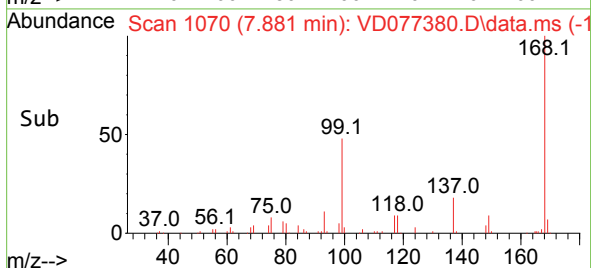
Tgt Ion: 84 Resp: 10505
Ion Ratio Lower Upper
84 100
49 74.4 71.4 107.2
51 31.7 24.5 36.7
86 42.2 48.7 73.1#

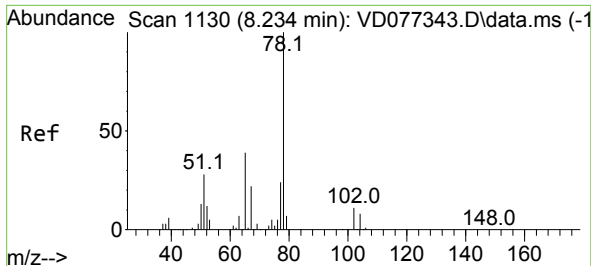


#31
Cyclohexane
Concen: 1.477 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47



Tgt Ion: 56 Resp: 2929
Ion Ratio Lower Upper
56 100
69 170.0 28.6 43.0#
84 170.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 51.651 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077380.D

Acq: 23 Oct 2023 14:47

Instrument :

MSVOA_D

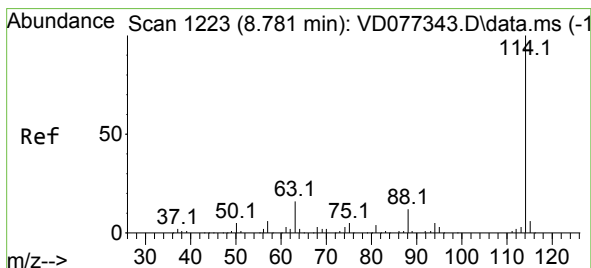
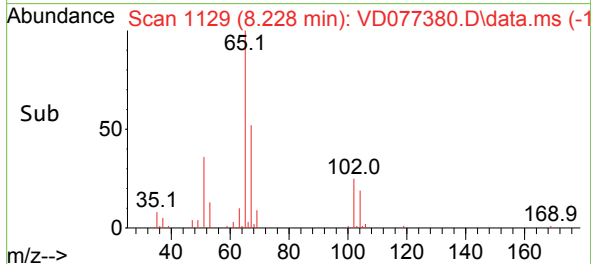
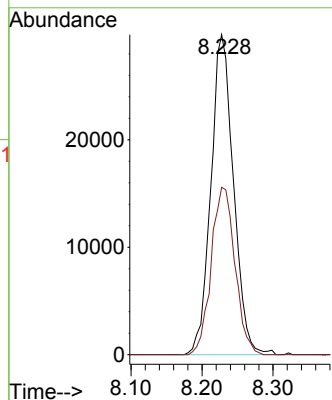
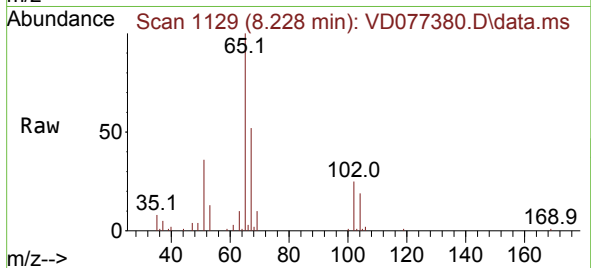
ClientSampleId :

Tgt Ion: 65 Resp: 65846

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077380.D

Acq: 23 Oct 2023 14:47

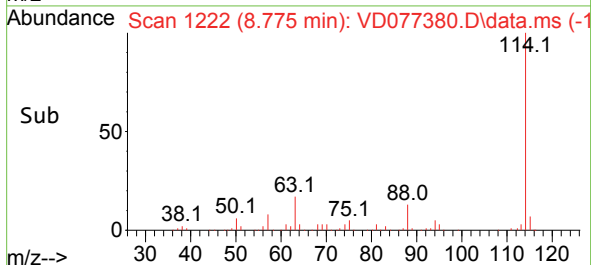
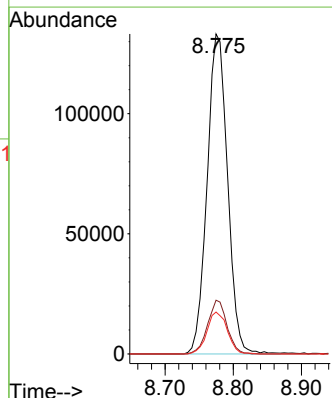
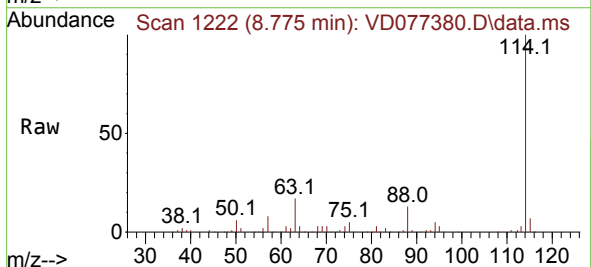
Tgt Ion: 114 Resp: 278114

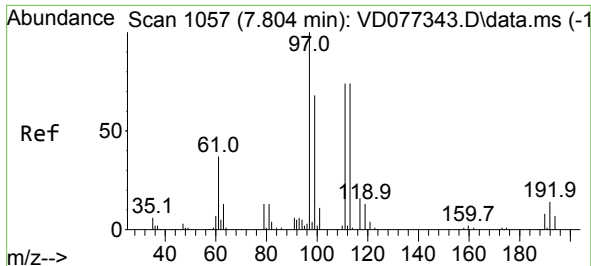
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

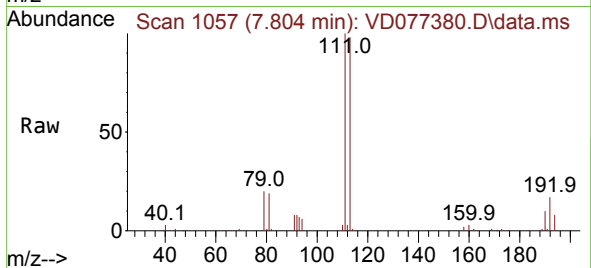
88 13.1 0.0 26.2



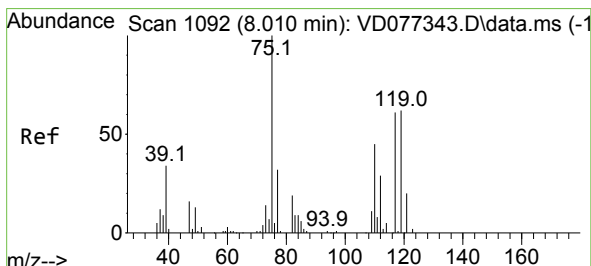
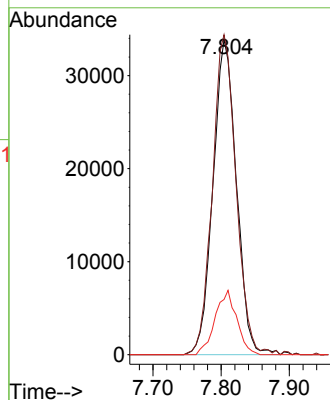
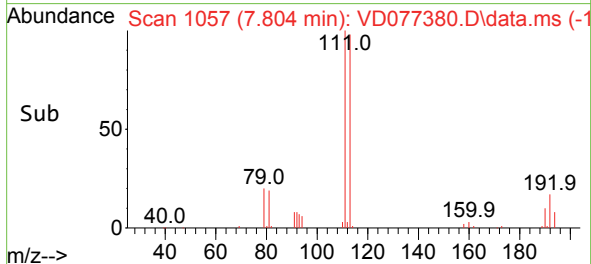


#35
Dibromofluoromethane
Concen: 41.412 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

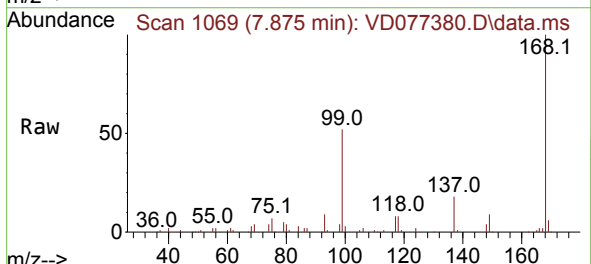
Instrument :
MSVOA_D
ClientSampleId :



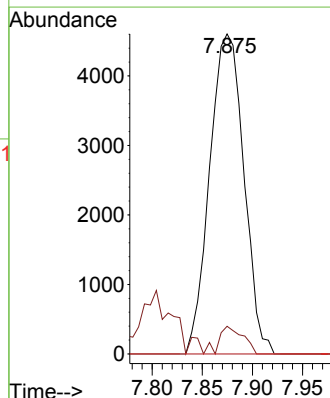
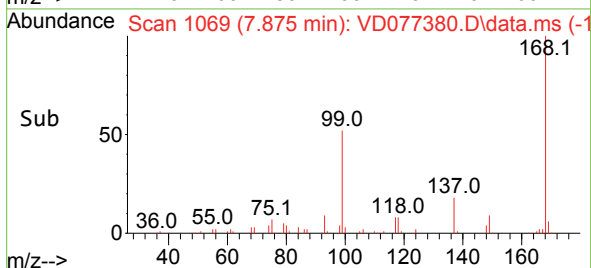
Tgt Ion:113 Resp: 80913
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 18.9 16.8 25.2

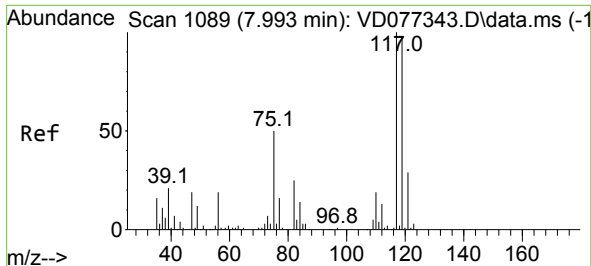


#36
1,1-Dichloropropene
Concen: 4.258 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47



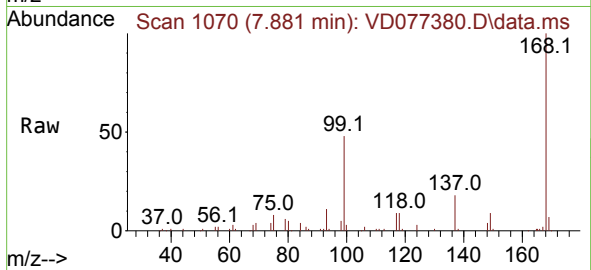
Tgt Ion: 75 Resp: 10931
Ion Ratio Lower Upper
75 100
110 6.1 19.9 59.6#
77 0.0 24.7 37.1#



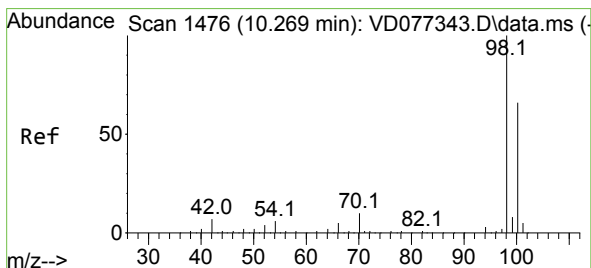
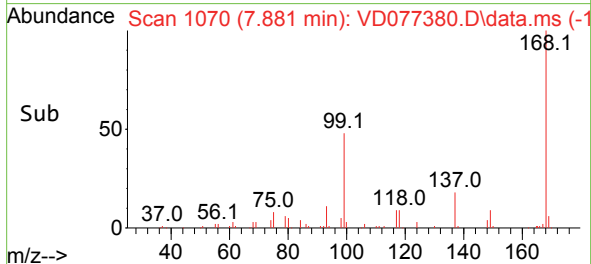
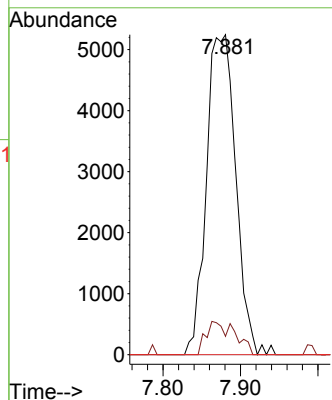


#38
Carbon Tetrachloride
Concen: 4.837 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

Instrument :
MSVOA_D
ClientSampleId :

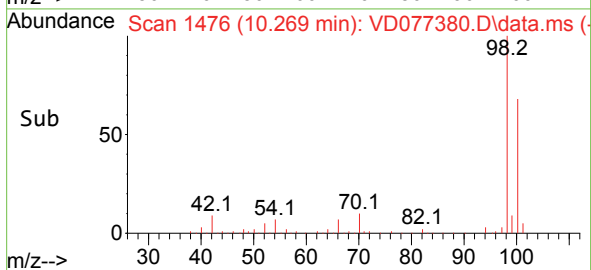
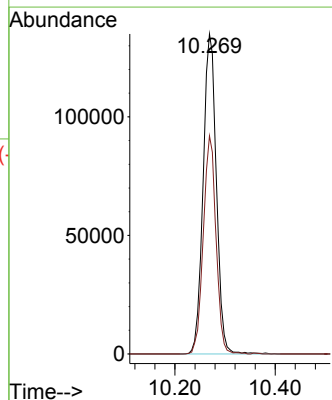
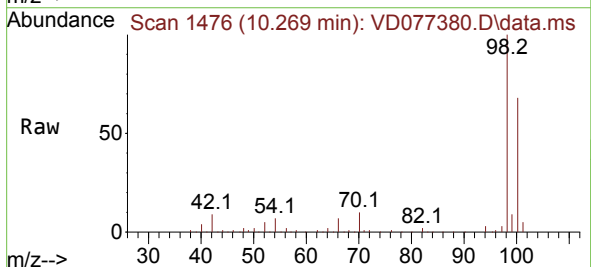


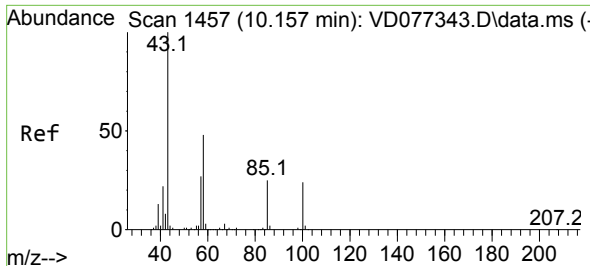
Tgt Ion:117 Resp: 13814
Ion Ratio Lower Upper
117 100
119 5.8 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 35.360 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

Tgt Ion: 98 Resp: 247431
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5

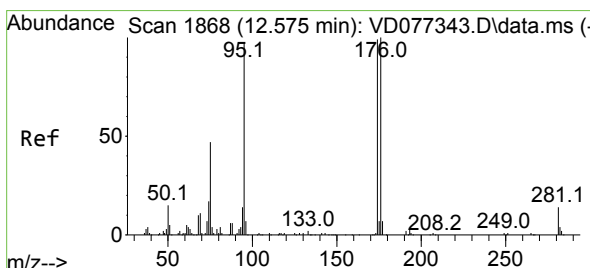
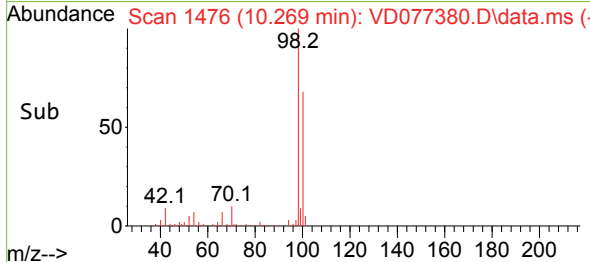
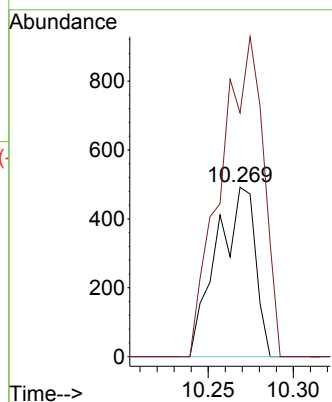
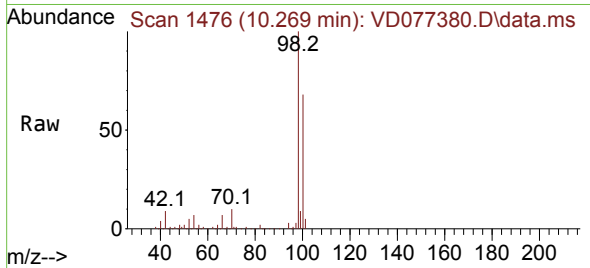




#51
4-Methyl-2-Pentanone
Concen: 1.062 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

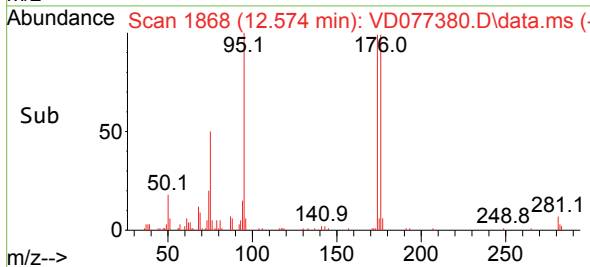
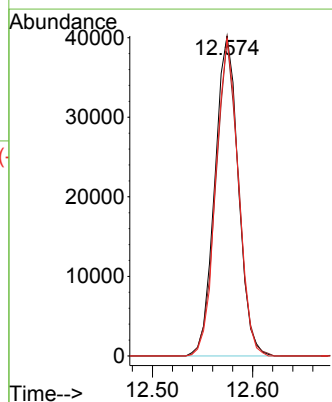
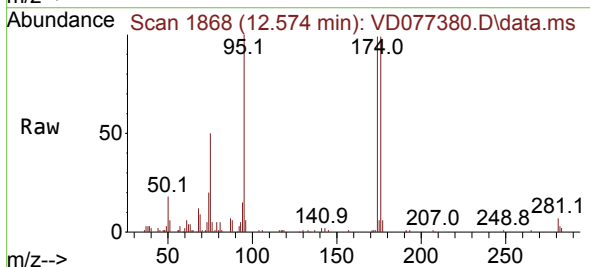
Instrument :
MSVOA_D
ClientSampleId :

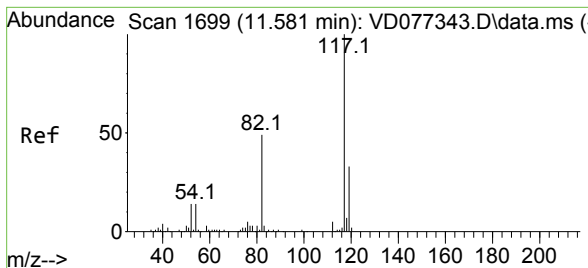
Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
58 209.1 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 32.495 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

Tgt Ion: 95 Resp: 65454
Ion Ratio Lower Upper
95 100
174 95.1 0.0 201.8
176 95.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.001 min

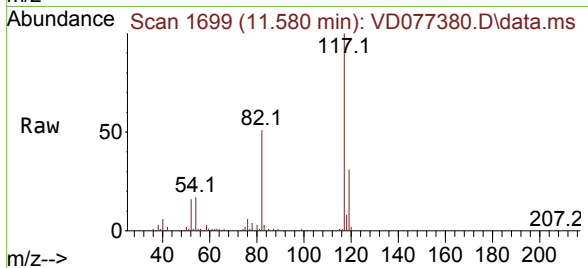
Lab File: VD077380.D

Acq: 23 Oct 2023 14:47

Instrument :

MSVOA_D

ClientSampleId :



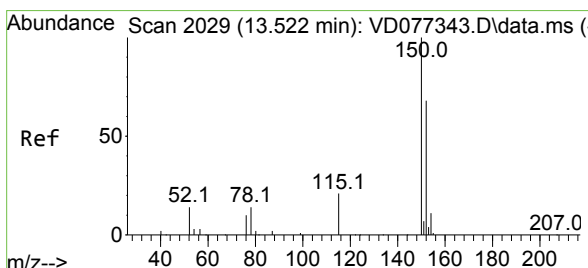
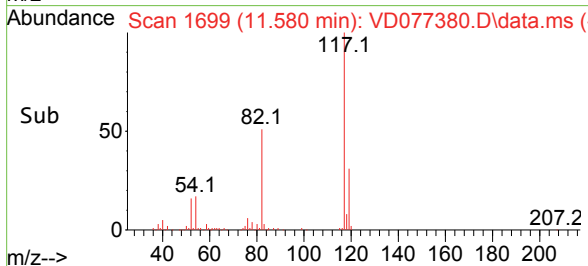
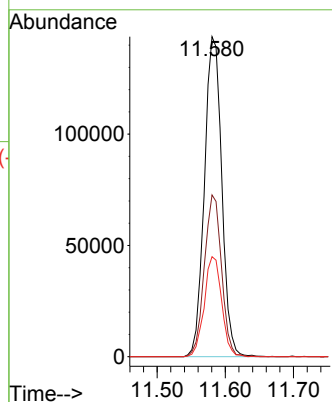
Tgt Ion:117 Resp: 254842

Ion Ratio Lower Upper

117 100

82 50.6 38.3 57.5

119 31.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.521 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD077380.D

Acq: 23 Oct 2023 14:47

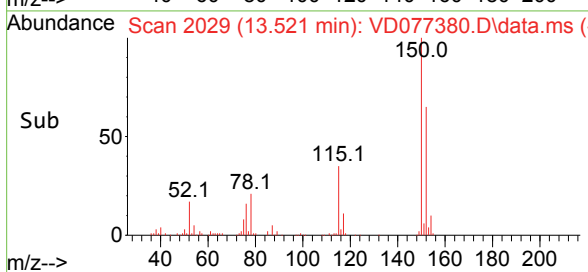
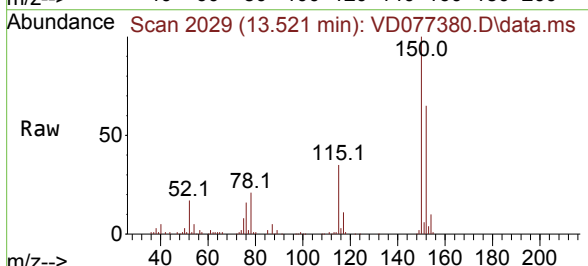
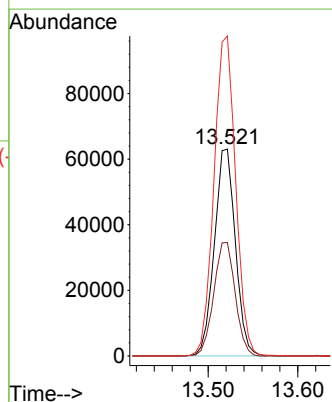
Tgt Ion:152 Resp: 102569

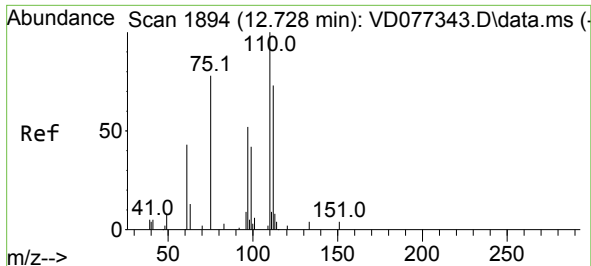
Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 159.3 0.0 353.6

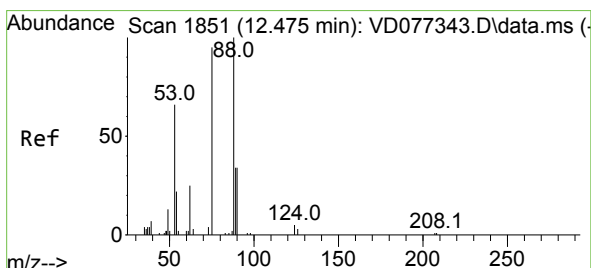
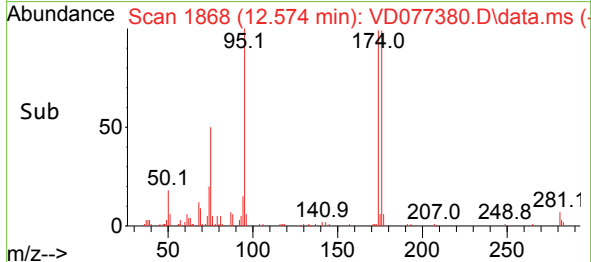
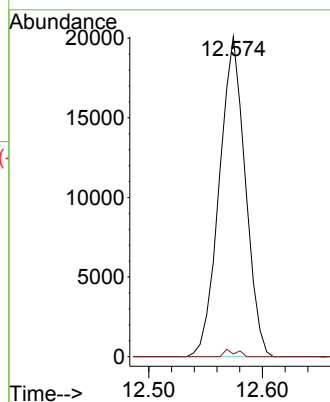
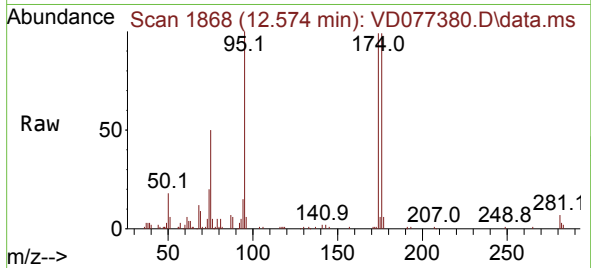




#76
1,2,3-Trichloropropane
Concen: 24.405 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.154 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 31918
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.383 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

Tgt Ion: 75 Resp: 31918
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 0.0 37.9 56.9#

