

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092923\
 Data File : VD077246.D
 Acq On : 29 Sep 2023 15:20
 Operator : JC/SY
 Sample : VD0929SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 30 04:43:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

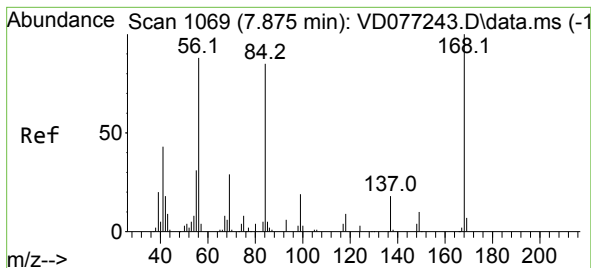
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	234225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	524912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	672406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	344150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	111125	47.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.805	113	158738	43.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.080%
50) Toluene-d8	10.269	98	679911	52.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.780%
62) 4-Bromofluorobenzene	12.575	95	276922	68.846	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	137.700%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.881	56	5066	1.225	ug/l #	14
36) 1,1-Dichloropropene	7.875	75	18254	3.324	ug/l #	48
38) Carbon Tetrachloride	7.875	117	23063	4.273	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	2698	1.330	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	141760	51.639	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	141760	97.743	ug/l #	17

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

Quant Time: Sep 30 04:43:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD077246.D

Acq: 29 Sep 2023 15:20

Instrument :

MSVOA_D

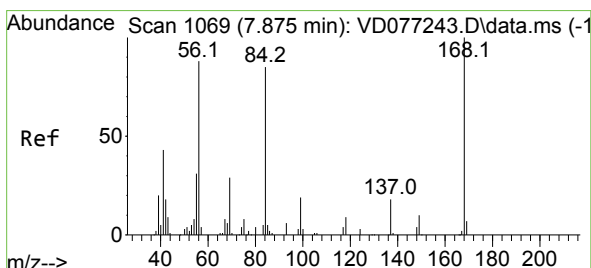
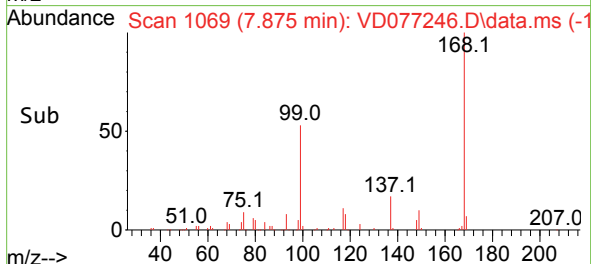
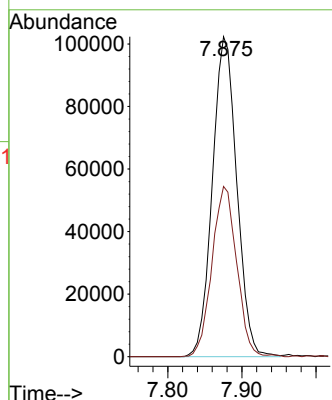
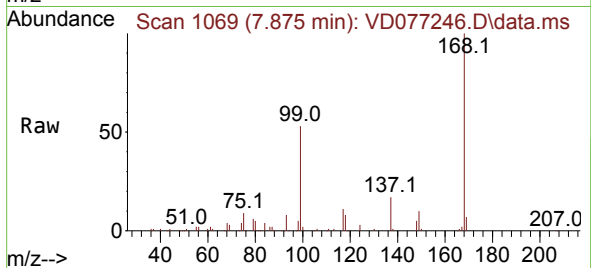
ClientSampleId :

Tgt Ion:168 Resp: 234225

Ion Ratio Lower Upper

168 100

99 53.2 36.7 55.1



#31

Cyclohexane

Concen: 1.225 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077246.D

Acq: 29 Sep 2023 15:20

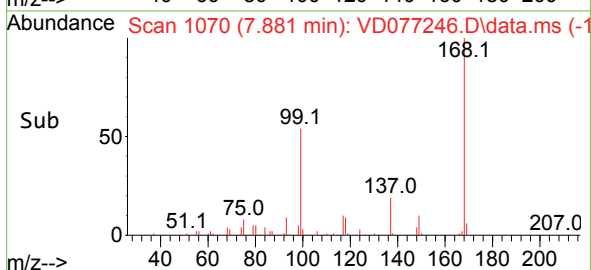
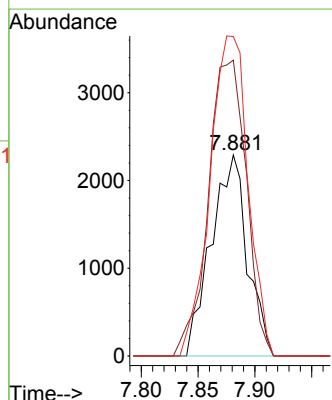
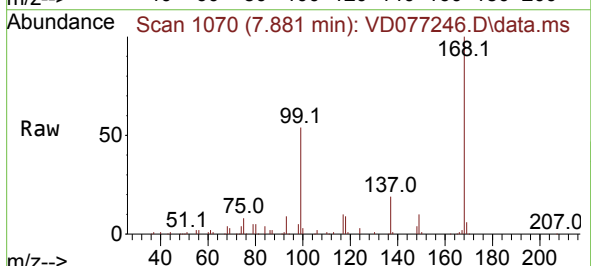
Tgt Ion: 56 Resp: 5066

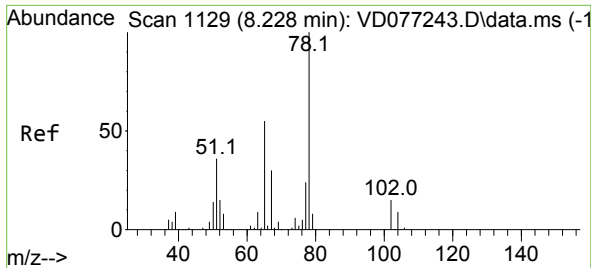
Ion Ratio Lower Upper

56 100

69 147.2 28.6 43.0#

84 159.0 84.8 127.2#

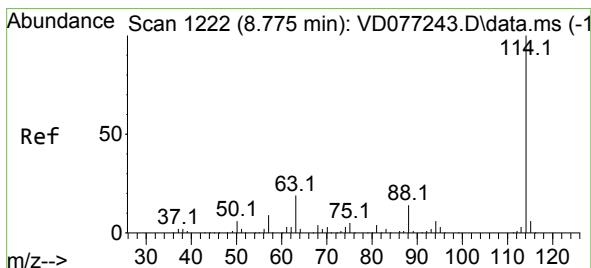
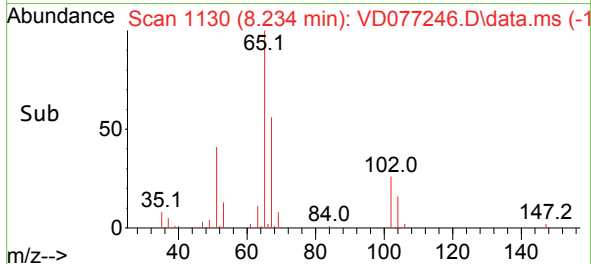
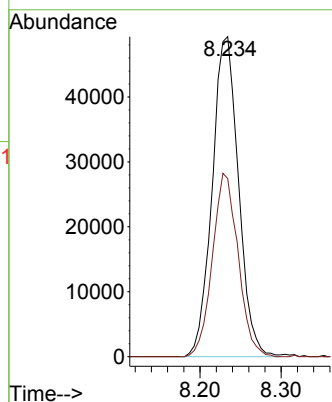
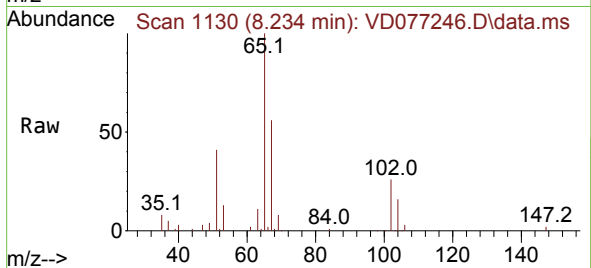




#33
 1,2-Dichloroethane-d4
 Concen: 47.011 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD077246.D
 Acq: 29 Sep 2023 15:20

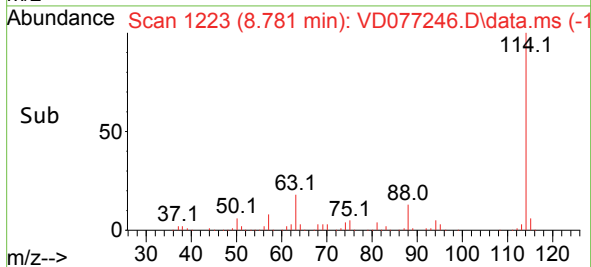
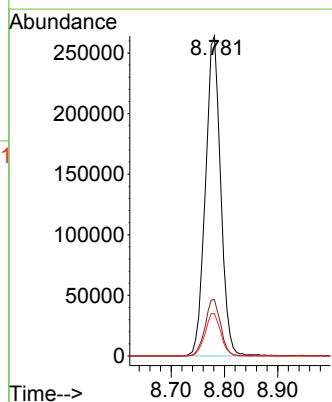
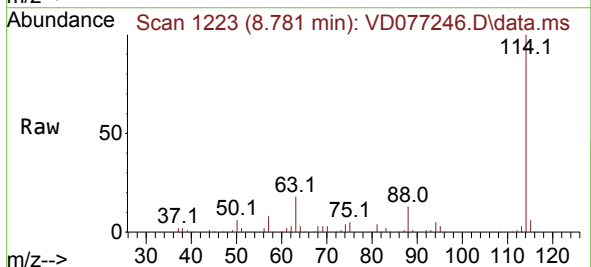
Instrument :
 MSVOA_D
 ClientSampleId :

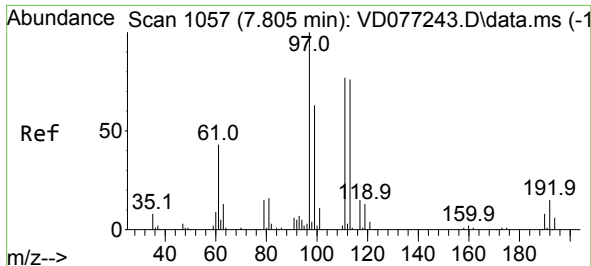
Tgt Ion: 65 Resp: 111125
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD077246.D
 Acq: 29 Sep 2023 15:20

Tgt Ion: 114 Resp: 524912
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.4
 88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.538 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

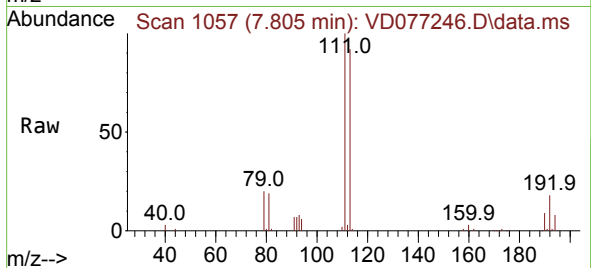
Lab File: VD077246.D

Acq: 29 Sep 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :



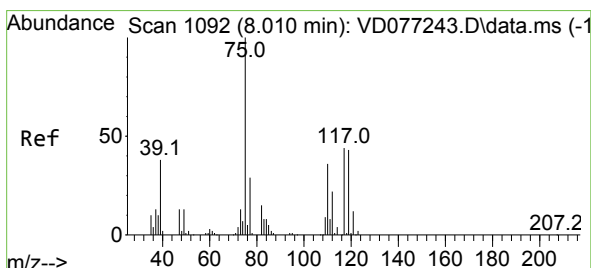
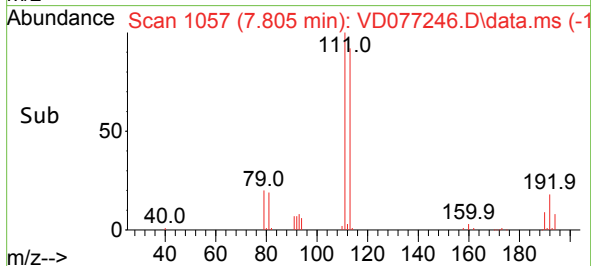
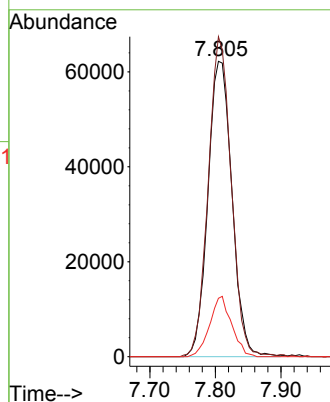
Tgt Ion:113 Resp: 158738

Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 3.324 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD077246.D

Acq: 29 Sep 2023 15:20

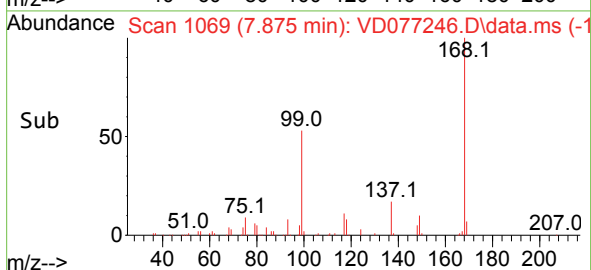
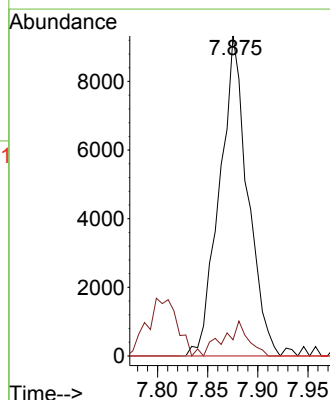
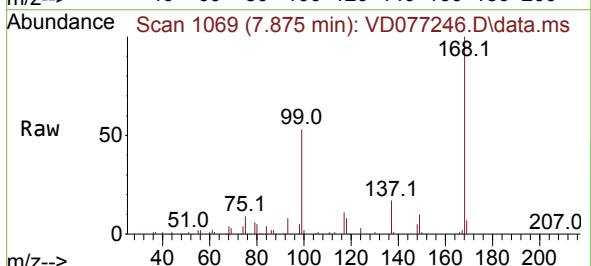
Tgt Ion: 75 Resp: 18254

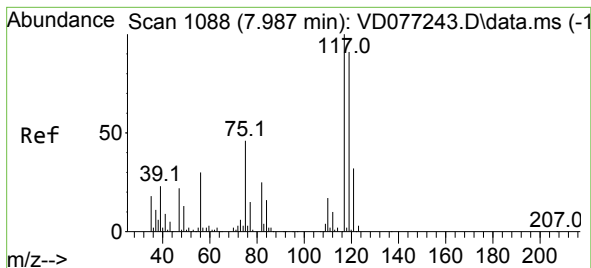
Ion Ratio Lower Upper

75 100

110 9.4 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.273 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

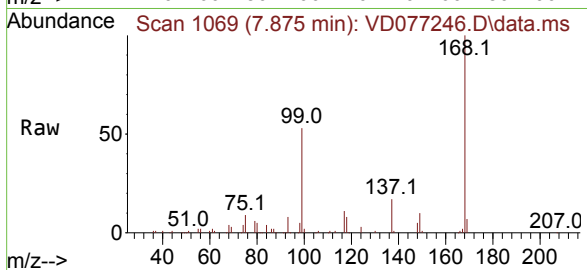
Lab File: VD077246.D

Acq: 29 Sep 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :



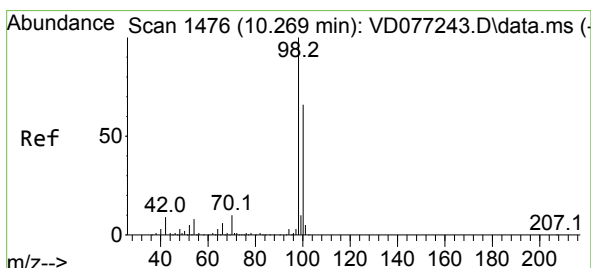
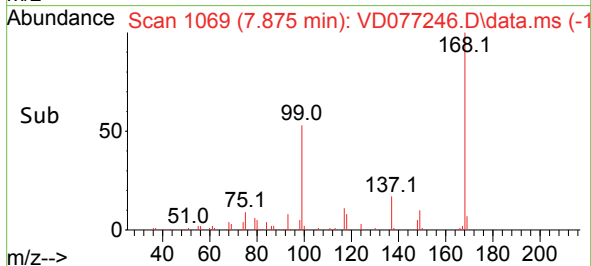
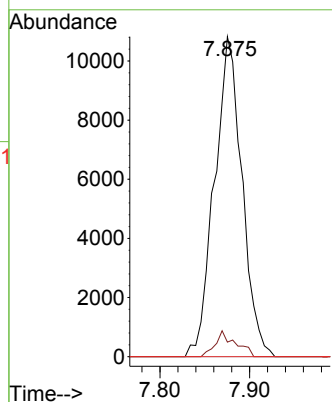
Tgt Ion:117 Resp: 23063

Ion Ratio Lower Upper

117 100

119 4.5 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.391 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077246.D

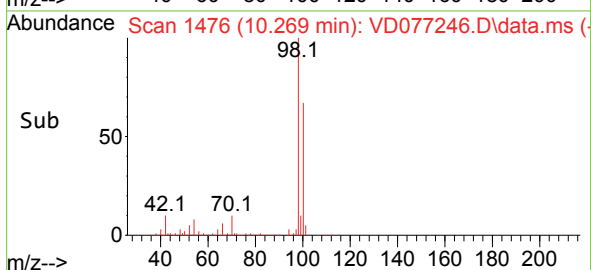
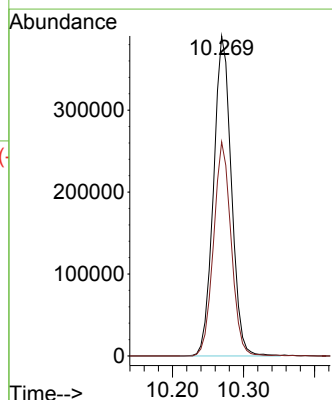
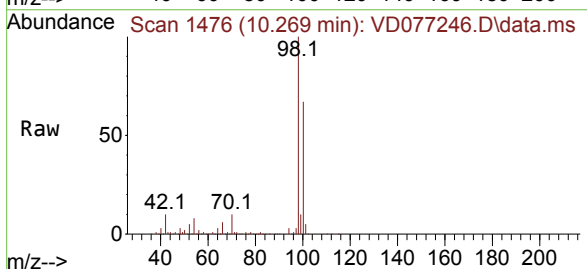
Acq: 29 Sep 2023 15:20

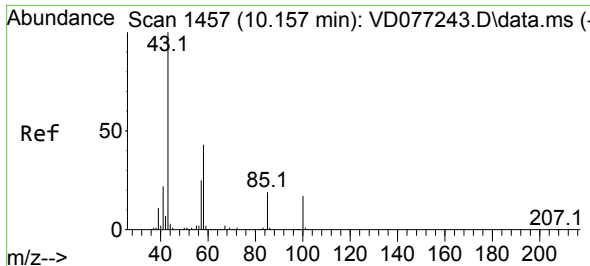
Tgt Ion: 98 Resp: 679911

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5

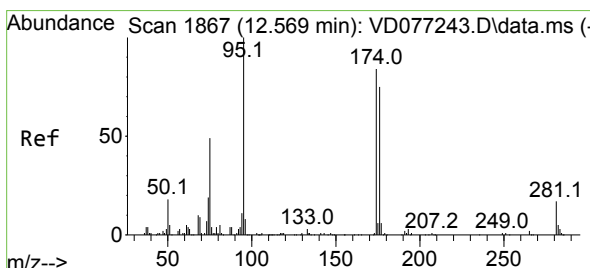
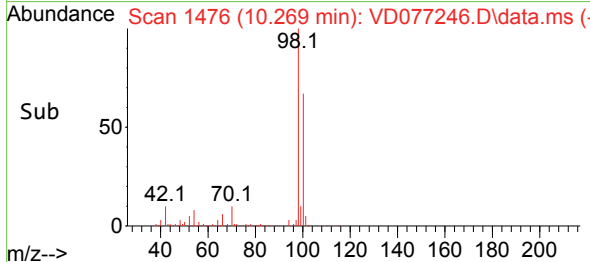
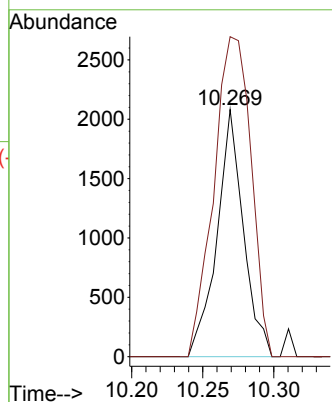
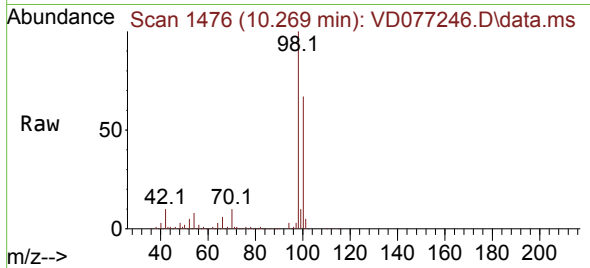




#51
4-Methyl-2-Pentanone
Concen: 1.330 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD077246.D
Acq: 29 Sep 2023 15:20

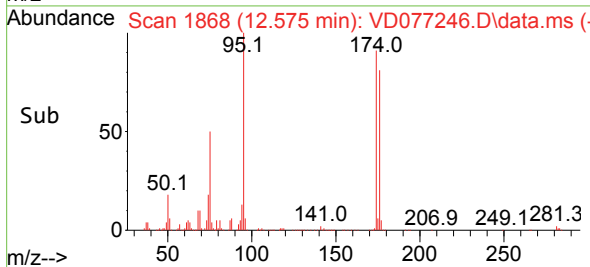
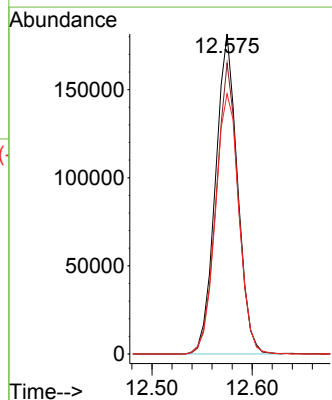
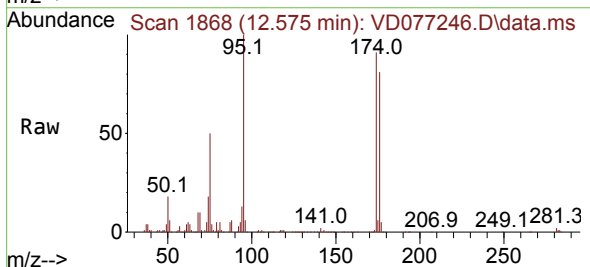
Instrument :
MSVOA_D
ClientSampleId :

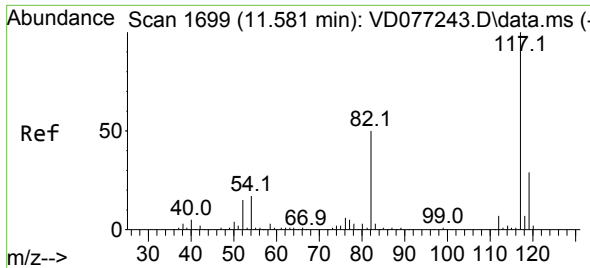
Tgt Ion: 43 Resp: 2698
Ion Ratio Lower Upper
43 100
58 182.5 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 68.846 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077246.D
Acq: 29 Sep 2023 15:20

Tgt Ion: 95 Resp: 276922
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 86.9 0.0 191.8

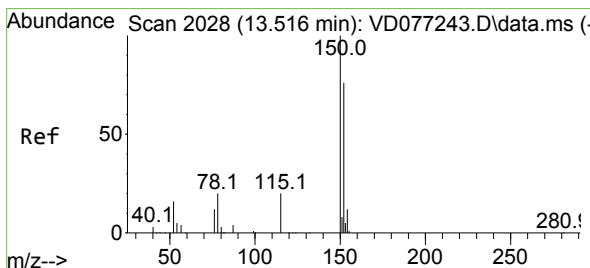
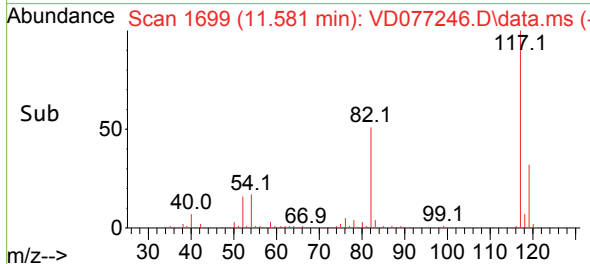
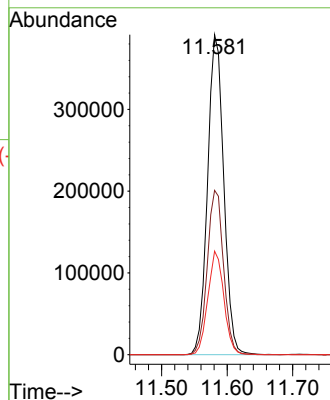
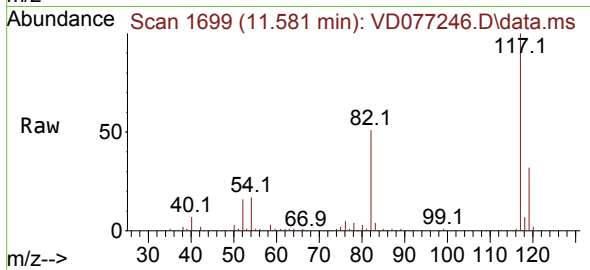




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077246.D
Acq: 29 Sep 2023 15:20

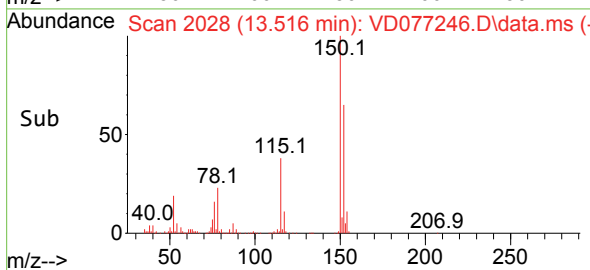
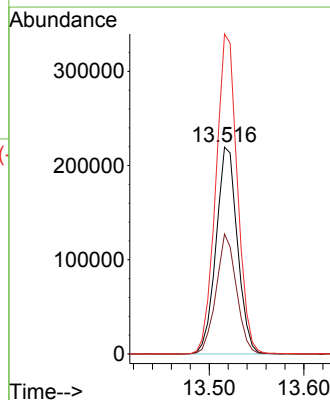
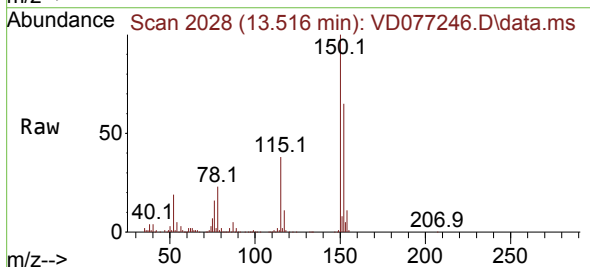
Instrument :
MSVOA_D
ClientSampleId :

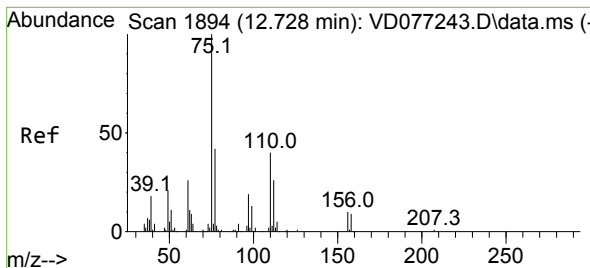
Tgt Ion:117 Resp: 672406
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077246.D
Acq: 29 Sep 2023 15:20

Tgt Ion:152 Resp: 344150
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 155.3 0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 51.639 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD077246.D

Acq: 29 Sep 2023 15:20

Instrument :

MSVOA_D

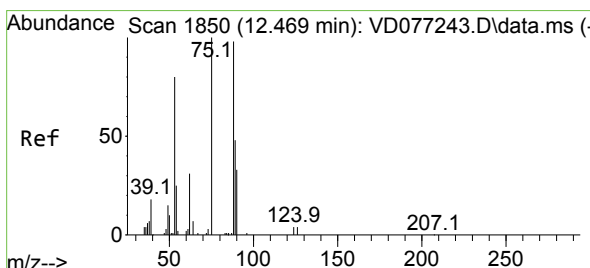
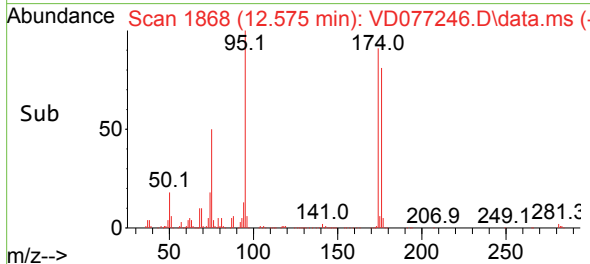
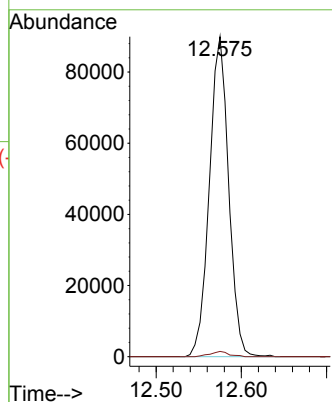
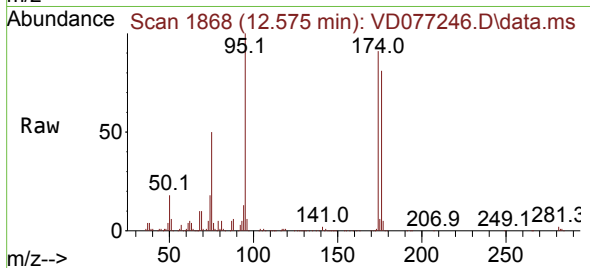
ClientSampleId :

Tgt Ion: 75 Resp: 141760

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.743 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD077246.D

Acq: 29 Sep 2023 15:20

Tgt Ion: 75 Resp: 141760

Ion Ratio Lower Upper

75 100

53 0.1 63.0 94.4#

89 0.0 37.9 56.9#

