

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078144.D
 Acq On : 11 Jan 2024 10:32
 Operator : RP/MD
 Sample : VD0111SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

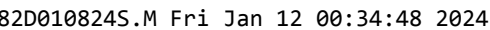
Quant Time: Jan 12 00:34:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

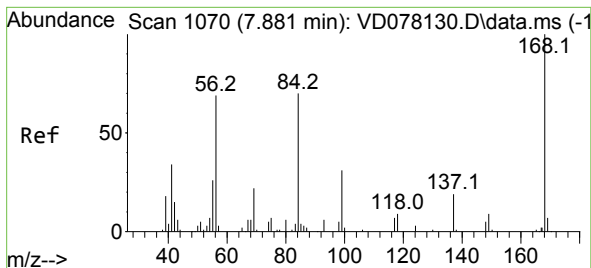
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	141769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	285026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	129237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79595	53.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.810	113	91424	44.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.020%	
50) Toluene-d8	10.269	98	366353	53.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.575	95	110989	46.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.560%	
Target Compounds						
2) Dichlorodifluoromethane	1.687	85	60	Below Cal	#	Qvalue 43
16) Acetone	4.022	43	133	Below Cal	#	32
20) Methylene Chloride	4.805	84	4873	Below Cal	#	92
31) Cyclohexane	7.875	56	3243	1.436	ug/l #	10
36) 1,1-Dichloropropene	7.875	75	11812	4.259	ug/l #	47
38) Carbon Tetrachloride	7.881	117	14075	4.406	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	60062	47.204	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	60062	105.197	ug/l #	17

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

Quant Time: Jan 12 00:34:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

Instrument :

MSVOA_D

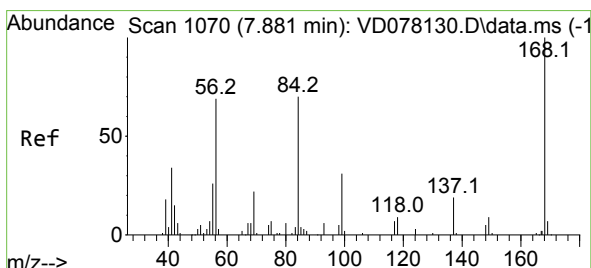
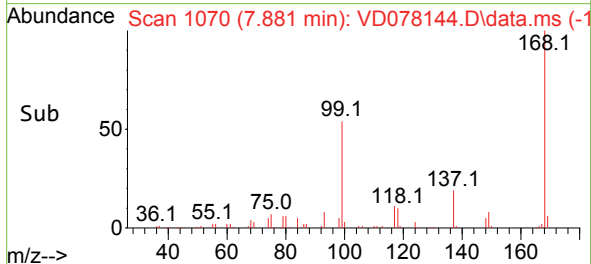
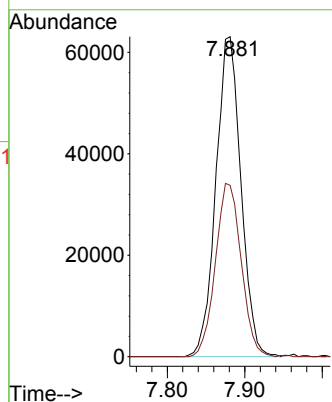
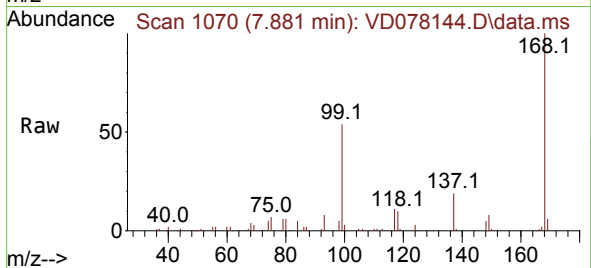
ClientSampleId :

Tgt Ion:168 Resp: 141769

Ion Ratio Lower Upper

168 100

99 53.5 36.7 55.1



#31

Cyclohexane

Concen: 1.436 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

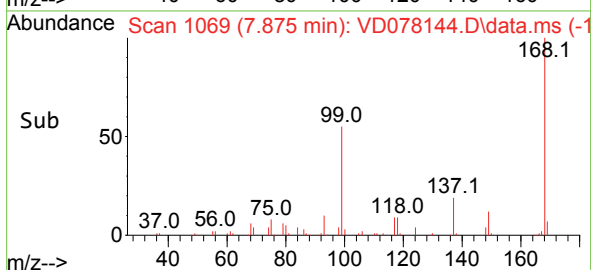
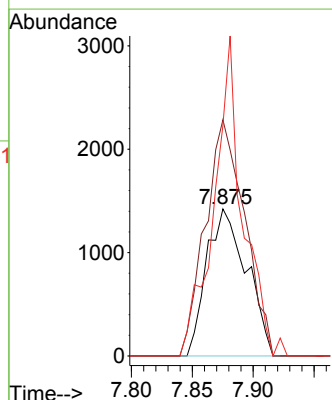
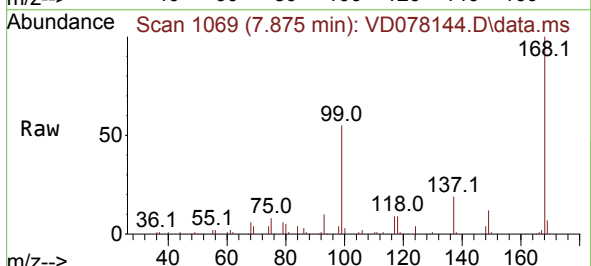
Tgt Ion: 56 Resp: 3243

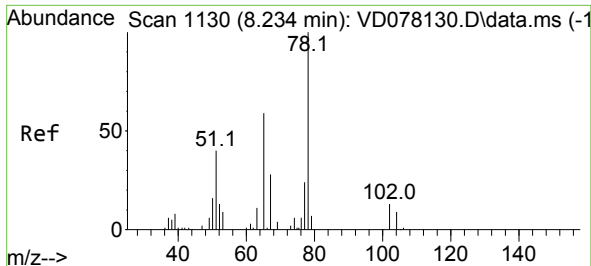
Ion Ratio Lower Upper

56 100

69 160.6 28.6 43.0#

84 156.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 53.329 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

Instrument :

MSVOA_D

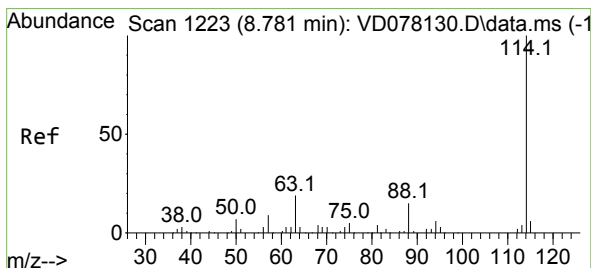
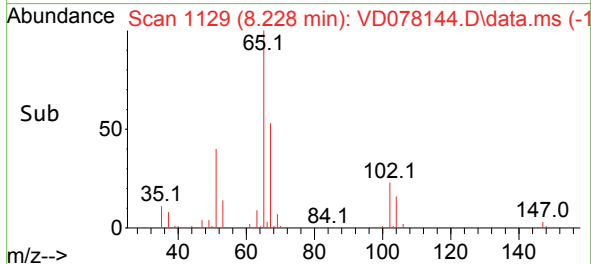
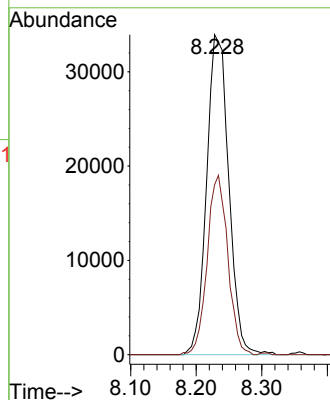
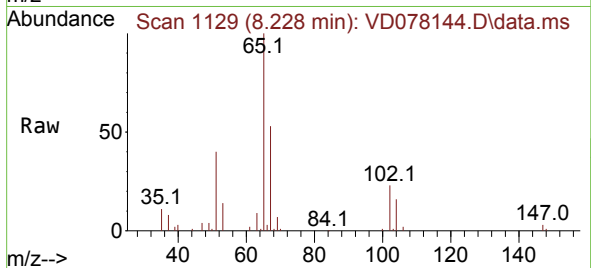
ClientSampleId :

Tgt Ion: 65 Resp: 79595

Ion Ratio Lower Upper

65 100

67 52.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

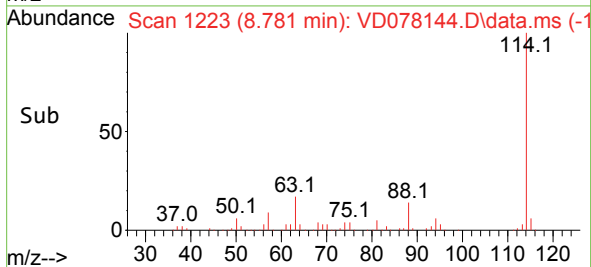
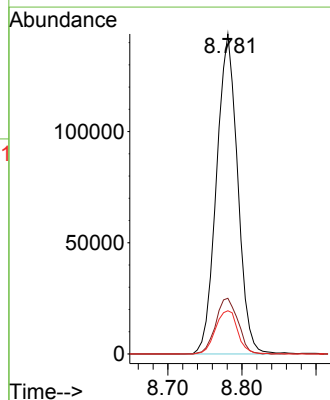
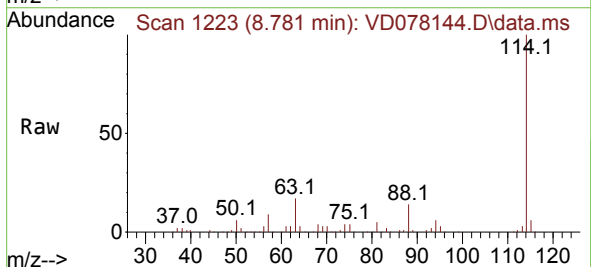
Tgt Ion: 114 Resp: 285026

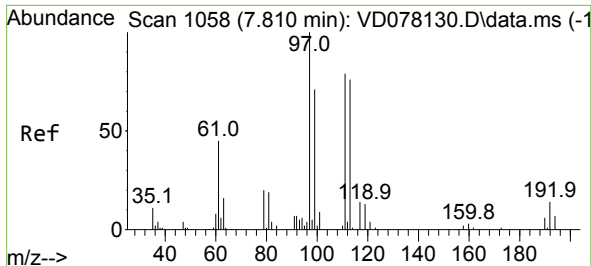
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.506 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

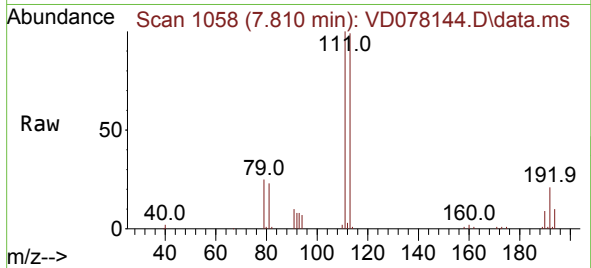
Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

Instrument :

MSVOA_D

ClientSampleId :



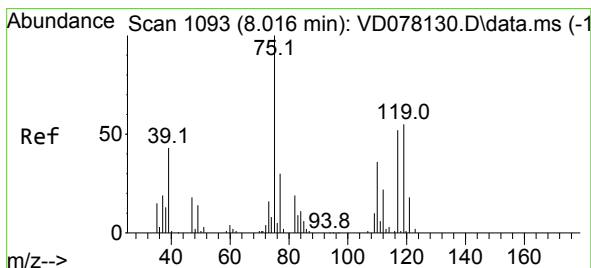
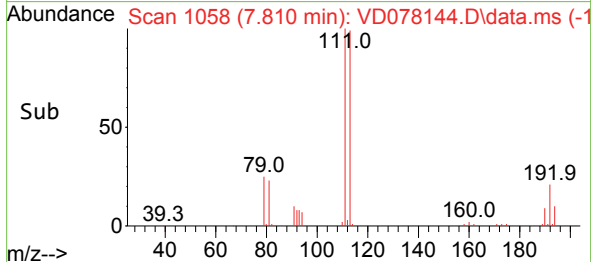
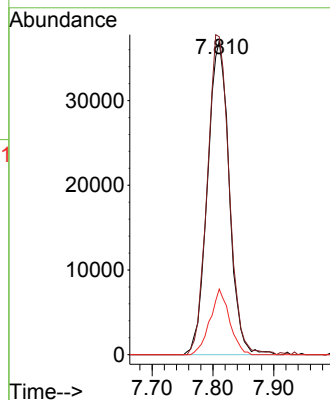
Tgt Ion:113 Resp: 91424

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 18.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.259 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.141 min

Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

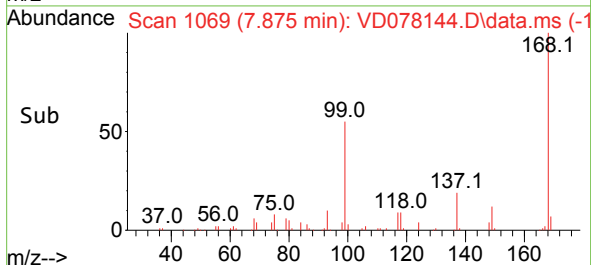
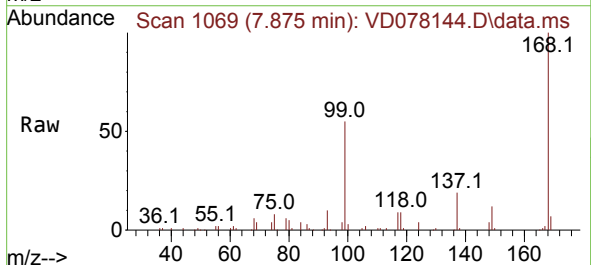
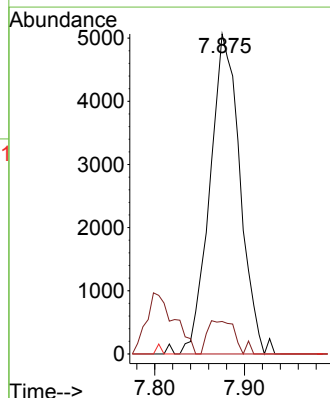
Tgt Ion: 75 Resp: 11812

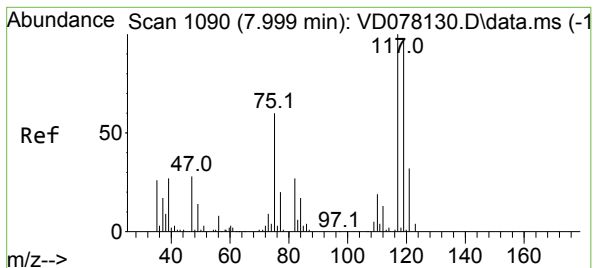
Ion Ratio Lower Upper

75 100

110 9.0 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.406 ug/l

RT: 7.881 min Scan# 1090

Delta R.T. -0.118 min

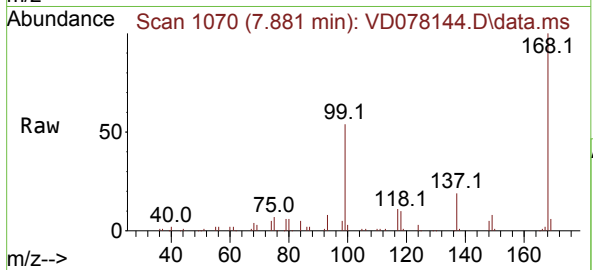
Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

Instrument :

MSVOA_D

ClientSampleId :



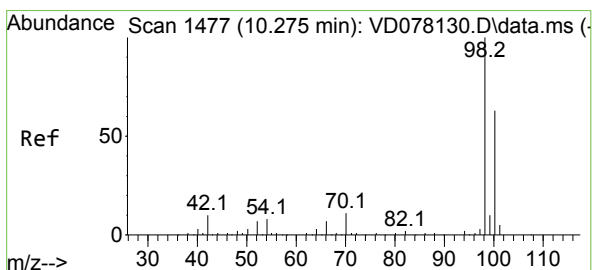
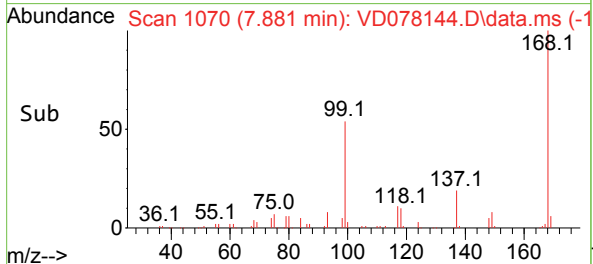
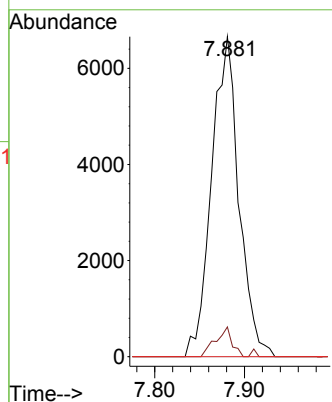
Tgt Ion:117 Resp: 14075

Ion Ratio Lower Upper

117 100

119 9.3 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 53.179 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078144.D

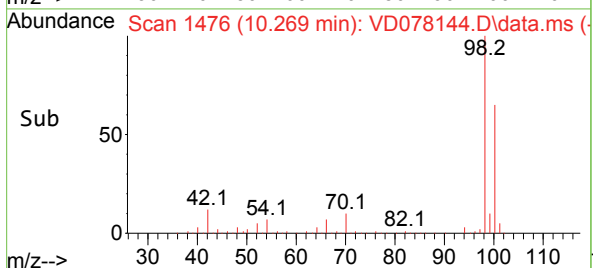
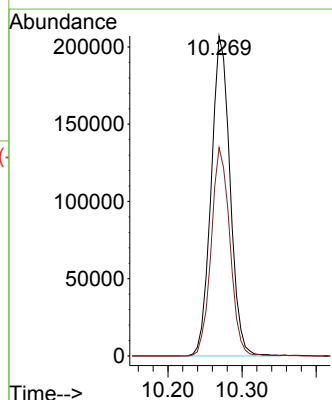
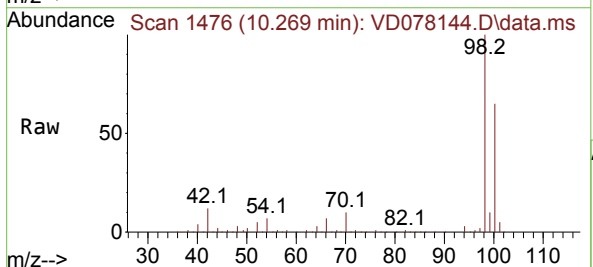
Acq: 11 Jan 2024 10:32

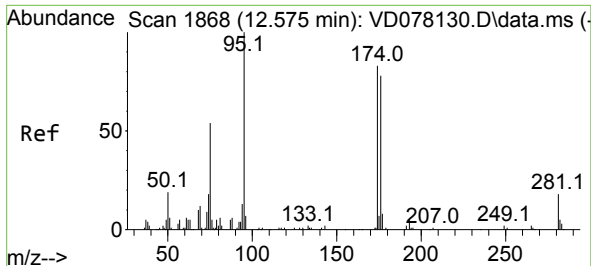
Tgt Ion: 98 Resp: 366353

Ion Ratio Lower Upper

98 100

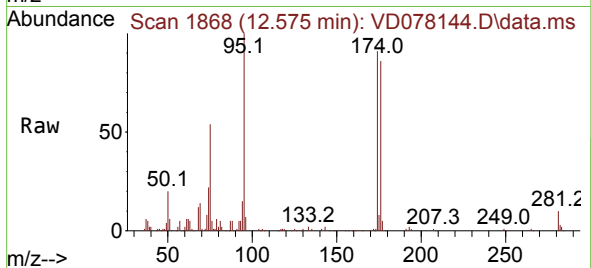
100 64.3 50.3 75.5



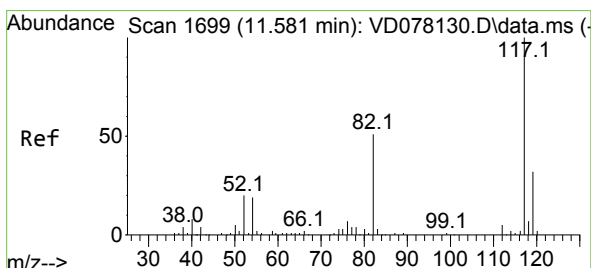
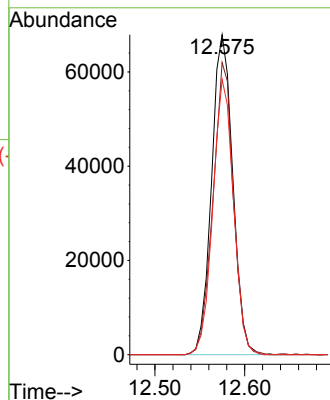
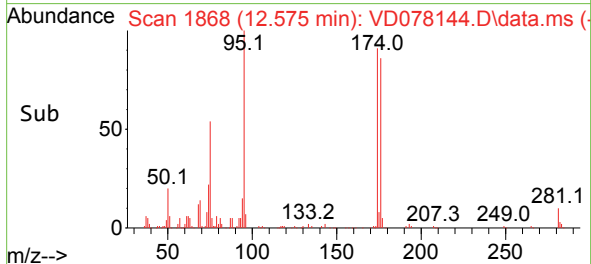


#62
4-Bromofluorobenzene
Concen: 46.281 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078144.D
Acq: 11 Jan 2024 10:32

Instrument :
MSVOA_D
ClientSampleId :

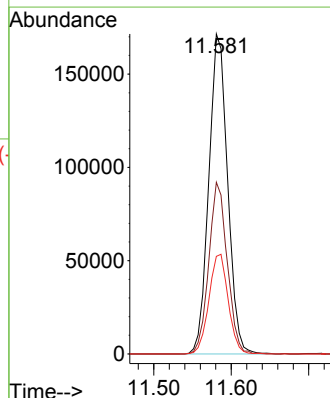
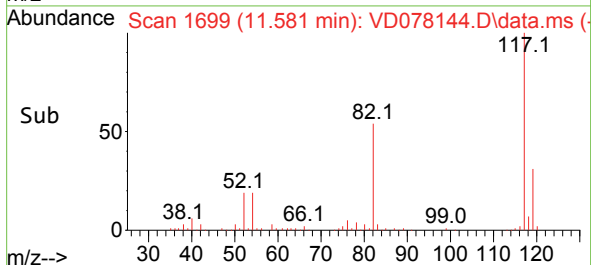
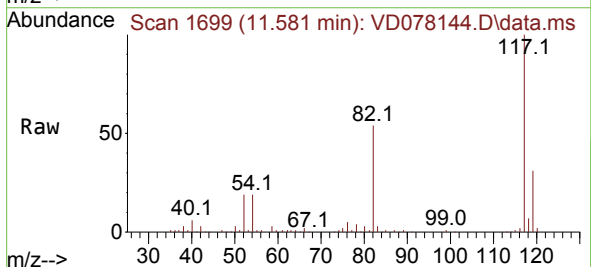


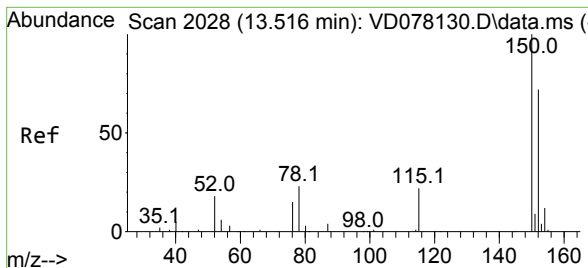
Tgt Ion: 95 Resp: 110989
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 84.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078144.D
Acq: 11 Jan 2024 10:32

Tgt Ion: 117 Resp: 288945
Ion Ratio Lower Upper
117 100
82 53.7 38.3 57.5
119 30.5 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD078144.D

Acq: 11 Jan 2024 10:32

Instrument :

MSVOA_D

ClientSampleId :

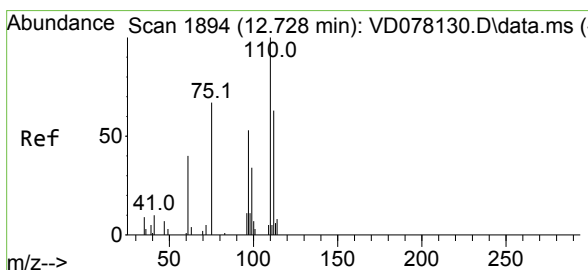
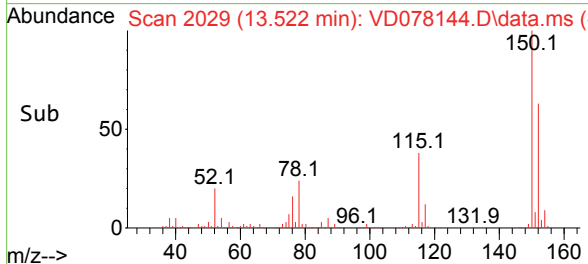
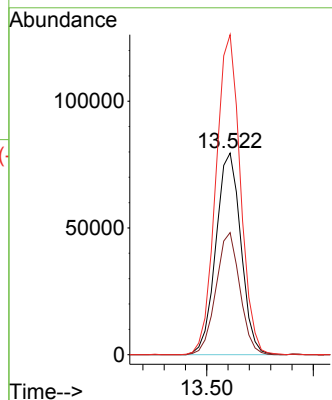
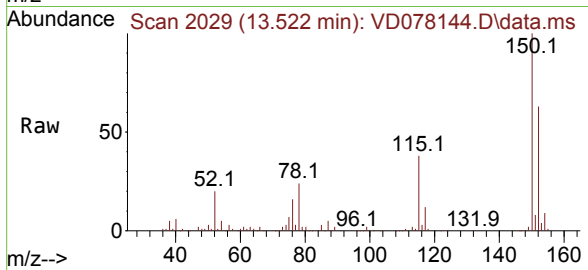
Tgt Ion:152 Resp: 129237

Ion Ratio Lower Upper

152 100

115 58.0 27.1 81.3

150 156.0 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 47.204 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD078144.D

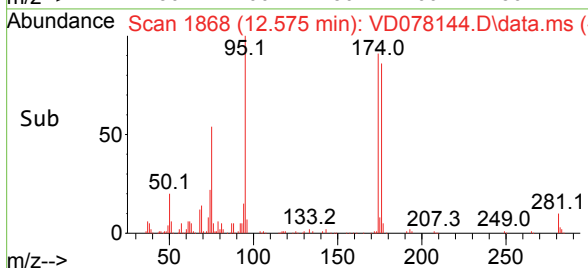
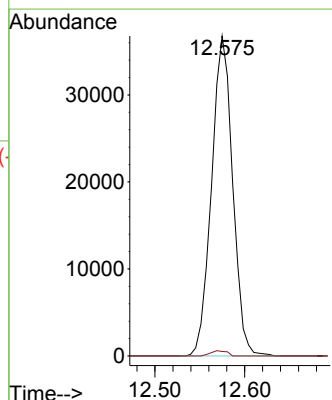
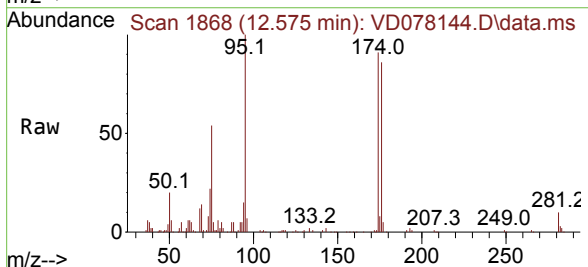
Acq: 11 Jan 2024 10:32

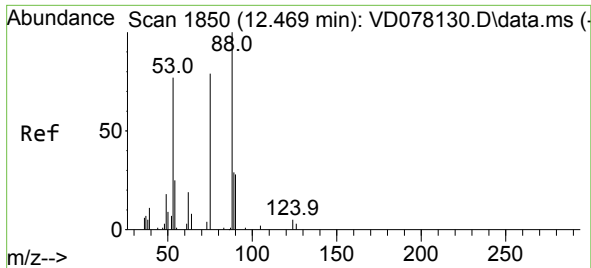
Tgt Ion: 75 Resp: 60062

Ion Ratio Lower Upper

75 100

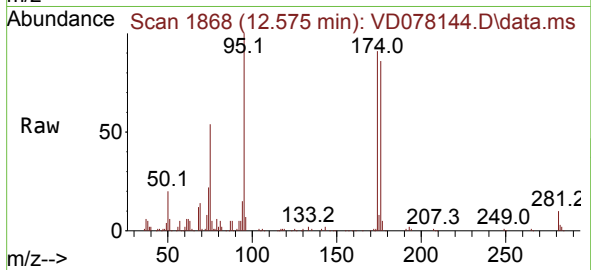
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 105.197 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078144.D
Acq: 11 Jan 2024 10:32

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	60062
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.2	37.9	56.9#

