

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078779.D
 Acq On : 28 Mar 2024 17:24
 Operator : RP/MD
 Sample : P1879-04
 Misc : 4.28G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-02(2-4)

Quant Time: Mar 29 01:36:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

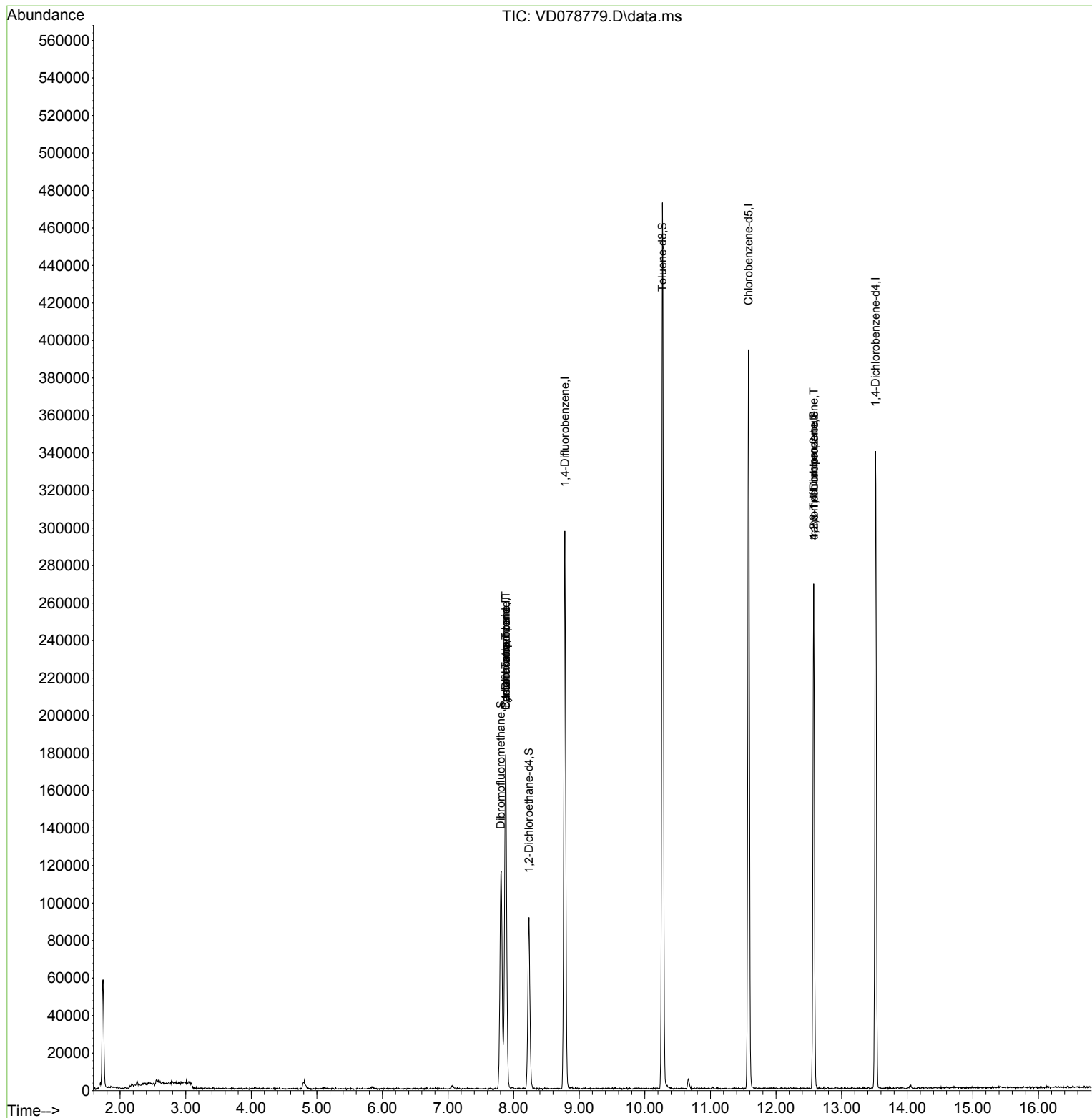
Internal Standards						
1) Pentafluorobenzene	7.881	168	140127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68668	52.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.580%	
35) Dibromofluoromethane	7.804	113	85442	49.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.660%	
50) Toluene-d8	10.269	98	331600	52.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.575	95	78154	41.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.880%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	3440	Below Cal	#	81
31) Cyclohexane	7.881	56	2850	1.291	ug/l #	56
36) 1,1-Dichloropropene	7.881	75	10278	4.090	ug/l #	48
38) Carbon Tetrachloride	7.881	117	13952	5.266	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	39811	55.167	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	39811	115.640	ug/l #	19

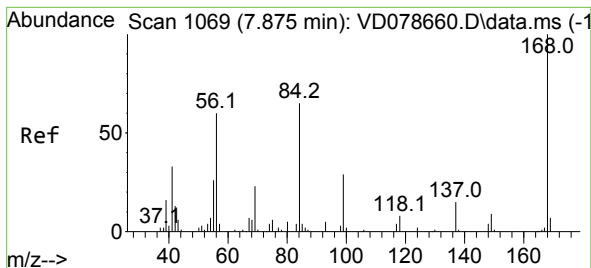
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
Data File : VD078779.D
Acq On : 28 Mar 2024 17:24
Operator : RP/MD
Sample : P1879-04
Misc : 4.28G/5ml/MSVOA_D/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EB-02(2-4)

Quant Time: Mar 29 01:36:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

Instrument :

MSVOA_D

ClientSampleId :

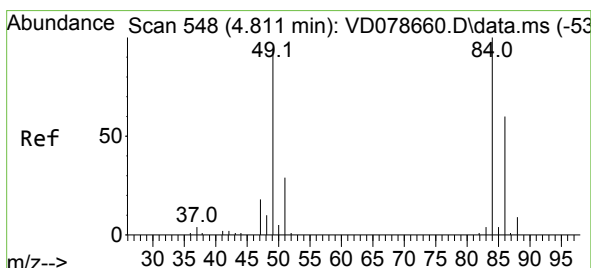
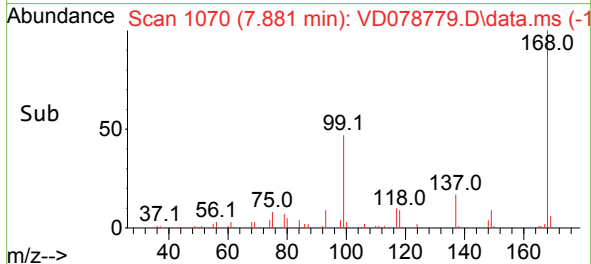
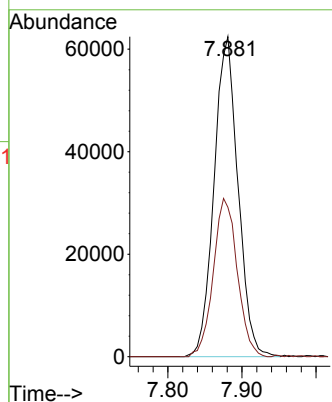
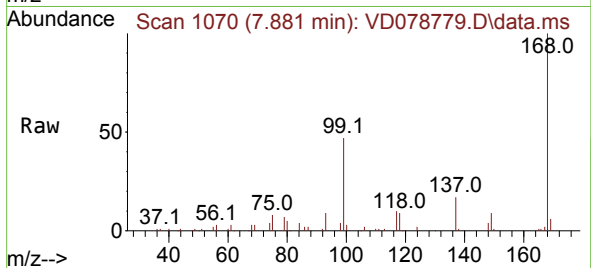
EB-02(2-4)

Tgt Ion:168 Resp: 140127

Ion Ratio Lower Upper

168 100

99 46.7 38.8 58.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 545

Delta R.T. -0.018 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

Tgt Ion: 84 Resp: 3440

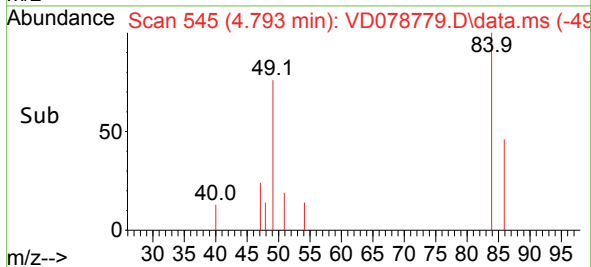
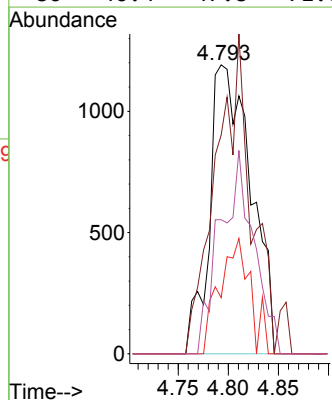
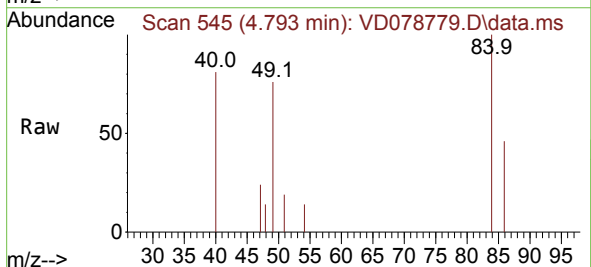
Ion Ratio Lower Upper

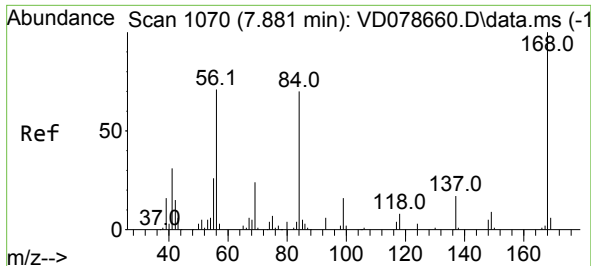
84 100

49 75.7 75.6 113.4

51 19.5 23.4 35.0#

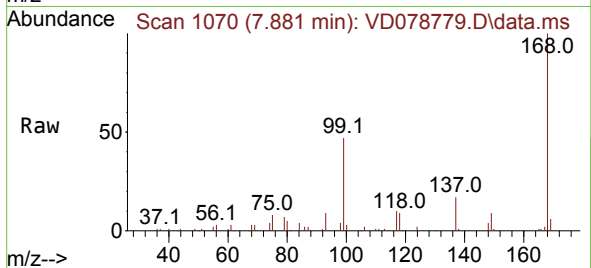
86 46.4 47.8 71.6#



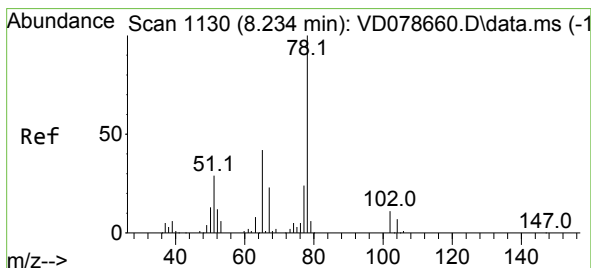
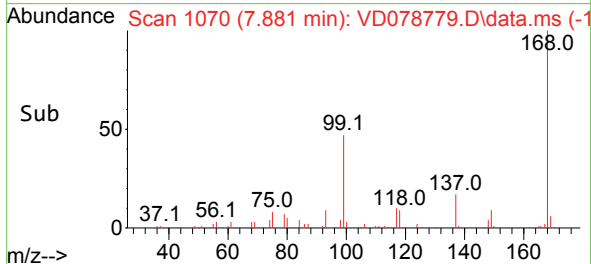
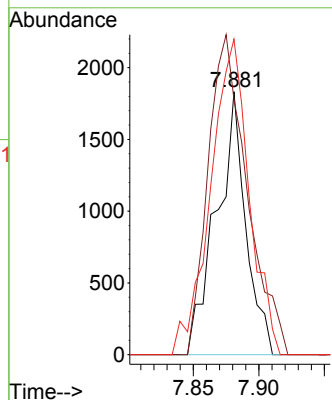


#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Instrument :
MSVOA_D
ClientSampleId :
EB-02(2-4)

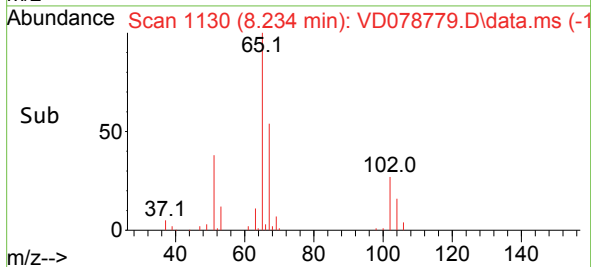
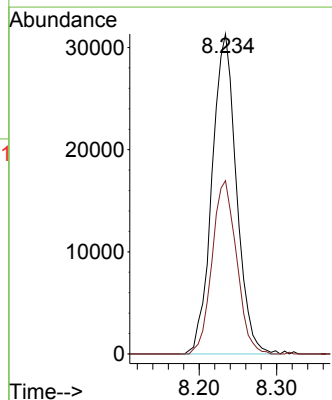
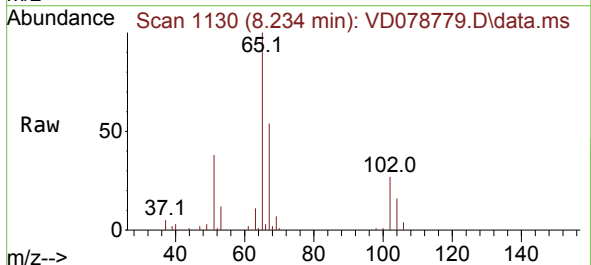


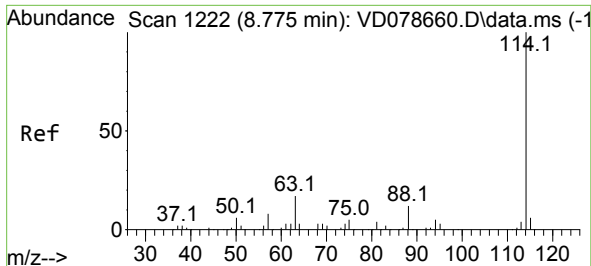
Tgt Ion: 56 Resp: 2850
Ion Ratio Lower Upper
56 100
69 97.1 26.6 40.0#
84 120.0 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 52.290 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Tgt Ion: 65 Resp: 68668
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

Instrument :

MSVOA_D

ClientSampleId :

EB-02(2-4)

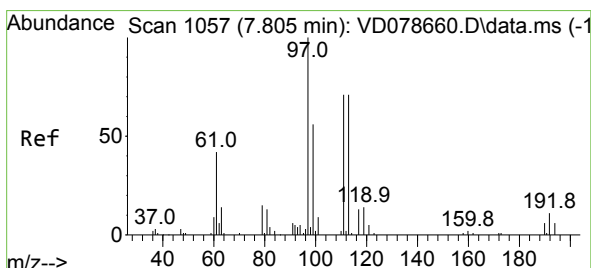
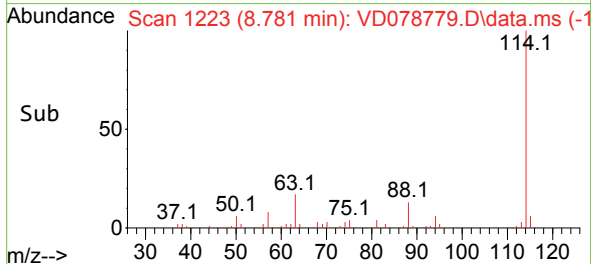
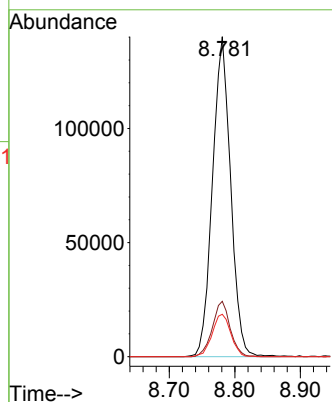
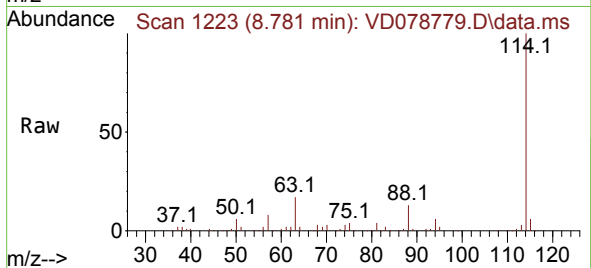
Tgt Ion:114 Resp: 269023

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 49.329 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

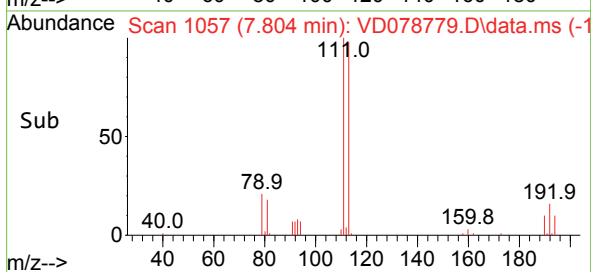
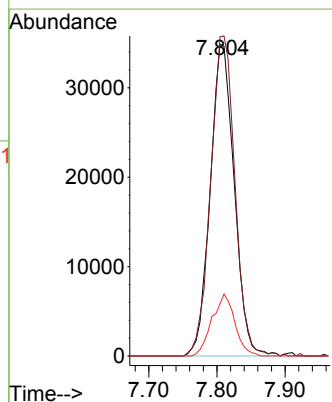
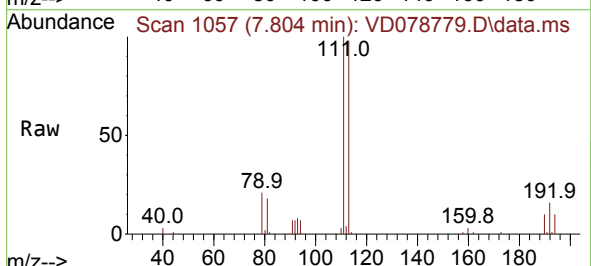
Tgt Ion:113 Resp: 85442

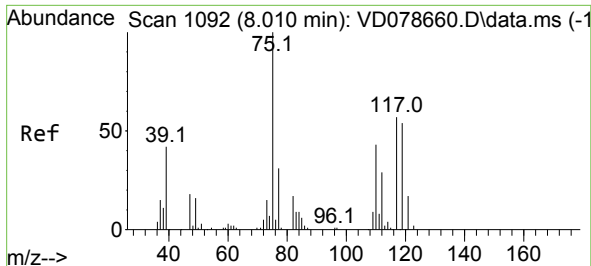
Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 18.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.090 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

Instrument :

MSVOA_D

ClientSampleId :

EB-02(2-4)

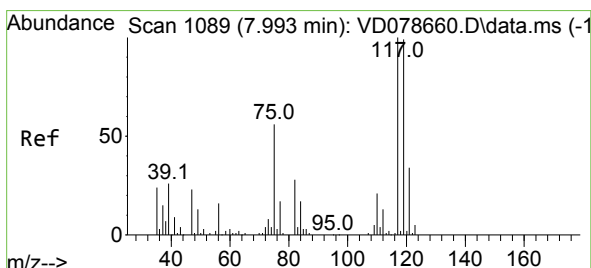
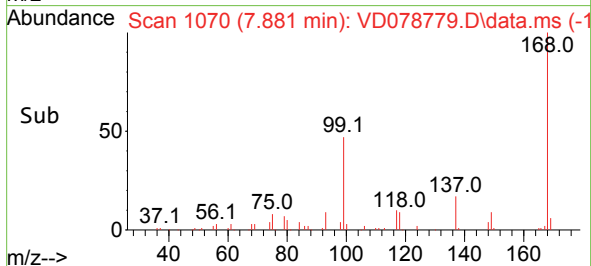
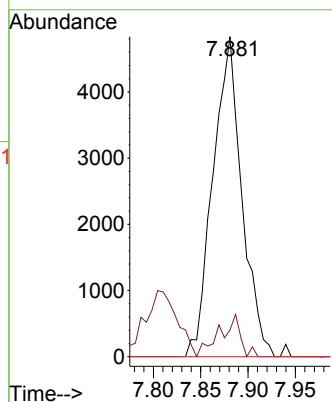
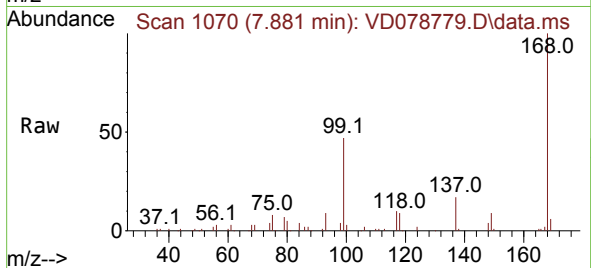
Tgt Ion: 75 Resp: 10278

Ion Ratio Lower Upper

75 100

110 9.6 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.266 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

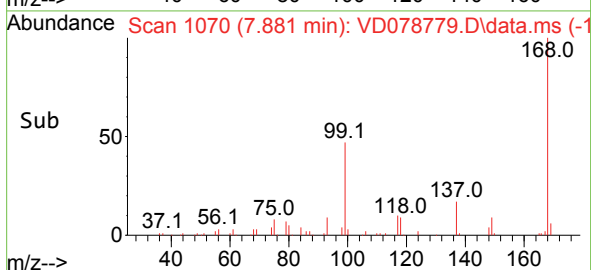
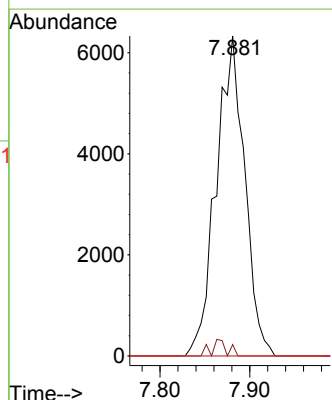
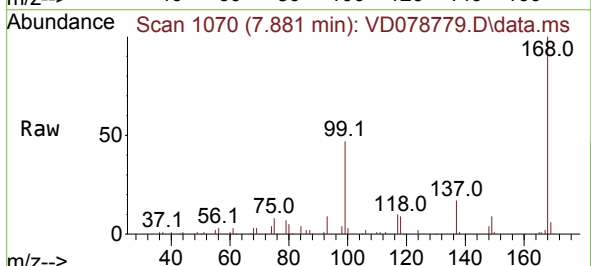
Tgt Ion: 117 Resp: 13952

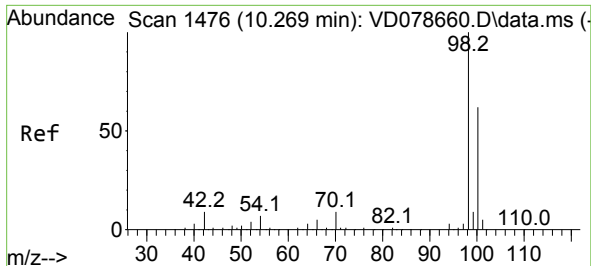
Ion Ratio Lower Upper

117 100

119 3.6 79.2 118.8#

121 0.0 26.8 40.2#

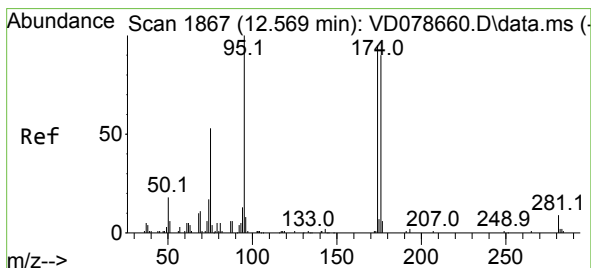
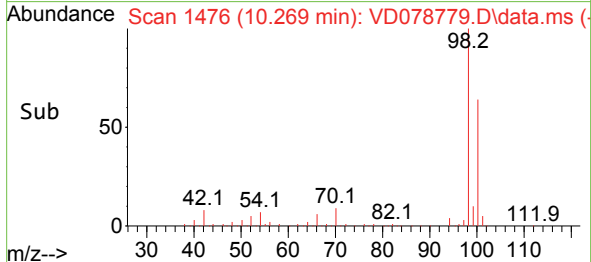
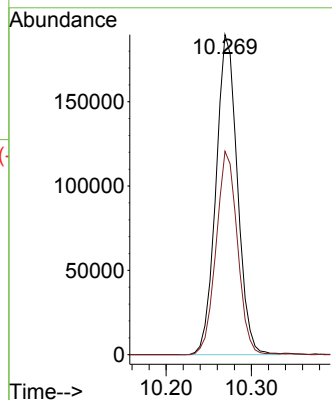
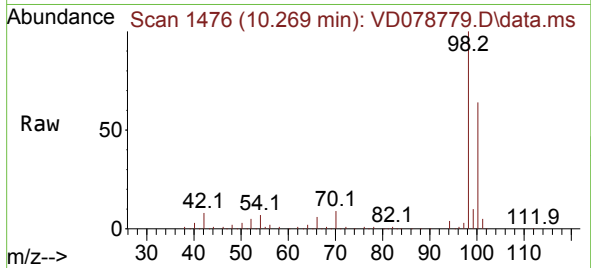




#50
Toluene-d8
Concen: 52.055 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

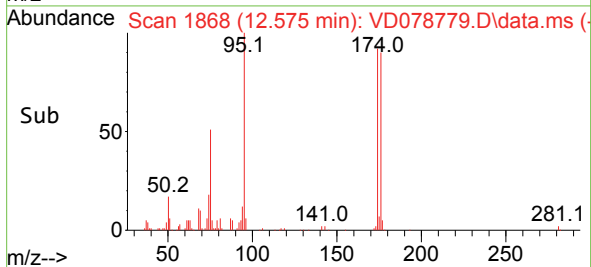
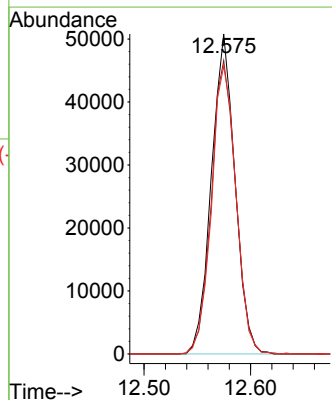
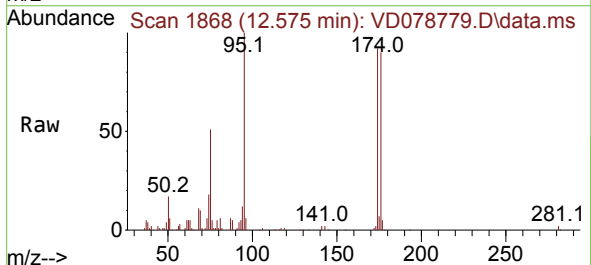
Instrument :
MSVOA_D
ClientSampleId :
EB-02(2-4)

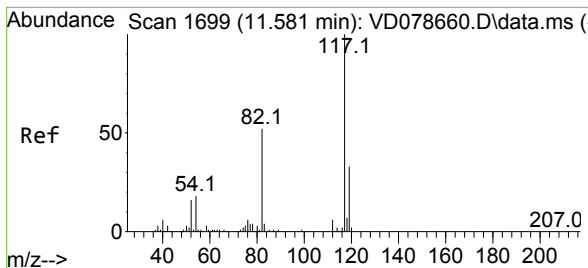
Tgt Ion: 98 Resp: 331600
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.937 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Tgt Ion: 95 Resp: 78154
Ion Ratio Lower Upper
95 100
174 94.7 0.0 195.2
176 93.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

Instrument :

MSVOA_D

ClientSampleId :

EB-02(2-4)

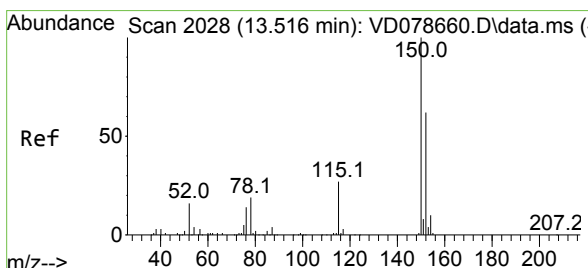
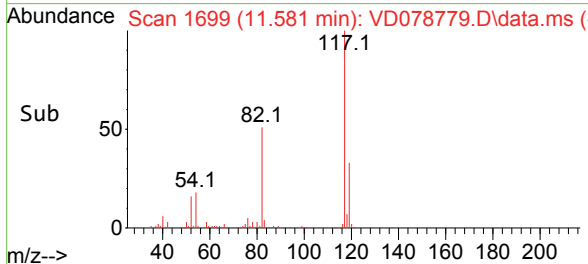
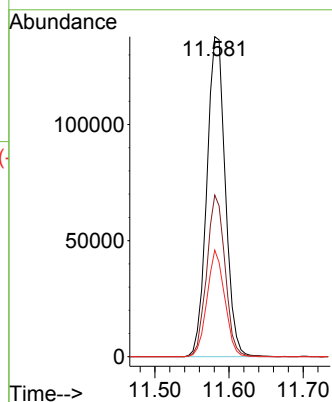
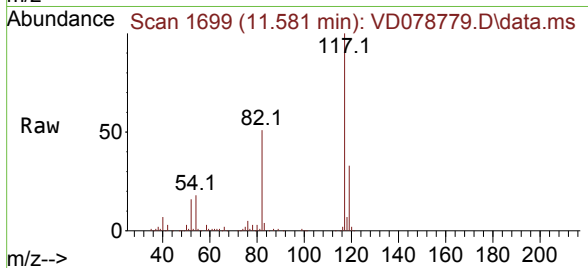
Tgt Ion:117 Resp: 238311

Ion Ratio Lower Upper

117 100

82 50.5 41.4 62.2

119 33.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

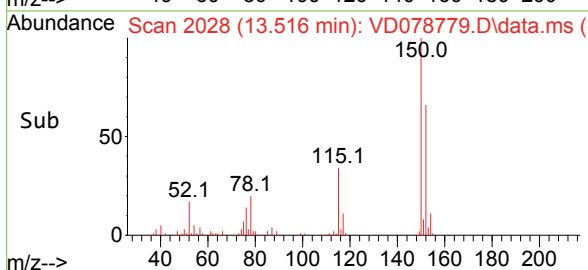
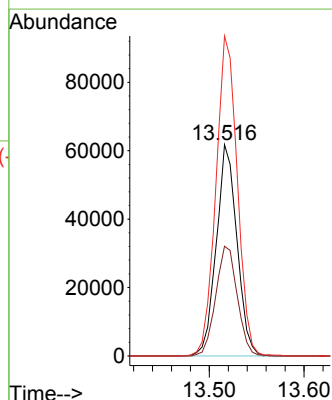
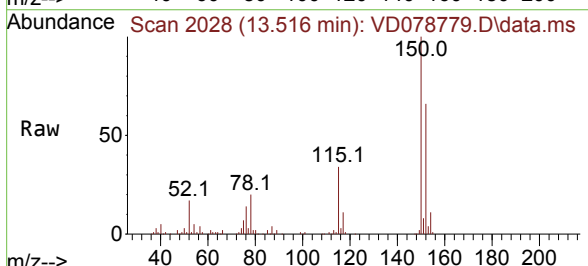
Tgt Ion:152 Resp: 93666

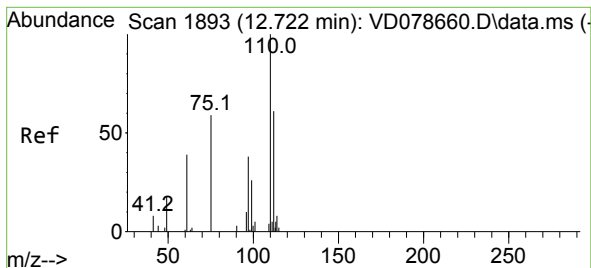
Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.2

150 156.5 0.0 350.2





#76

1,2,3-Trichloropropane

Concen: 55.167 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

Instrument :

MSVOA_D

ClientSampleId :

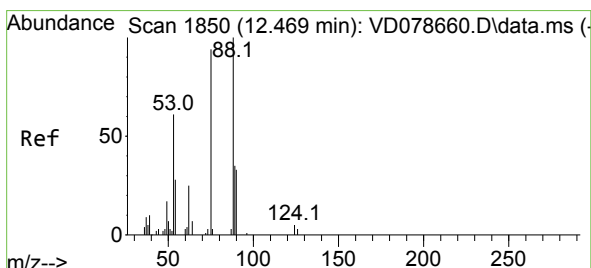
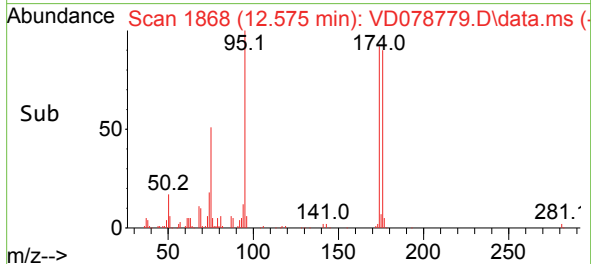
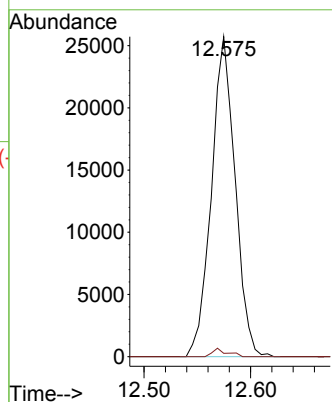
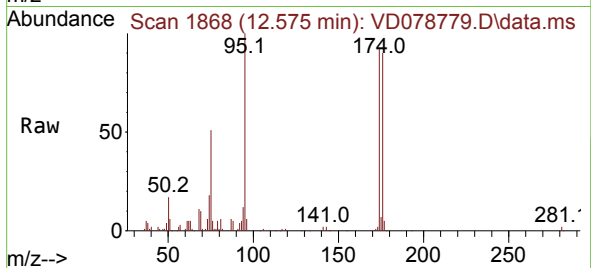
EB-02(2-4)

Tgt Ion: 75 Resp: 39811

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.640 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078779.D

Acq: 28 Mar 2024 17:24

Tgt Ion: 75 Resp: 39811

Ion Ratio Lower Upper

75 100

53 0.2 61.0 91.6#

89 0.0 35.4 53.0#

