

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078781.D
 Acq On : 28 Mar 2024 18:19
 Operator : RP/MD
 Sample : P1879-06
 Misc : 4.77G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-03(2-4)

Quant Time: Mar 29 01:37:26 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)

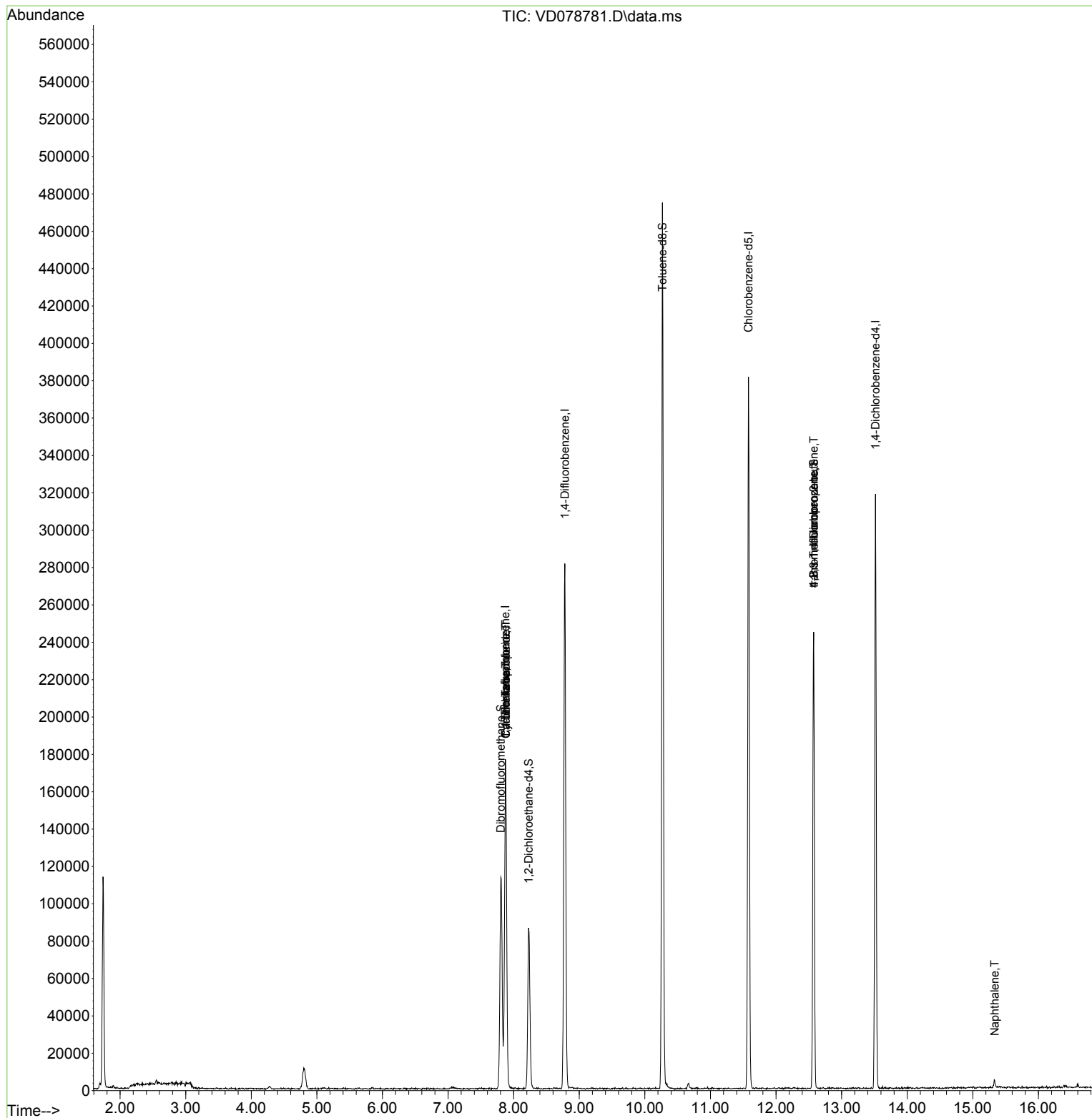
Internal Standards						
1) Pentafluorobenzene	7.875	168	135360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68842	54.269	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.540%		
35) Dibromofluoromethane	7.804	113	82522	48.862	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 97.720%		
50) Toluene-d8	10.269	98	320456	51.593	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 103.180%		
62) 4-Bromofluorobenzene	12.575	95	72792	40.059	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 80.120%		
Target Compounds						
					Qvalue	
31) Cyclohexane	7.881	56	2992	1.403	ug/l #	18
36) 1,1-Dichloropropene	7.881	75	9605	3.920	ug/l #	47
38) Carbon Tetrachloride	7.881	117	14464	5.599	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	38204	56.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38204	118.868	ug/l #	19
95) Naphthalene	15.333	128	4020	1.527	ug/l #	85

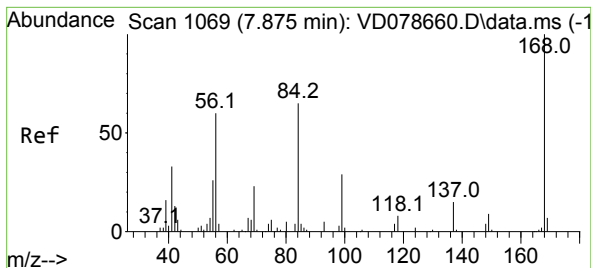
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078781.D

Acq: 28 Mar 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

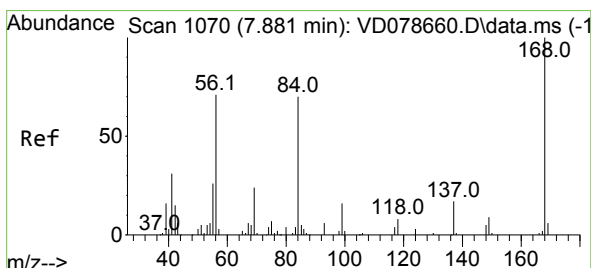
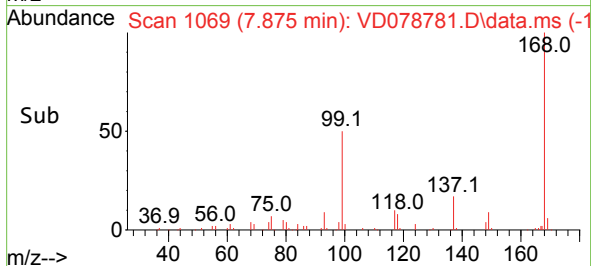
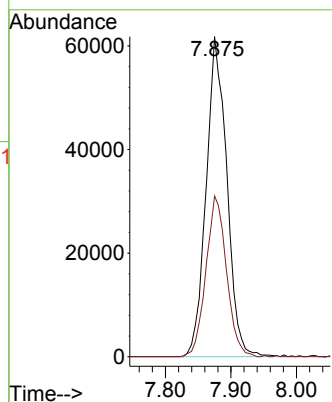
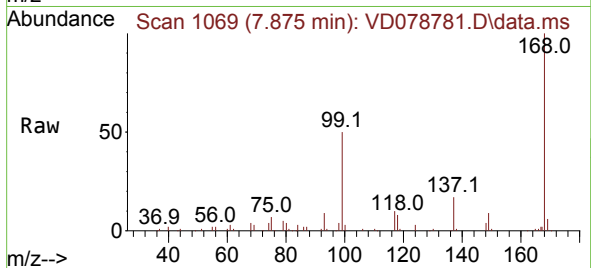
EB-03(2-4)

Tgt Ion:168 Resp: 135360

Ion Ratio Lower Upper

168 100

99 50.2 38.8 58.2



#31

Cyclohexane

Concen: 1.403 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078781.D

Acq: 28 Mar 2024 18:19

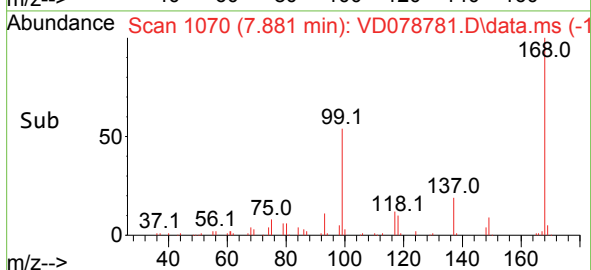
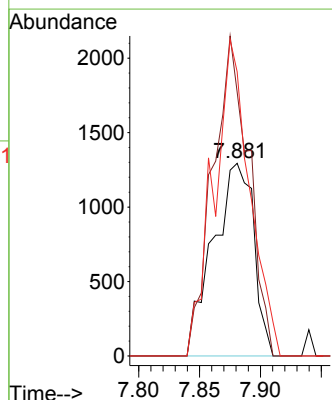
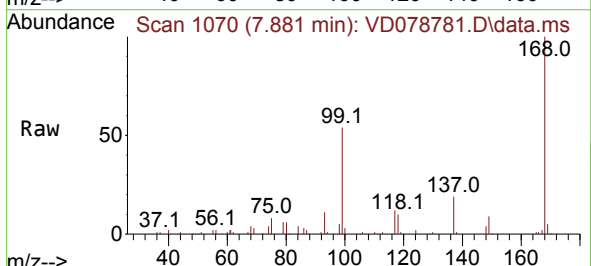
Tgt Ion: 56 Resp: 2992

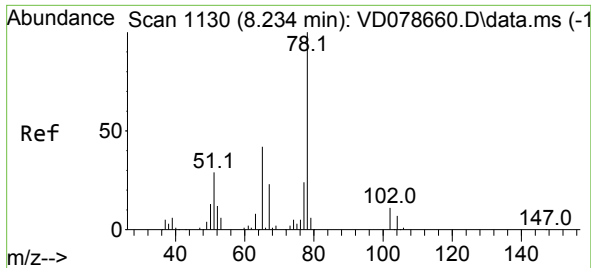
Ion Ratio Lower Upper

56 100

69 136.9 26.6 40.0#

84 147.4 79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 54.269 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078781.D

Acq: 28 Mar 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

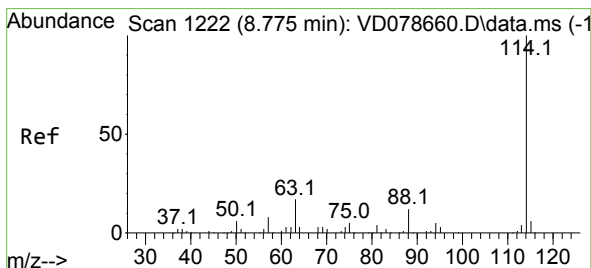
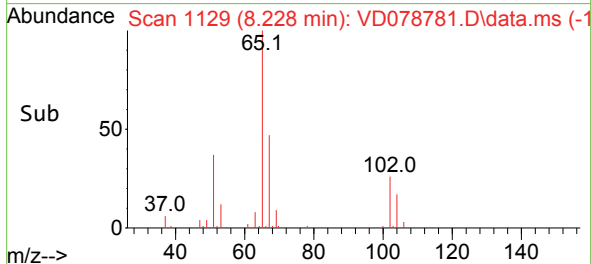
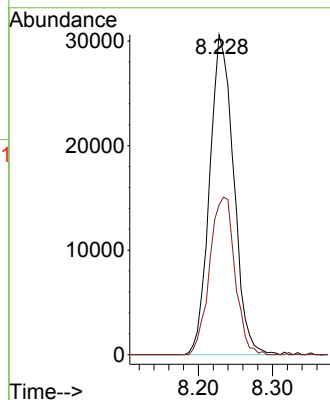
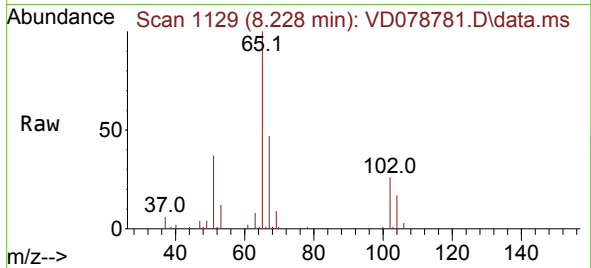
EB-03(2-4)

Tgt Ion: 65 Resp: 68842

Ion Ratio Lower Upper

65 100

67 51.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078781.D

Acq: 28 Mar 2024 18:19

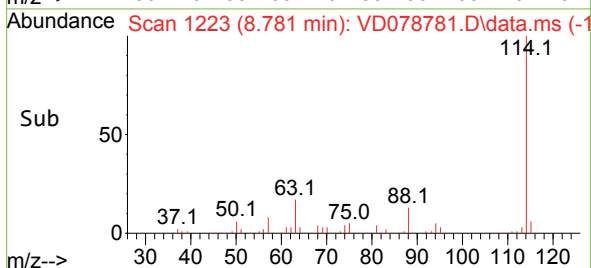
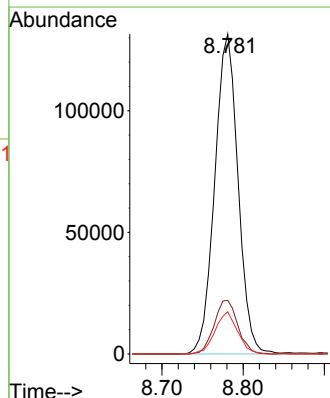
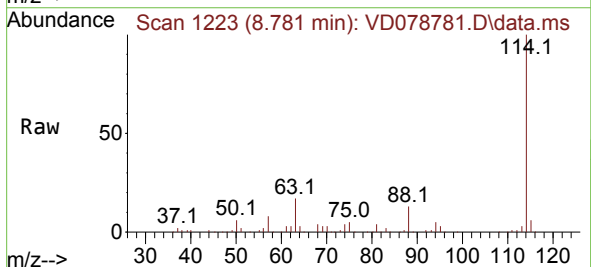
Tgt Ion: 114 Resp: 262312

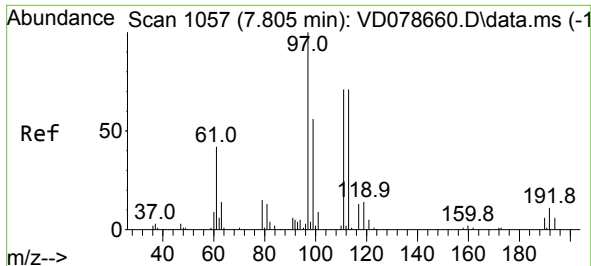
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.2 0.0 24.6





#35

Dibromofluoromethane

Concen: 48.862 ug/l

RT: 7.804 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078781.D

Acq: 28 Mar 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

EB-03(2-4)

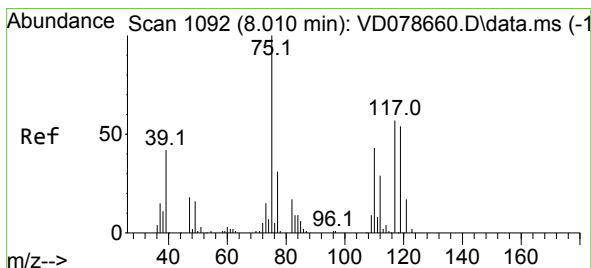
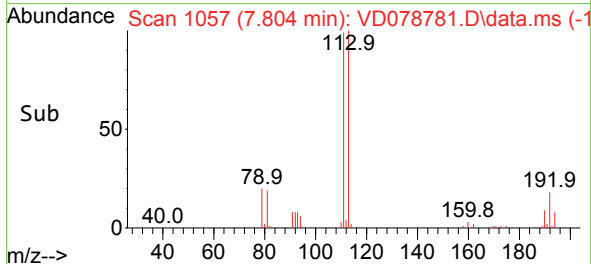
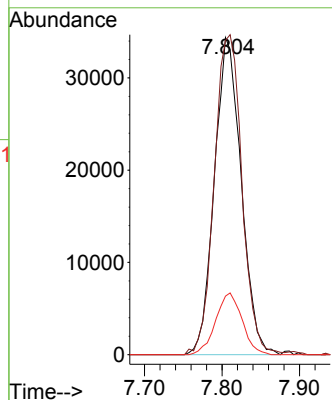
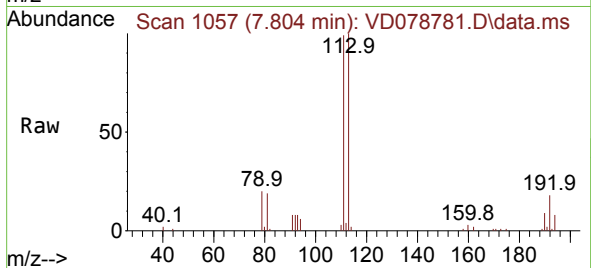
Tgt Ion:113 Resp: 82522

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

192 19.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 3.920 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD078781.D

Acq: 28 Mar 2024 18:19

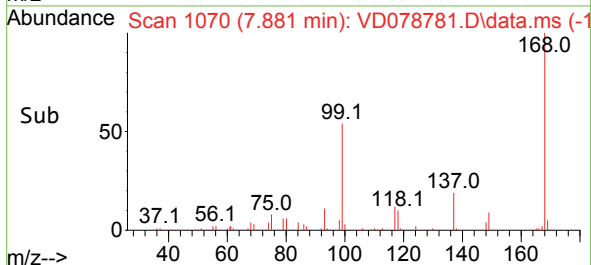
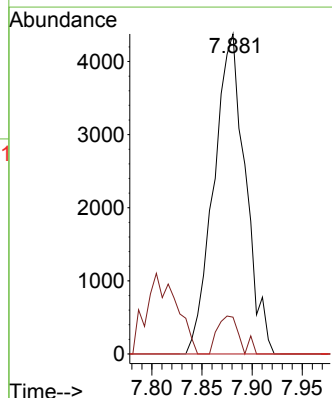
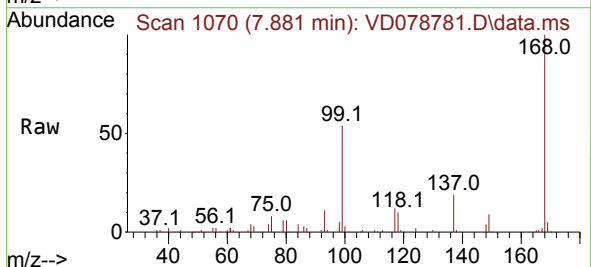
Tgt Ion: 75 Resp: 9605

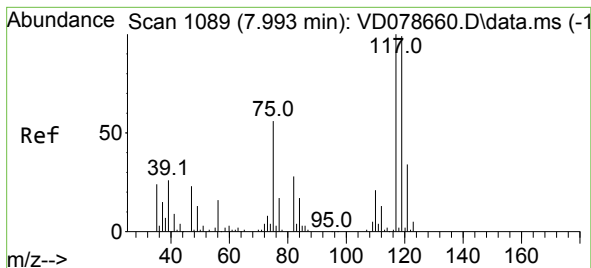
Ion Ratio Lower Upper

75 100

110 8.4 19.1 57.1#

77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.599 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.112 min

Lab File: VD078781.D

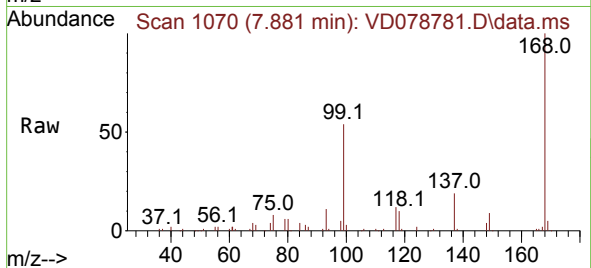
Acq: 28 Mar 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

EB-03(2-4)



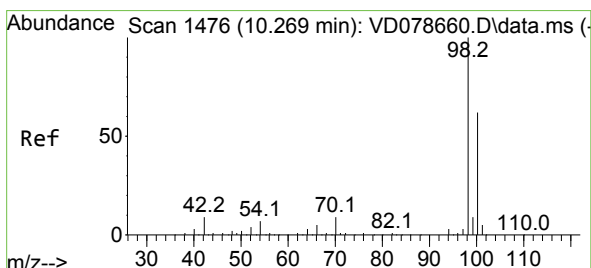
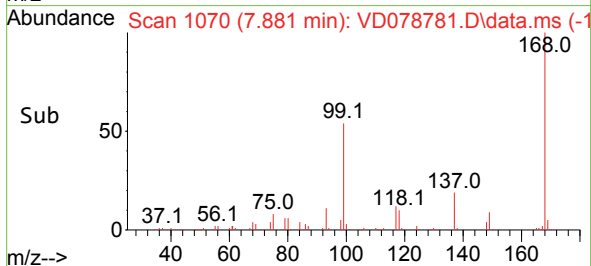
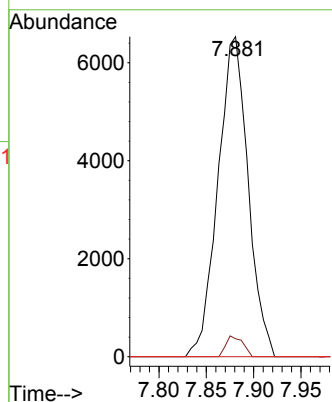
Tgt Ion:117 Resp: 14464

Ion Ratio Lower Upper

117 100

119 5.6 79.2 118.8#

121 0.0 26.8 40.2#



#50

Toluene-d8

Concen: 51.593 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078781.D

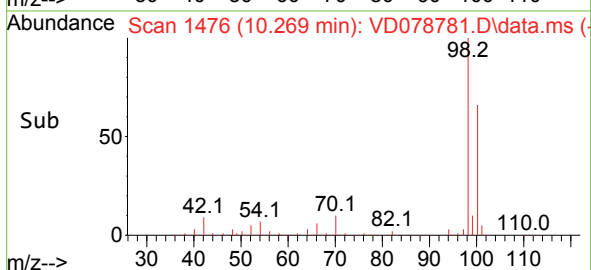
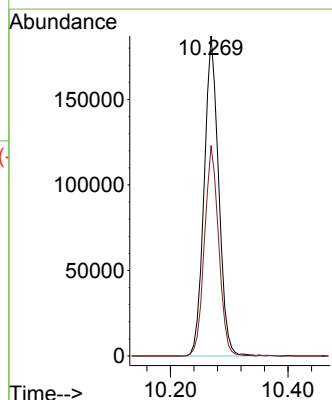
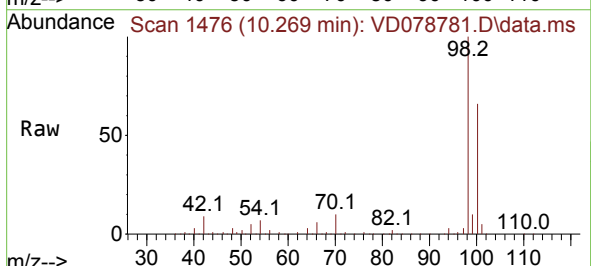
Acq: 28 Mar 2024 18:19

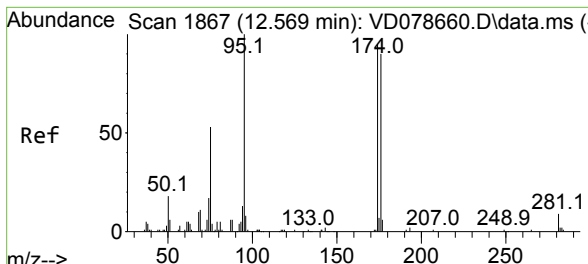
Tgt Ion: 98 Resp: 320456

Ion Ratio Lower Upper

98 100

100 64.4 50.5 75.7

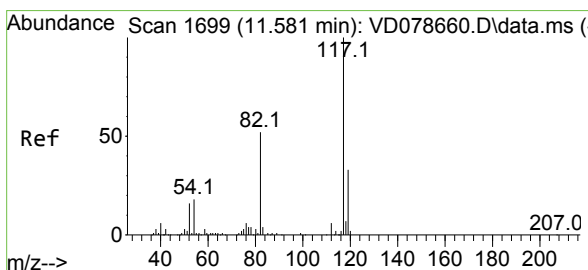
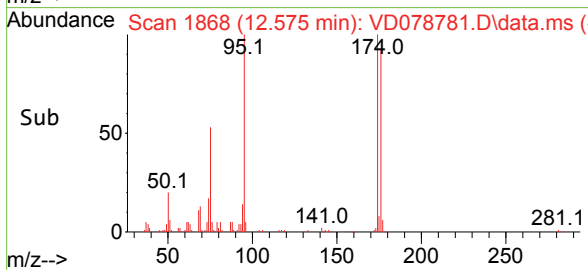
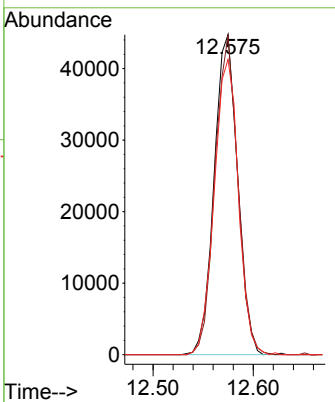
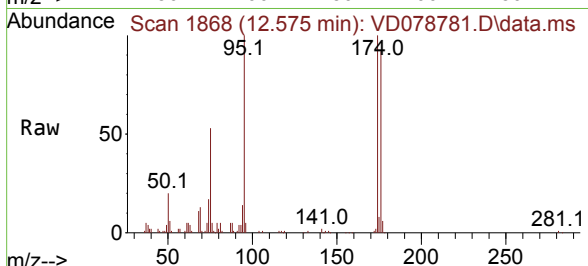




#62
 4-Bromofluorobenzene
 Concen: 40.059 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078781.D
 Acq: 28 Mar 2024 18:19

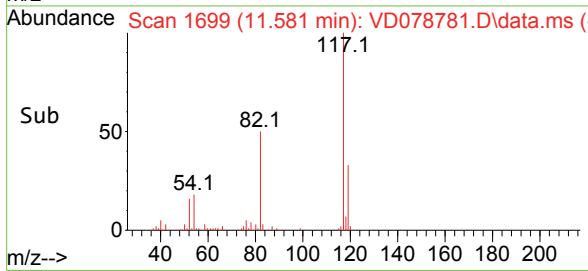
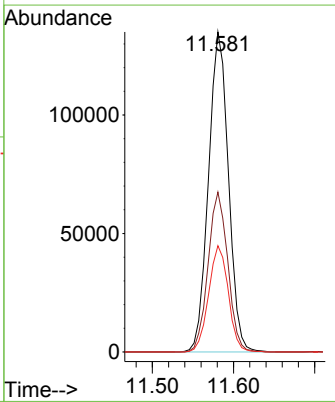
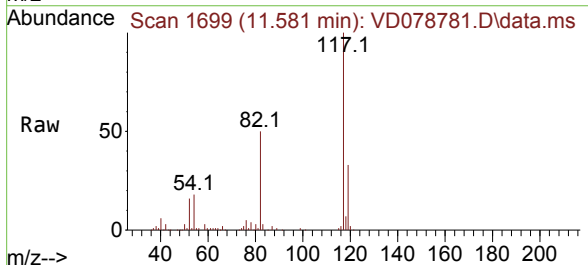
Instrument :
 MSVOA_D
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 EB-03(2-4)

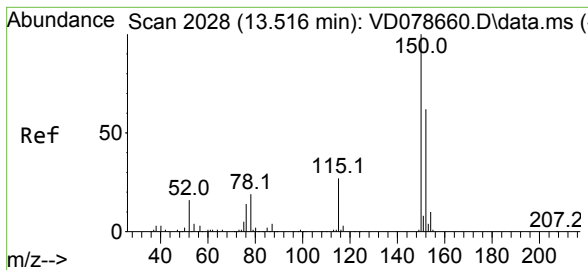
Tgt Ion:	95	Resp:	72792
Ion Ratio	Lower	Upper	
95	100		
174	97.1	0.0	195.2
176	94.6	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078781.D
 Acq: 28 Mar 2024 18:19

Tgt Ion:	117	Resp:	230615
Ion Ratio	Lower	Upper	
117	100		
82	50.0	41.4	62.2
119	33.2	26.5	39.7

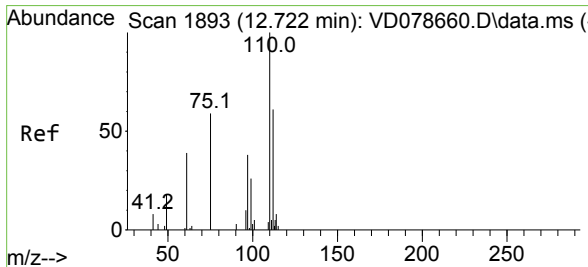
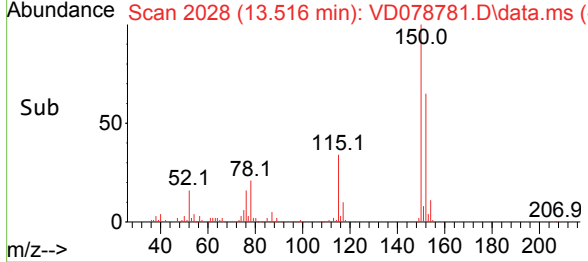
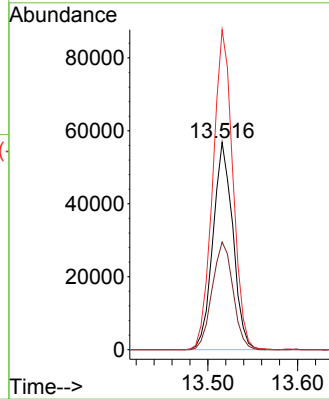
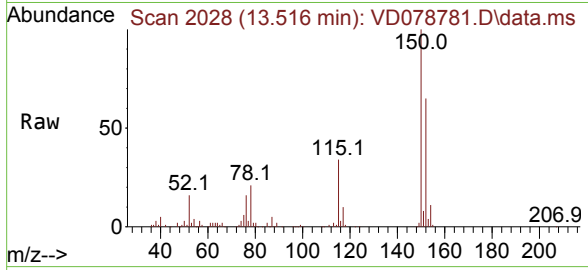




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078781.D
 Acq: 28 Mar 2024 18:19

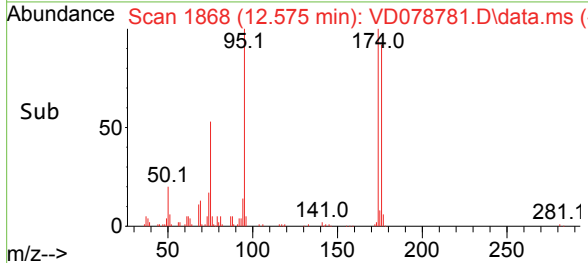
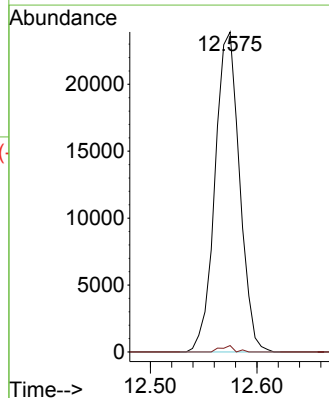
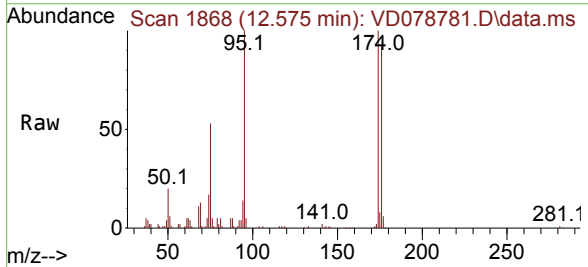
Instrument :
 MSVOA_D
 ClientSampleId :
 EB-03(2-4)

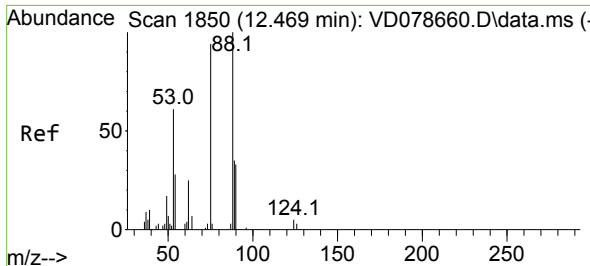
Tgt Ion:152 Resp: 87444
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.1 81.2
 150 155.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 56.708 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078781.D
 Acq: 28 Mar 2024 18:19

Tgt Ion: 75 Resp: 38204
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

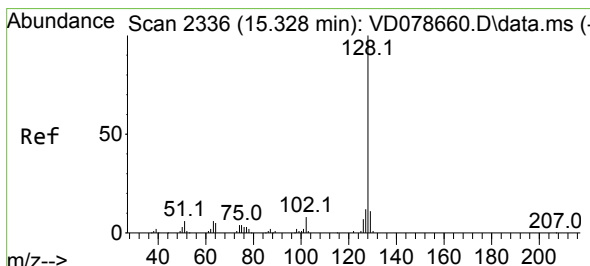
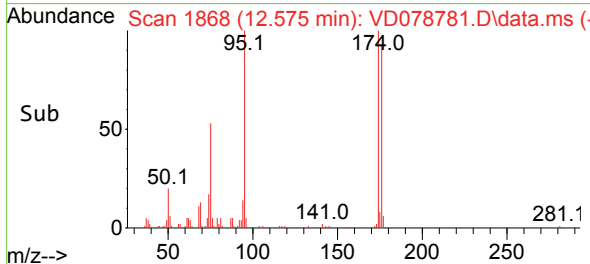
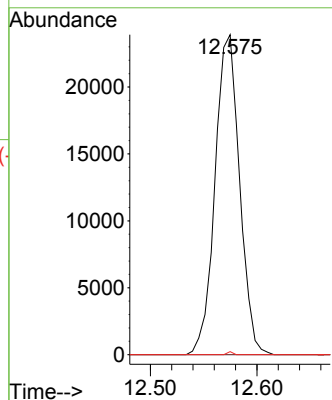
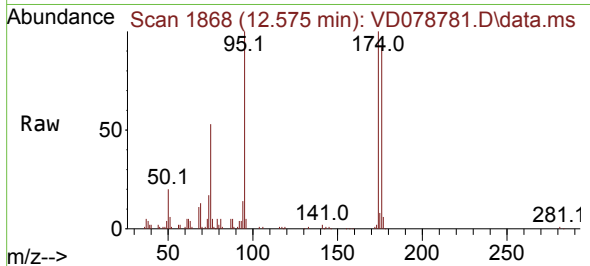




#81
trans-1,4-Dichloro-2-butene
Concen: 118.868 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

Instrument :
MSVOA_D
ClientSampleId :
EB-03(2-4)

Tgt Ion: 75 Resp: 38204
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.2 35.4 53.0#



#95
Naphthalene
Concen: 1.527 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078781.D
Acq: 28 Mar 2024 18:19

Tgt Ion: 128 Resp: 4020
Ion Ratio Lower Upper
128 100
127 20.5 9.3 13.9#
129 8.7 8.9 13.3#

