

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078880.D
 Acq On : 07 May 2024 15:12
 Operator : RP/MD
 Sample : P2404-03
 Misc : 6.67G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

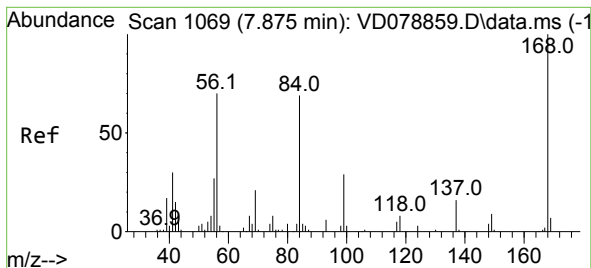
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	85329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	216399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	209514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58206	61.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.920%	
35) Dibromofluoromethane	7.804	113	77460	48.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.500%	
50) Toluene-d8	10.269	98	280036	45.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.860%	
62) 4-Bromofluorobenzene	12.575	95	70208	40.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.460%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	20225	14.326	ug/l	89
31) Cyclohexane	7.881	56	1702	1.210	ug/l #	44
36) 1,1-Dichloropropene	7.881	75	6365	3.114	ug/l #	46
38) Carbon Tetrachloride	7.875	117	7858	3.340	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	979	1.479	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	35088	48.818	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	35088	95.382	ug/l #	19

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

Quant Time: May 08 04:23:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:11 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

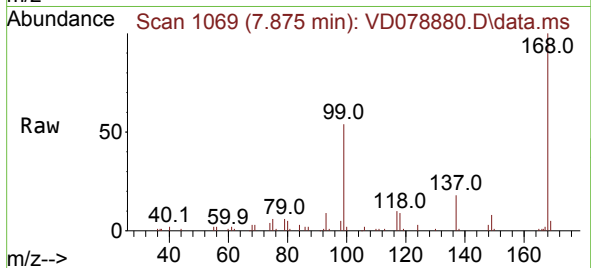
Lab File: VD078880.D

Acq: 07 May 2024 15:12

Instrument :

MSVOA_D

ClientSampleId :

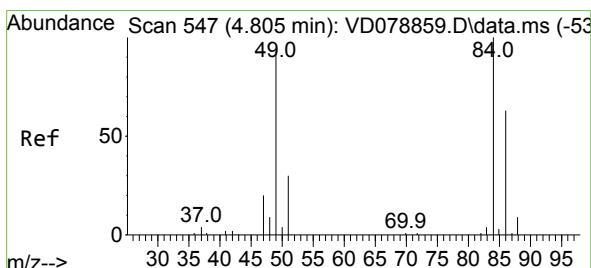
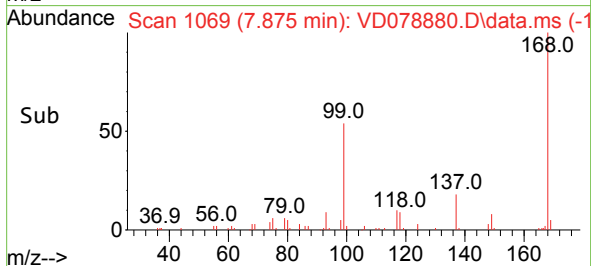
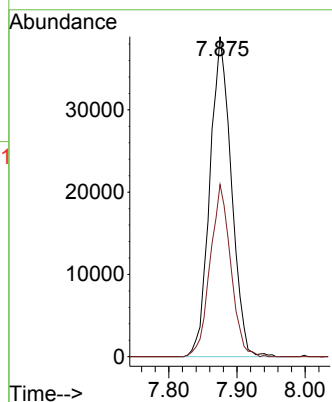


Tgt Ion:168 Resp: 85329

Ion Ratio Lower Upper

168 100

99 53.8 38.8 58.2



#20

Methylene Chloride

Concen: 14.326 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078880.D

Acq: 07 May 2024 15:12

Tgt Ion: 84 Resp: 20225

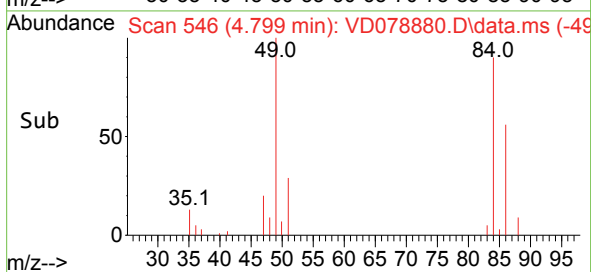
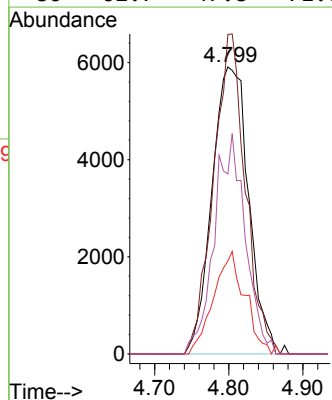
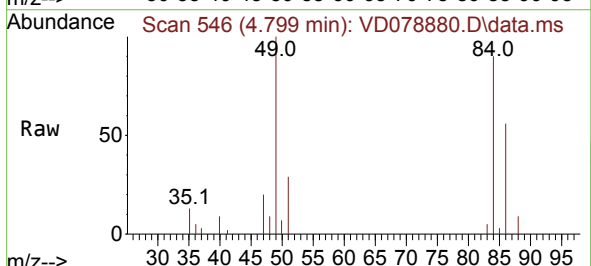
Ion Ratio Lower Upper

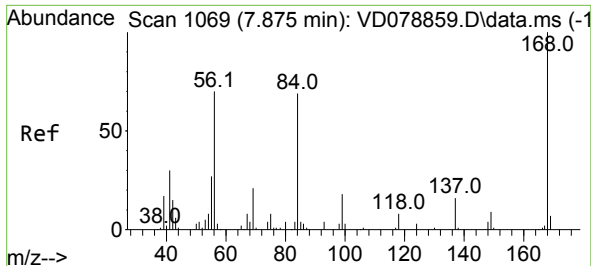
84 100

49 111.3 75.6 113.4

51 32.4 23.4 35.0

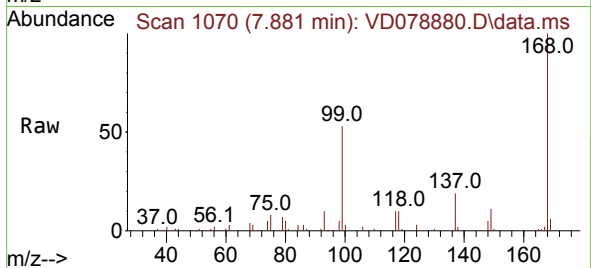
86 62.7 47.8 71.6



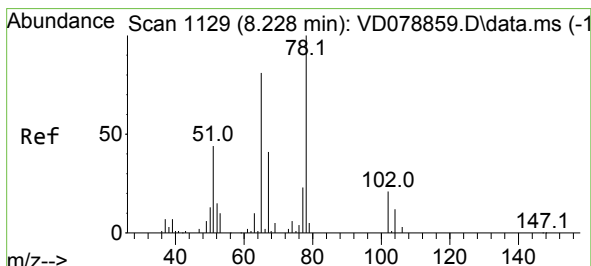
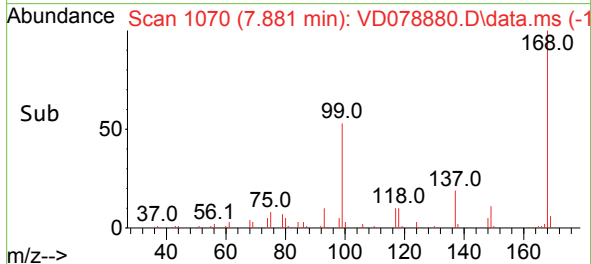
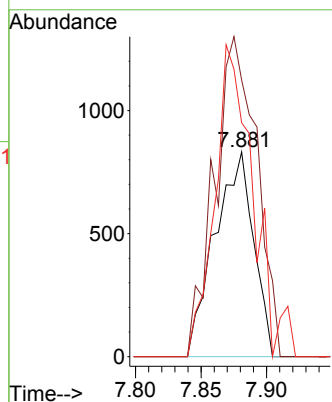


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078880.D
Acq: 07 May 2024 15:12

Instrument :
MSVOA_D
ClientSampleId :

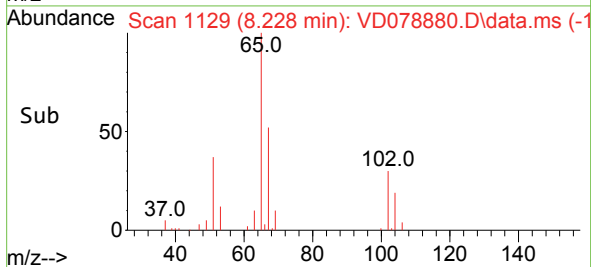
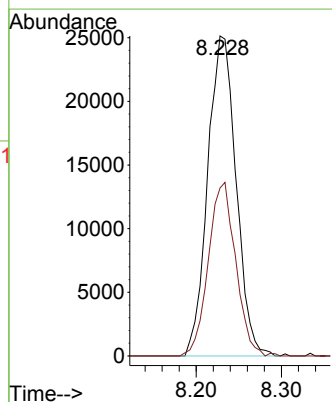
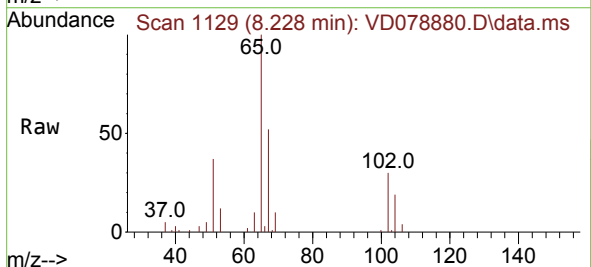


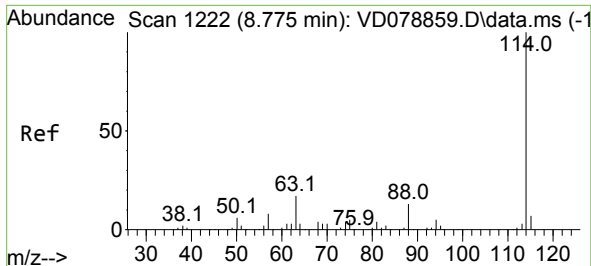
Tgt Ion: 56 Resp: 1702
Ion Ratio Lower Upper
56 100
69 135.1 26.6 40.0#
84 114.2 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 61.456 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078880.D
Acq: 07 May 2024 15:12

Tgt Ion: 65 Resp: 58206
Ion Ratio Lower Upper
65 100
67 52.3 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: VD078880.D

Acq: 07 May 2024 15:12

Instrument :

MSVOA_D

ClientSampleId :

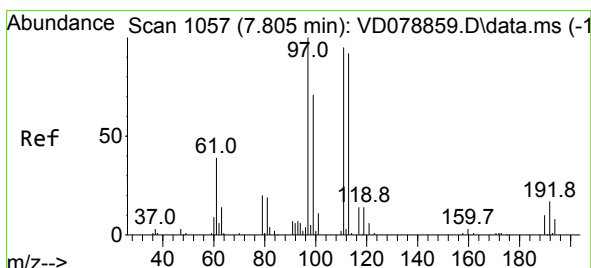
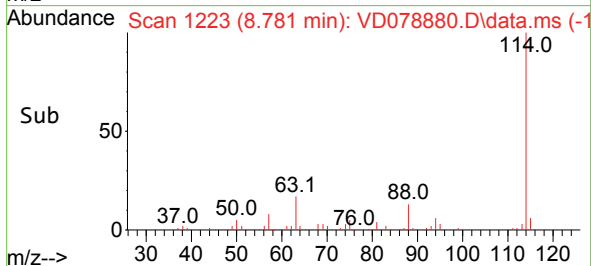
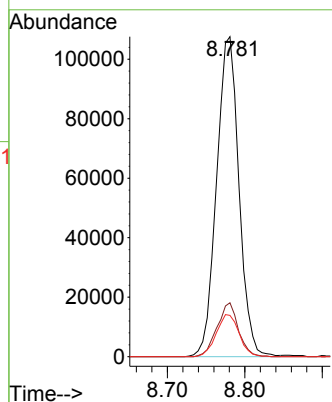
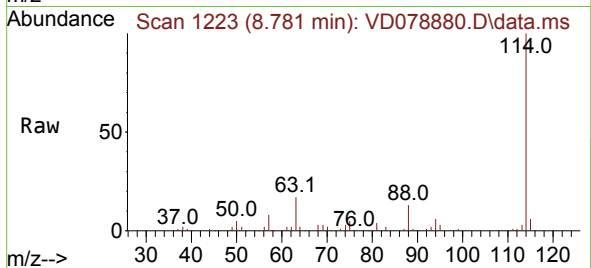
Tgt Ion:114 Resp: 216399

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 12.9 0.0 24.6



#35

Dibromofluoromethane

Concen: 48.751 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078880.D

Acq: 07 May 2024 15:12

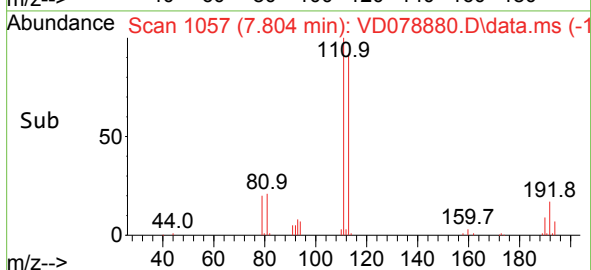
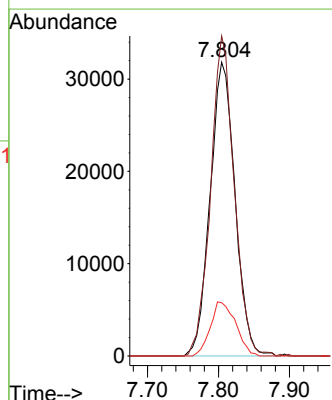
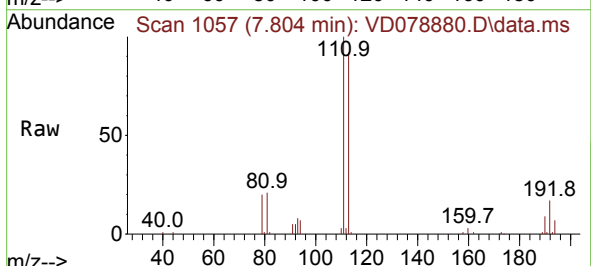
Tgt Ion:113 Resp: 77460

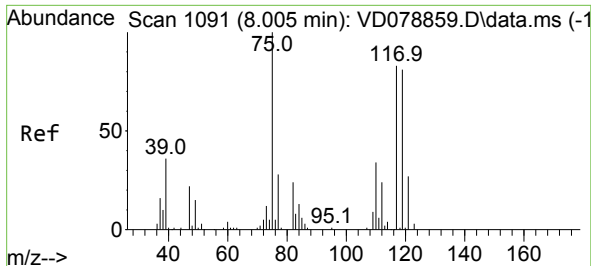
Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 18.7 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.114 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

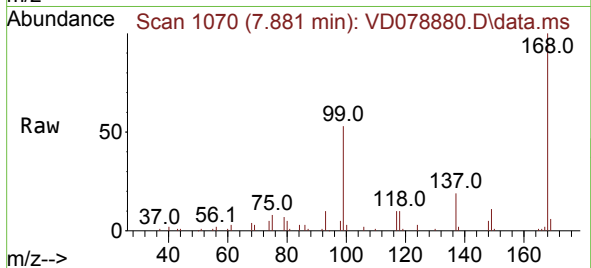
Lab File: VD078880.D

Acq: 07 May 2024 15:12

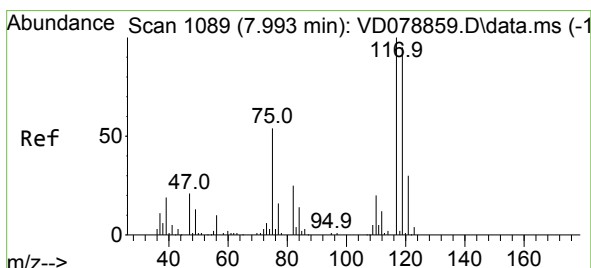
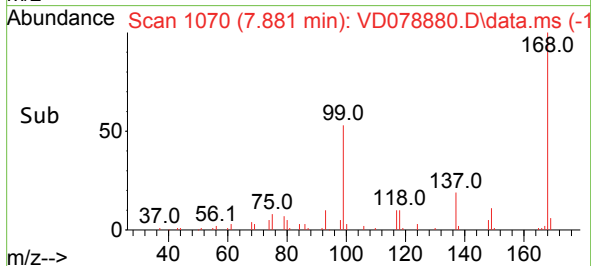
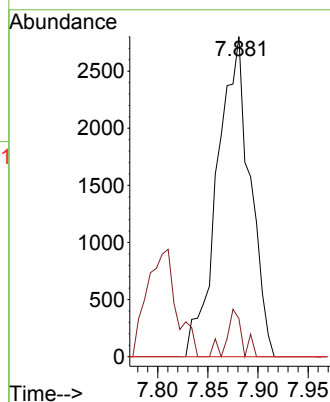
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 6365
Ion Ratio	Lower Upper
75	100
110	7.0 19.1 57.1#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 3.340 ug/l

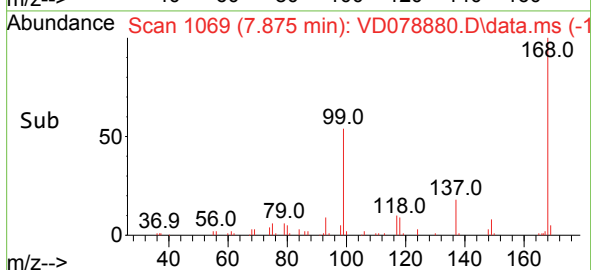
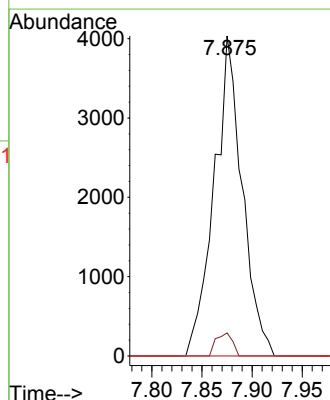
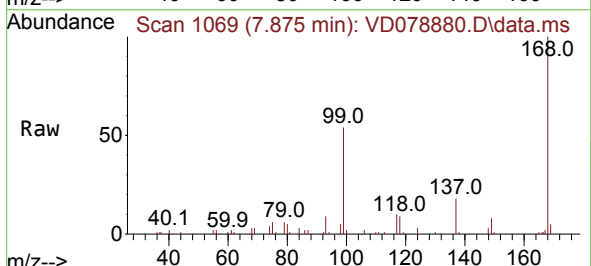
RT: 7.875 min Scan# 1069

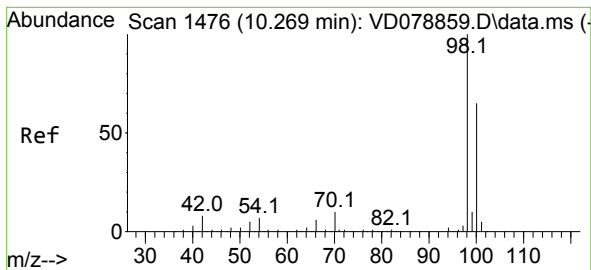
Delta R.T. -0.118 min

Lab File: VD078880.D

Acq: 07 May 2024 15:12

Tgt Ion: 117	Resp: 7858
Ion Ratio	Lower Upper
117	100
119	7.2 79.2 118.8#
121	0.0 26.8 40.2#

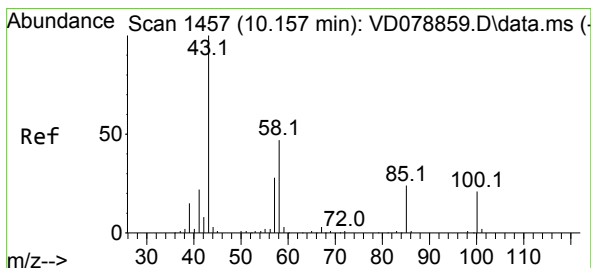
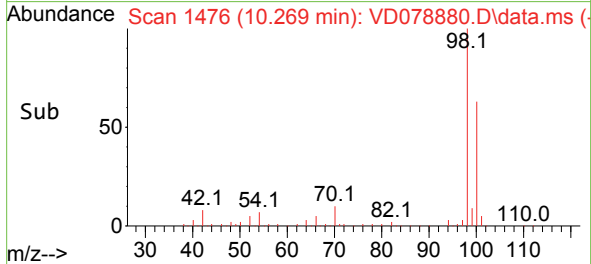
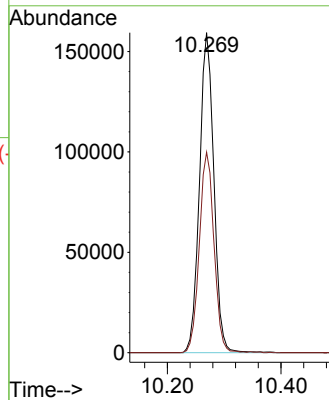
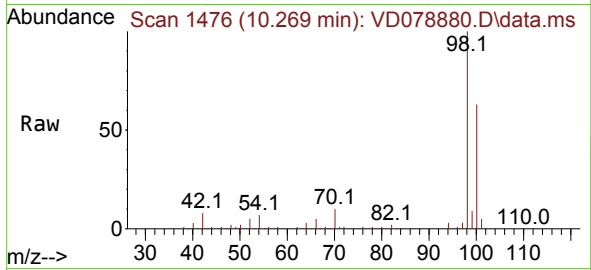




#50
Toluene-d8
Concen: 45.926 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078880.D
Acq: 07 May 2024 15:12

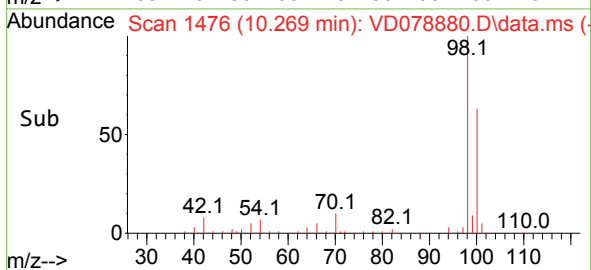
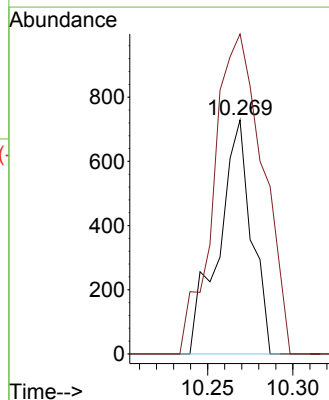
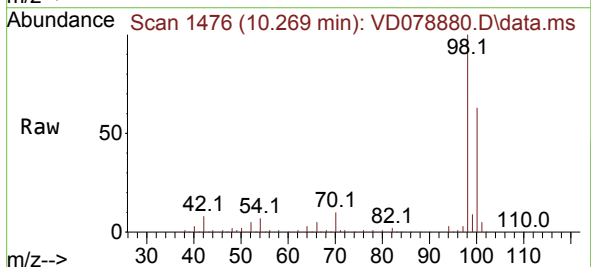
Instrument :
MSVOA_D
ClientSampleId :

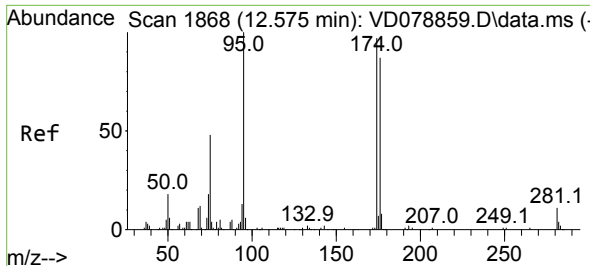
Tgt Ion: 98 Resp: 280036
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.479 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078880.D
Acq: 07 May 2024 15:12

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 204.9 36.4 54.6#

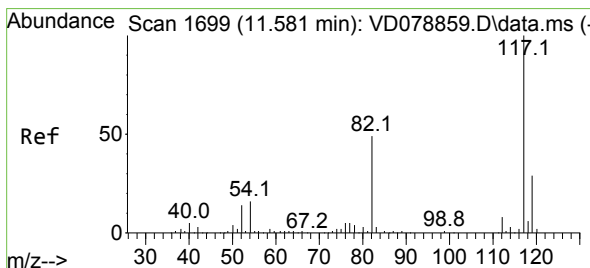
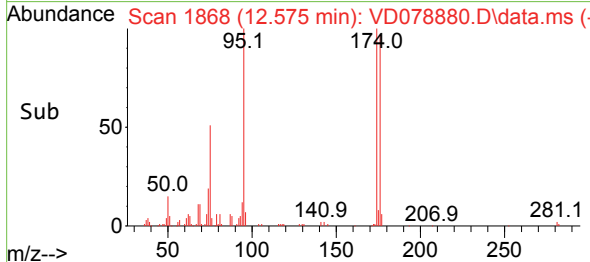
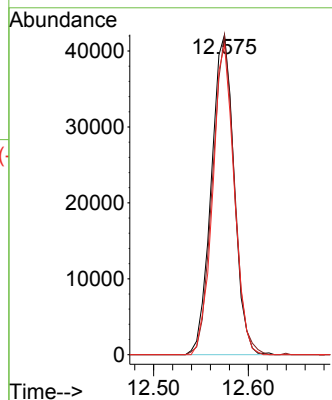
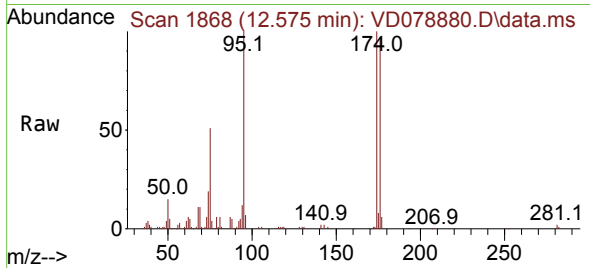




#62
4-Bromofluorobenzene
Concen: 40.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078880.D
Acq: 07 May 2024 15:12

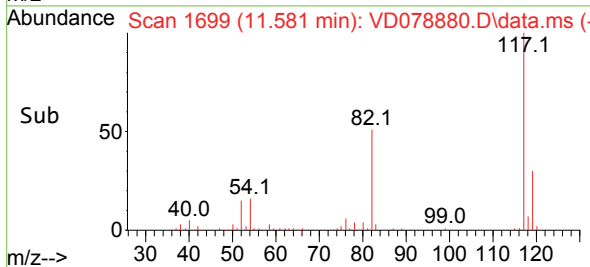
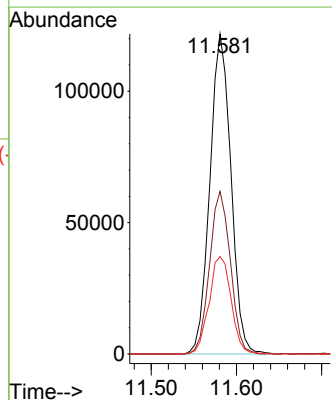
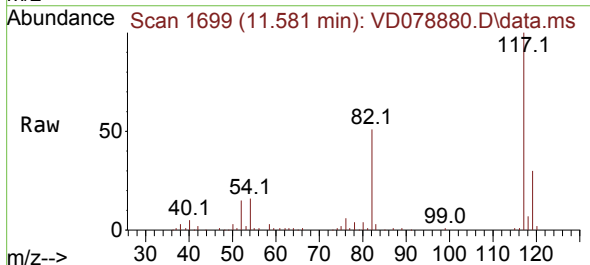
Instrument :
MSVOA_D
ClientSampleId :

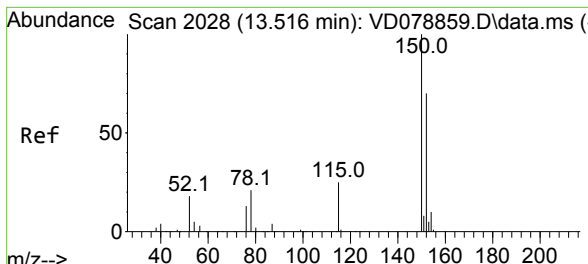
Tgt Ion: 95 Resp: 70208
Ion Ratio Lower Upper
95 100
174 95.5 0.0 195.2
176 91.5 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078880.D
Acq: 07 May 2024 15:12

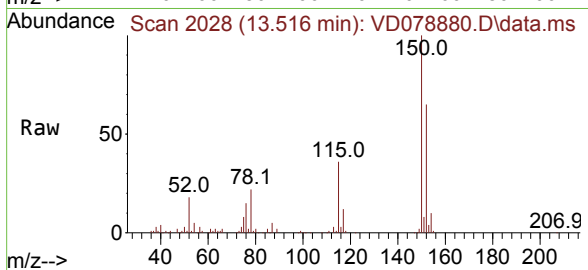
Tgt Ion: 117 Resp: 209514
Ion Ratio Lower Upper
117 100
82 50.8 41.4 62.2
119 30.5 26.5 39.7



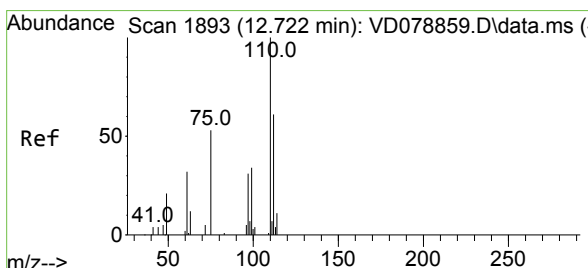
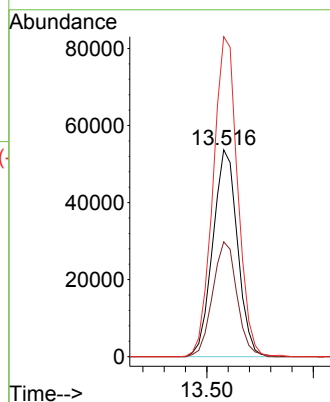
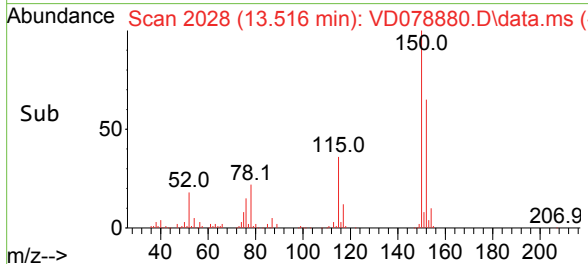


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078880.D
 Acq: 07 May 2024 15:12

Instrument :
 MSVOA_D
 ClientSampleId :

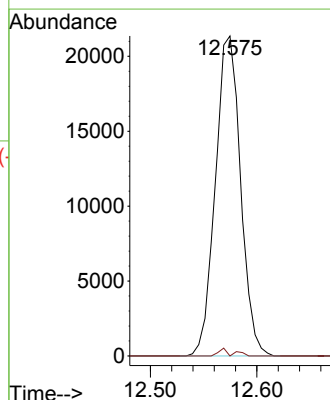
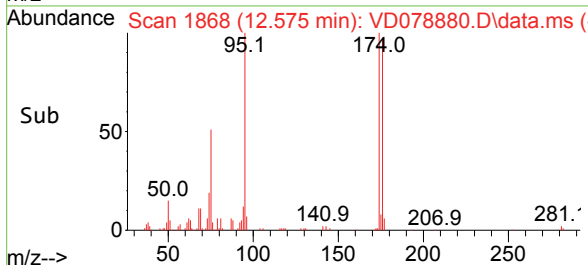
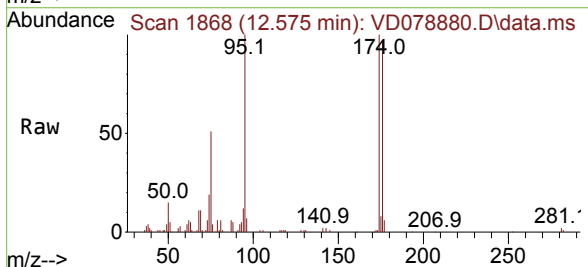


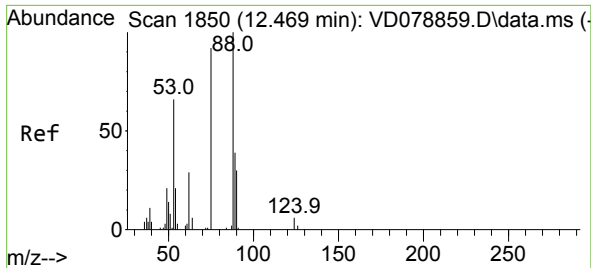
Tgt Ion:152 Resp: 86395
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.1 81.2
 150 154.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 48.818 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078880.D
 Acq: 07 May 2024 15:12

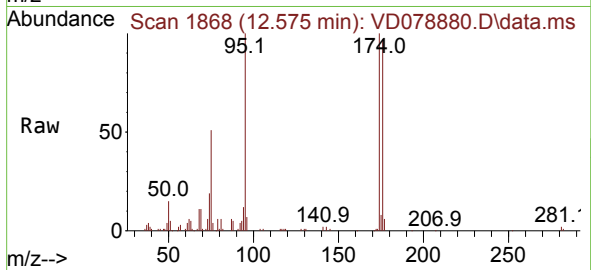
Tgt Ion: 75 Resp: 35088
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.382 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078880.D
 Acq: 07 May 2024 15:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	35088
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

