

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078417.D
 Acq On : 14 Feb 2024 16:35
 Operator : RP/MD
 Sample : P1463-03
 Misc : 3.60G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

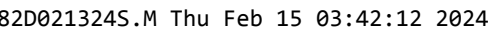
Quant Time: Feb 15 03:41:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

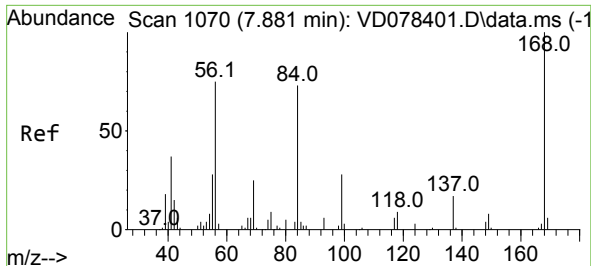
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	112108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58076	47.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.820%
35) Dibromofluoromethane	7.810	113	76135	50.860	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.269	98	307953	51.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.569	95	93941	53.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.820%
Target Compounds						
					Qvalue	
16) Acetone	4.011	43	55	Below Cal	#	32
20) Methylene Chloride	4.799	84	2909	Below Cal	#	83
23) Vinyl Acetate	5.940	43	62	Below Cal	#	63
31) Cyclohexane	7.881	56	2910	1.419	ug/l #	38
36) 1,1-Dichloropropene	7.875	75	9827	4.226	ug/l #	46
38) Carbon Tetrachloride	7.881	117	11202	4.864	ug/l #	15
51) 4-Methyl-2-Pentanone	10.275	43	1247	1.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	50640	59.254	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	50640	123.013	ug/l #	17

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

Quant Time: Feb 15 03:41:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
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QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

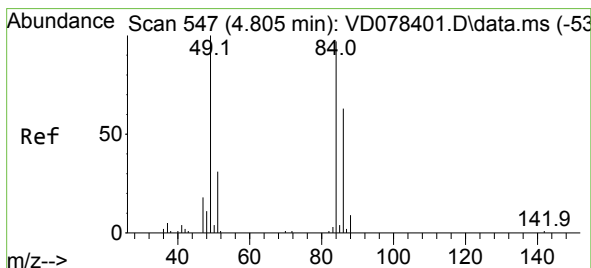
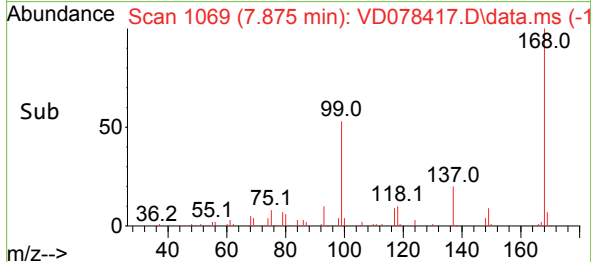
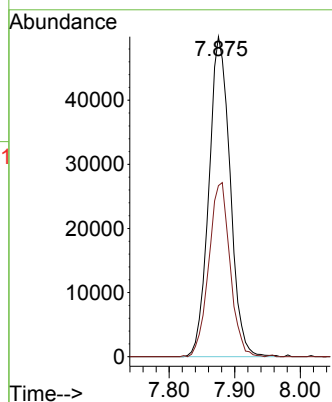
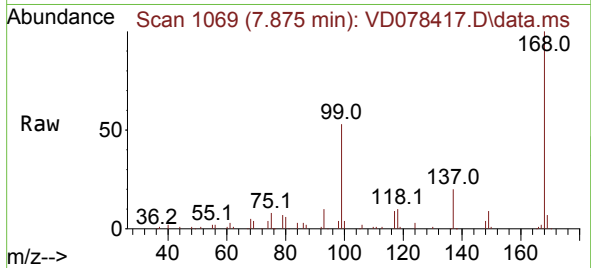




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

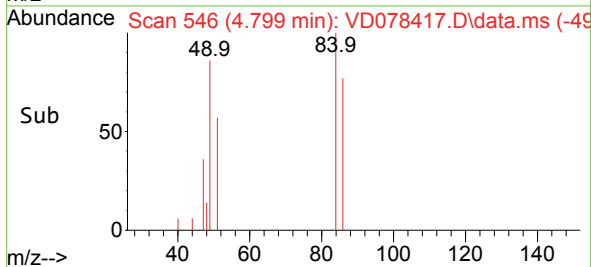
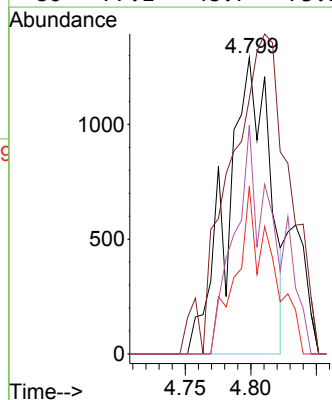
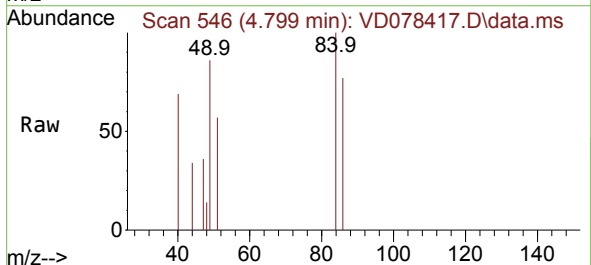
Instrument :
MSVOA_D
ClientSampleId :

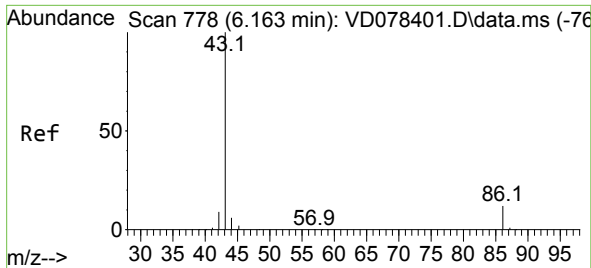
Tgt Ion:168 Resp: 112108
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Tgt Ion: 84 Resp: 2909
Ion Ratio Lower Upper
84 100
49 86.1 71.4 107.2
51 56.5 24.5 36.7#
86 77.1 48.7 73.1#

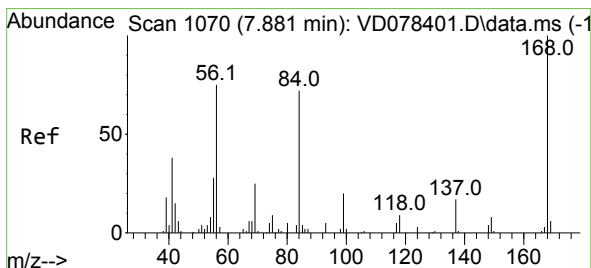
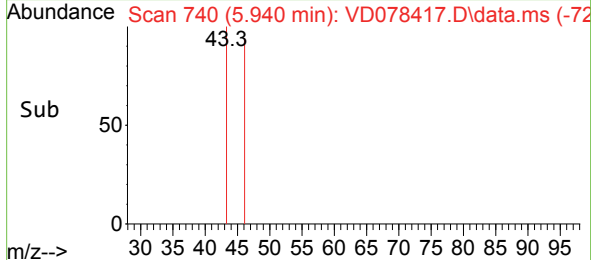
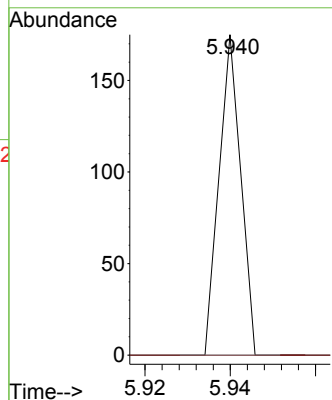
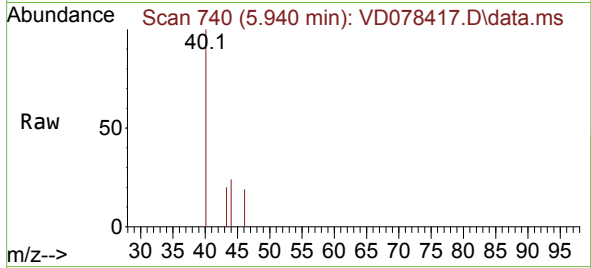




#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 5.940 min Scan# 740
 Delta R.T. -0.223 min
 Lab File: VD078417.D
 Acq: 14 Feb 2024 16:35

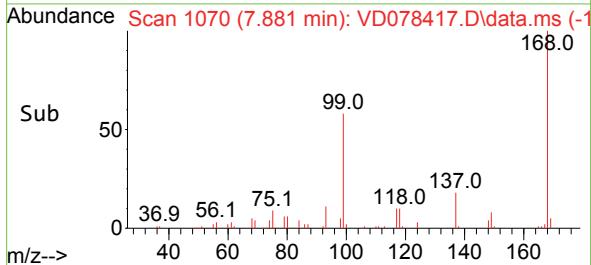
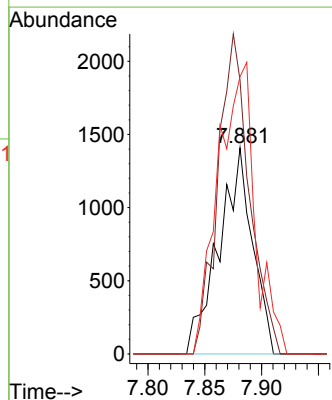
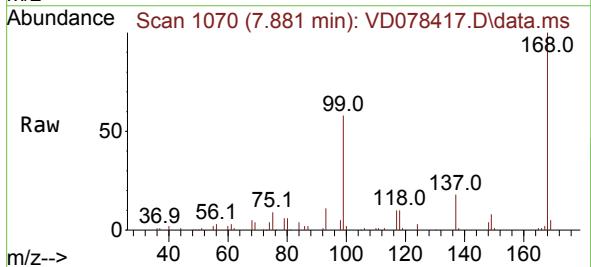
Instrument :
 MSVOA_D
 ClientSampleId :

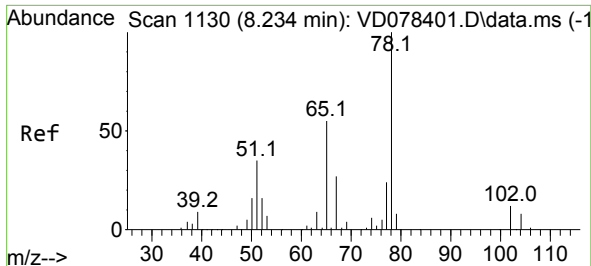
Tgt Ion: 43 Resp: 62
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#31
 Cyclohexane
 Concen: 1.419 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. 0.000 min
 Lab File: VD078417.D
 Acq: 14 Feb 2024 16:35

Tgt Ion: 56 Resp: 2910
 Ion Ratio Lower Upper
 56 100
 69 132.7 28.6 43.0#
 84 134.5 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 47.911 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078417.D

Acq: 14 Feb 2024 16:35

Instrument :

MSVOA_D

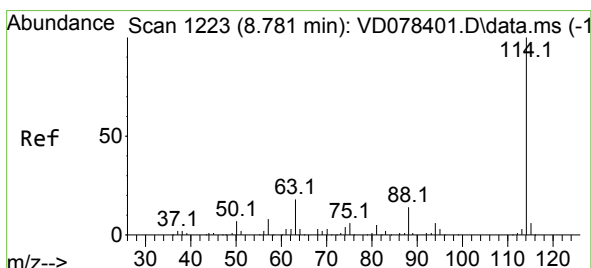
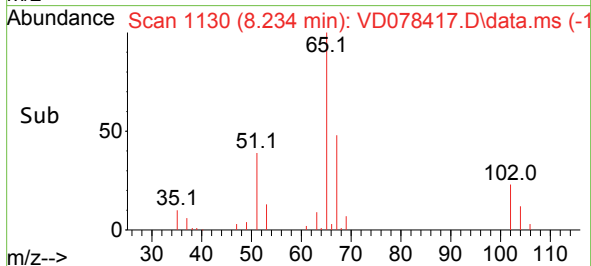
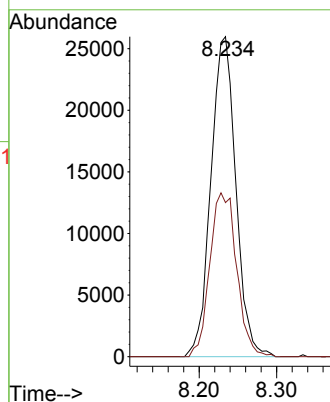
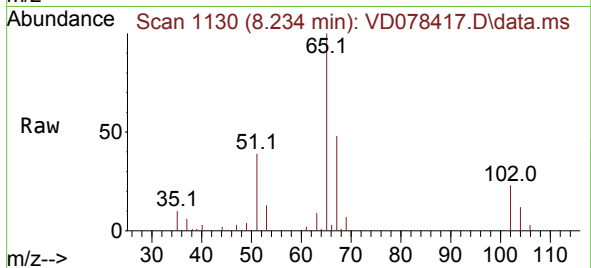
ClientSampleId :

Tgt Ion: 65 Resp: 58076

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078417.D

Acq: 14 Feb 2024 16:35

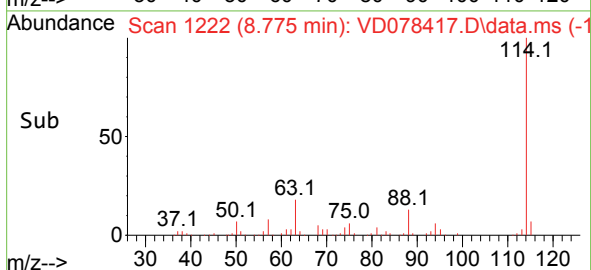
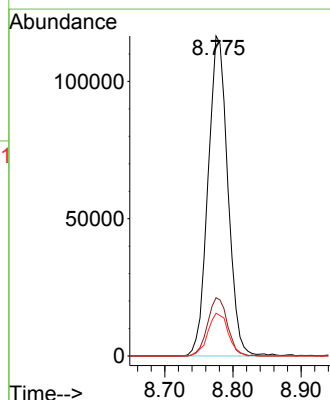
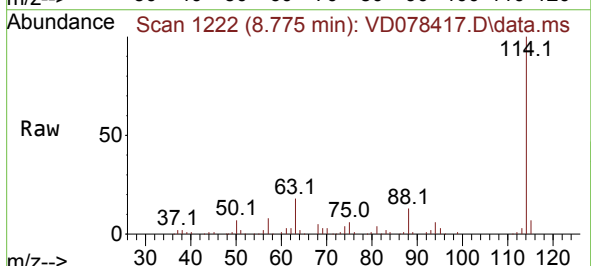
Tgt Ion:114 Resp: 235660

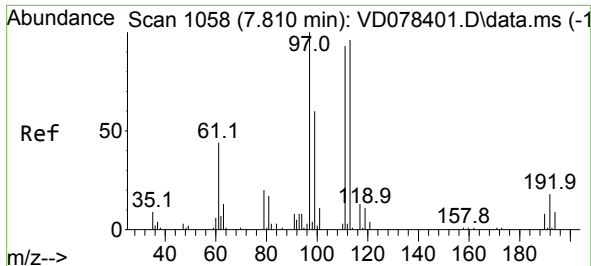
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

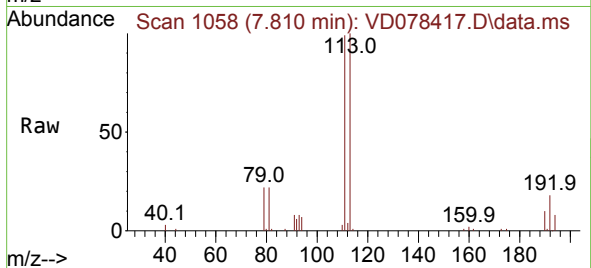
88 13.4 0.0 26.2



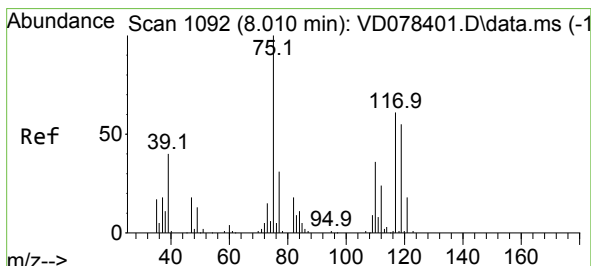
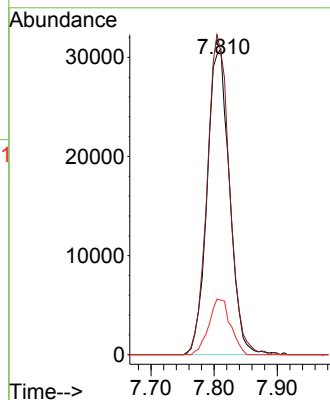
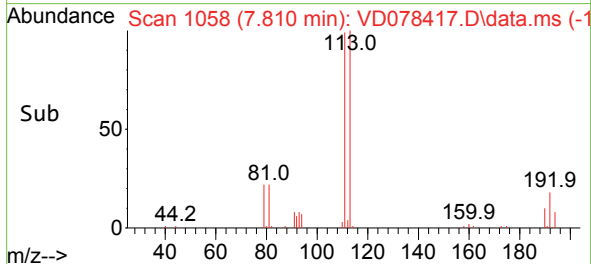


#35
Dibromofluoromethane
Concen: 50.860 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Instrument :
MSVOA_D
ClientSampleId :

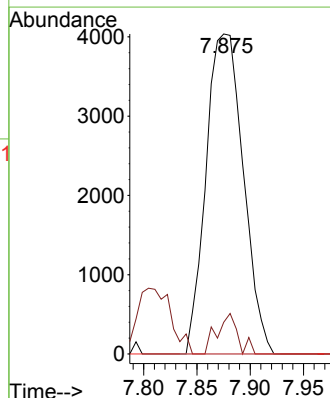
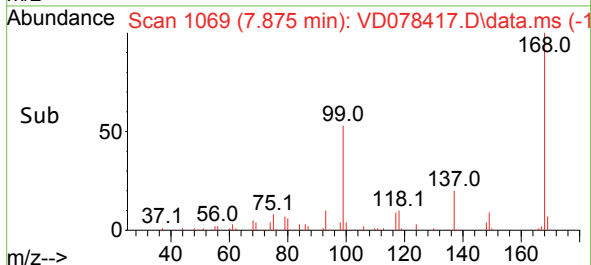
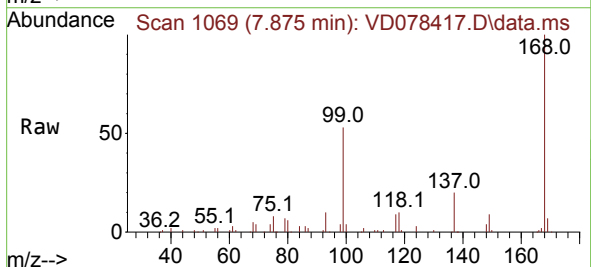


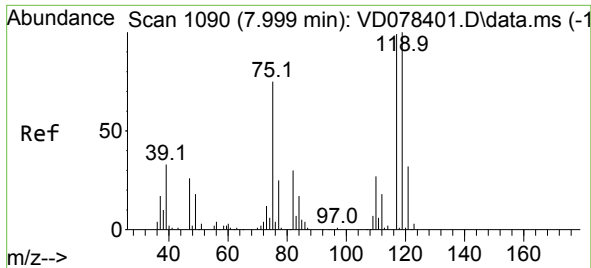
Tgt Ion:113 Resp: 76135
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 17.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.226 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

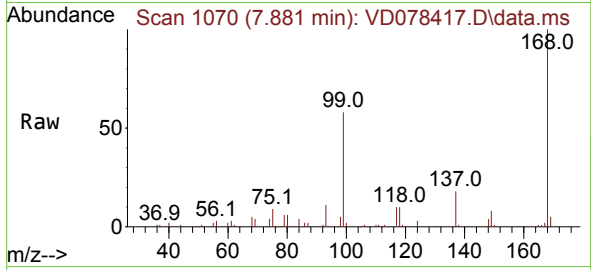
Tgt Ion: 75 Resp: 9827
Ion Ratio Lower Upper
75 100
110 7.1 19.9 59.6#
77 0.0 24.7 37.1#



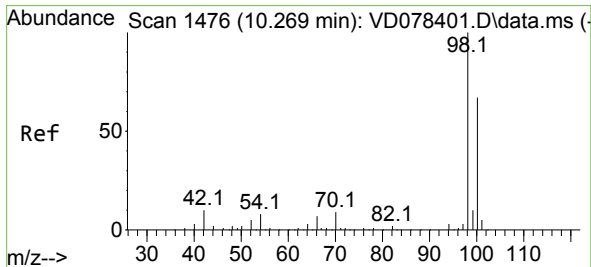
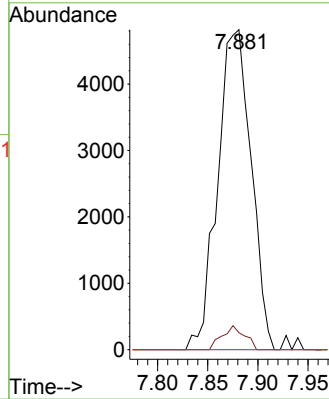
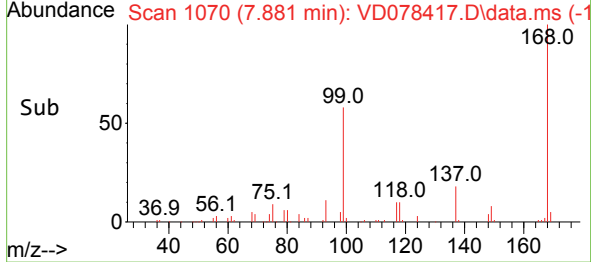


#38
Carbon Tetrachloride
Concen: 4.864 ug/l
RT: 7.881 min Scan# 1090
Delta R.T. -0.118 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Instrument :
MSVOA_D
ClientSampleId :

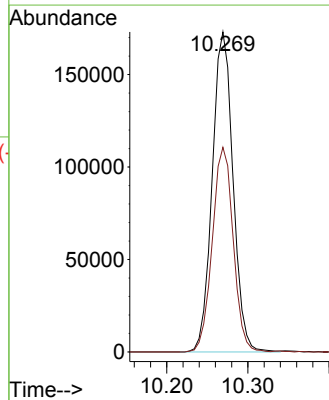
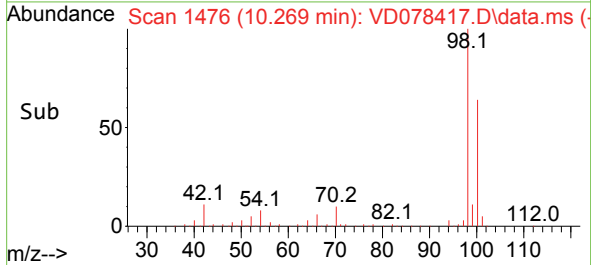
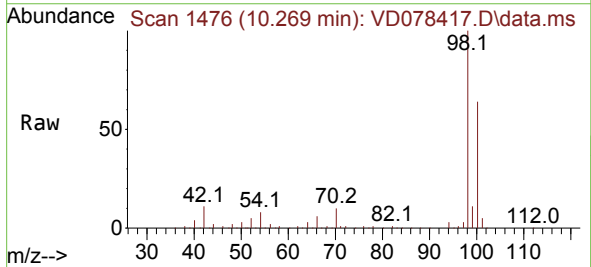


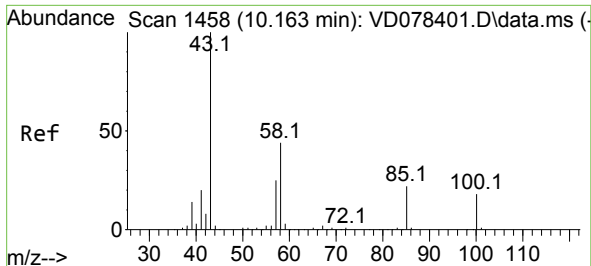
Tgt Ion:117 Resp: 11202
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.427 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Tgt Ion: 98 Resp: 307953
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.556 ug/l

RT: 10.275 min Scan# 1458

Delta R.T. 0.112 min

Lab File: VD078417.D

Acq: 14 Feb 2024 16:35

Instrument :

MSVOA_D

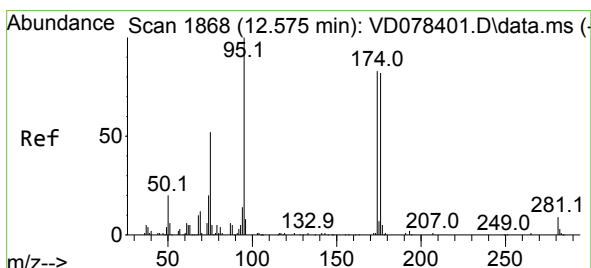
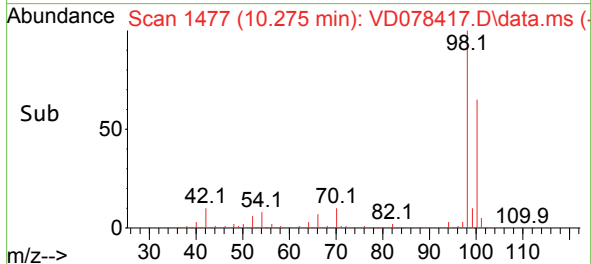
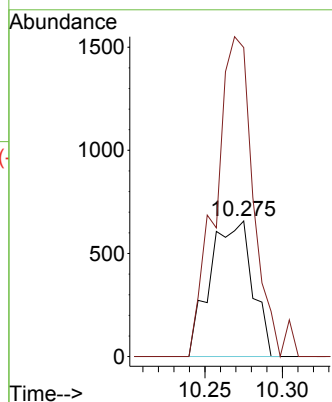
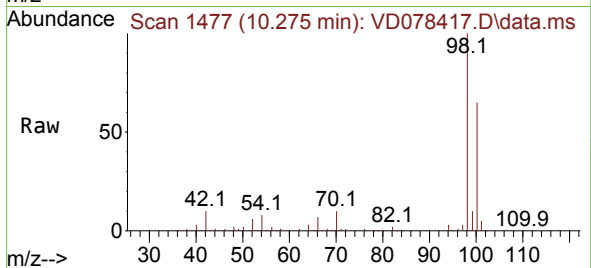
ClientSampleId :

Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

58 213.8 38.9 58.3#



#62

4-Bromofluorobenzene

Concen: 53.908 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078417.D

Acq: 14 Feb 2024 16:35

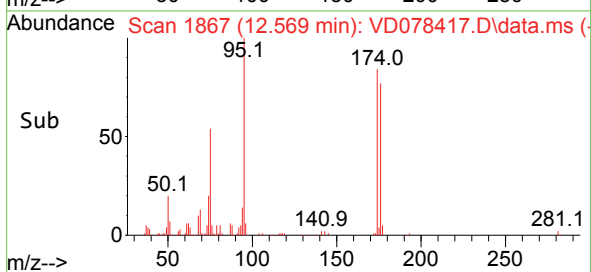
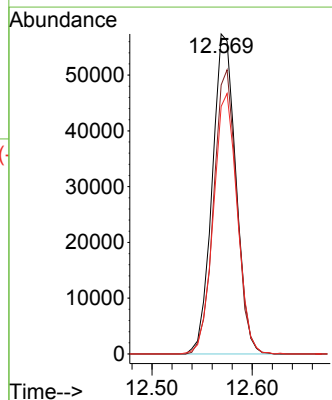
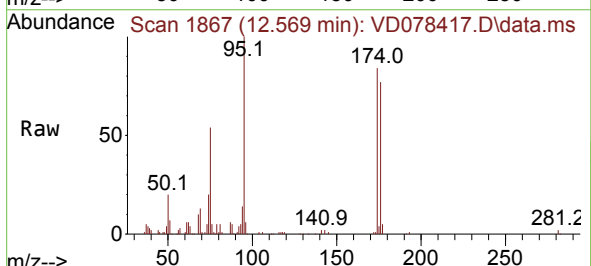
Tgt Ion: 95 Resp: 93941

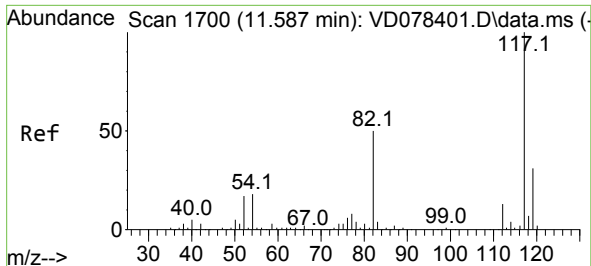
Ion Ratio Lower Upper

95 100

174 86.1 0.0 201.8

176 82.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078417.D

Acq: 14 Feb 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

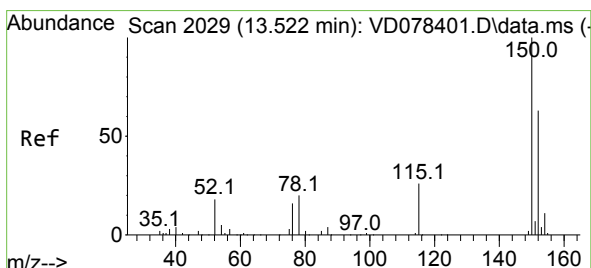
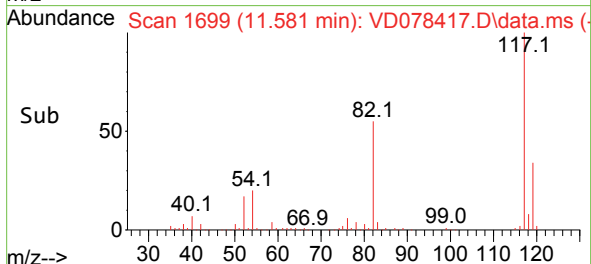
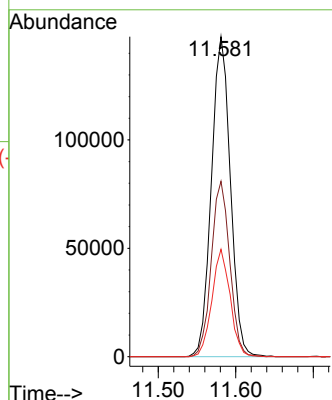
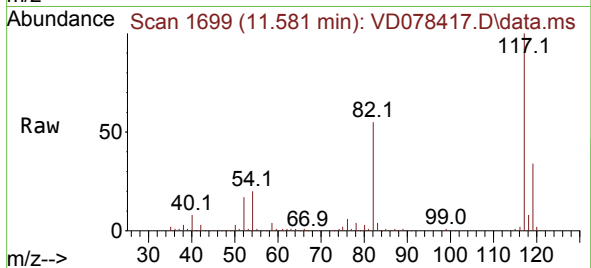
Tgt Ion:117 Resp: 251374

Ion Ratio Lower Upper

117 100

82 54.8 38.3 57.5

119 33.5 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: VD078417.D

Acq: 14 Feb 2024 16:35

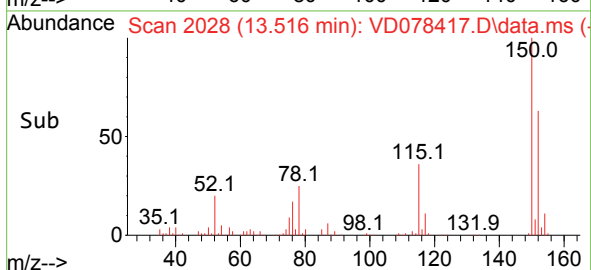
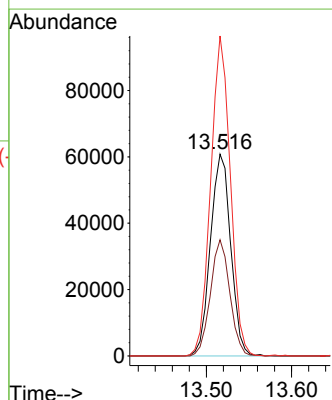
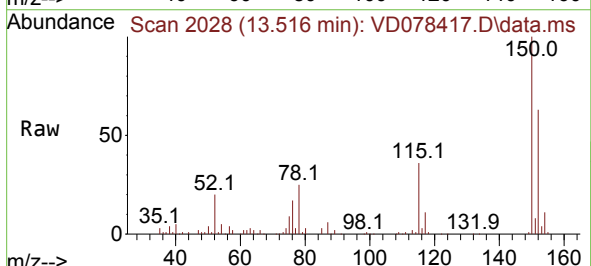
Tgt Ion:152 Resp: 100666

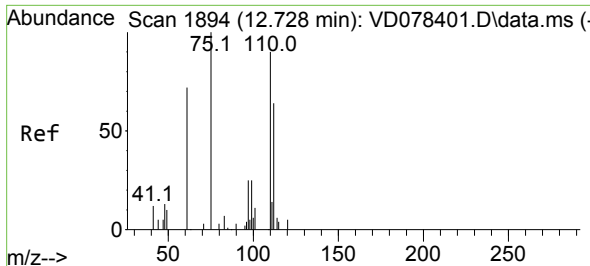
Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 153.0 0.0 353.6

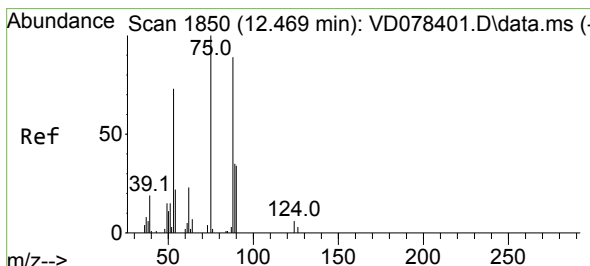
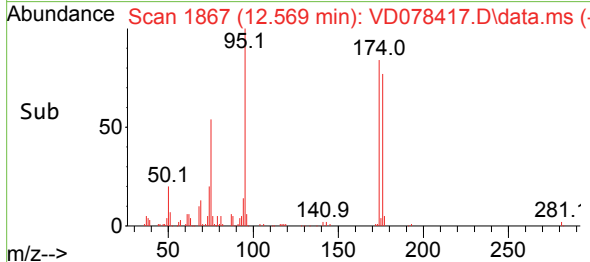
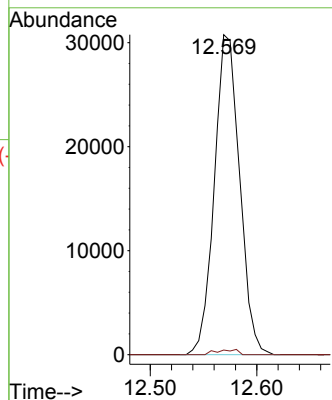
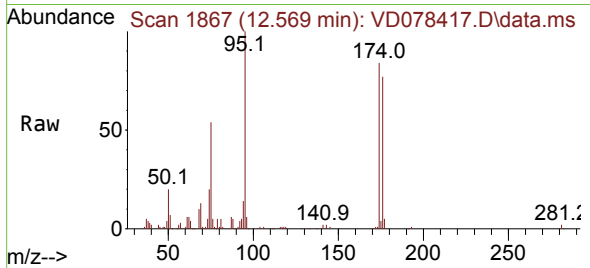




#76
1,2,3-Trichloropropane
Concen: 59.254 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 50640
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.013 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078417.D
Acq: 14 Feb 2024 16:35

Tgt Ion: 75 Resp: 50640
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.3 37.9 56.9#

