

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078278.D
 Acq On : 30 Jan 2024 14:47
 Operator : RP/MD
 Sample : VD0130SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

Quant Time: Jan 31 00:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

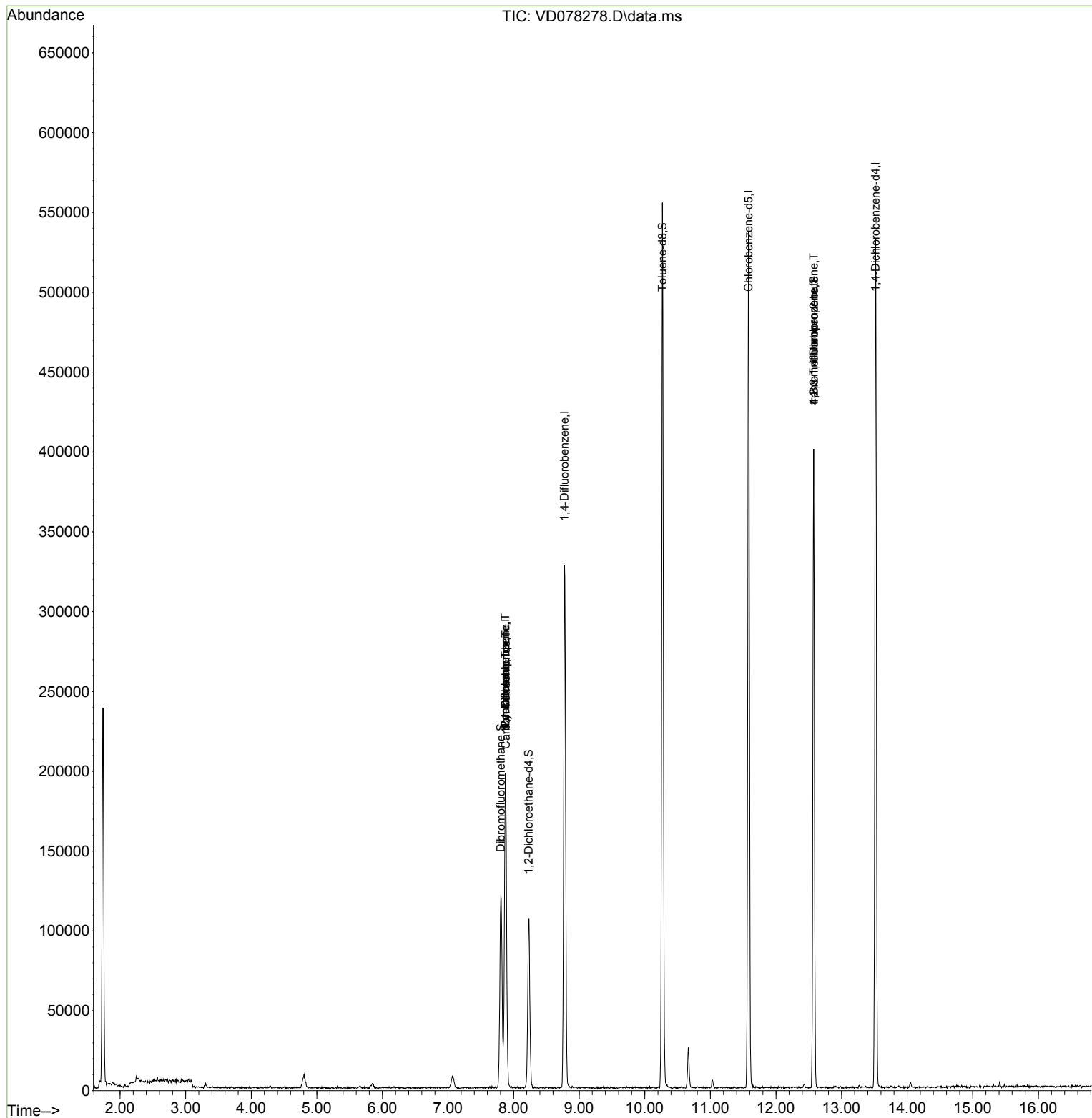
Internal Standards						
1) Pentafluorobenzene	7.875	168	144465	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	293600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	305676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77930	43.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.160%
35) Dibromofluoromethane	7.805	113	90750	43.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.840%
50) Toluene-d8	10.269	98	371932	46.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.000%
62) 4-Bromofluorobenzene	12.575	95	123786	52.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.460%
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	949	Below Cal	#	32
20) Methylene Chloride	4.805	84	5787	Below Cal	#	87
31) Cyclohexane	7.875	56	3707	1.107	ug/l #	43
36) 1,1-Dichloropropene	7.875	75	13520	3.901	ug/l #	43
38) Carbon Tetrachloride	7.881	117	15026	4.409	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	65693	45.885	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65693	91.257	ug/l #	17

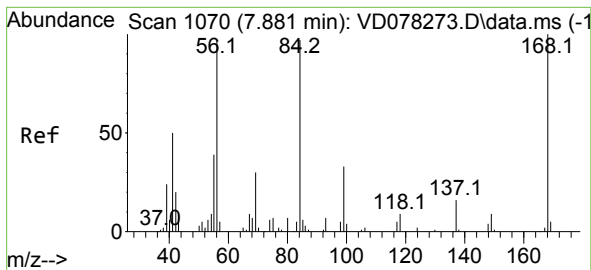
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
VD0130SBL01

Quant Time: Jan 31 00:57:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

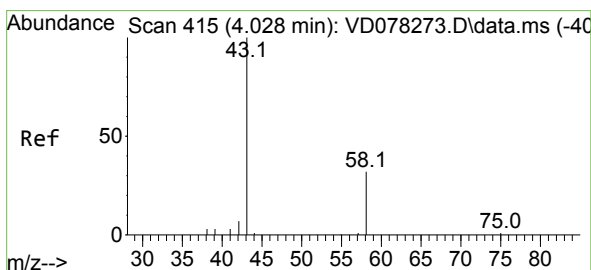
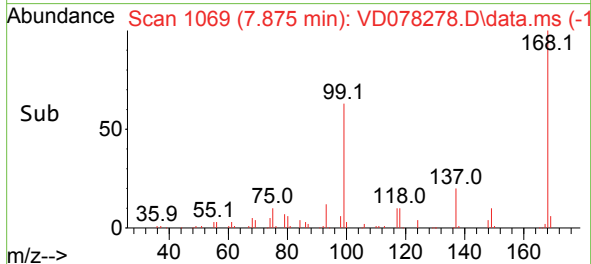
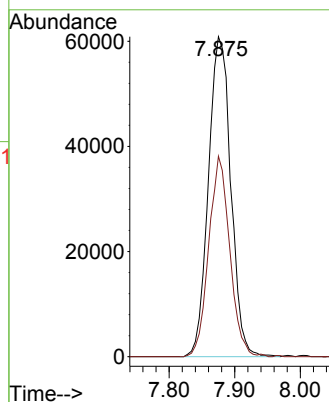
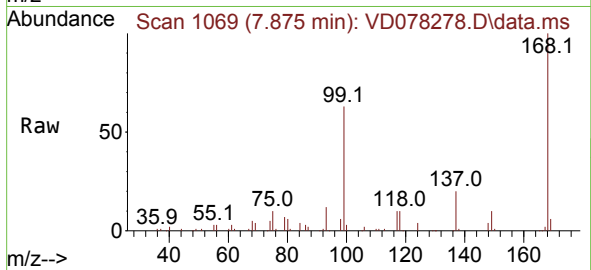
VD0130SBL01

Tgt Ion:168 Resp: 144465

Ion Ratio Lower Upper

168 100

99 62.7 36.7 55.1#



#16

Acetone

Concen: Below Cal

RT: 4.017 min Scan# 413

Delta R.T. -0.011 min

Lab File: VD078278.D

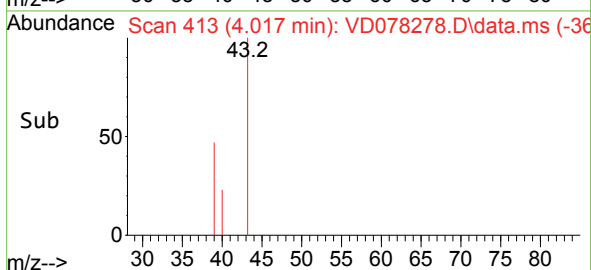
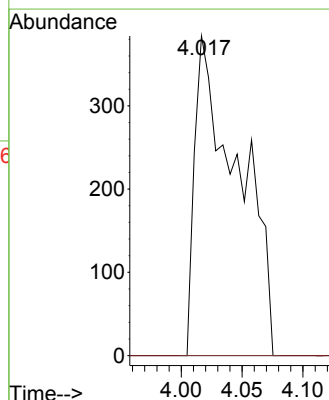
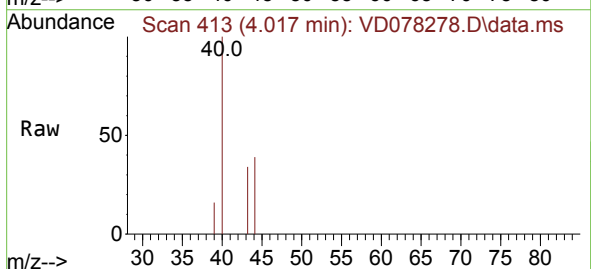
Acq: 30 Jan 2024 14:47

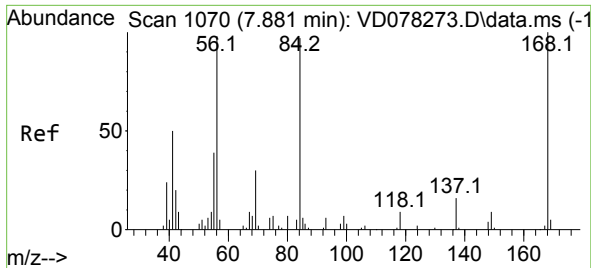
Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

43 100

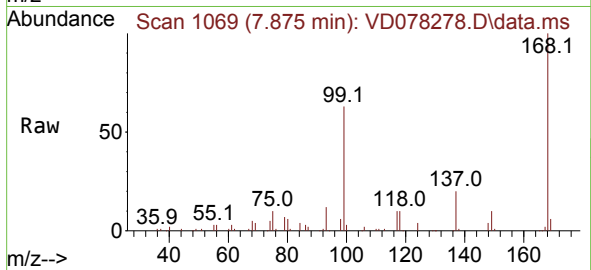
58 0.0 34.7 52.1#



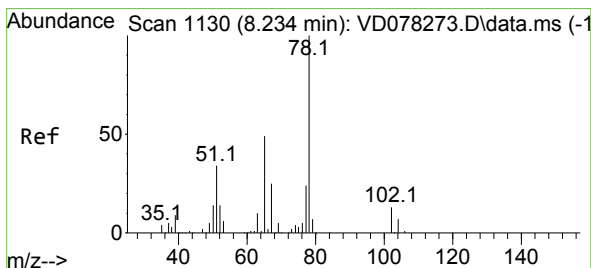
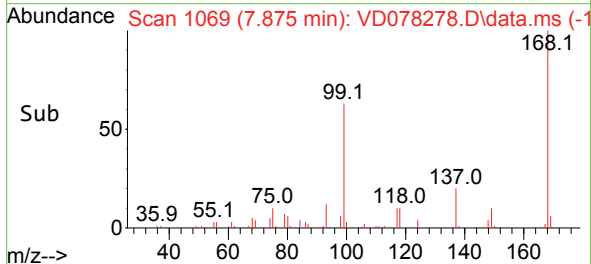
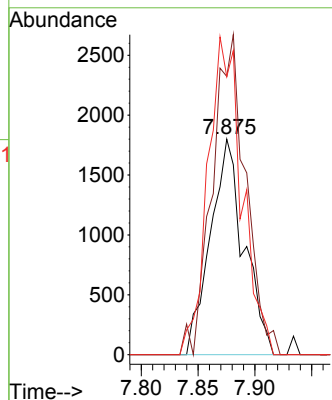


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

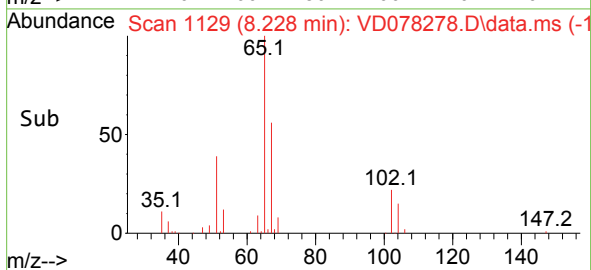
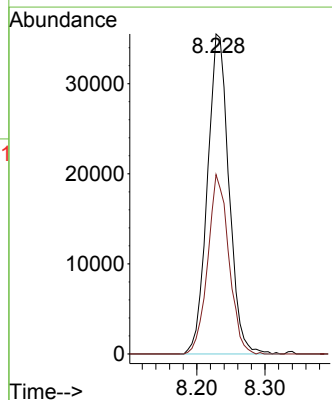
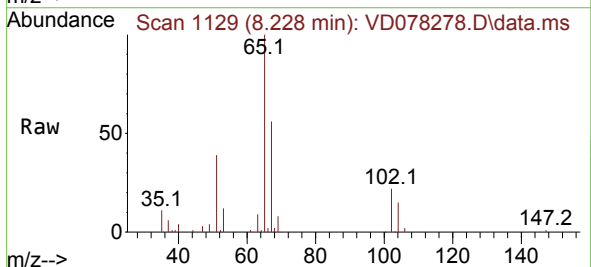


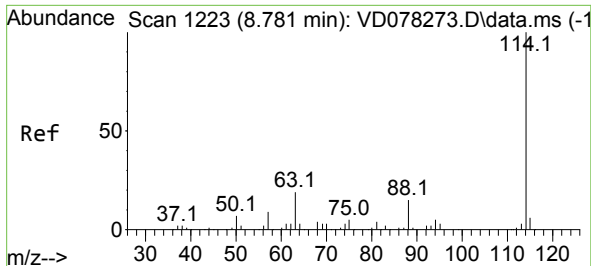
Tgt Ion: 56 Resp: 3707
Ion Ratio Lower Upper
56 100
69 129.1 28.6 43.0#
84 129.0 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 43.576 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Tgt Ion: 65 Resp: 77930
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

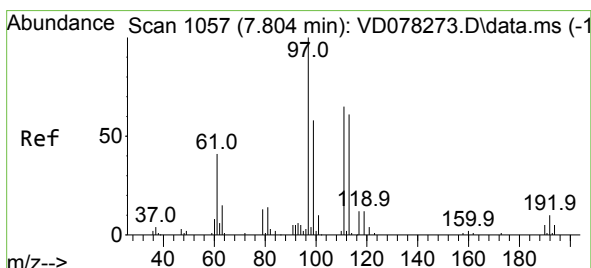
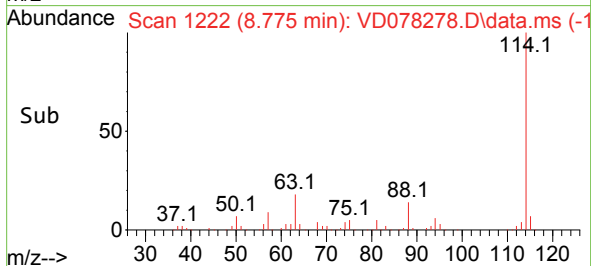
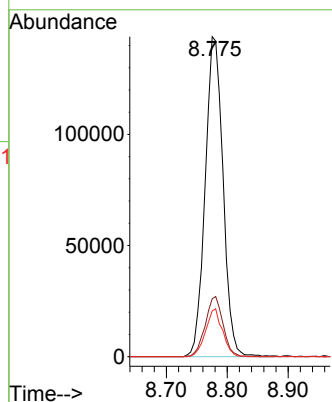
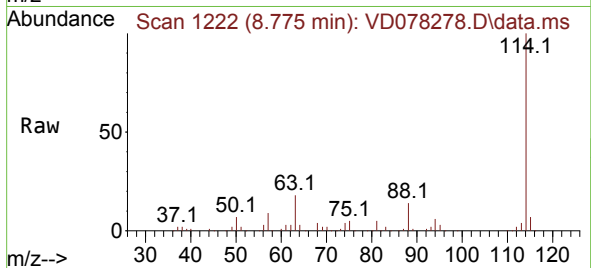
Tgt Ion:114 Resp: 293600

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.416 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

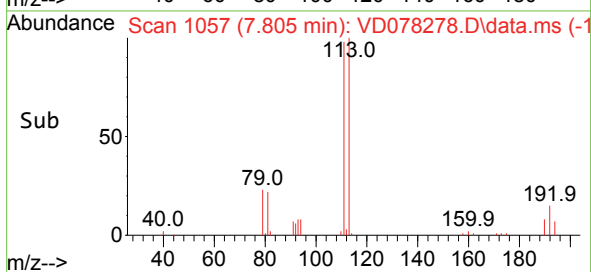
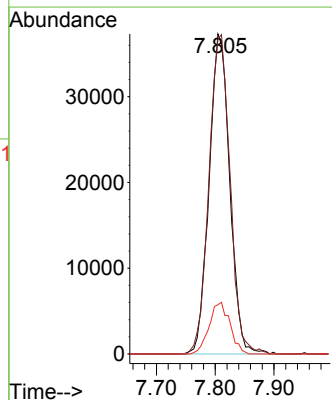
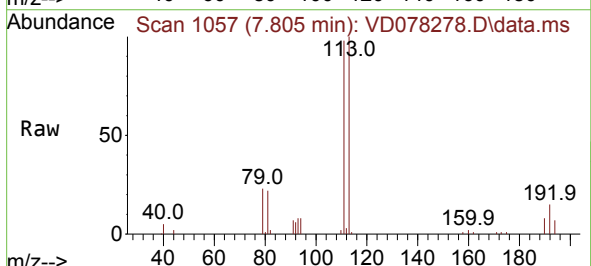
Tgt Ion:113 Resp: 90750

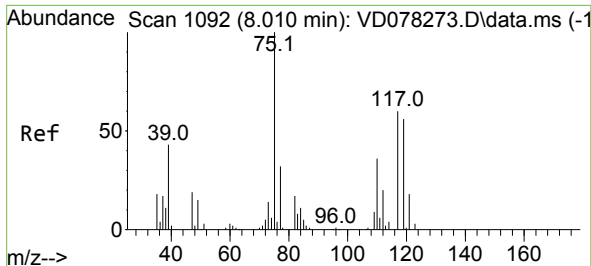
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 16.3 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 3.901 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

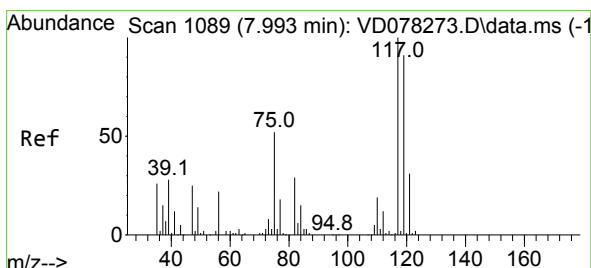
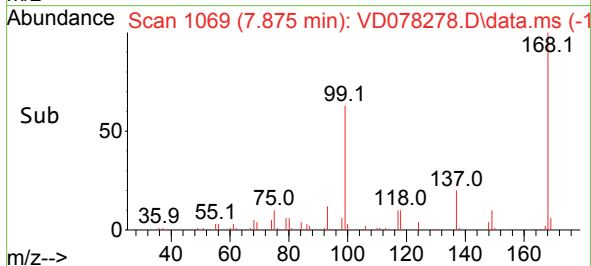
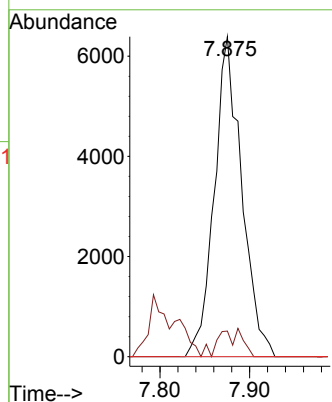
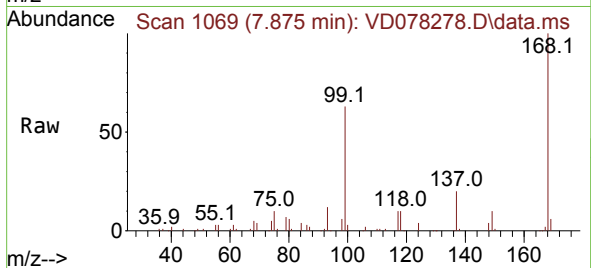
Tgt Ion: 75 Resp: 13520

Ion Ratio Lower Upper

75 100

110 4.8 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.409 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

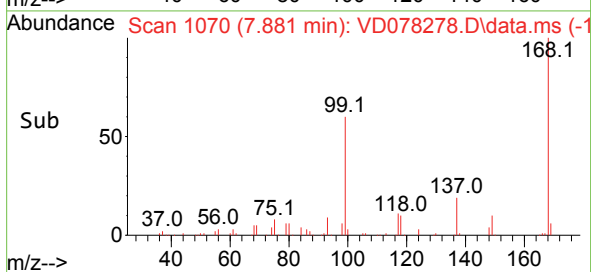
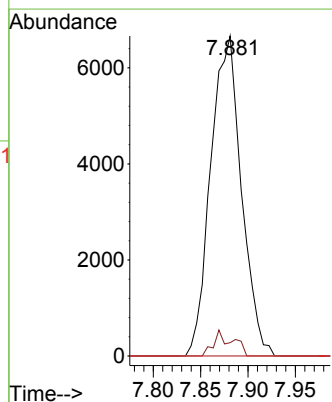
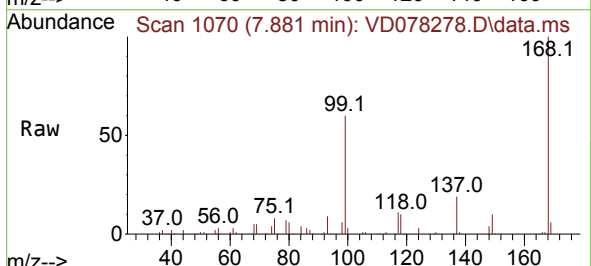
Tgt Ion: 117 Resp: 15026

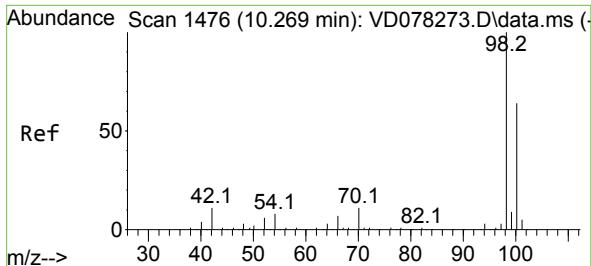
Ion Ratio Lower Upper

117 100

119 4.1 78.0 117.0#

121 0.0 24.2 36.2#

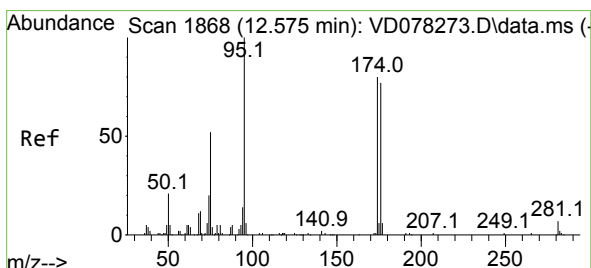
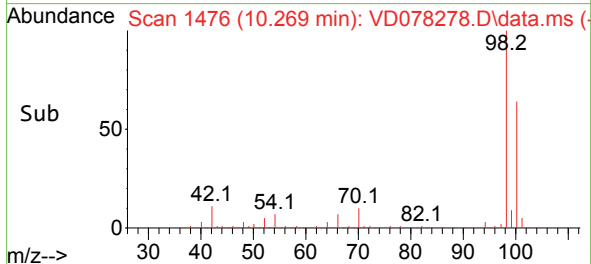
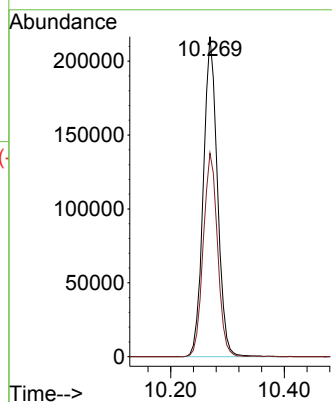
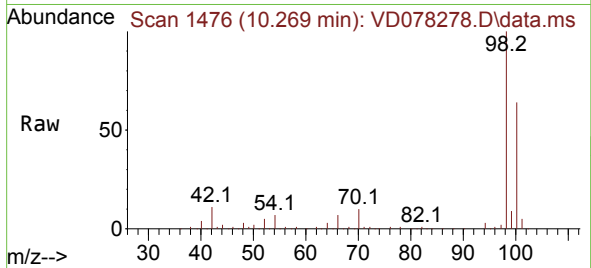




#50
Toluene-d8
Concen: 46.999 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

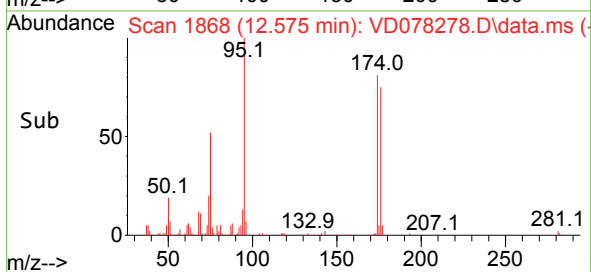
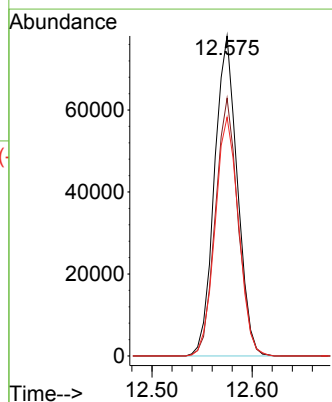
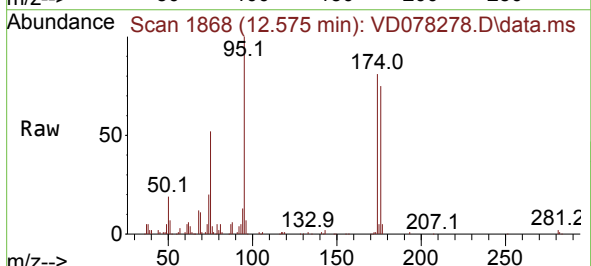
Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

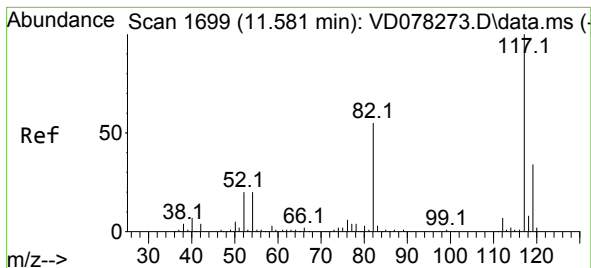
Tgt Ion: 98 Resp: 371932
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Tgt Ion: 95 Resp: 123786
Ion Ratio Lower Upper
95 100
174 79.8 0.0 201.8
176 76.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

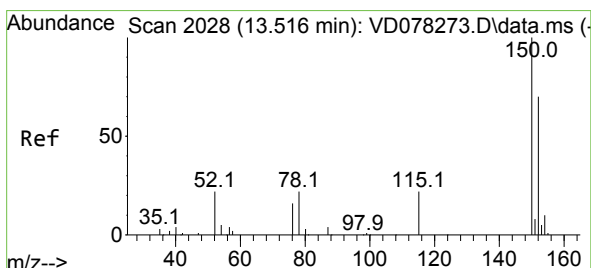
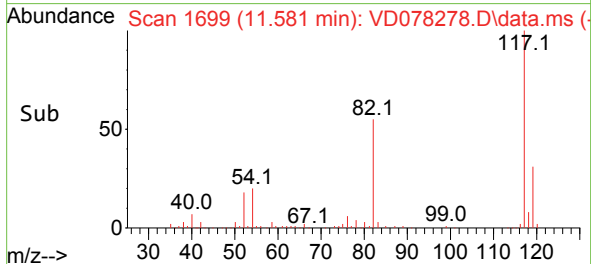
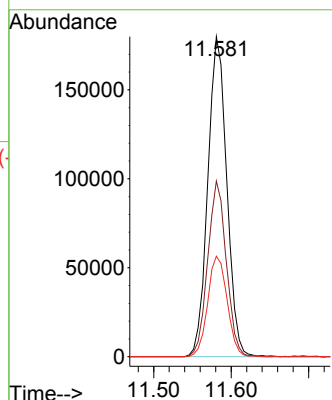
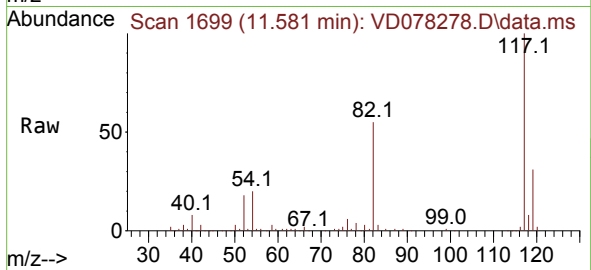
Tgt Ion:117 Resp: 305676

Ion Ratio Lower Upper

117 100

82 54.9 38.3 57.5

119 31.4 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078278.D

Acq: 30 Jan 2024 14:47

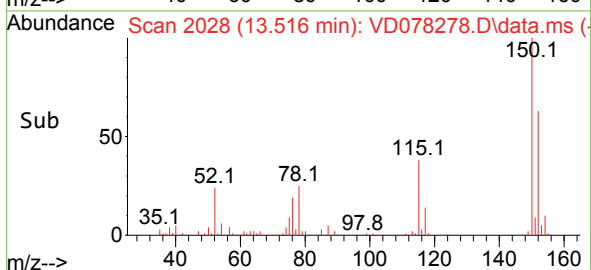
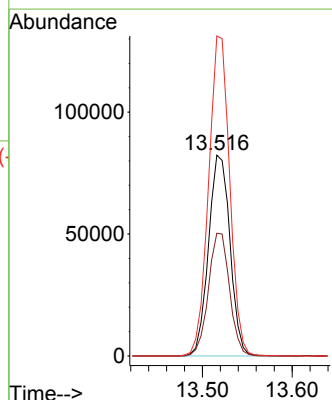
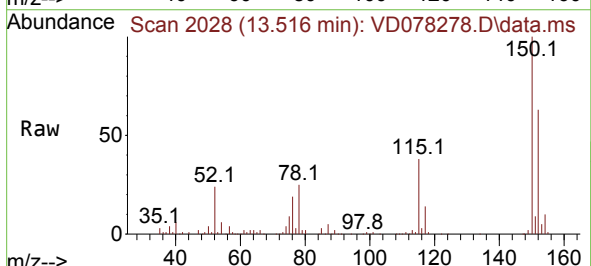
Tgt Ion:152 Resp: 136978

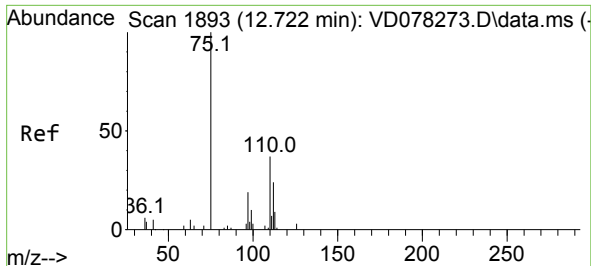
Ion Ratio Lower Upper

152 100

115 60.0 27.1 81.3

150 156.3 0.0 353.6

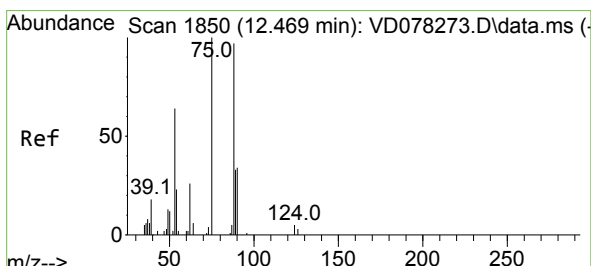
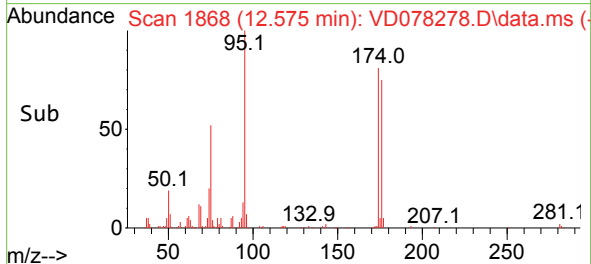
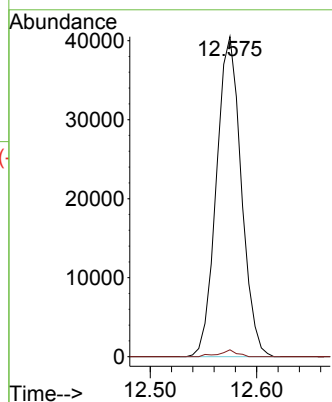
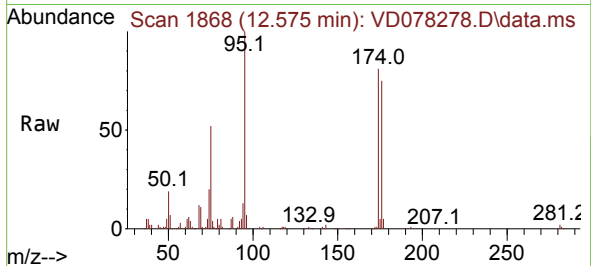




#76
1,2,3-Trichloropropane
Concen: 45.885 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

Tgt Ion: 75 Resp: 65693
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.257 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078278.D
Acq: 30 Jan 2024 14:47

Tgt Ion: 75 Resp: 65693
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

