

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078160.D
 Acq On : 15 Jan 2024 13:29
 Operator : RP/MD
 Sample : P1139-01
 Misc : 5.42G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 16 00:35:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

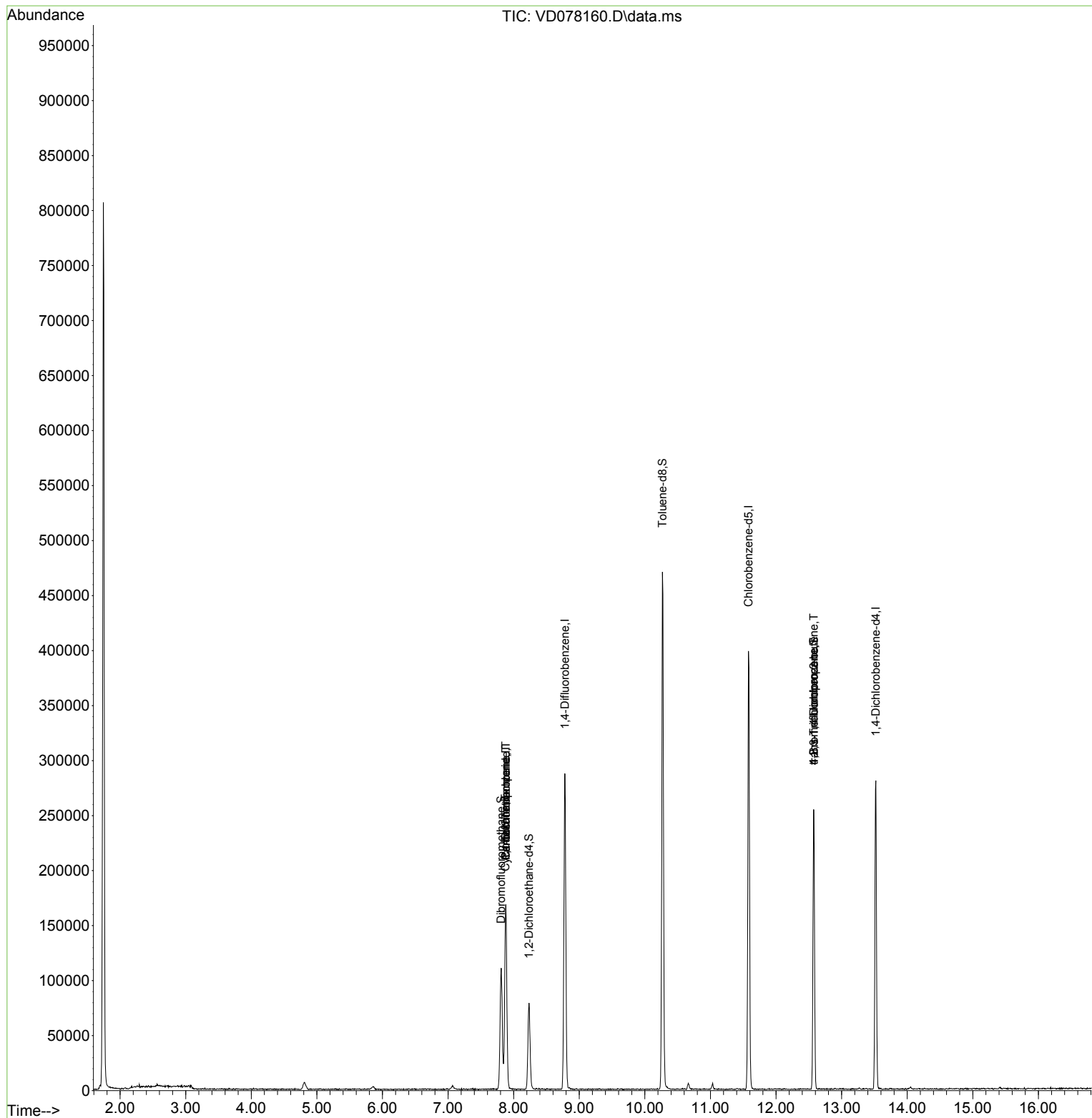
Internal Standards						
1) Pentafluorobenzene	7.881	168	125995	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	253972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	233748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	75277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	60245	45.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.810	113	79205	43.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.540%
50) Toluene-d8	10.269	98	321427	52.362	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.574	95	78971	36.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.920%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	60	Below Cal	#	32
20) Methylene Chloride	4.810	84	5431	Below Cal	#	84
31) Cyclohexane	7.875	56	2855	1.422	ug/l #	2
36) 1,1-Dichloropropene	7.881	75	11064	4.477	ug/l #	48
38) Carbon Tetrachloride	7.881	117	12645	4.443	ug/l #	16
76) 1,2,3-Trichloropropane	12.574	75	42313	57.092	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	42313	127.233	ug/l #	17

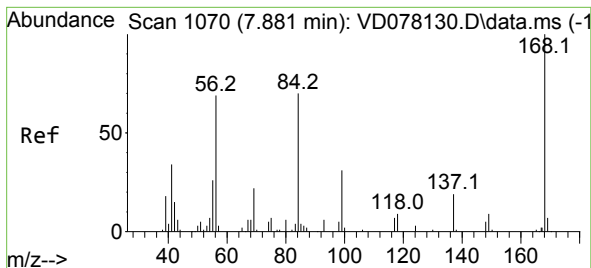
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078160.D

Acq: 15 Jan 2024 13:29

Instrument :

MSVOA_D

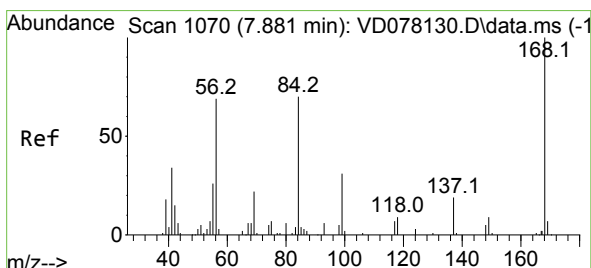
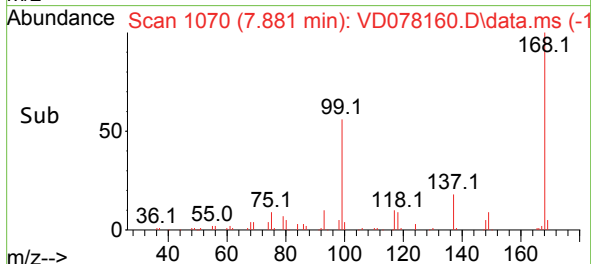
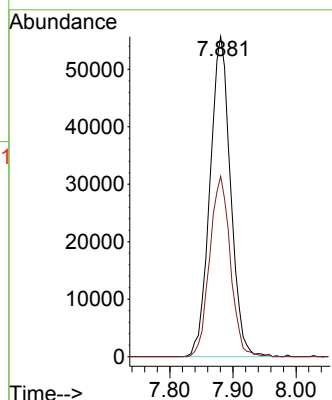
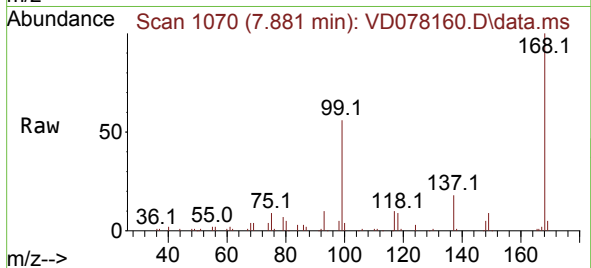
ClientSampleId :

Tgt Ion:168 Resp: 125995

Ion Ratio Lower Upper

168 100

99 56.3 36.7 55.1#



#31

Cyclohexane

Concen: 1.422 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078160.D

Acq: 15 Jan 2024 13:29

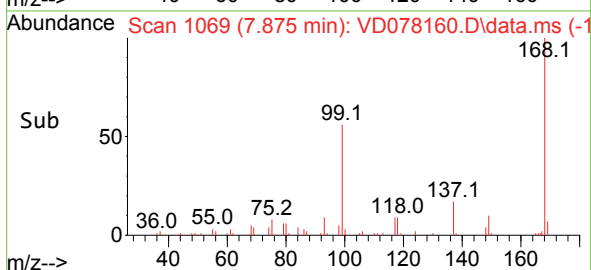
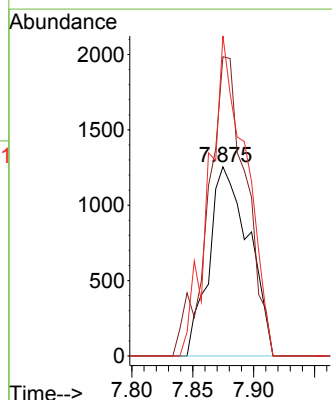
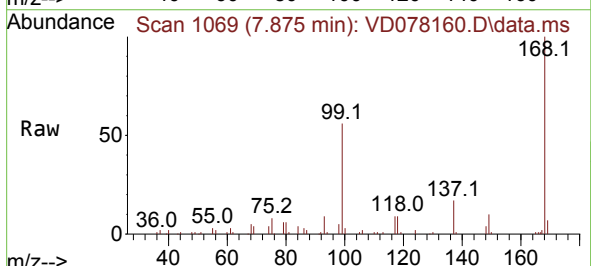
Tgt Ion: 56 Resp: 2855

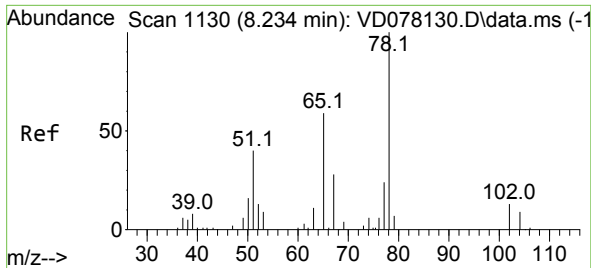
Ion Ratio Lower Upper

56 100

69 158.2 28.6 43.0#

84 169.2 84.8 127.2#

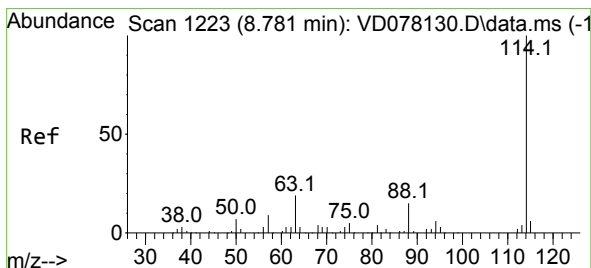
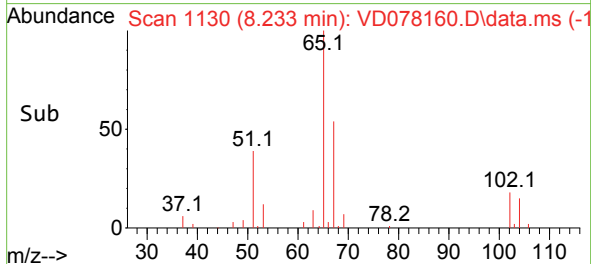
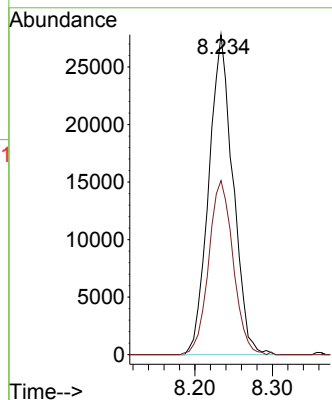
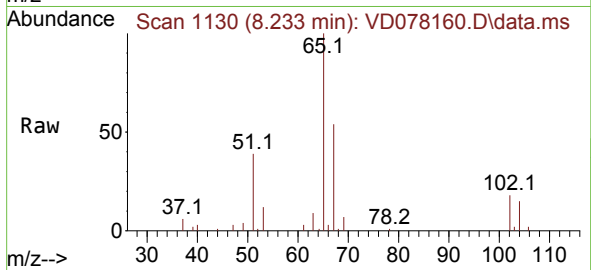




#33
 1,2-Dichloroethane-d4
 Concen: 45.418 ug/l
 RT: 8.233 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD078160.D
 Acq: 15 Jan 2024 13:29

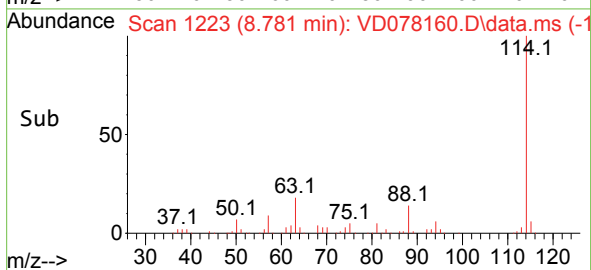
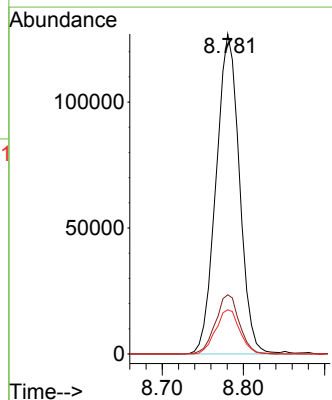
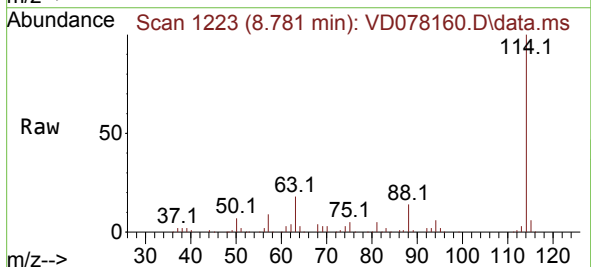
Instrument :
 MSVOA_D
 ClientSampleId :

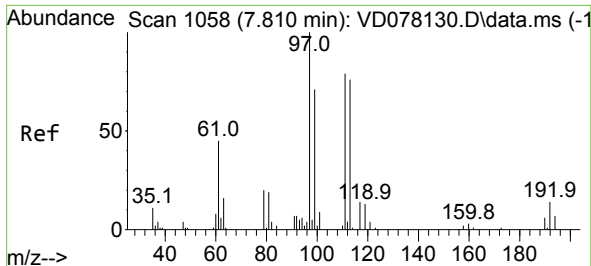
Tgt Ion: 65 Resp: 60245
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078160.D
 Acq: 15 Jan 2024 13:29

Tgt Ion: 114 Resp: 253972
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 33.4
 88 13.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.273 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

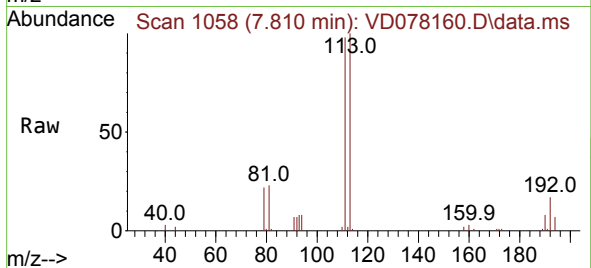
Lab File: VD078160.D

Acq: 15 Jan 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :



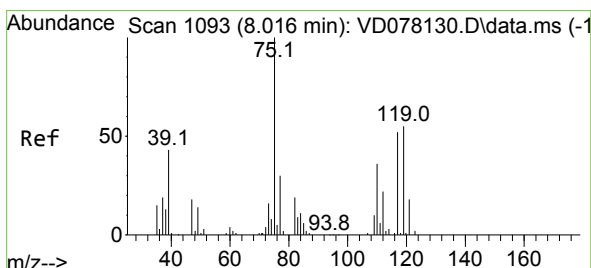
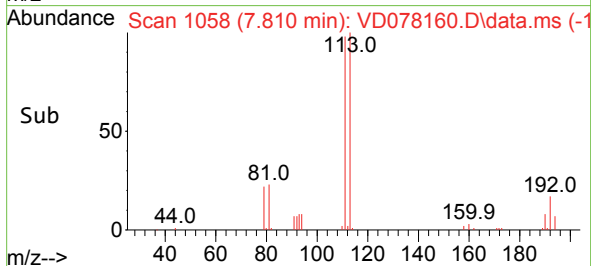
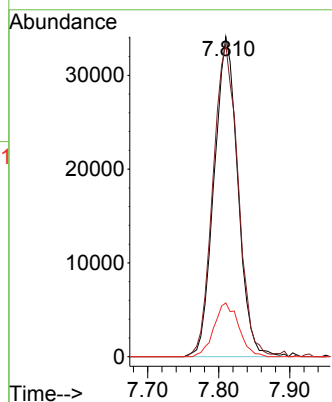
Tgt Ion:113 Resp: 79205

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 17.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.477 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.136 min

Lab File: VD078160.D

Acq: 15 Jan 2024 13:29

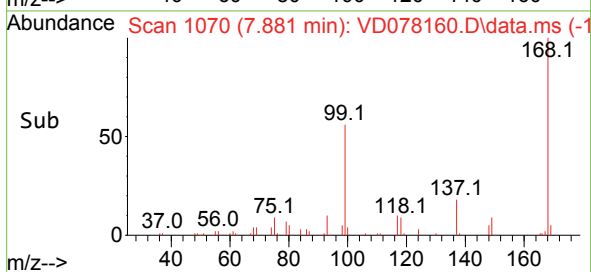
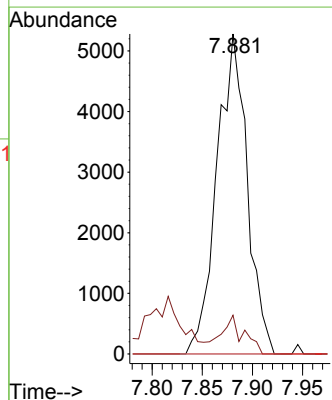
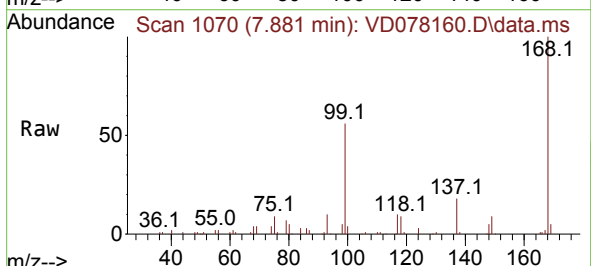
Tgt Ion: 75 Resp: 11064

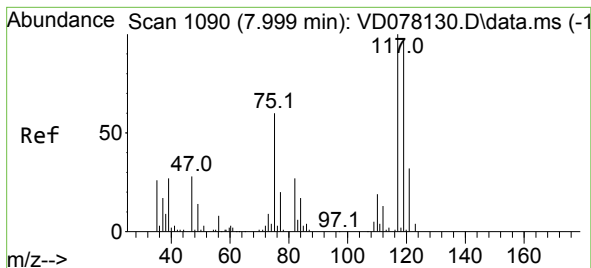
Ion Ratio Lower Upper

75 100

110 9.3 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.443 ug/l

RT: 7.881 min Scan# 1090

Delta R.T. -0.118 min

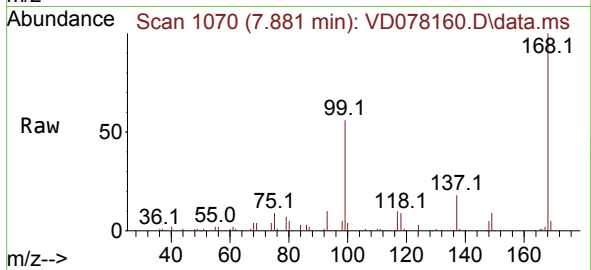
Lab File: VD078160.D

Acq: 15 Jan 2024 13:29

Instrument :

MSVOA_D

ClientSampleId :



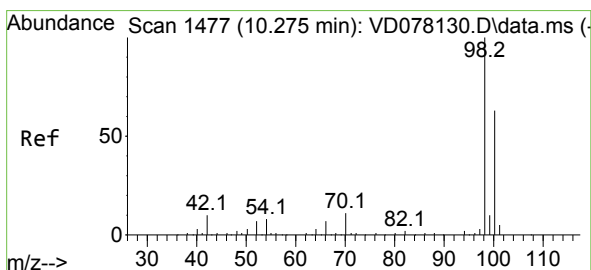
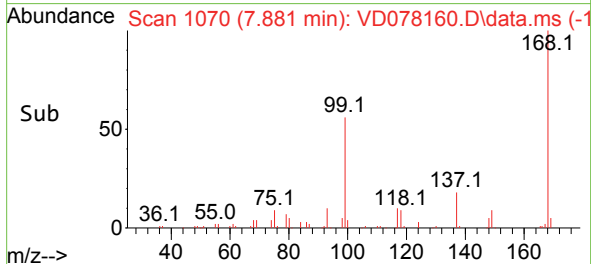
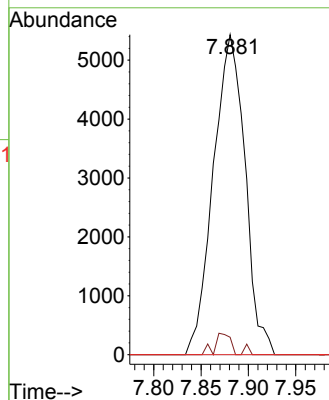
Tgt Ion:117 Resp: 12645

Ion Ratio Lower Upper

117 100

119 5.4 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.362 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078160.D

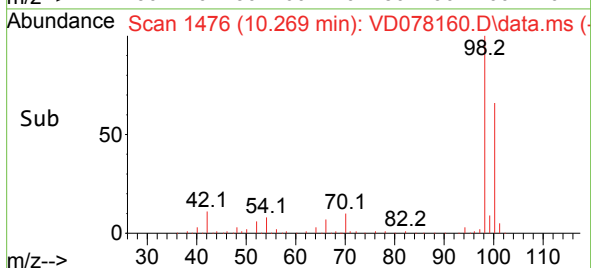
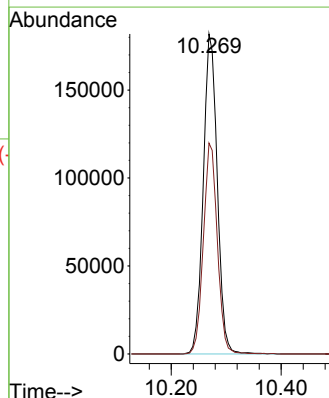
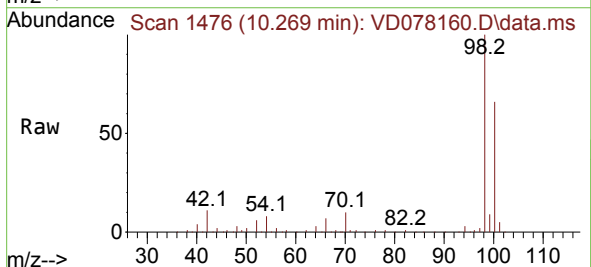
Acq: 15 Jan 2024 13:29

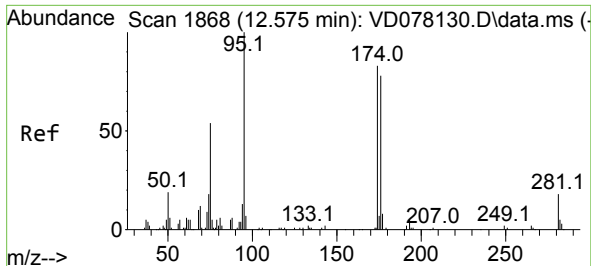
Tgt Ion: 98 Resp: 321427

Ion Ratio Lower Upper

98 100

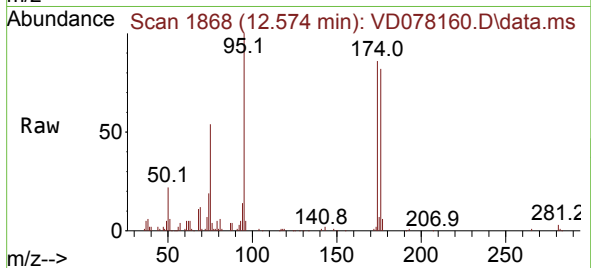
100 65.5 50.3 75.5



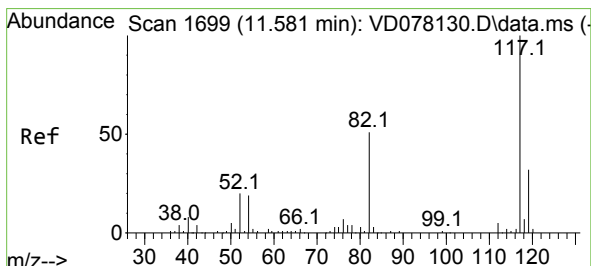
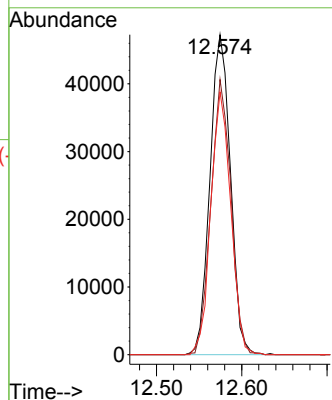
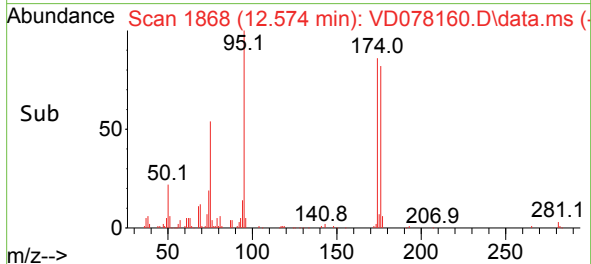


#62
4-Bromofluorobenzene
Concen: 36.956 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078160.D
Acq: 15 Jan 2024 13:29

Instrument :
MSVOA_D
ClientSampleId :

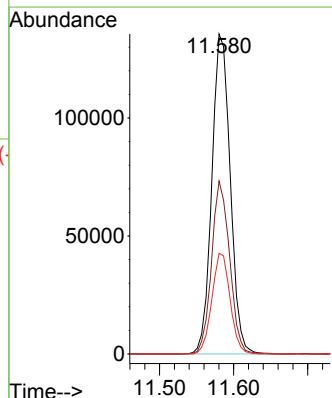
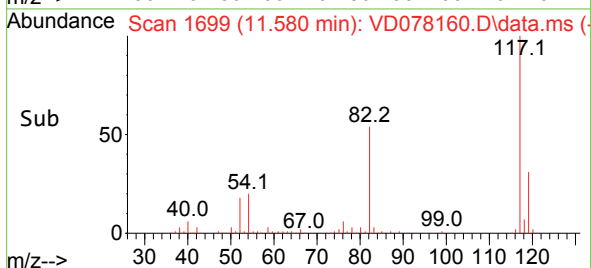
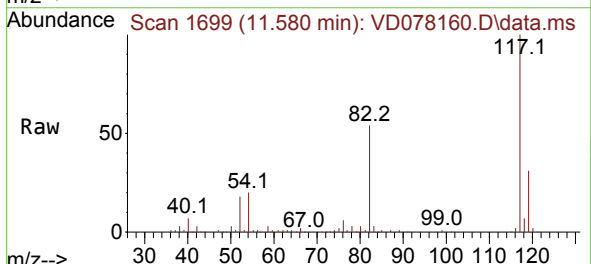


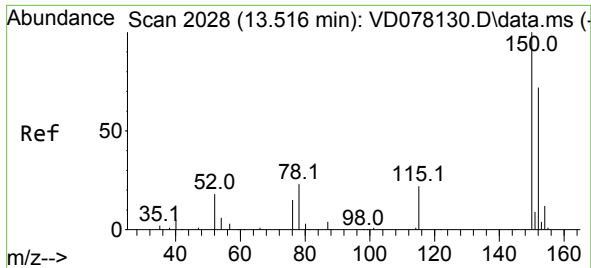
Tgt Ion: 95 Resp: 78971
Ion Ratio Lower Upper
95 100
174 84.0 0.0 201.8
176 79.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078160.D
Acq: 15 Jan 2024 13:29

Tgt Ion: 117 Resp: 233748
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 31.5 25.0 37.4

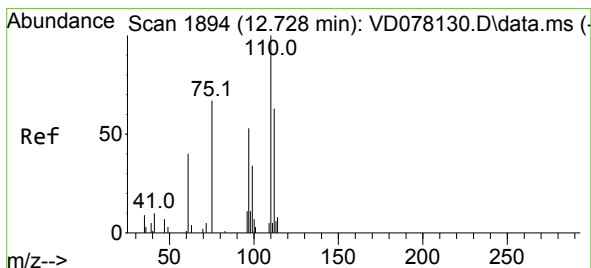
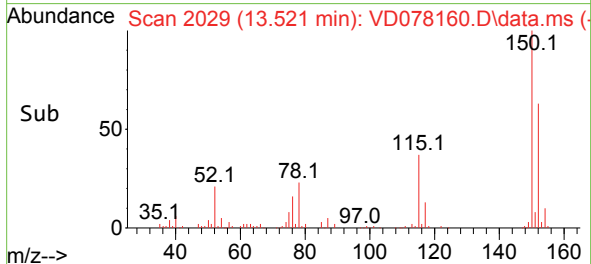
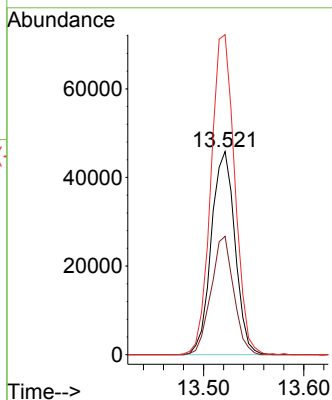
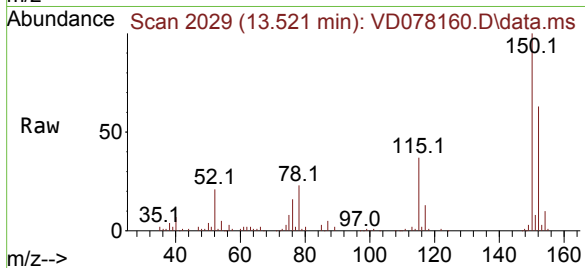




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.521 min Scan# 2028
 Delta R.T. 0.005 min
 Lab File: VD078160.D
 Acq: 15 Jan 2024 13:29

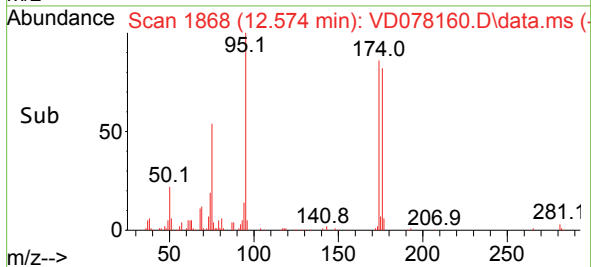
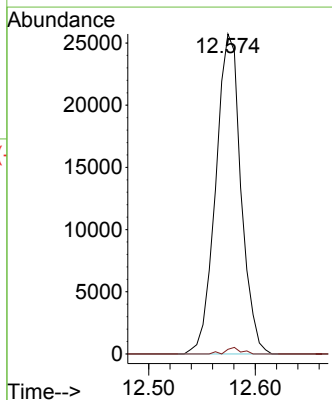
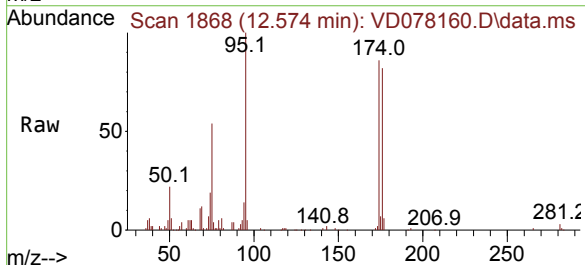
Instrument :
 MSVOA_D
 ClientSampleId :

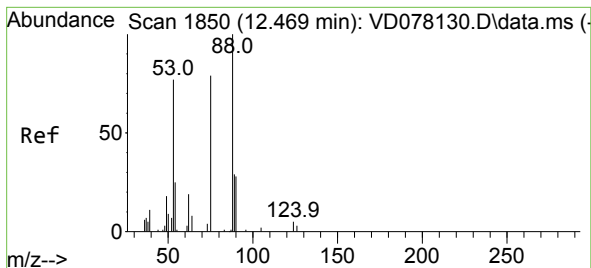
Tgt Ion:152 Resp: 75277
 Ion Ratio Lower Upper
 152 100
 115 55.8 27.1 81.3
 150 158.6 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 57.092 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078160.D
 Acq: 15 Jan 2024 13:29

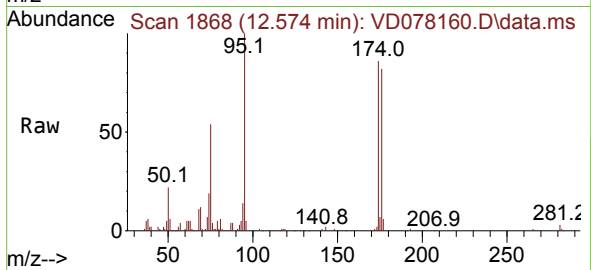
Tgt Ion: 75 Resp: 42313
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.233 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD078160.D
 Acq: 15 Jan 2024 13:29

Instrument :
 MSVOA_D
 ClientSampleId :



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

