

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075160.D
 Acq On : 20 Jan 2023 18:22
 Operator : KP/SY
 Sample : 01233-07
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P37B

Quant Time: Jan 23 00:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

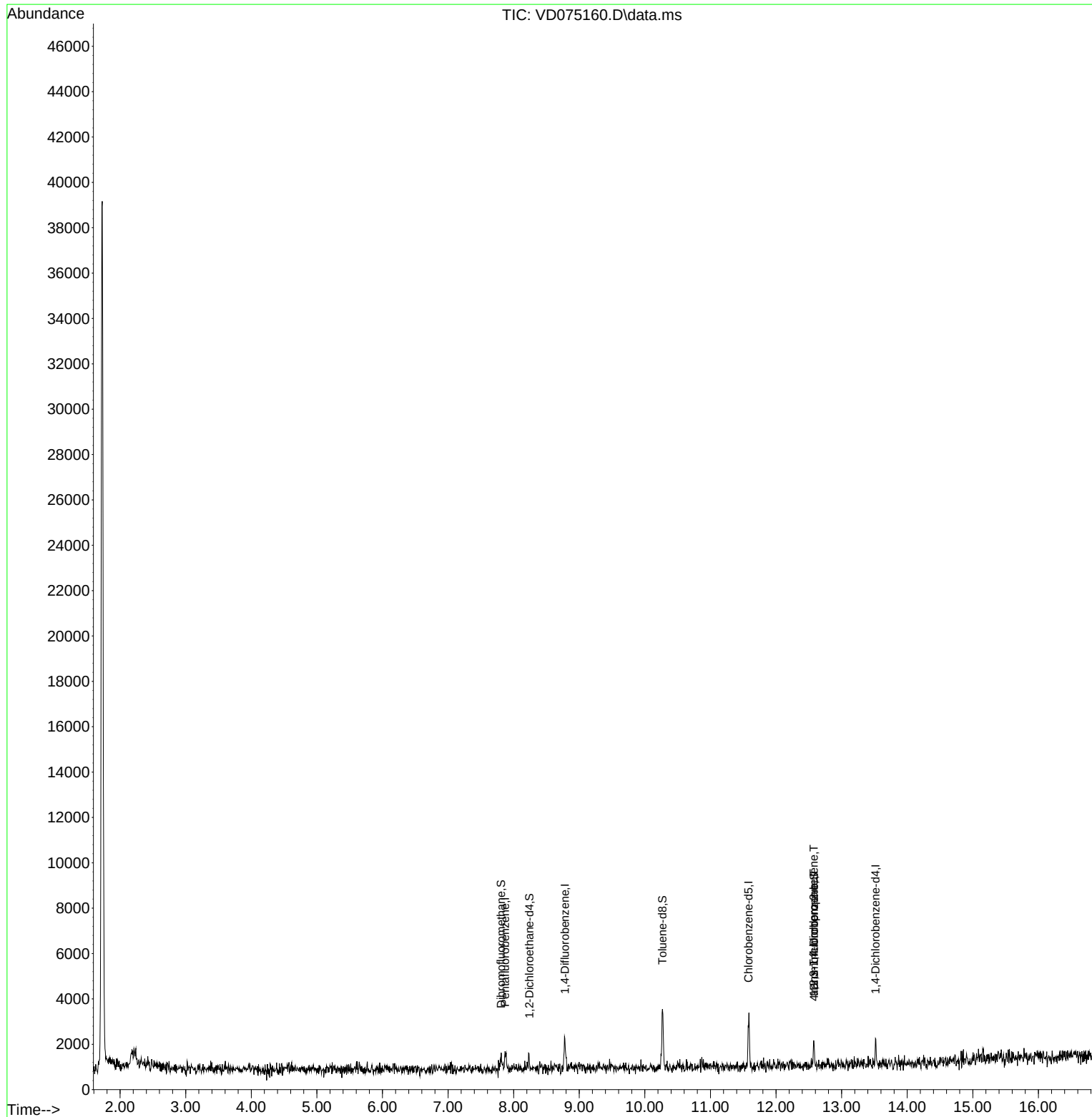
Internal Standards						
1) Pentafluorobenzene	7.869	168	694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	1678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	1420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	451	63.685	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.360%	
35) Dibromofluoromethane	7.810	113	331	32.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 65.280%	
50) Toluene-d8	10.269	98	2126	53.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.581	95	509	40.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.340%	
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.575	75	266	189.203	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	266	438.871	ug/l	# 14

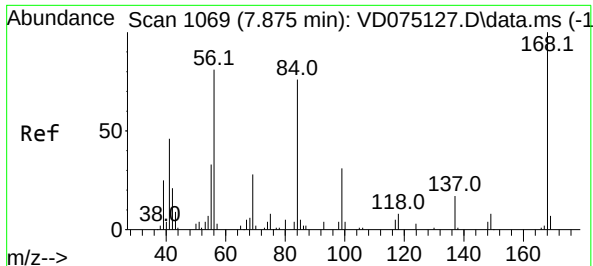
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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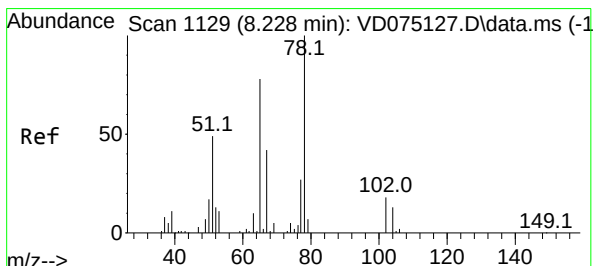
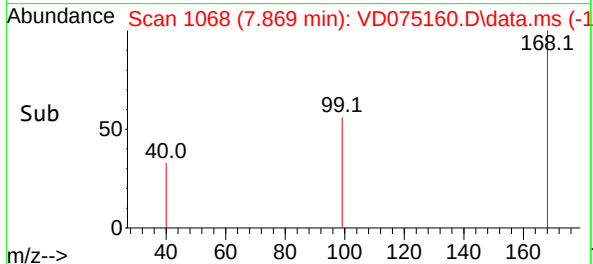
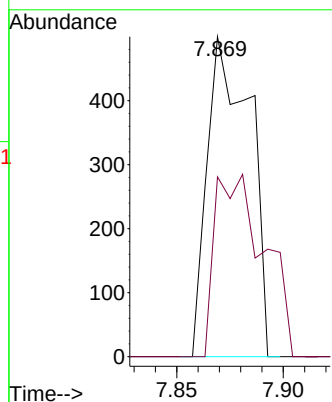
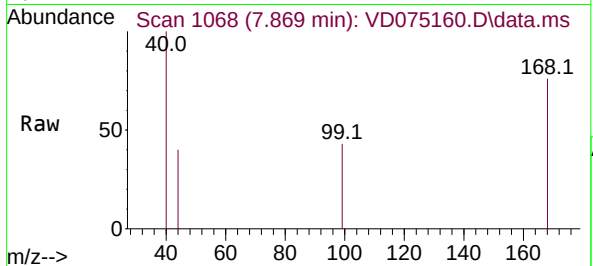




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

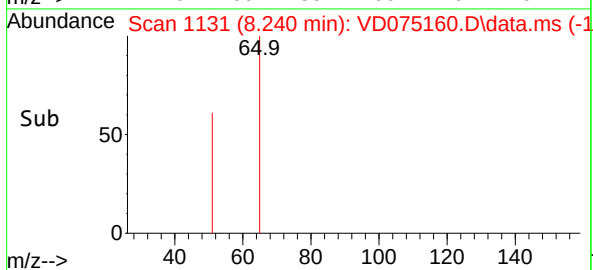
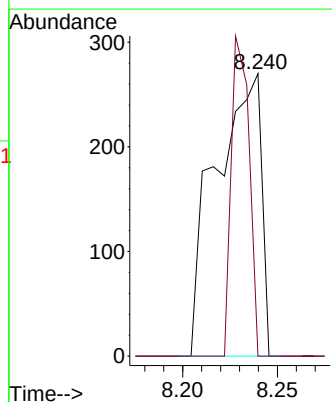
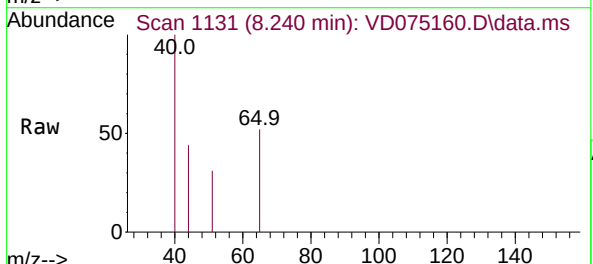
Instrument :
MSVOA_D
ClientSampleId :
B-P37B

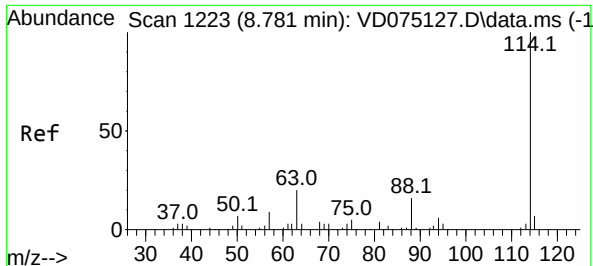
Tgt Ion:168 Resp: 694
Ion Ratio Lower Upper
168 100
99 56.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 63.685 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

Tgt Ion: 65 Resp: 451
Ion Ratio Lower Upper
65 100
67 44.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075160.D

Acq: 20 Jan 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

B-P37B

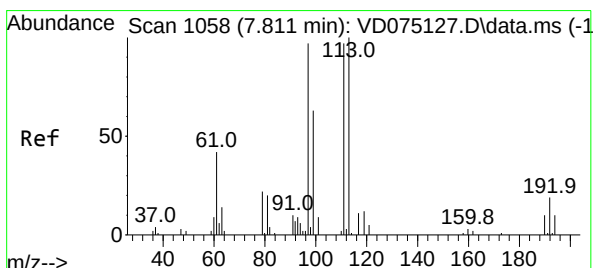
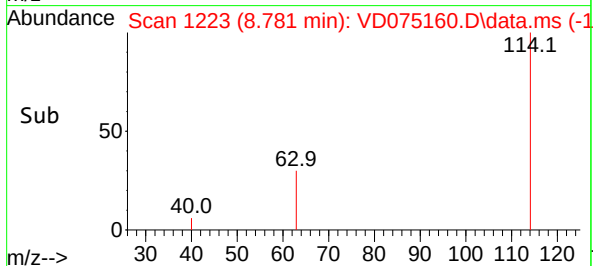
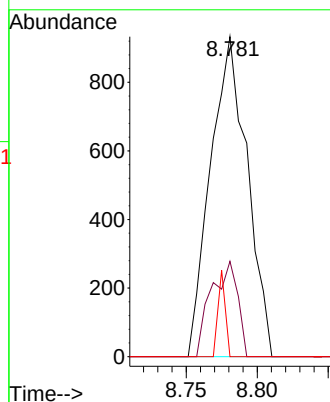
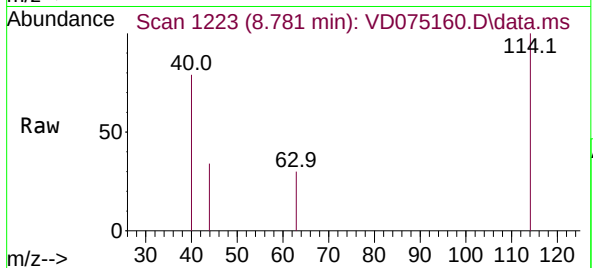
Tgt Ion:114 Resp: 1678

Ion Ratio Lower Upper

114 100

63 29.8 0.0 40.2

88 0.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 32.644 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075160.D

Acq: 20 Jan 2023 18:22

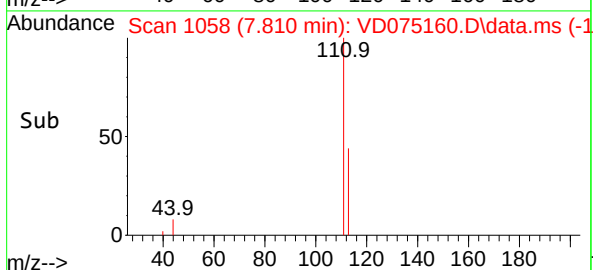
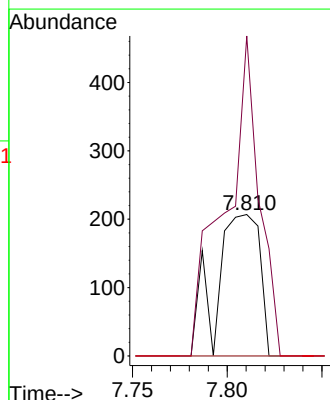
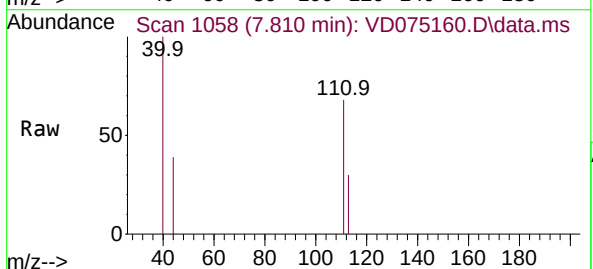
Tgt Ion:113 Resp: 331

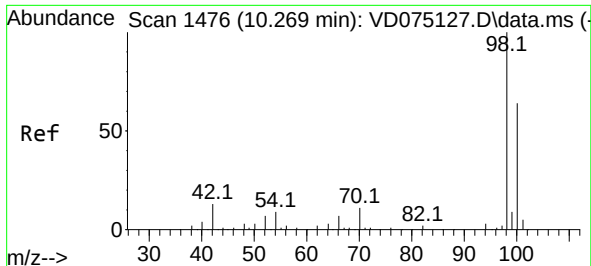
Ion Ratio Lower Upper

113 100

111 177.3 80.1 120.1#

192 0.0 15.4 23.0#

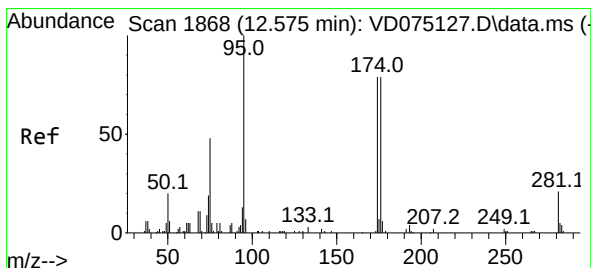
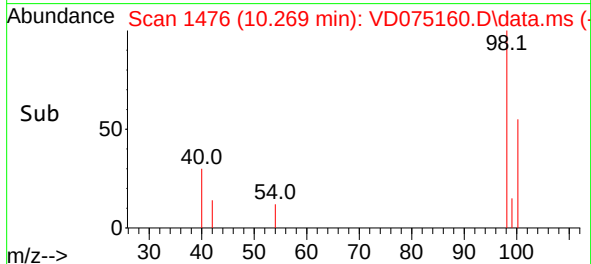
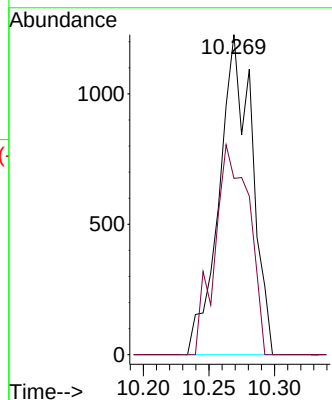
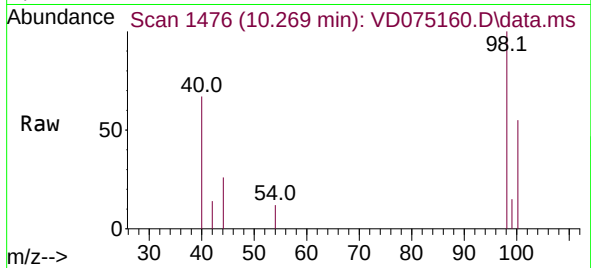




#50
Toluene-d8
Concen: 53.252 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

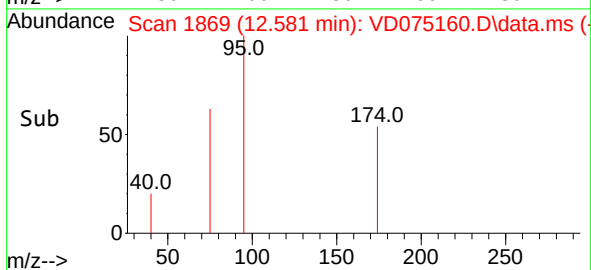
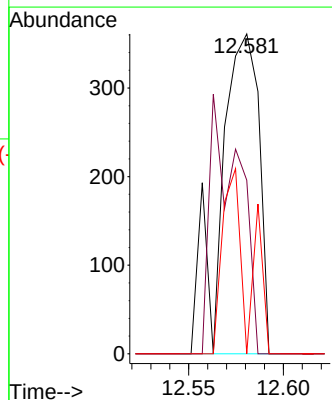
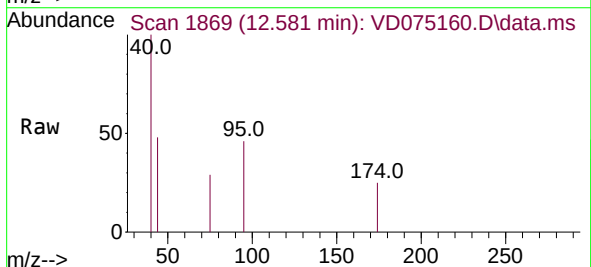
Instrument :
MSVOA_D
ClientSampleId :
B-P37B

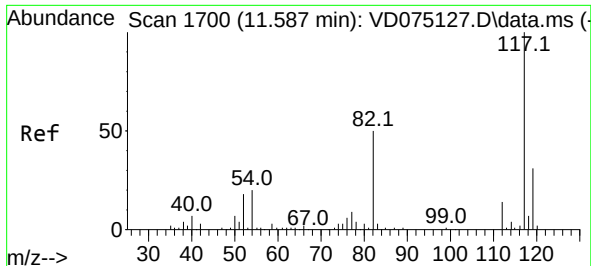
Tgt Ion: 98 Resp: 2126
Ion Ratio Lower Upper
98 100
100 68.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 40.172 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

Tgt Ion: 95 Resp: 509
Ion Ratio Lower Upper
95 100
174 61.3 0.0 161.2
176 38.1 0.0 160.2

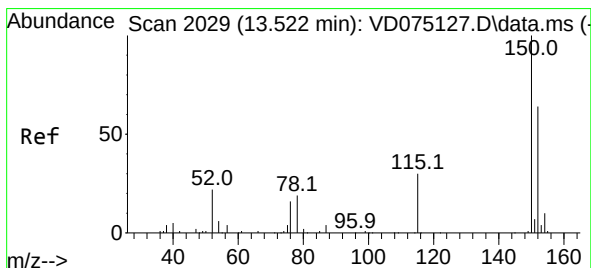
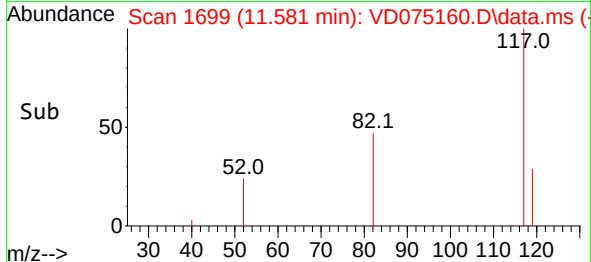
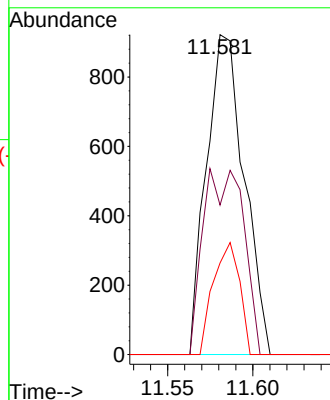
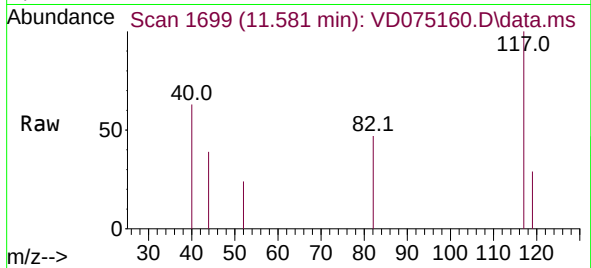




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

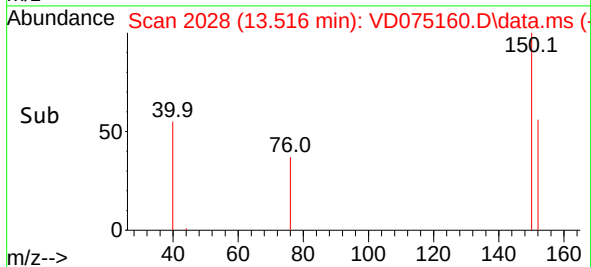
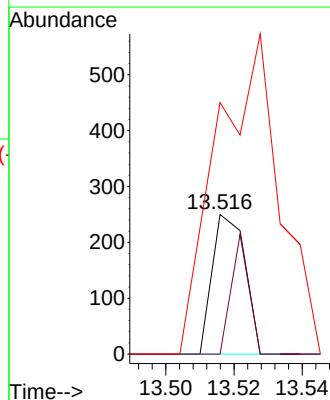
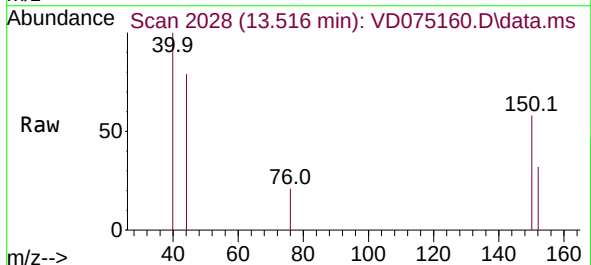
Instrument :
MSVOA_D
ClientSampleId :
B-P37B

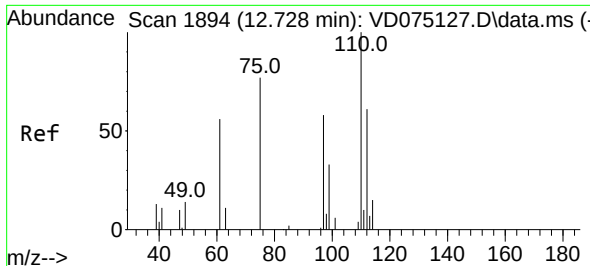
Tgt Ion:117 Resp: 1420
Ion Ratio Lower Upper
117 100
82 46.7 39.6 59.4
119 28.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

Tgt Ion:152 Resp: 166
Ion Ratio Lower Upper
152 100
115 45.8 28.8 86.4
150 440.4 0.0 348.6#

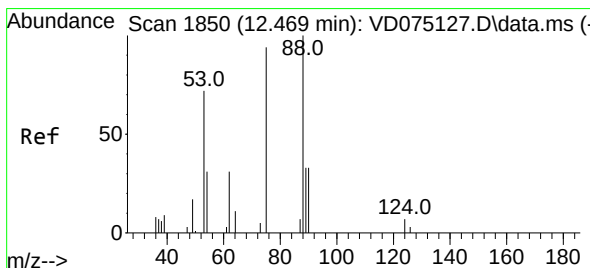
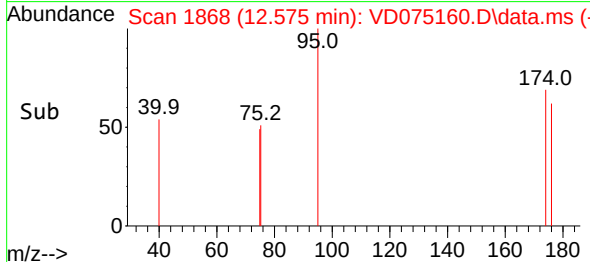
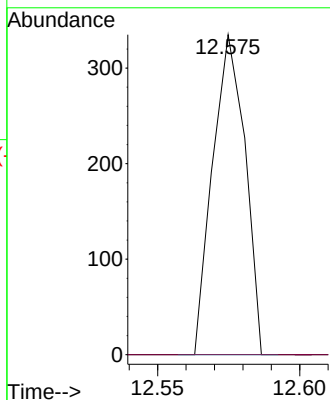
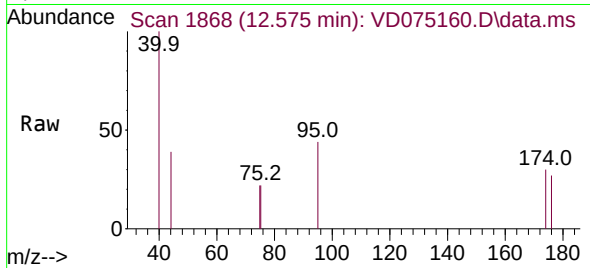




#76
1,2,3-Trichloropropane
Concen: 189.203 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
B-P37B

Tgt Ion: 75 Resp: 266
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 438.871 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075160.D
Acq: 20 Jan 2023 18:22

Tgt Ion: 75 Resp: 266
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

