

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074804.D
 Acq On : 08 Nov 2022 15:07
 Operator : VA/SY
 Sample : N5415-09
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-22

Quant Time: Nov 08 16:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

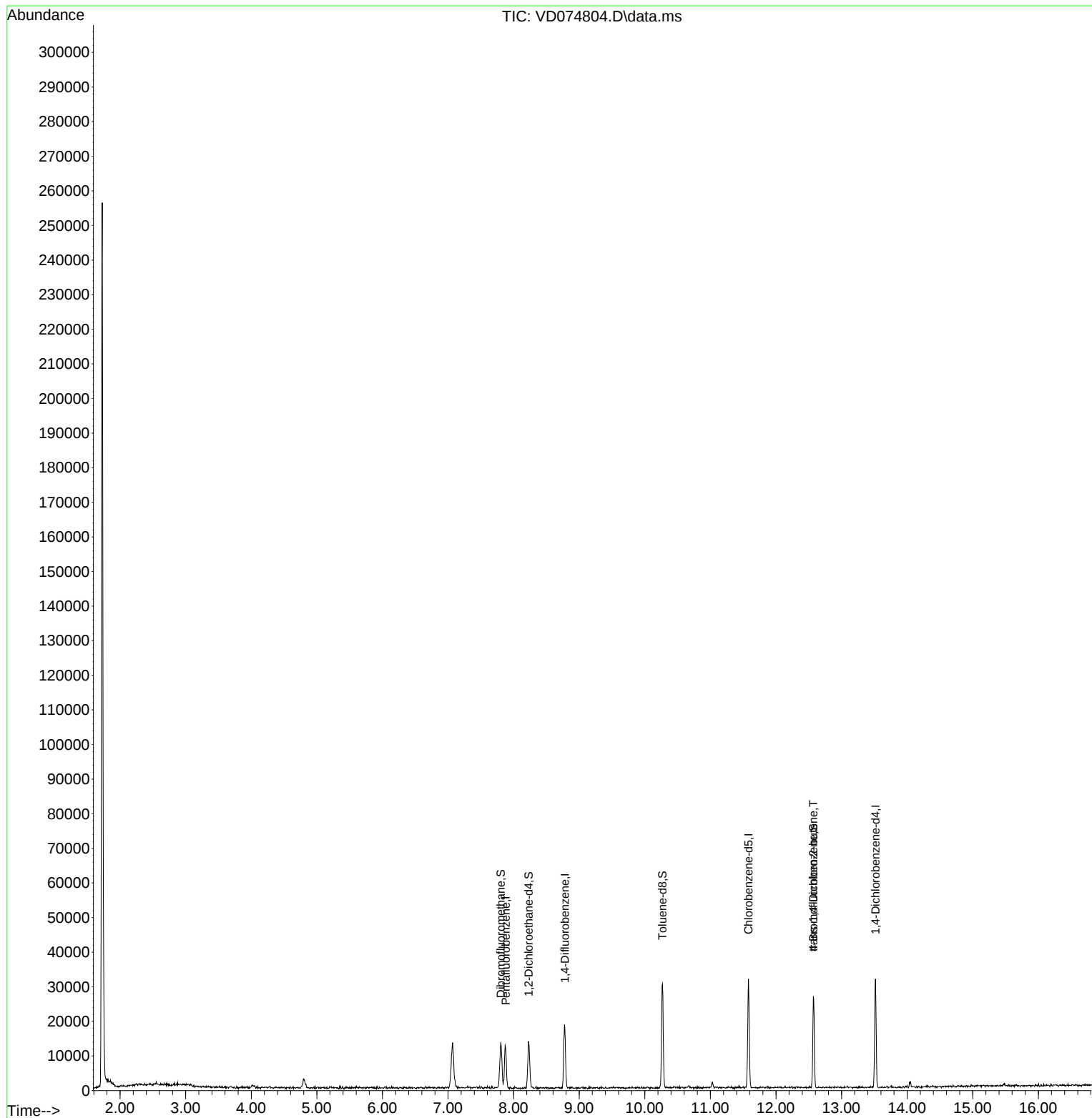
Internal Standards						
1) Pentafluorobenzene	7.881	168	10385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	19193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10674	129.773	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 259.540%#		
35) Dibromofluoromethane	7.805	113	9879	87.013	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 174.020%#		
50) Toluene-d8	10.269	98	22987	55.505	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.020%		
62) 4-Bromofluorobenzene	12.569	95	7838	65.549	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 131.100%		
Target Compounds						
81) trans-1,4-Dichloro-2-b...	12.569	75	4297	128.822	ug/l	Qvalue # 17

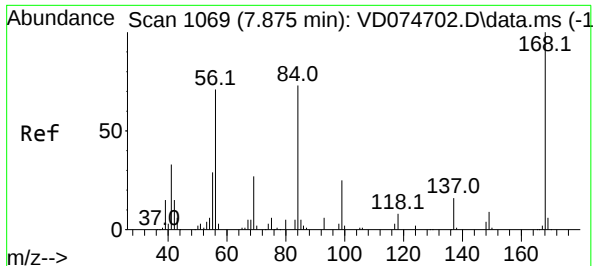
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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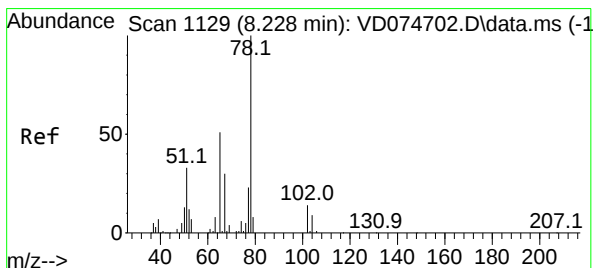
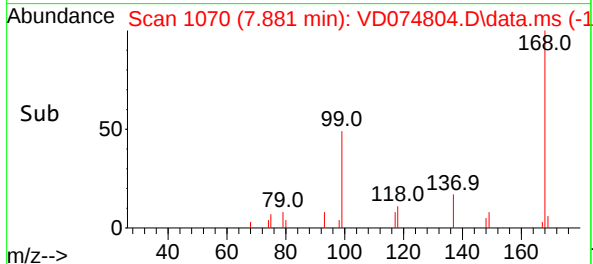
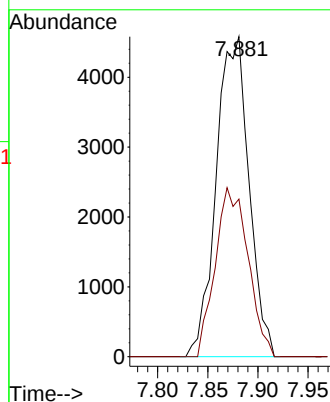
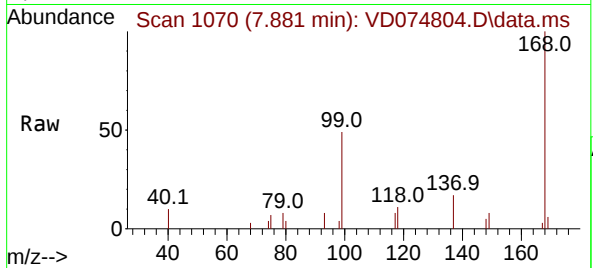




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

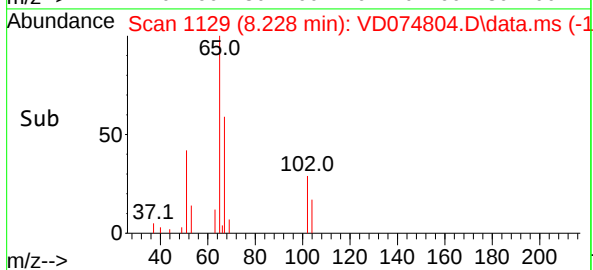
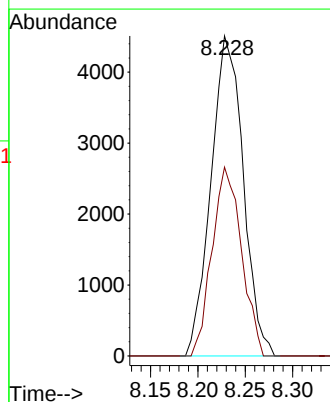
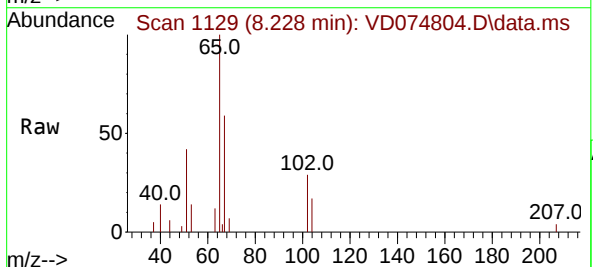
Instrument :
MSVOA_D
ClientSampleId :
R-22

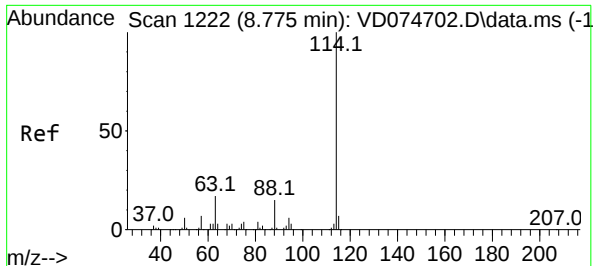
Tgt Ion:168 Resp: 10385
Ion Ratio Lower Upper
168 100
99 49.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 129.773 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Tgt Ion: 65 Resp: 10674
Ion Ratio Lower Upper
65 100
67 53.9 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: VD074804.D

Acq: 08 Nov 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

R-22

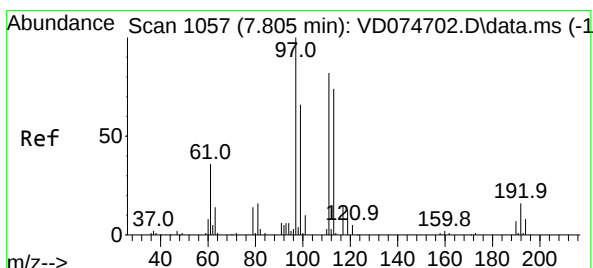
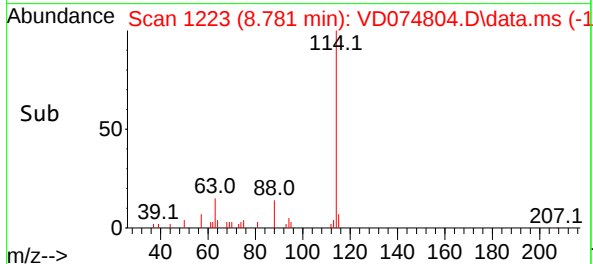
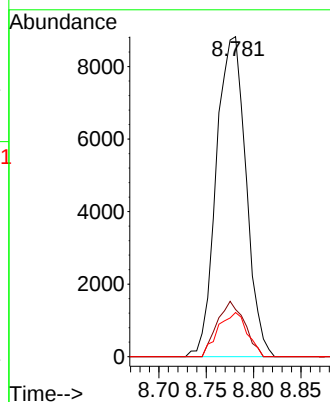
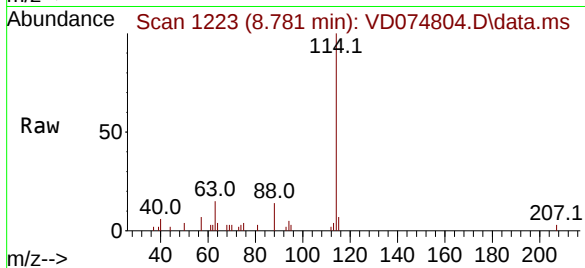
Tgt Ion:114 Resp: 19193

Ion Ratio Lower Upper

114 100

63 14.8 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 87.013 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074804.D

Acq: 08 Nov 2022 15:07

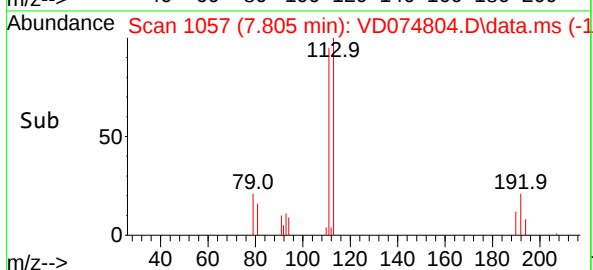
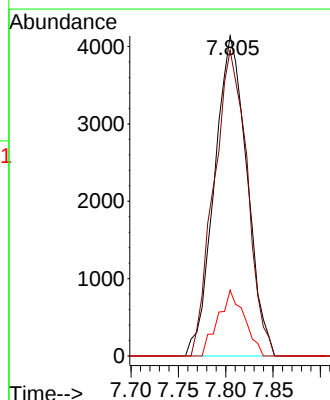
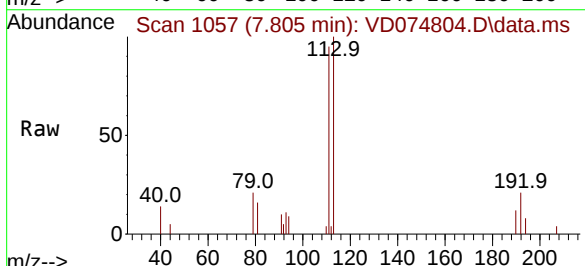
Tgt Ion:113 Resp: 9879

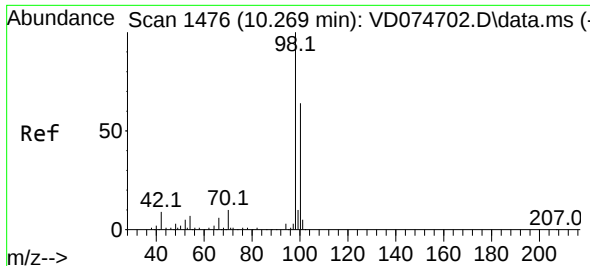
Ion Ratio Lower Upper

113 100

111 97.4 82.3 123.5

192 16.7 16.4 24.6

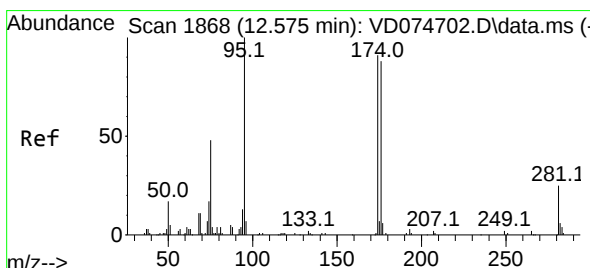
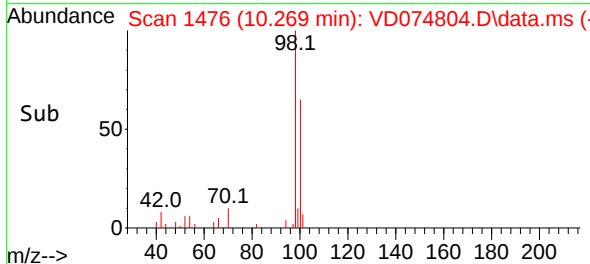
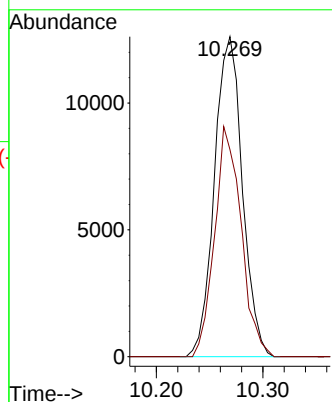
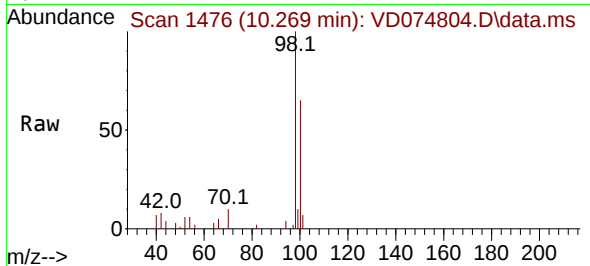




#50
Toluene-d8
Concen: 55.505 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

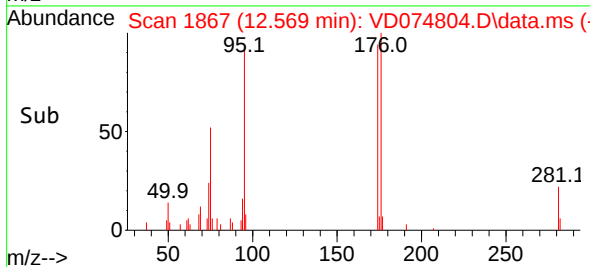
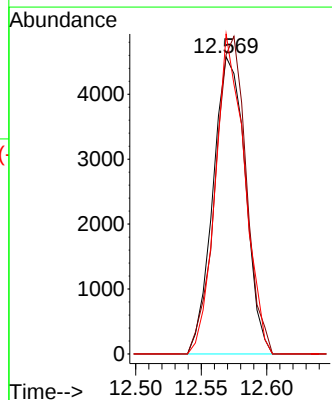
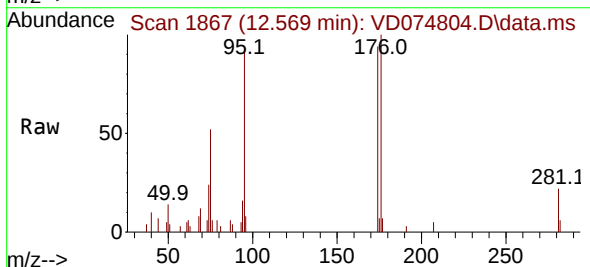
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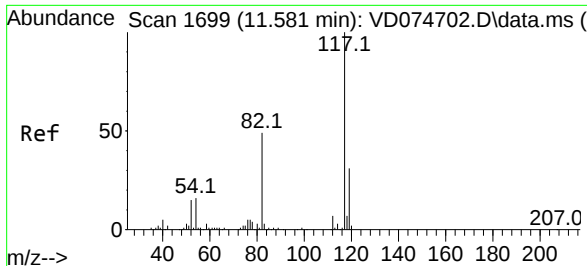
Tgt Ion: 98 Resp: 22987
Ion Ratio Lower Upper
98 100
100 68.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 65.549 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Tgt Ion: 95 Resp: 7838
Ion Ratio Lower Upper
95 100
174 102.2 0.0 197.0
176 97.0 0.0 182.6

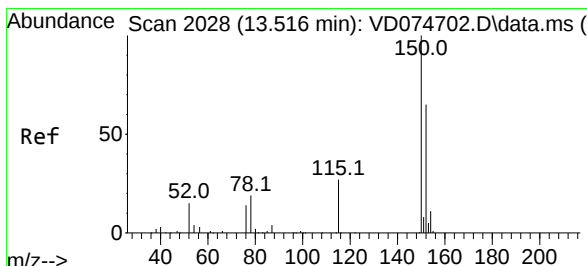
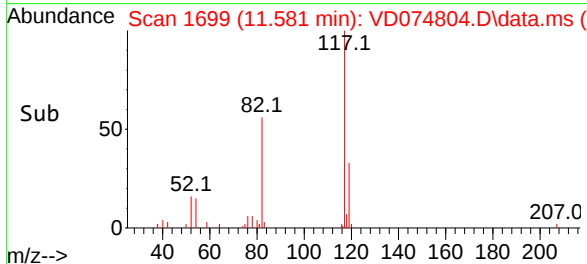
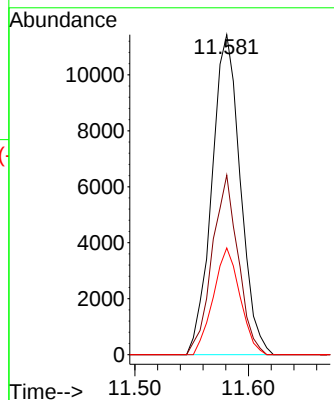
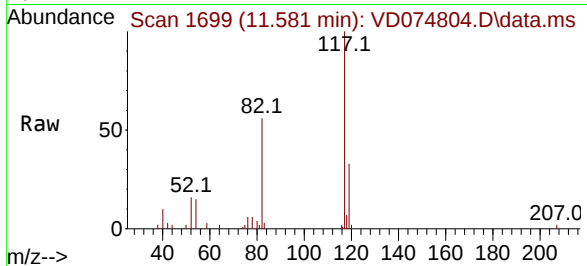




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

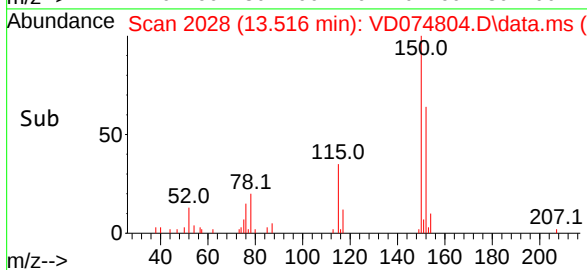
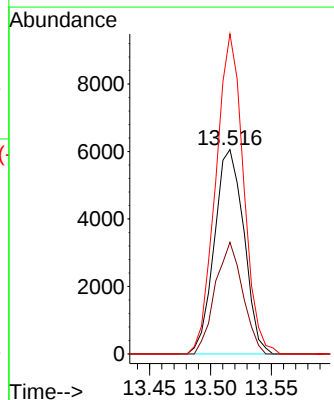
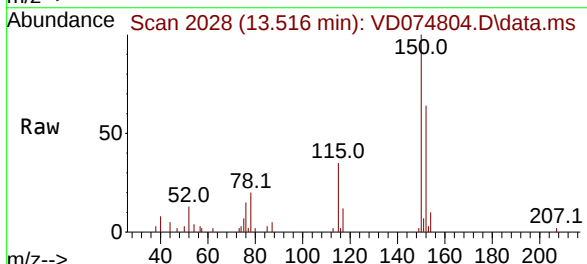
Instrument :
MSVOA_D
ClientSampleId :
R-22

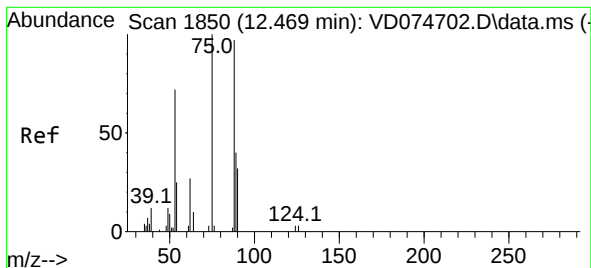
Tgt Ion:	117	Resp:	19926
Ion	Ratio	Lower	Upper
117	100		
82	56.1	41.6	62.4
119	33.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074804.D
Acq: 08 Nov 2022 15:07

Tgt Ion:	152	Resp:	10214
Ion	Ratio	Lower	Upper
152	100		
115	51.0	26.8	80.4
150	147.4	0.0	348.2





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.822 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074804.D
 Acq: 08 Nov 2022 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 R-22

Tgt Ion: 75 Resp: 4297
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

