

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074810.D
 Acq On : 08 Nov 2022 18:21
 Operator : VA/SY
 Sample : N5494-07RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-16RE

Quant Time: Nov 08 23:39:40 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)

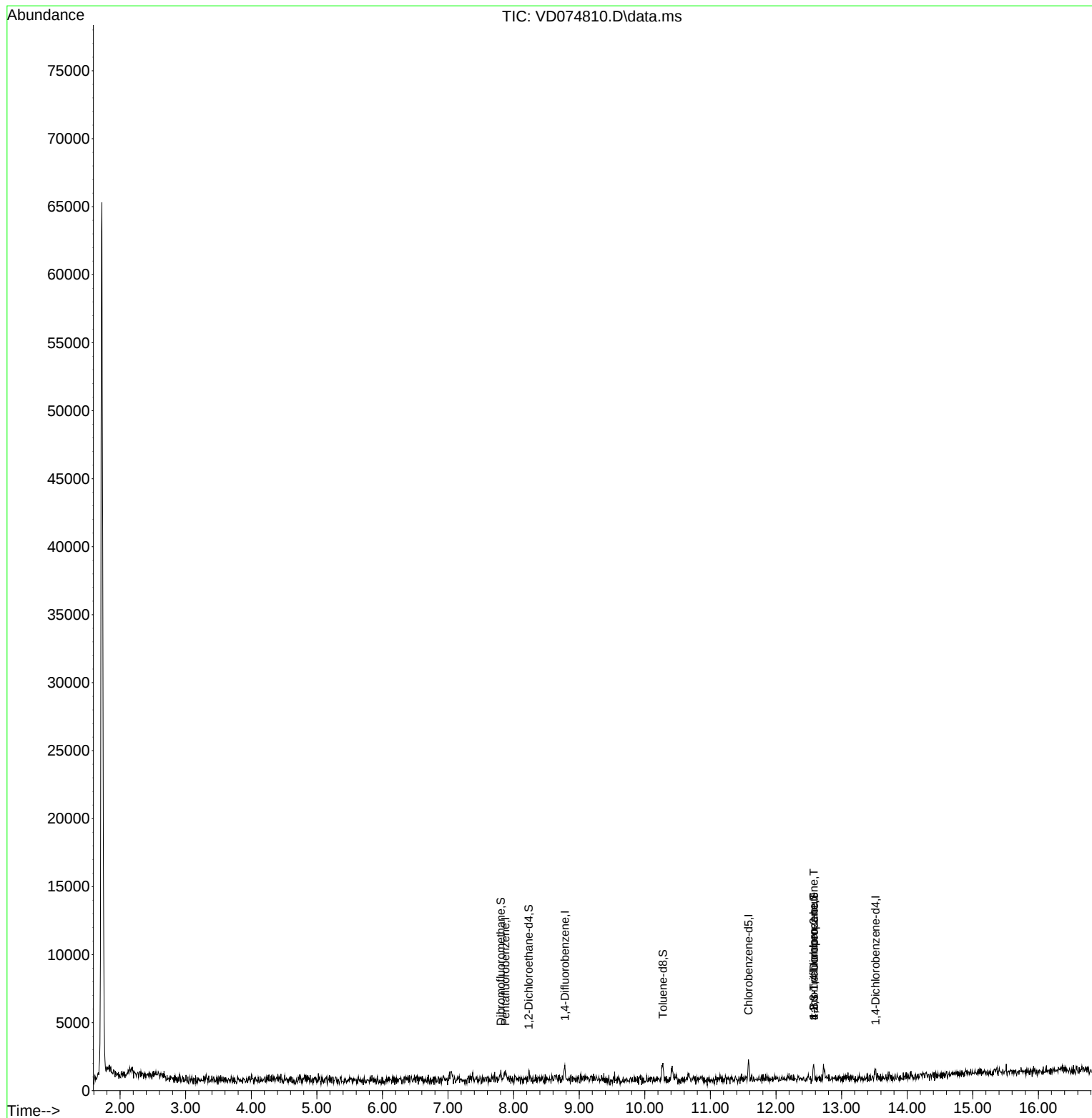
Internal Standards						
1) Pentafluorobenzene	7.875	168	757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	1264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	952	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	335	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	534	89.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.140%	#
35) Dibromofluoromethane	7.805	113	498	66.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.200%	
50) Toluene-d8	10.275	98	1276	46.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.560%	
62) 4-Bromofluorobenzene	12.575	95	205	26.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 52.060%	
Target Compounds						Qvalue
76) 1,2,3-Trichloropropane	12.575	75	67	25.800	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	67	61.242	ug/l #	17

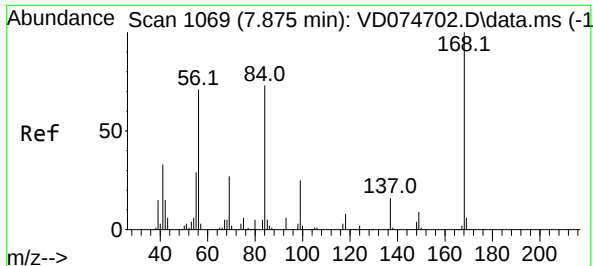
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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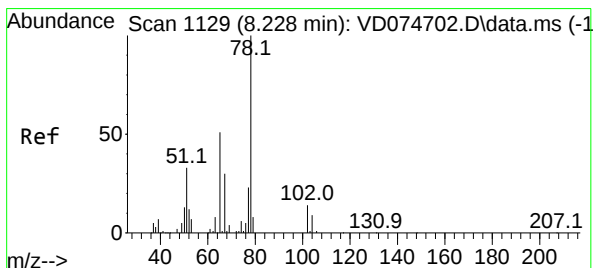
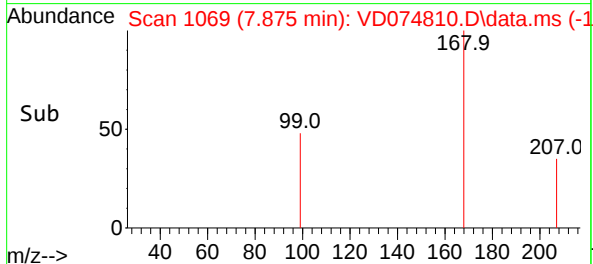
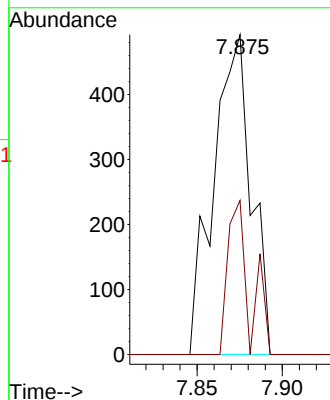
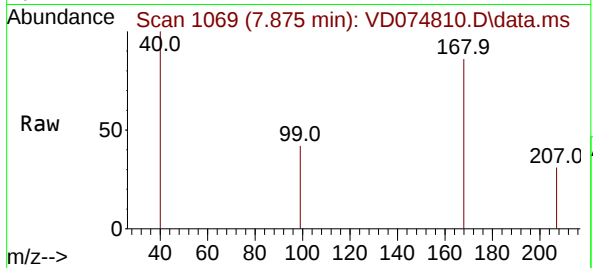




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

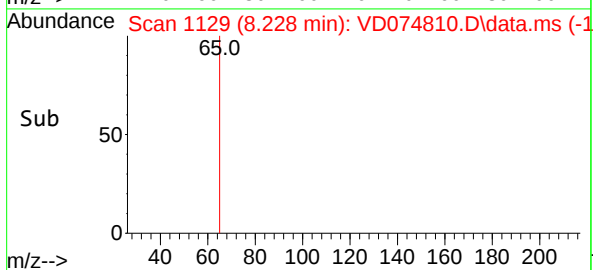
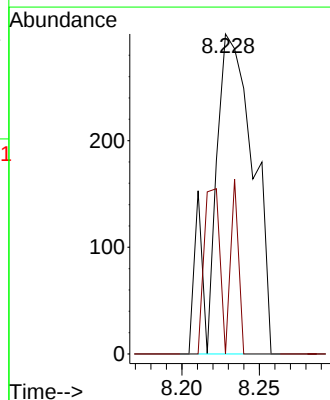
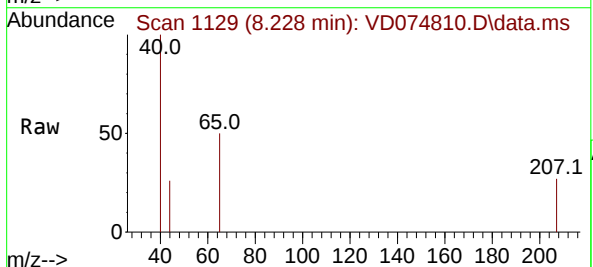
Instrument :
MSVOA_D
ClientSampleId :
SB-16RE

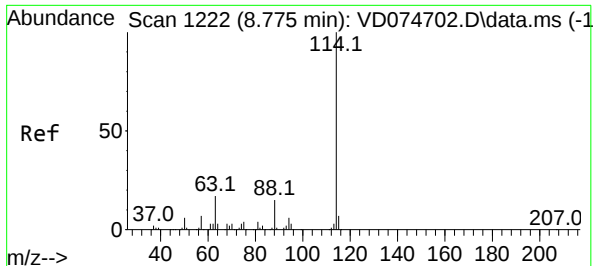
Tgt Ion:168 Resp: 757
Ion Ratio Lower Upper
168 100
99 48.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 89.065 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

Tgt Ion: 65 Resp: 534
Ion Ratio Lower Upper
65 100
67 31.1 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: VD074810.D

Acq: 08 Nov 2022 18:21

Instrument :

MSVOA_D

ClientSampleId :

SB-16RE

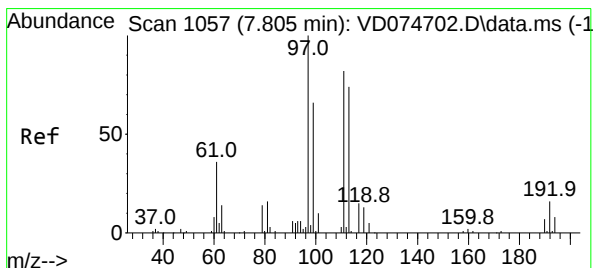
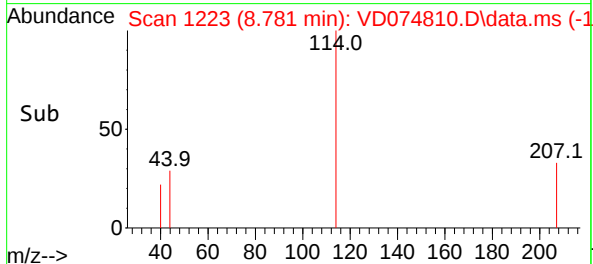
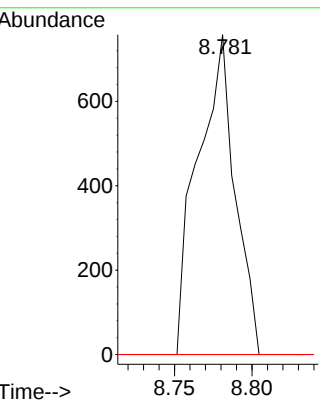
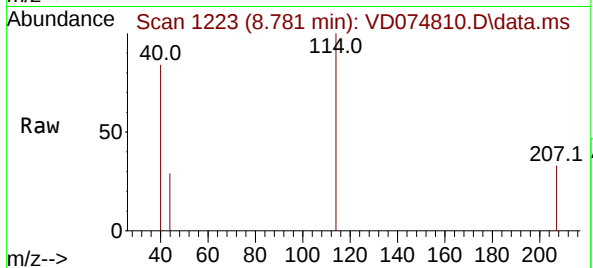
Tgt Ion:114 Resp: 1264

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 0.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 66.604 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074810.D

Acq: 08 Nov 2022 18:21

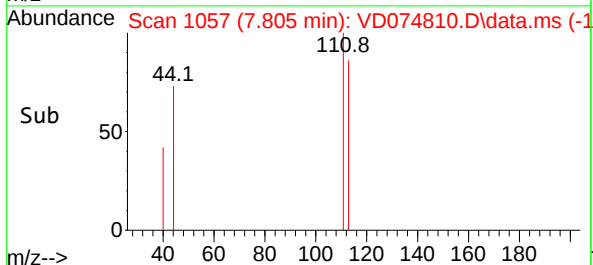
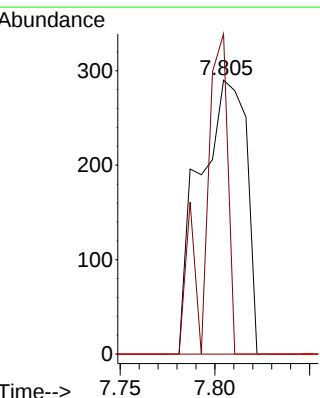
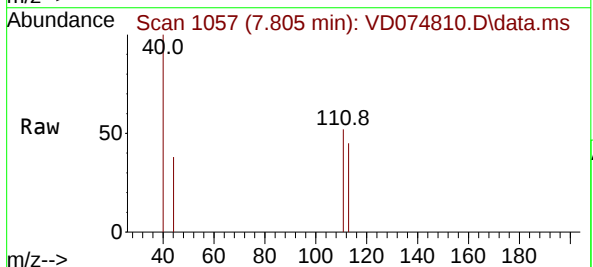
Tgt Ion:113 Resp: 498

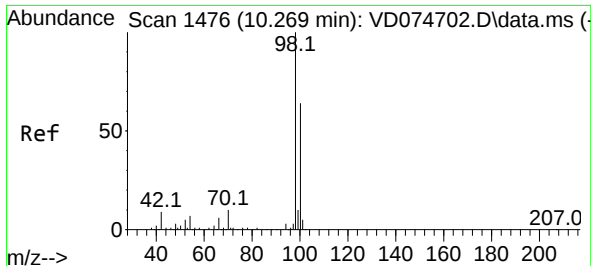
Ion Ratio Lower Upper

113 100

111 56.6 82.3 123.5#

192 0.0 16.4 24.6#

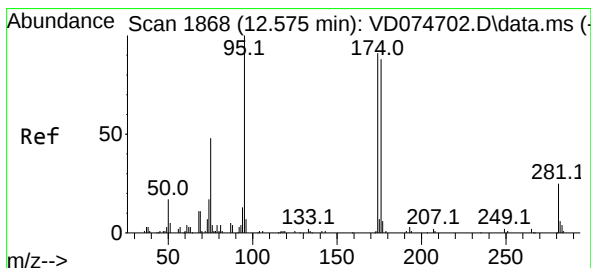
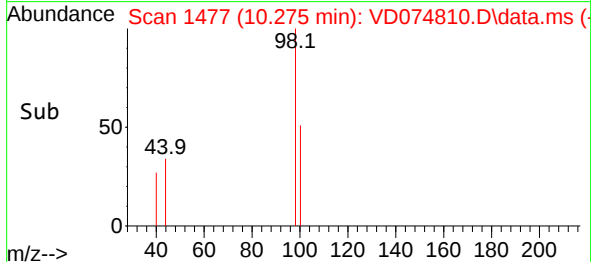
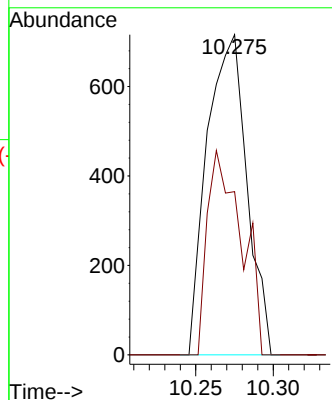
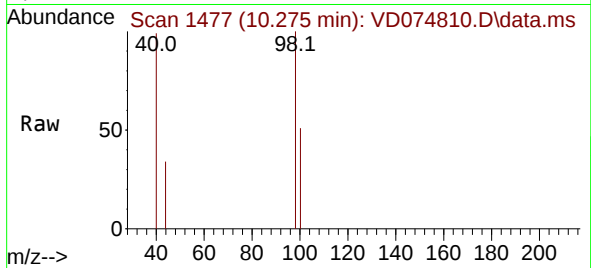




#50
Toluene-d8
Concen: 46.784 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

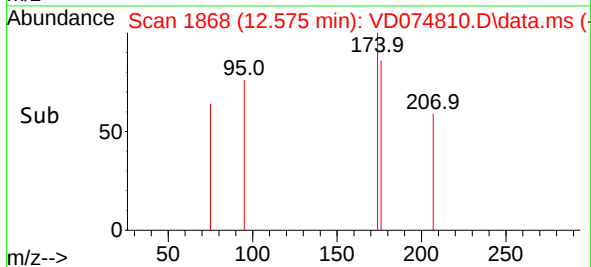
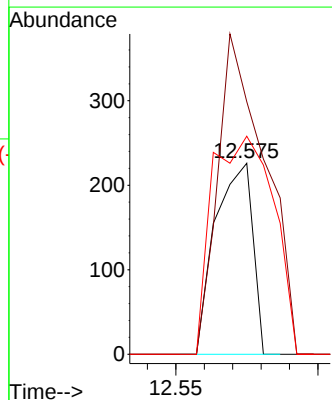
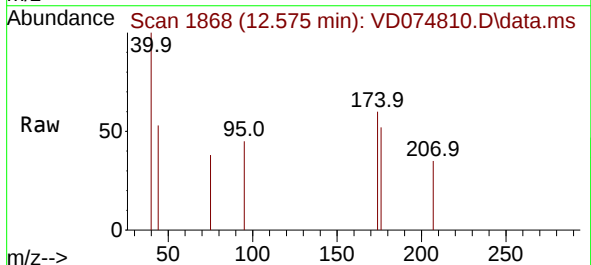
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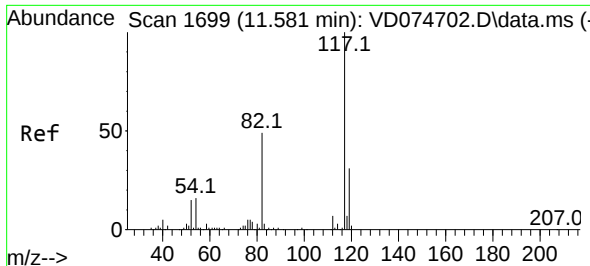
Tgt Ion: 98 Resp: 1276
Ion Ratio Lower Upper
98 100
100 54.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 26.032 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

Tgt Ion: 95 Resp: 205
Ion Ratio Lower Upper
95 100
174 214.1 0.0 197.0#
176 189.8 0.0 182.6#

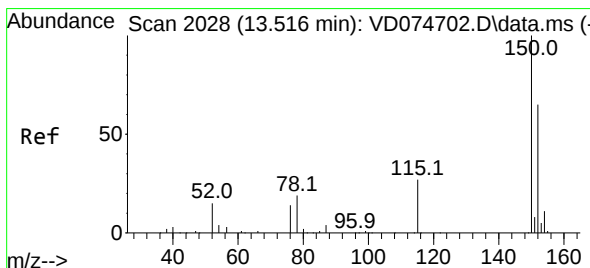
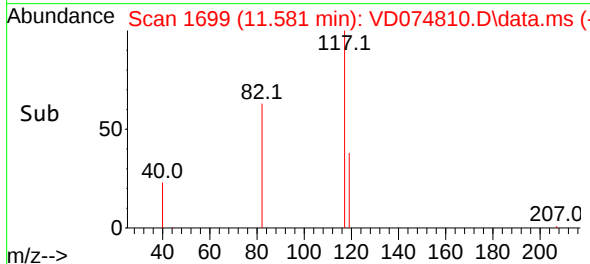
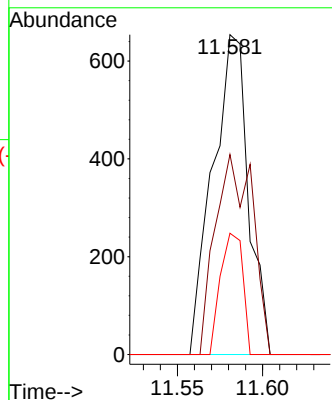
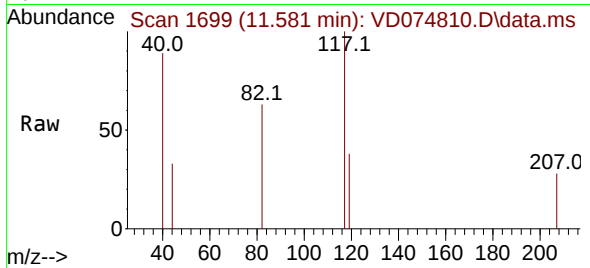




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

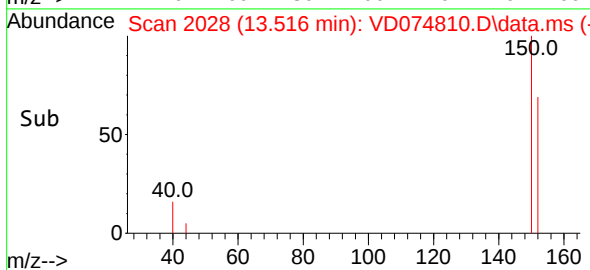
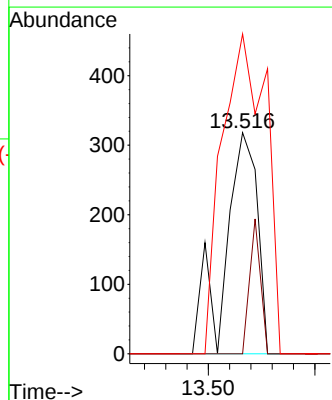
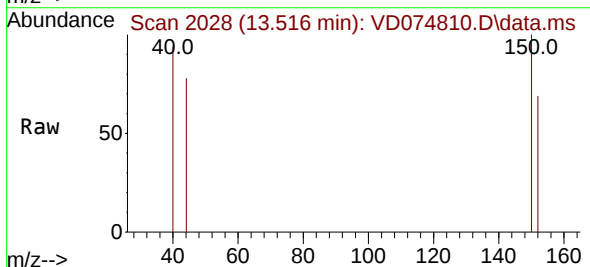
Instrument :
MSVOA_D
ClientSampleId :
SB-16RE

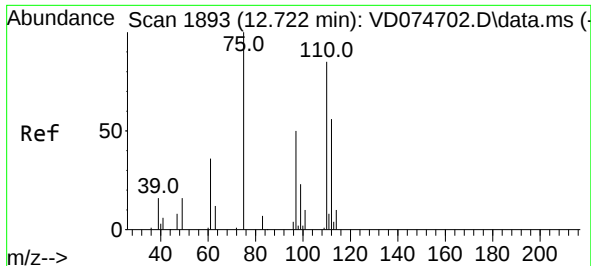
Tgt Ion:117 Resp: 952
Ion Ratio Lower Upper
117 100
82 62.5 41.6 62.4#
119 37.9 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

Tgt Ion:152 Resp: 335
Ion Ratio Lower Upper
152 100
115 20.3 26.8 80.4#
150 196.1 0.0 348.2

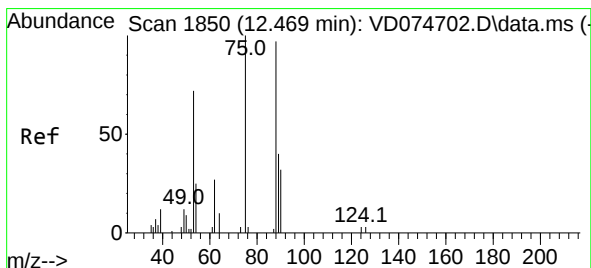
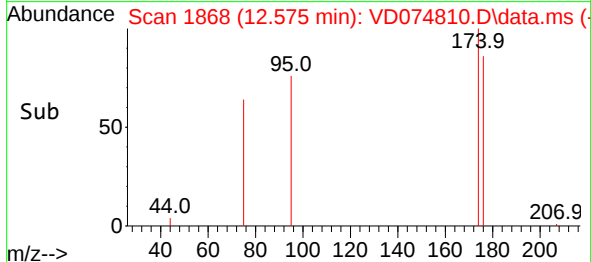
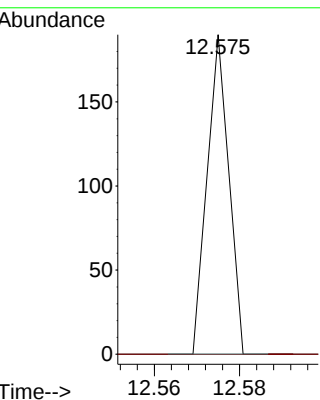
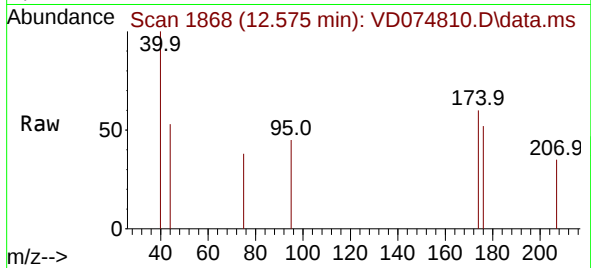




#76
1,2,3-Trichloropropane
Concen: 25.800 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

Instrument :
MSVOA_D
ClientSampleId :
SB-16RE

Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.242 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074810.D
Acq: 08 Nov 2022 18:21

Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

