

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074822.D
 Acq On : 09 Nov 2022 12:32
 Operator : VA/SY
 Sample : N5494-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19RE

Quant Time: Nov 09 14:04:21 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)

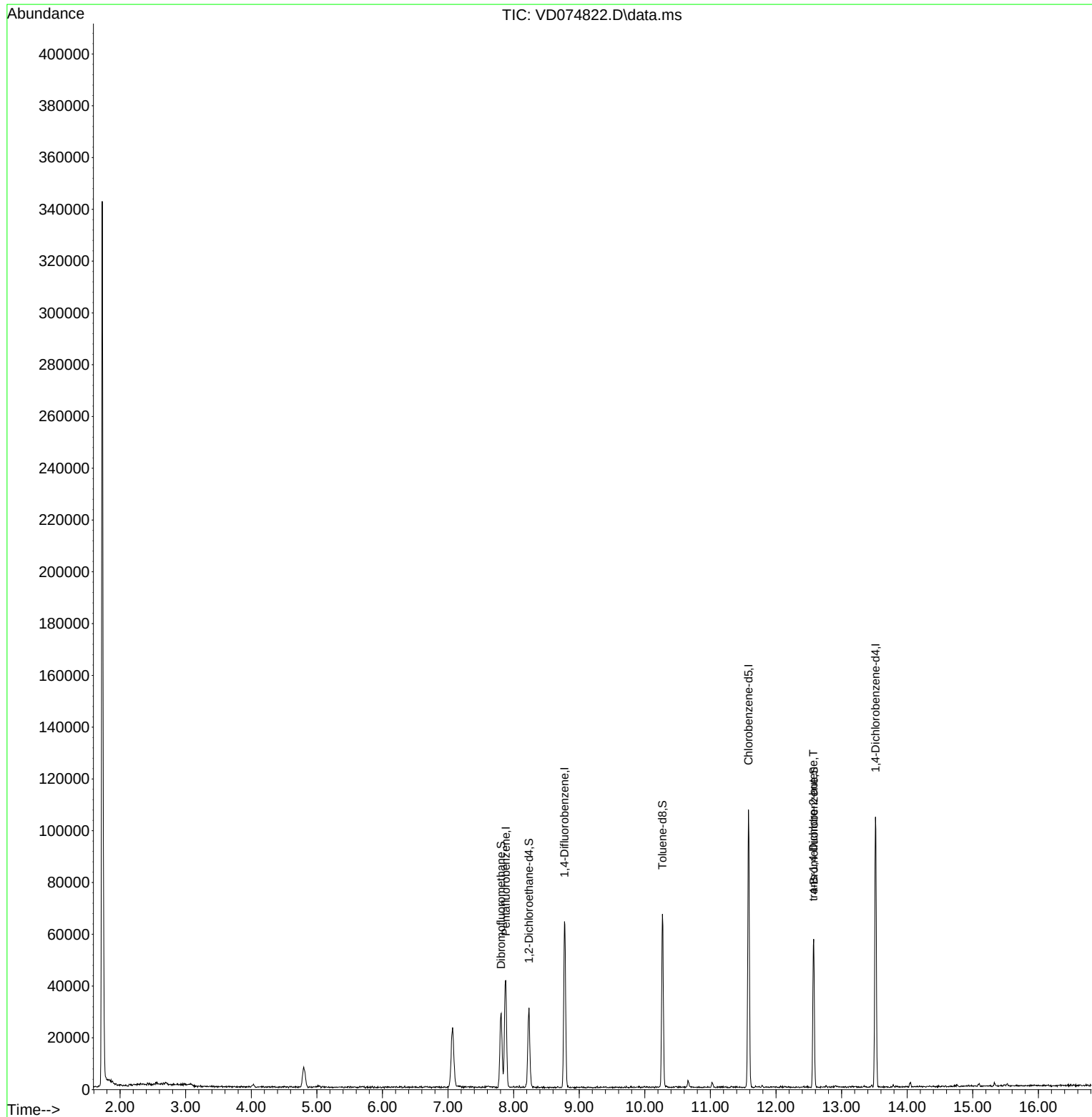
Internal Standards						
1) Pentafluorobenzene	7.881	168	36377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	62742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	66854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	30782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	23533	81.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.360%#	
35) Dibromofluoromethane	7.810	113	21620	58.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.500%	
50) Toluene-d8	10.269	98	51361	37.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 75.880%	
62) 4-Bromofluorobenzene	12.575	95	19334	49.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.920%	
Target Compounds						
81) trans-1,4-Dichloro-2-b...	12.569	75	9136	90.882	ug/l	Qvalue # 17

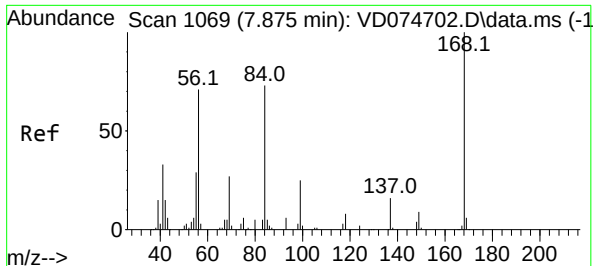
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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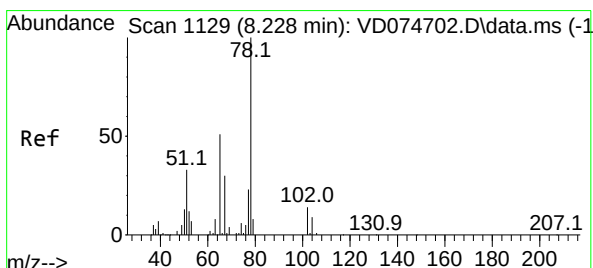
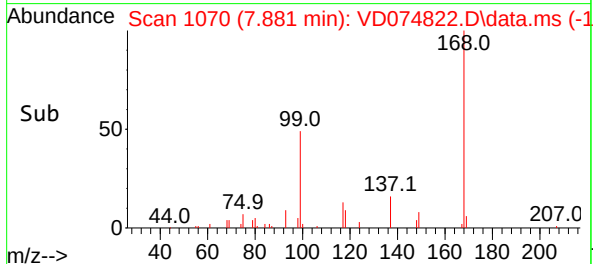
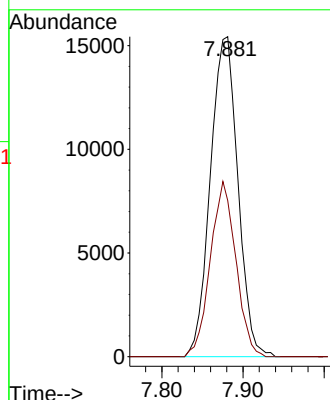
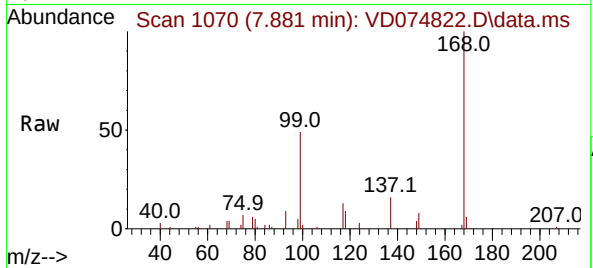




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

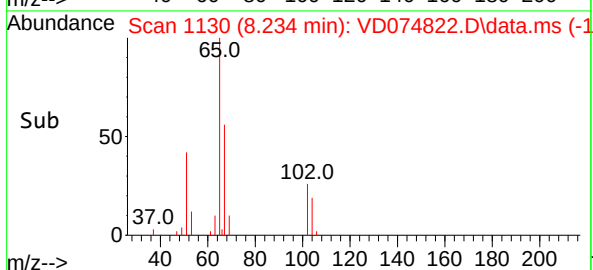
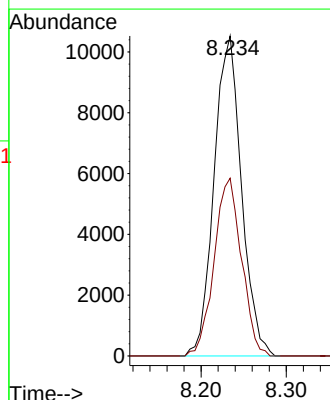
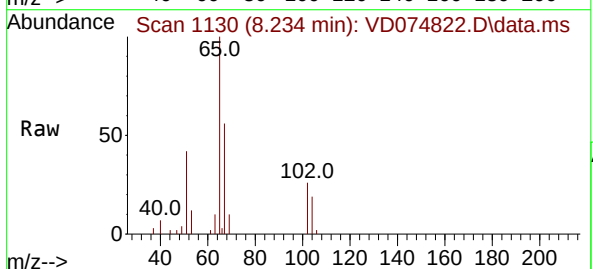
Instrument :
MSVOA_D
ClientSampleId :
SB-19RE

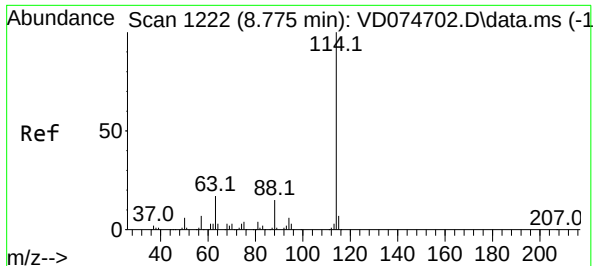
Tgt Ion:168 Resp: 36377
Ion Ratio Lower Upper
168 100
99 48.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 81.680 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 65 Resp: 23533
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074822.D

Acq: 09 Nov 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

SB-19RE

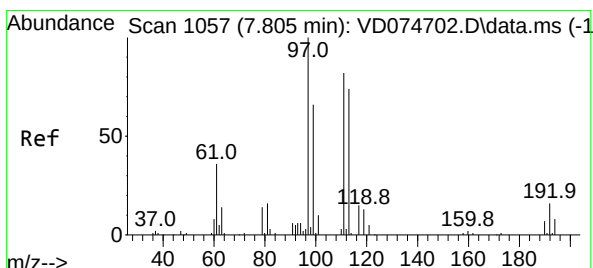
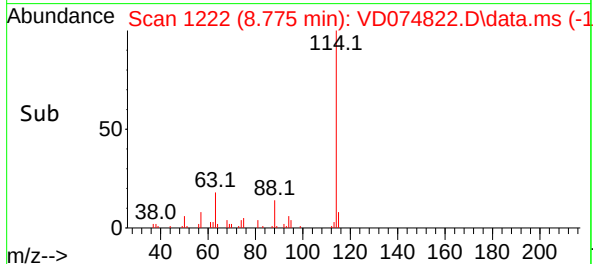
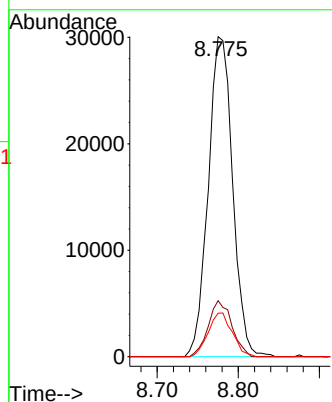
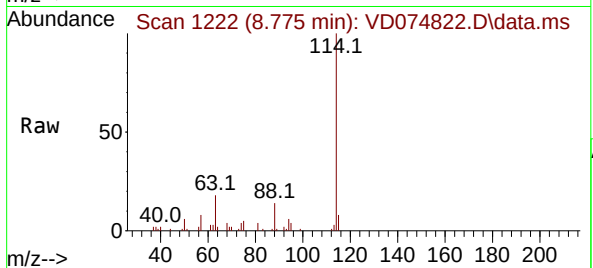
Tgt Ion:114 Resp: 62742

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.252 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074822.D

Acq: 09 Nov 2022 12:32

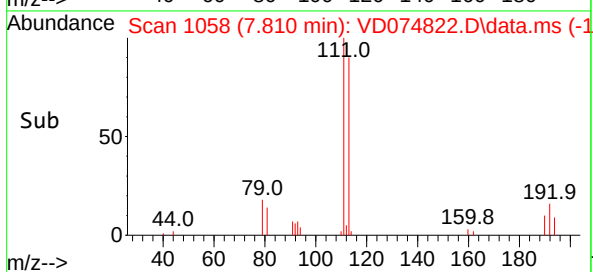
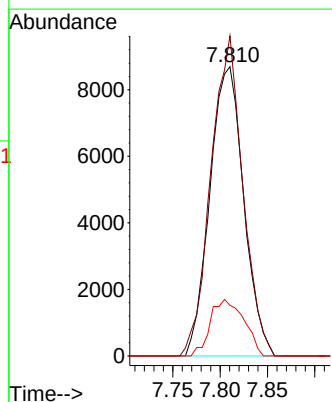
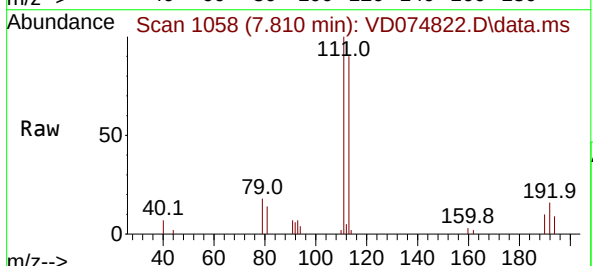
Tgt Ion:113 Resp: 21620

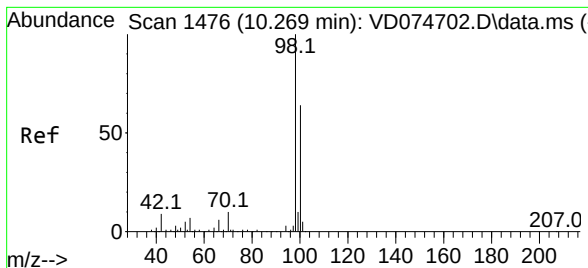
Ion Ratio Lower Upper

113 100

111 104.2 82.3 123.5

192 19.4 16.4 24.6

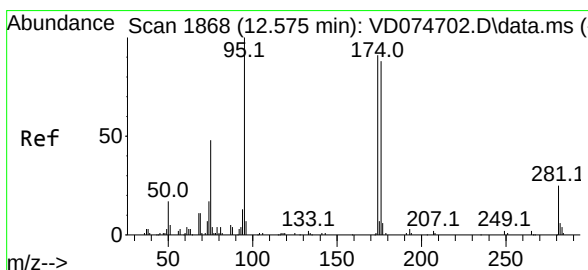
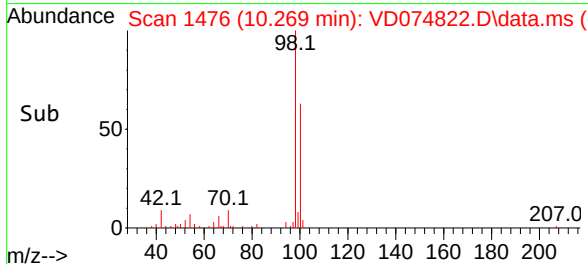
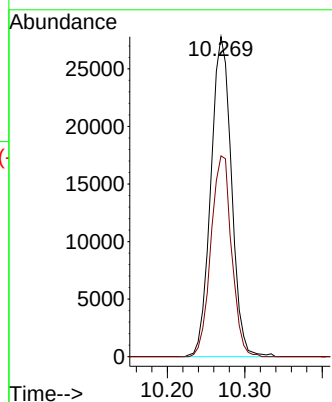
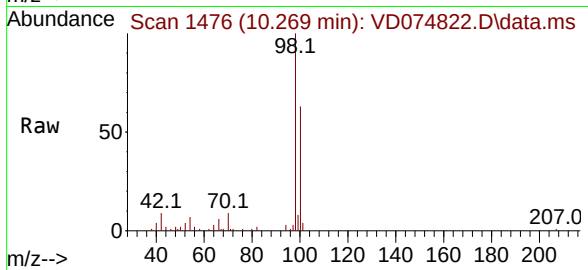




#50
Toluene-d8
Concen: 37.938 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

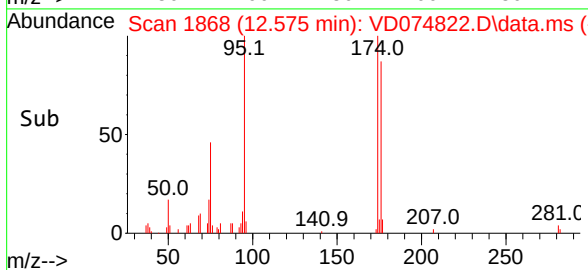
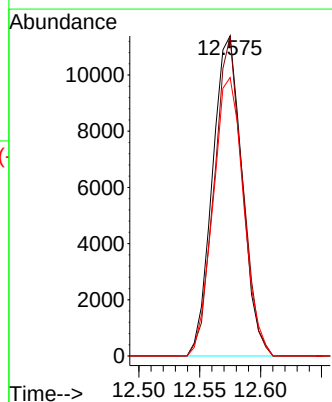
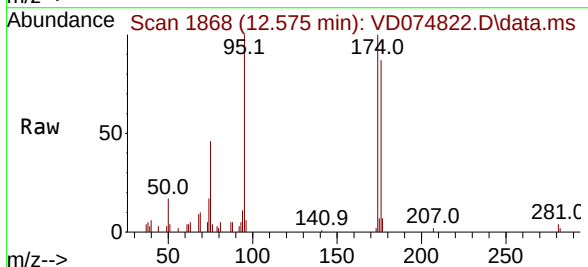
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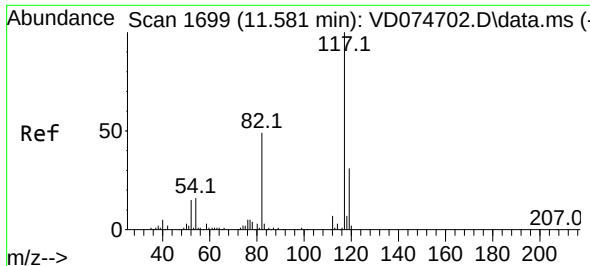
Tgt Ion: 98 Resp: 51361
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.461 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 95 Resp: 19334
Ion Ratio Lower Upper
95 100
174 94.4 0.0 197.0
176 89.2 0.0 182.6

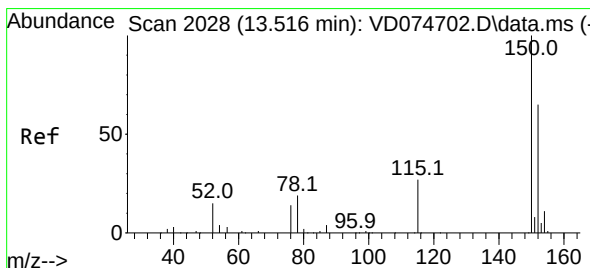
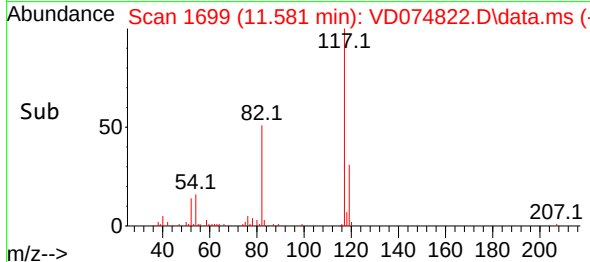
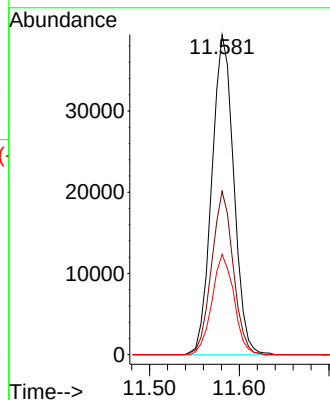
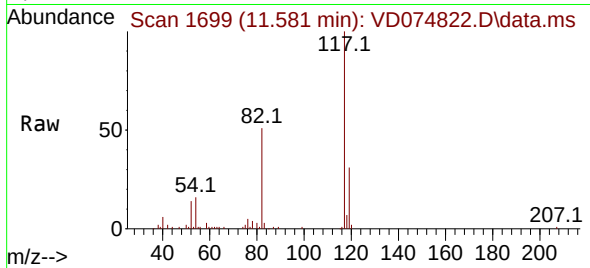




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

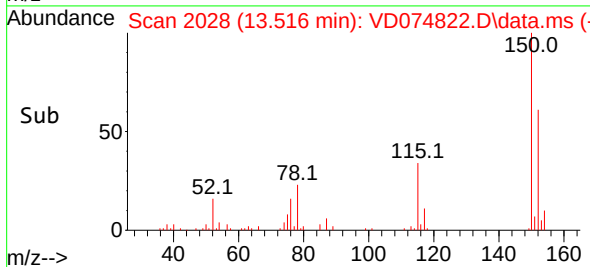
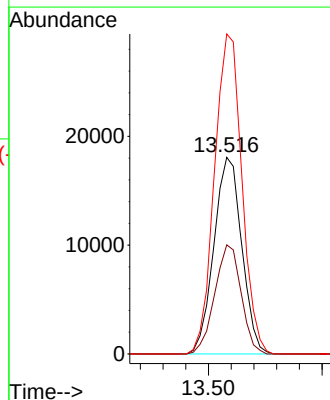
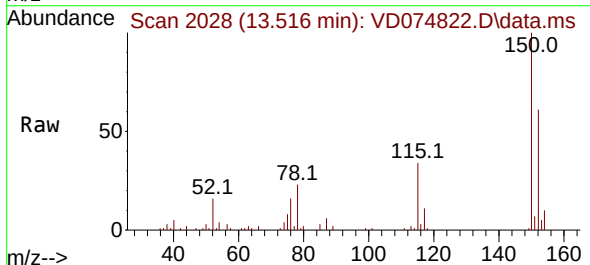
Instrument :
MSVOA_D
ClientSampleId :
SB-19RE

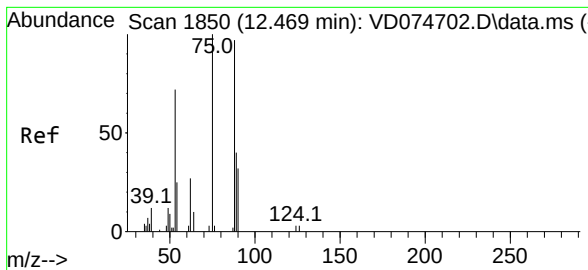
Tgt Ion:117 Resp: 66854
Ion Ratio Lower Upper
117 100
82 51.1 41.6 62.4
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion:152 Resp: 30782
Ion Ratio Lower Upper
152 100
115 52.5 26.8 80.4
150 160.0 0.0 348.2





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.882 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074822.D
 Acq: 09 Nov 2022 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	75	Resp:	9136
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

