

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074790.D
 Acq On : 08 Nov 2022 06:01
 Operator : VA/SY
 Sample : N5415-14
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-27

Quant Time: Nov 08 06:48:11 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)

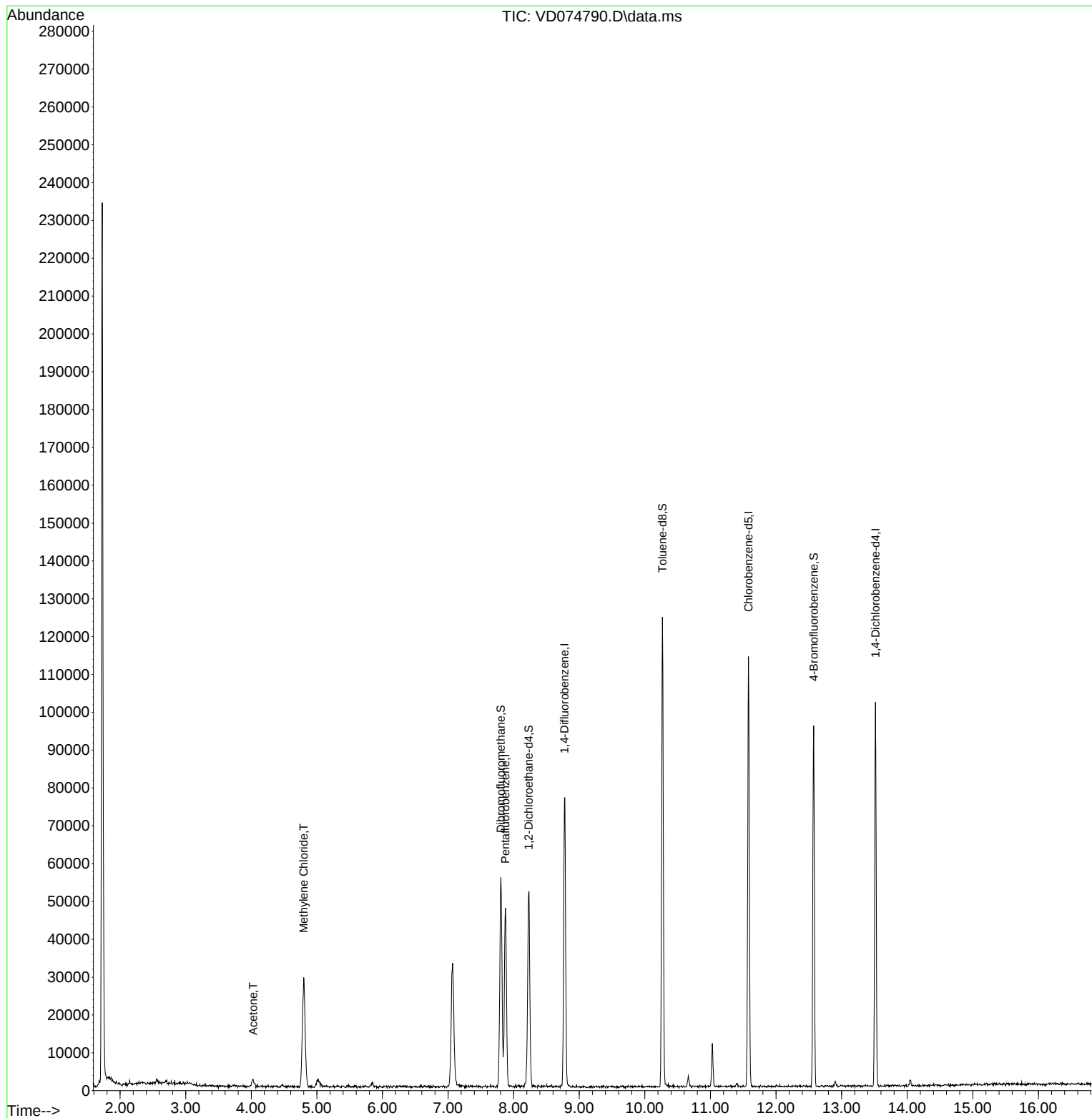
Internal Standards						
1) Pentafluorobenzene	7.875	168	40511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	77491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	71033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	29710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40410	125.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 251.880%#	
35) Dibromofluoromethane	7.805	113	41460	90.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 180.900%#	
50) Toluene-d8	10.269	98	91371	54.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.300%	
62) 4-Bromofluorobenzene	12.575	95	29437	60.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.940%	
Target Compounds						
						Qvalue
16) Acetone	4.028	43	3275	48.912	ug/l	100
20) Methylene Chloride	4.799	84	24528	40.991	ug/l	94

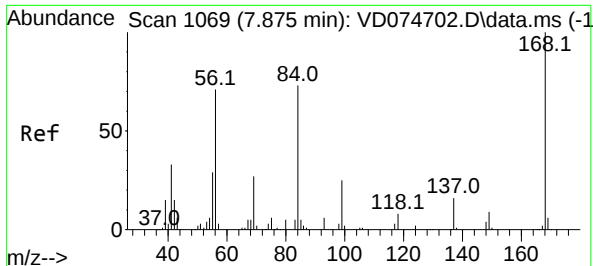
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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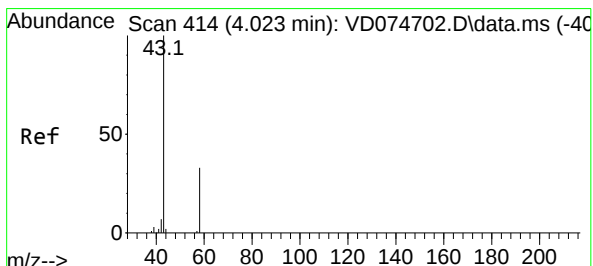
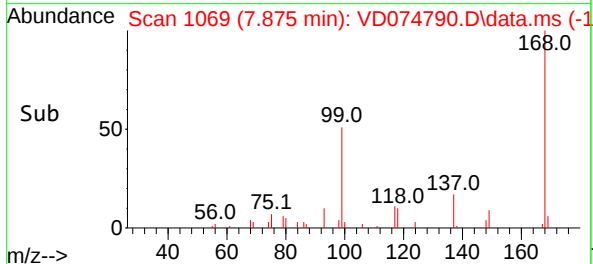
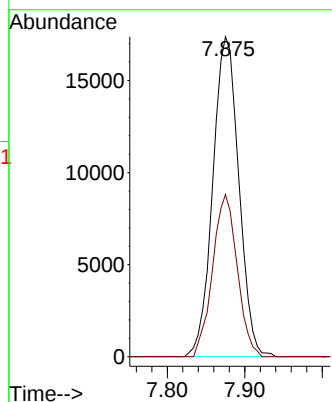
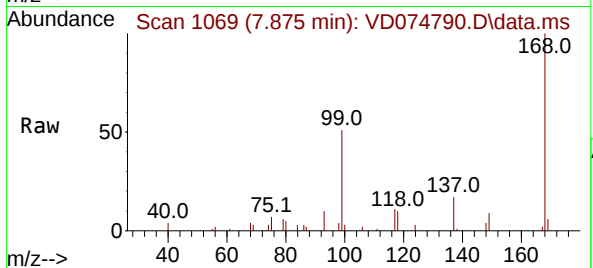




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074790.D
Acq: 08 Nov 2022 06:01

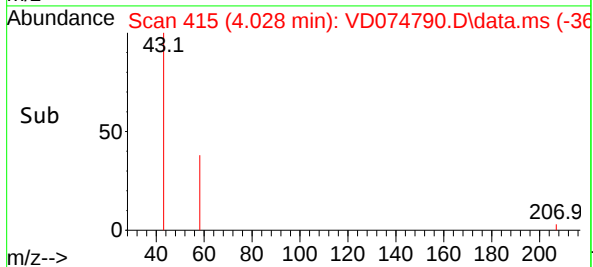
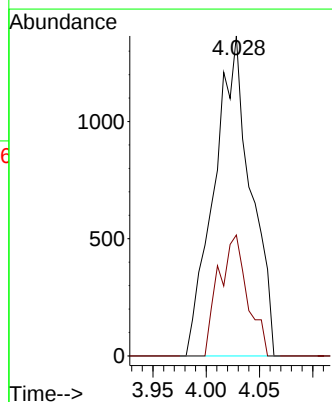
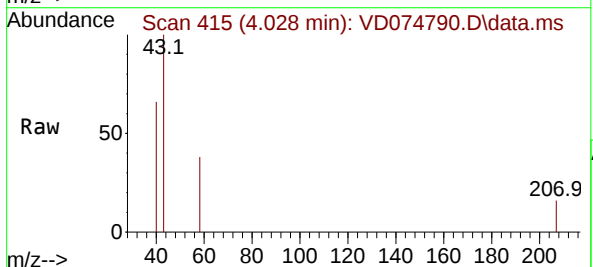
Instrument :
MSVOA_D
ClientSampleId :
R-27

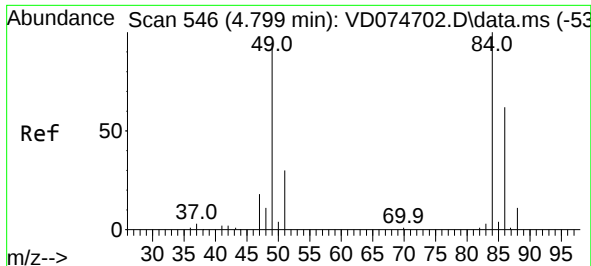
Tgt Ion:168 Resp: 40511
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#16
Acetone
Concen: 48.912 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074790.D
Acq: 08 Nov 2022 06:01

Tgt Ion: 43 Resp: 3275
Ion Ratio Lower Upper
43 100
58 37.8 30.2 45.2

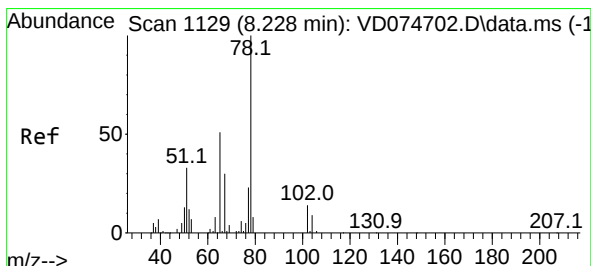
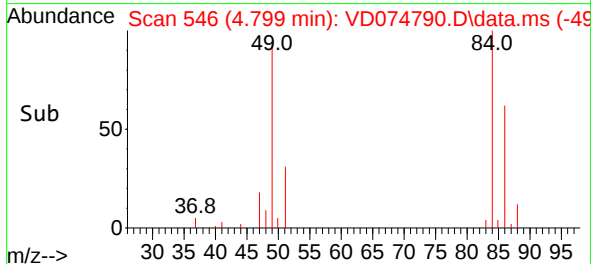
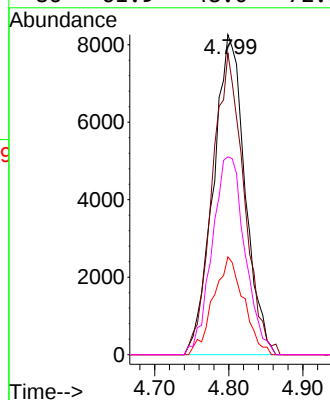
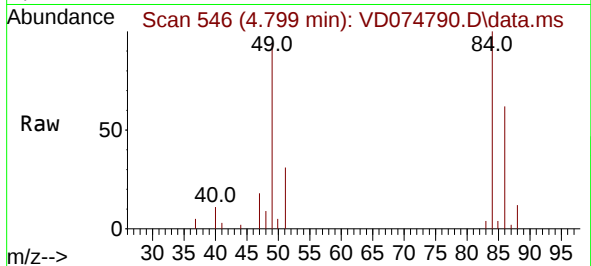




#20
Methylene Chloride
Concen: 40.991 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074790.D
Acq: 08 Nov 2022 06:01

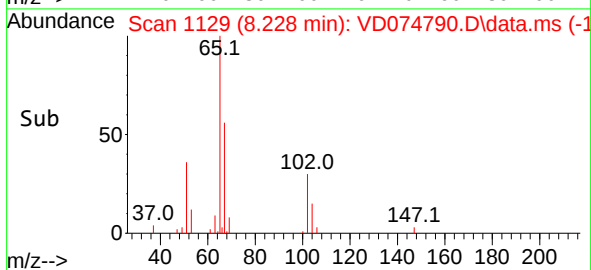
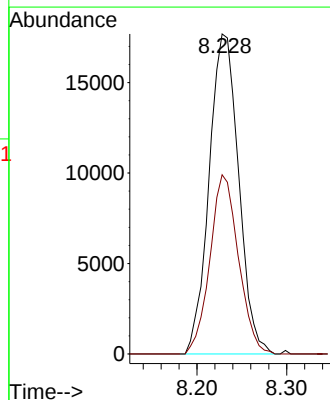
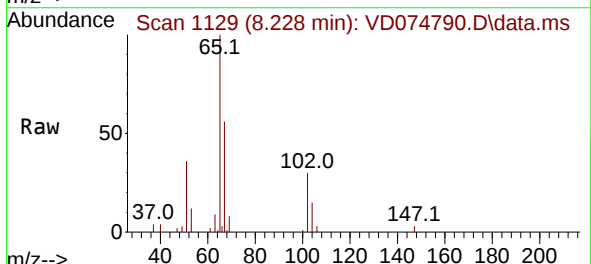
Instrument :
MSVOA_D
ClientSampleId :
R-27

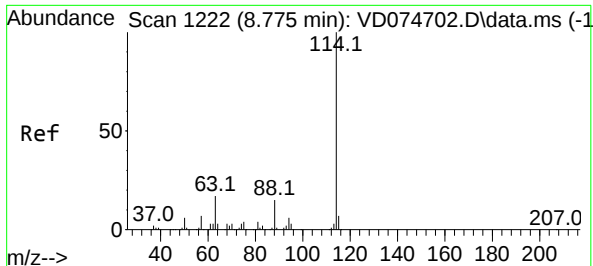
Tgt Ion:	84	Resp:	24528
Ion	Ratio	Lower	Upper
84	100		
49	94.2	68.0	102.0
51	30.6	23.2	34.8
86	61.9	48.0	72.0



#33
1,2-Dichloroethane-d4
Concen: 125.945 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074790.D
Acq: 08 Nov 2022 06:01

Tgt Ion:	65	Resp:	40410
Ion	Ratio	Lower	Upper
65	100		
67	54.1	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: VD074790.D

Acq: 08 Nov 2022 06:01

Instrument :

MSVOA_D

ClientSampleId :

R-27

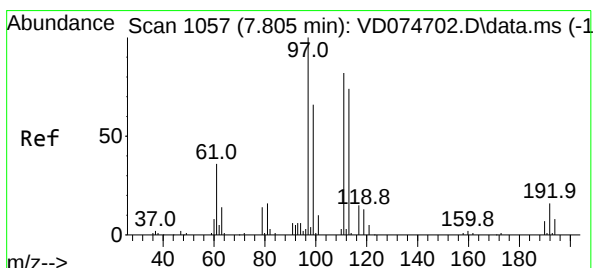
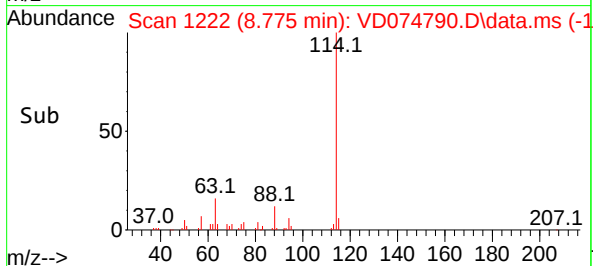
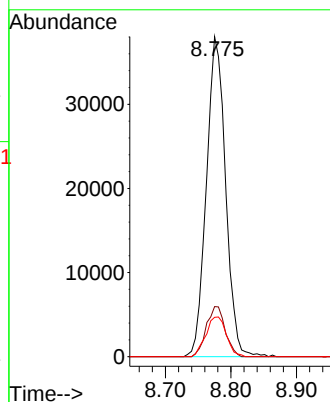
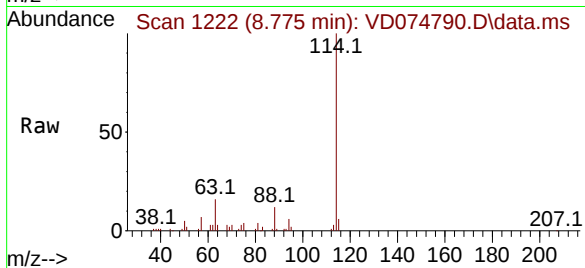
Tgt Ion:114 Resp: 77491

Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.2

88 12.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 90.447 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074790.D

Acq: 08 Nov 2022 06:01

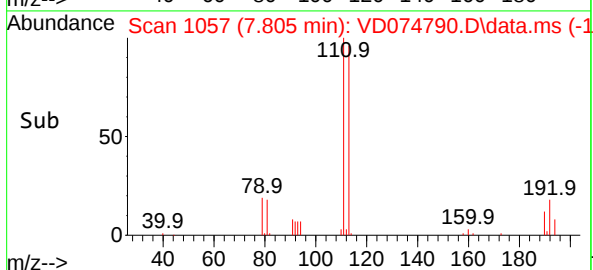
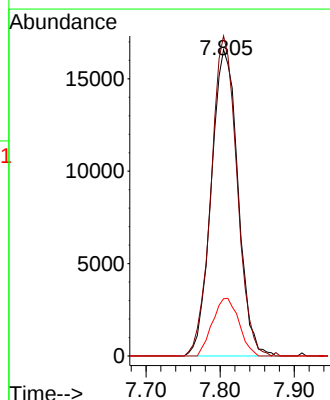
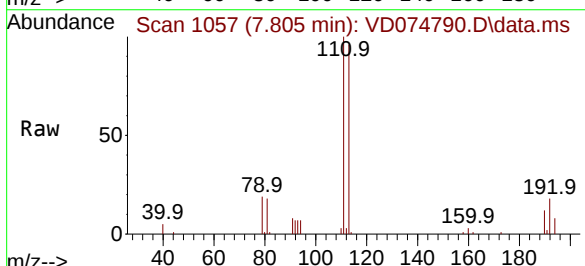
Tgt Ion:113 Resp: 41460

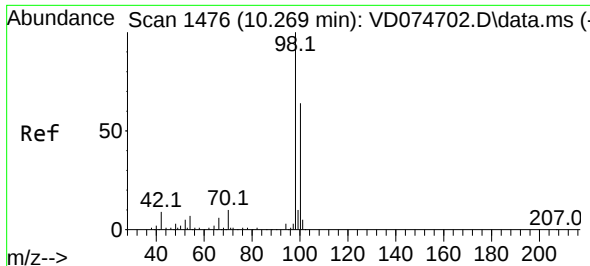
Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

192 18.6 16.4 24.6

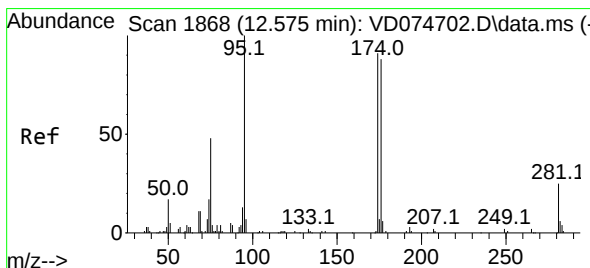
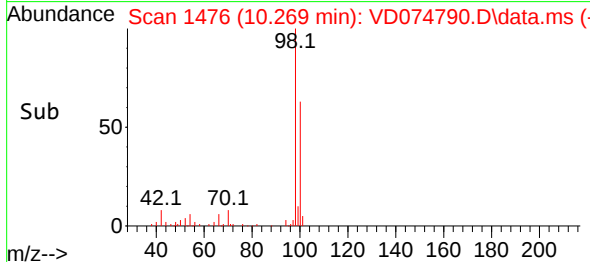
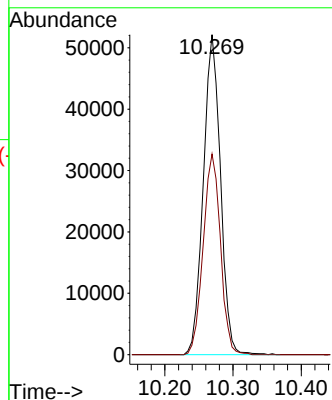
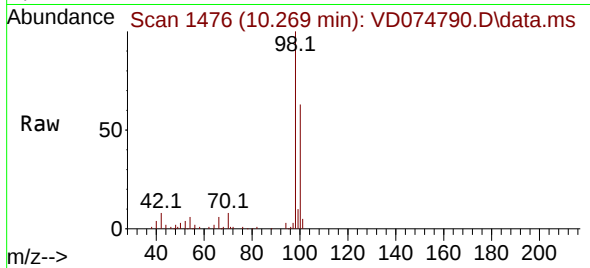




#50
Toluene-d8
Concen: 54.645 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074790.D
Acq: 08 Nov 2022 06:01

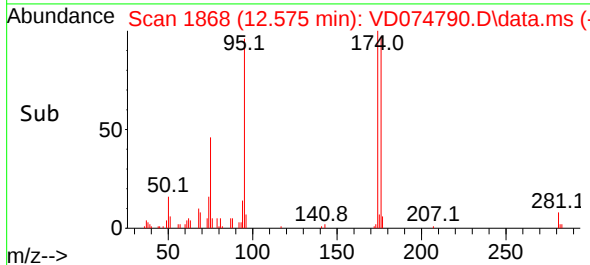
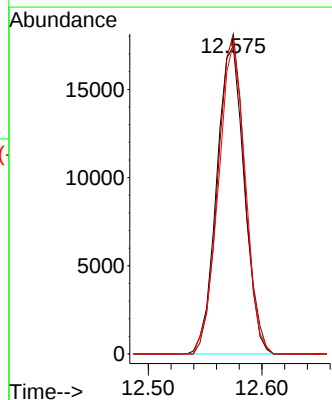
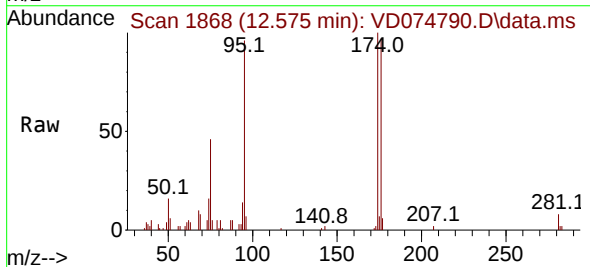
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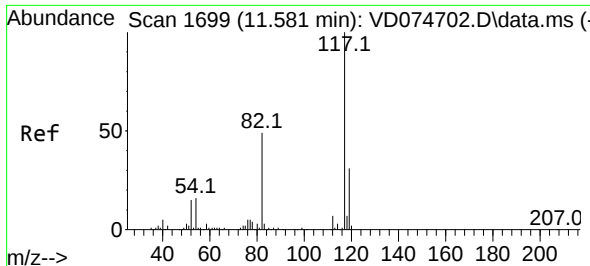
Tgt Ion: 98 Resp: 91371
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.974 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074790.D
Acq: 08 Nov 2022 06:01

Tgt Ion: 95 Resp: 29437
Ion Ratio Lower Upper
95 100
174 100.8 0.0 197.0
176 98.2 0.0 182.6

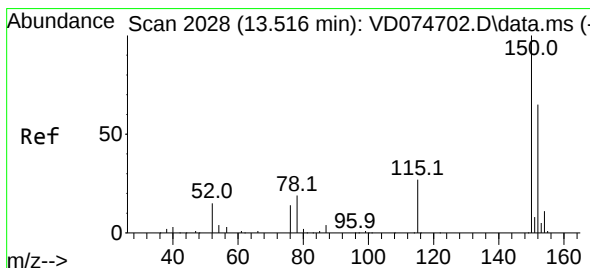
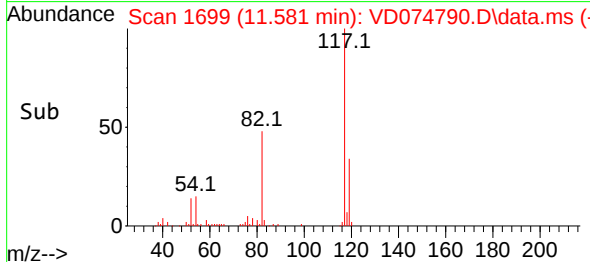
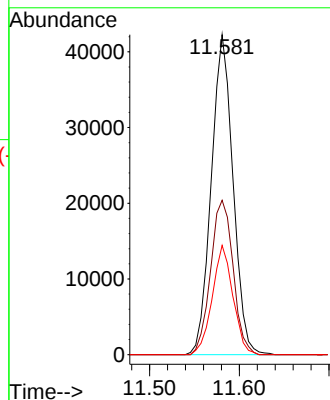
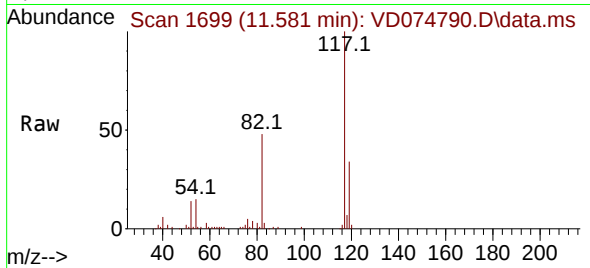




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074790.D
Acq: 08 Nov 2022 06:01

Instrument :
MSVOA_D
ClientSampleId :
R-27

Tgt Ion:117 Resp: 71033
Ion Ratio Lower Upper
117 100
82 48.2 41.6 62.4
119 34.1 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: VD074790.D
Acq: 08 Nov 2022 06:01

Tgt Ion:152 Resp: 29710
Ion Ratio Lower Upper
152 100
115 53.4 26.8 80.4
150 160.0 0.0 348.2

