

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074779.D
 Acq On : 08 Nov 2022 00:57
 Operator : VA/SY
 Sample : N5415-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-16

Quant Time: Nov 08 03:00:36 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)

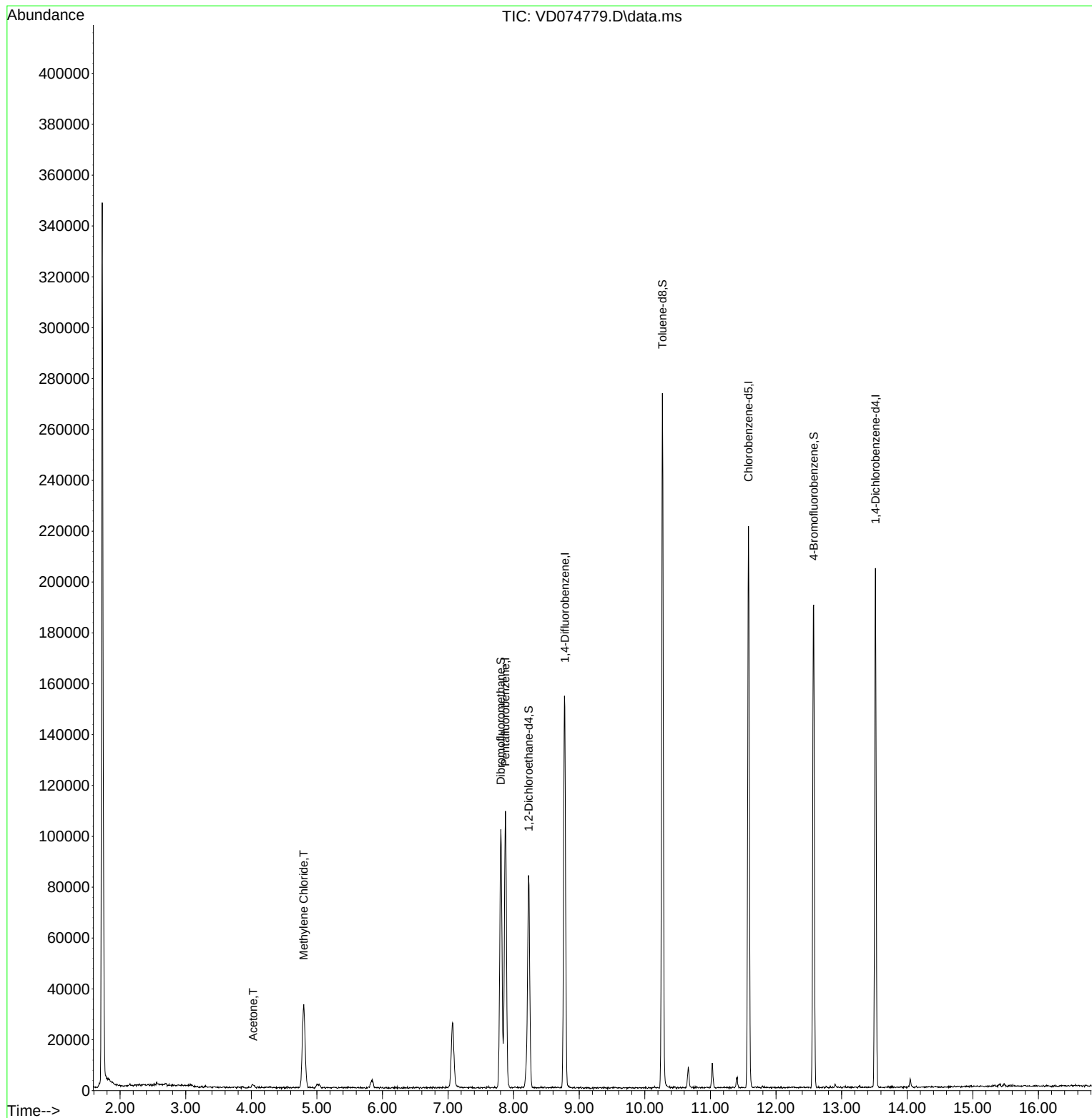
Internal Standards						
1) Pentafluorobenzene	7.875	168	90652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	154688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	140681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62379	86.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.760%#	
35) Dibromofluoromethane	7.804	113	75388	82.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 164.780%#	
50) Toluene-d8	10.269	98	195731	58.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.280%	
62) 4-Bromofluorobenzene	12.575	95	59694	61.941	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.880%	
Target Compounds						
16) Acetone	4.028	43	2276	15.191	ug/l #	83
20) Methylene Chloride	4.799	84	27967	13.861	ug/l #	82

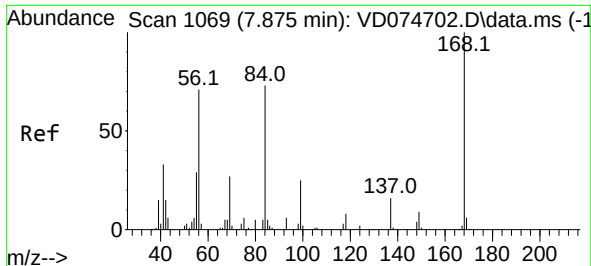
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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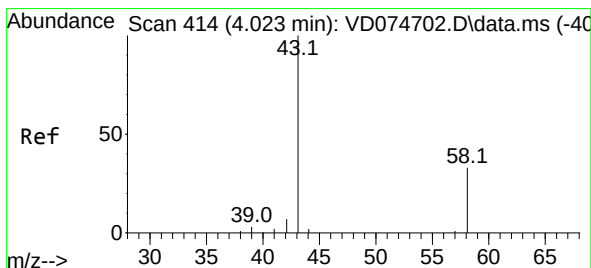
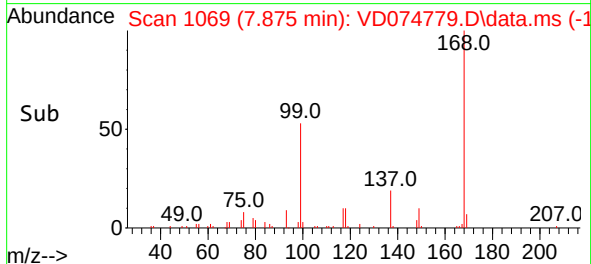
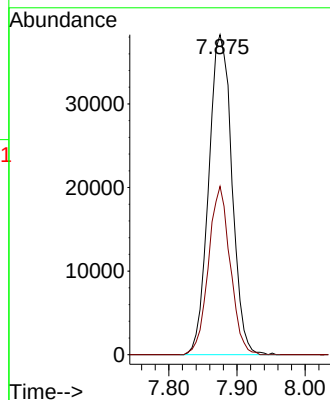
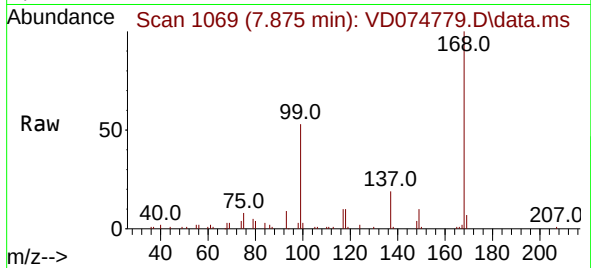




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074779.D
Acq: 08 Nov 2022 00:57

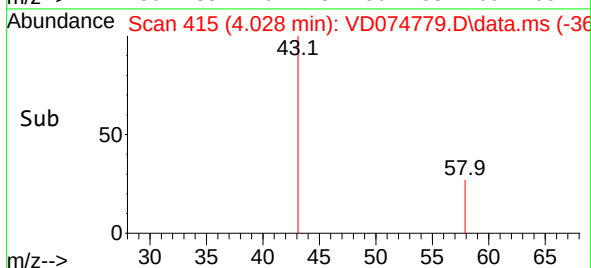
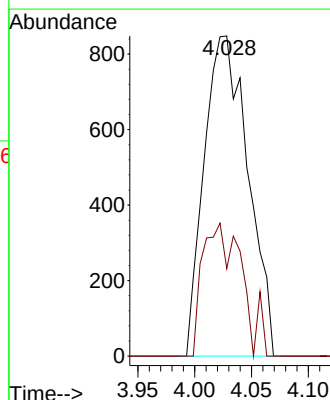
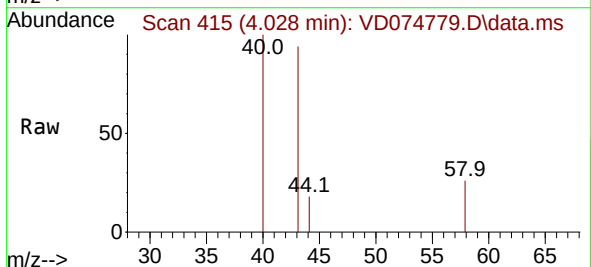
Instrument :
MSVOA_D
ClientSampleId :
R-16

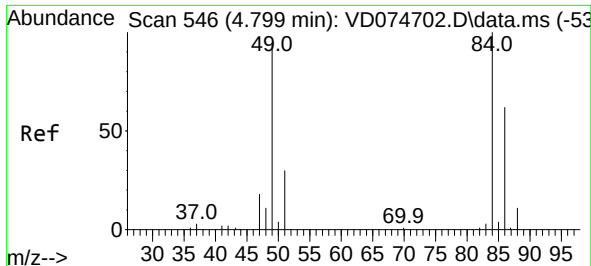
Tgt Ion:168 Resp: 90652
Ion Ratio Lower Upper
168 100
99 52.6 40.9 61.3



#16
Acetone
Concen: 15.191 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074779.D
Acq: 08 Nov 2022 00:57

Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
58 27.4 30.2 45.2#





#20

Methylene Chloride

Concen: 13.861 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074779.D

Acq: 08 Nov 2022 00:57

Instrument :

MSVOA_D

ClientSampleId :

R-16

Tgt Ion: 84 Resp: 27967

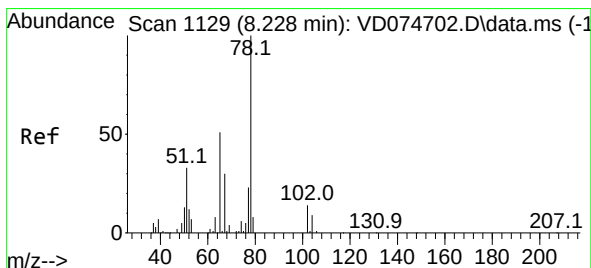
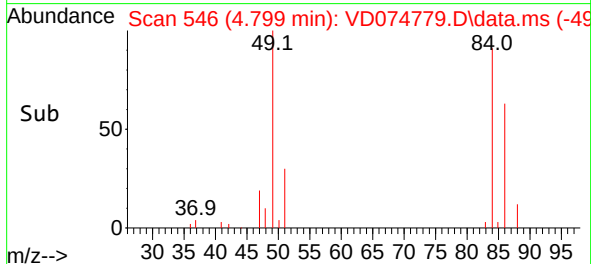
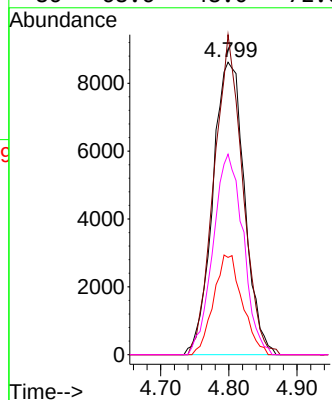
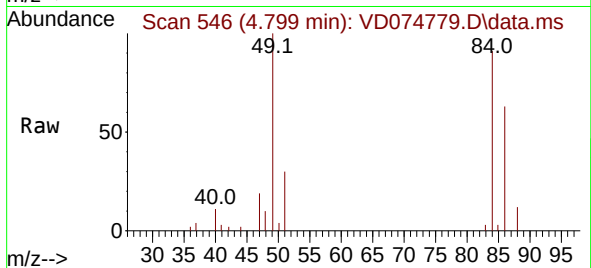
Ion Ratio Lower Upper

84 100

49 109.4 68.0 102.0#

51 33.3 23.2 34.8

86 68.6 48.0 72.0



#33

1,2-Dichloroethane-d4

Concen: 86.881 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074779.D

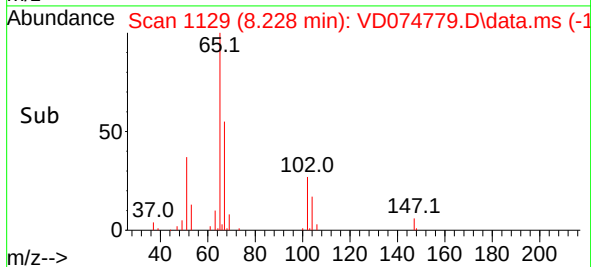
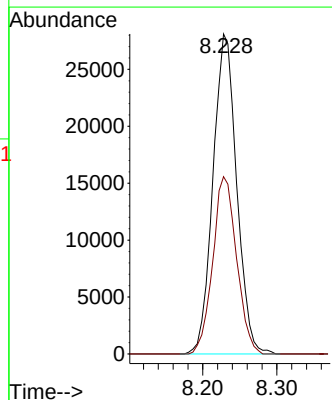
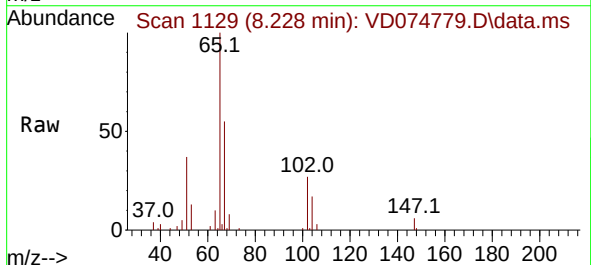
Acq: 08 Nov 2022 00:57

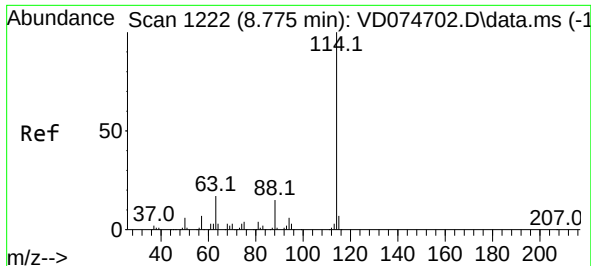
Tgt Ion: 65 Resp: 62379

Ion Ratio Lower Upper

65 100

67 55.7 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: VD074779.D

Acq: 08 Nov 2022 00:57

Instrument :

MSVOA_D

ClientSampleId :

R-16

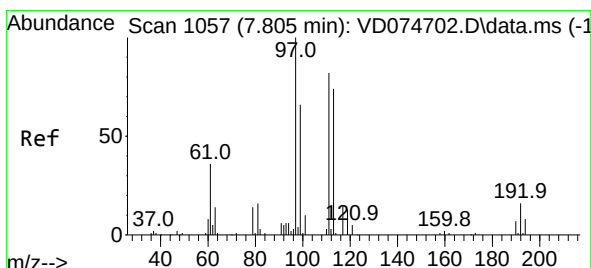
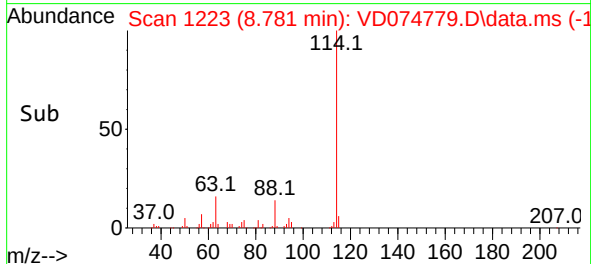
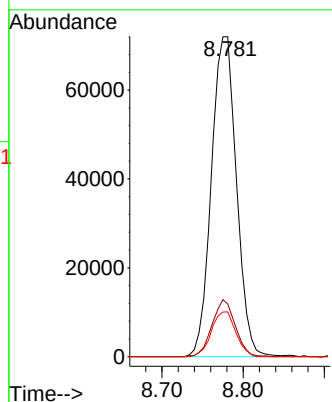
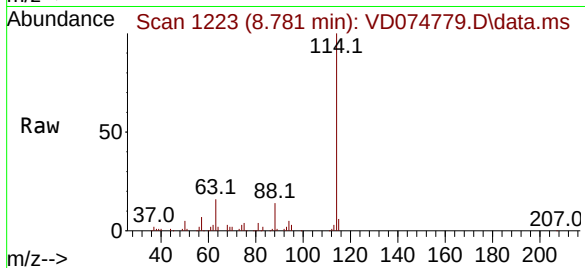
Tgt Ion:114 Resp: 154688

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 82.388 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074779.D

Acq: 08 Nov 2022 00:57

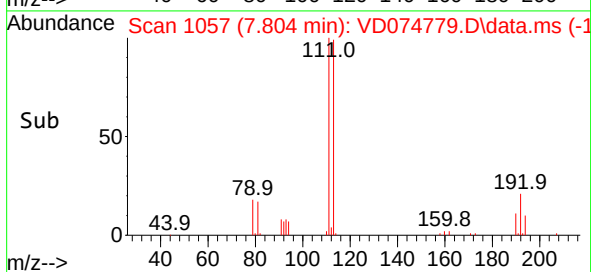
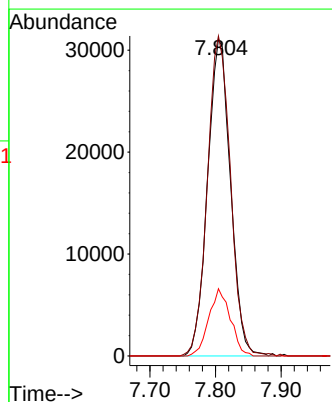
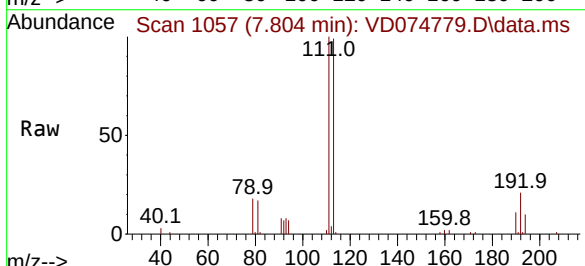
Tgt Ion:113 Resp: 75388

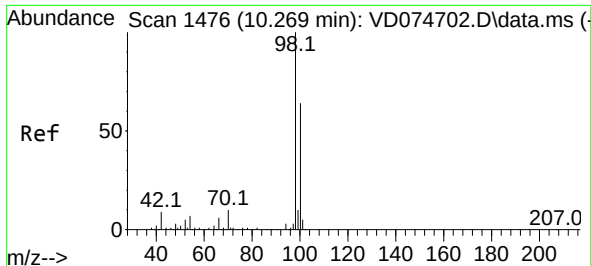
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 20.0 16.4 24.6

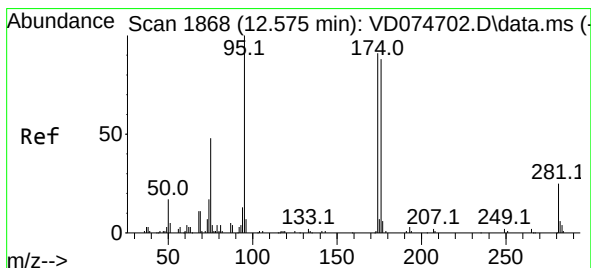
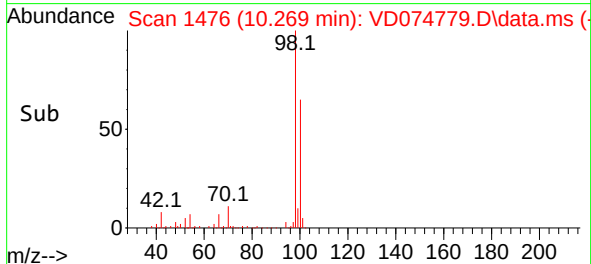
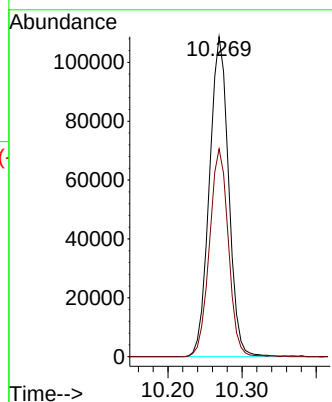
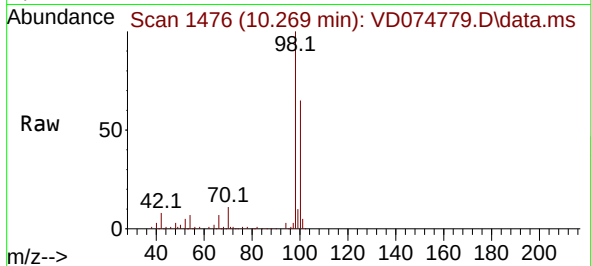




#50
Toluene-d8
Concen: 58.641 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074779.D
Acq: 08 Nov 2022 00:57

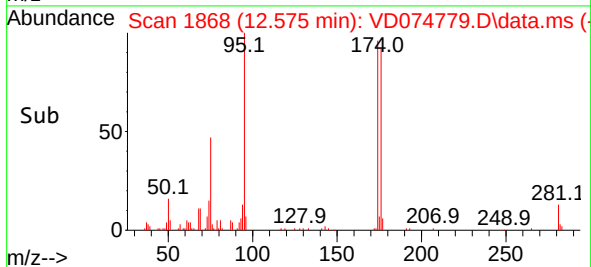
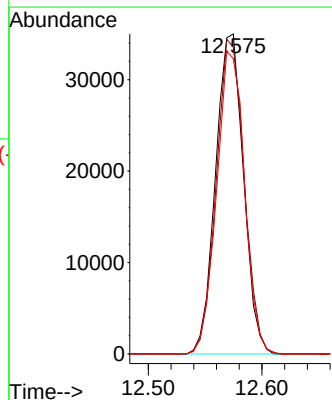
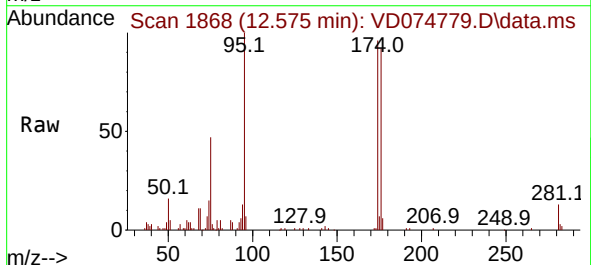
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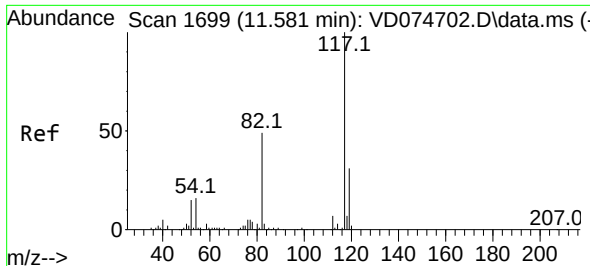
Tgt Ion: 98 Resp: 195731
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 61.941 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074779.D
Acq: 08 Nov 2022 00:57

Tgt Ion: 95 Resp: 59694
Ion Ratio Lower Upper
95 100
174 98.2 0.0 197.0
176 94.6 0.0 182.6

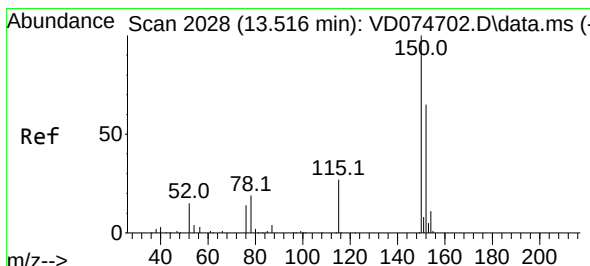
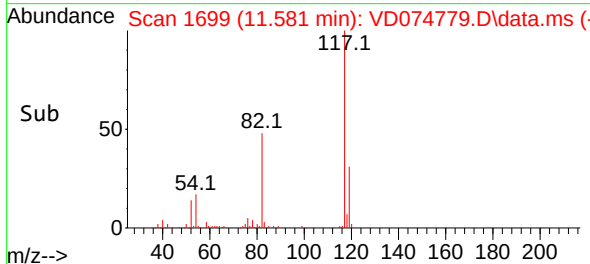
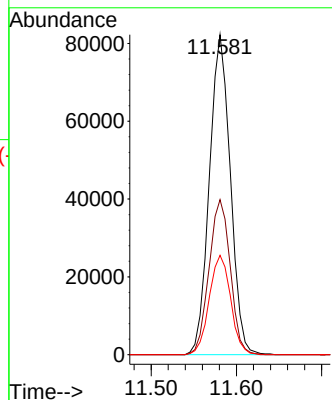
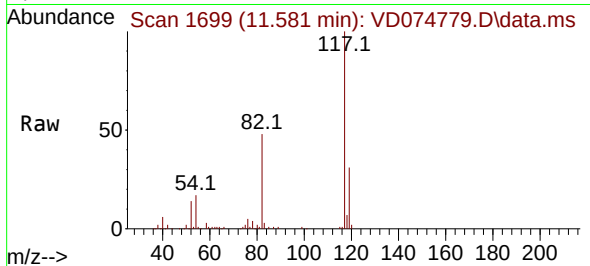




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074779.D
Acq: 08 Nov 2022 00:57

Instrument :
MSVOA_D
ClientSampleId :
R-16

Tgt Ion:117 Resp: 140681
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 31.1 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: VD074779.D
Acq: 08 Nov 2022 00:57

Tgt Ion:152 Resp: 59054
Ion Ratio Lower Upper
152 100
115 55.1 26.8 80.4
150 157.6 0.0 348.2

