

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074305.D
 Acq On : 15 Sep 2022 13:43
 Operator : VA/SY
 Sample : N4591-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091222

Quant Time: Sep 15 14:22:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

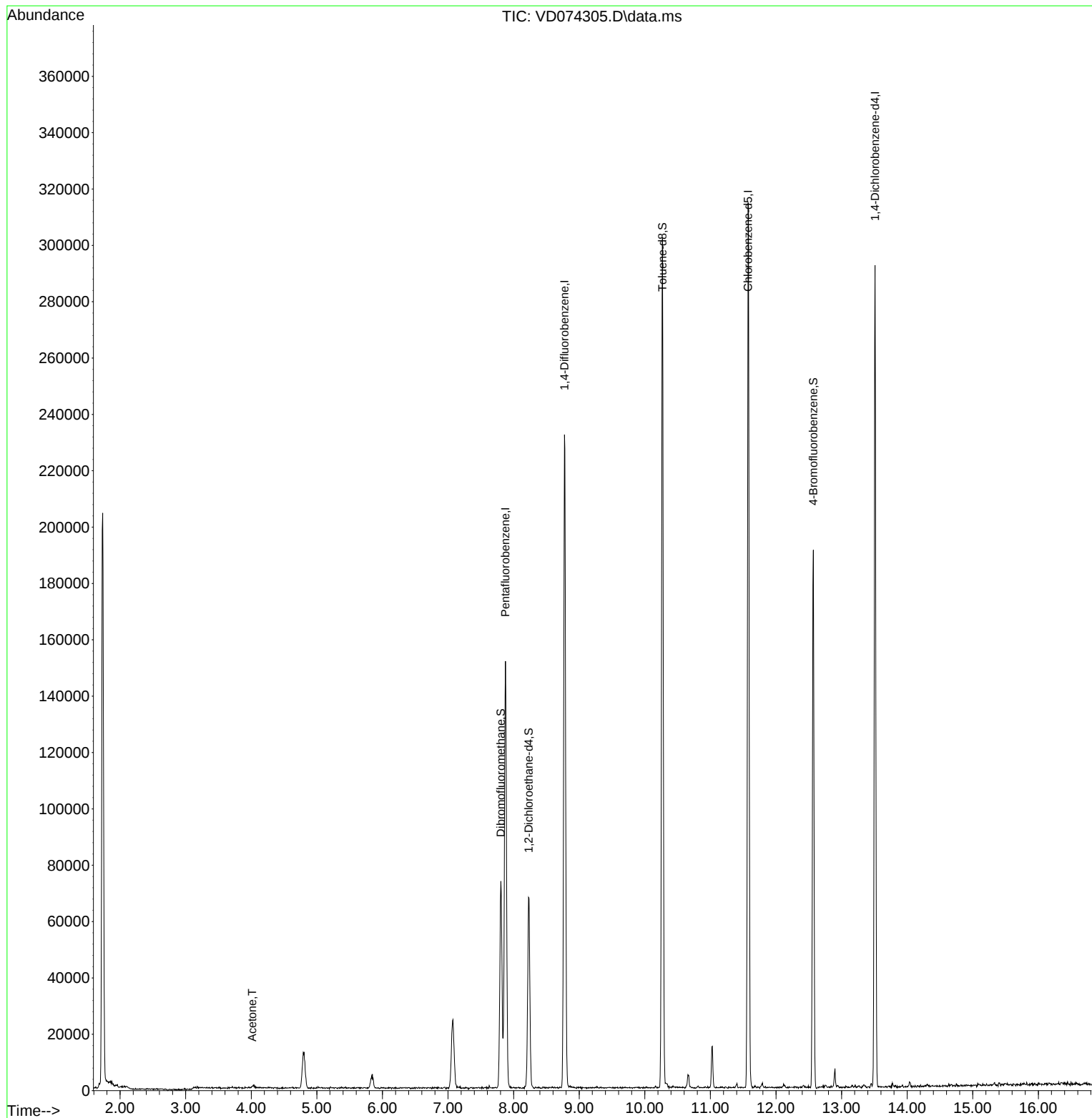
Internal Standards						
1) Pentafluorobenzene	7.875	168	116590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	180158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	76254	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53310	44.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.700%
35) Dibromofluoromethane	7.805	113	52509	37.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.520%
50) Toluene-d8	10.269	98	209251	41.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.900%
62) 4-Bromofluorobenzene	12.569	95	59034	30.829	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.660%
Target Compounds						
16) Acetone	4.016	43	1793	7.308	ug/l	91

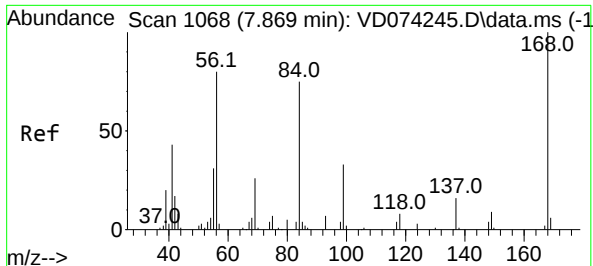
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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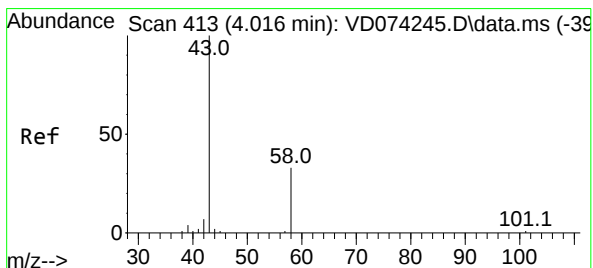
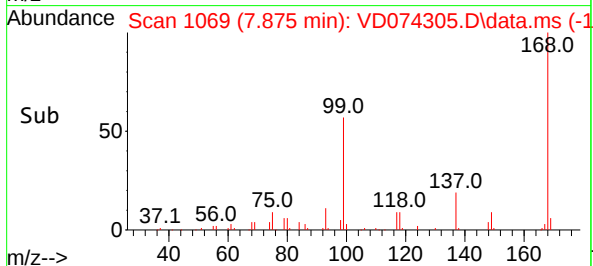
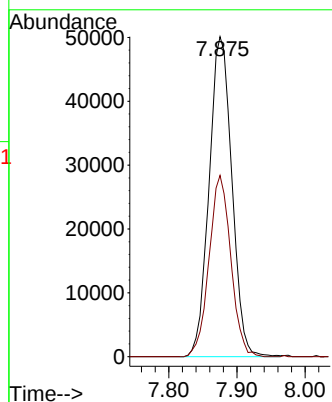
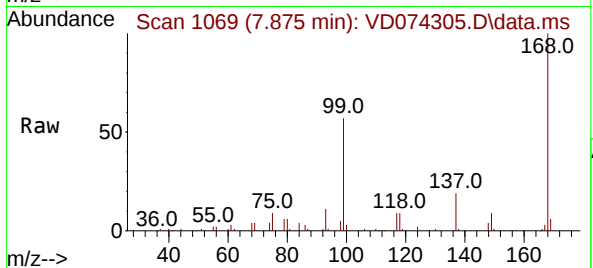




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074305.D
Acq: 15 Sep 2022 13:43

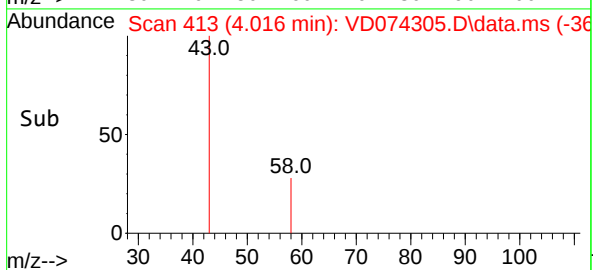
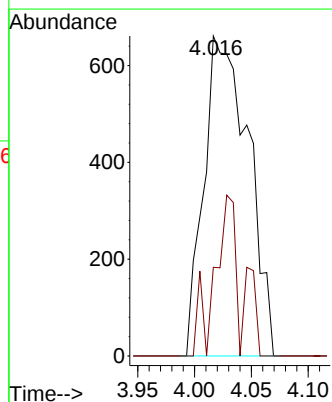
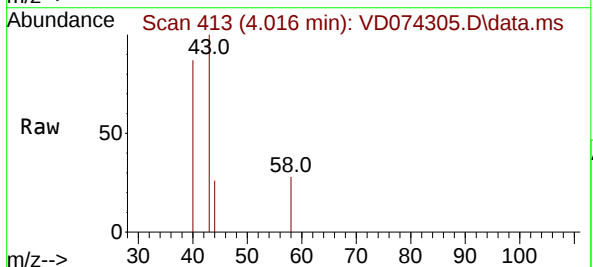
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091222

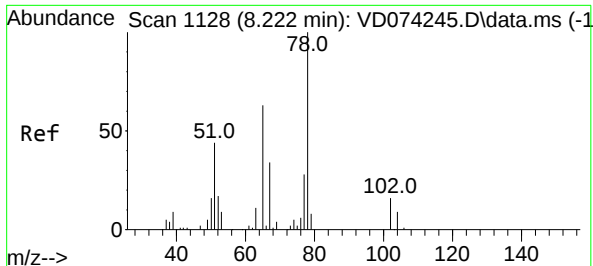
Tgt Ion:168 Resp: 116590
Ion Ratio Lower Upper
168 100
99 56.7 43.0 64.6



#16
Acetone
Concen: 7.308 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD074305.D
Acq: 15 Sep 2022 13:43

Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 27.7 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 44.849 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074305.D

Acq: 15 Sep 2022 13:43

Instrument :

MSVOA_D

ClientSampleId :

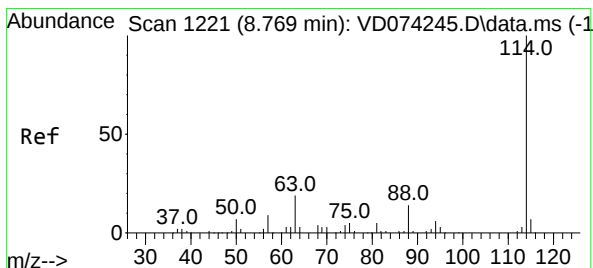
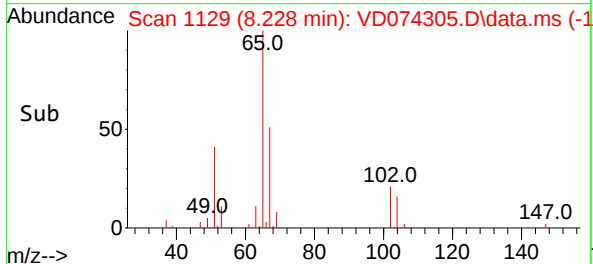
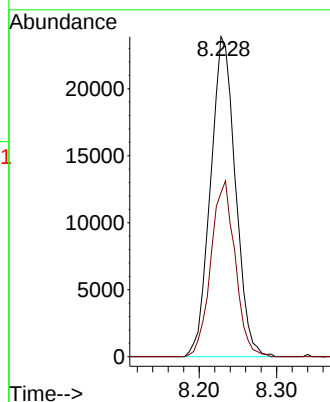
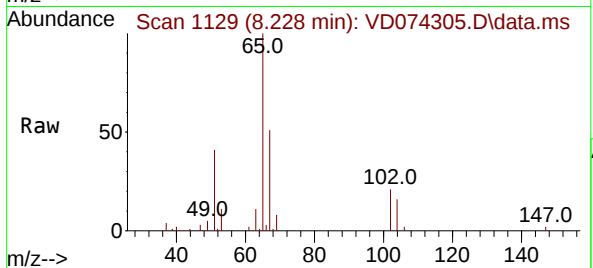
OR-02-091222

Tgt Ion: 65 Resp: 53310

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074305.D

Acq: 15 Sep 2022 13:43

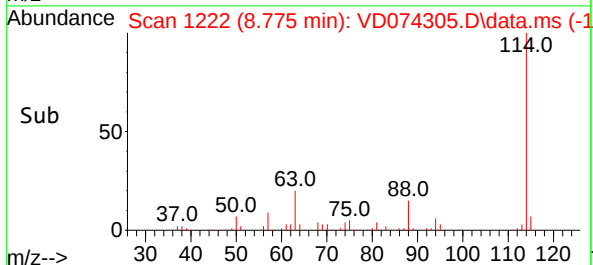
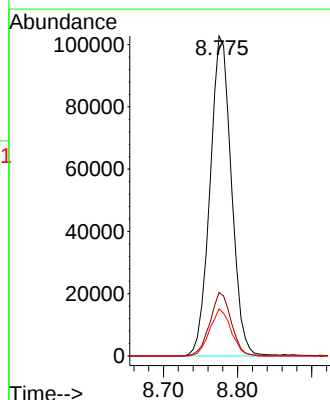
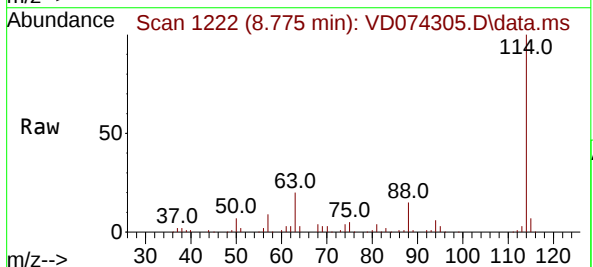
Tgt Ion: 114 Resp: 205942

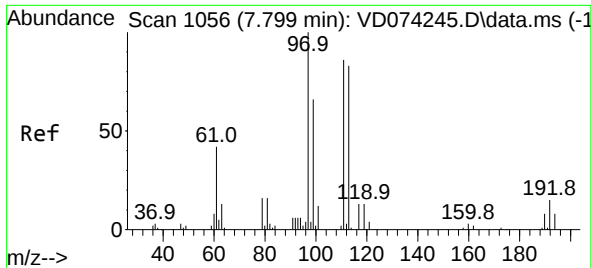
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 14.7 0.0 28.4

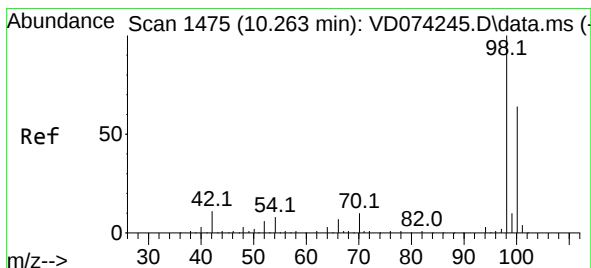
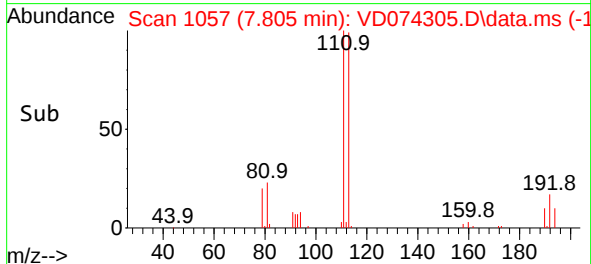
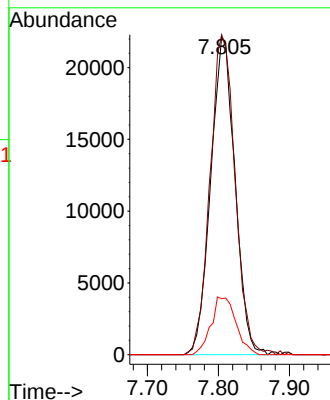
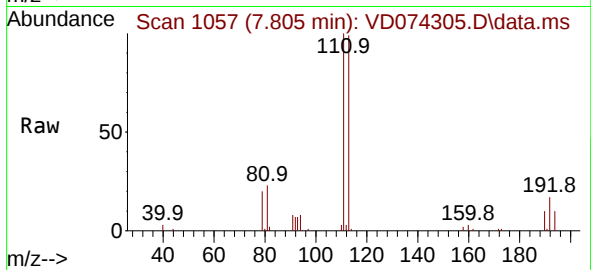




#35
Dibromofluoromethane
Concen: 37.260 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD074305.D
Acq: 15 Sep 2022 13:43

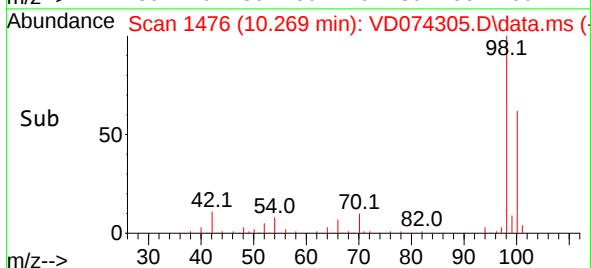
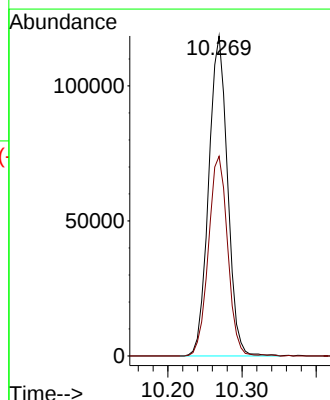
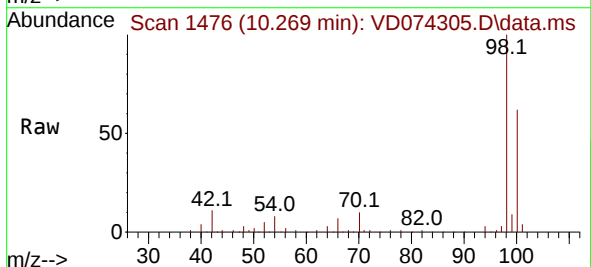
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091222

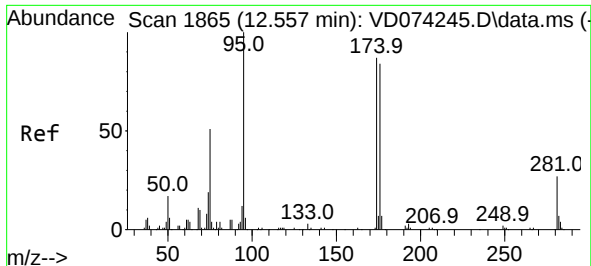
Tgt Ion:113 Resp: 52509
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.6
192 18.6 16.2 24.2



#50
Toluene-d8
Concen: 41.450 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074305.D
Acq: 15 Sep 2022 13:43

Tgt Ion: 98 Resp: 209251
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.8

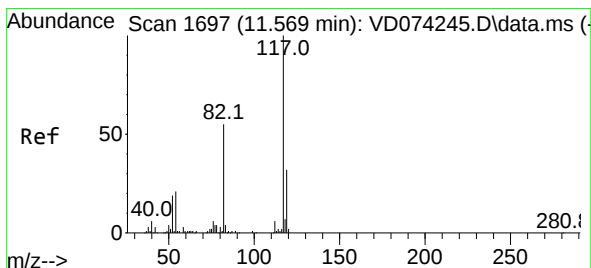
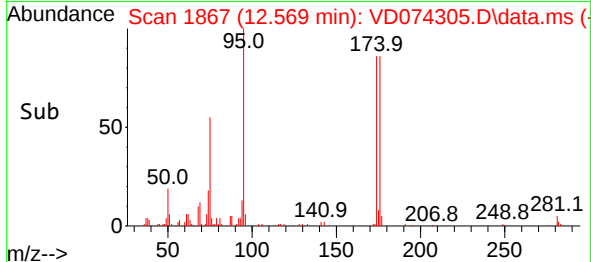
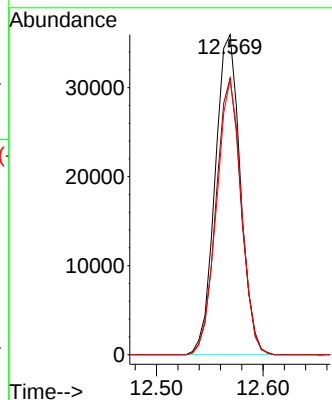
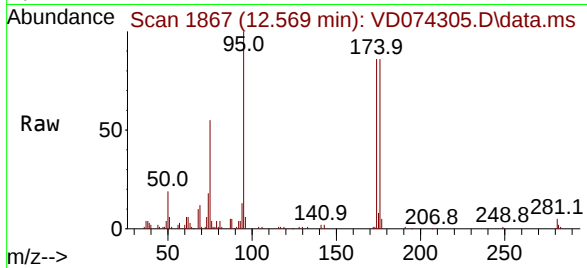




#62
4-Bromofluorobenzene
Concen: 30.829 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074305.D
Acq: 15 Sep 2022 13:43

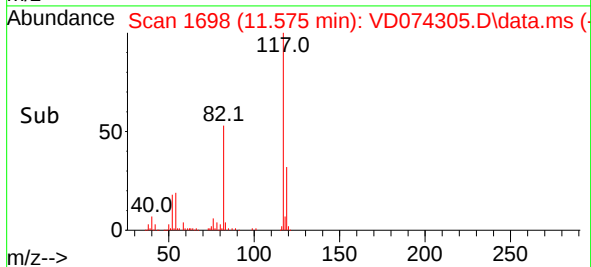
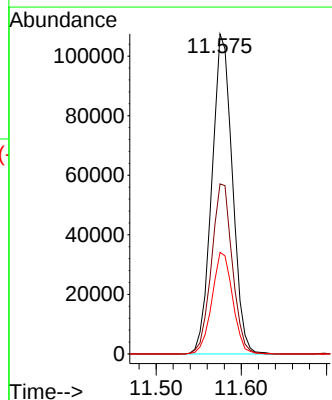
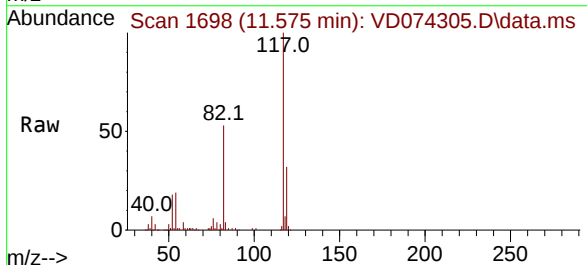
Instrument :
MSVOA_D
ClientSampleId :
OR-02-091222

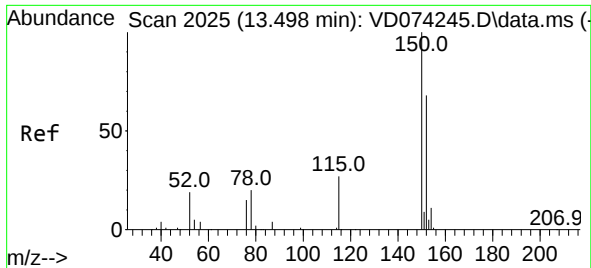
Tgt Ion: 95 Resp: 59034
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.2
176 84.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074305.D
Acq: 15 Sep 2022 13:43

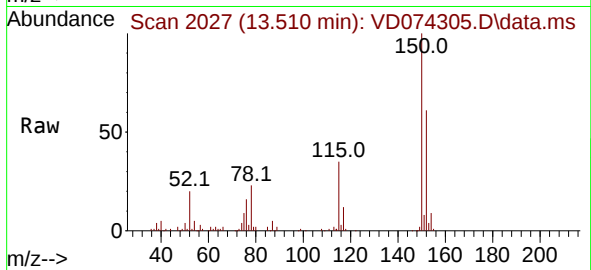
Tgt Ion: 117 Resp: 180158
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074305.D
 Acq: 15 Sep 2022 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-091222



Tgt Ion:152 Resp: 76254
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.4 85.2
 150 158.7 0.0 351.0

