

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074348.D
 Acq On : 19 Sep 2022 14:50
 Operator : VA/SY
 Sample : N4613-03
 Misc : 5.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(25-37)

Quant Time: Sep 19 23:01:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

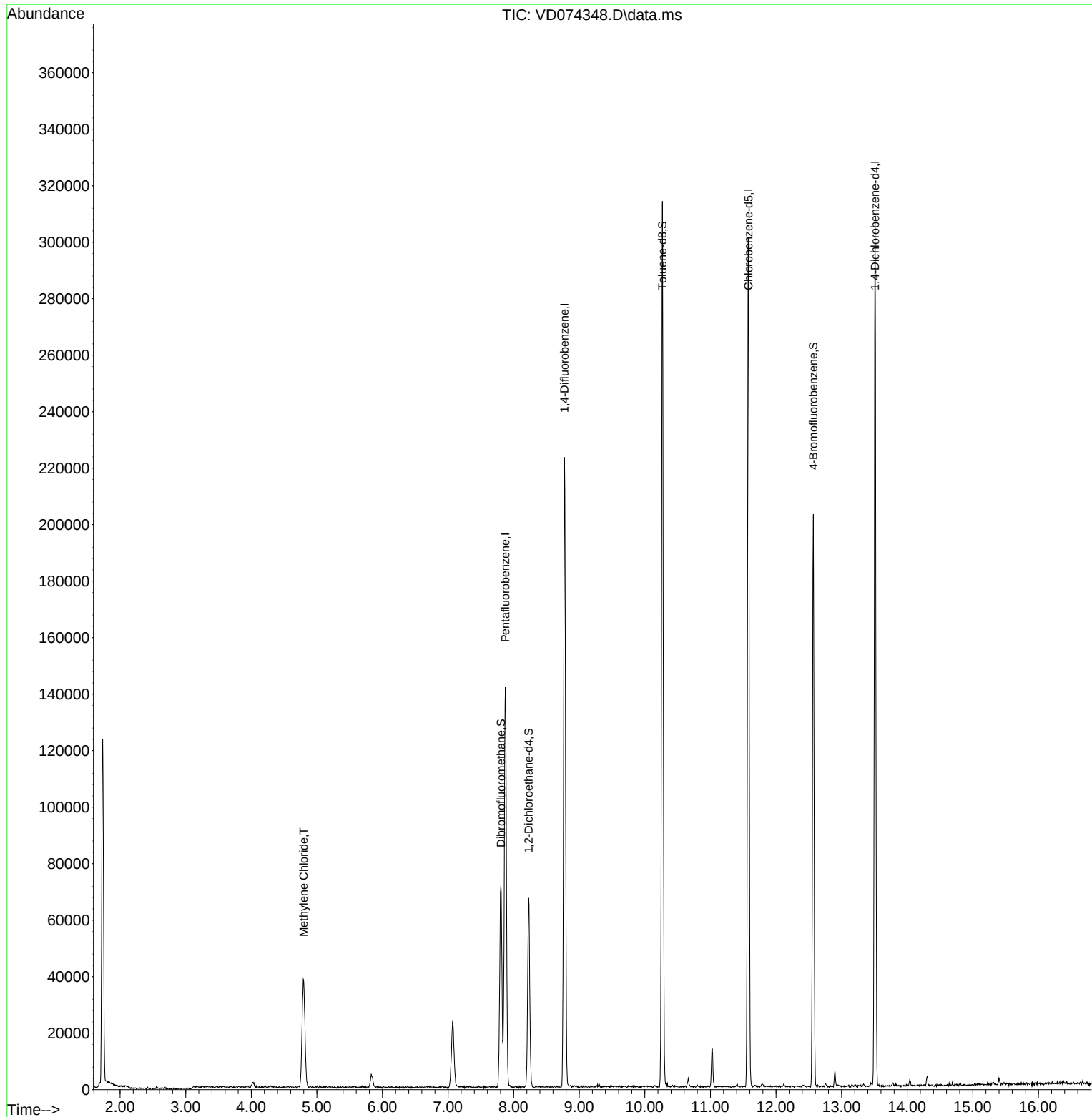
Internal Standards						
1) Pentafluorobenzene	7.875	168	111543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	80650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49627	45.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.810	113	52048	40.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.269	98	212846	47.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.569	95	61736	39.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.560%
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	29853	13.028	ug/l	94

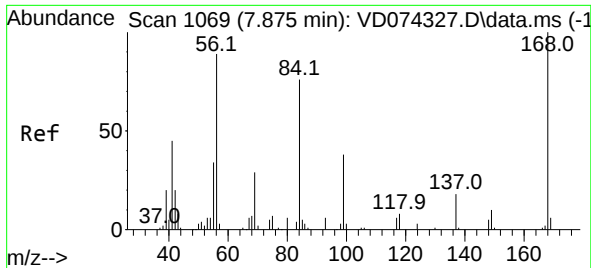
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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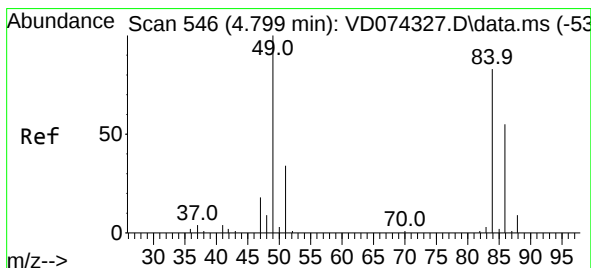
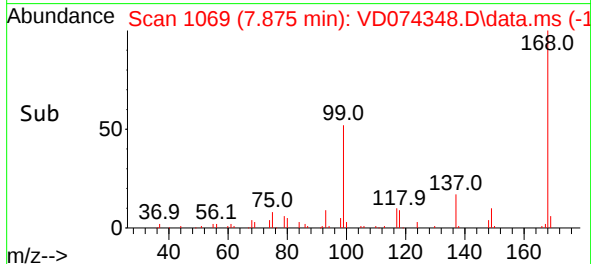
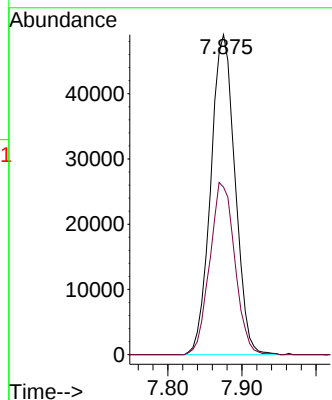
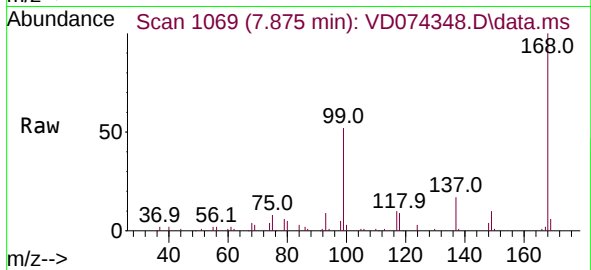




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

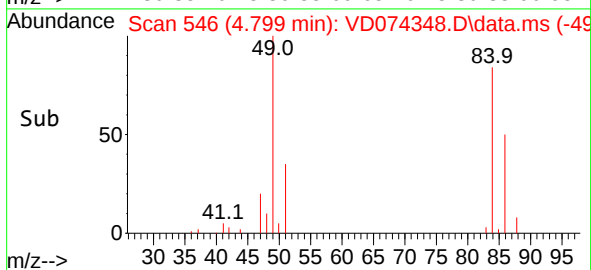
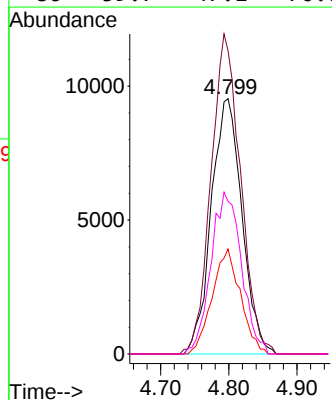
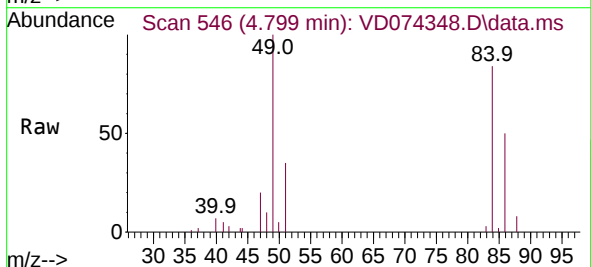
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(25-37)

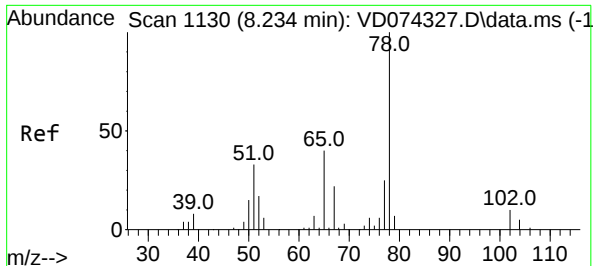
Tgt Ion:168 Resp: 111543
Ion Ratio Lower Upper
168 100
99 52.4 43.0 64.6



#20
Methylene Chloride
Concen: 13.028 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

Tgt Ion: 84 Resp: 29853
Ion Ratio Lower Upper
84 100
49 118.7 88.4 132.6
51 41.1 28.0 42.0
86 59.7 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 45.678 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074348.D

Acq: 19 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

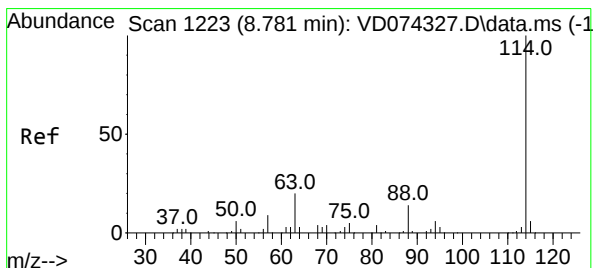
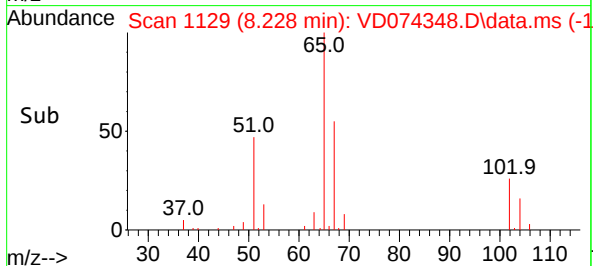
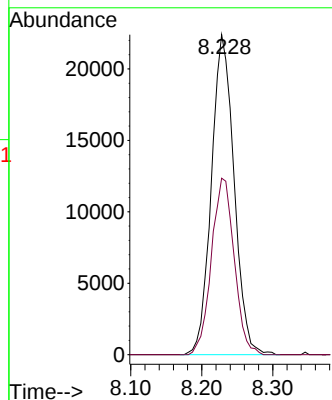
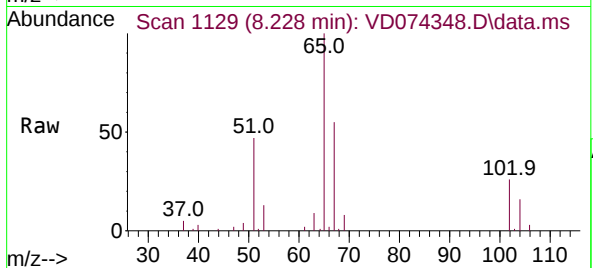
SASP2-T-6-(25-37)

Tgt Ion: 65 Resp: 49627

Ion Ratio Lower Upper

65 100

67 55.4 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: VD074348.D

Acq: 19 Sep 2022 14:50

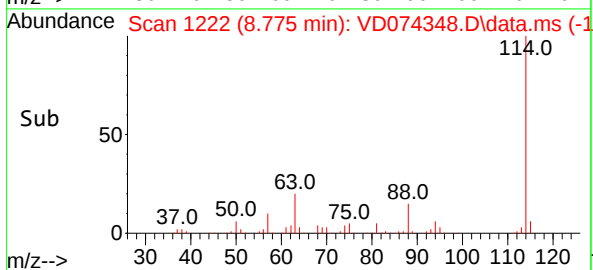
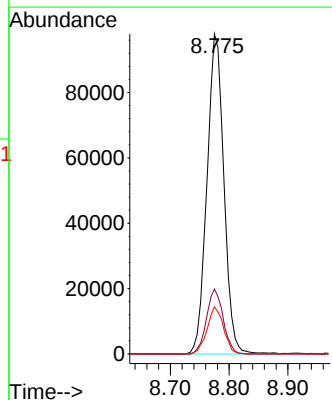
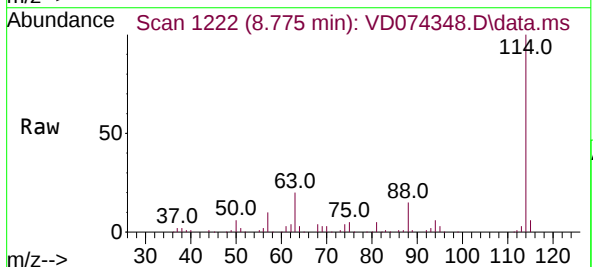
Tgt Ion: 114 Resp: 195754

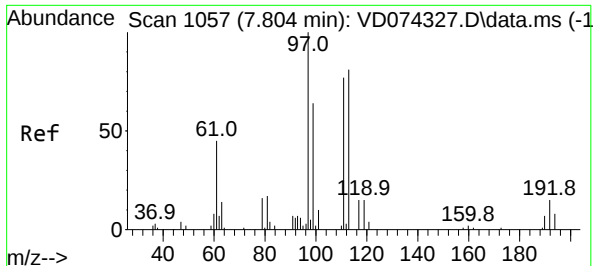
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.6

88 14.7 0.0 28.4





#35

Dibromofluoromethane

Concen: 40.371 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074348.D

Acq: 19 Sep 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(25-37)

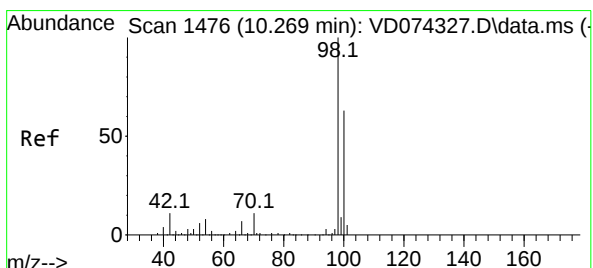
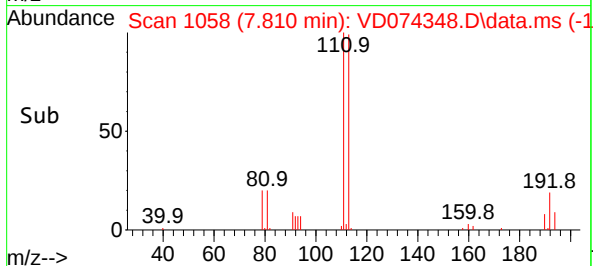
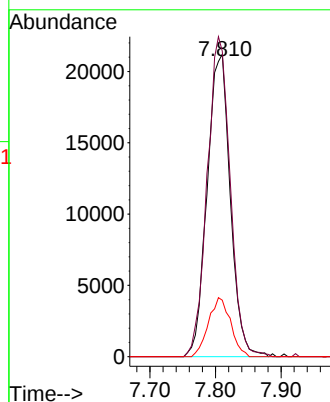
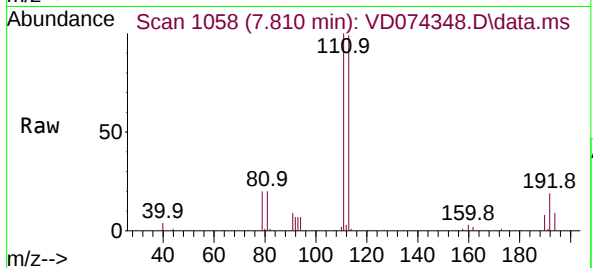
Tgt Ion:113 Resp: 52048

Ion Ratio Lower Upper

113 100

111 104.8 83.0 124.6

192 18.7 16.2 24.2



#50

Toluene-d8

Concen: 47.846 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074348.D

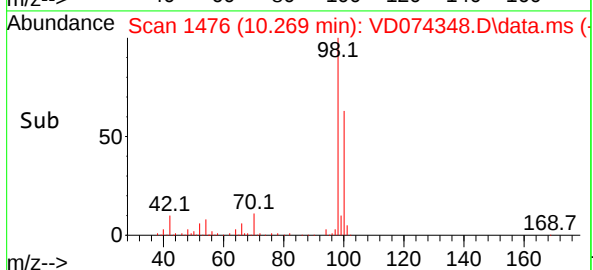
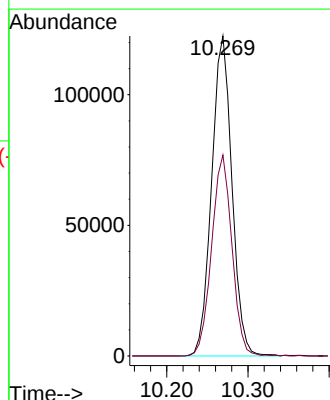
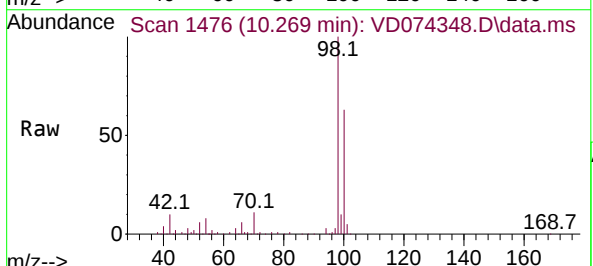
Acq: 19 Sep 2022 14:50

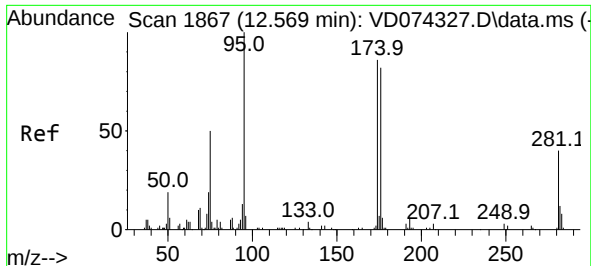
Tgt Ion: 98 Resp: 212846

Ion Ratio Lower Upper

98 100

100 62.8 51.8 77.8

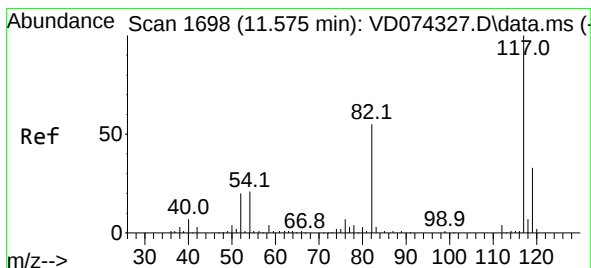
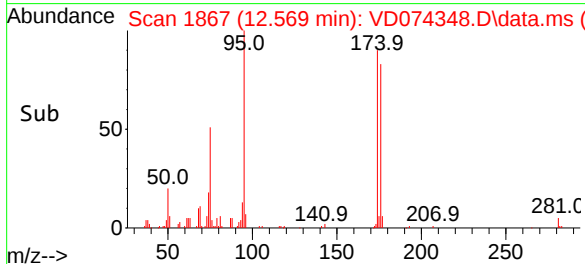
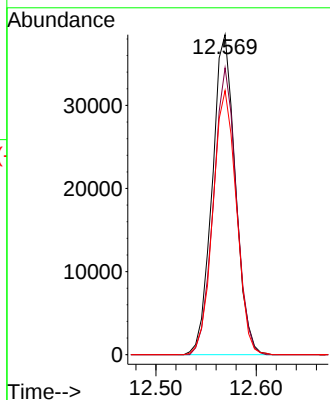
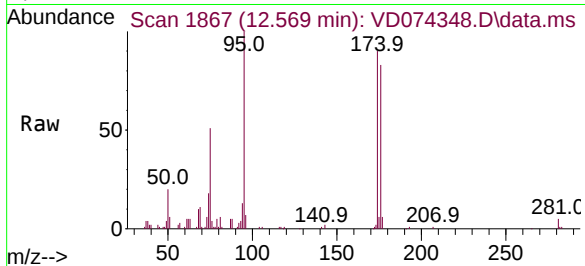




#62
4-Bromofluorobenzene
Concen: 39.781 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

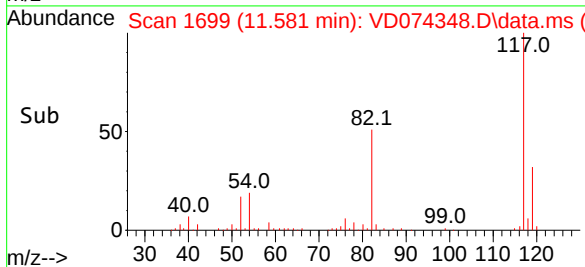
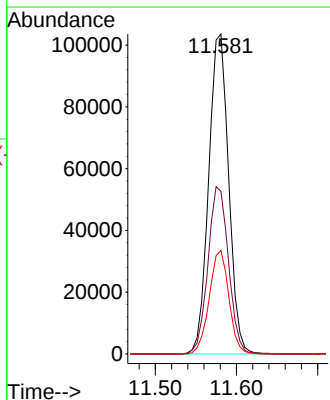
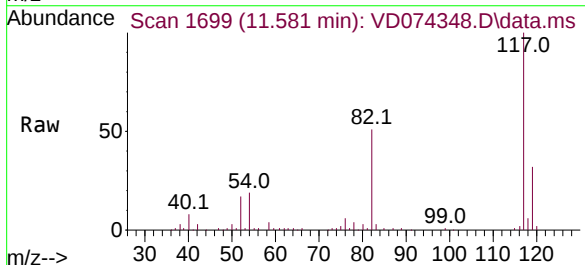
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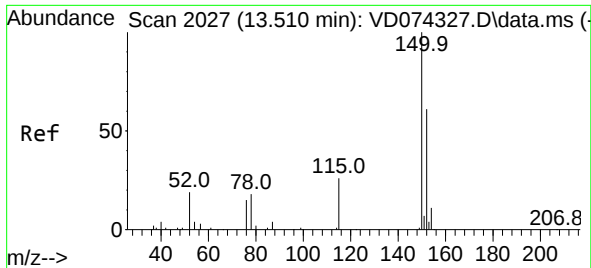
Tgt Ion:	95	Resp:	61736
Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	179.2
176	83.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074348.D
Acq: 19 Sep 2022 14:50

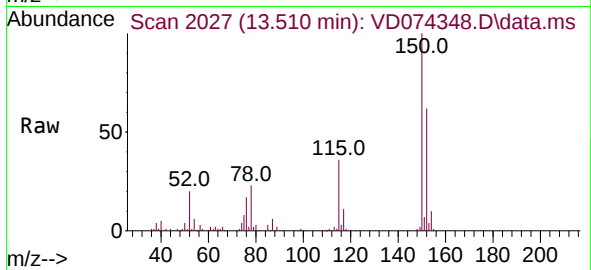
Tgt Ion:	117	Resp:	176836
Ion	Ratio	Lower	Upper
117	100		
82	50.9	44.2	66.2
119	32.3	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074348.D
 Acq: 19 Sep 2022 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(25-37)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.4	85.2
150	159.5	0.0	351.0

