

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074264.D
 Acq On : 13 Sep 2022 14:20
 Operator : VA/SY
 Sample : N4453-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-5-(0-5)

Quant Time: Sep 14 01:55:02 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)

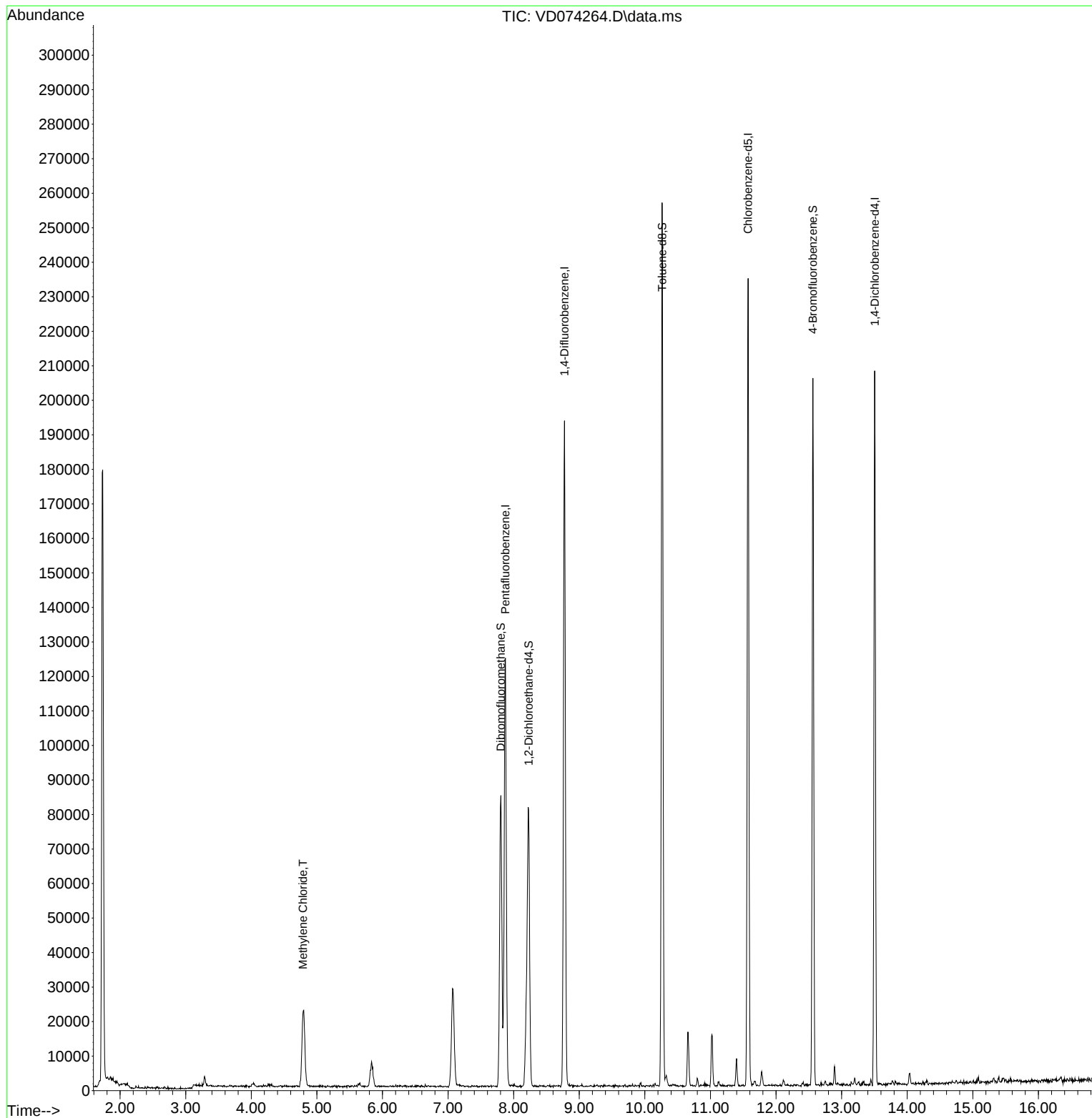
Internal Standards						
1) Pentafluorobenzene	7.875	168	98404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	170491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	136277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	57870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59493	59.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.600%
35) Dibromofluoromethane	7.804	113	61446	54.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.263	98	174633	41.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.580%
62) 4-Bromofluorobenzene	12.563	95	59821	39.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.080%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.787	84	17447	8.835	ug/l	94

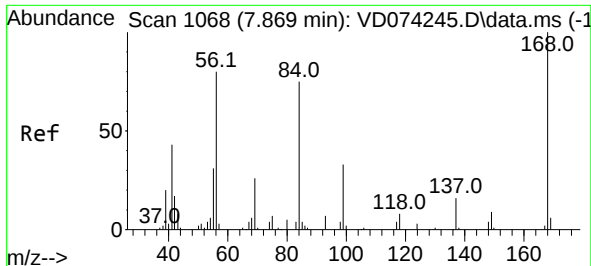
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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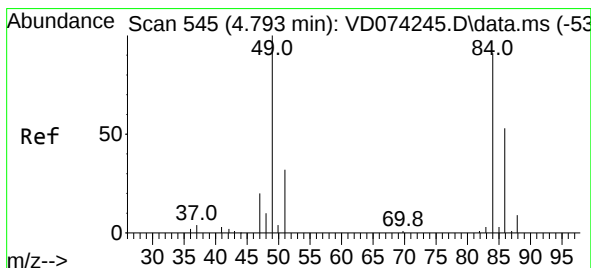
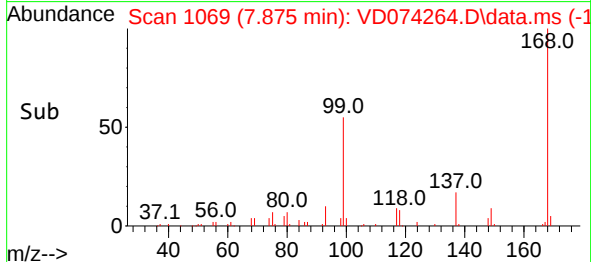
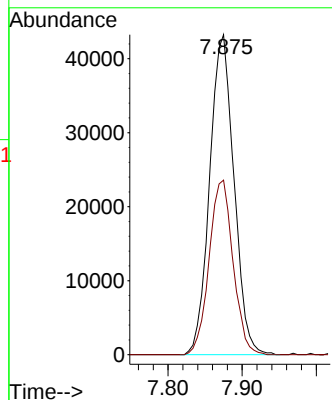
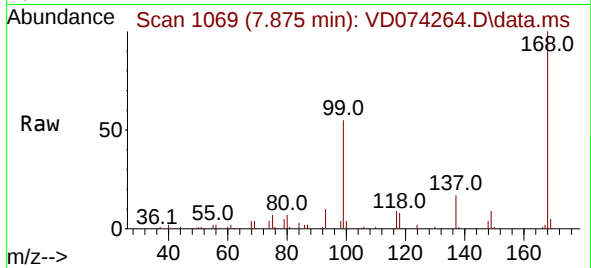




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

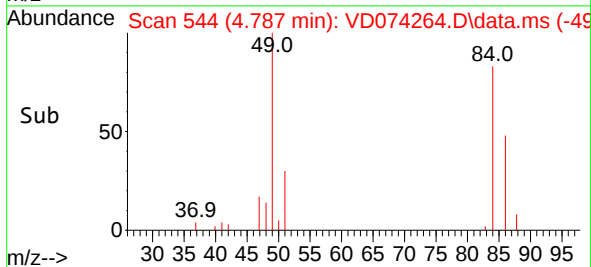
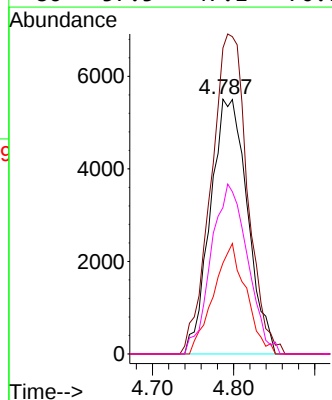
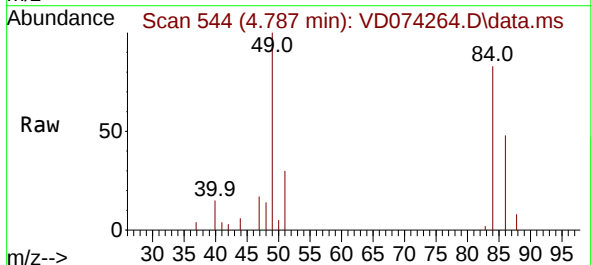
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(0-5)

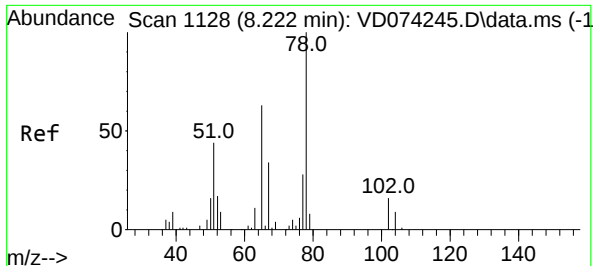
Tgt Ion:168 Resp: 98404
Ion Ratio Lower Upper
168 100
99 54.6 43.0 64.6



#20
Methylene Chloride
Concen: 8.835 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

Tgt Ion: 84 Resp: 17447
Ion Ratio Lower Upper
84 100
49 120.1 88.4 132.6
51 35.7 28.0 42.0
86 57.5 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 59.301 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074264.D

Acq: 13 Sep 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

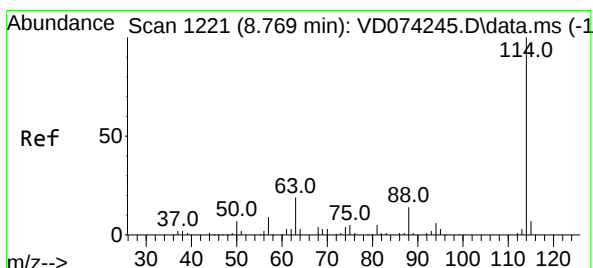
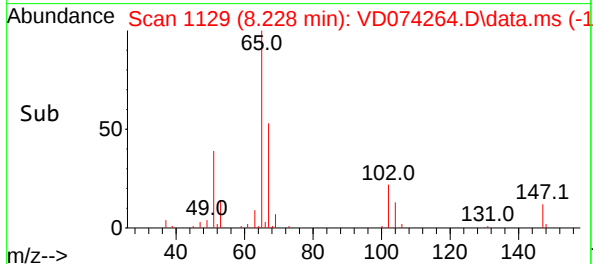
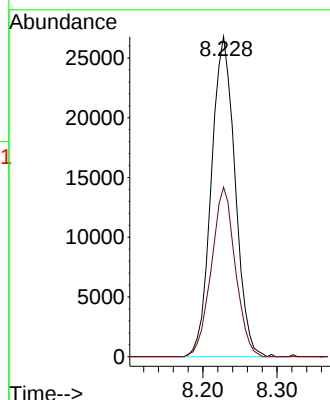
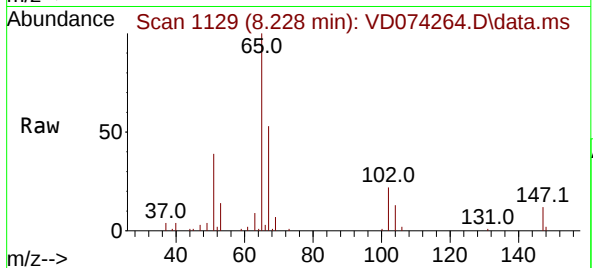
SASP2-T-5-(0-5)

Tgt Ion: 65 Resp: 59493

Ion Ratio Lower Upper

65 100

67 53.4 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: VD074264.D

Acq: 13 Sep 2022 14:20

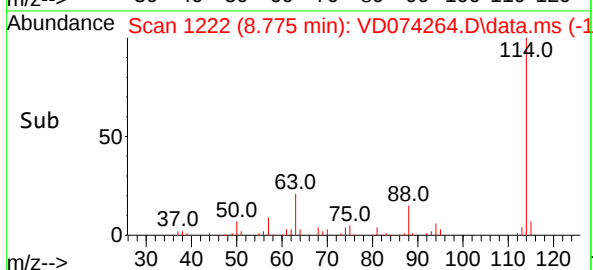
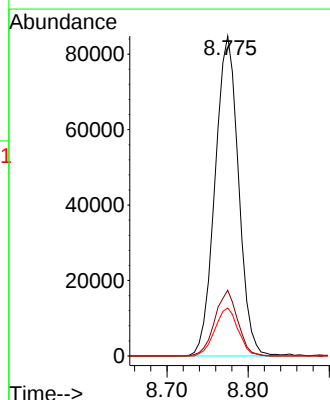
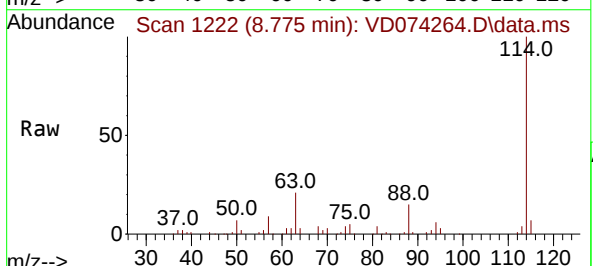
Tgt Ion: 114 Resp: 170491

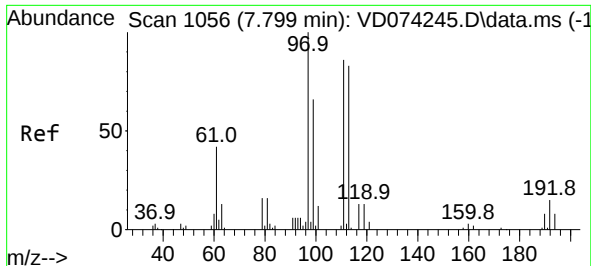
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.6

88 15.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 54.128 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074264.D

Acq: 13 Sep 2022 14:20

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-5-(0-5)

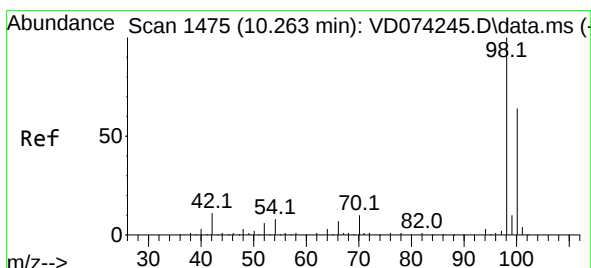
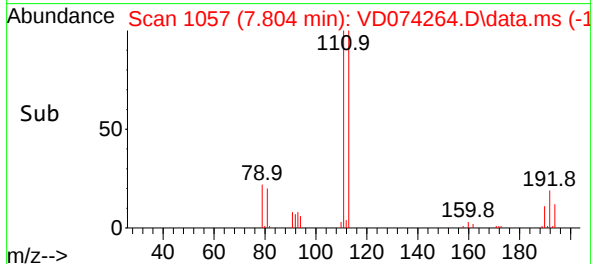
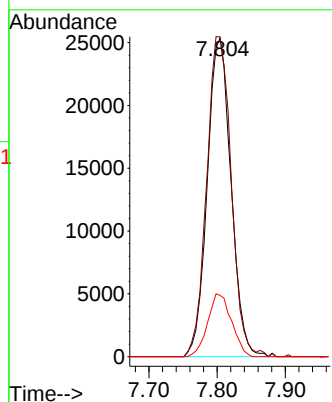
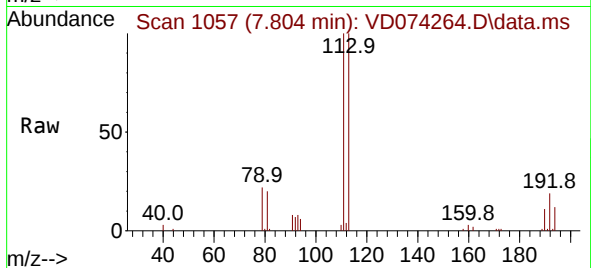
Tgt Ion:113 Resp: 61446

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

192 19.8 16.2 24.2



#50

Toluene-d8

Concen: 41.786 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074264.D

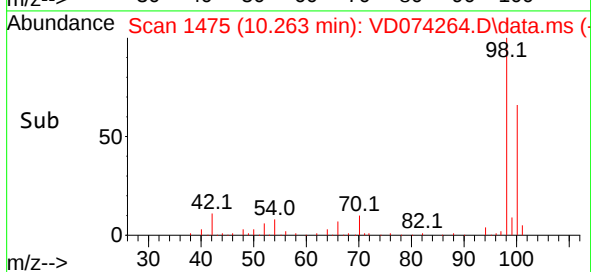
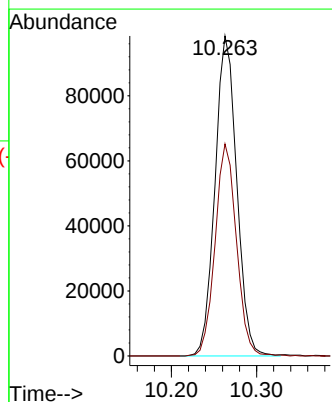
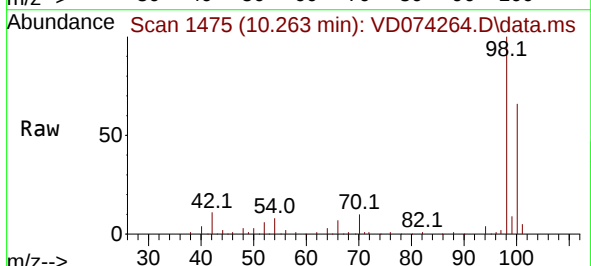
Acq: 13 Sep 2022 14:20

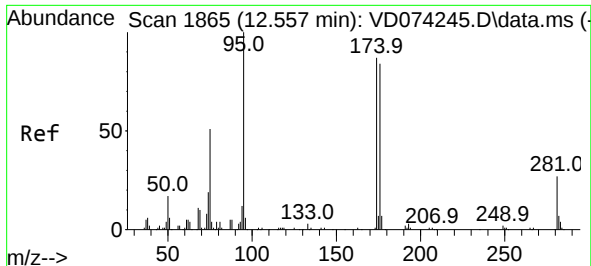
Tgt Ion: 98 Resp: 174633

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8

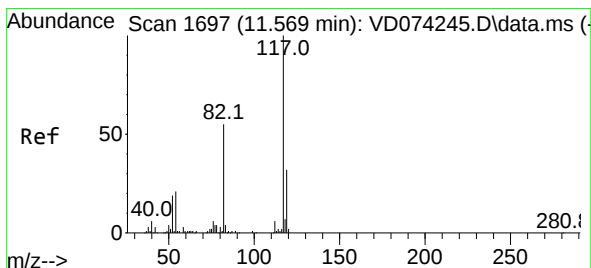
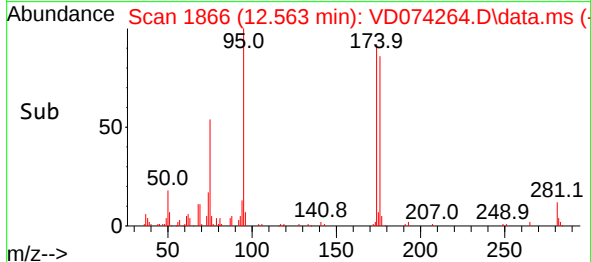
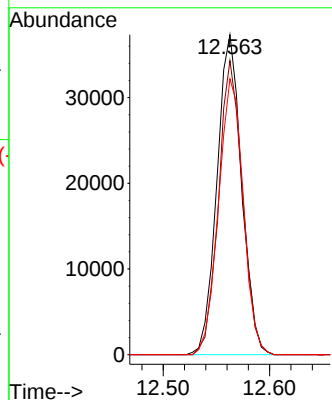
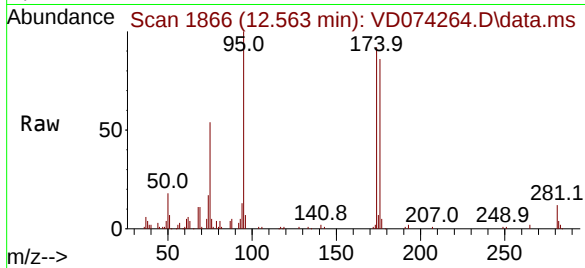




#62
4-Bromofluorobenzene
Concen: 39.536 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

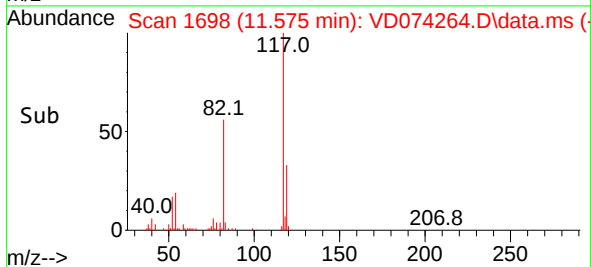
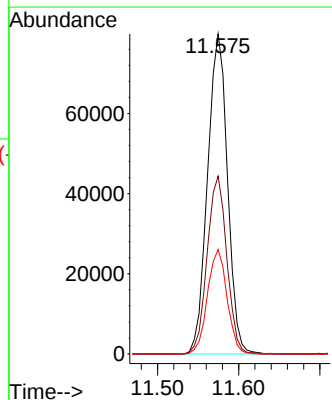
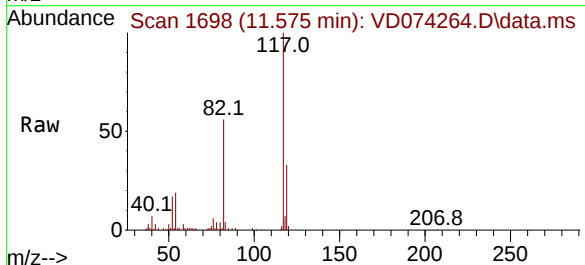
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SASP2-T-5-(0-5)

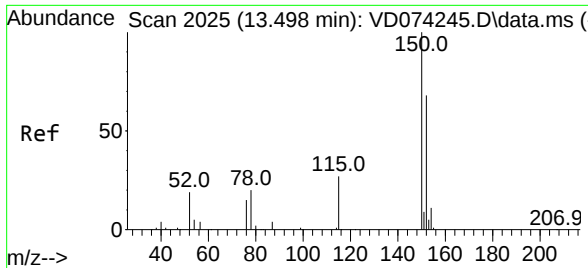
Tgt Ion: 95 Resp: 59821
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.2
176 86.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074264.D
Acq: 13 Sep 2022 14:20

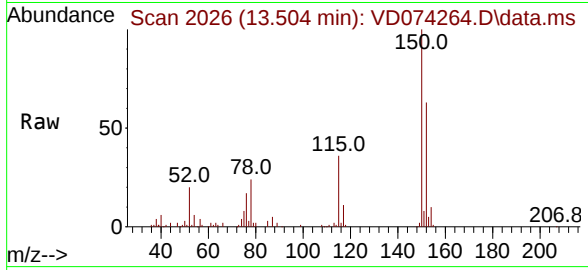
Tgt Ion: 117 Resp: 136277
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.504 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074264.D
 Acq: 13 Sep 2022 14:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-5-(0-5)



Tgt Ion:	152	Resp:	57870
Ion Ratio	Lower	Upper	
152	100		
115	56.3	28.4	85.2
150	153.5	0.0	351.0

