

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074276.D
 Acq On : 13 Sep 2022 20:09
 Operator : VA/SY
 Sample : N4569-01
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(0-5)

Quant Time: Sep 14 01:58:53 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)

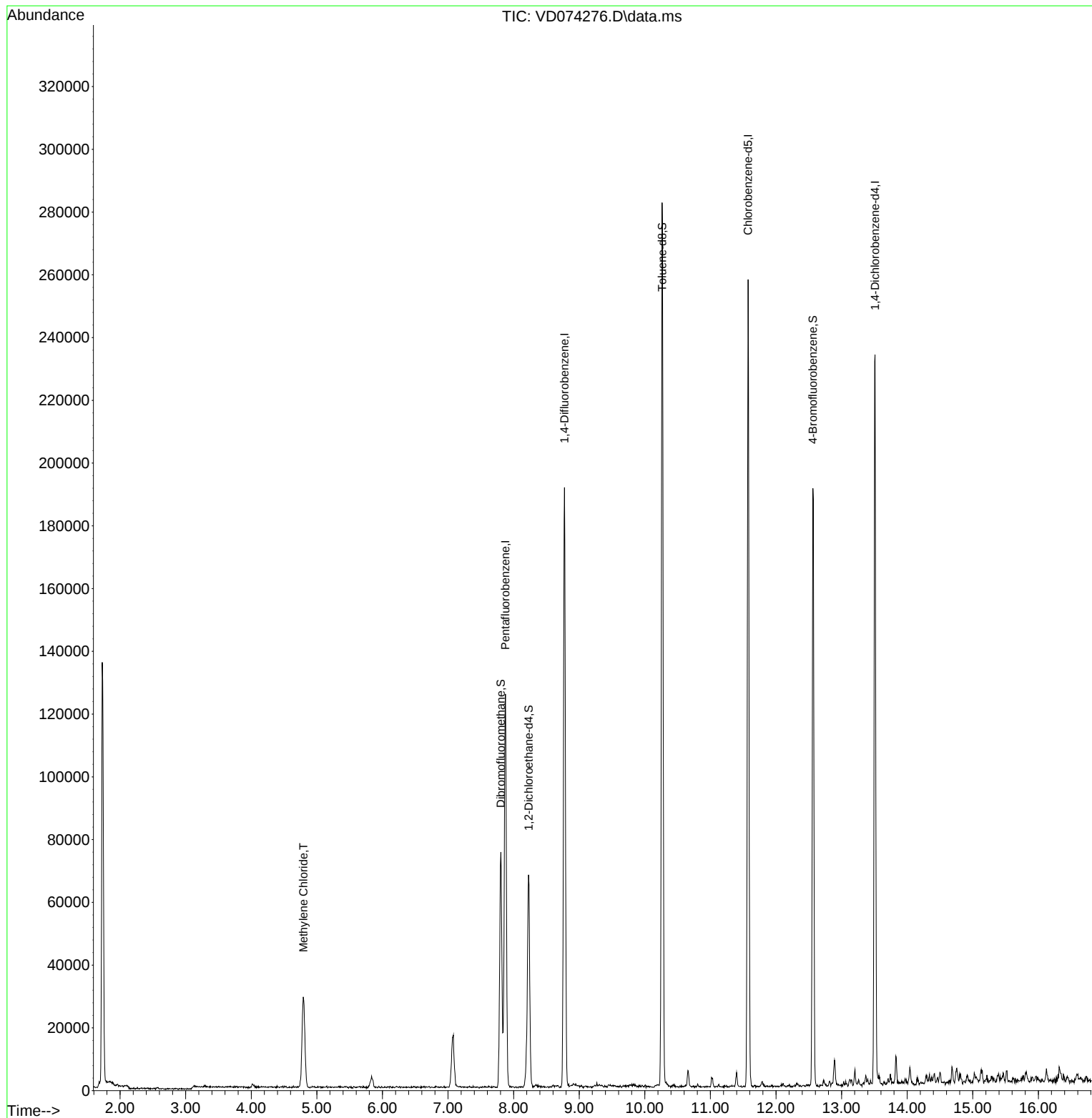
Internal Standards						
1) Pentafluorobenzene	7.875	168	97615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	148983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63564	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52216	52.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.940%
35) Dibromofluoromethane	7.805	113	53909	46.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.540%
50) Toluene-d8	10.263	98	197883	47.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.563	95	58065	37.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.760%
Target Compounds						
20) Methylene Chloride	4.793	84	22464	13.527	ug/l	Qvalue 97

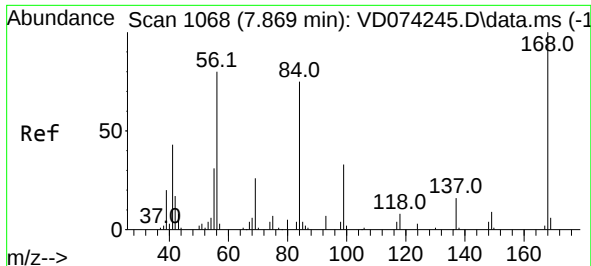
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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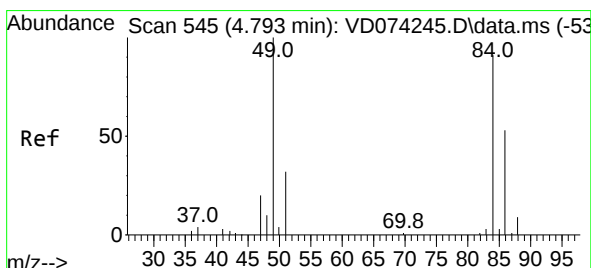
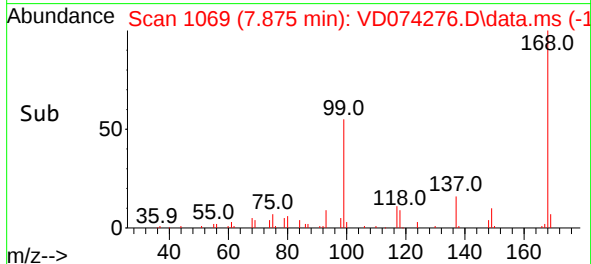
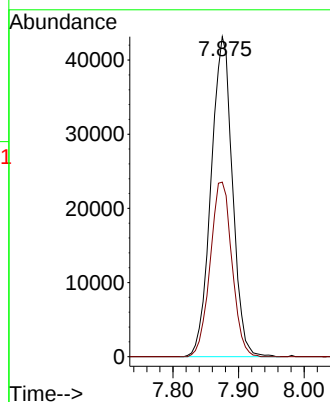
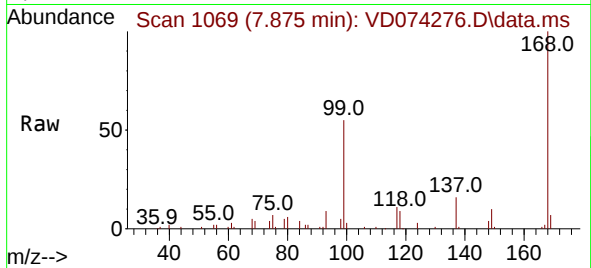




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

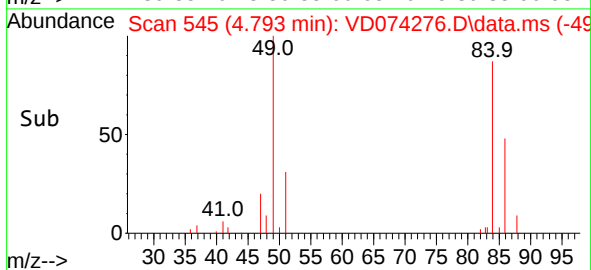
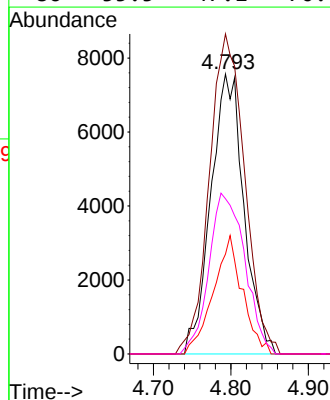
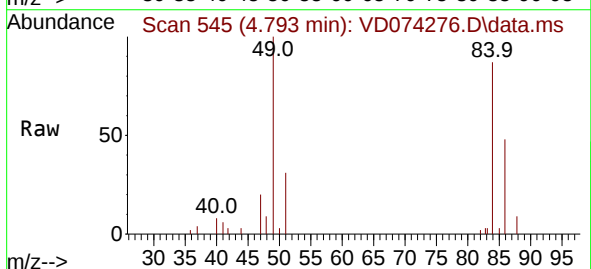
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(0-5)

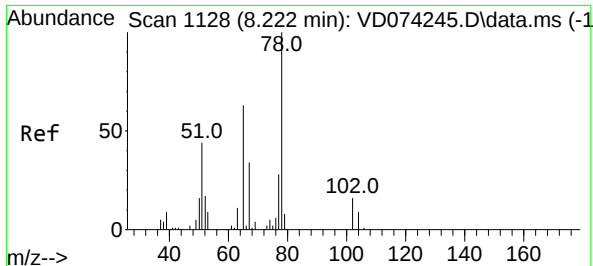
Tgt Ion:168 Resp: 97615
Ion Ratio Lower Upper
168 100
99 54.6 43.0 64.6



#20
Methylene Chloride
Concen: 13.527 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

Tgt Ion: 84 Resp: 22464
Ion Ratio Lower Upper
84 100
49 114.4 88.4 132.6
51 35.7 28.0 42.0
86 55.5 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 52.468 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074276.D

Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

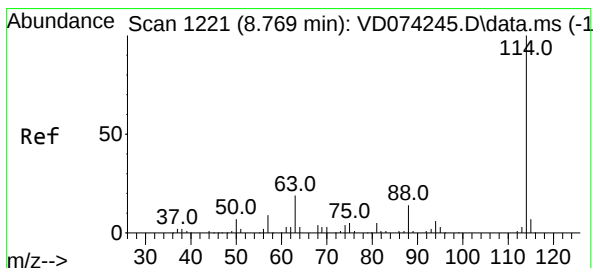
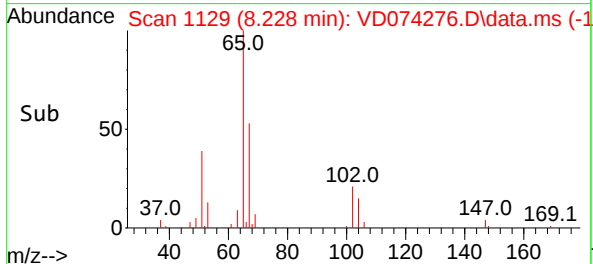
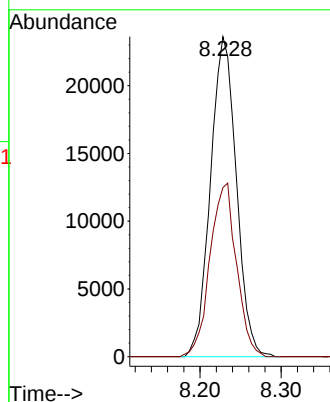
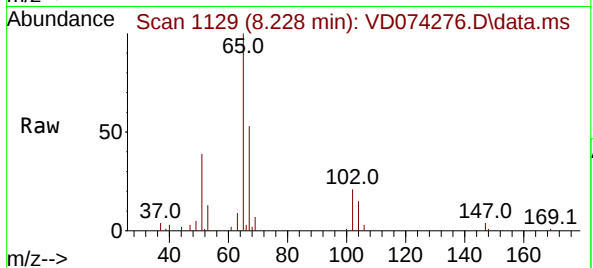
SASP2-T-6-(0-5)

Tgt Ion: 65 Resp: 52216

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: VD074276.D

Acq: 13 Sep 2022 20:09

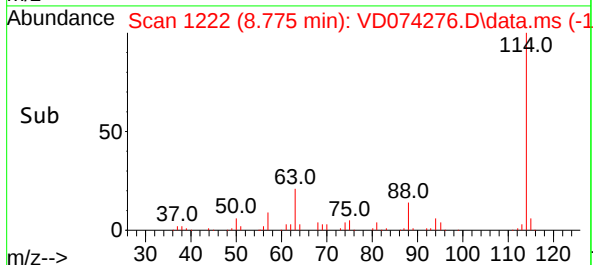
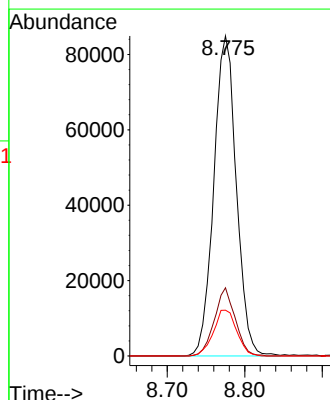
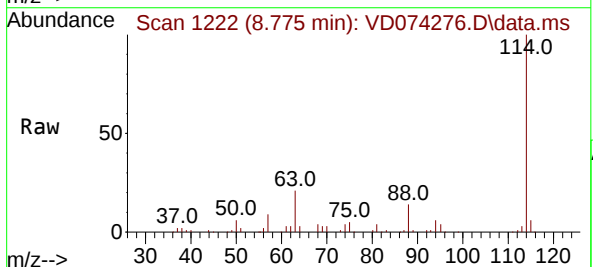
Tgt Ion: 114 Resp: 171450

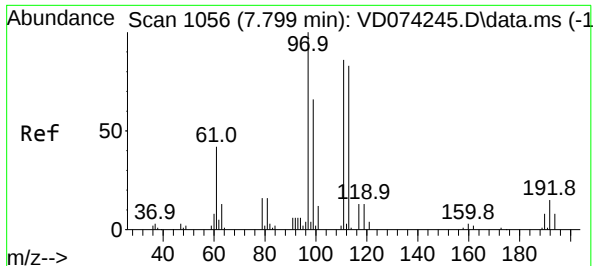
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.6

88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 46.772 ug/l

RT: 7.805 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD074276.D

Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(0-5)

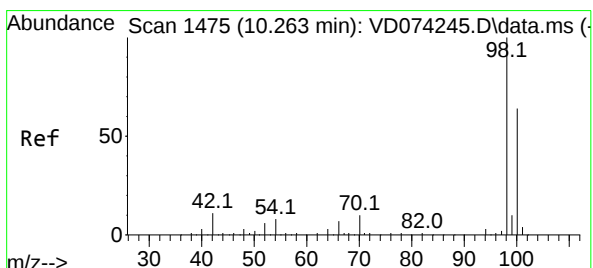
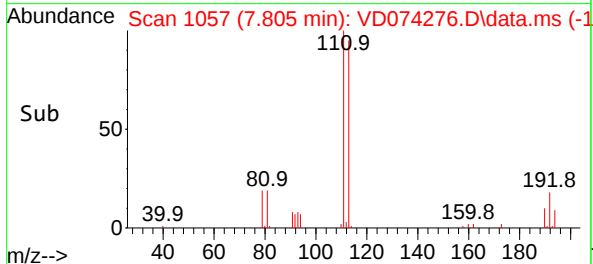
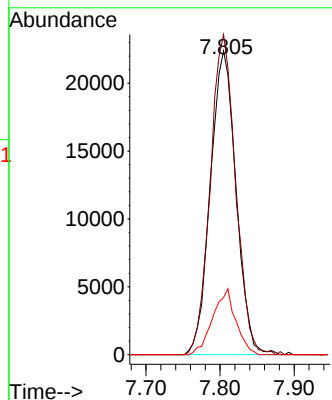
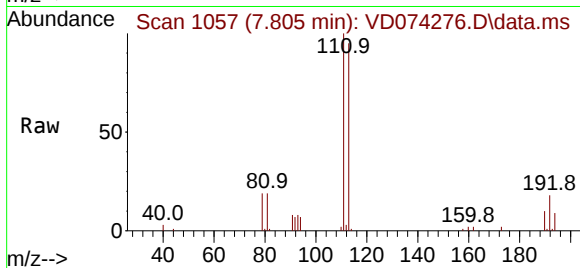
Tgt Ion:113 Resp: 53909

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

192 19.5 16.2 24.2



#50

Toluene-d8

Concen: 47.084 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD074276.D

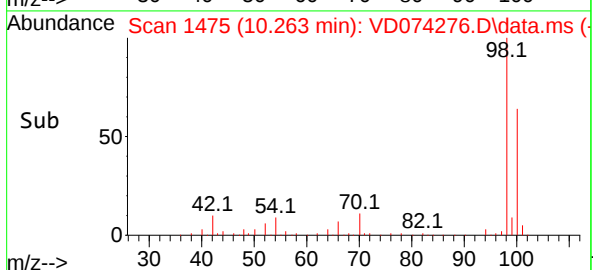
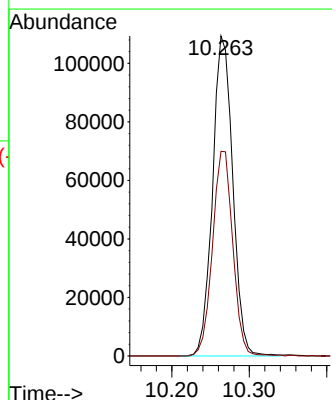
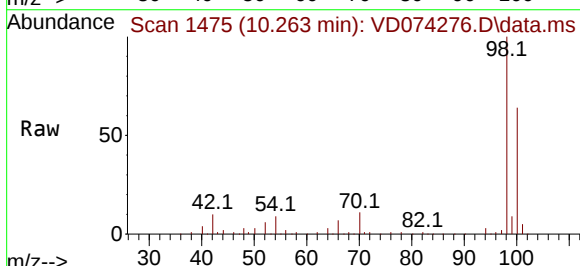
Acq: 13 Sep 2022 20:09

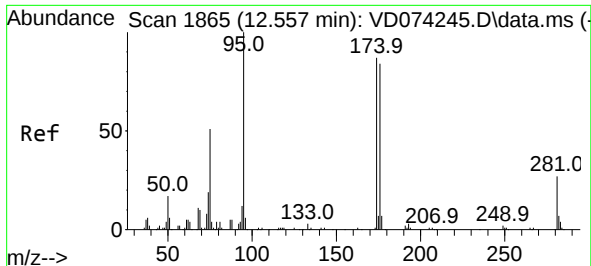
Tgt Ion: 98 Resp: 197883

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.8

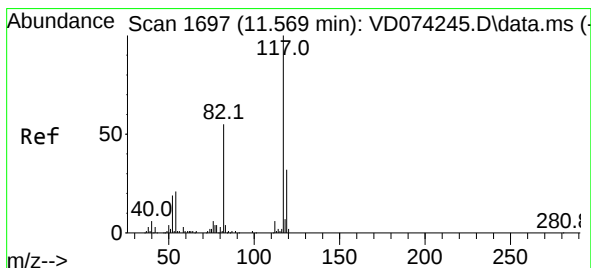
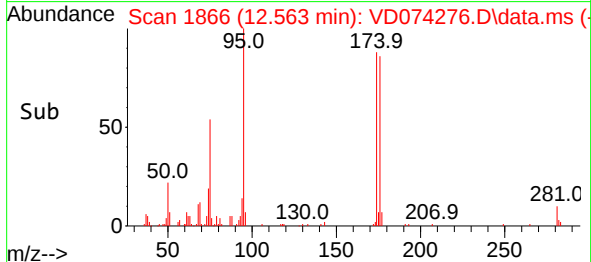
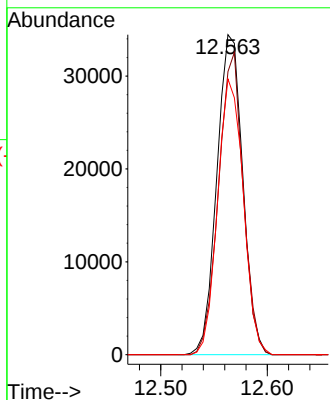
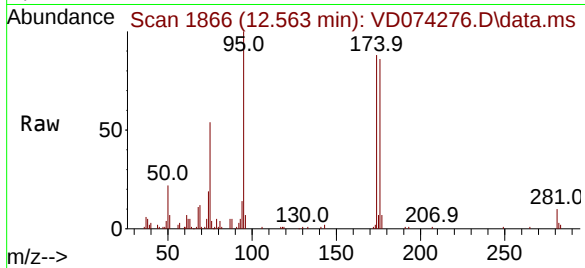




#62
4-Bromofluorobenzene
Concen: 37.881 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

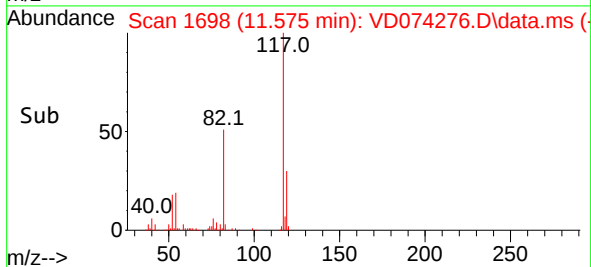
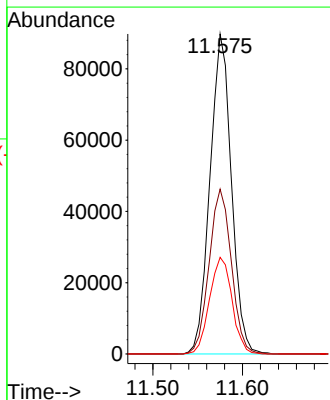
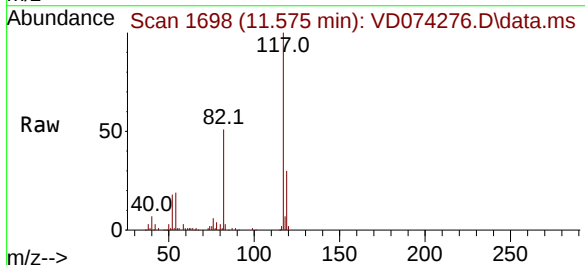
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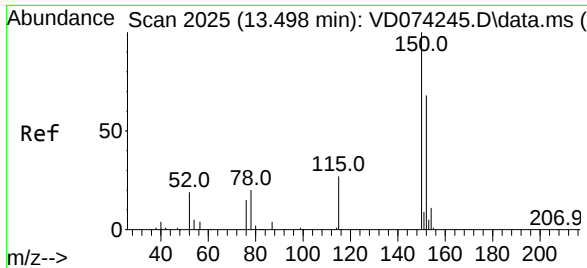
Tgt Ion: 95 Resp: 58065
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.2
176 85.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074276.D
Acq: 13 Sep 2022 20:09

Tgt Ion: 117 Resp: 148983
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 30.2 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: VD074276.D

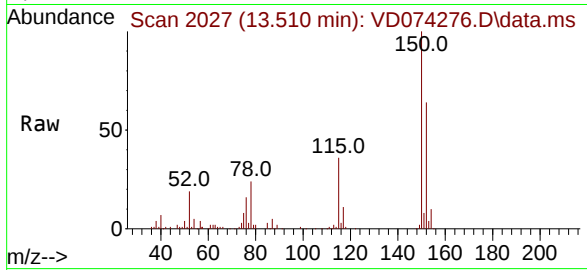
Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(0-5)



Tgt Ion:152 Resp: 63564

Ion Ratio Lower Upper

152 100

115 57.8 28.4 85.2

150 157.4 0.0 351.0

