

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074275.D
 Acq On : 13 Sep 2022 19:40
 Operator : VA/SY
 Sample : N4569-02
 Misc : 4.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(5-10)

Quant Time: Sep 14 01:58:28 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)

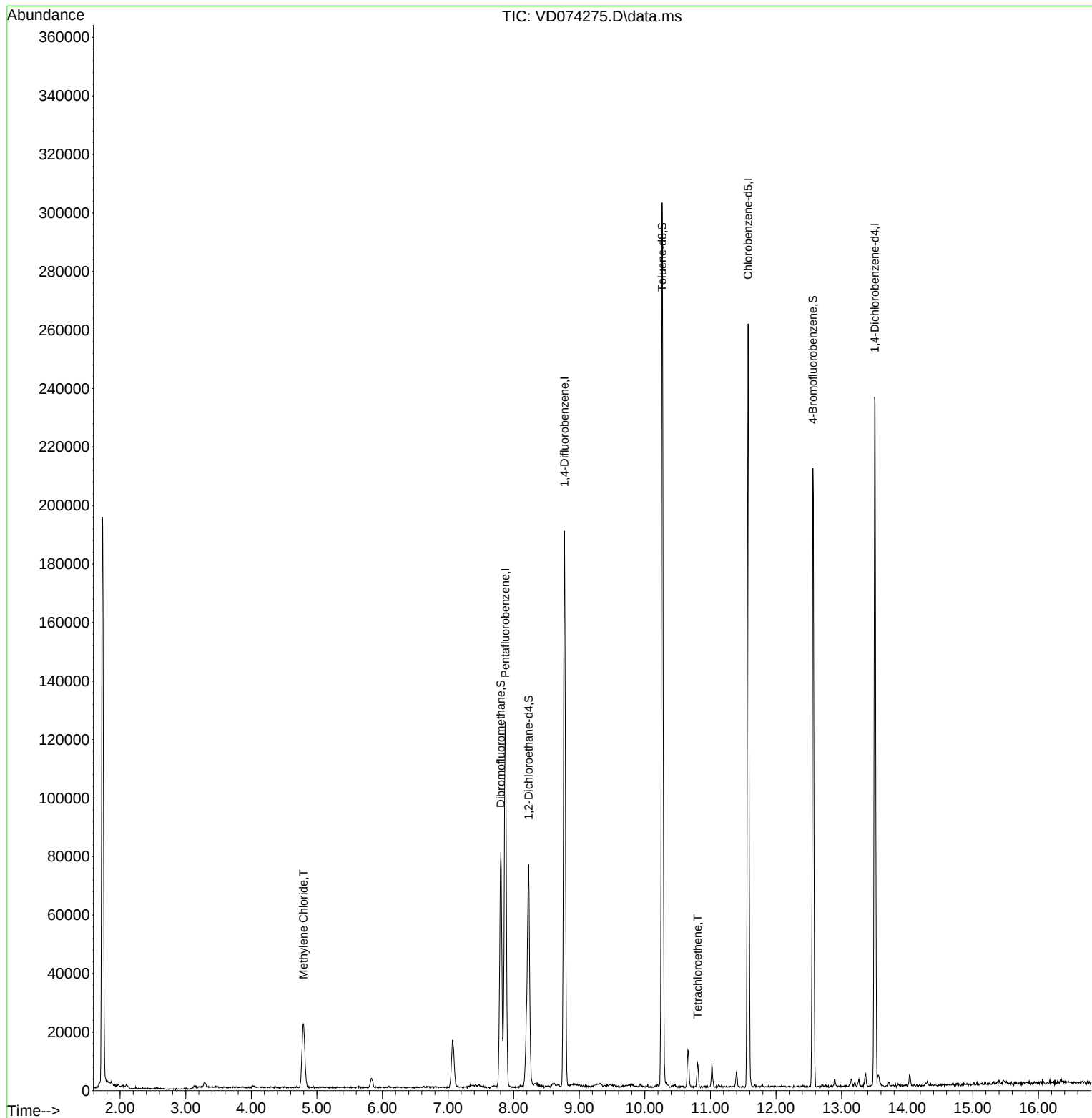
Internal Standards						
1) Pentafluorobenzene	7.875	168	100260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	170638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	146234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	66295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53691	52.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.060%
35) Dibromofluoromethane	7.804	113	56636	49.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.263	98	212681	50.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.563	95	62920	41.957	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.920%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.793	84	17548	8.633	ug/l	95
64) Tetrachloroethene	10.804	164	2055	1.838	ug/l #	92

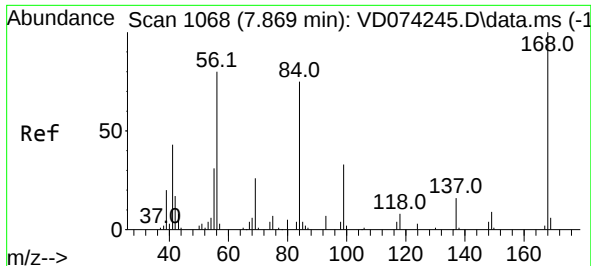
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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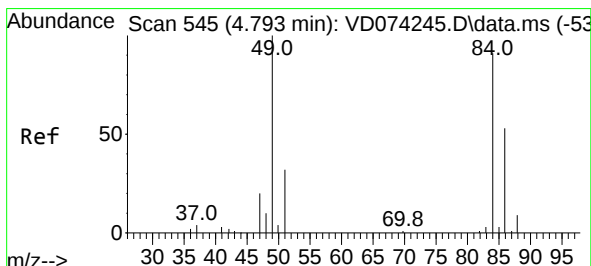
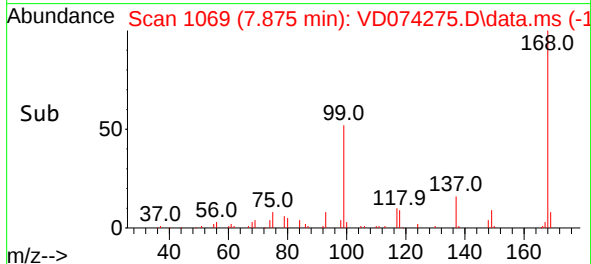
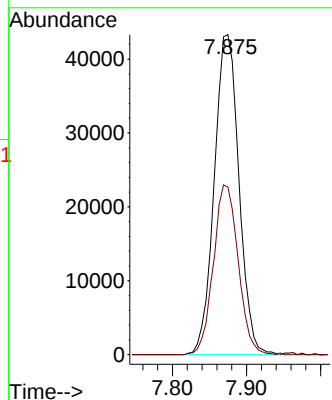
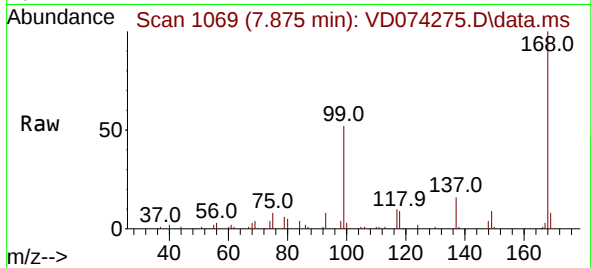




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

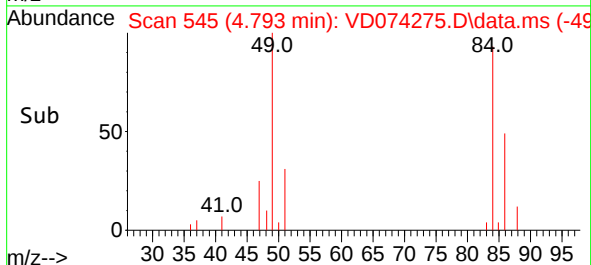
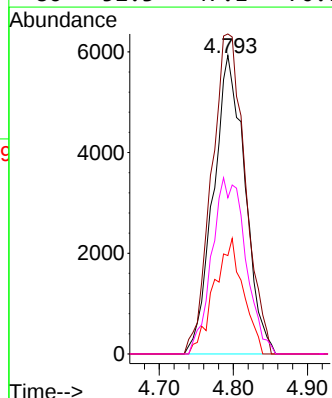
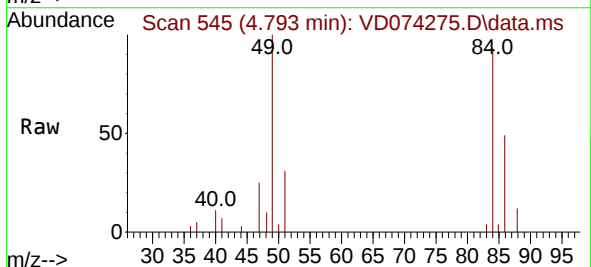
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(5-10)

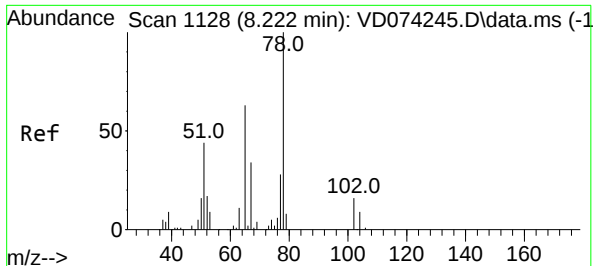
Tgt Ion:168 Resp: 100260
Ion Ratio Lower Upper
168 100
99 52.4 43.0 64.6



#20
Methylene Chloride
Concen: 8.633 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 84 Resp: 17548
Ion Ratio Lower Upper
84 100
49 107.2 88.4 132.6
51 33.0 28.0 42.0
86 52.3 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 52.527 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074275.D

Acq: 13 Sep 2022 19:40

Instrument :

MSVOA_D

ClientSampleId :

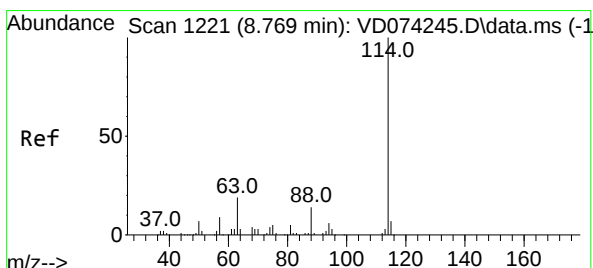
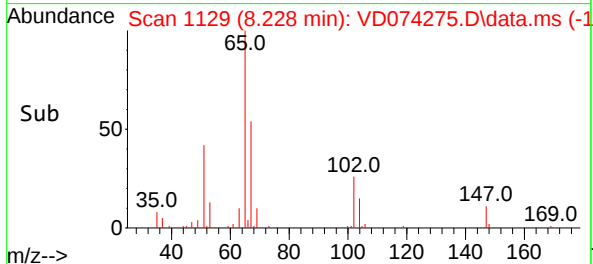
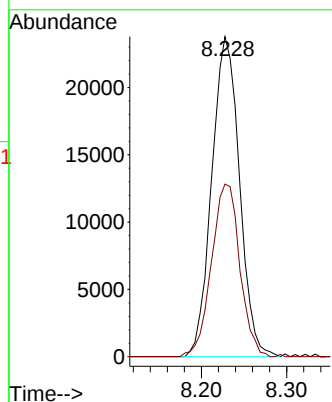
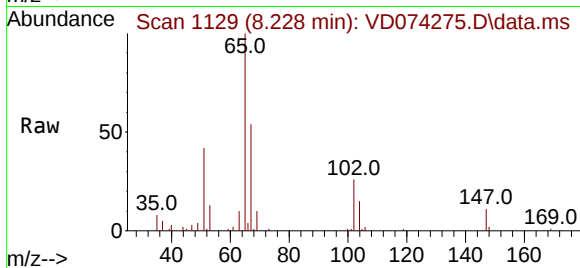
SASP2-T-6-(5-10)

Tgt Ion: 65 Resp: 53691

Ion Ratio Lower Upper

65 100

67 55.1 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: VD074275.D

Acq: 13 Sep 2022 19:40

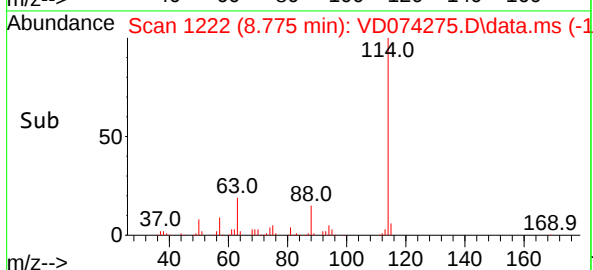
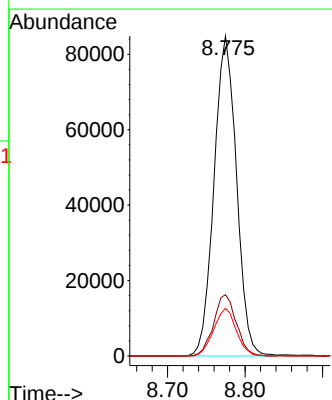
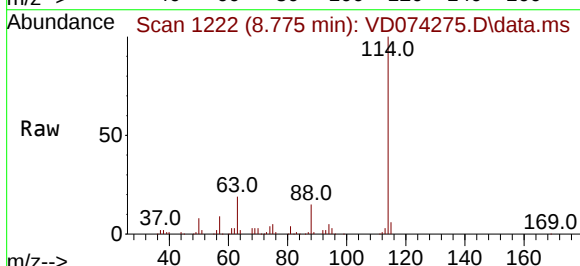
Tgt Ion: 114 Resp: 170638

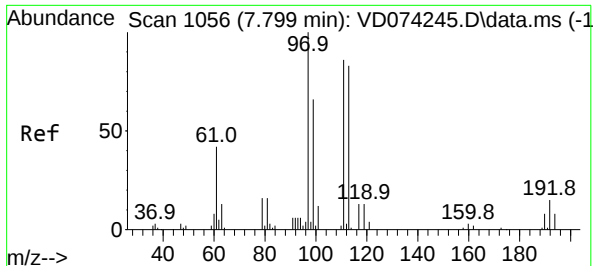
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 14.8 0.0 28.4





#35

Dibromofluoromethane

Concen: 49.568 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074275.D

Acq: 13 Sep 2022 19:40

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-6-(5-10)

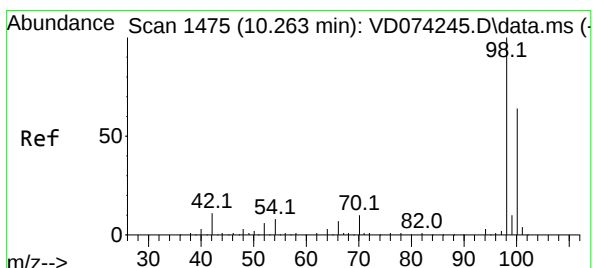
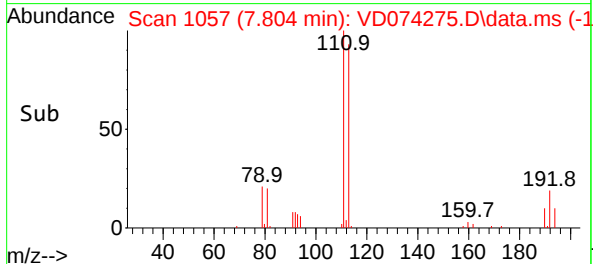
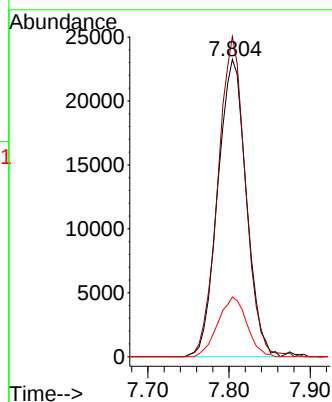
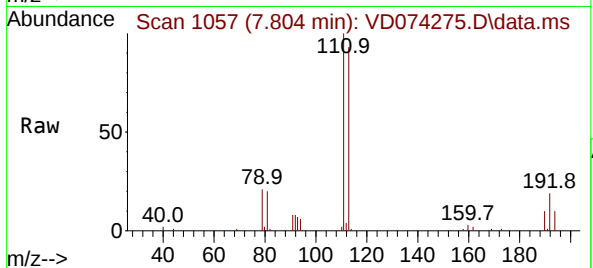
Tgt Ion:113 Resp: 56636

Ion Ratio Lower Upper

113 100

111 104.4 83.0 124.6

192 20.4 16.2 24.2



#50

Toluene-d8

Concen: 50.846 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074275.D

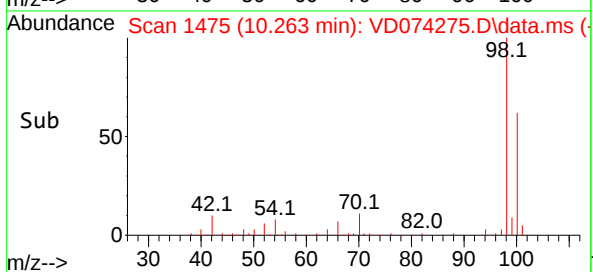
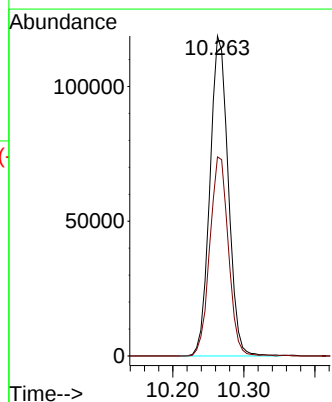
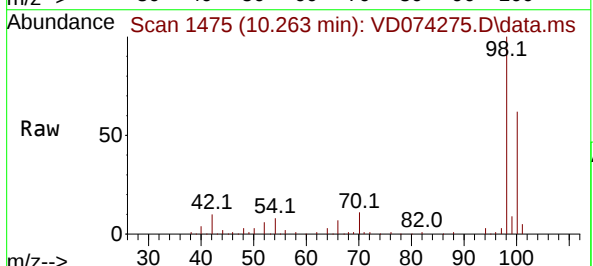
Acq: 13 Sep 2022 19:40

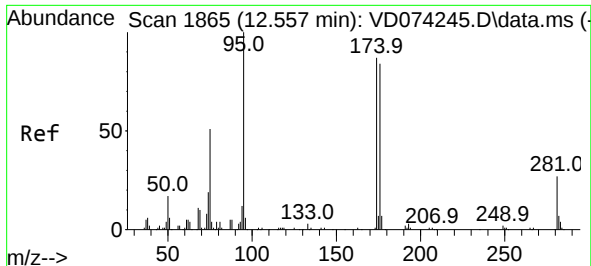
Tgt Ion: 98 Resp: 212681

Ion Ratio Lower Upper

98 100

100 63.0 51.8 77.8

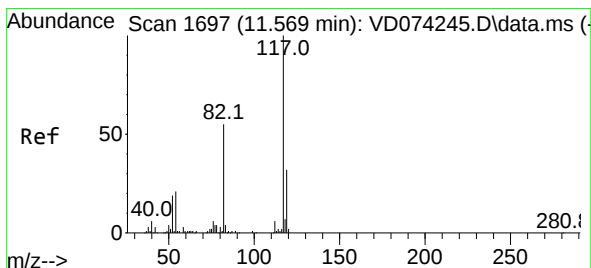
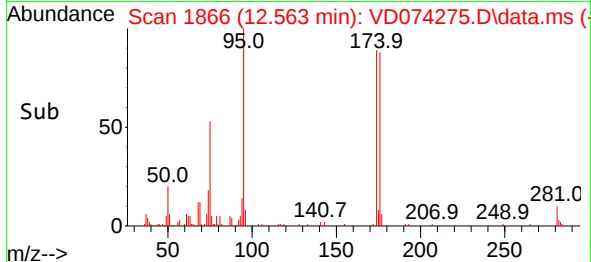
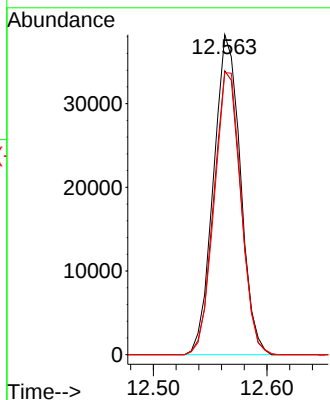
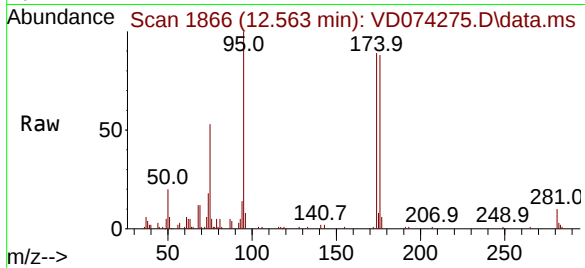




#62
4-Bromofluorobenzene
Concen: 41.957 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

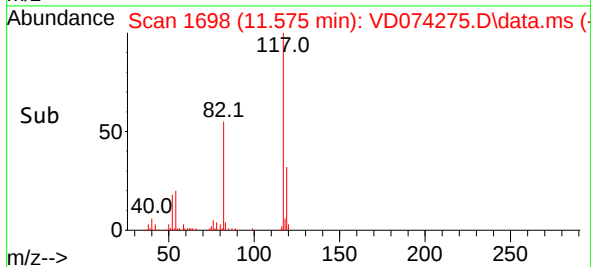
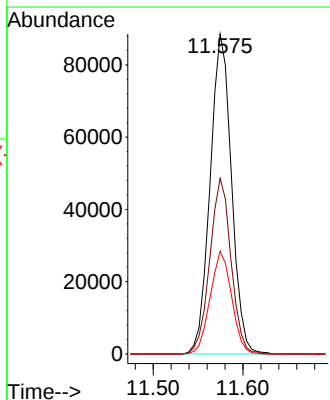
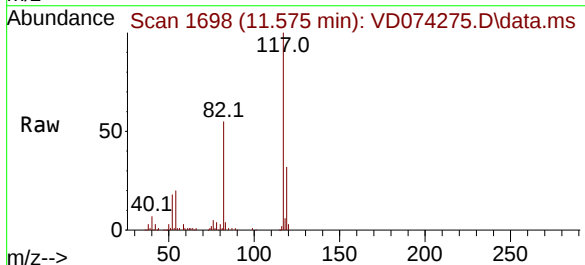
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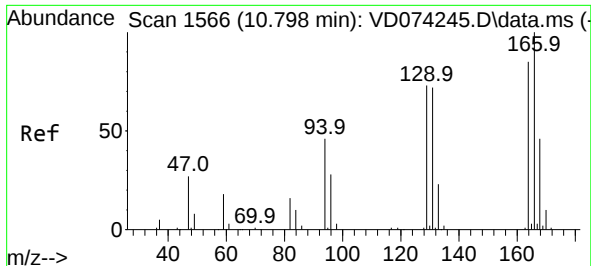
Tgt Ion: 95 Resp: 62920
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.2
176 87.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 117 Resp: 146234
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.1 25.4 38.0

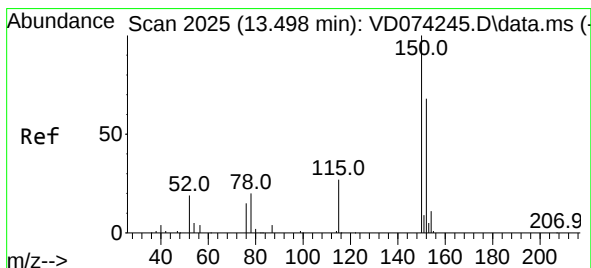
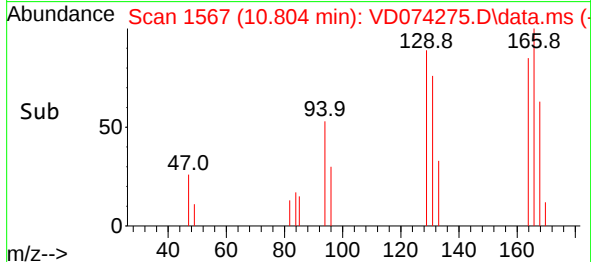
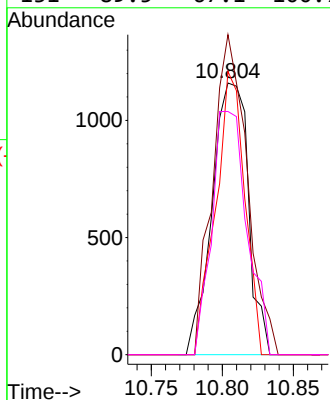
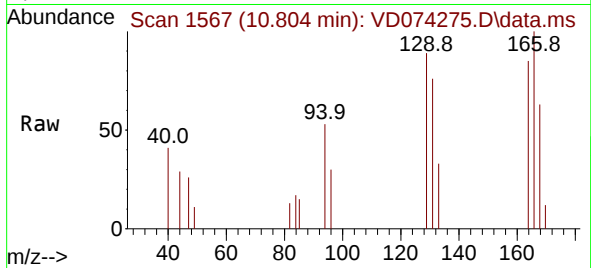




#64
Tetrachloroethene
Concen: 1.838 ug/l
RT: 10.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(5-10)

Tgt Ion:164 Resp: 2055
Ion Ratio Lower Upper
164 100
166 117.8 93.8 140.8
129 104.2 68.3 102.5#
131 89.5 67.1 100.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion:152 Resp: 66295
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 156.9 0.0 351.0

