

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074267.D
 Acq On : 13 Sep 2022 15:47
 Operator : VA/SY
 Sample : N4562-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26524

Quant Time: Sep 14 01:55:53 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)

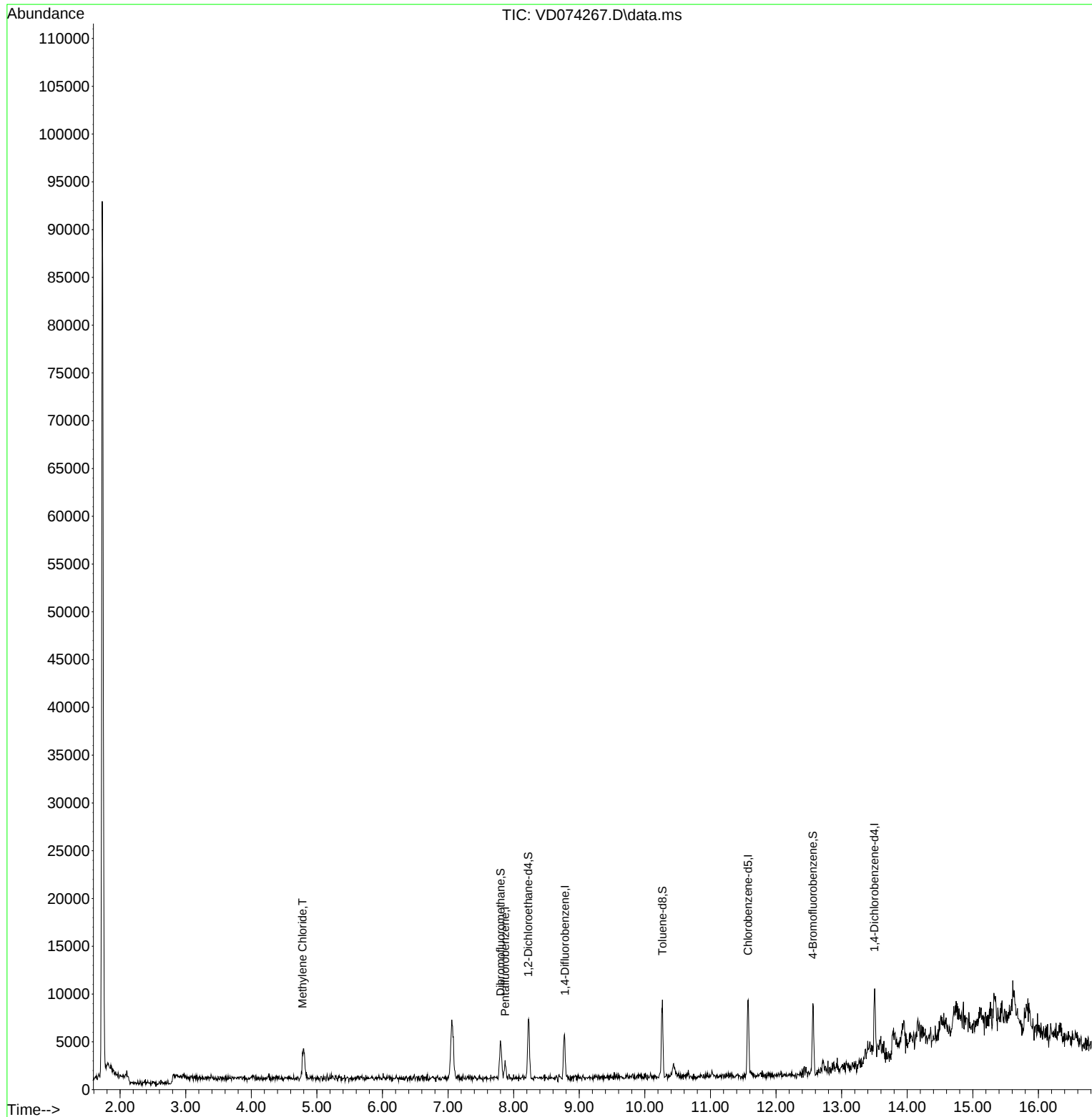
Internal Standards						
1) Pentafluorobenzene	7.869	168	2007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	5488	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.575	117	5353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.498	152	2161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	4862	237.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	475.240%#
35) Dibromofluoromethane	7.799	113	3206	89.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	179.860%#
50) Toluene-d8	10.269	98	6360	47.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.563	95	2875	62.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.980%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.781	84	2407	99.606	ug/l #	86

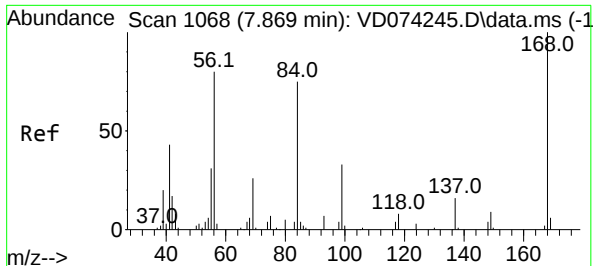
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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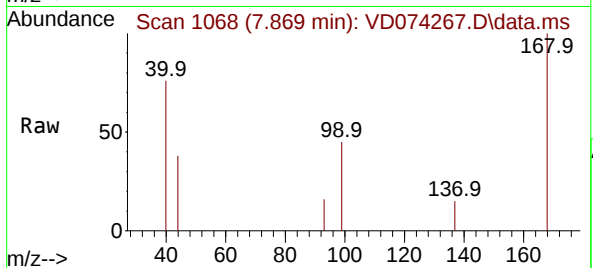
Quant Time: Sep 14 01:55:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
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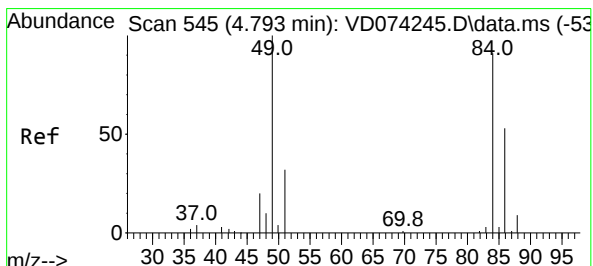
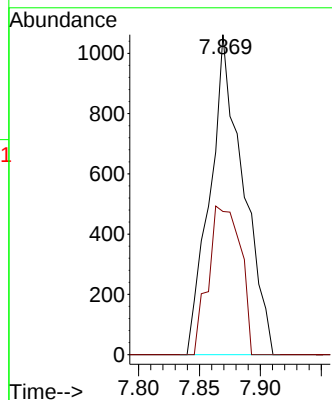
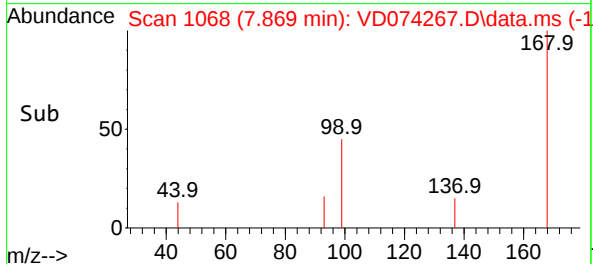


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074267.D
Acq: 13 Sep 2022 15:47

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524

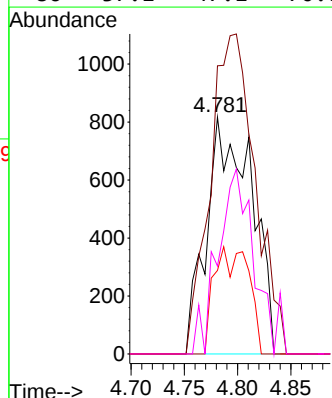
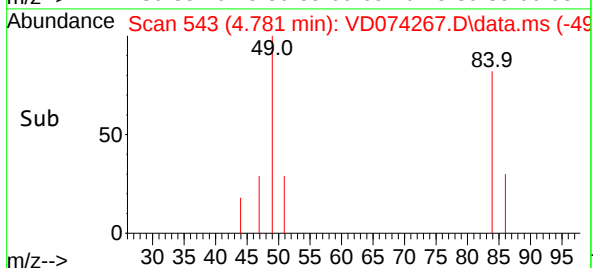
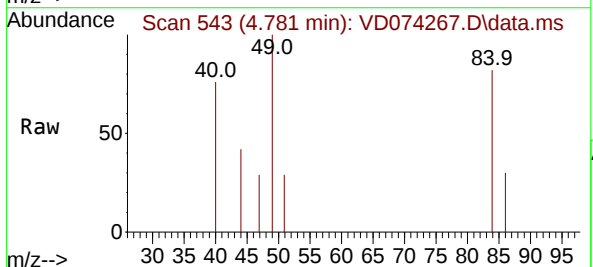


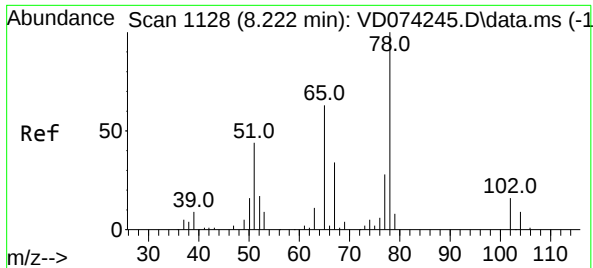
Tgt Ion:168 Resp: 2007
Ion Ratio Lower Upper
168 100
99 44.7 43.0 64.6



#20
Methylene Chloride
Concen: 99.606 ug/l
RT: 4.781 min Scan# 543
Delta R.T. -0.012 min
Lab File: VD074267.D
Acq: 13 Sep 2022 15:47

Tgt Ion: 84 Resp: 2407
Ion Ratio Lower Upper
84 100
49 121.7 88.4 132.6
51 35.3 28.0 42.0
86 37.1 47.1 70.7#





#33

1,2-Dichloroethane-d4

Concen: 237.615 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VD074267.D

Acq: 13 Sep 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

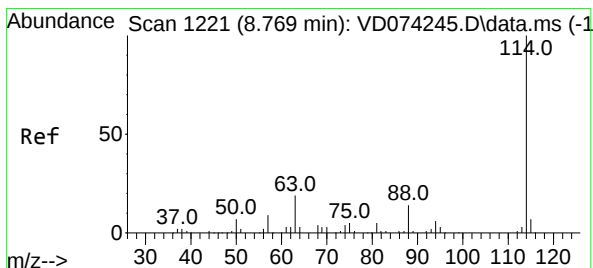
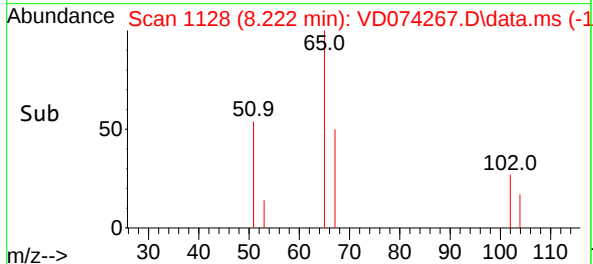
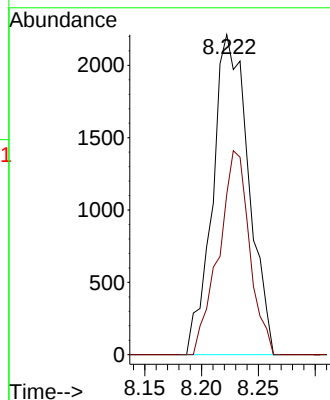
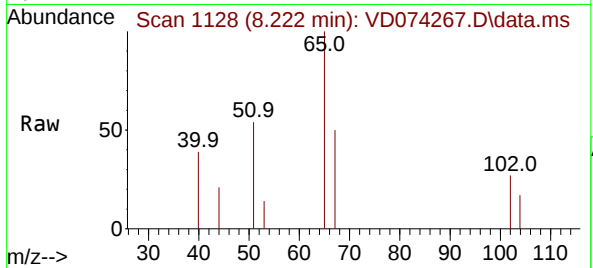
CHRT-26524

Tgt Ion: 65 Resp: 4862

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.012 min

Lab File: VD074267.D

Acq: 13 Sep 2022 15:47

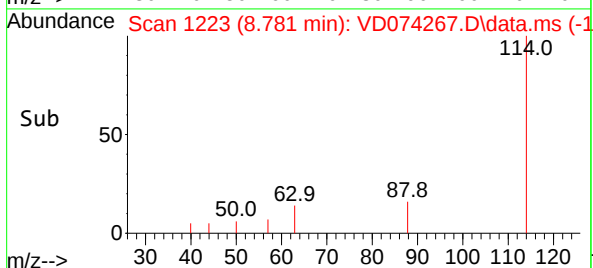
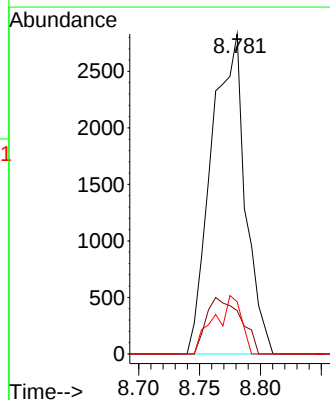
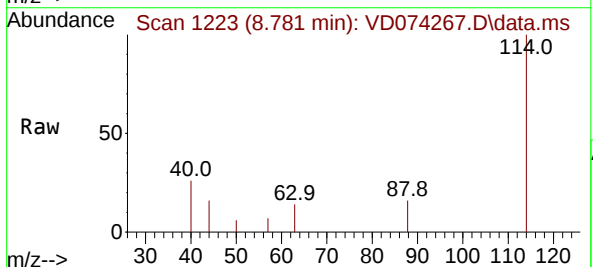
Tgt Ion: 114 Resp: 5488

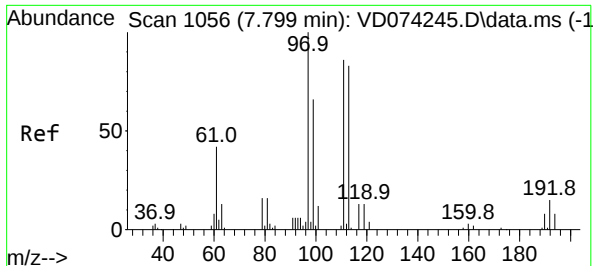
Ion Ratio Lower Upper

114 100

63 13.5 0.0 37.6

88 16.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 89.928 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074267.D

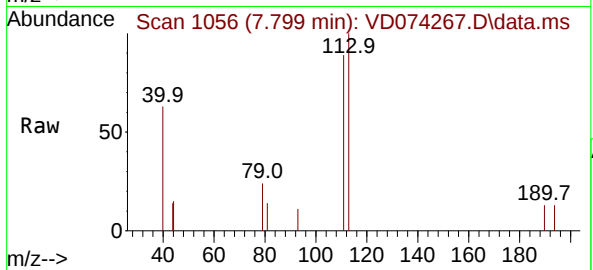
Acq: 13 Sep 2022 15:47

Instrument :

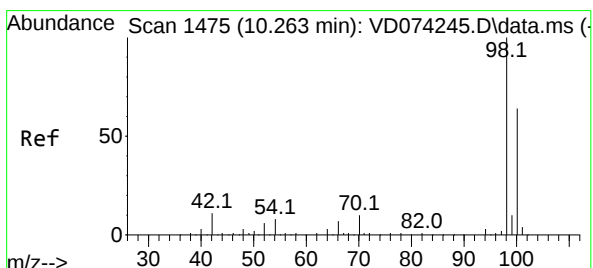
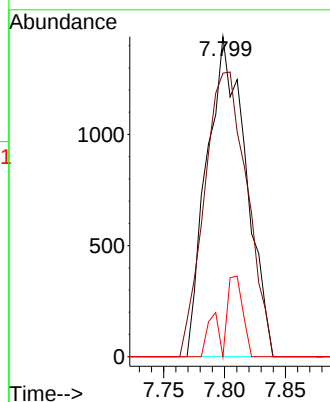
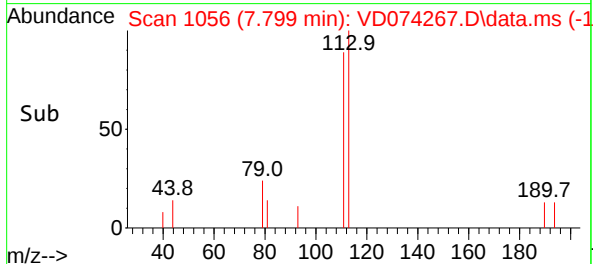
MSVOA_D

ClientSampleId :

CHRT-26524



Tgt Ion:	113	Resp:	3206
Ion	Ratio	Lower	Upper
113	100		
111	97.1	83.0	124.6
192	13.7	16.2	24.2#



#50

Toluene-d8

Concen: 47.277 ug/l

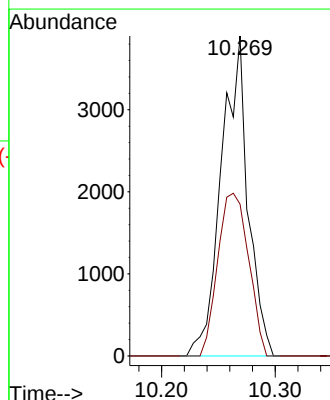
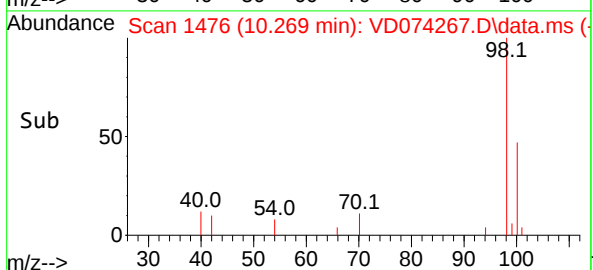
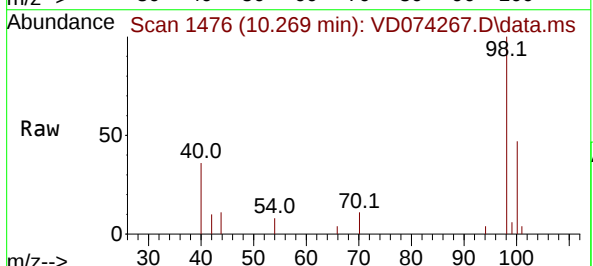
RT: 10.269 min Scan# 1476

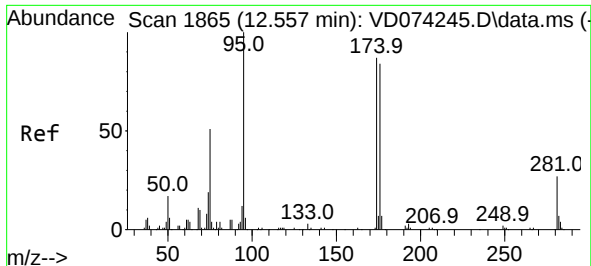
Delta R.T. 0.006 min

Lab File: VD074267.D

Acq: 13 Sep 2022 15:47

Tgt Ion:	98	Resp:	6360
Ion	Ratio	Lower	Upper
98	100		
100	58.7	51.8	77.8

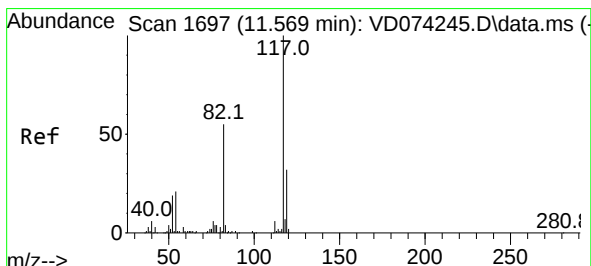
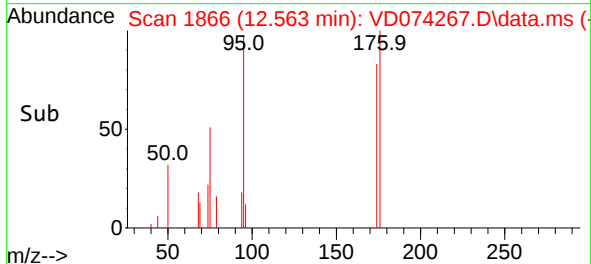
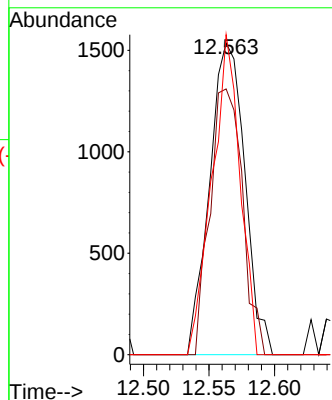
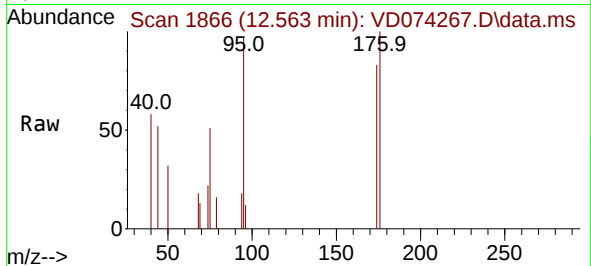




#62
4-Bromofluorobenzene
Concen: 62.990 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074267.D
Acq: 13 Sep 2022 15:47

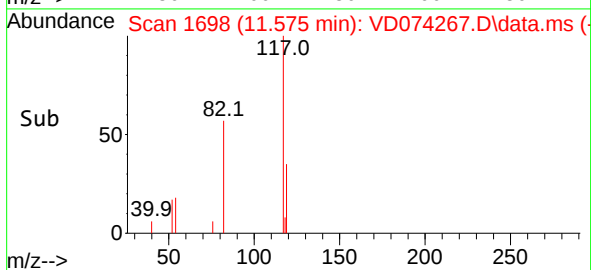
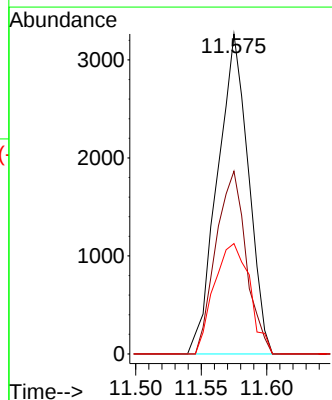
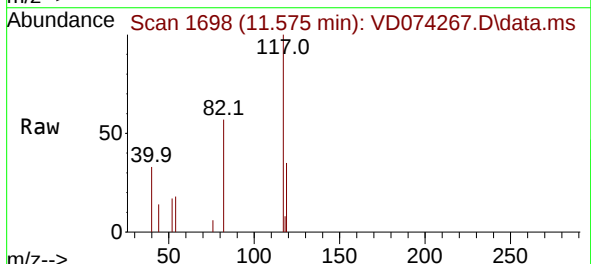
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26524

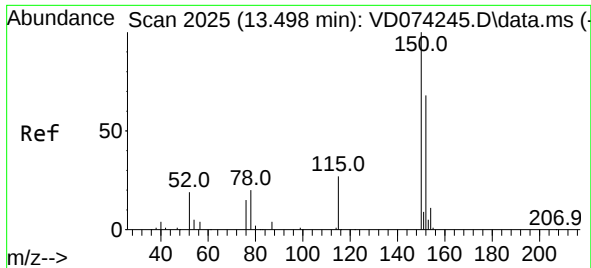
Tgt Ion: 95 Resp: 2875
Ion Ratio Lower Upper
95 100
174 78.6 0.0 179.2
176 81.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074267.D
Acq: 13 Sep 2022 15:47

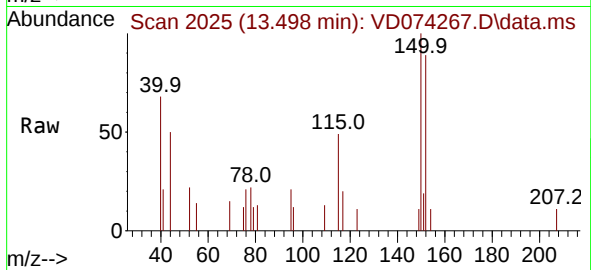
Tgt Ion: 117 Resp: 5353
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 34.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.498 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074267.D
 Acq: 13 Sep 2022 15:47

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26524



Tgt Ion:	152	Resp:	2161
Ion Ratio	Lower	Upper	
152	100		
115	60.0	28.4	85.2
150	141.7	0.0	351.0

