

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076376.D
 Acq On : 08 Jun 2023 16:31
 Operator : KP/SY
 Sample : 03064-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24236

Quant Time: Jun 09 01:24:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

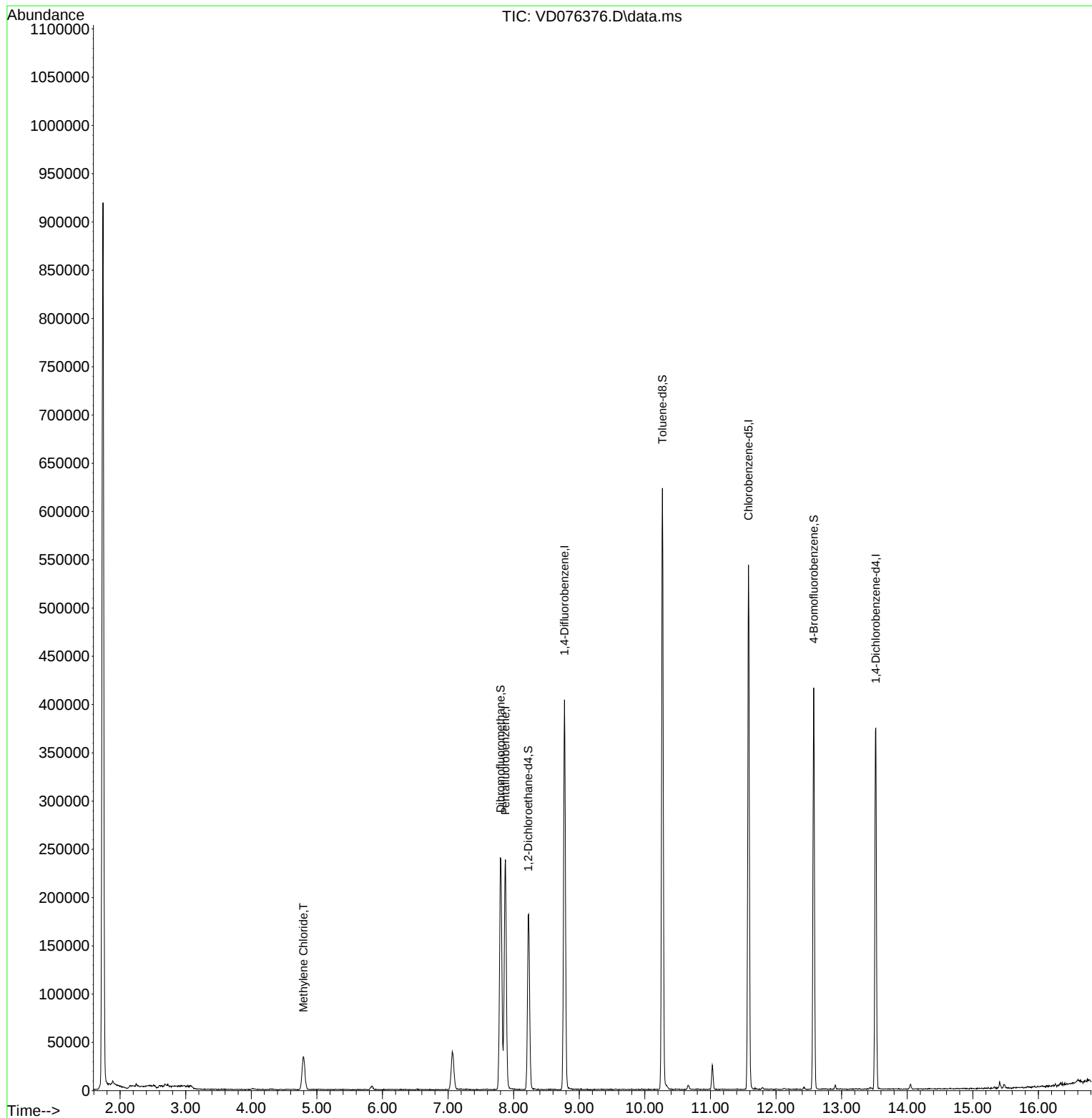
Internal Standards						
1) Pentafluorobenzene	7.875	168	202425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	389276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	343834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	137871	76.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.040%
35) Dibromofluoromethane	7.799	113	181258	73.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.660%
50) Toluene-d8	10.269	98	459794	46.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.440%
62) 4-Bromofluorobenzene	12.575	95	123664	47.485	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.960%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	31130	7.477	ug/l	96

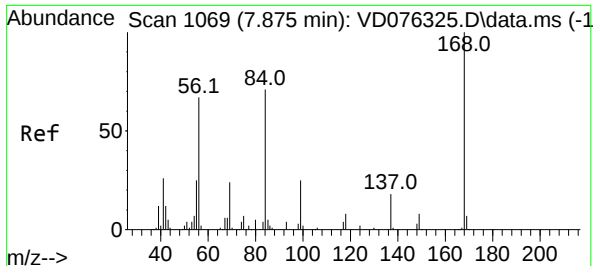
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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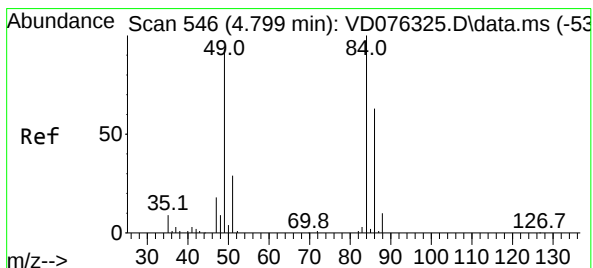
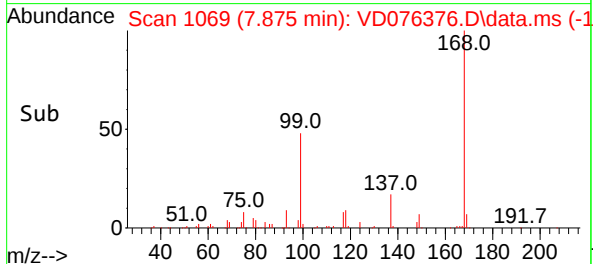
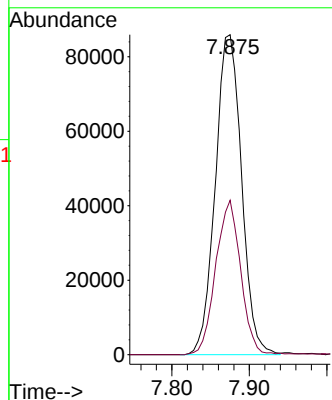
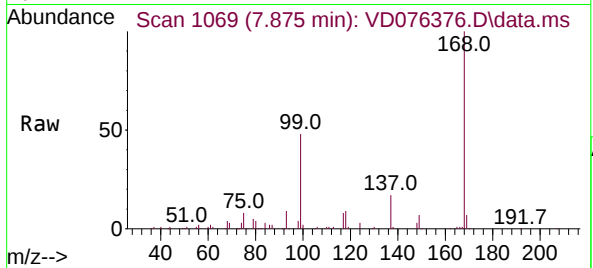




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

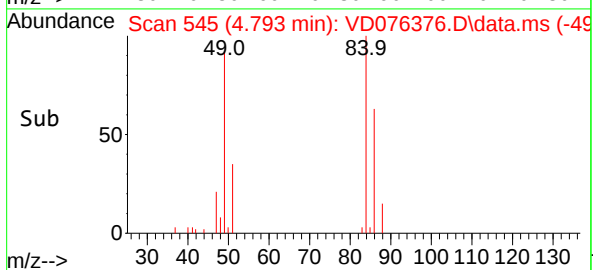
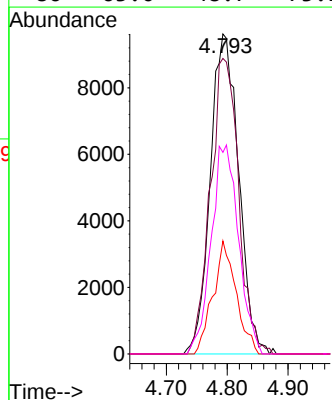
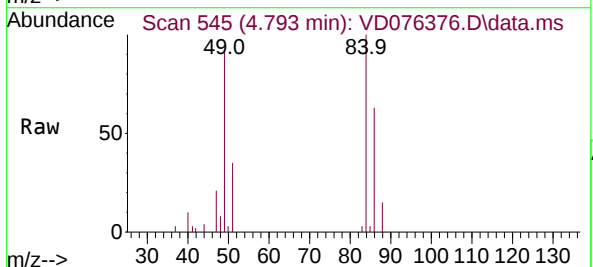
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

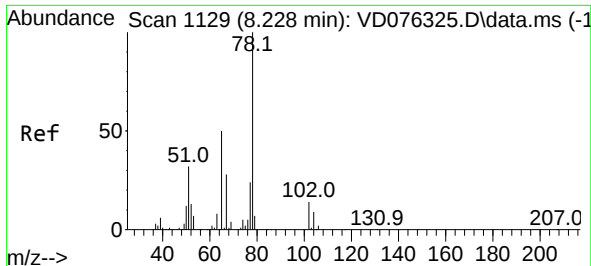
Tgt Ion:168 Resp: 202425
Ion Ratio Lower Upper
168 100
99 48.3 36.7 55.1



#20
Methylene Chloride
Concen: 7.477 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Tgt Ion: 84 Resp: 31130
Ion Ratio Lower Upper
84 100
49 92.3 71.4 107.2
51 35.3 24.5 36.7
86 63.0 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 76.016 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076376.D

Acq: 08 Jun 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

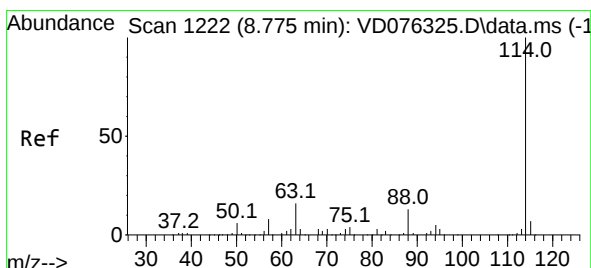
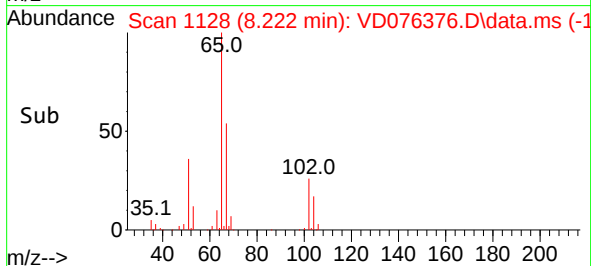
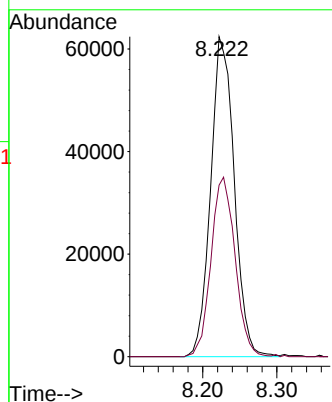
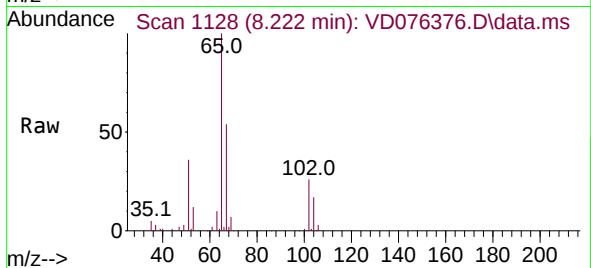
CHRT-24236

Tgt Ion: 65 Resp: 137871

Ion Ratio Lower Upper

65 100

67 57.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076376.D

Acq: 08 Jun 2023 16:31

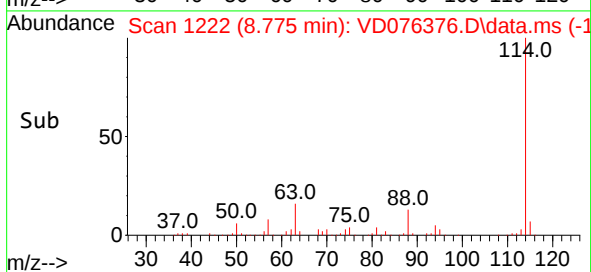
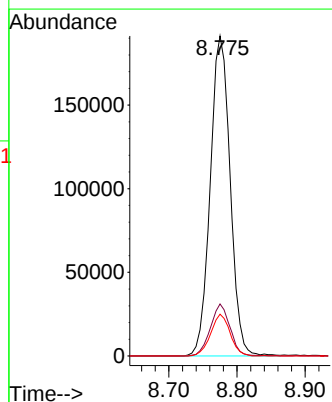
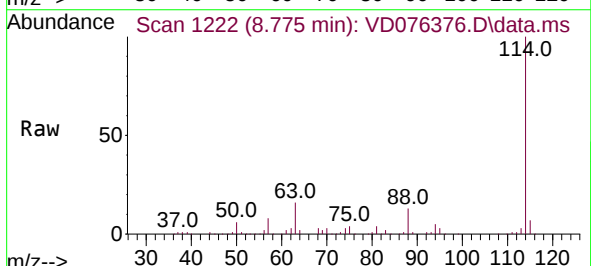
Tgt Ion: 114 Resp: 389276

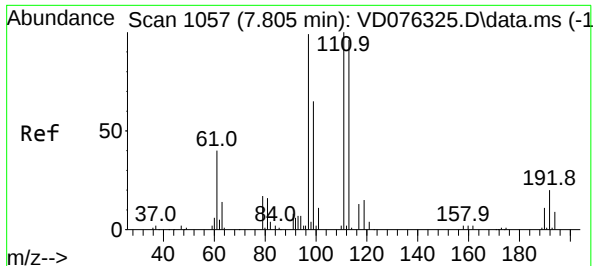
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

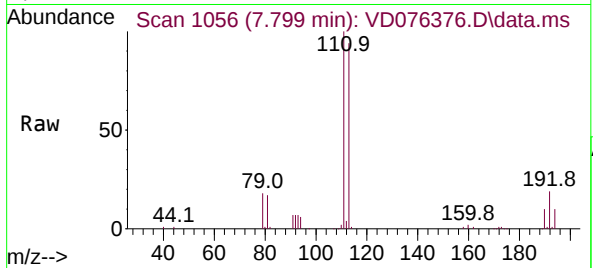
88 13.0 0.0 26.2





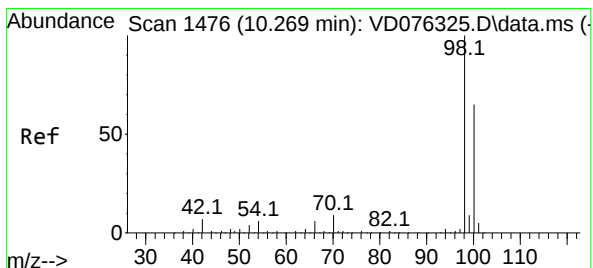
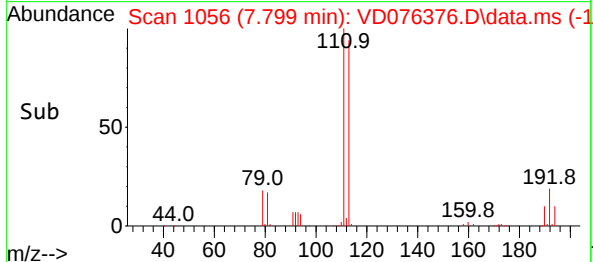
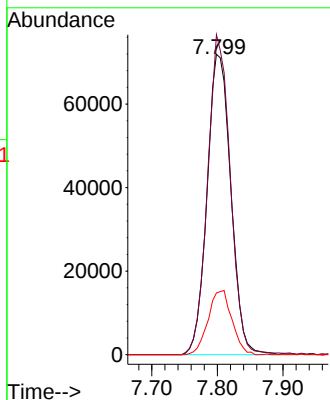
#35
 Dibromofluoromethane
 Concen: 73.335 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076376.D
 Acq: 08 Jun 2023 16:31

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24236



Tgt Ion:113 Resp: 181258

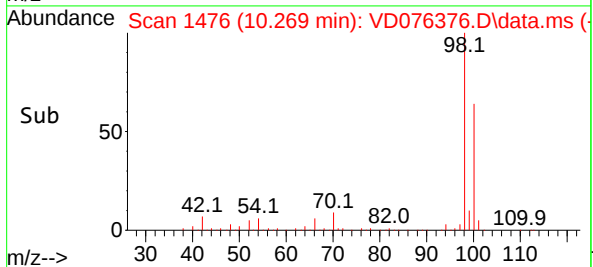
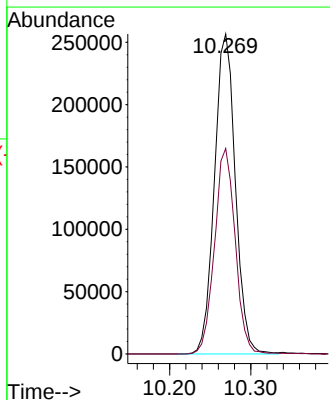
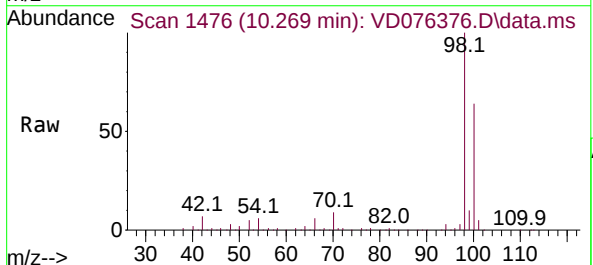
Ion	Ratio	Lower	Upper
113	100		
111	102.1	84.7	127.1
192	21.4	16.8	25.2

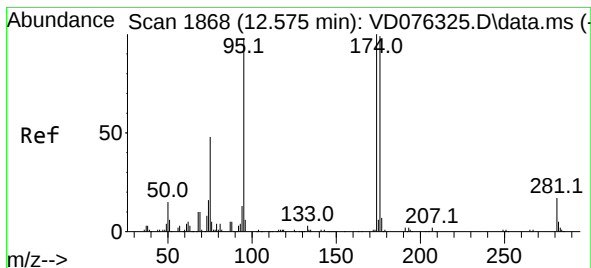


#50
 Toluene-d8
 Concen: 46.723 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD076376.D
 Acq: 08 Jun 2023 16:31

Tgt Ion: 98 Resp: 459794

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.3	75.5

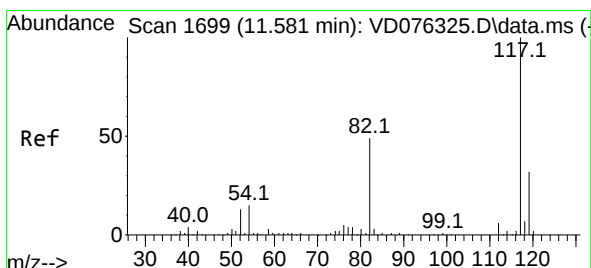
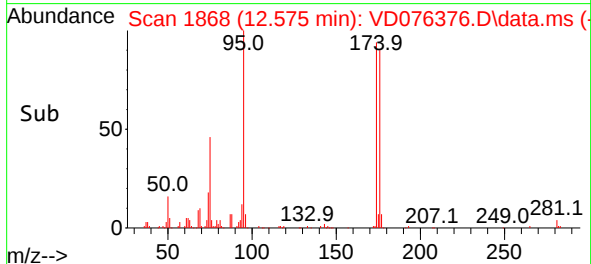
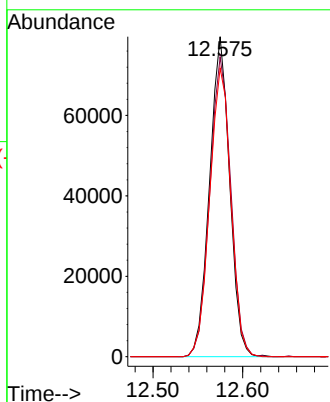
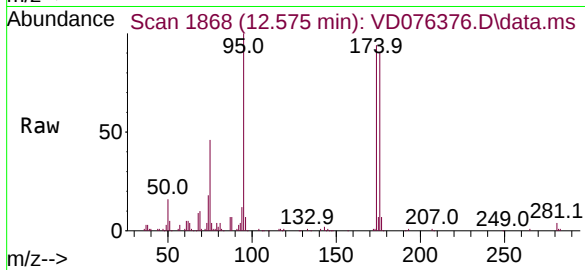




#62
4-Bromofluorobenzene
Concen: 47.485 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

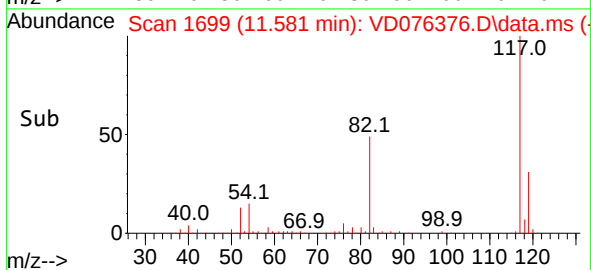
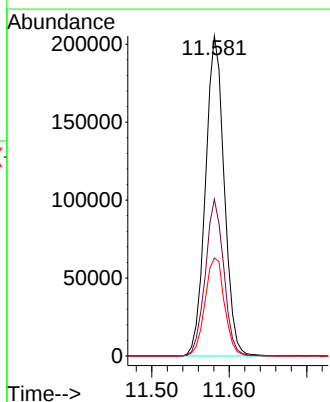
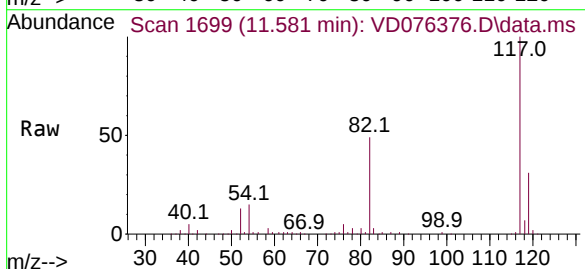
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236

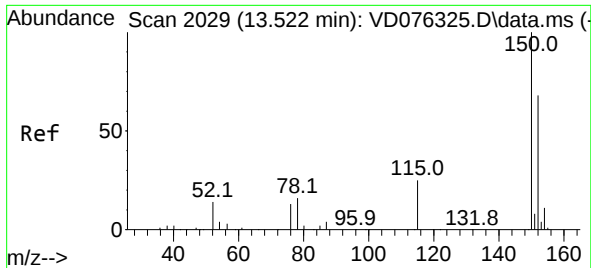
Tgt Ion: 95 Resp: 123664
Ion Ratio Lower Upper
95 100
174 98.0 0.0 201.8
176 95.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

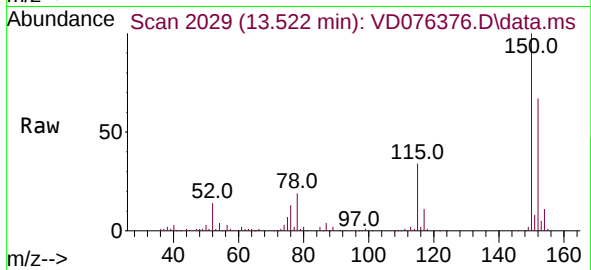
Tgt Ion: 117 Resp: 343834
Ion Ratio Lower Upper
117 100
82 49.0 38.3 57.5
119 30.6 25.0 37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076376.D
Acq: 08 Jun 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24236



Tgt Ion:152 Resp: 116237
Ion Ratio Lower Upper
152 100
115 52.4 27.1 81.3
150 156.9 0.0 353.6

