

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076442.D
 Acq On : 27 Jan 2023 16:22
 Operator : JC\MD
 Sample : 01329-15
 Misc : 12.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTAL-VOC-8-BORING-2-21-28-GRAB-4

Quant Time: Jan 27 22:41:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	391339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	631851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	537867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	224486	51.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.460%
35) Dibromofluoromethane	8.171	113	190929	48.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	10.565	98	722546	49.500	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.853	95	214586	45.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%

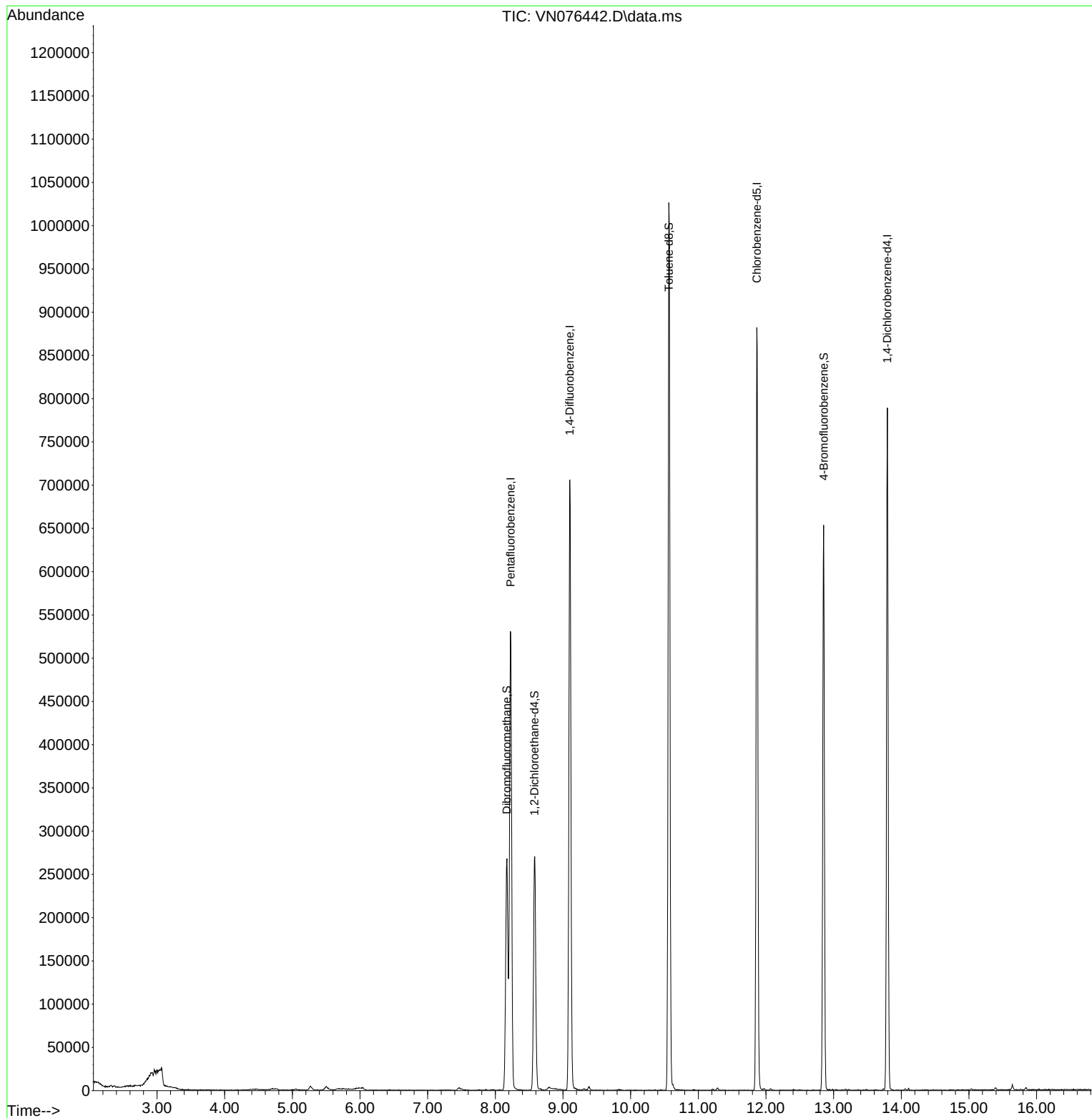
Target Compounds	Qvalue

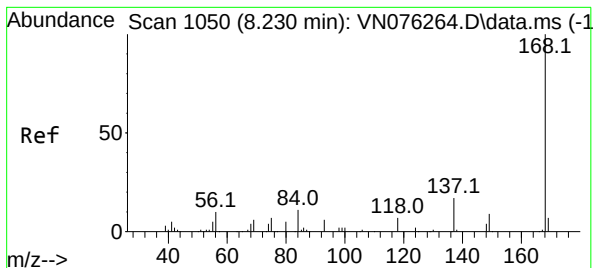
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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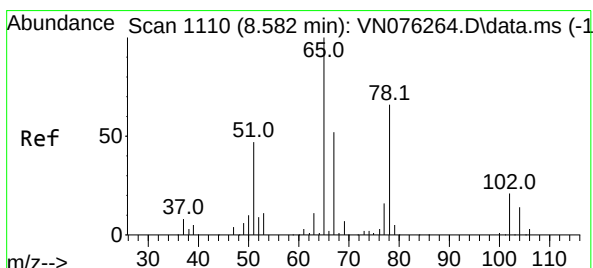
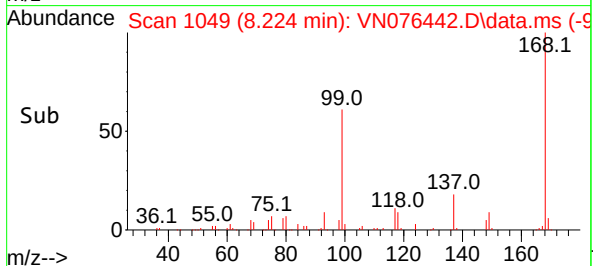
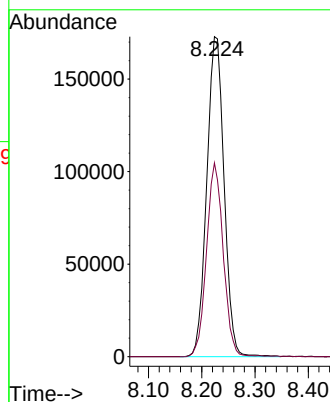
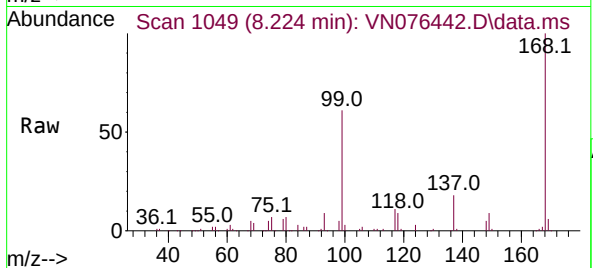




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076442.D
Acq: 27 Jan 2023 16:22

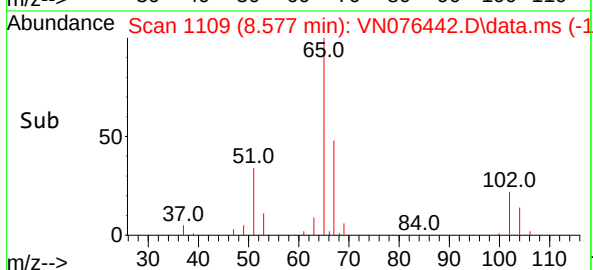
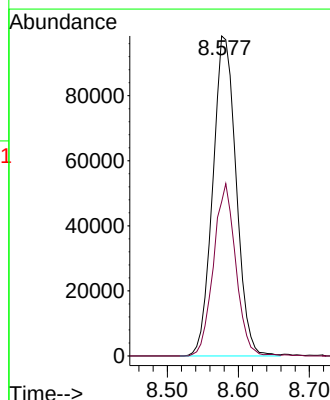
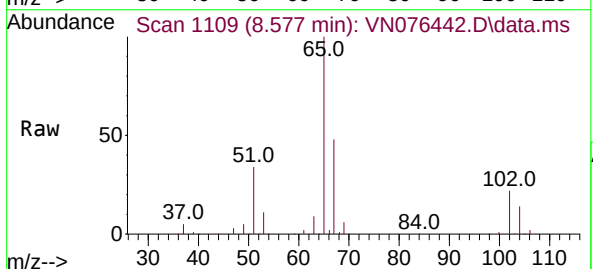
Instrument :
MSVOA_N
ClientSampleId :
TOTAL-VOC-8-BORING-2-21-28-GRAB-4

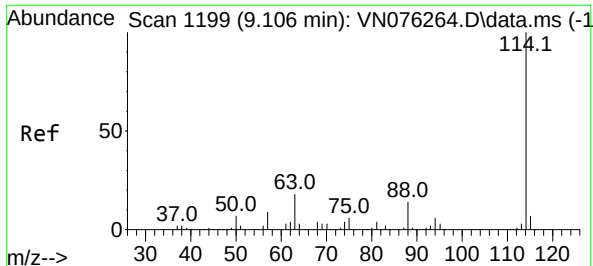
Tgt Ion:168 Resp: 391339
Ion Ratio Lower Upper
168 100
99 60.6 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.232 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VN076442.D
Acq: 27 Jan 2023 16:22

Tgt Ion: 65 Resp: 224486
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076442.D

Acq: 27 Jan 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

TOTAL-VOC-8-BORING-2-21-28-GRAB-4

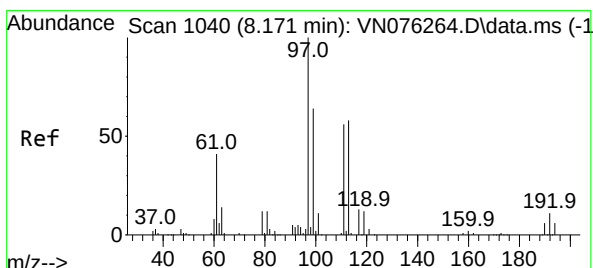
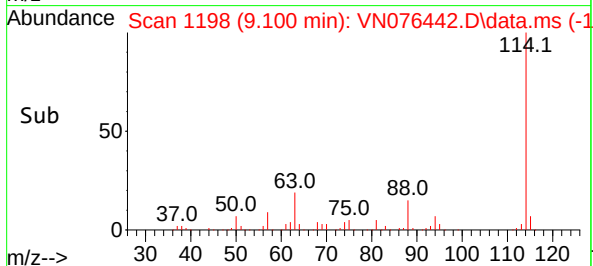
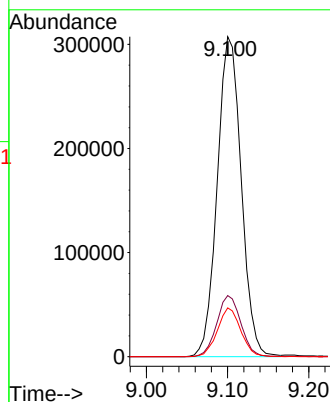
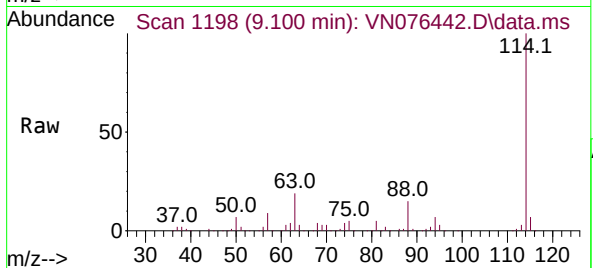
Tgt Ion:114 Resp: 631851

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

88 15.2 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.306 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076442.D

Acq: 27 Jan 2023 16:22

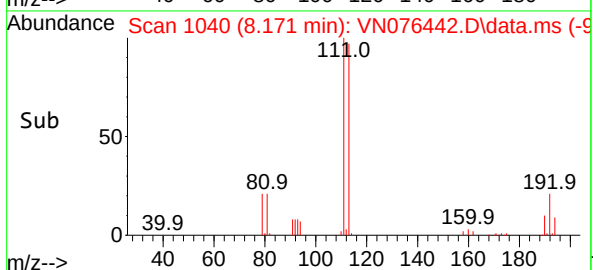
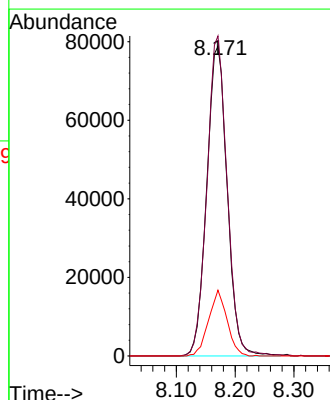
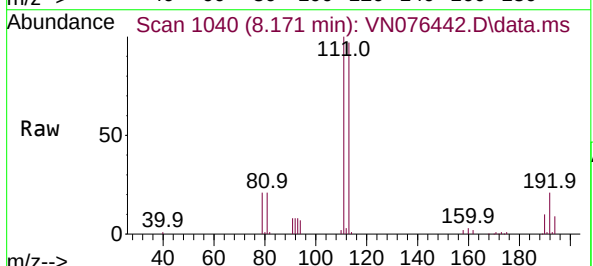
Tgt Ion:113 Resp: 190929

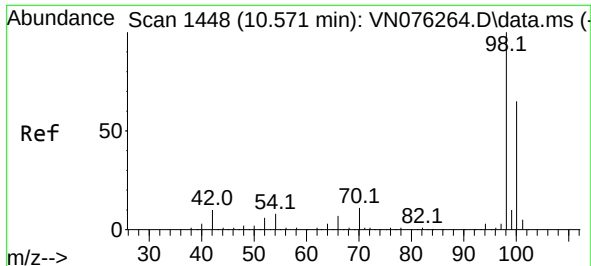
Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

192 19.1 15.6 23.4

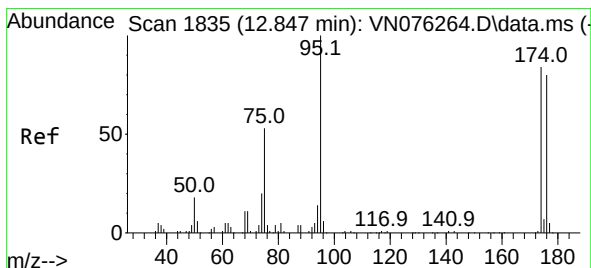
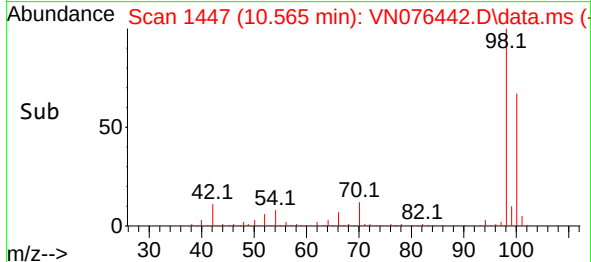
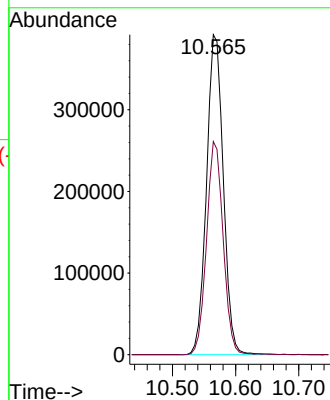
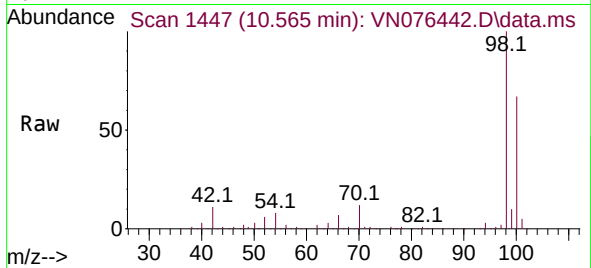




#50
Toluene-d8
Concen: 49.500 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076442.D
Acq: 27 Jan 2023 16:22

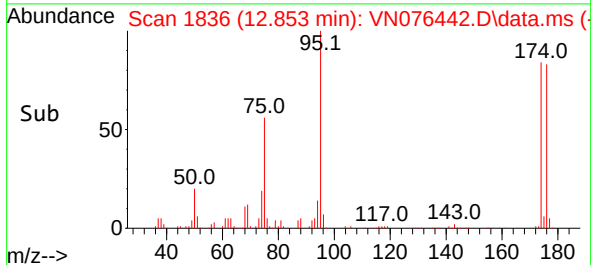
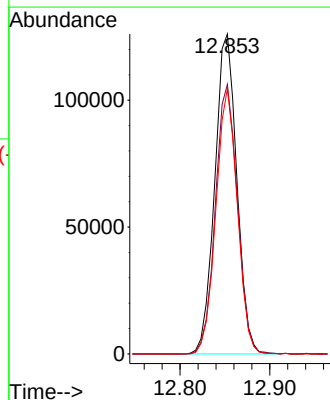
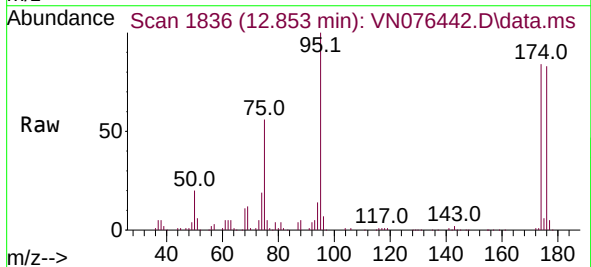
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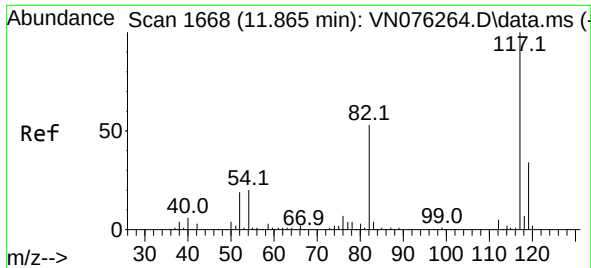
Tgt Ion: 98 Resp: 722546
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.031 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076442.D
Acq: 27 Jan 2023 16:22

Tgt Ion: 95 Resp: 214586
Ion Ratio Lower Upper
95 100
174 84.7 0.0 174.6
176 80.6 0.0 167.8

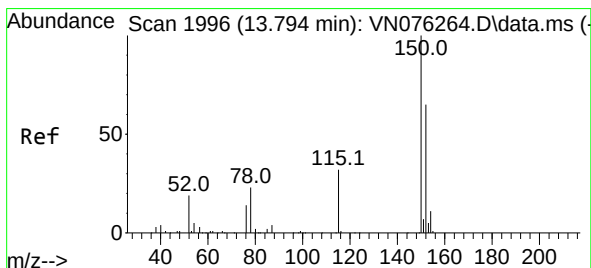
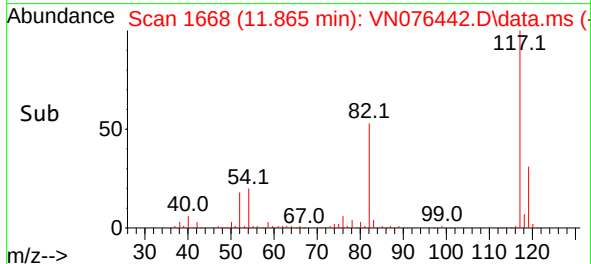
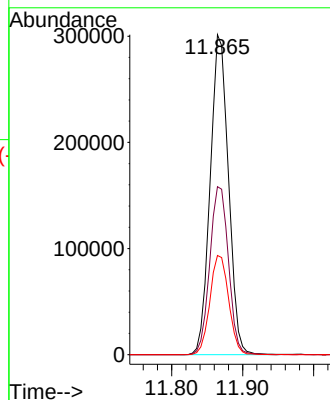
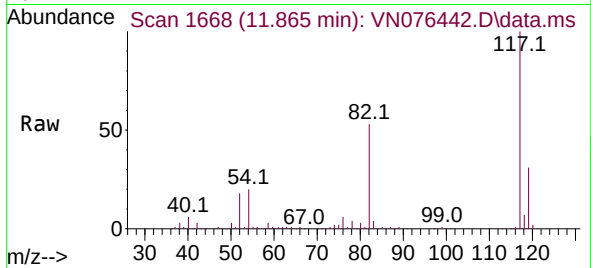




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076442.D
Acq: 27 Jan 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 537867
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 31.0 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076442.D
Acq: 27 Jan 2023 16:22

Tgt Ion:152 Resp: 215390
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.9
150 157.5 0.0 351.4

