

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076443.D
 Acq On : 27 Jan 2023 16:46
 Operator : JC\MD
 Sample : 01329-20
 Misc : 16.75g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTAL-VOC-BORING-2-25-35-GRAB-7

Quant Time: Jan 27 22:41:45 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)

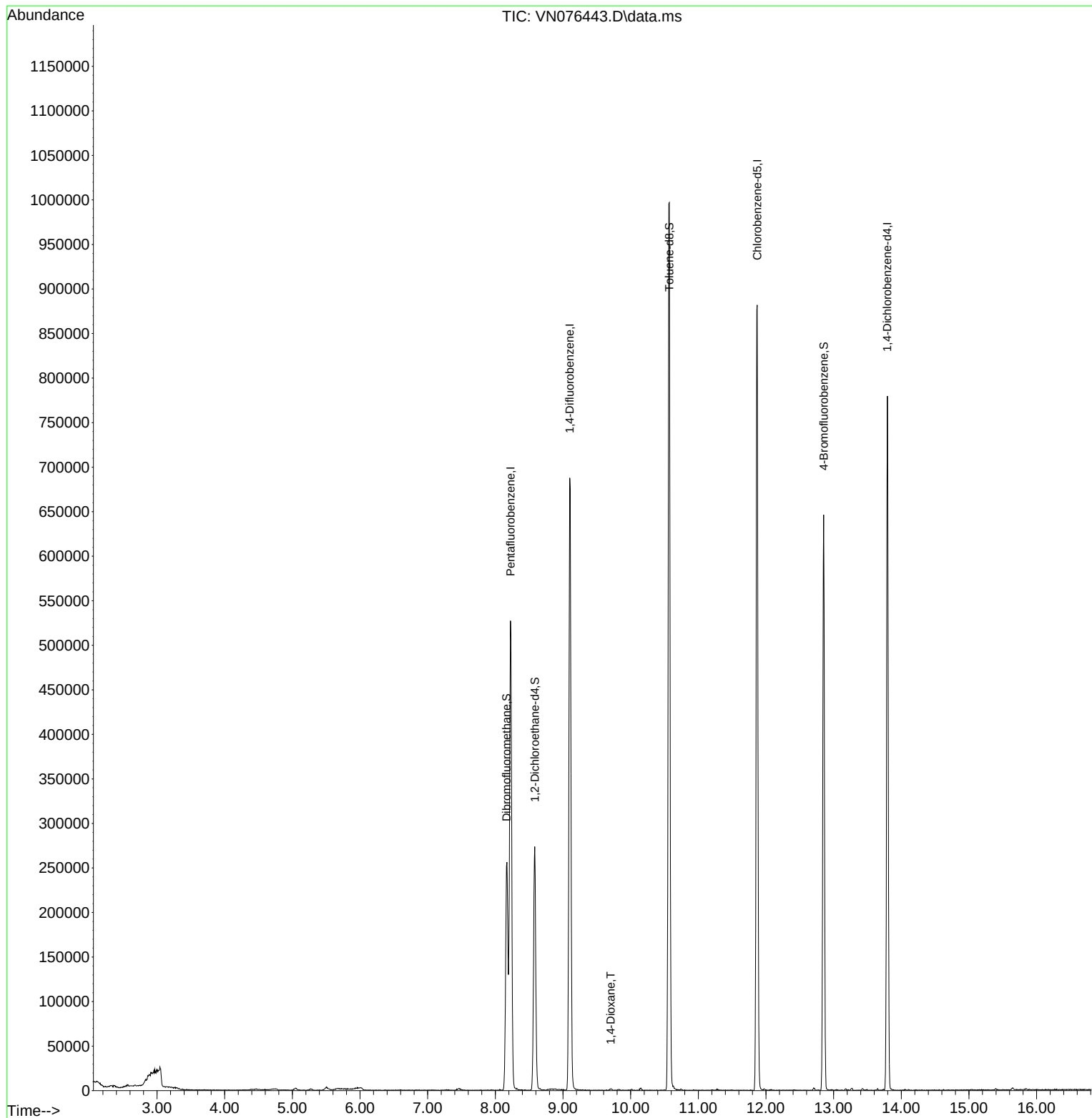
Internal Standards						
1) Pentafluorobenzene	8.224	168	391049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	632542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	525870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	225254	51.445	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.900%
35) Dibromofluoromethane	8.165	113	186168	47.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	10.570	98	716598	49.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.853	95	214670	45.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%
Target Compounds						
						Qvalue
49) 1,4-Dioxane	9.706	88	1571	21.436	ug/l #	96

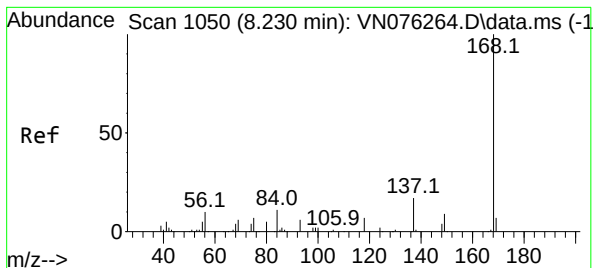
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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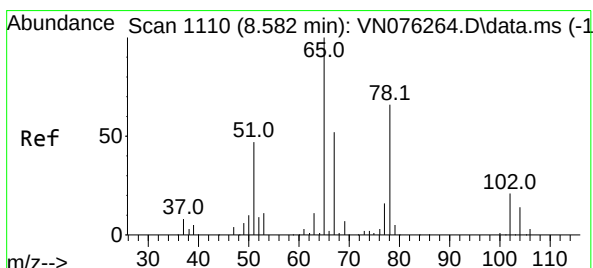
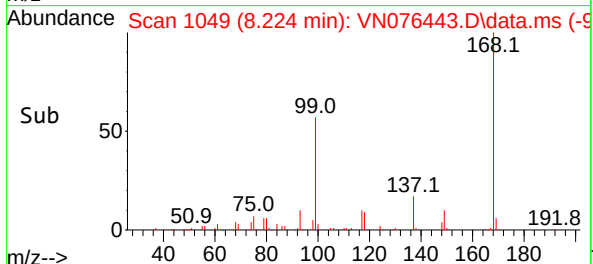
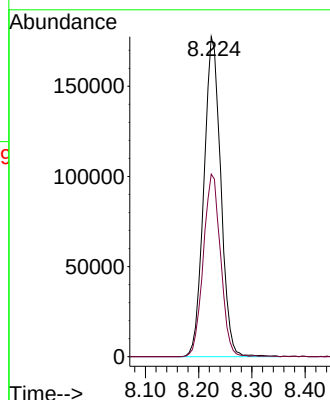
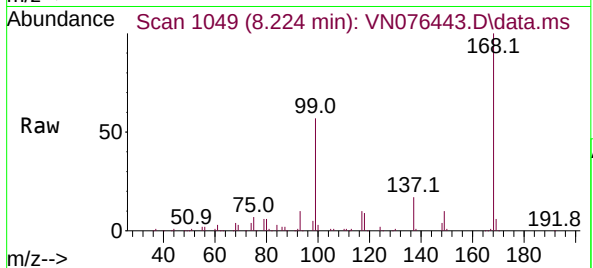




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076443.D
Acq: 27 Jan 2023 16:46

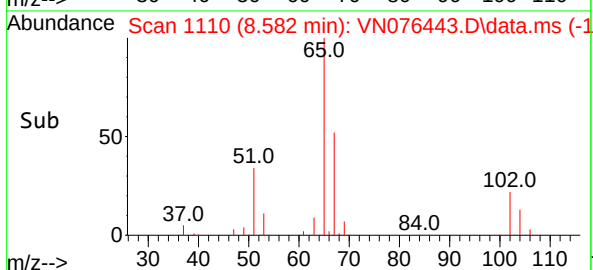
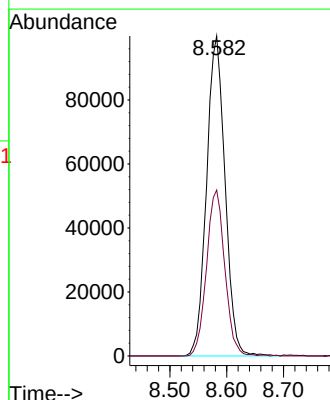
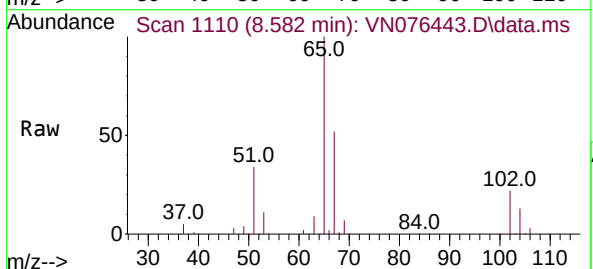
Instrument :
MSVOA_N
ClientSampleId :
TOTAL-VOC-BORING-2-25-35-GRAB-7

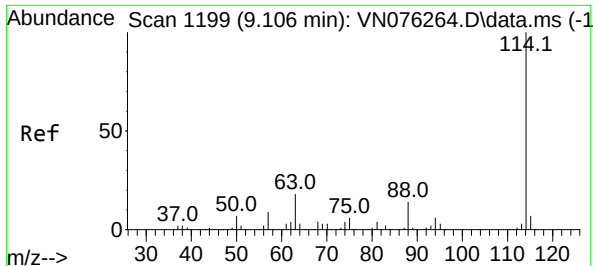
Tgt Ion:168 Resp: 391049
Ion Ratio Lower Upper
168 100
99 57.0 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.445 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076443.D
Acq: 27 Jan 2023 16:46

Tgt Ion: 65 Resp: 225254
Ion Ratio Lower Upper
65 100
67 51.3 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: VN076443.D

Acq: 27 Jan 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

TOTAL-VOC-BORING-2-25-35-GRAB-7

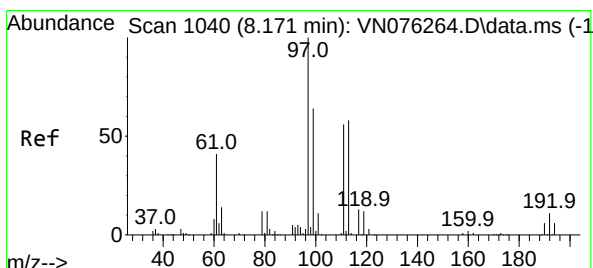
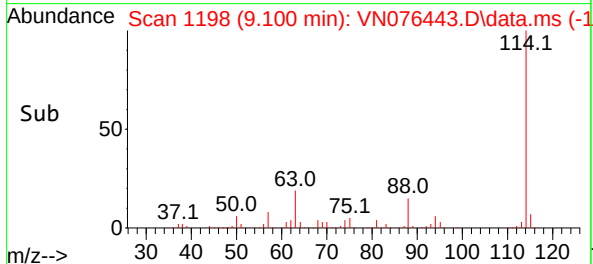
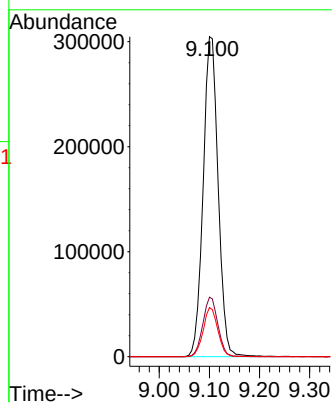
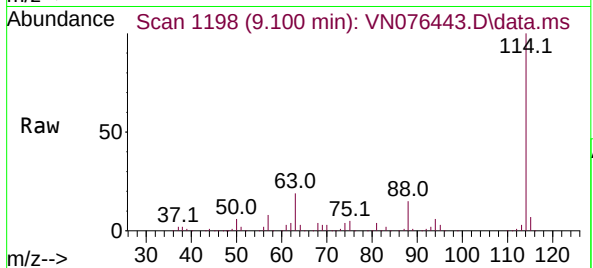
Tgt Ion:114 Resp: 632542

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

88 15.4 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.050 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN076443.D

Acq: 27 Jan 2023 16:46

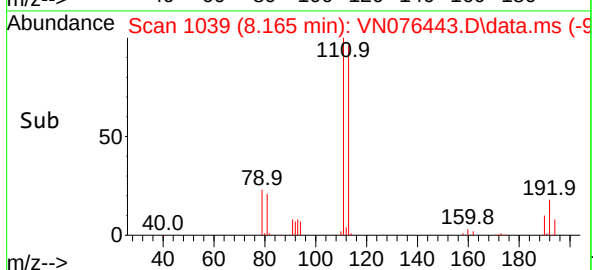
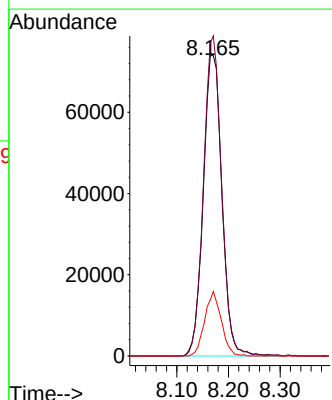
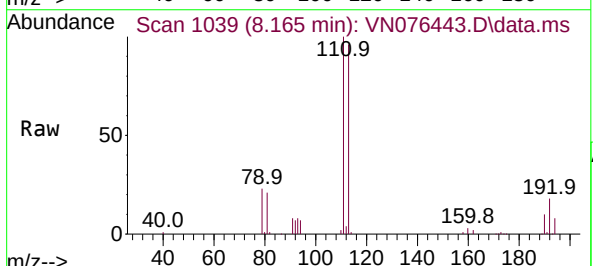
Tgt Ion:113 Resp: 186168

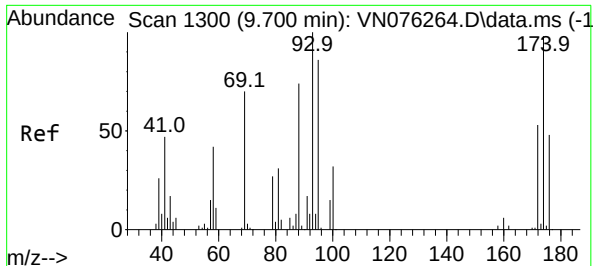
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 19.0 15.6 23.4





#49

1,4-Dioxane

Concen: 21.436 ug/l

RT: 9.706 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN076443.D

Acq: 27 Jan 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

TOTAL-VOC-BORING-2-25-35-GRAB-7

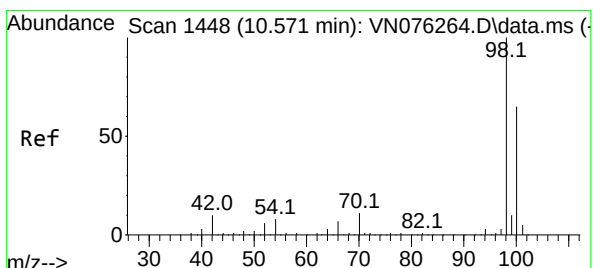
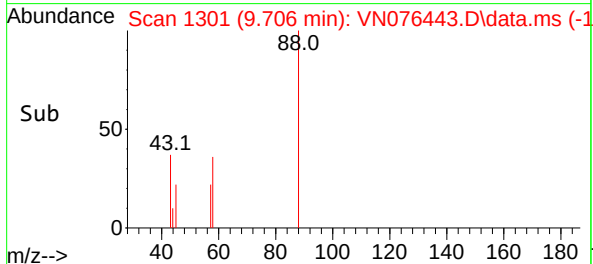
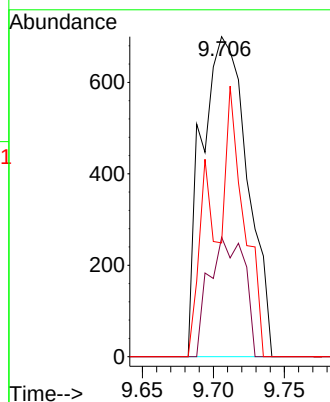
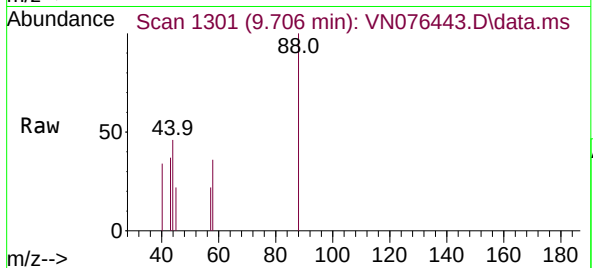
Tgt Ion: 88 Resp: 1571

Ion Ratio Lower Upper

88 100

43 28.6 18.1 27.1#

58 57.4 46.5 69.7



#50

Toluene-d8

Concen: 49.038 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076443.D

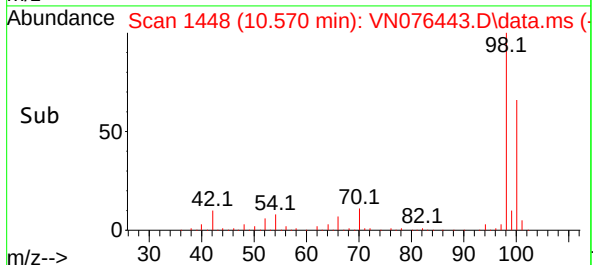
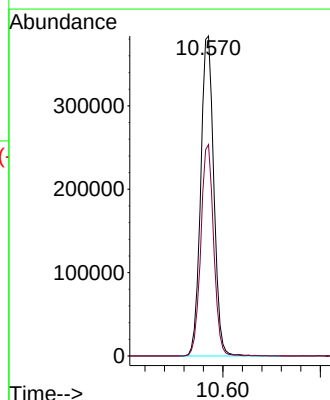
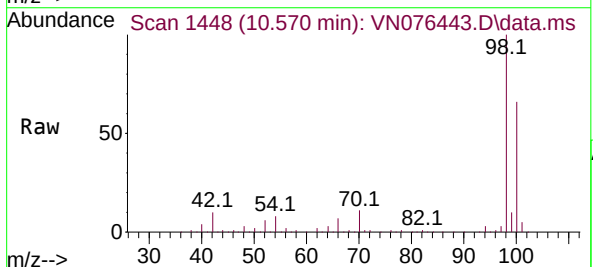
Acq: 27 Jan 2023 16:46

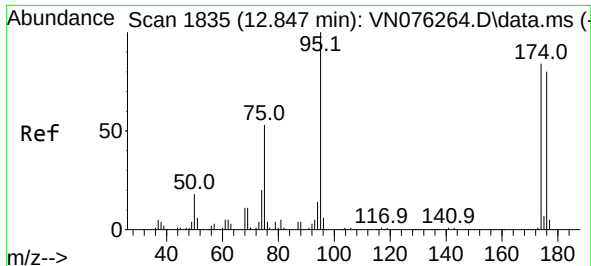
Tgt Ion: 98 Resp: 716598

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4

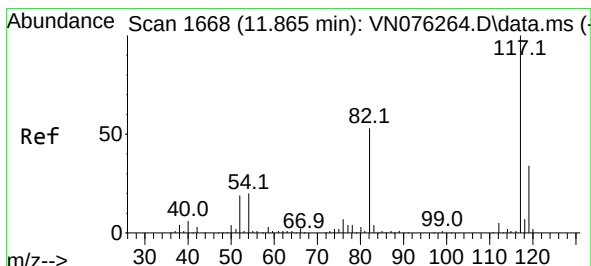
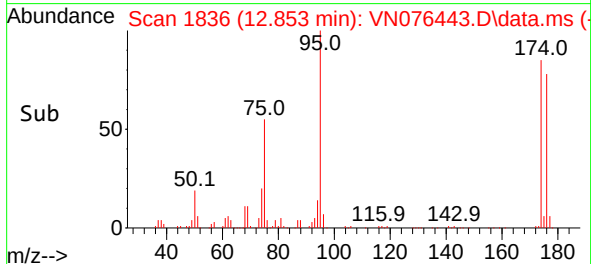
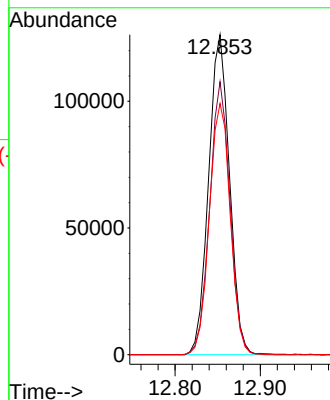
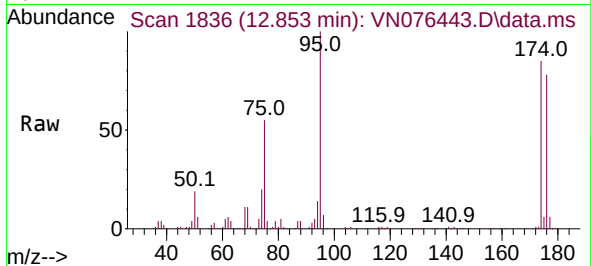




#62
4-Bromofluorobenzene
Concen: 45.000 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076443.D
Acq: 27 Jan 2023 16:46

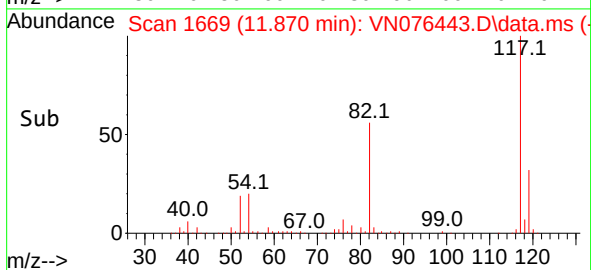
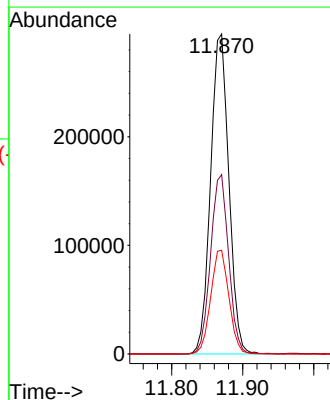
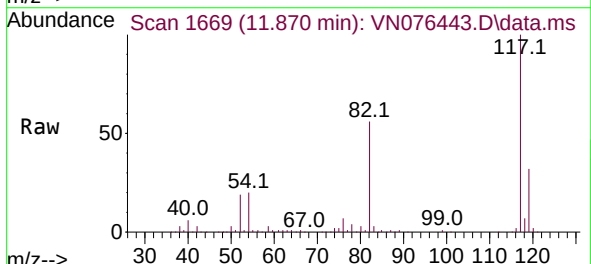
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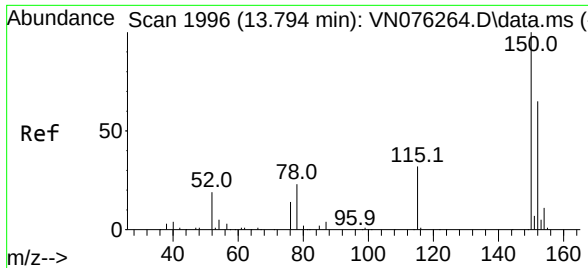
Tgt Ion: 95 Resp: 214670
Ion Ratio Lower Upper
95 100
174 83.1 0.0 174.6
176 78.6 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076443.D
Acq: 27 Jan 2023 16:46

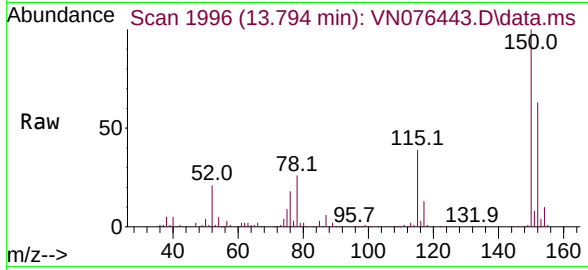
Tgt Ion: 117 Resp: 525870
Ion Ratio Lower Upper
117 100
82 56.1 42.2 63.2
119 32.4 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076443.D
 Acq: 27 Jan 2023 16:46

Instrument : MSVOA_N
 ClientSampleId : TOTAL-VOC-BORING-2-25-35-GRAB-7



Tgt Ion:152 Resp: 209015
 Ion Ratio Lower Upper
 152 100
 115 60.4 29.6 88.9
 150 159.1 0.0 351.4

