

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069914.D
 Acq On : 9 Dec 2021 16:21
 Operator : JC/MD
 Sample : M4940-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Dec 10 06:17:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

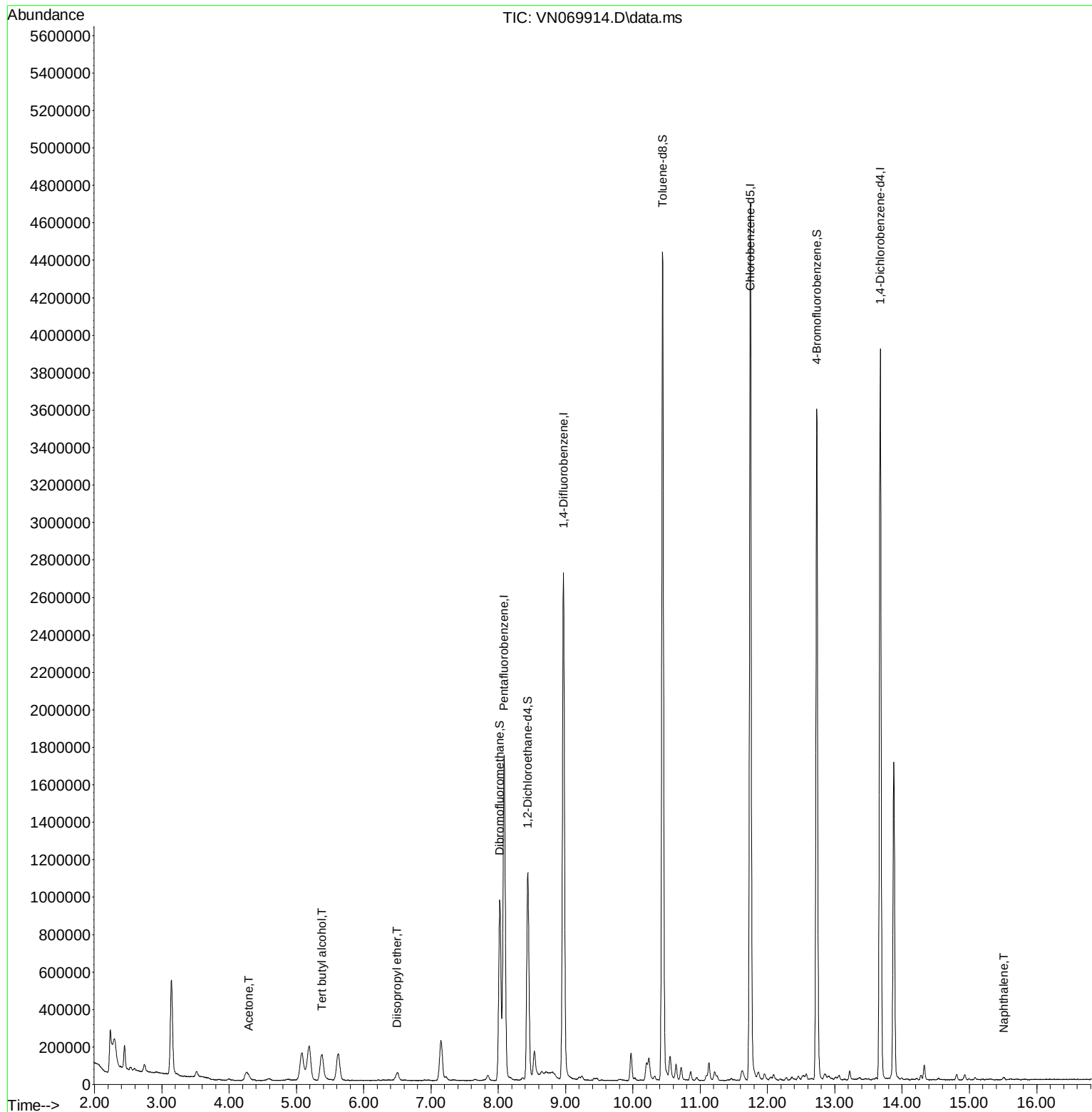
Internal Standards						
1) Pentafluorobenzene	8.086	168	1225781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2264210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2537913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1037491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	967685	51.130	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.260%			
35) Dibromofluoromethane	8.021	113	705232	49.725	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.460%			
50) Toluene-d8	10.441	98	2962709	52.025	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.731	95	1236009	59.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.820%			
Target Compounds						
11) Tert butyl alcohol	5.380	59	253991	70.997	ug/l	100
16) Acetone	4.291	43	59157	5.196	ug/l #	85
22) Diisopropyl ether	6.498	45	52255	1.016	ug/l	91
95) Naphthalene	15.509	128	11491	4.194	ug/l	98

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

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Abundance Scan 2273 (8.086 min): VN069703.D\data.ms (-2249) (-)

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VN069914.D

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Instrument :

MSVOA_N

ClientSampleId :

MW-24

Tgt Ion:168 Resp: 1225781

Ion Ratio Lower Upper

168 100

99 60.3 41.3 61.9

Abundance Scan 2273 (8.086 min): VN069914.D\data.ms

Raw

m/z-->

Abundance Scan 2273 (8.086 min): VN069914.D\data.ms (-2161) (-)

Sub

m/z-->

Abundance

500000

400000

300000

200000

100000

0

Time-->

Abundance Scan 1268 (5.390 min): VN069703.D\data.ms (-1219) (-)

Tert butyl alcohol

Concen: 70.997 ug/l

RT: 5.380 min Scan# 1264

Delta R.T. -0.010 min

Lab File: VN069914.D

Acq: 9 Dec 2021 16:21

Tgt Ion: 59 Resp: 253991

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1

Abundance Scan 1264 (5.380 min): VN069914.D\data.ms

Raw

m/z-->

Abundance Scan 1264 (5.380 min): VN069914.D\data.ms (-1156) (-)

Sub

m/z-->

Abundance

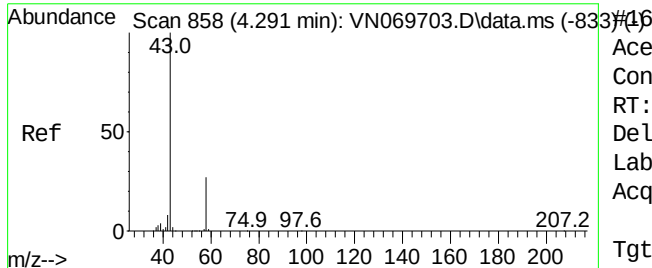
60000

40000

20000

0

Time-->



Acetone

Concen: 5.196 ug/l

RT: 4.291 min Scan# 858

Delta R.T. 0.000 min

Lab File: VN069914.D

Acq: 9 Dec 2021 16:21

Instrument :

MSVOA_N

ClientSampleId :

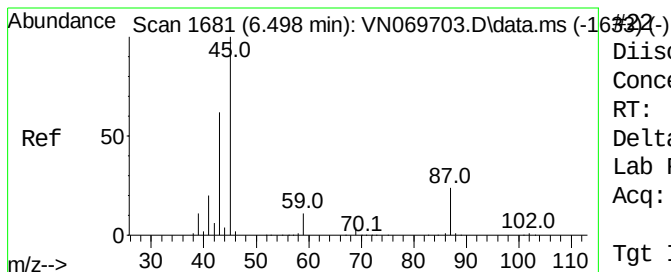
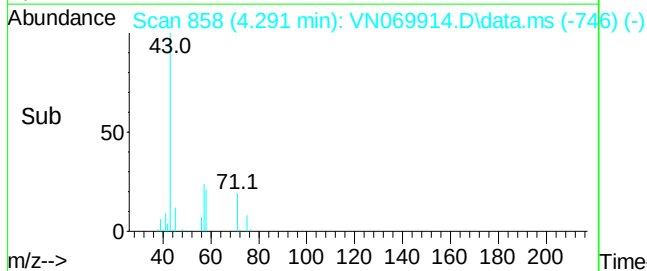
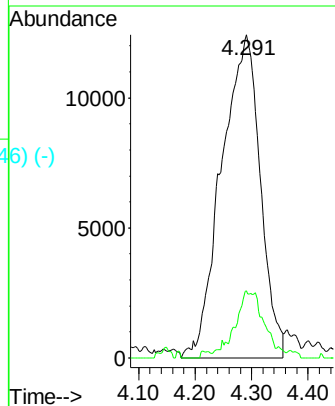
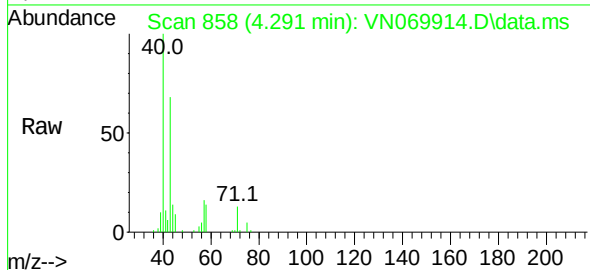
MW-24

Tgt Ion: 43 Resp: 59157

Ion Ratio Lower Upper

43 100

58 20.7 23.1 34.7#



Diisopropyl ether

Concen: 1.016 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN069914.D

Acq: 9 Dec 2021 16:21

Tgt Ion: 45 Resp: 52255

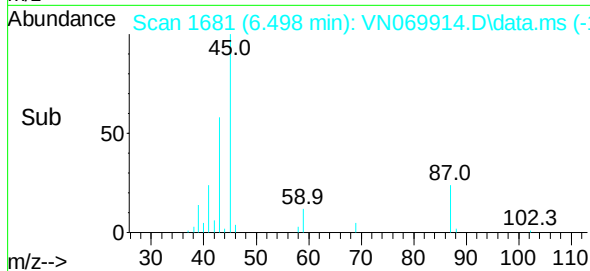
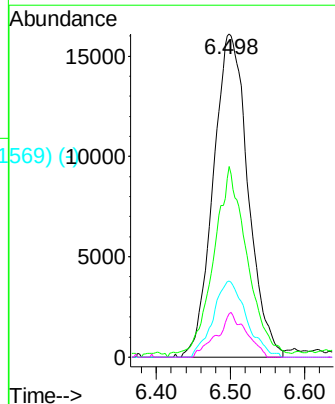
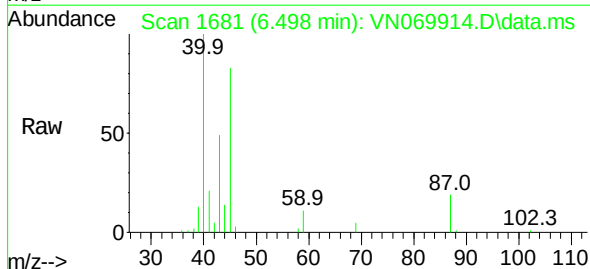
Ion Ratio Lower Upper

45 100

43 57.2 51.7 77.5

87 23.5 23.2 34.8

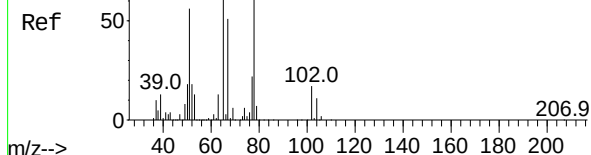
59 13.5 9.4 14.0



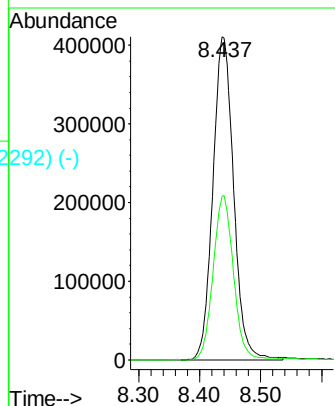
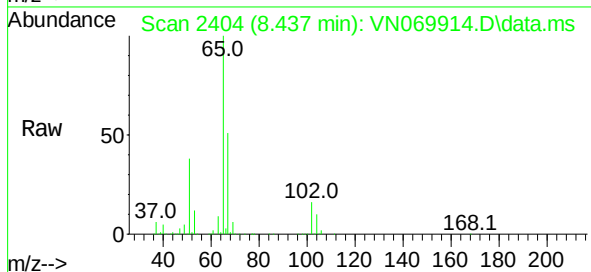
Abundance Scan 2404 (8.437 min): VN069703.D\data.ms (-23693-)

1,2-Dichloroethane-d4
Concen: 51.130 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069914.D
Acq: 9 Dec 2021 16:21

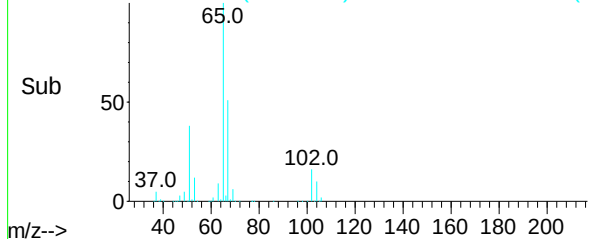
Instrument :
MSVOA_N
ClientSampleId :
MW-24



Tgt Ion: 65 Resp: 967685
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.0



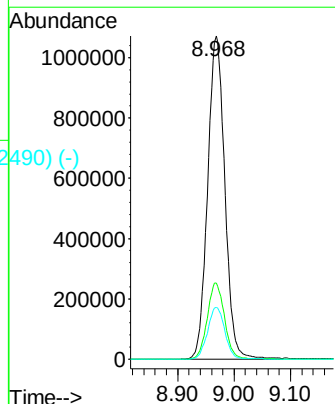
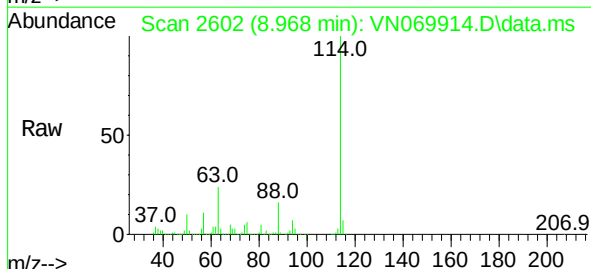
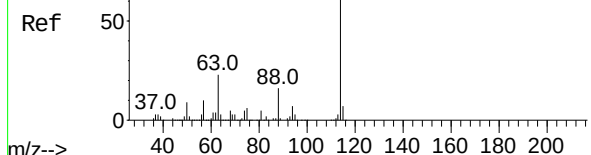
Abundance Scan 2404 (8.437 min): VN069914.D\data.ms (-2292-)



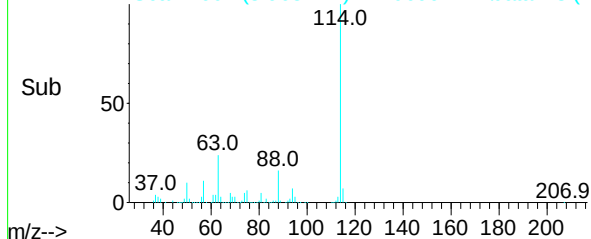
Abundance Scan 2602 (8.968 min): VN069703.D\data.ms (-25604-)

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069914.D
Acq: 9 Dec 2021 16:21

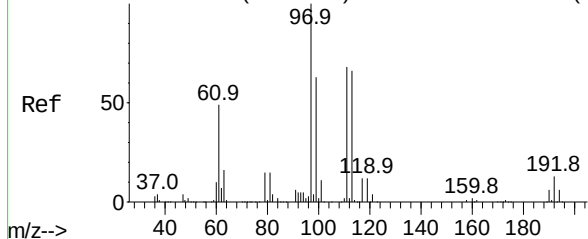
Tgt Ion:114 Resp: 2264210
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.1 0.0 27.4



Abundance Scan 2602 (8.968 min): VN069914.D\data.ms (-2490-)



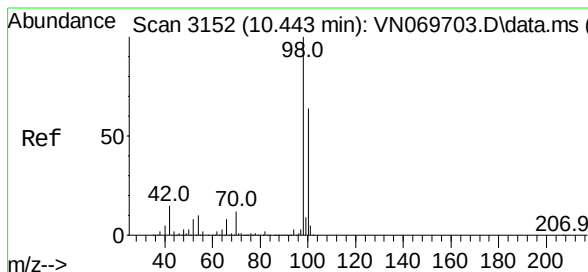
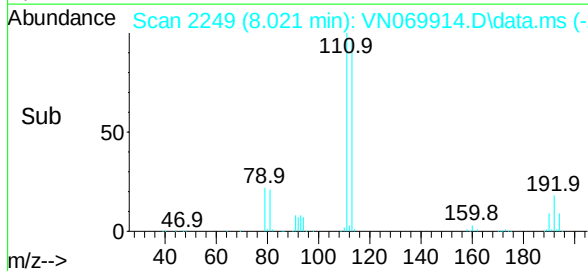
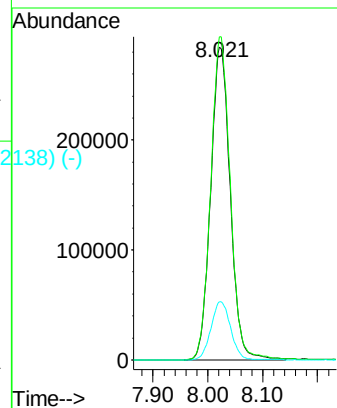
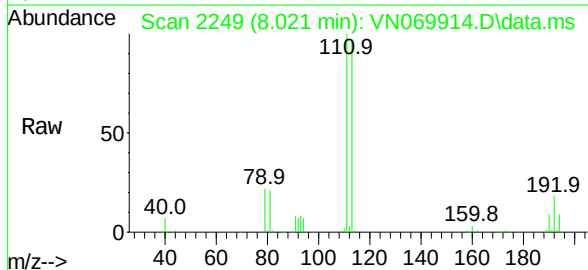
Abundance Scan 2250 (8.024 min): VN069703.D\data.ms (-2250) (-)



Dibromofluoromethane
Concen: 49.725 ug/l
RT: 8.021 min Scan# 2250
Delta R.T. -0.002 min
Lab File: VN069914.D
Acq: 9 Dec 2021 16:21

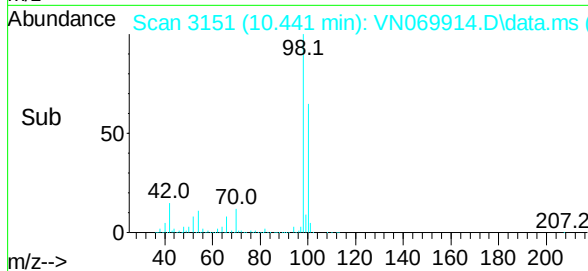
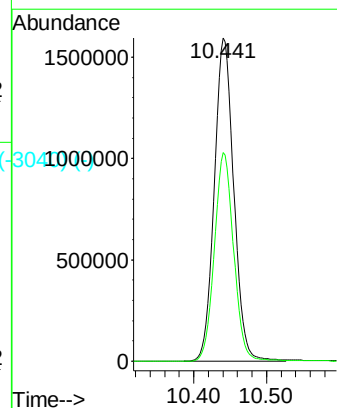
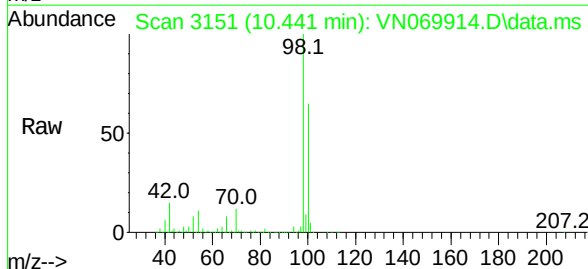
Instrument :
MSVOA_N
ClientSampleId :
MW-24

Tgt Ion:113 Resp: 705232
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.6 16.9 25.3



Toluene-d8
Concen: 52.025 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069914.D
Acq: 9 Dec 2021 16:21

Tgt Ion: 98 Resp: 2962709
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



Abundance Scan 4005 (12.731 min): VN069703.D\data.ms (-3962) (-)

4-Bromofluorobenzene

Concen: 59.911 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.000 min

Lab File: VN069914.D

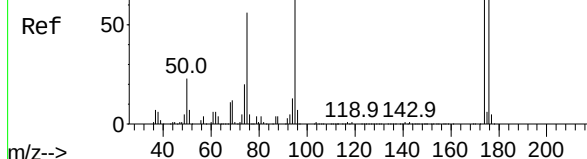
Acq: 9 Dec 2021 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW-24



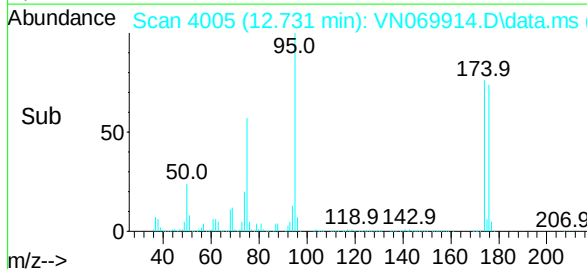
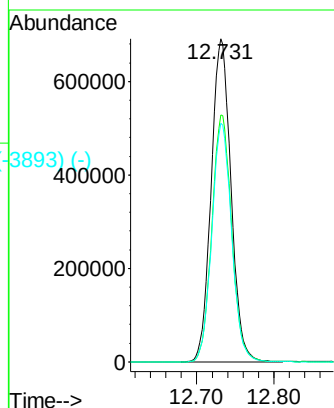
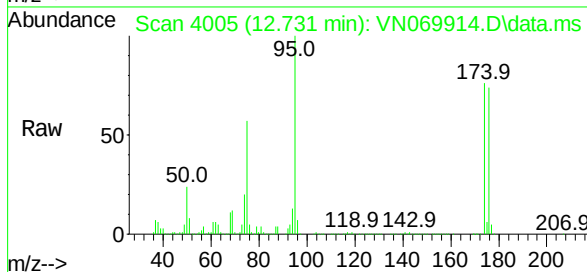
Tgt Ion: 95 Resp: 1236009

Ion Ratio Lower Upper

95 100

174 76.5 0.0 187.2

176 73.7 0.0 181.4



Abundance Scan 3638 (11.746 min): VN069703.D\data.ms (-3653) (-)

Chlorobenzene-d5

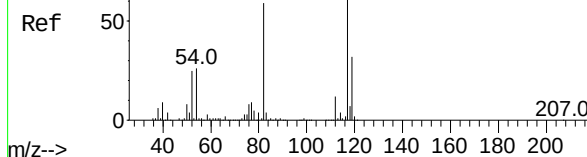
Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN069914.D

Acq: 9 Dec 2021 16:21



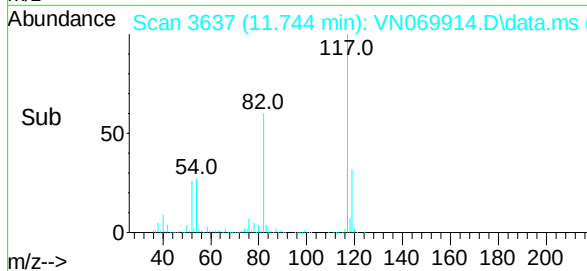
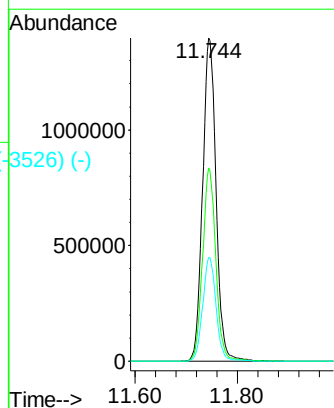
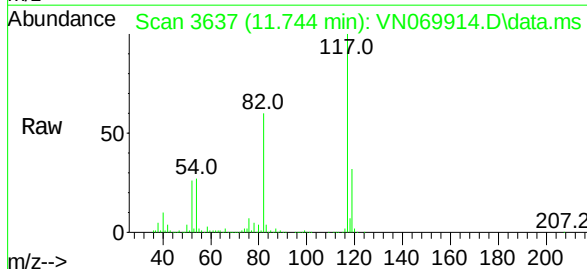
Tgt Ion: 117 Resp: 2537913

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

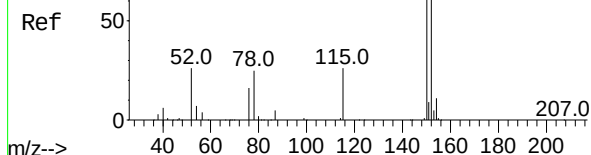
119 32.2 25.4 38.2



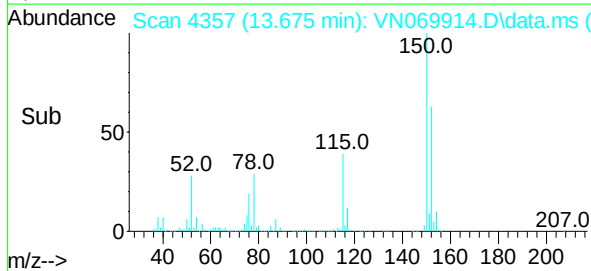
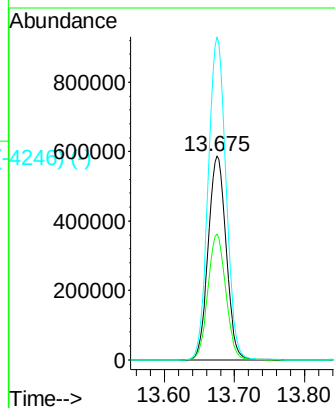
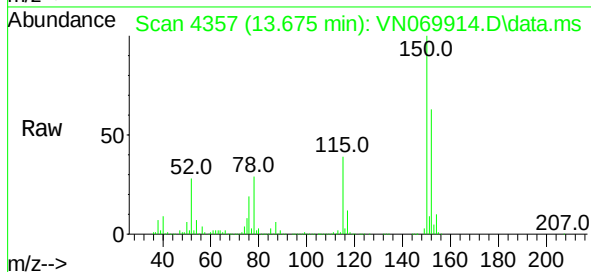
Abundance Scan 4358 (13.677 min): VN069703.D\data.ms (-4358) (-)

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4359
Delta R.T. -0.002 min
Lab File: VN069914.D
Acq: 9 Dec 2021 16:21

Instrument :
MSVOA_N
ClientSampleId :
MW-24



Tgt Ion:152 Resp: 1037491
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.2 0.0 344.4



Abundance Scan 5040 (15.507 min): VN069703.D\data.ms (-5040) (-)

Naphthalene
Concen: 4.194 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069914.D
Acq: 9 Dec 2021 16:21

Tgt Ion:128 Resp: 11491
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 9.2 8.7 13.1

