

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069915.D
 Acq On : 9 Dec 2021 16:46
 Operator : JC/MD
 Sample : M4940-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

Quant Time: Dec 10 06:17:29 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)

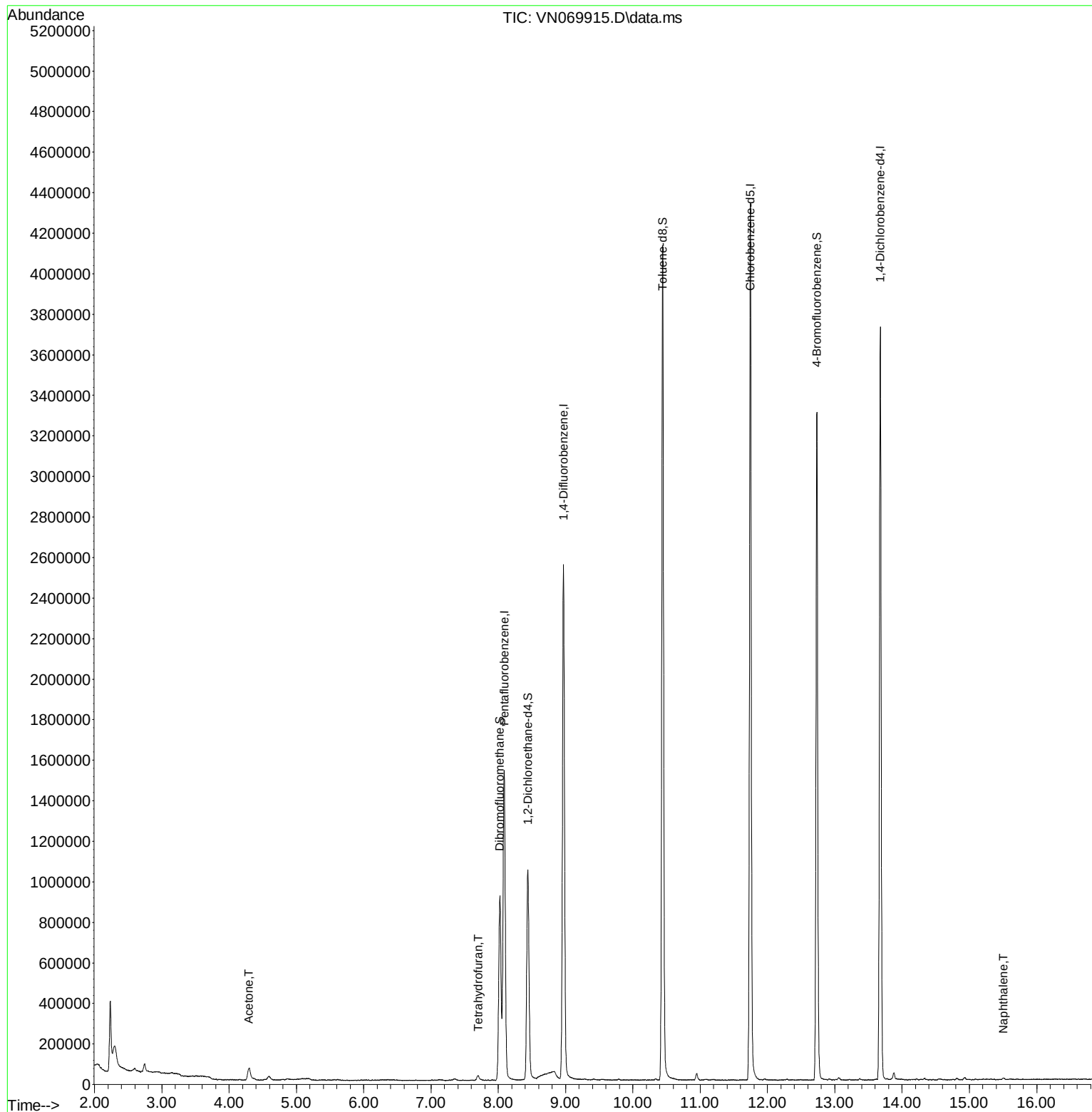
Internal Standards						
1) Pentafluorobenzene	8.088	168	1139272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2127585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2390880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	970612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	908392	51.641	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.280%			
35) Dibromofluoromethane	8.024	113	664325	49.849	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.700%			
50) Toluene-d8	10.440	98	2787692	52.095	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.733	95	1148175	59.227	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.460%			
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	115296	10.896	ug/l	97
29) Tetrahydrofuran	7.702	42	19419	2.224	ug/l #	69
95) Naphthalene	15.507	128	6938	4.120	ug/l #	86

(#) = 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: 8.088 min Scan# 21

Delta R.T. 0.002 min

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MSVOA_N

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MW-25

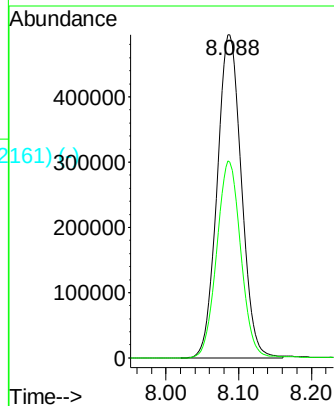
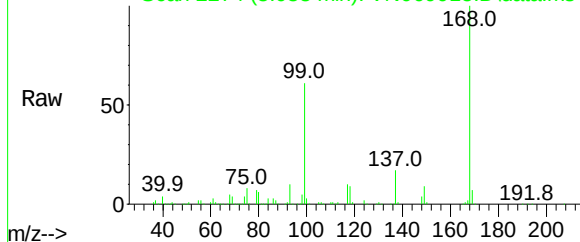
Tgt Ion:168 Resp: 1139272

Ion Ratio Lower Upper

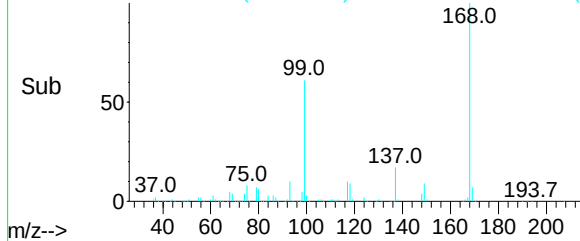
168 100

99 60.6 41.3 61.9

Abundance Scan 2274 (8.088 min): VN069915.D\data.ms



Abundance Scan 2274 (8.088 min): VN069915.D\data.ms (-2161) (-)



Abundance Scan 858 (4.291 min): VN069703.D\data.ms (-833) (-)

Acetone

Concen: 10.896 ug/l

RT: 4.296 min Scan# 860

Delta R.T. 0.005 min

Lab File: VN069915.D

Acq: 9 Dec 2021 16:46

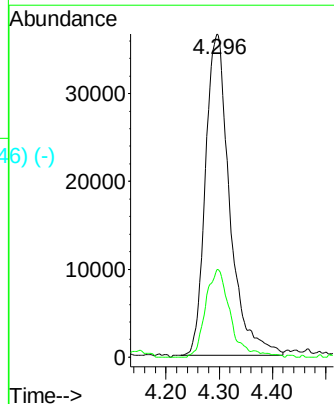
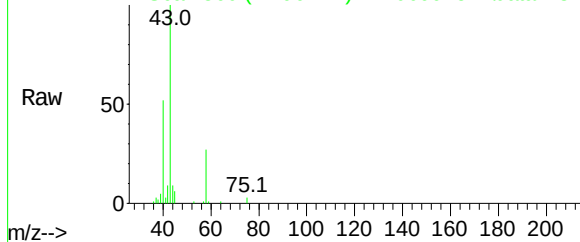
Tgt Ion: 43 Resp: 115296

Ion Ratio Lower Upper

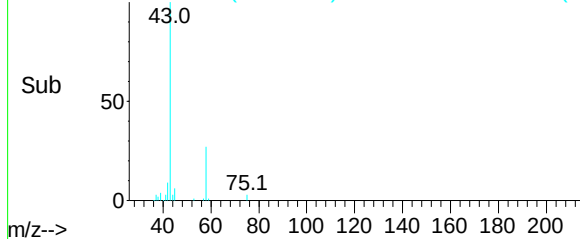
43 100

58 27.2 23.1 34.7

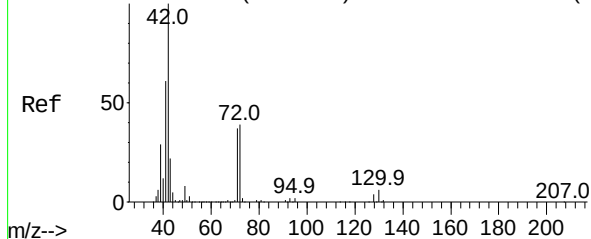
Abundance Scan 860 (4.296 min): VN069915.D\data.ms



Abundance Scan 860 (4.296 min): VN069915.D\data.ms (-746) (-)



Abundance Scan 2124 (7.686 min): VN069703.D\data.ms (-20629-)



Tetrahydrofuran

Concen: 2.224 ug/l

RT: 7.702 min Scan# 2124

Delta R.T. 0.016 min

Lab File: VN069915.D

Acq: 9 Dec 2021 16:46

Instrument :

MSVOA_N

ClientSampleId :

MW-25

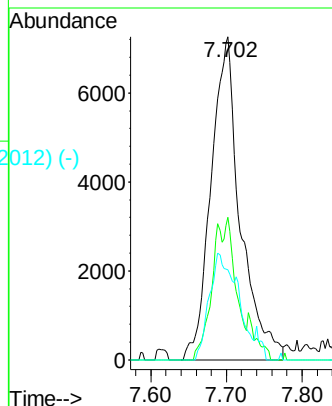
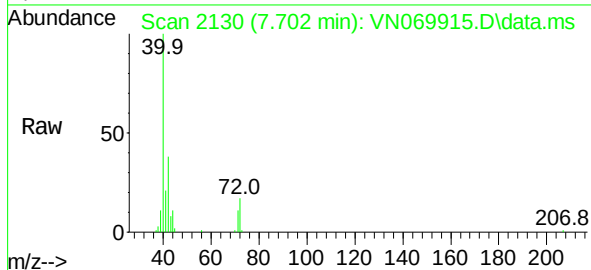
Tgt Ion: 42 Resp: 19419

Ion Ratio Lower Upper

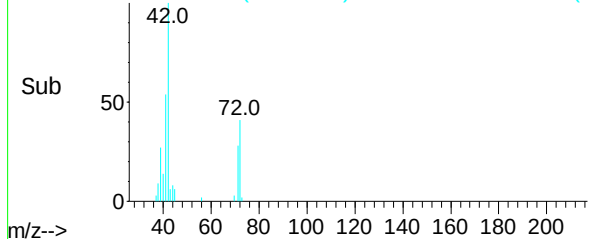
42 100

72 16.4 36.3 54.5#

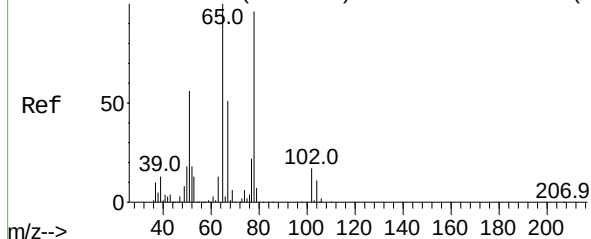
71 32.1 34.7 52.1#



Abundance Scan 2130 (7.702 min): VN069915.D\data.ms (-2012) (-)



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



1,2-Dichloroethane-d4

Concen: 51.641 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069915.D

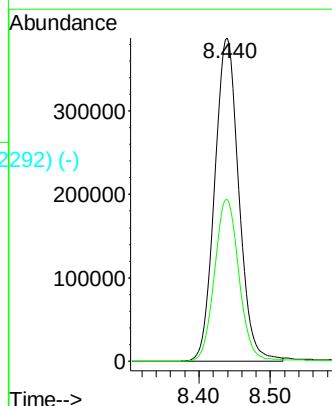
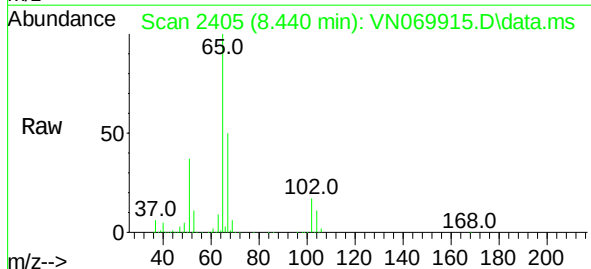
Acq: 9 Dec 2021 16:46

Tgt Ion: 65 Resp: 908392

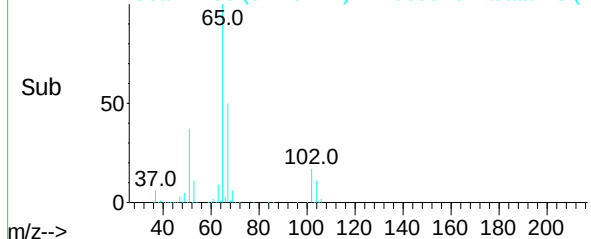
Ion Ratio Lower Upper

65 100

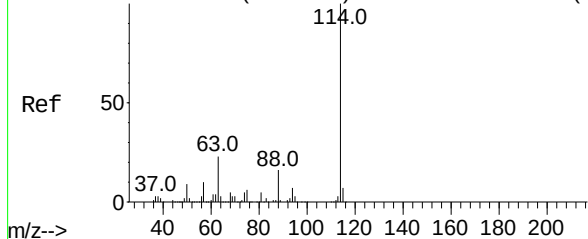
67 50.7 0.0 103.0



Abundance Scan 2405 (8.440 min): VN069915.D\data.ms (-2292) (-)



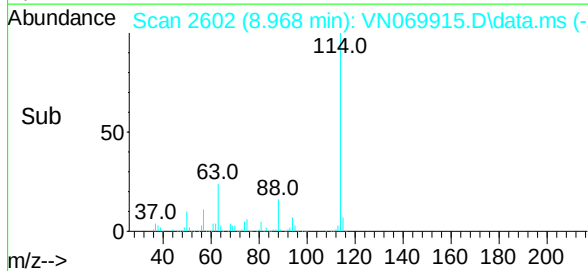
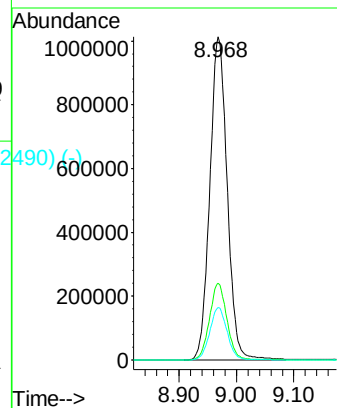
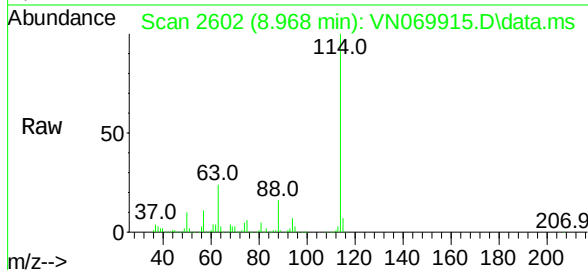
Abundance Scan 2602 (8.968 min): VN069703.D\data.ms (-25604)



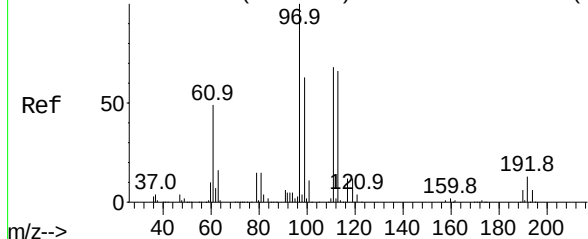
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069915.D
Acq: 9 Dec 2021 16:46

Instrument :
MSVOA_N
ClientSampleId :
MW-25

Tgt Ion:114 Resp: 2127585
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.2 0.0 27.4

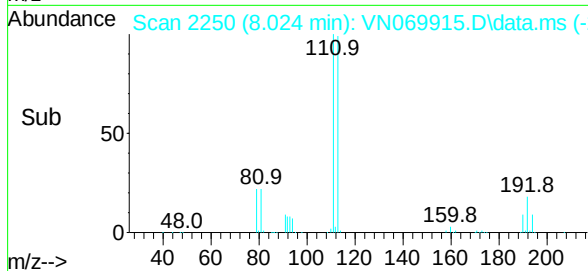
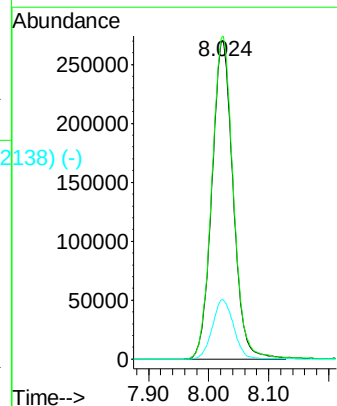
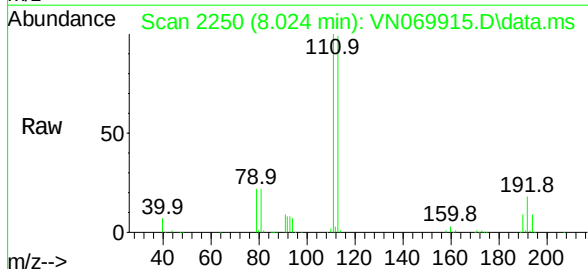


Abundance Scan 2250 (8.024 min): VN069703.D\data.ms (-22235)



Dibromofluoromethane
Concen: 49.849 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069915.D
Acq: 9 Dec 2021 16:46

Tgt Ion:113 Resp: 664325
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 18.8 16.9 25.3



Abundance Scan 3152 (10.443 min): VN069703.D\data.ms (-3152) (-)

Toluene-d8

Concen: 52.095 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069915.D

Acq: 9 Dec 2021 16:46

Instrument :

MSVOA_N

ClientSampleId :

MW-25

Tgt Ion: 98 Resp: 2787692

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6

Abundance Scan 3151 (10.440 min): VN069915.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 3151 (10.440 min): VN069915.D\data.ms (-3151) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 3151 (10.440 min): VN069915.D\data.ms (-3151) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance

10.440

1000000

500000

0

Time-->

10.40 10.60

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

4-Bromofluorobenzene

Concen: 59.227 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. 0.002 min

Lab File: VN069915.D

Acq: 9 Dec 2021 16:46

Tgt Ion: 95 Resp: 1148175

Ion Ratio Lower Upper

95 100

174 77.2 0.0 187.2

176 73.9 0.0 181.4

Abundance Scan 4006 (12.733 min): VN069915.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

Abundance Scan 4006 (12.733 min): VN069915.D\data.ms (-3962) (-)

Ref 50

Raw 50

Sub 50

m/z-->

Abundance

12.733

600000

400000

200000

0

Time-->

12.70 12.80

Abundance Scan 3638 (11.746 min): VN069703.D\data.ms (-3659) (-)

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3659

Delta R.T. -0.002 min

Lab File: VN069915.D

Acq: 9 Dec 2021 16:46

Instrument :

MSVOA_N

ClientSampleId :

MW-25

Tgt Ion:117 Resp: 2390880

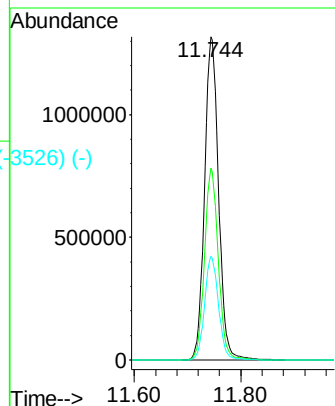
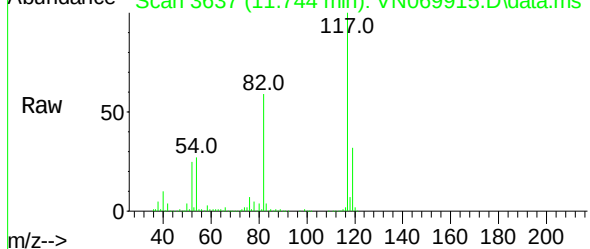
Ion Ratio Lower Upper

117 100

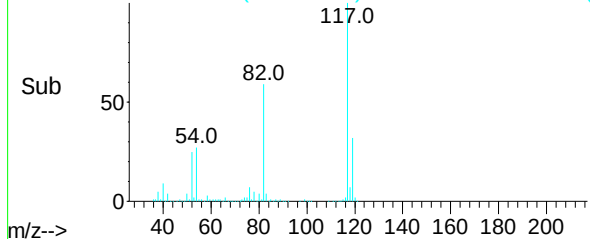
82 59.3 42.4 63.6

119 32.2 25.4 38.2

Abundance Scan 3637 (11.744 min): VN069915.D\data.ms



Abundance Scan 3637 (11.744 min): VN069915.D\data.ms (-3526) (-)



Abundance Scan 4358 (13.677 min): VN069703.D\data.ms (-4379) (-)

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.003 min

Lab File: VN069915.D

Acq: 9 Dec 2021 16:46

Tgt Ion:152 Resp: 970612

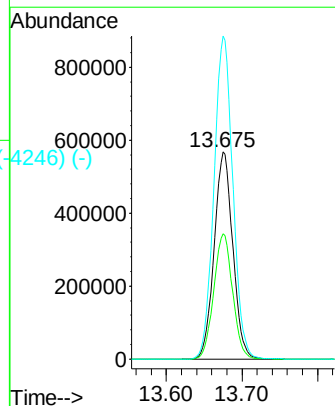
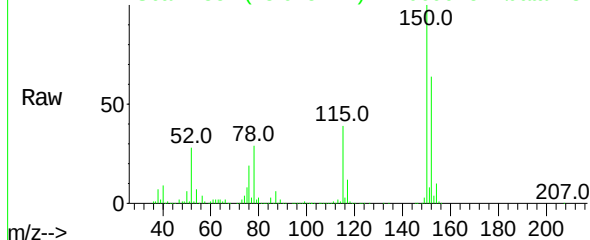
Ion Ratio Lower Upper

152 100

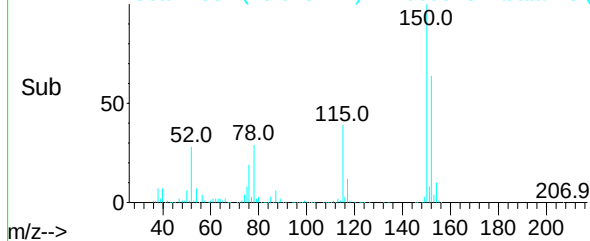
115 61.0 27.5 82.5

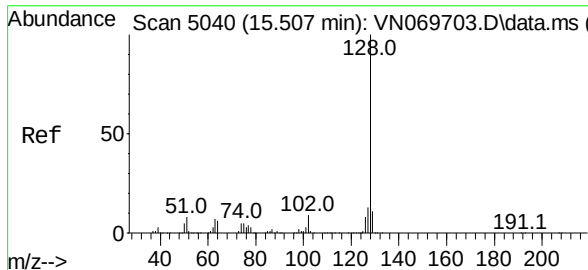
150 157.4 0.0 344.4

Abundance Scan 4357 (13.675 min): VN069915.D\data.ms



Abundance Scan 4357 (13.675 min): VN069915.D\data.ms (-4246) (-)





Naphthalene
 Concen: 4.120 ug/l
 RT: 15.507 min Scan# 4125
 Delta R.T. -0.000 min
 Lab File: VN069915.D
 Acq: 9 Dec 2021 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

Tgt Ion:128 Resp: 6938
 Ion Ratio Lower Upper
 128 100
 127 15.6 10.5 15.7
 129 2.0 8.7 13.1#

