

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063969.D
 Acq On : 8 Oct 2020 3:17
 Operator : JC/MD
 Sample : L4221-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-100620

Quant Time: Oct 08 06:44:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

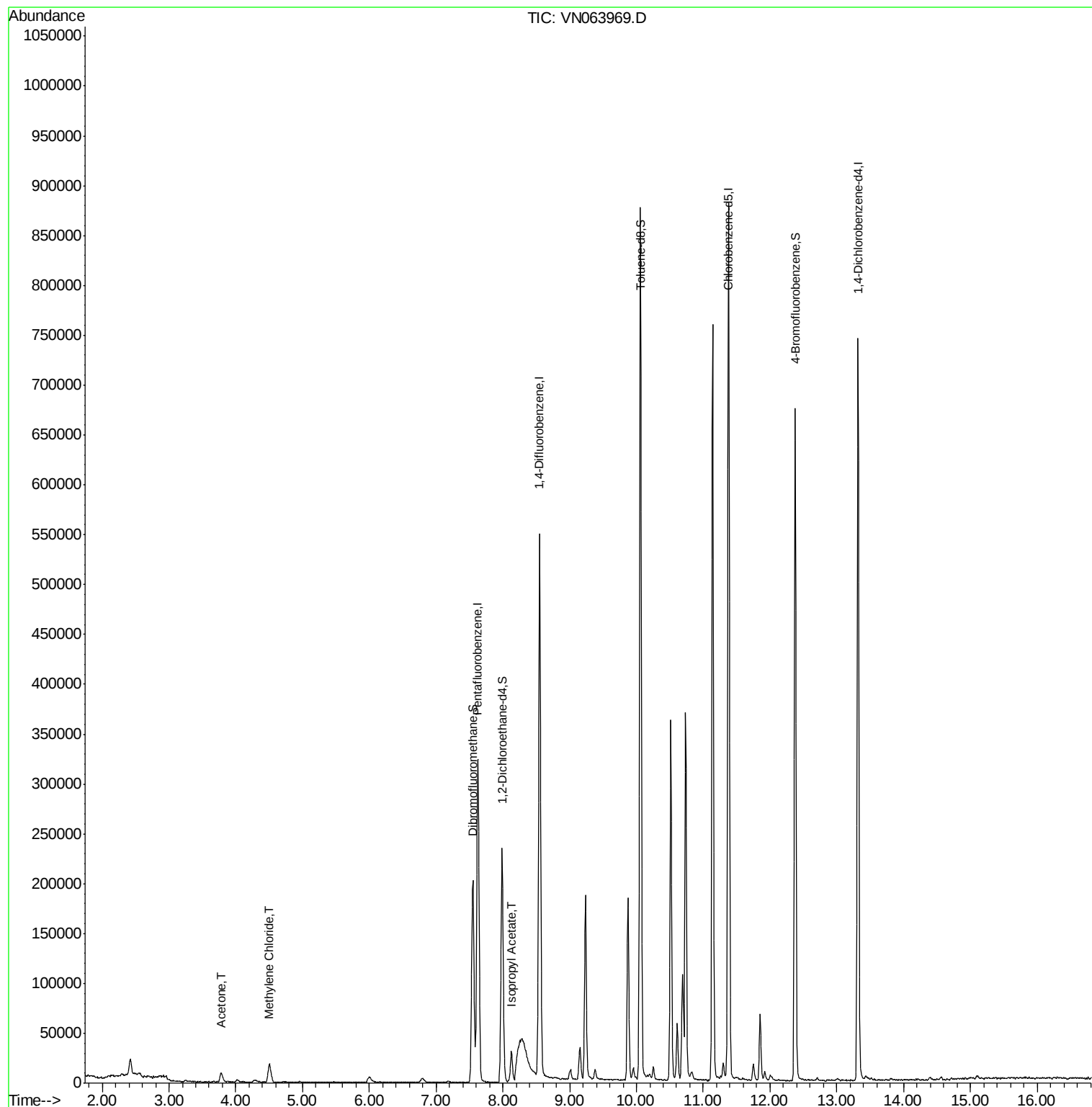
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208620	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.55	113	151181	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.06	98	582166	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.38	95	222120	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
Target Compounds						
16) Acetone	3.78	43	17938	14.607	ug/l	92
20) Methylene Chloride	4.51	84	13028	4.721	ug/l	88
43) Isopropyl Acetate	8.13	43	36787	4.880	ug/l	97

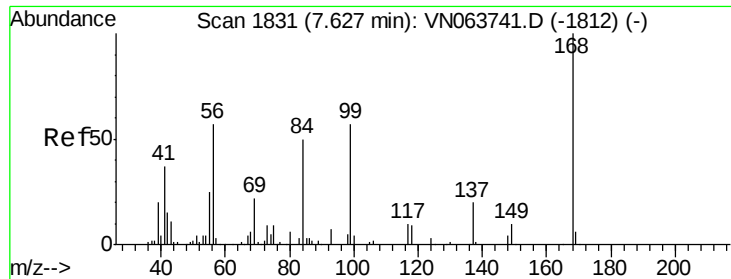
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063969.D

Acq: 8 Oct 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

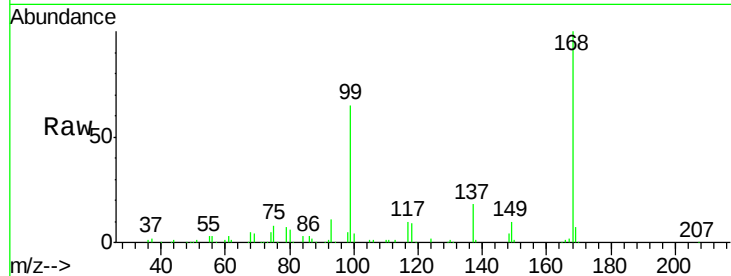
OK-01-100620

Tot Ion:168 Resp: 241470

Ion Ratio Lower Upper

168 100

99 65.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

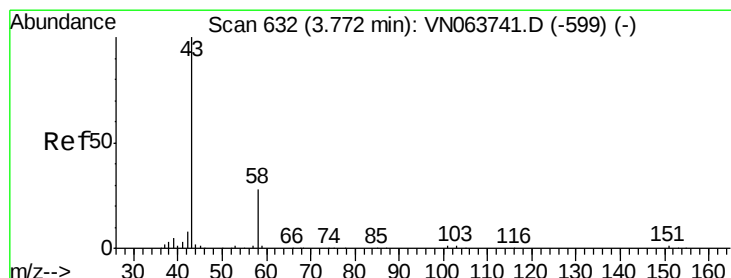
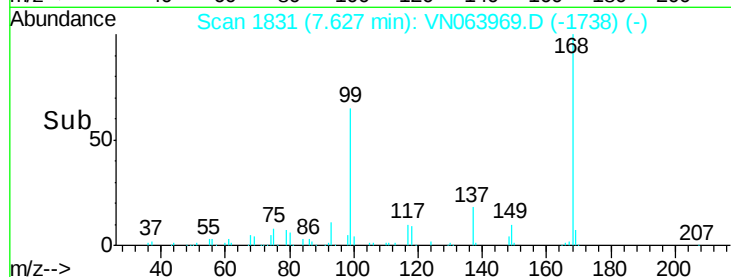
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 14.607 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063969.D

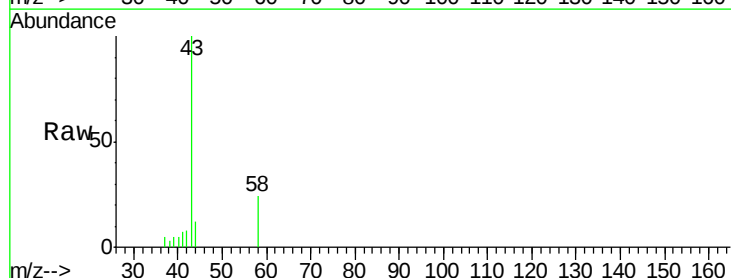
Acq: 8 Oct 2020 3:17

Tgt Ion: 43 Resp: 17938

Ion Ratio Lower Upper

43 100

58 23.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

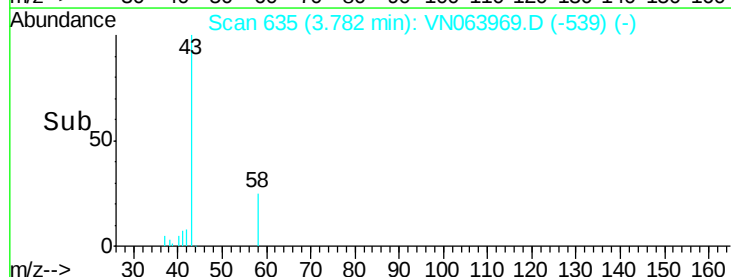
6000

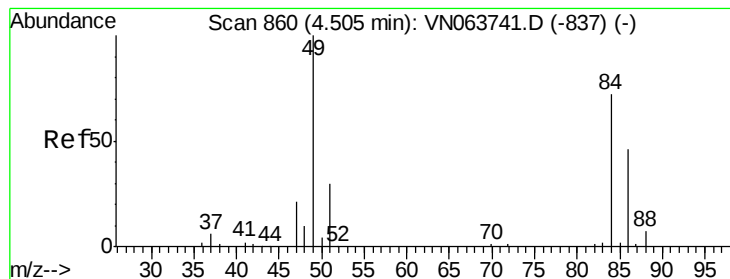
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 4.721 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063969.D

Acq: 8 Oct 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

OK-01-100620

Tot Ion: 84 Resp: 13028

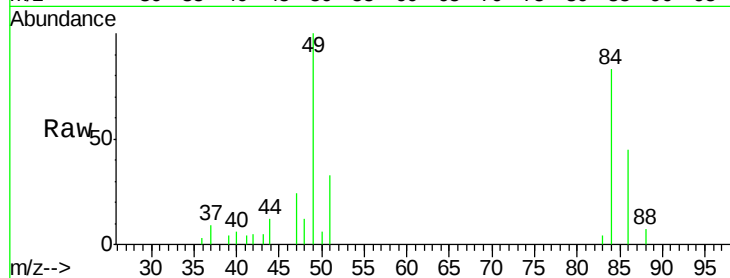
Ion Ratio Lower Upper

84 100

49 120.0 110.4 165.6

51 39.0 33.3 49.9

86 54.1 50.7 76.1

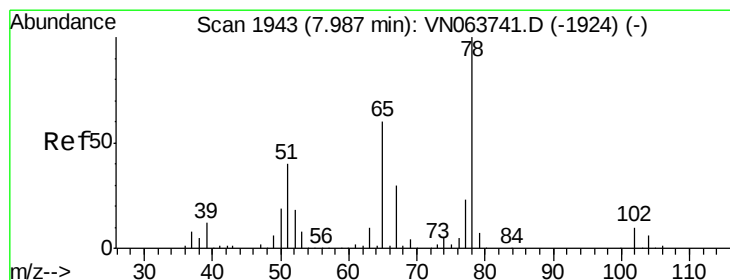
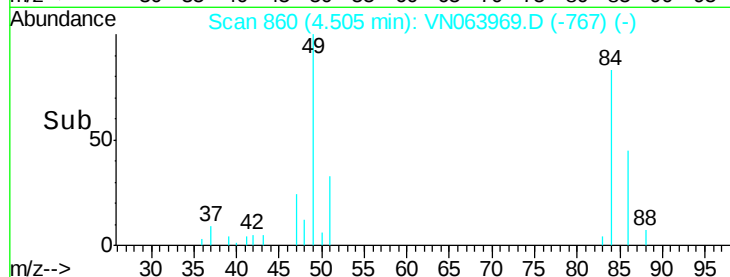
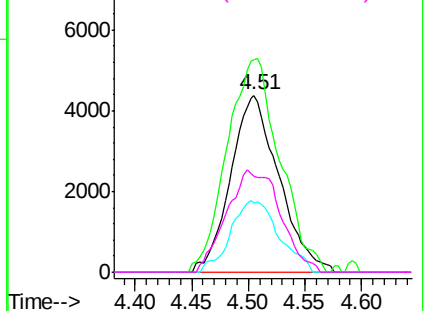


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.296 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063969.D

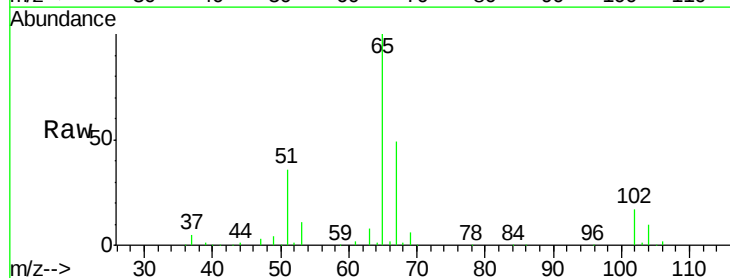
Acq: 8 Oct 2020 3:17

Tgt Ion: 65 Resp: 208620

Ion Ratio Lower Upper

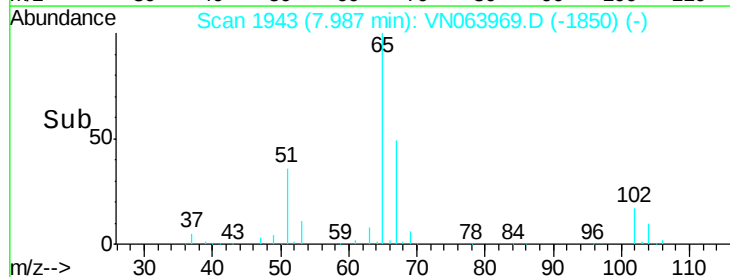
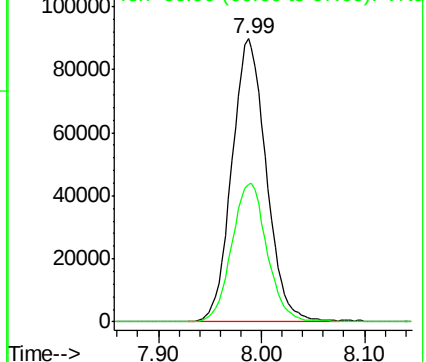
65 100

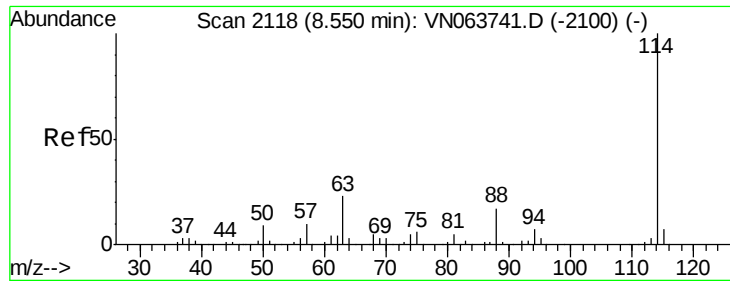
67 49.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

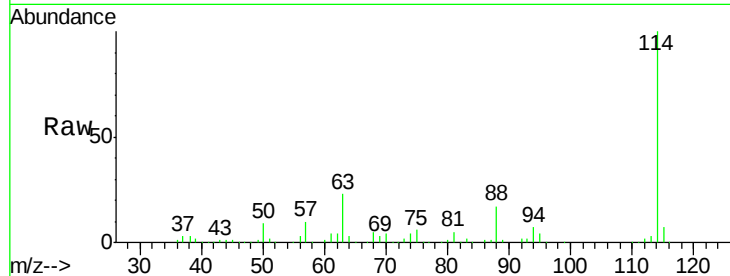




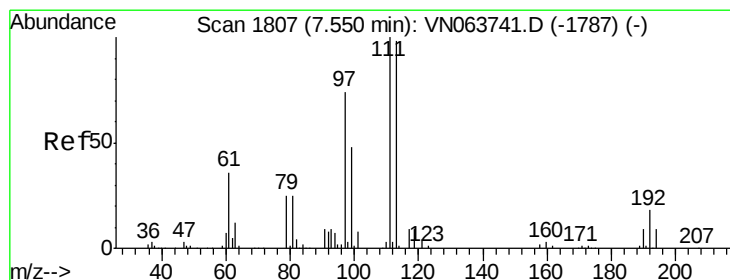
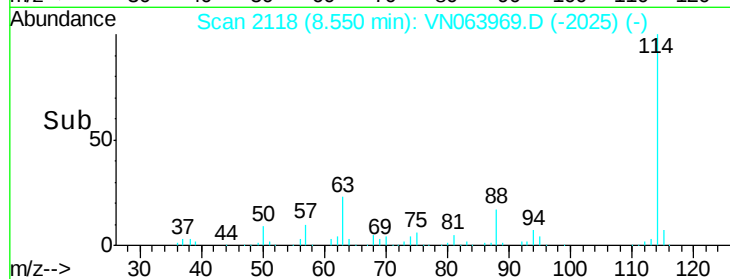
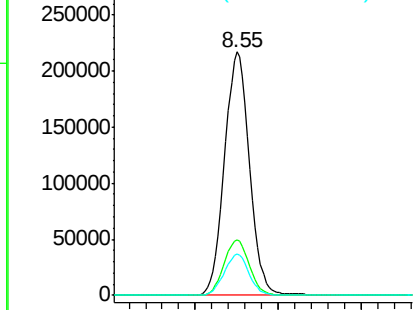
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063969.D
 Acq: 8 Oct 2020 3:17

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-100620

Tot Ion:114 Resp: 454083
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.9 0.0 34.0

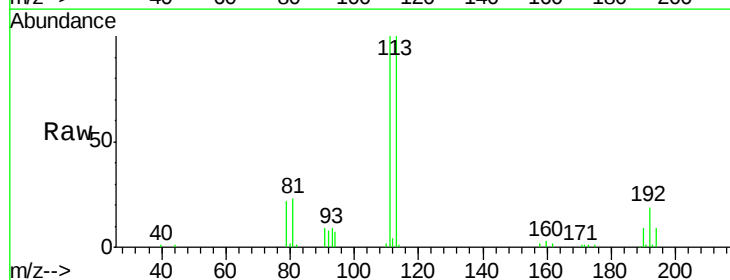


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

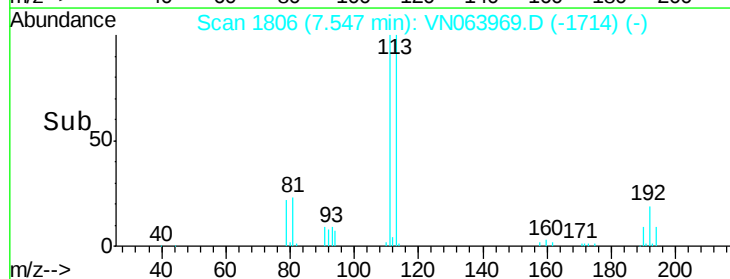
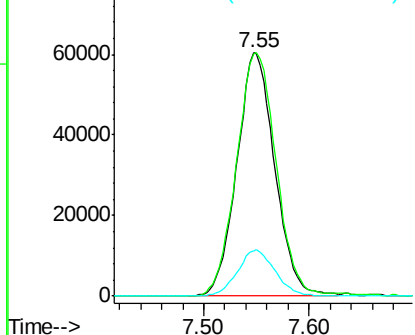


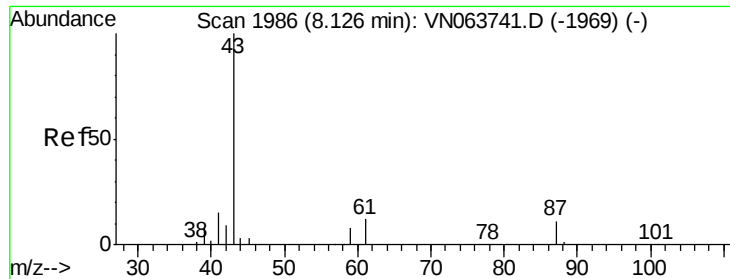
#35
 Dibromofluoromethane
 Concen: 47.982 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063969.D
 Acq: 8 Oct 2020 3:17

Tgt Ion:113 Resp: 151181
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.8 122.8
 192 18.7 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.880 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063969.D

Acq: 8 Oct 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

OK-01-100620

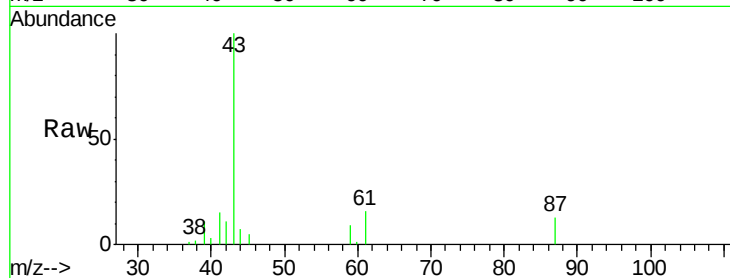
Tot Ion: 43 Resp: 36787

Ion Ratio Lower Upper

43 100

61 16.0 14.2 21.4

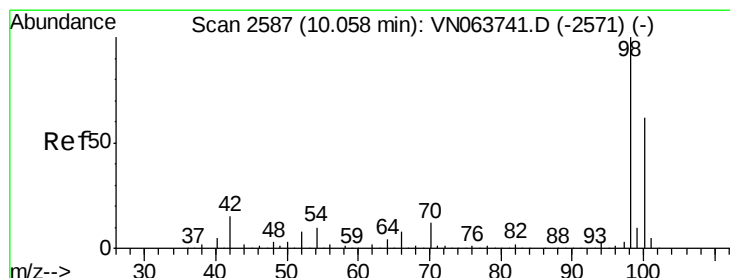
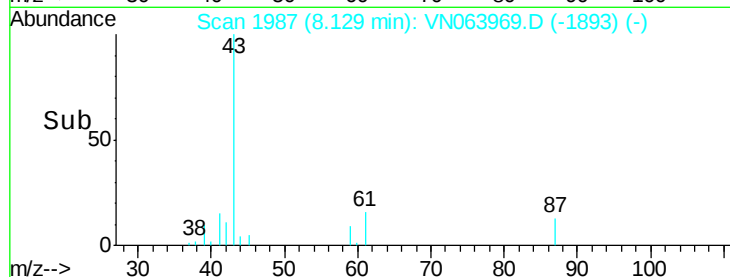
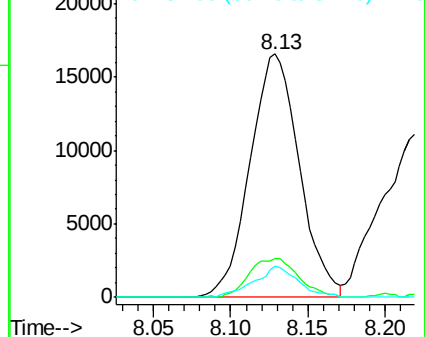
87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#50

Toluene-d8

Concen: 48.740 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063969.D

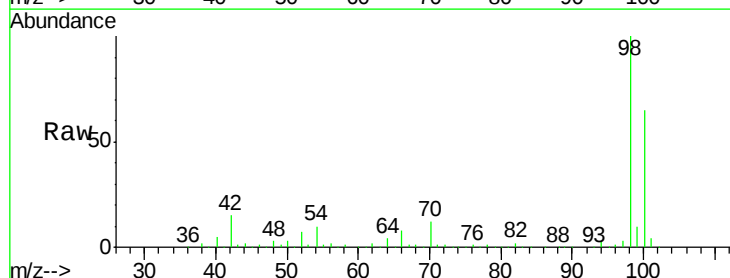
Acq: 8 Oct 2020 3:17

Tgt Ion: 98 Resp: 582166

Ion Ratio Lower Upper

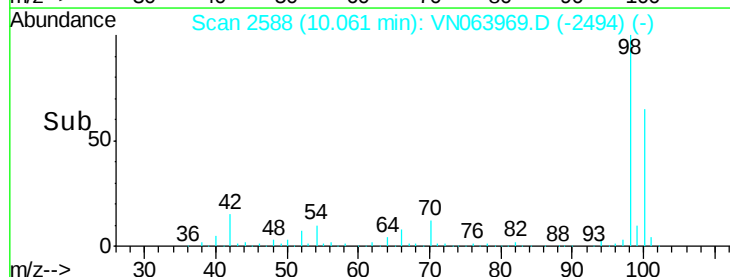
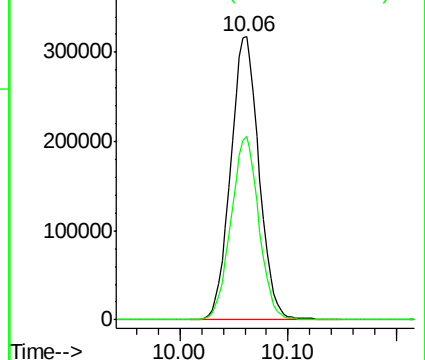
98 100

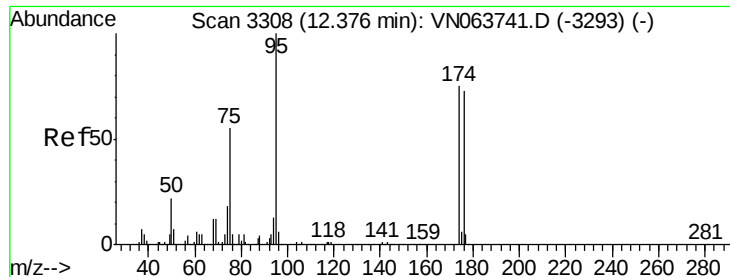
100 63.5 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#62

4-Bromofluorobenzene

Concen: 49.470 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063969.D

Acq: 8 Oct 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

OK-01-100620

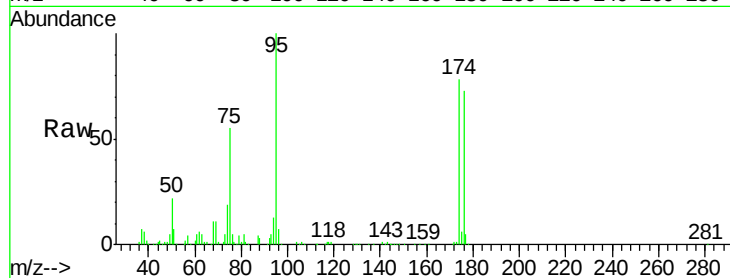
Tot Ion: 95 Resp: 222120

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

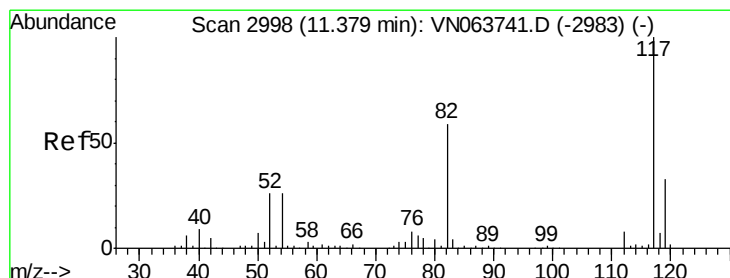
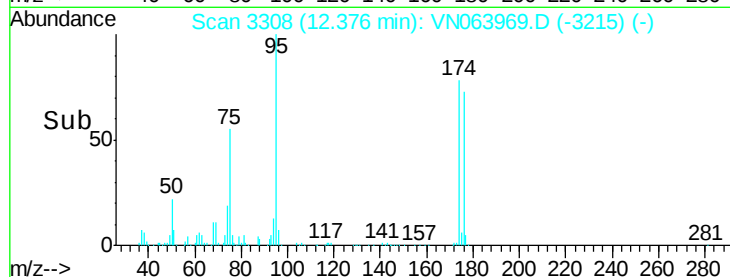
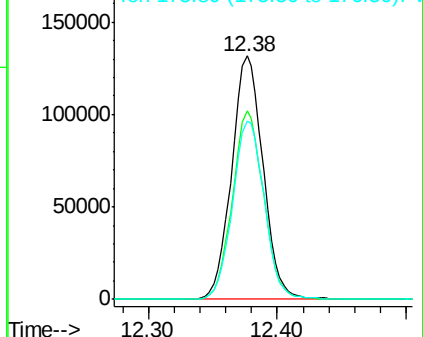
176 74.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063969.D

Acq: 8 Oct 2020 3:17

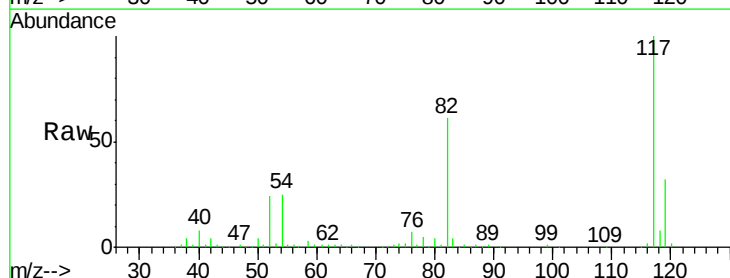
Tgt Ion: 117 Resp: 469083

Ion Ratio Lower Upper

117 100

82 61.3 47.4 71.2

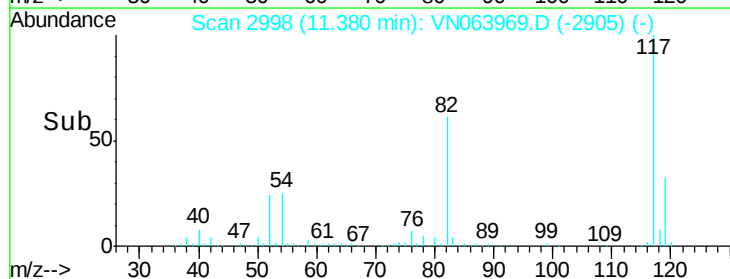
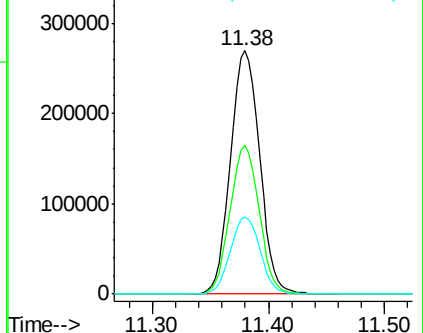
119 31.9 26.4 39.6

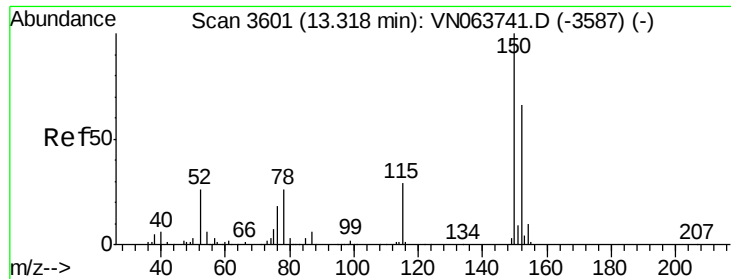


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063969.D

Acq: 8 Oct 2020 3:17

Instrument :

MSVOA_N

ClientSampleId :

OK-01-100620

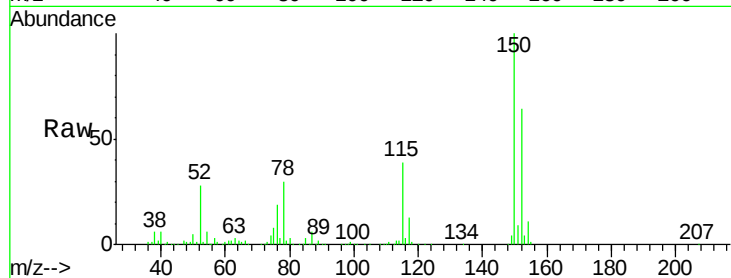
Tot Ion:152 Resp: 189127

Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.8

150 156.6 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

