

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057102.D
 Acq On : 6 Aug 2019 14:44
 Operator : JC/SP
 Sample : K4152-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-H1-(0-1)

Quant Time: Aug 07 04:18:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

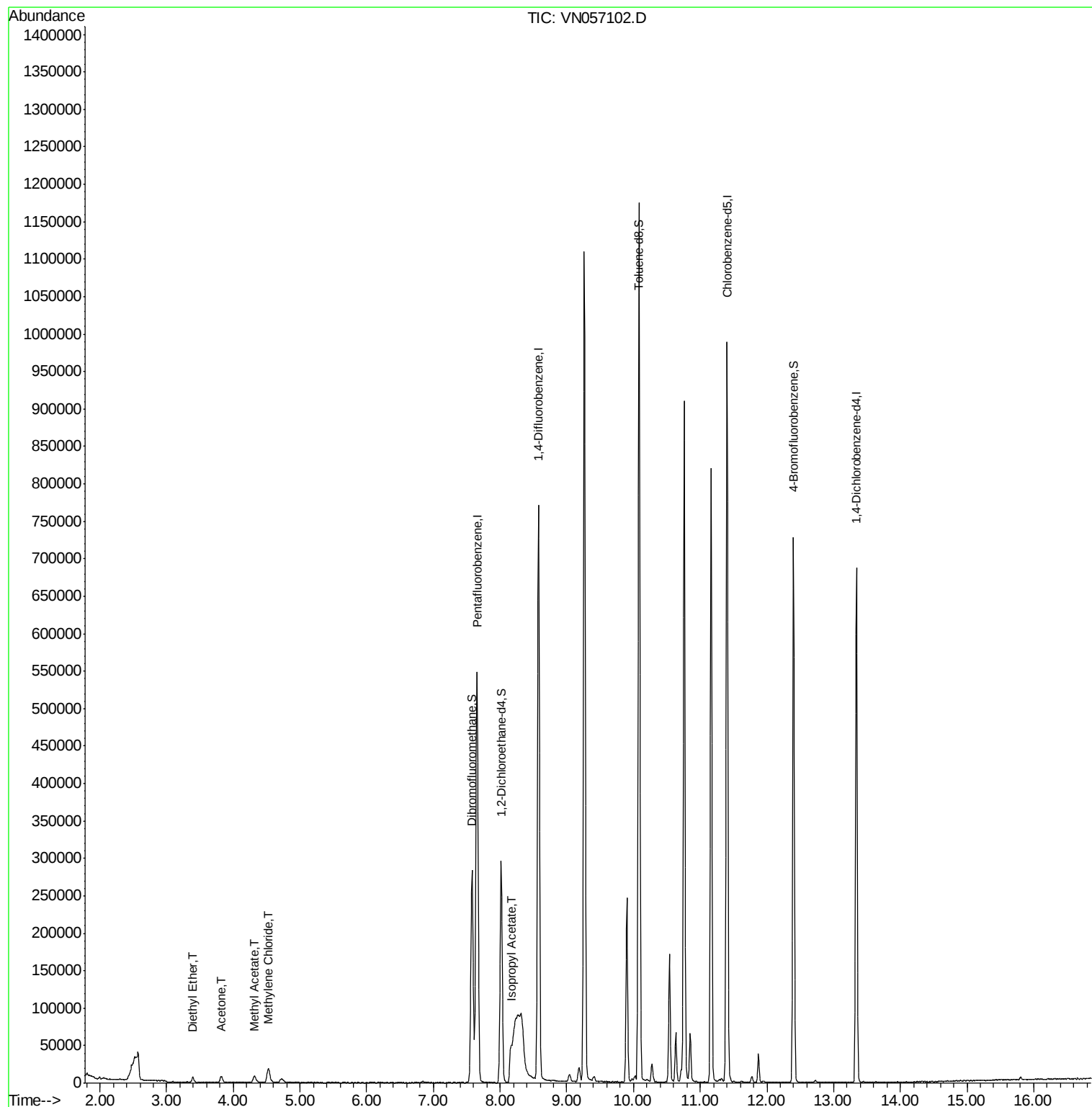
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	494728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	719101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	616517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	249449	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	7.58	113	217814	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.08	98	849560	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	253892	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
8) Diethyl Ether	3.40	74	3730	1.356	ug/l #	36
16) Acetone	3.82	43	14272	7.779	ug/l	93
18) Methyl Acetate	4.32	43	19322	3.301	ug/l	94
20) Methylene Chloride	4.52	84	15523	2.937	ug/l	89
43) Isopropyl Acetate	8.16	43	51384	6.134	ug/l #	67

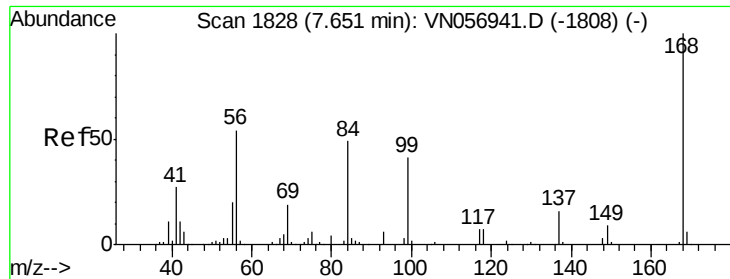
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

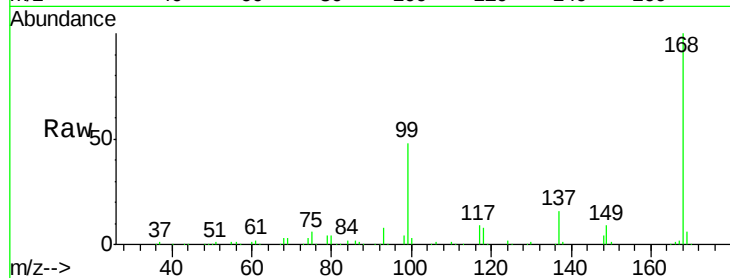
2S-H1-(0-1)

Tot Ion:168 Resp: 494728

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

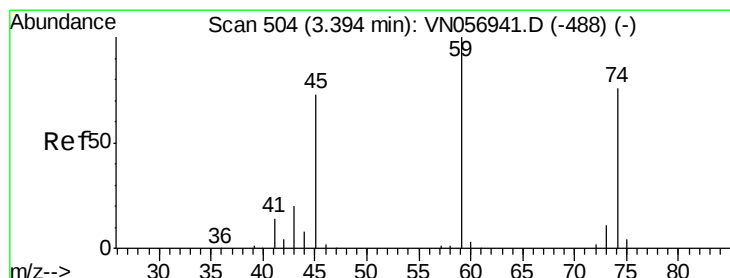
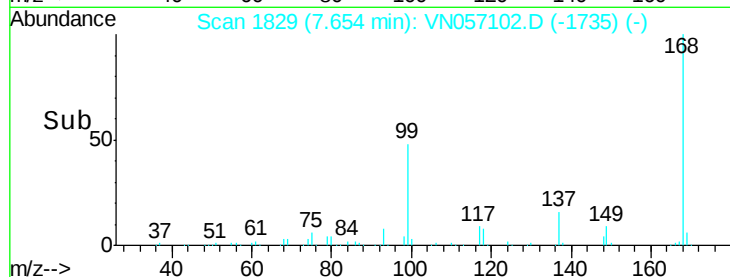
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.356 ug/l

RT: 3.40 min Scan# 506

Delta R.T. 0.01 min

Lab File: VN057102.D

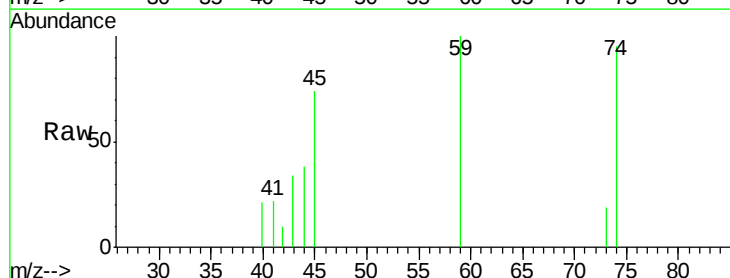
Acq: 6 Aug 2019 14:44

Tgt Ion: 74 Resp: 3730

Ion Ratio Lower Upper

74 100

45 33.9 48.1 144.3#



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.40

2000

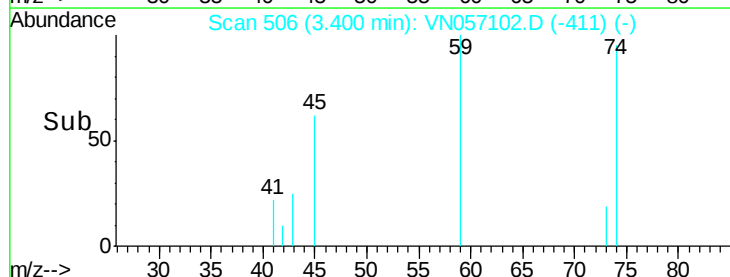
1500

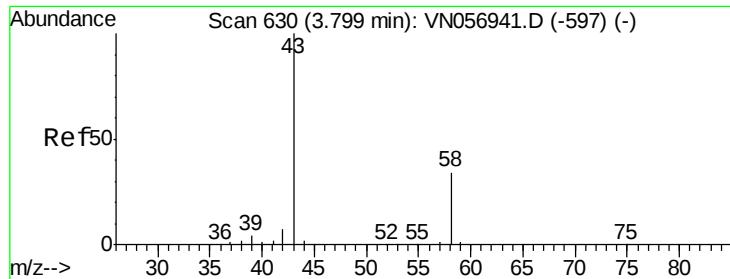
1000

500

0

Time-->





#16

Acetone

Concen: 7.779 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.03 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

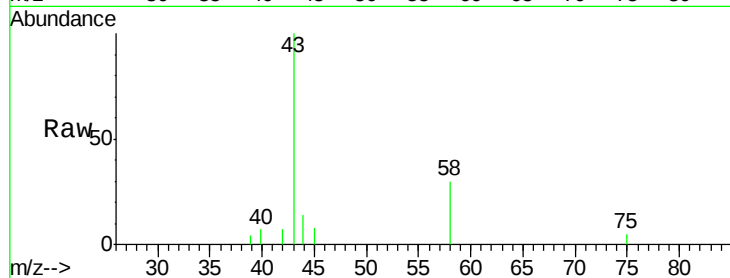
2S-H1-(0-1)

Tot Ion: 43 Resp: 14272

Ion Ratio Lower Upper

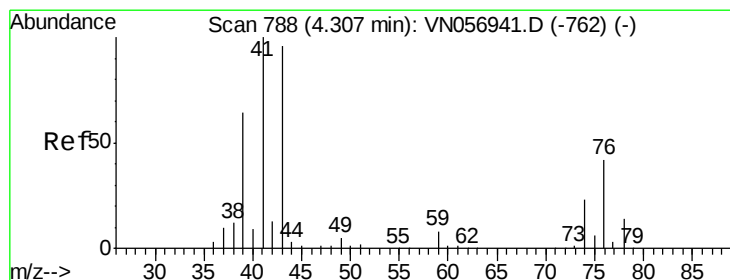
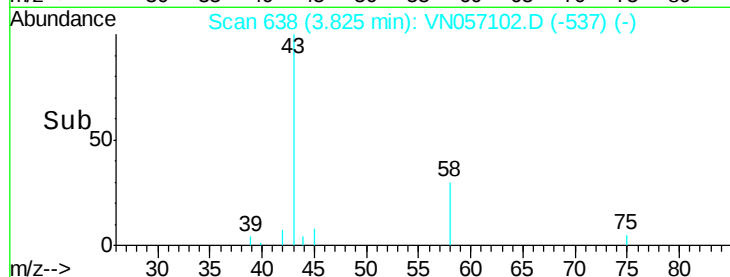
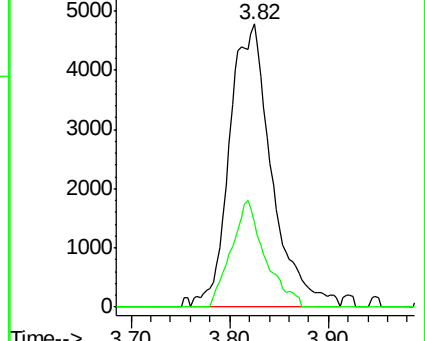
43 100

58 30.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 3.301 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057102.D

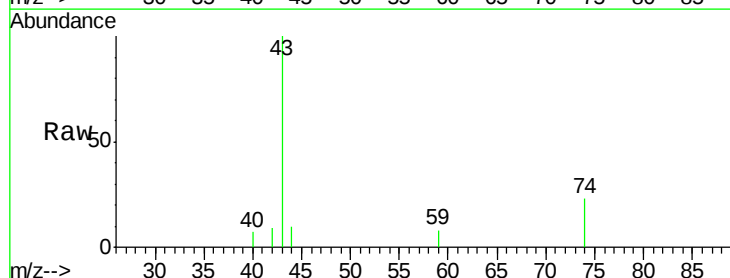
Acq: 6 Aug 2019 14:44

Tgt Ion: 43 Resp: 19322

Ion Ratio Lower Upper

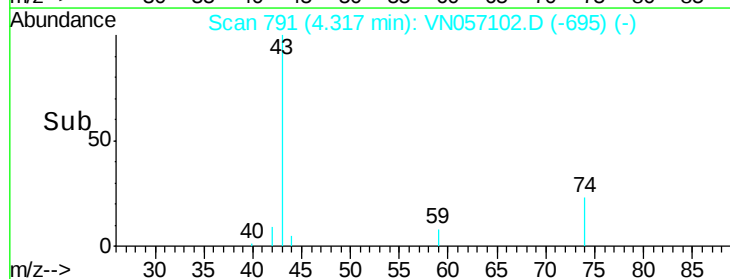
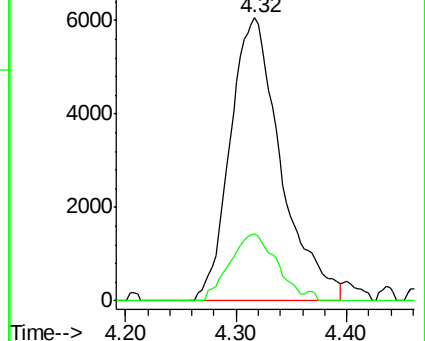
43 100

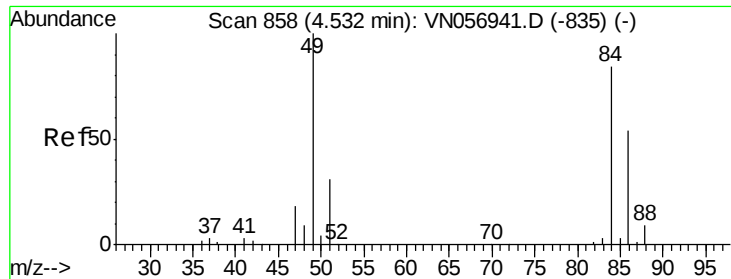
74 21.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

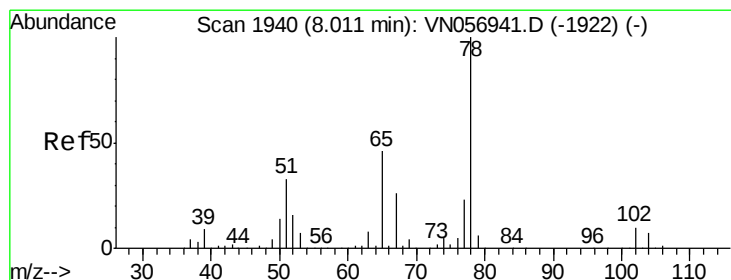
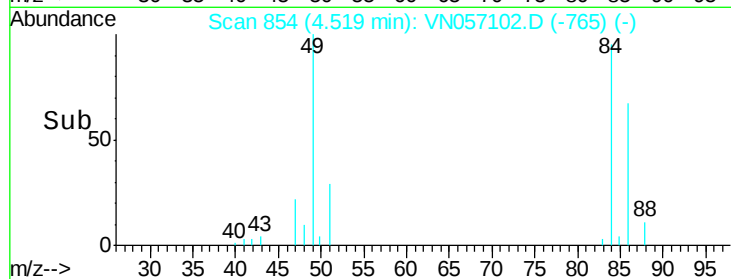
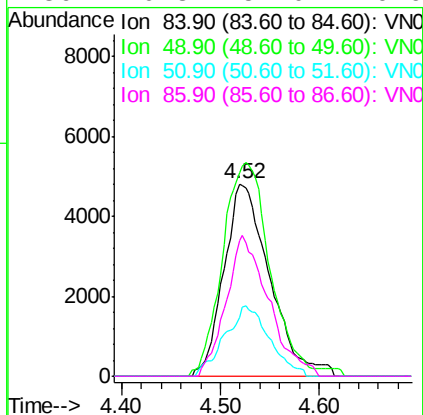
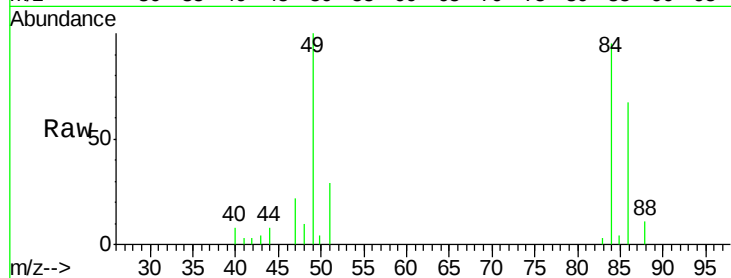




#20
Methylene Chloride
Concen: 2.937 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN057102.D
Acq: 6 Aug 2019 14:44

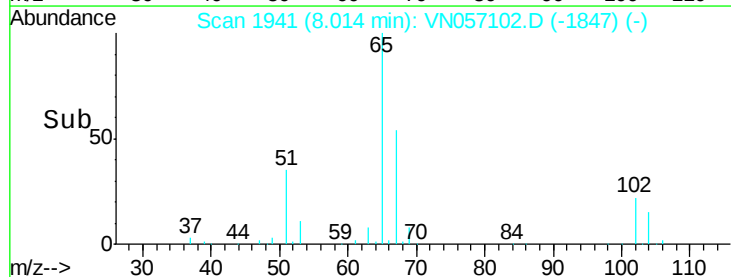
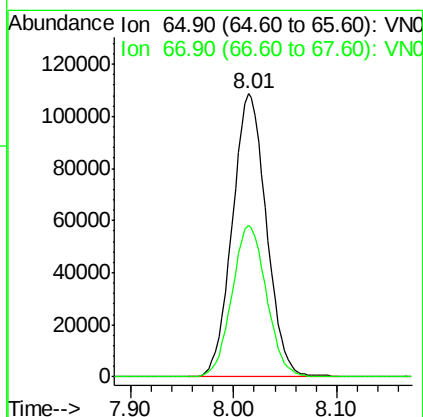
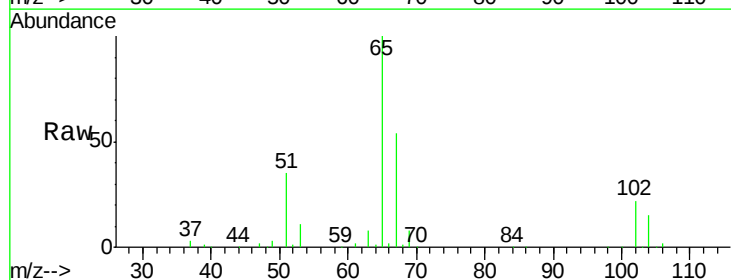
Instrument :
MSVOA_N
ClientSampleId :
2S-H1-(0-1)

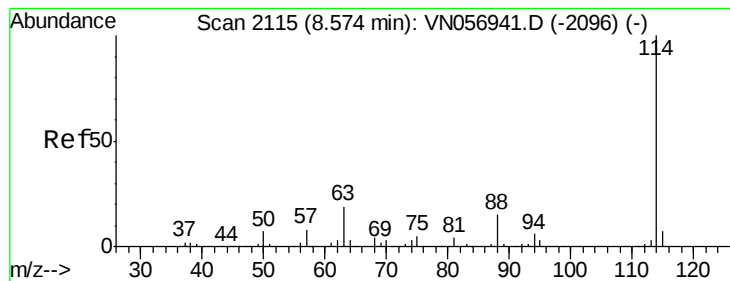
Tot Ion: 84 Resp: 15523
Ion Ratio Lower Upper
84 100
49 105.6 95.2 142.8
51 31.0 29.7 44.5
86 70.3 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 49.257 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057102.D
Acq: 6 Aug 2019 14:44

Tgt Ion: 65 Resp: 249449
Ion Ratio Lower Upper
65 100
67 54.2 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

2S-H1-(0-1)

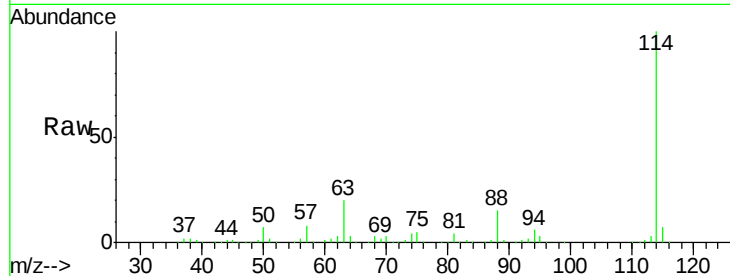
Tot Ion:114 Resp: 719101

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

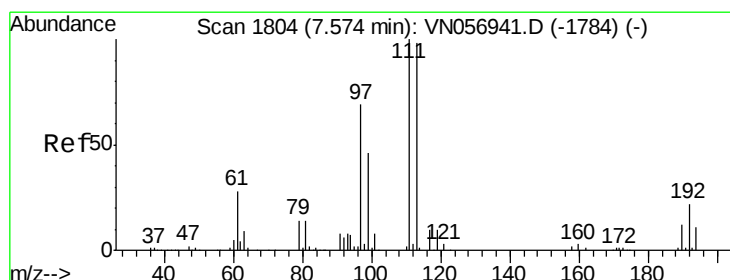
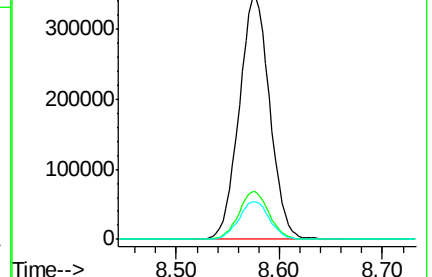
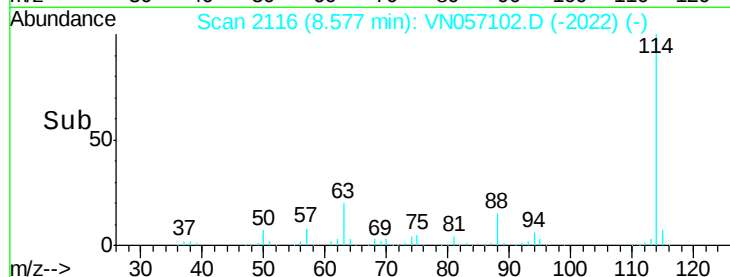
88 15.4 0.0 30.0



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: 47.315 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

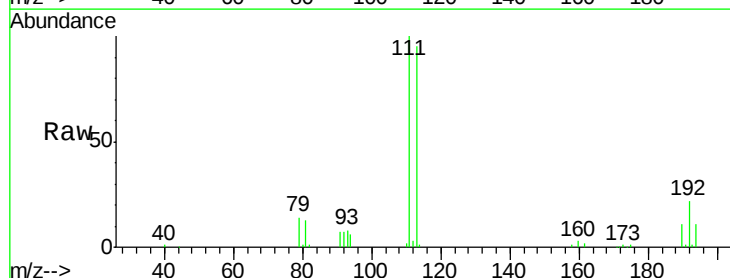
Tgt Ion:113 Resp: 217814

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

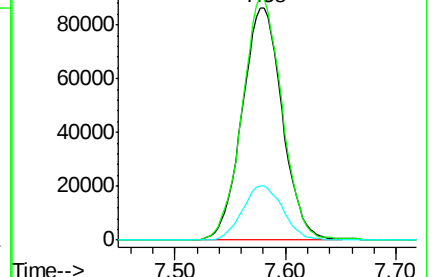
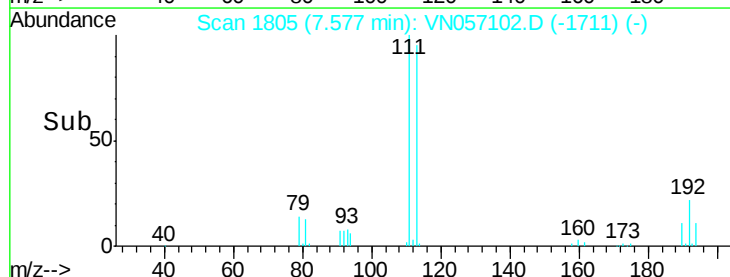
192 23.5 18.4 27.6

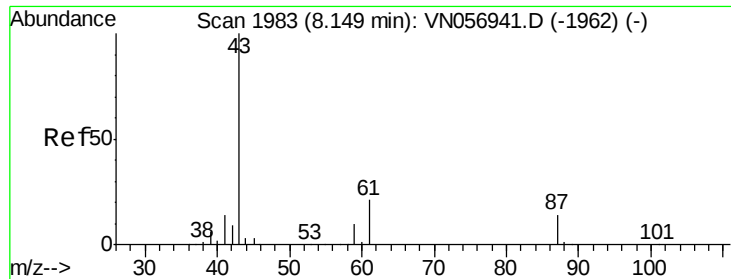


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.134 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

2S-H1-(0-1)

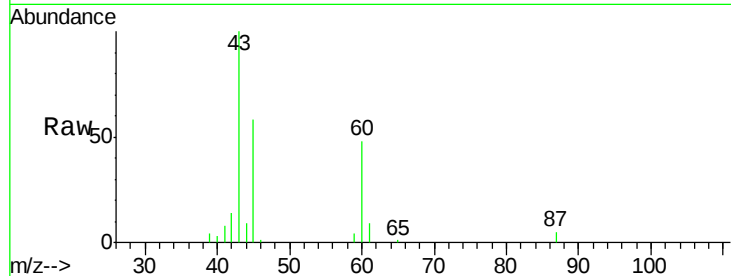
Tot Ion: 43 Resp: 51384

Ion Ratio Lower Upper

43 100

61 8.9 23.0 34.6#

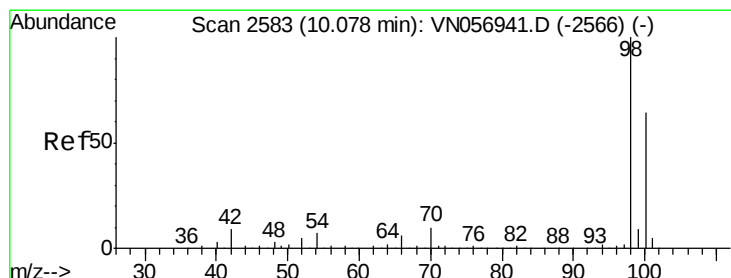
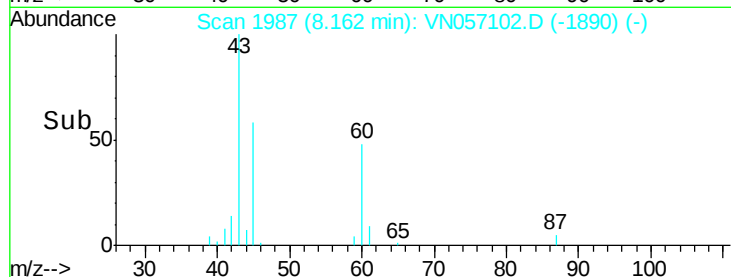
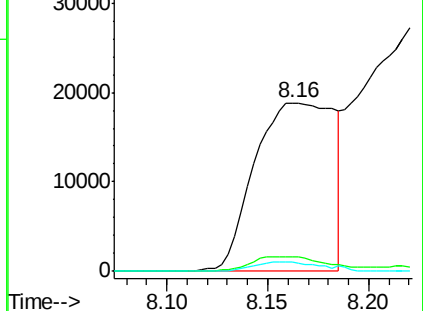
87 4.7 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN057102.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN057102.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN057102.D (-1890) (-)



#50

Toluene-d8

Concen: 48.394 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057102.D

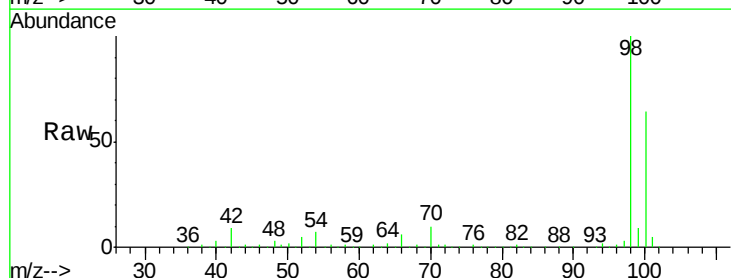
Acq: 6 Aug 2019 14:44

Tgt Ion: 98 Resp: 849560

Ion Ratio Lower Upper

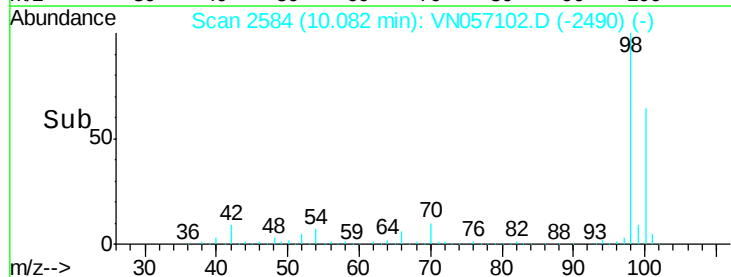
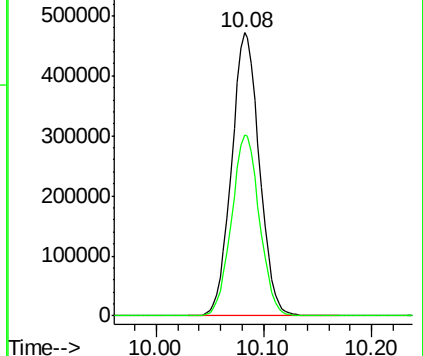
98 100

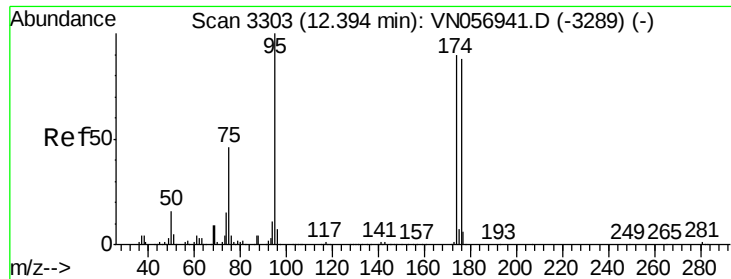
100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN057102.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN057102.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 44.426 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.01 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

2S-H1-(0-1)

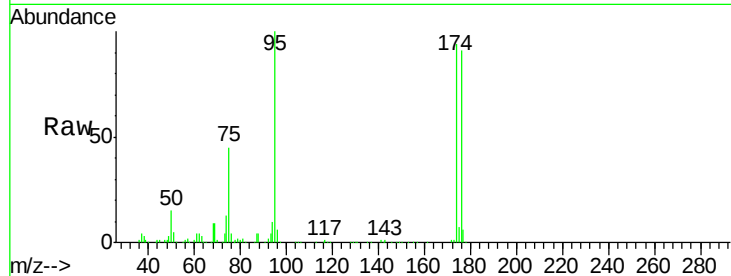
Tot Ion: 95 Resp: 253892

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

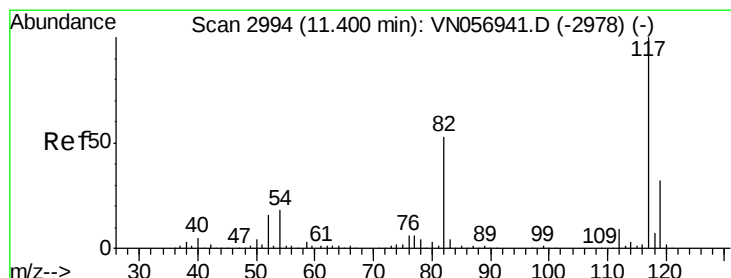
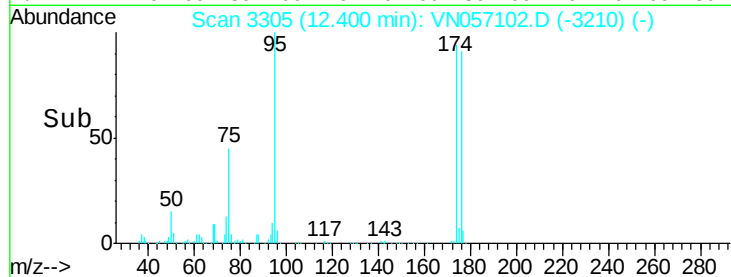
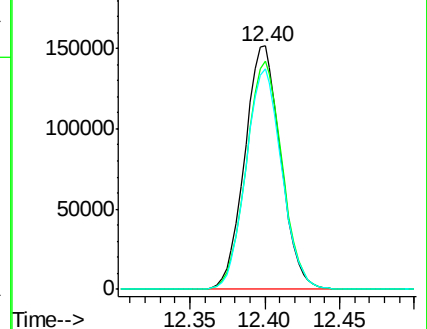
176 90.3 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

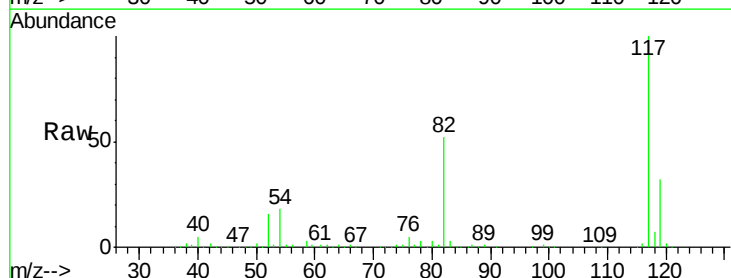
Tgt Ion: 117 Resp: 616517

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

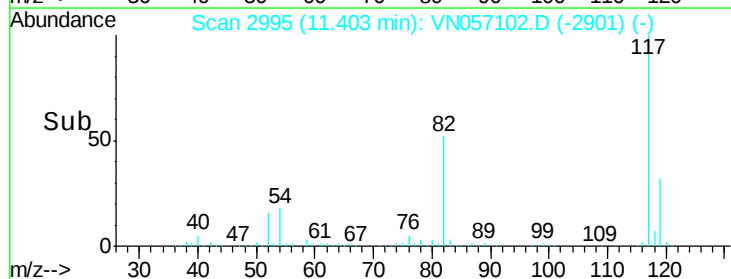
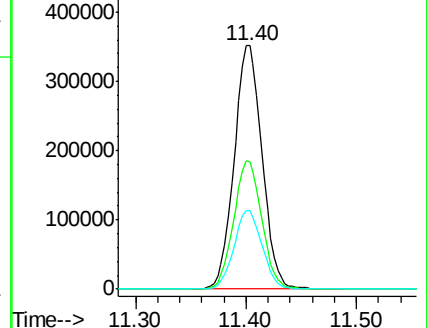
119 32.3 25.8 38.6

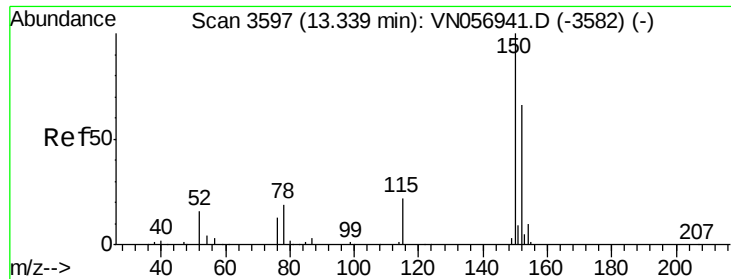


Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057102.D

Acq: 6 Aug 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

2S-H1-(0-1)

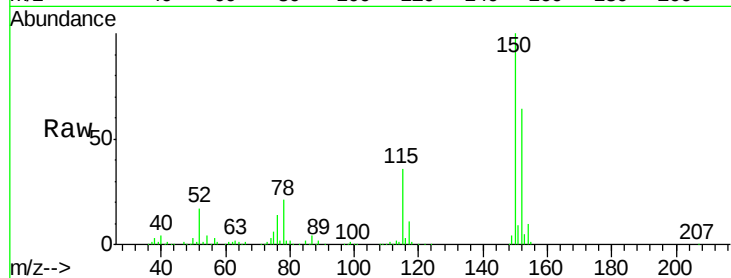
Tot Ion:152 Resp: 208460

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.6

150 153.7 0.0 349.4



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

