

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057403.D
 Acq On : 19 Aug 2019 16:20
 Operator : JC/SP
 Sample : K4350-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-17_081319

Quant Time: Aug 20 08:24:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

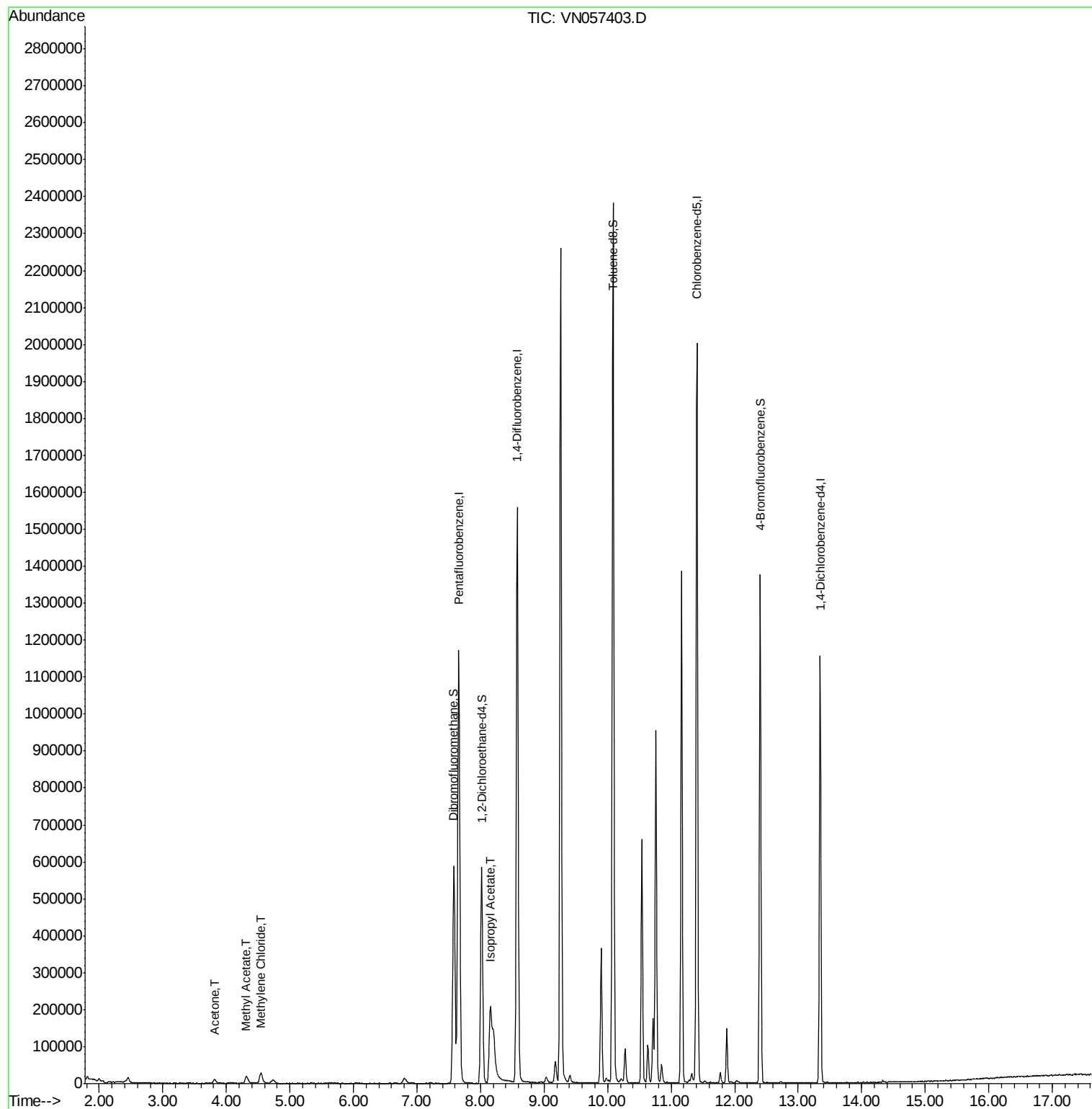
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1080587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1501696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1259925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	345446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	496942	42.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.60%	
35) Dibromofluoromethane	7.58	113	452885	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	10.08	98	1744813	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	465281	36.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.14%	
Target Compounds						
16) Acetone	3.81	43	18301	4.491	ug/l	99
18) Methyl Acetate	4.31	43	37431	1.070	ug/l	97
20) Methylene Chloride	4.54	84	24192	2.122	ug/l #	98
43) Isopropyl Acetate	8.16	43	258066	12.140	ug/l #	78

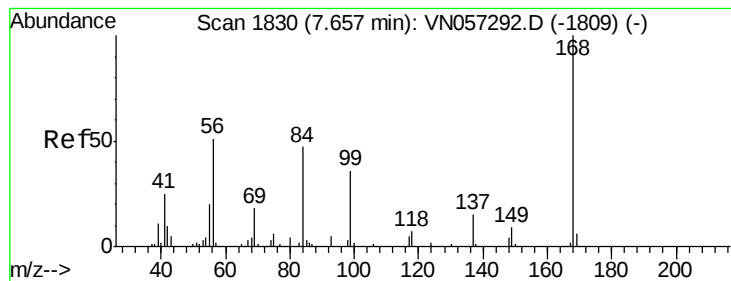
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

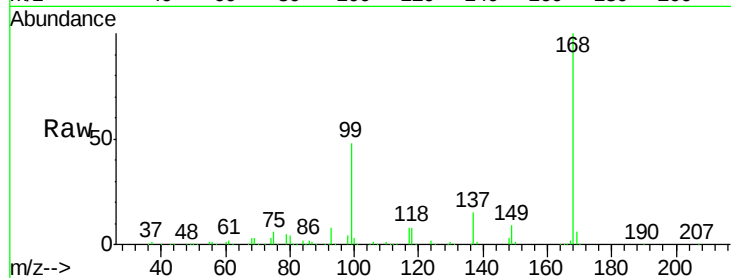
SS-17_081319

Tot Ion:168 Resp: 1080587

Ion Ratio Lower Upper

168 100

99 48.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

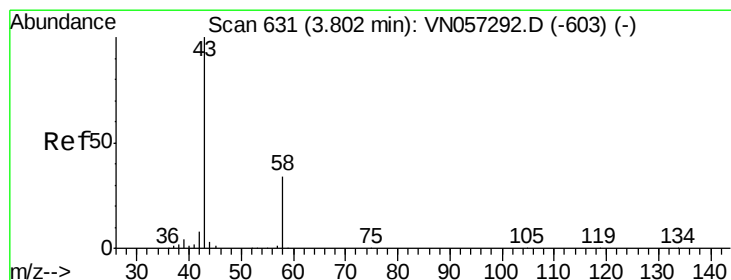
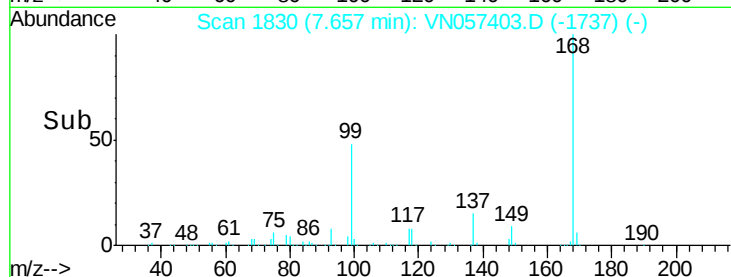
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.491 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057403.D

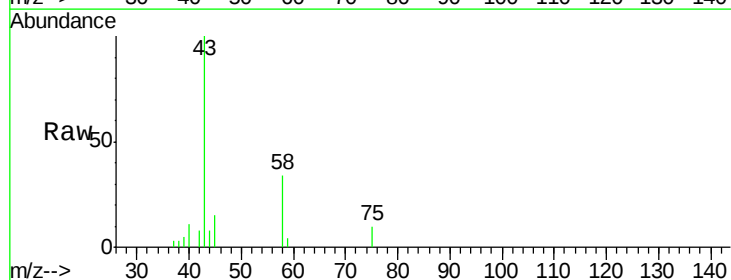
Acq: 19 Aug 2019 16:20

Tgt Ion: 43 Resp: 18301

Ion Ratio Lower Upper

43 100

58 34.2 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

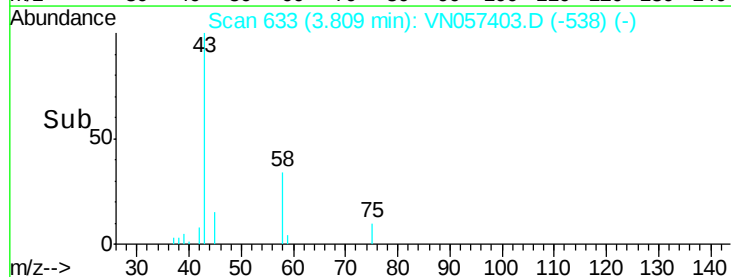
6000

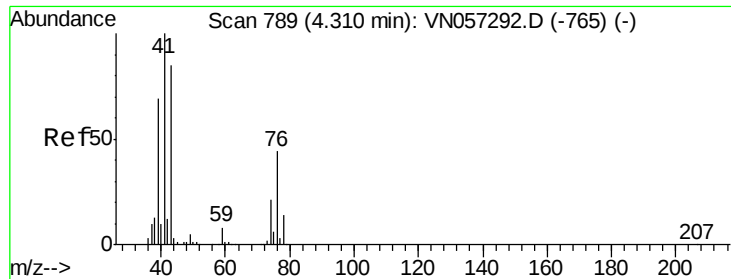
4000

2000

0

Time-->

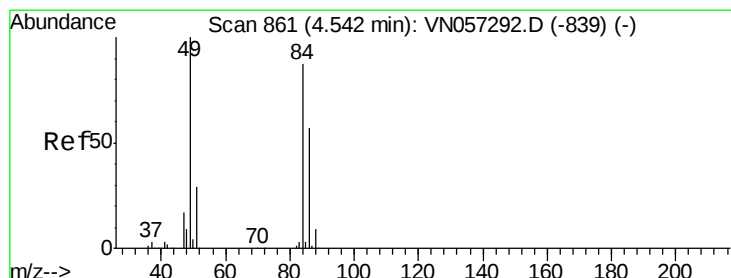
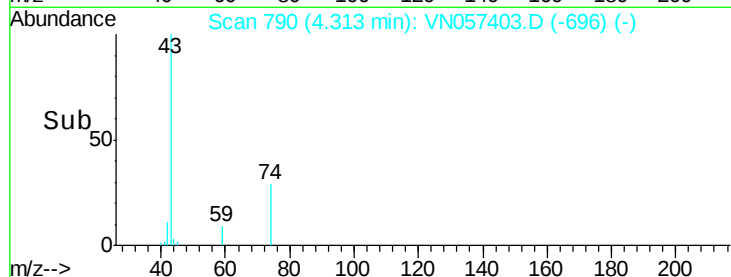
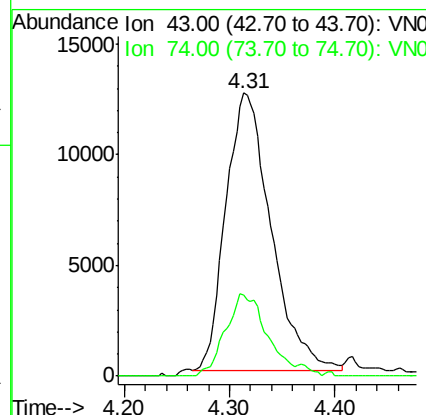
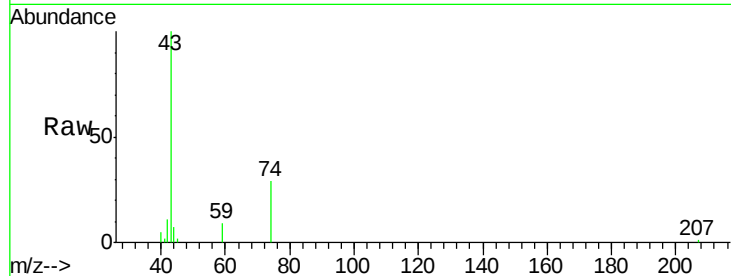




#18
Methyl Acetate
Concen: 1.070 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

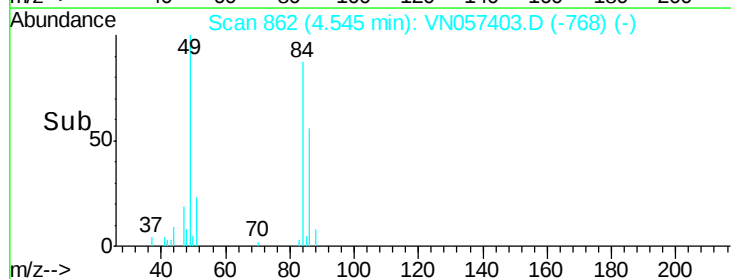
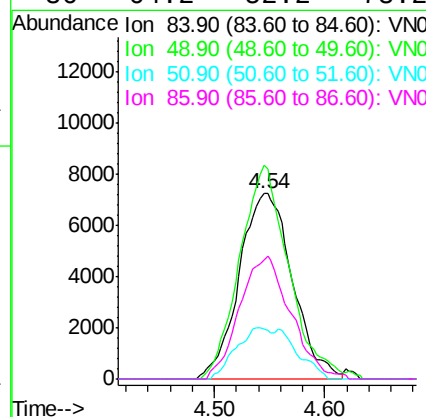
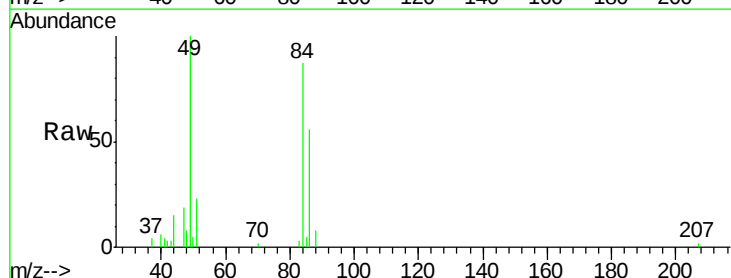
Instrument :
MSVOA_N
ClientSampled :
SS-17_081319

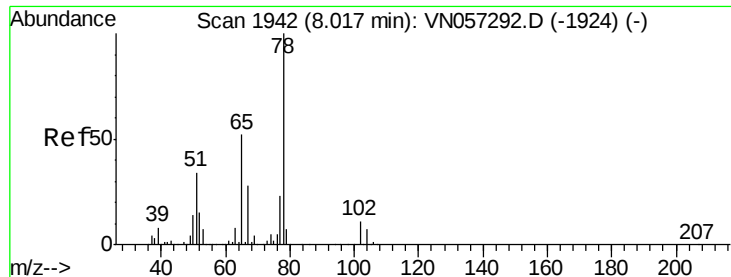
Tot Ion: 43 Resp: 37431
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.2



#20
Methylene Chloride
Concen: 2.122 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Tgt Ion: 84 Resp: 24192
Ion Ratio Lower Upper
84 100
49 115.2 92.0 138.0
51 26.9 27.1 40.7#
86 64.2 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 42.303 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

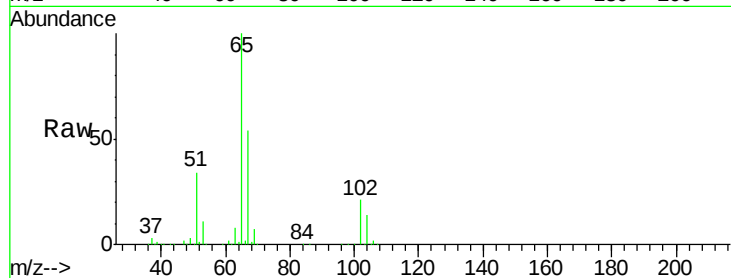
SS-17_081319

Tot Ion: 65 Resp: 496942

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057292.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN057292.D (-1924) (-)

8.02

250000

200000

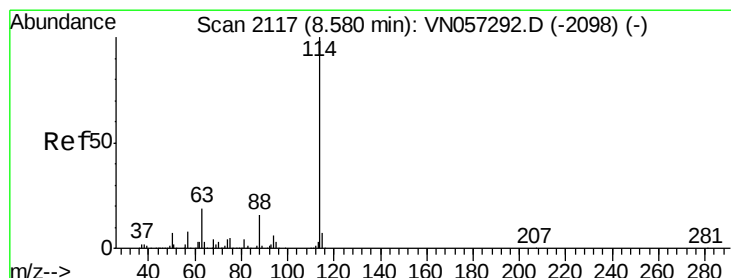
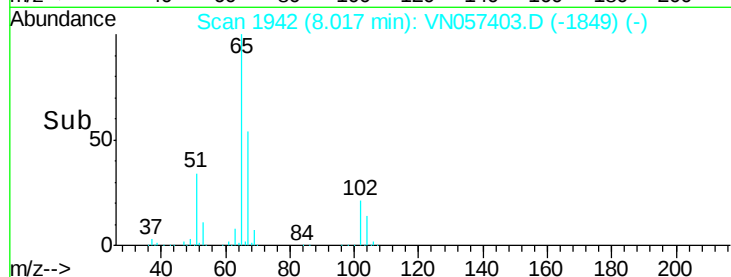
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

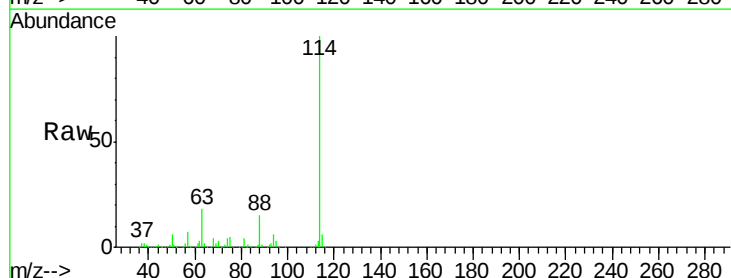
Tgt Ion: 114 Resp: 1501696

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.8

88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057292.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057292.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057292.D (-2098) (-)

8.58

1000000

800000

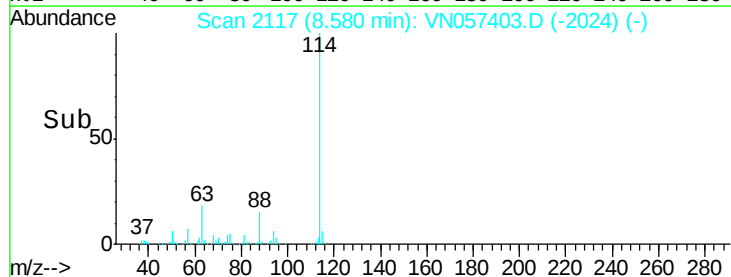
600000

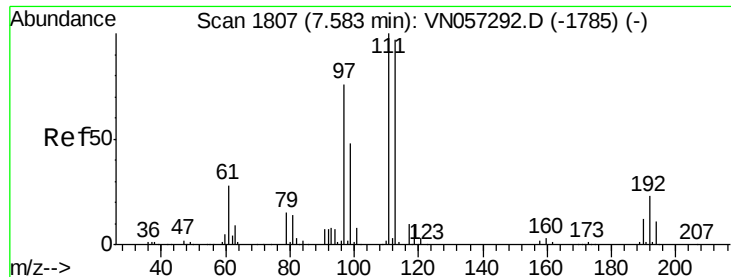
400000

200000

0

Time--> 8.50 8.60 8.70

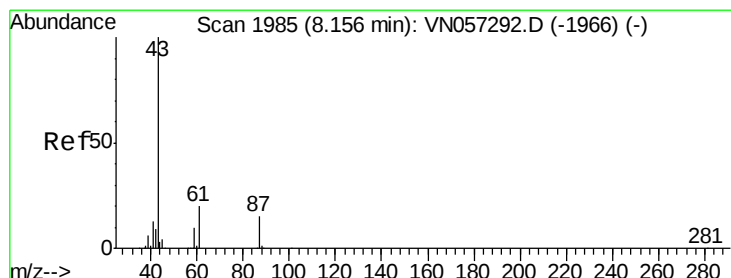
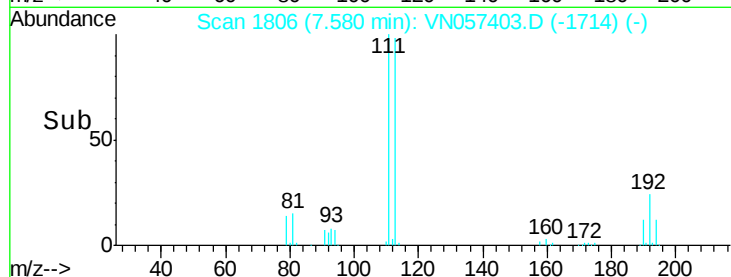
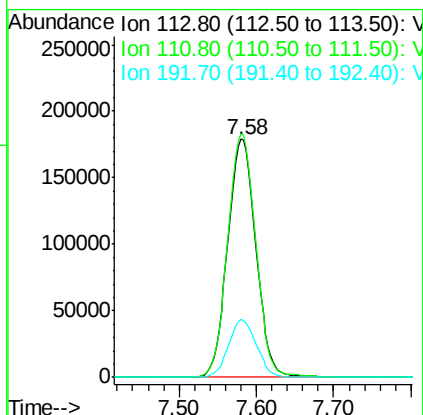
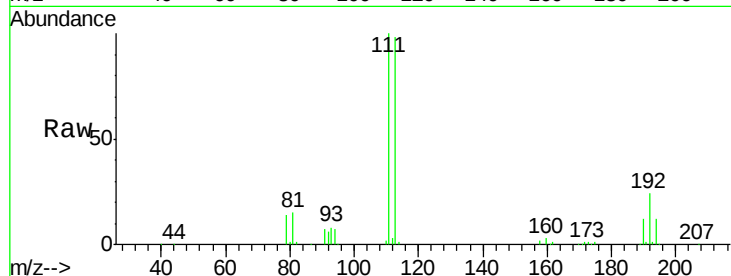




#35
 Dibromofluoromethane
 Concen: 46.007 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057403.D
 Acq: 19 Aug 2019 16:20

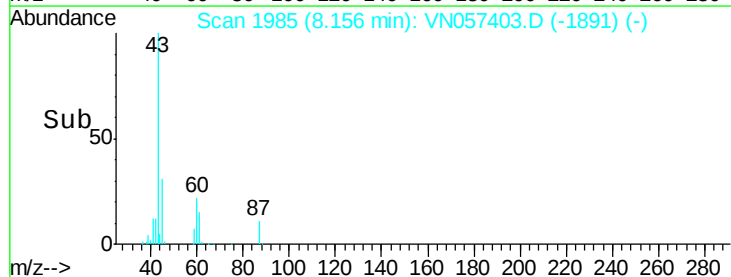
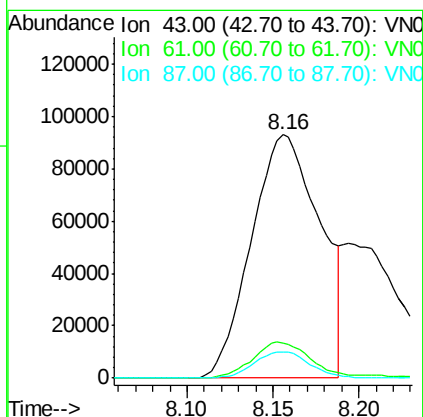
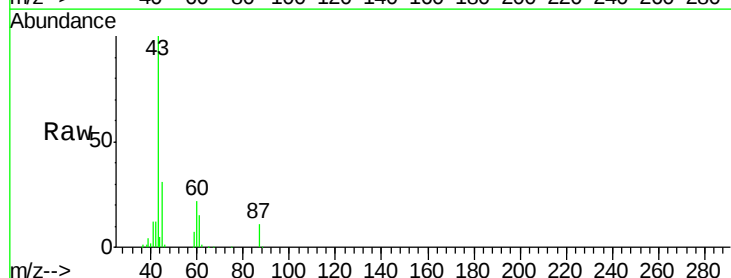
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-17_081319

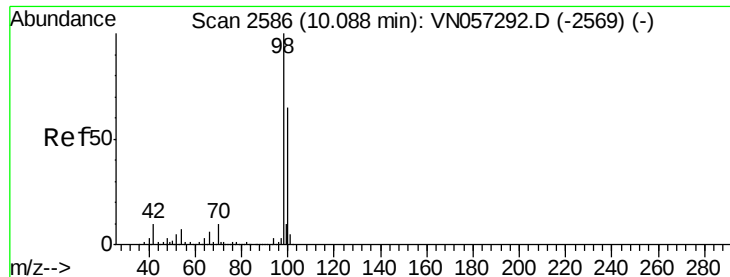
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	23.9	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 12.140 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057403.D
 Acq: 19 Aug 2019 16:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	21.6	32.4#
87	8.7	11.4	17.0#





#50

Toluene-d8

Concen: 48.461 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

Instrument :

MSVOA_N

ClientSampleId :

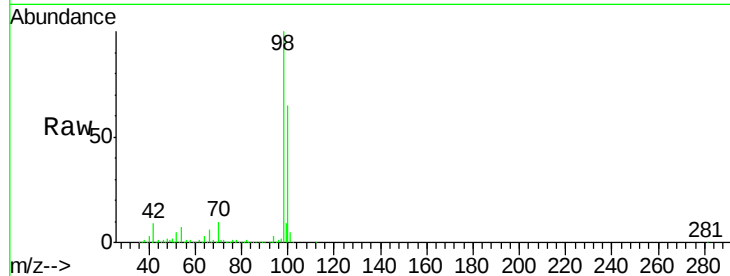
SS-17_081319

Tot Ion: 98 Resp: 1744813

Ion Ratio Lower Upper

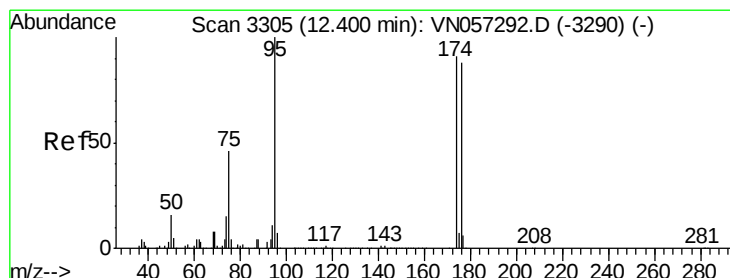
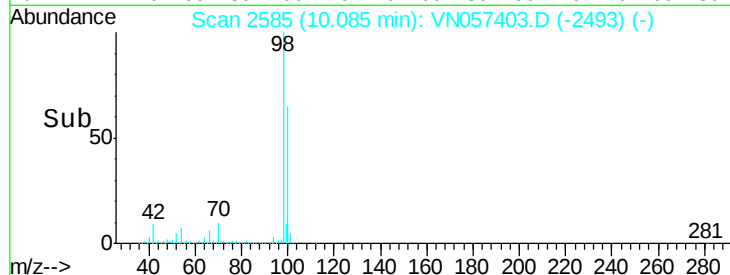
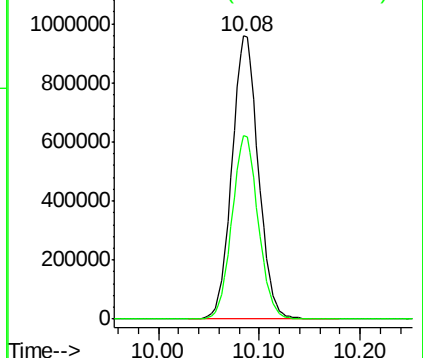
98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 36.568 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057403.D

Acq: 19 Aug 2019 16:20

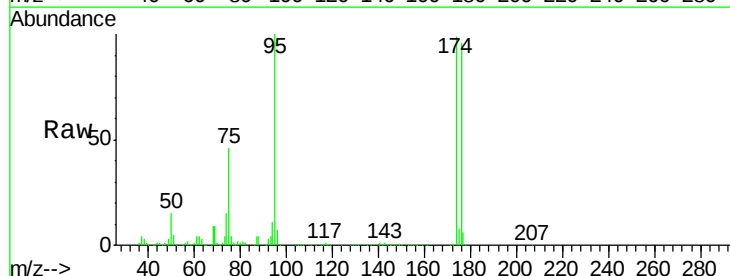
Tgt Ion: 95 Resp: 465281

Ion Ratio Lower Upper

95 100

174 98.1 0.0 185.0

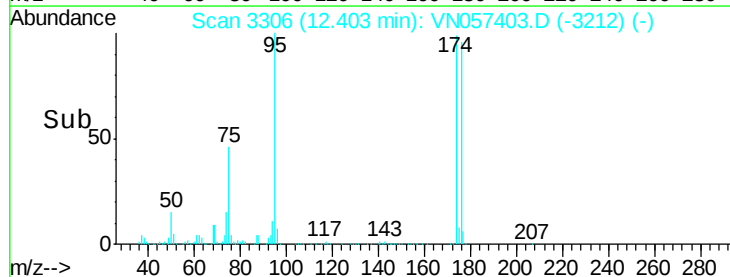
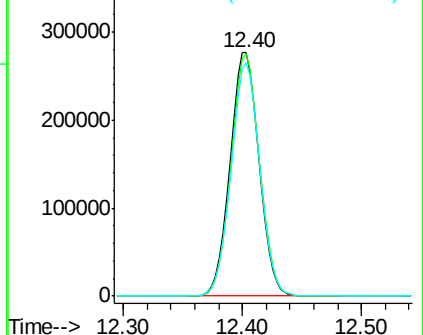
176 95.3 0.0 181.0

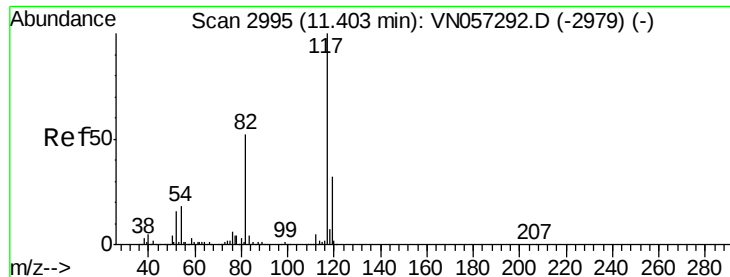


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

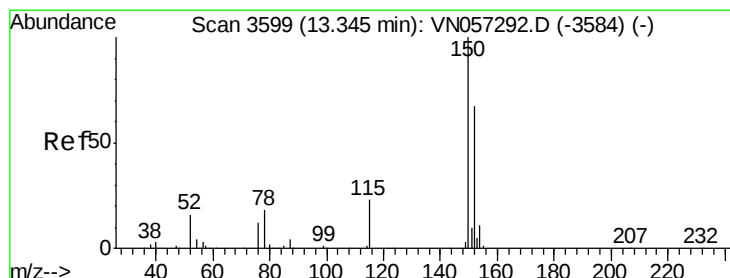
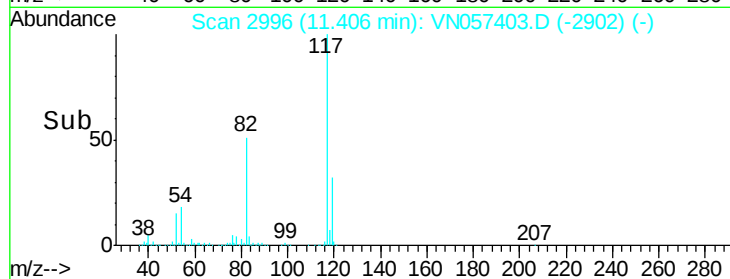
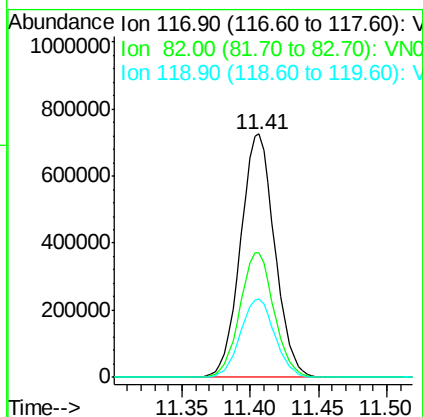
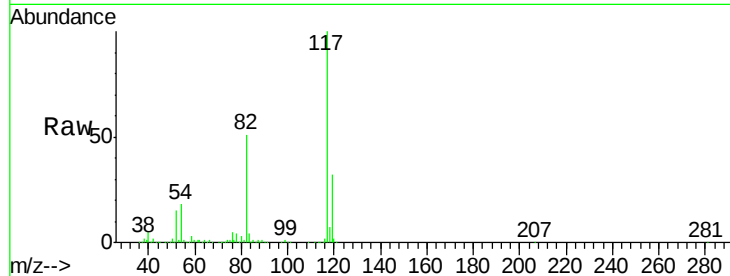




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Instrument :
MSVOA_N
ClientSampleId :
SS-17_081319

Tot Ion:117 Resp: 1259925
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057403.D
Acq: 19 Aug 2019 16:20

Tgt Ion:152 Resp: 345446
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 155.0 0.0 344.4

