

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058366.D
 Acq On : 25 Sep 2019 14:49
 Operator : JC/SP
 Sample : K4657-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-092419

Quant Time: Sep 26 03:49:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	461582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	771444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	664505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275522	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	338187	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
35) Dibromofluoromethane	7.58	113	239843	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	10.08	98	969345	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.41	95	316808	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	

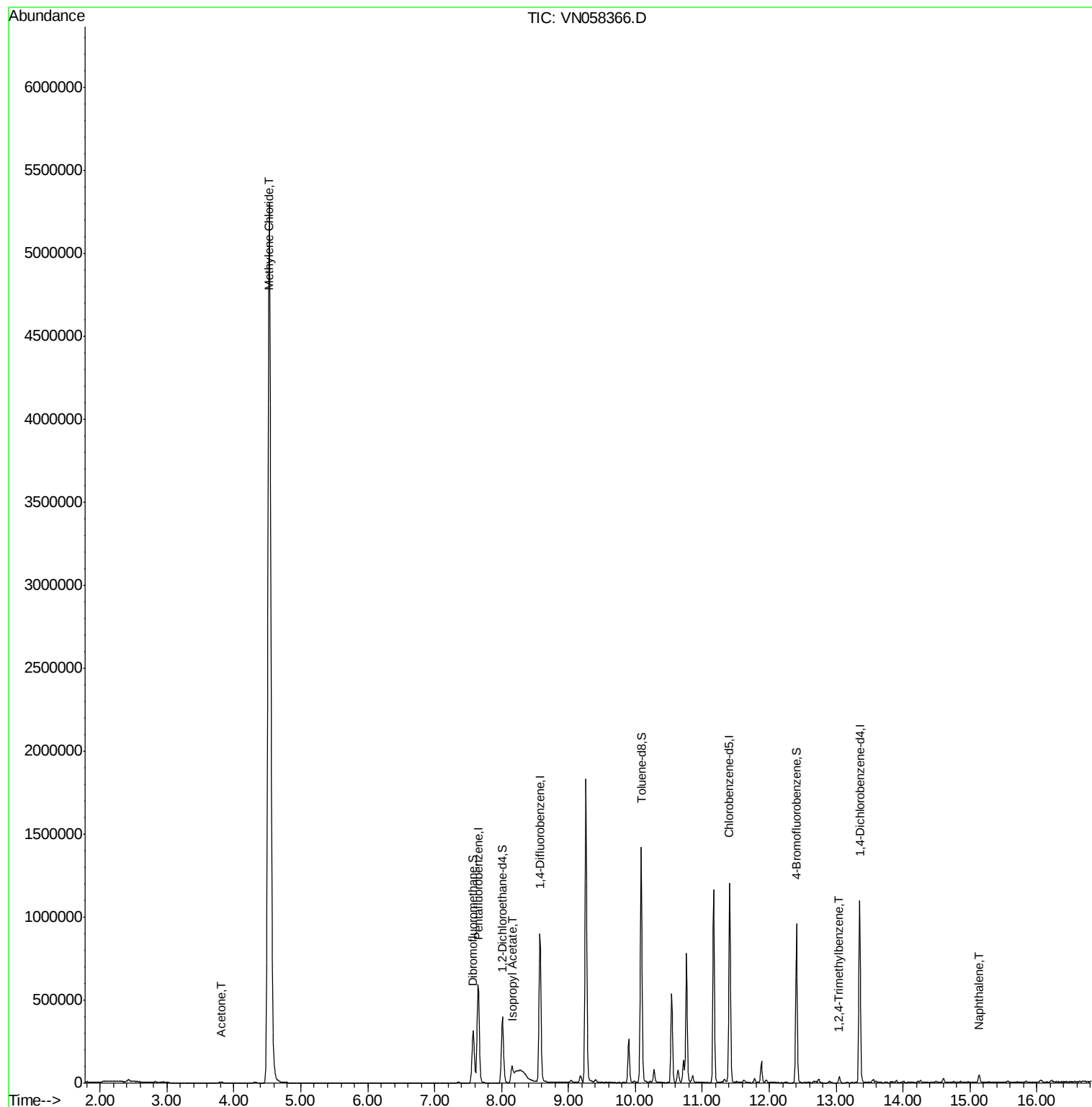
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.81	43	11142	5.106	ug/l	98
20) Methylene Chloride	4.53	84	4004891	1052.670	ug/l	95
43) Isopropyl Acetate	8.16	43	145431	13.488	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.05	105	19058	1.313	ug/l	99
95) Naphthalene	15.14	128	39948	3.035	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

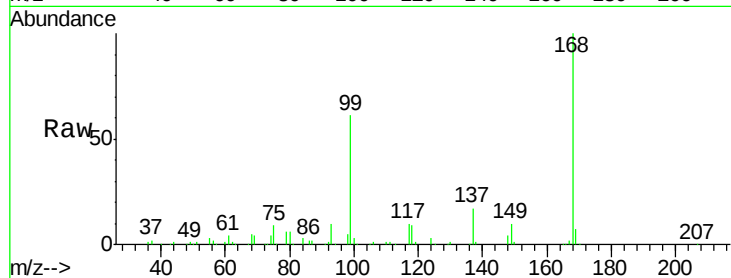
BU-03-092419

Tot Ion:168 Resp: 461582

Ion Ratio Lower Upper

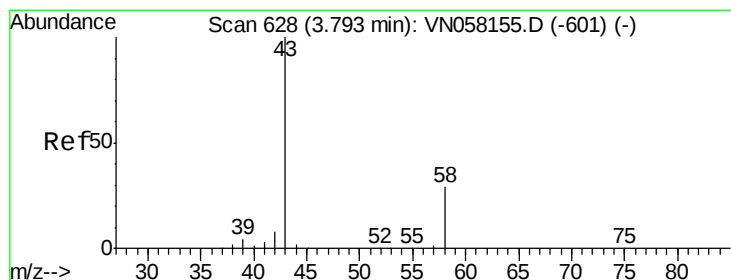
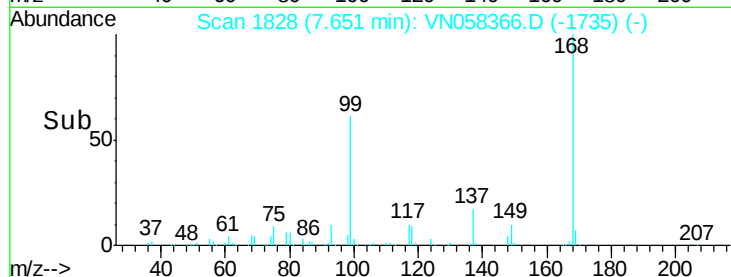
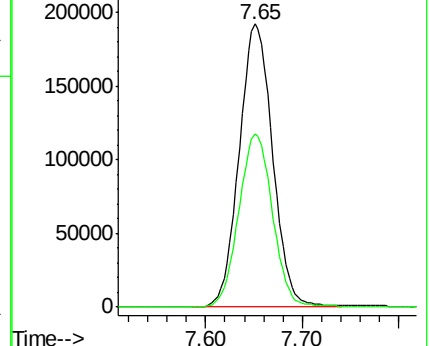
168 100

99 61.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.106 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.02 min

Lab File: VN058366.D

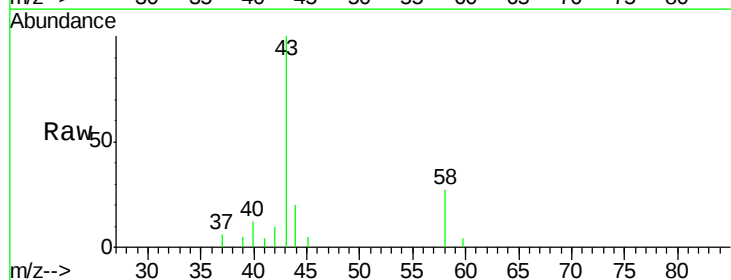
Acq: 25 Sep 2019 14:49

Tgt Ion: 43 Resp: 11142

Ion Ratio Lower Upper

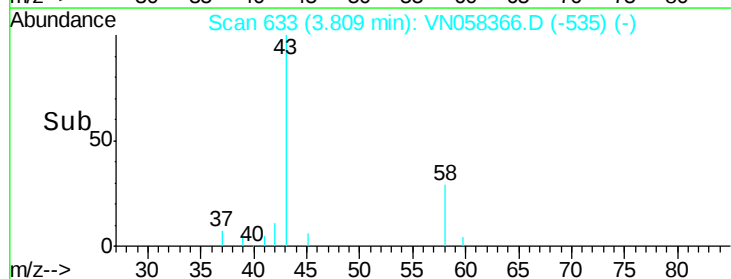
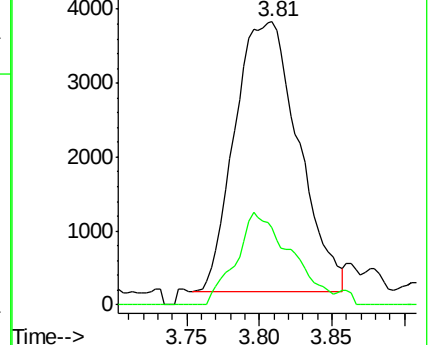
43 100

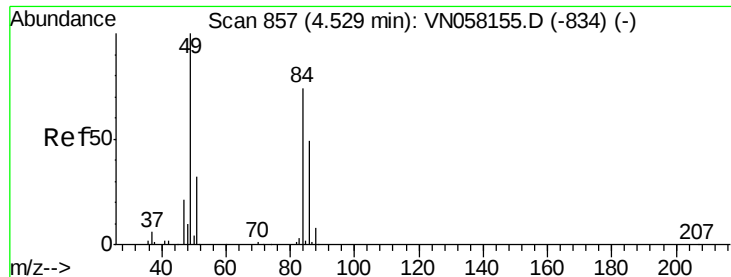
58 28.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



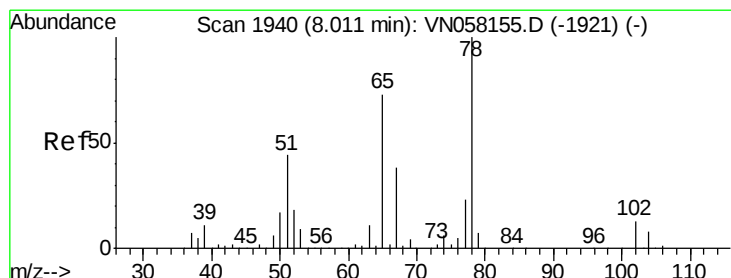
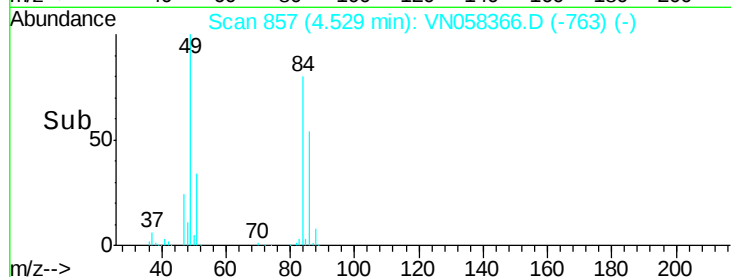
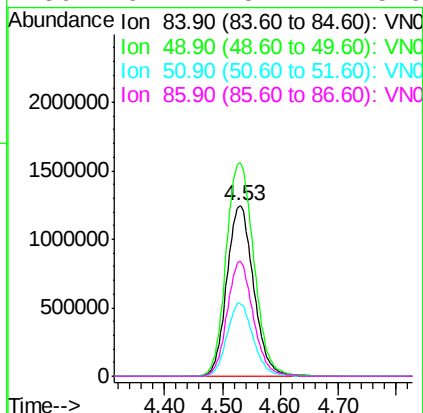
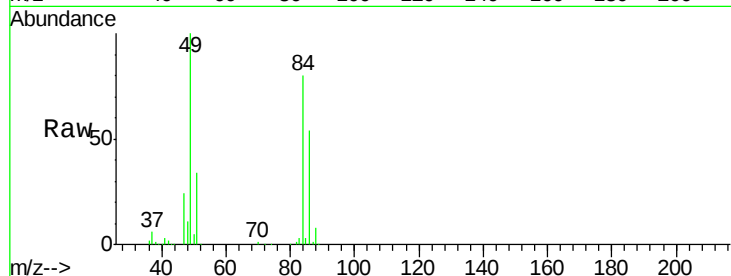


#20
Methvlene Chloride
Concen: 1052.670 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Instrument :
MSVOA_N
ClientSampleId :
BU-03-092419

Tot Ion: 84 Resp: 4004891

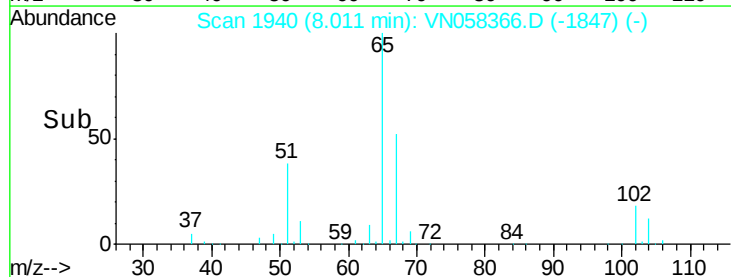
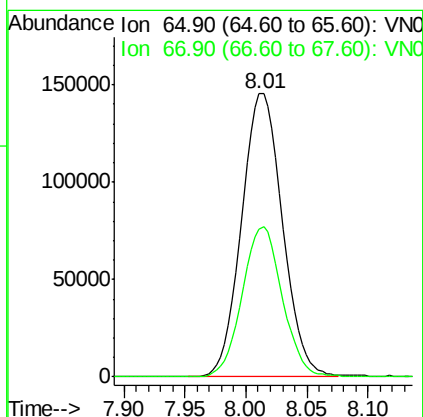
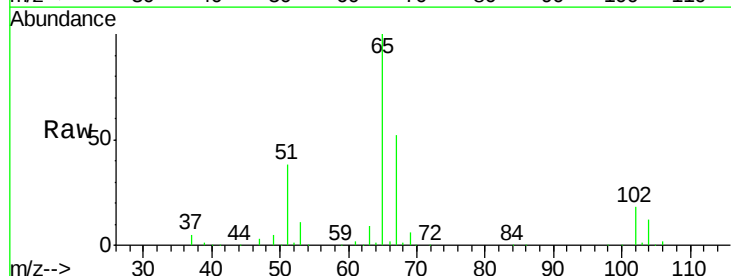
Ion	Ratio	Lower	Upper
84	100		
49	125.1	107.5	161.3
51	42.9	33.9	50.9
86	67.1	52.4	78.6

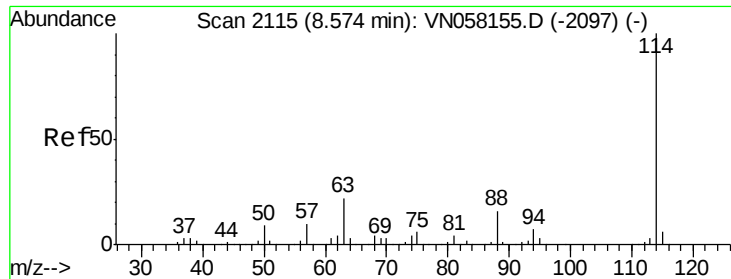


#33
1,2-Dichloroethane-d4
Concen: 52.604 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion: 65 Resp: 338187

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.4

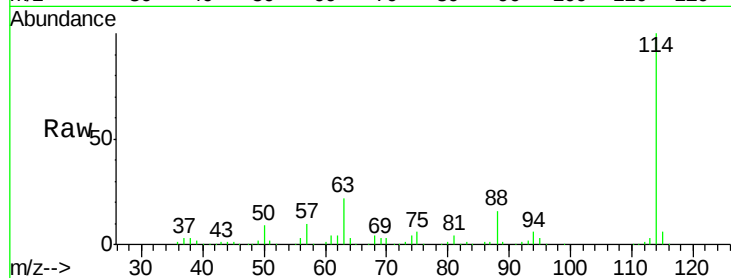




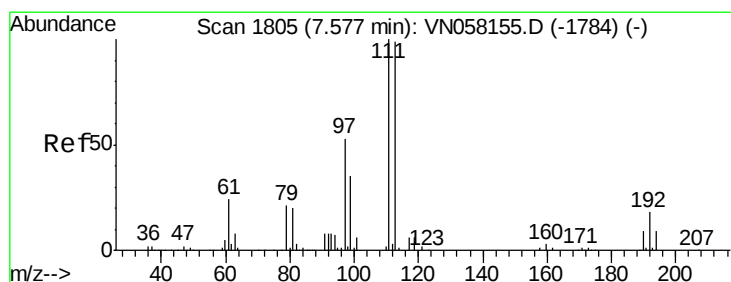
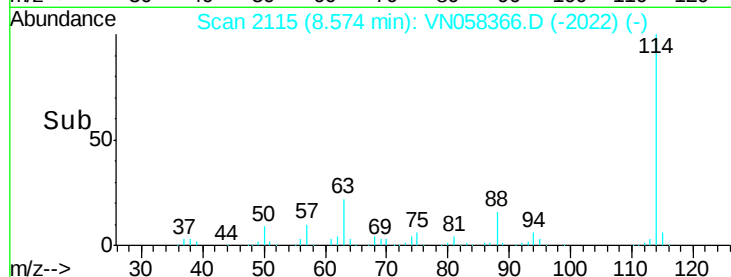
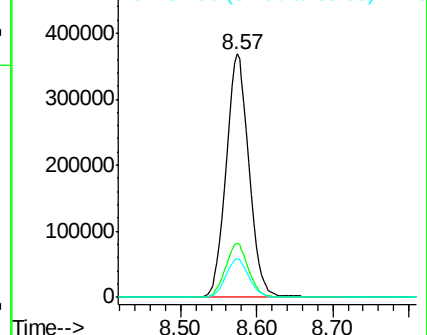
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-092419

Tot Ion:114 Resp: 771444
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.2
 88 15.8 0.0 31.6

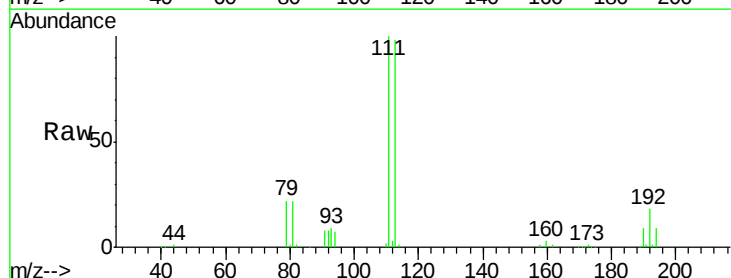


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

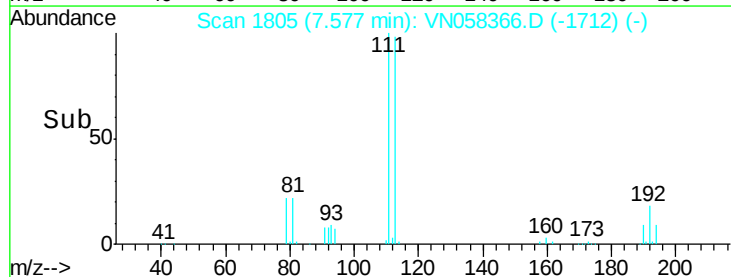
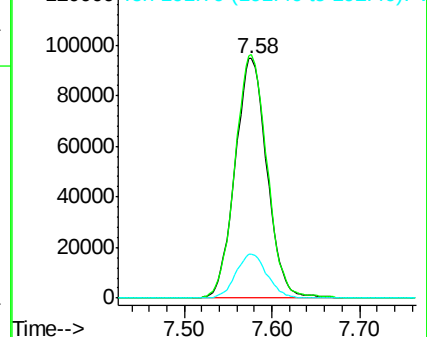


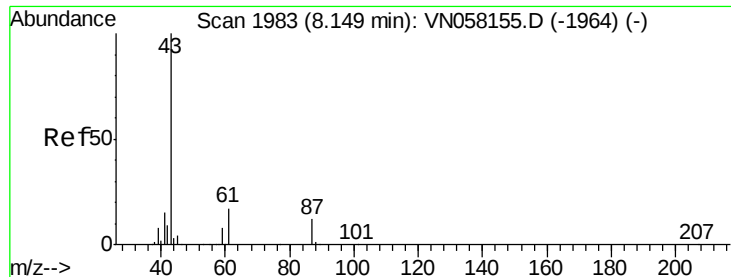
#35
 Dibromofluoromethane
 Concen: 51.142 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

Tgt Ion:113 Resp: 239843
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 17.9 14.5 21.7



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: 13.488 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

BU-03-092419

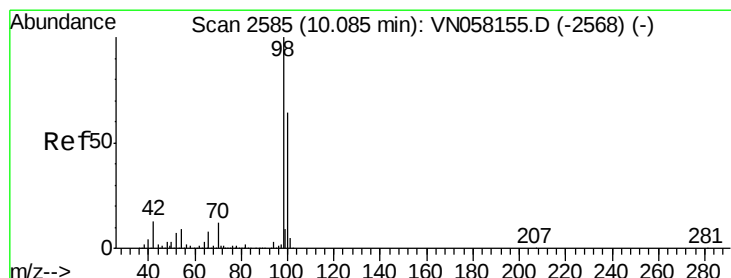
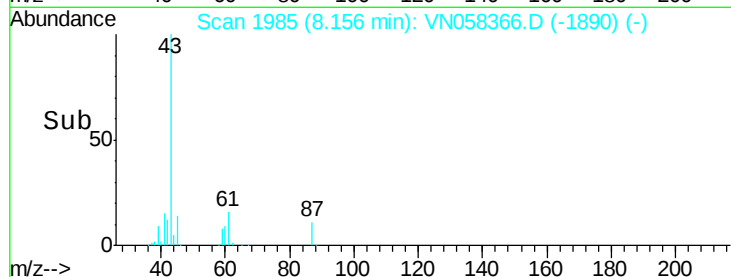
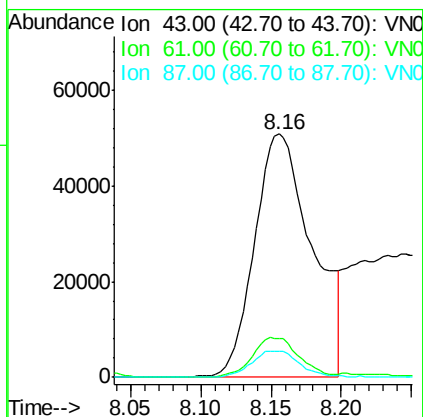
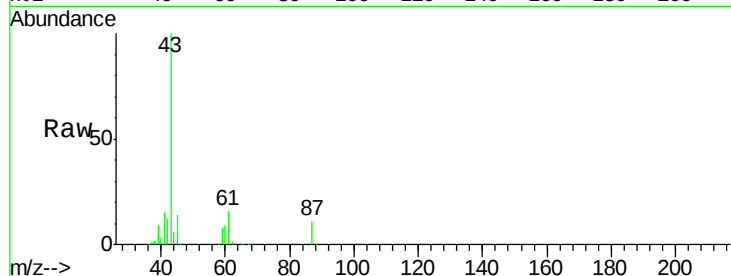
Tot Ion: 43 Resp: 145431

Ion Ratio Lower Upper

43 100

61 13.3 19.7 29.5#

87 9.1 9.4 14.2#



#50

Toluene-d8

Concen: 53.050 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058366.D

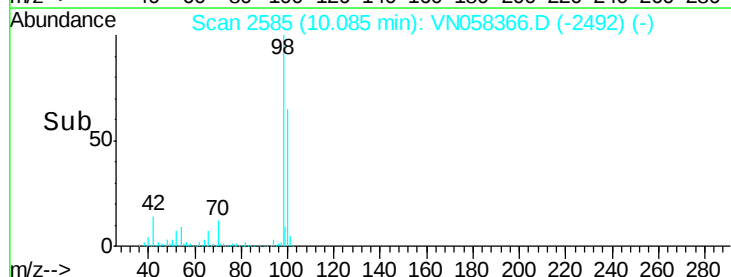
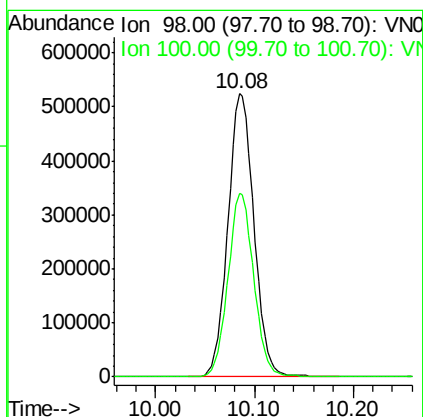
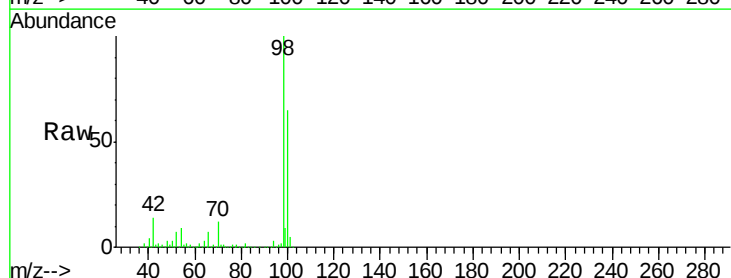
Acq: 25 Sep 2019 14:49

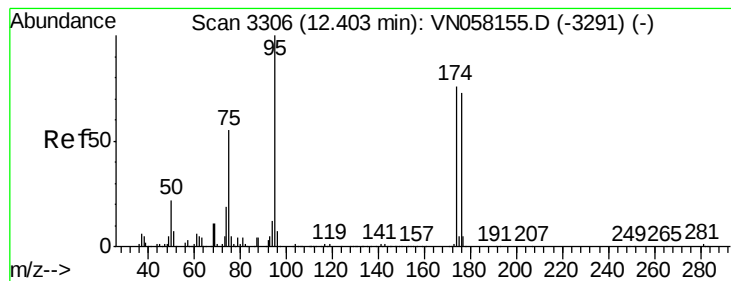
Tgt Ion: 98 Resp: 969345

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 46.676 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampled :

BU-03-092419

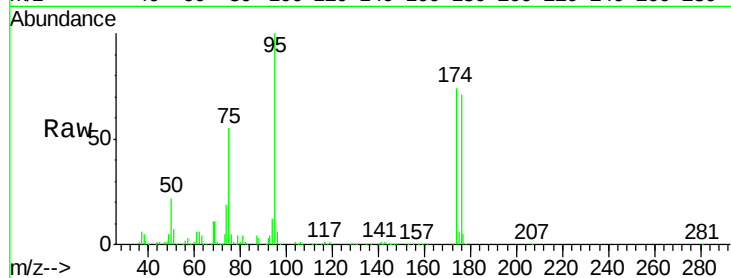
Tot Ion: 95 Resp: 316808

Ion Ratio Lower Upper

95 100

174 75.1 0.0 152.2

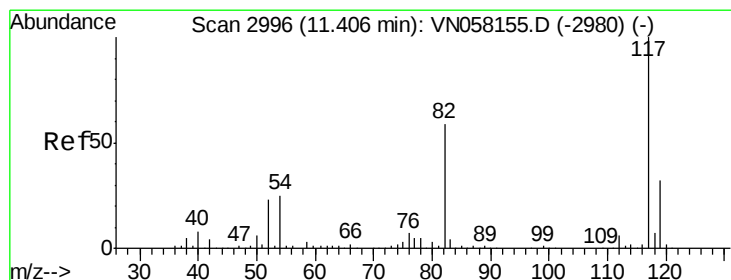
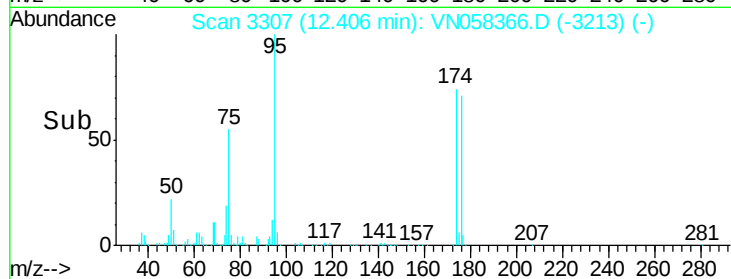
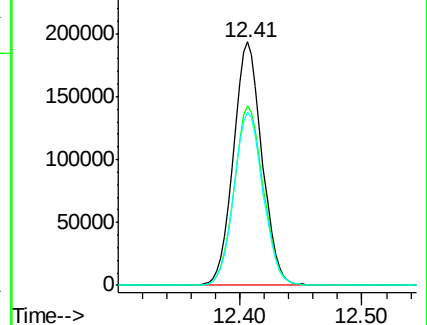
176 72.4 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

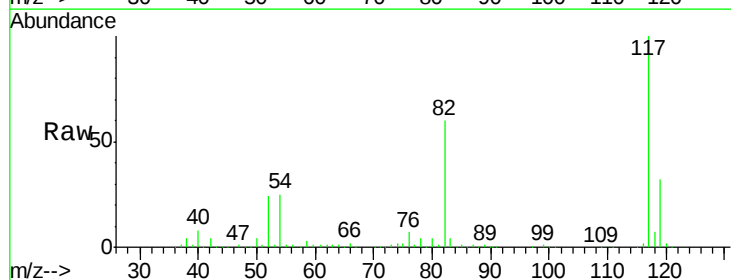
Tgt Ion: 117 Resp: 664505

Ion Ratio Lower Upper

117 100

82 60.0 46.9 70.3

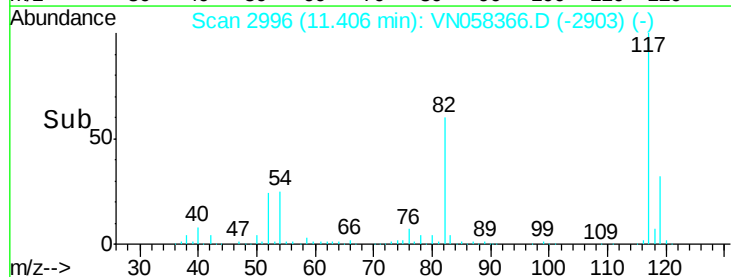
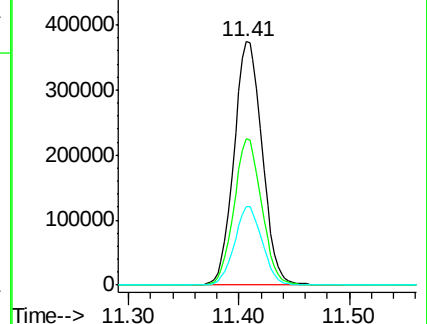
119 32.0 25.3 37.9

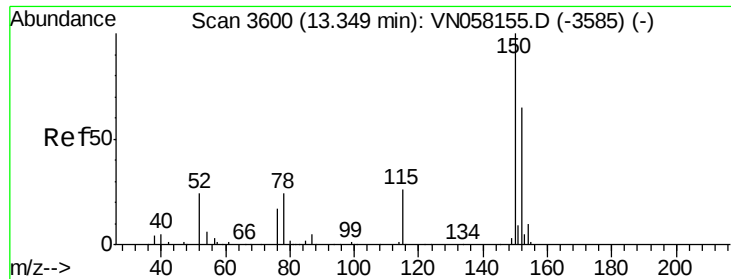


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampled :

BU-03-092419

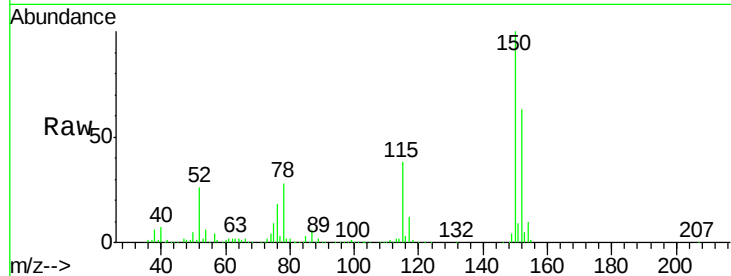
Tot Ion:152 Resp: 275522

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

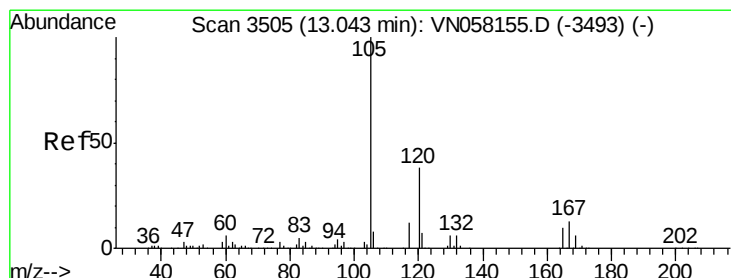
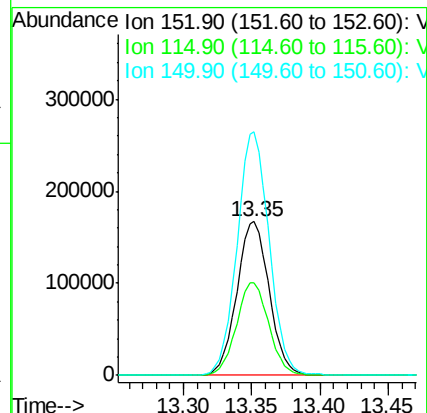
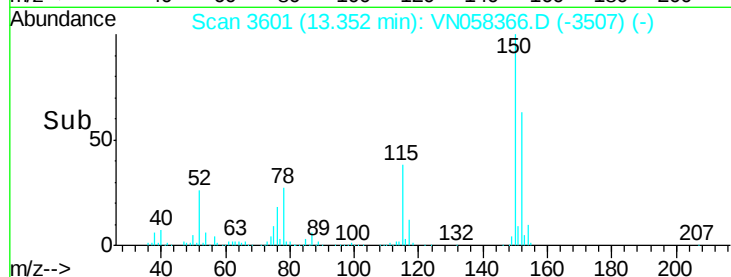
150 157.0 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.313 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058366.D

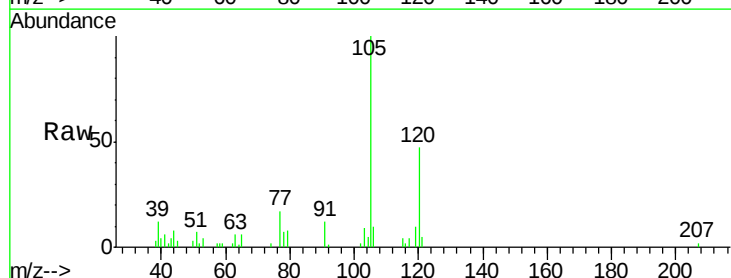
Acq: 25 Sep 2019 14:49

Tgt Ion:105 Resp: 19058

Ion Ratio Lower Upper

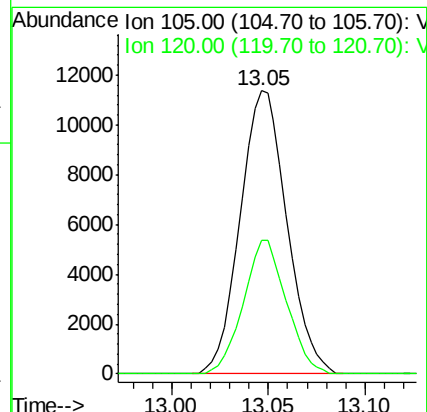
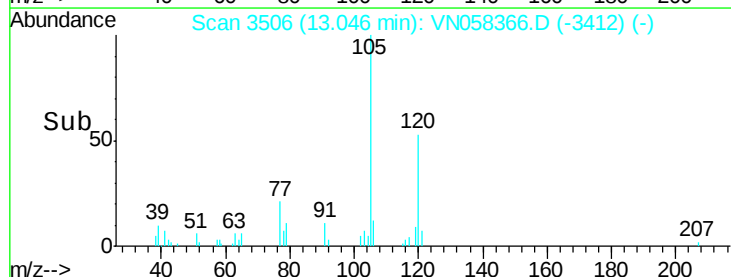
105 100

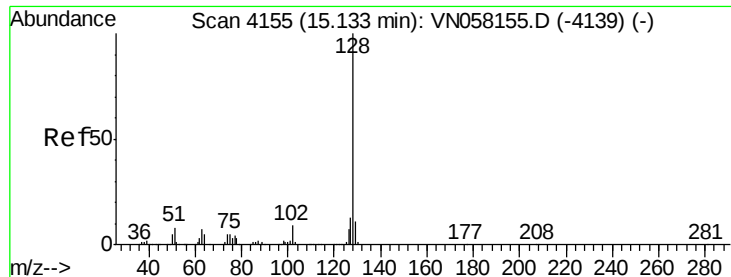
120 43.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

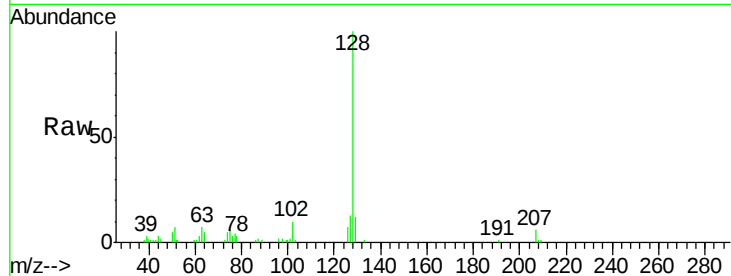




#95
Naphthalene
Concen: 3.035 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Instrument :
MSVOA_N
ClientSampleId :
BU-03-092419

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.4	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

