

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059615.D
 Acq On : 16 Dec 2019 19:57
 Operator : JC/SP
 Sample : K6118-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-121319

Quant Time: Dec 17 06:38:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

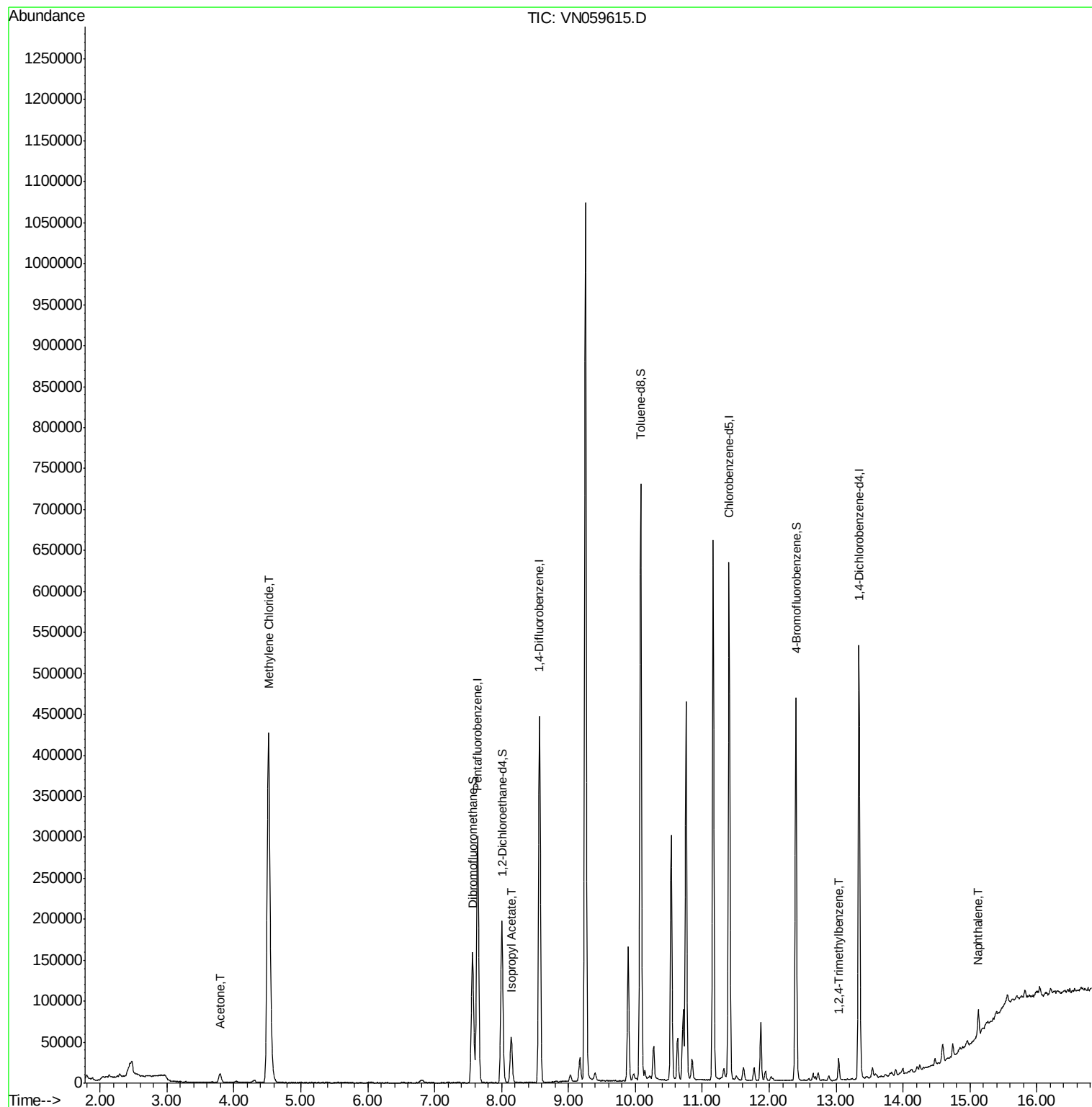
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	234631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	378724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	348073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	171087	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.57	113	120878	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	10.08	98	478717	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	157662	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
Target Compounds						
16) Acetone	3.79	43	18637	9.194	ug/l	100
20) Methylene Chloride	4.52	84	323845	110.620	ug/l	99
43) Isopropyl Acetate	8.14	43	66708	9.347	ug/l #	92
84) 1,2,4-Trimethylbenzene	13.04	105	14190	1.559	ug/l	100
95) Naphthalene	15.12	128	25367	2.727	ug/l	100

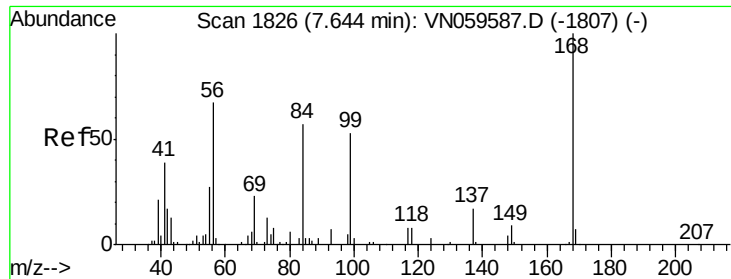
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121619\
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SU-03-121319

Quant Time: Dec 17 06:38:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

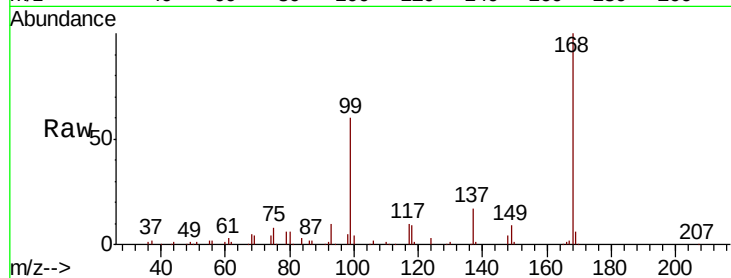
SU-03-121319

Tot Ion:168 Resp: 234631

Ion Ratio Lower Upper

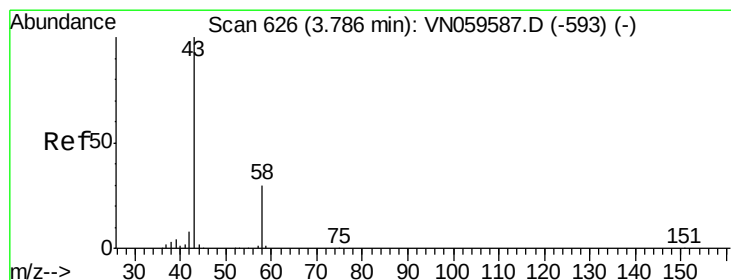
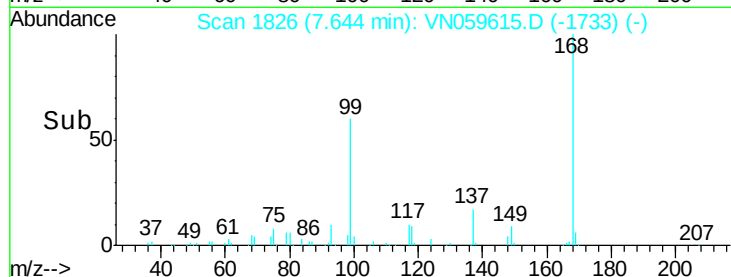
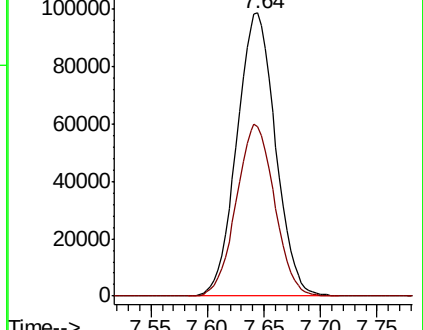
168 100

99 59.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059615.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059615.D (-1733) (-)



#16

Acetone

Concen: 9.194 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059615.D

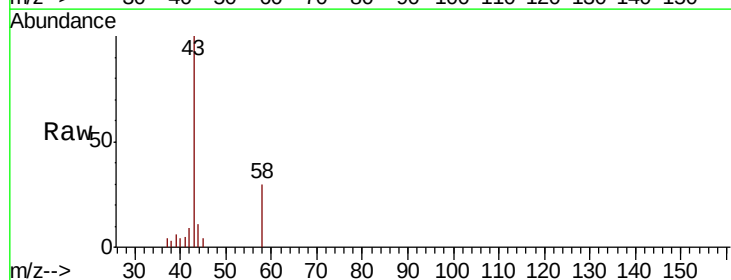
Acq: 16 Dec 2019 19:57

Tgt Ion: 43 Resp: 18637

Ion Ratio Lower Upper

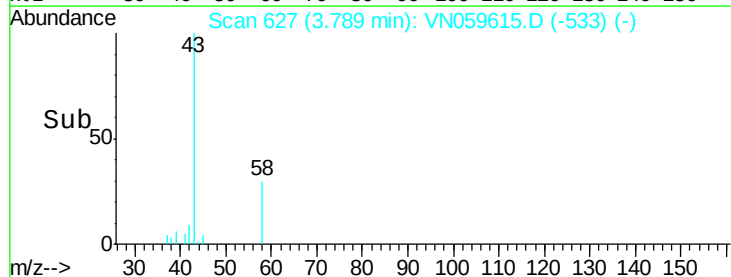
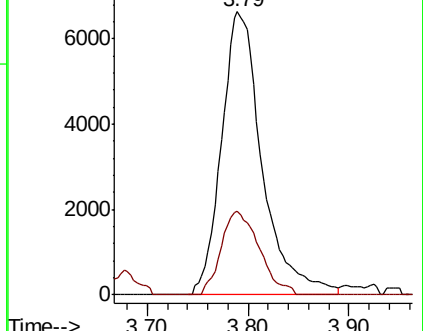
43 100

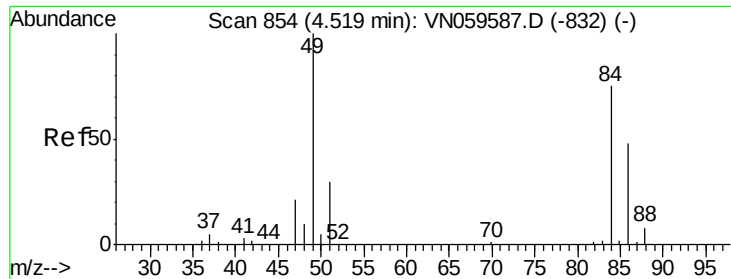
58 29.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059615.D (-533) (-)

Ion 58.00 (57.70 to 58.70): VN059615.D (-533) (-)

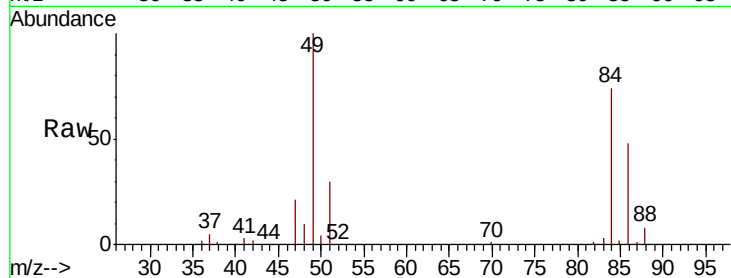




#20
Methylene Chloride
Concen: 110.620 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

Instrument :
MSVOA_N
ClientSampleId :
SU-03-121319

Tot Ion:	84	Resp:	323845
Ion	Ratio	Lower	Upper
84	100		
49	134.7	106.6	160.0
51	40.7	31.9	47.9
86	64.8	50.8	76.2



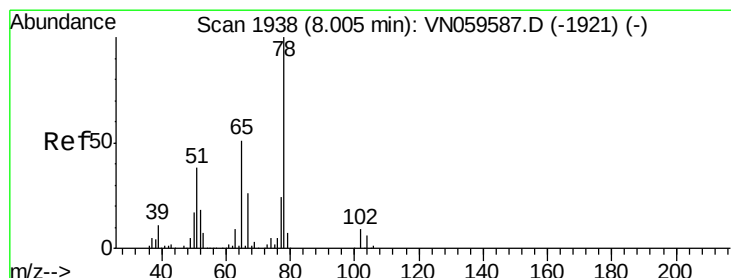
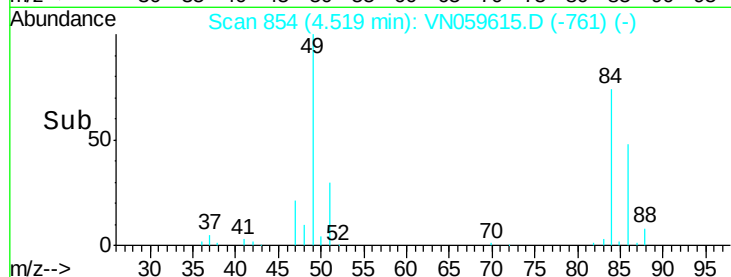
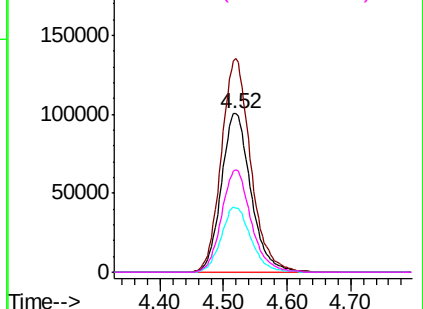
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

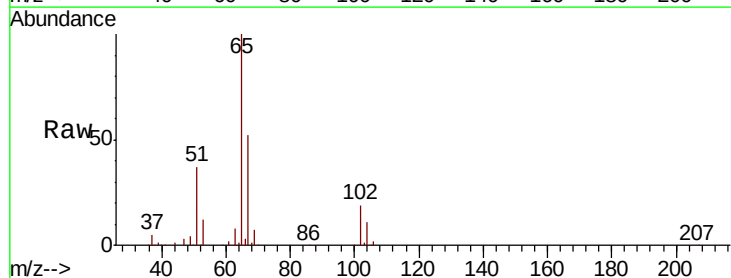
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: 50.110 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059615.D
Acq: 16 Dec 2019 19:57

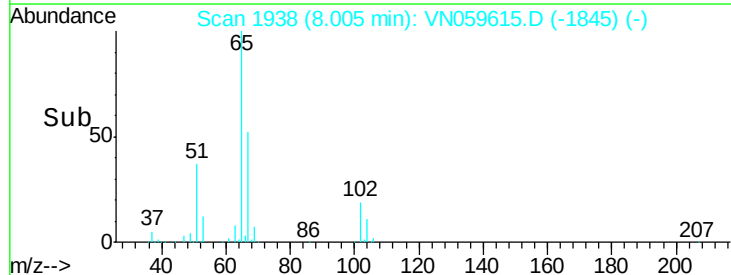
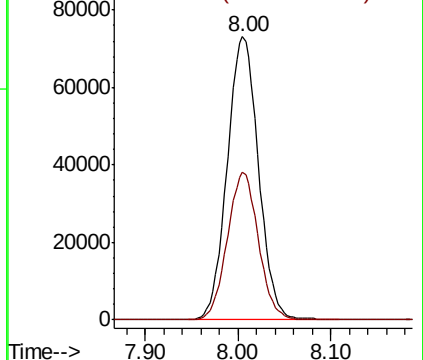
Tgt Ion:	65	Resp:	171087
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0

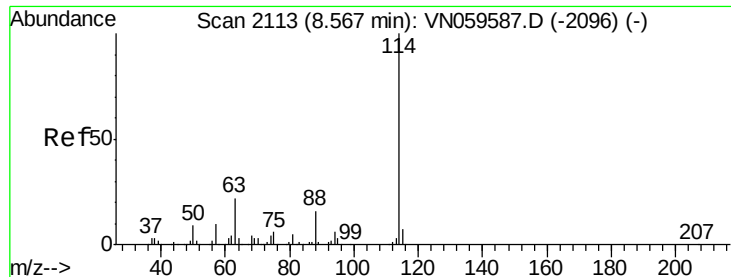


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

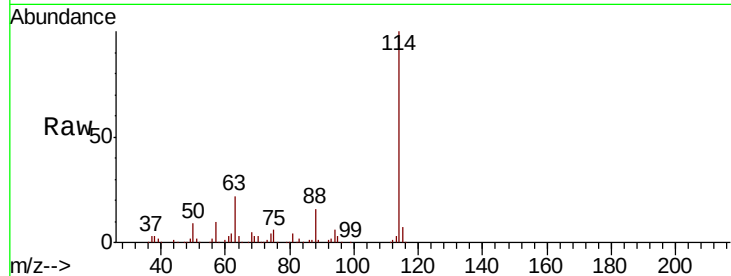




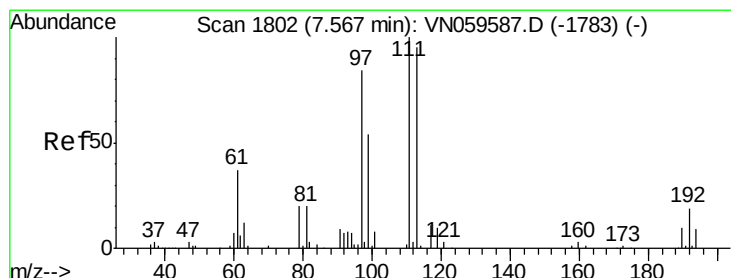
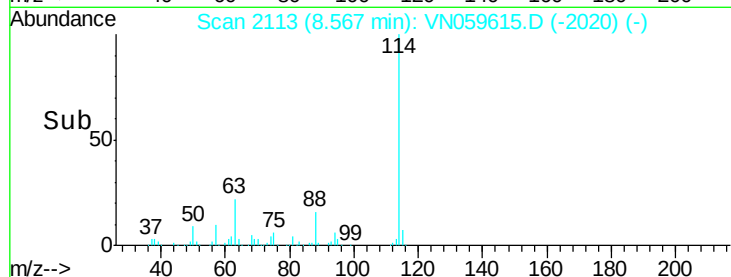
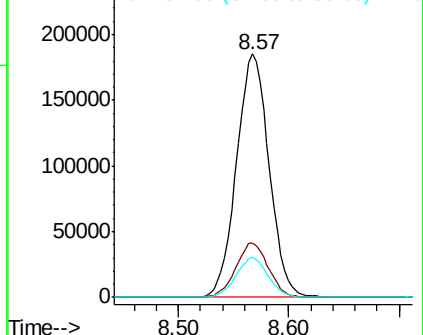
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-121319

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.6
88	16.2	0.0	31.4

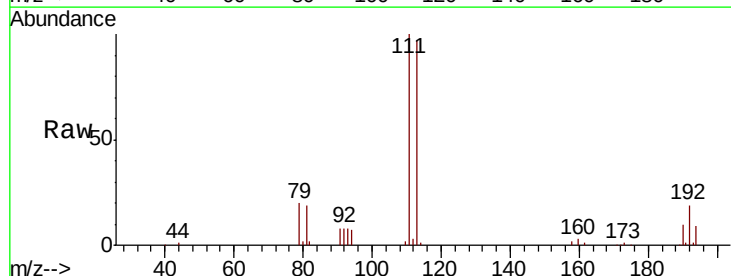


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

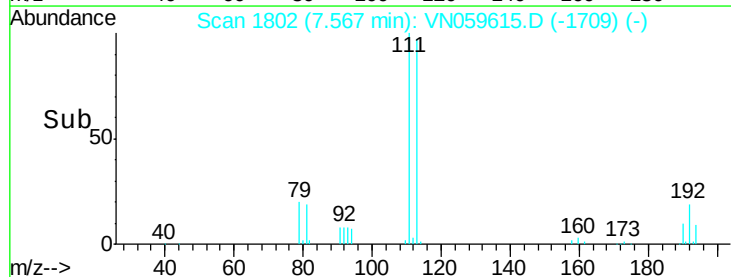
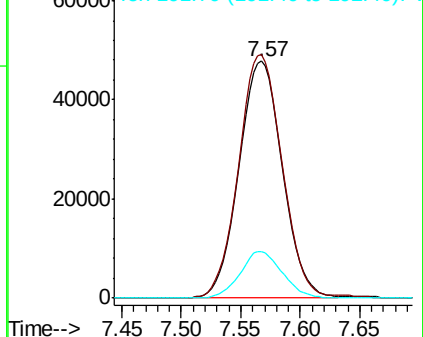


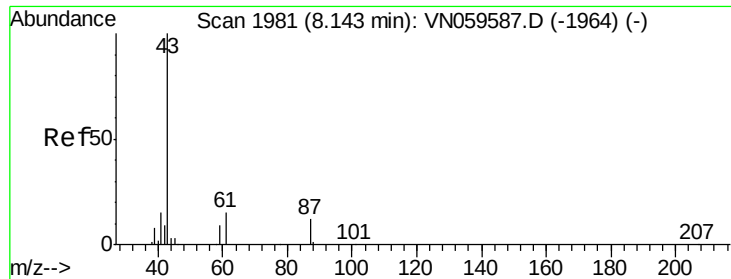
#35
 Dibromofluoromethane
 Concen: 51.011 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059615.D
 Acq: 16 Dec 2019 19:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.5	125.3
192	19.1	15.4	23.2



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: 9.347 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

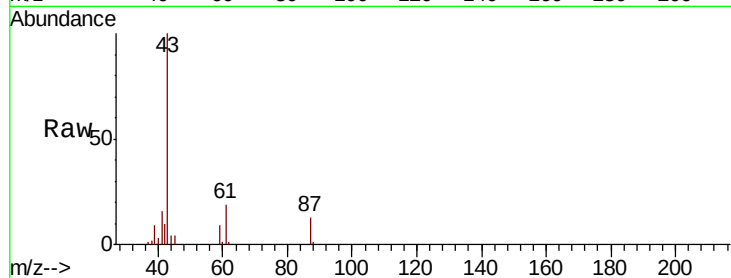
Tot Ion: 43 Resp: 66708

Ion Ratio Lower Upper

43 100

61 19.0 20.2 30.2#

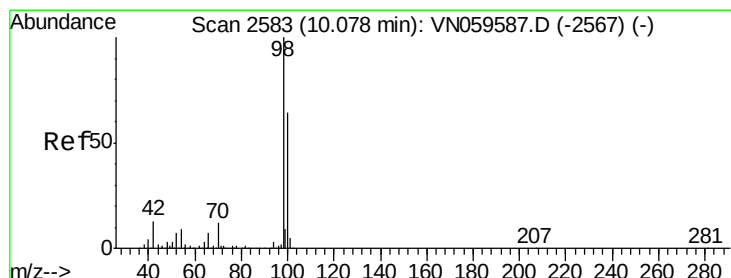
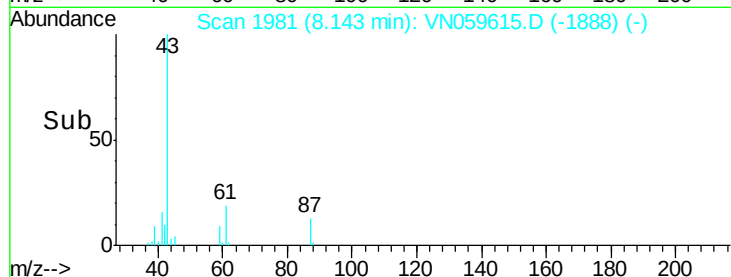
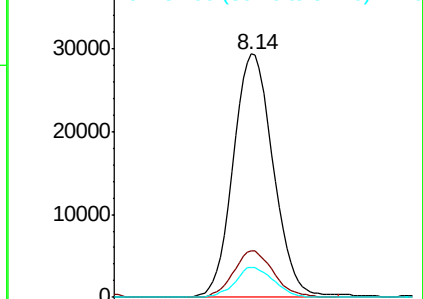
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



#50

Toluene-d8

Concen: 51.027 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059615.D

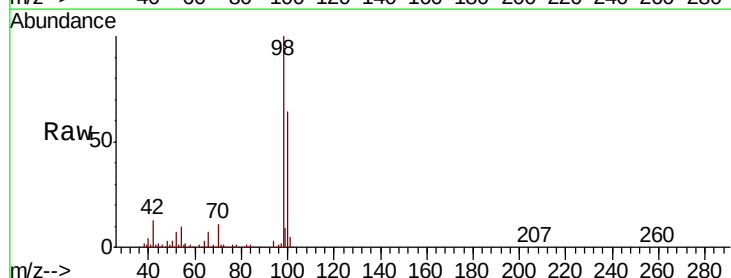
Acq: 16 Dec 2019 19:57

Tgt Ion: 98 Resp: 478717

Ion Ratio Lower Upper

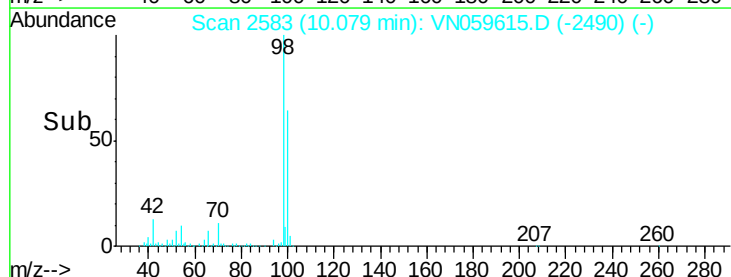
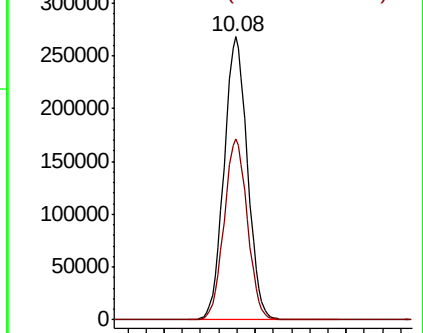
98 100

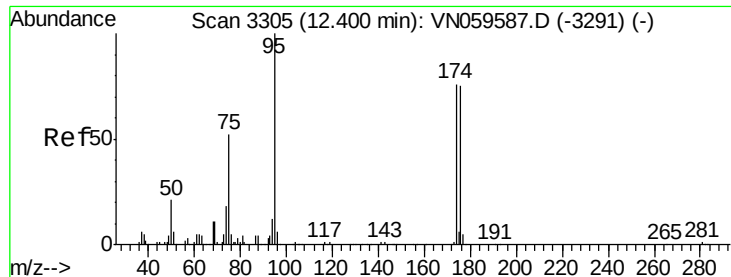
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059587.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 46.056 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

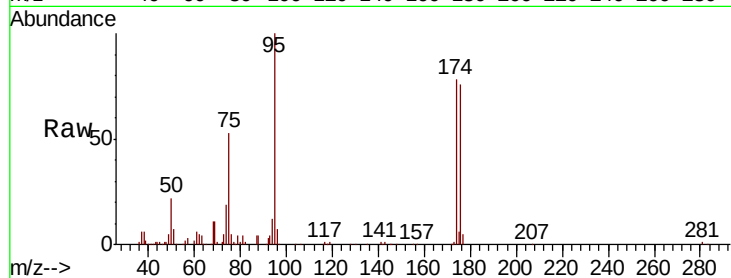
Tot Ion: 95 Resp: 157662

Ion Ratio Lower Upper

95 100

174 76.7 0.0 151.4

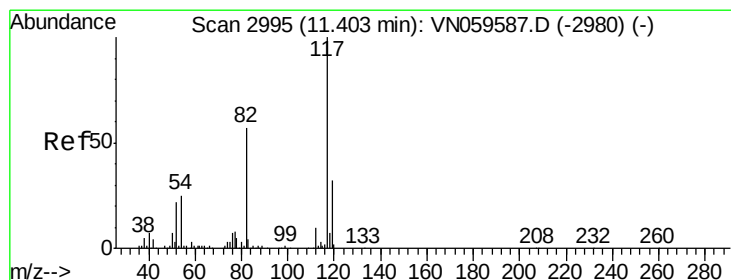
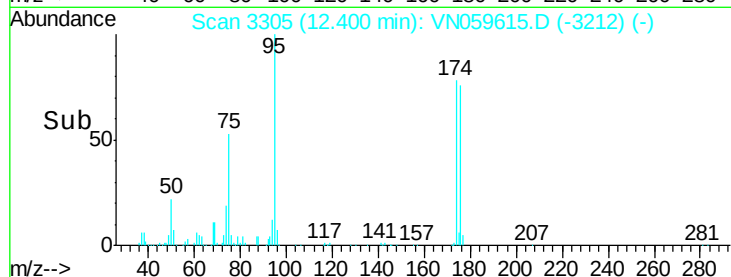
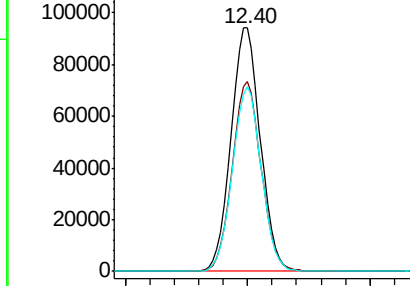
176 74.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059615.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059615.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059615.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

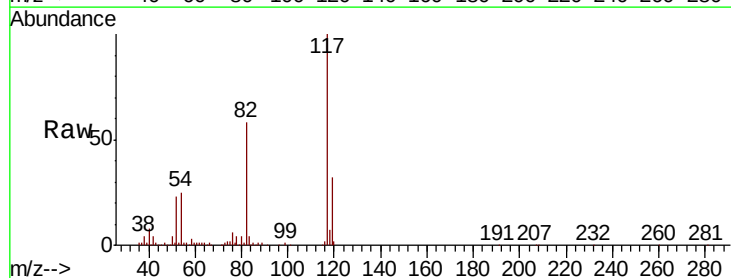
Tgt Ion: 117 Resp: 348073

Ion Ratio Lower Upper

117 100

82 57.8 45.9 68.9

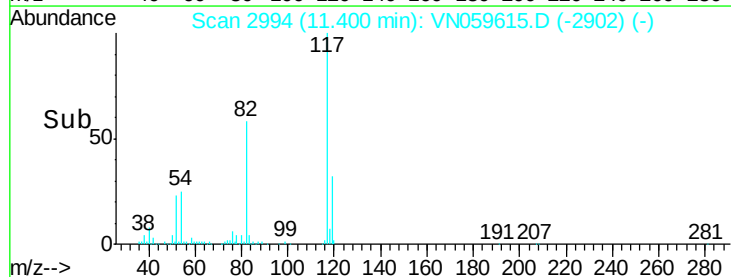
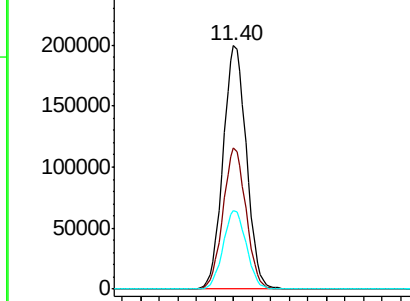
119 32.3 25.5 38.3

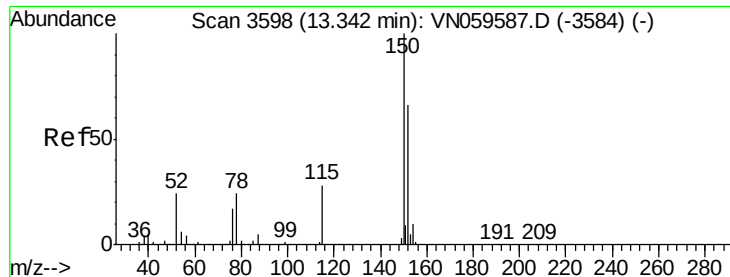


Abundance Ion 116.90 (116.60 to 117.60): VN059615.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059615.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059615.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

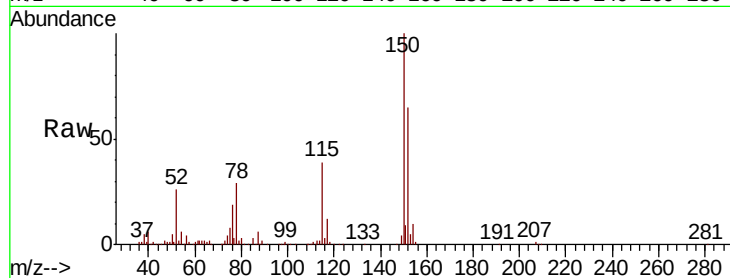
Tot Ion:152 Resp: 137836

Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

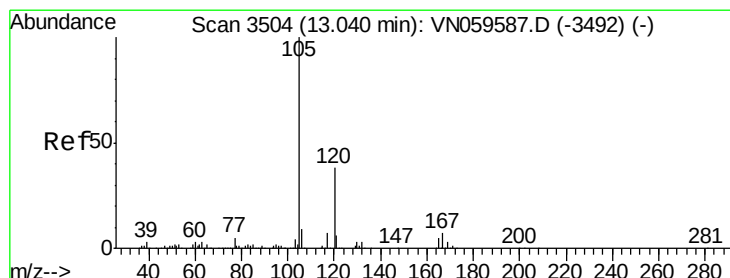
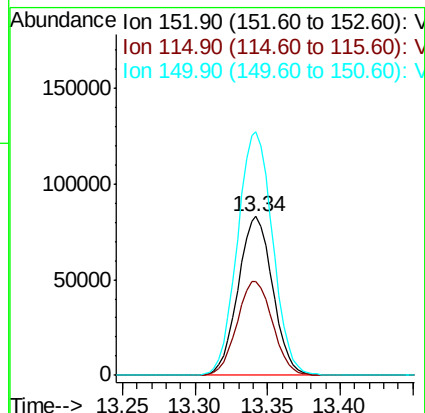
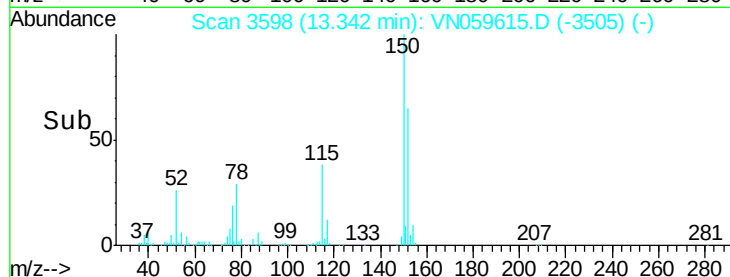
150 155.9 0.0 345.2



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: 1.559 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN059615.D

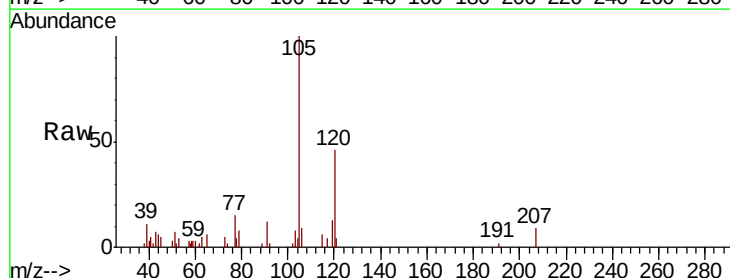
Acq: 16 Dec 2019 19:57

Tgt Ion:105 Resp: 14190

Ion Ratio Lower Upper

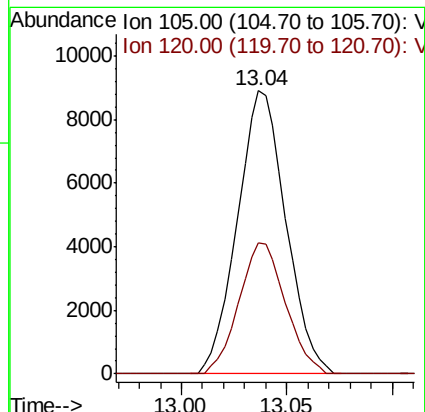
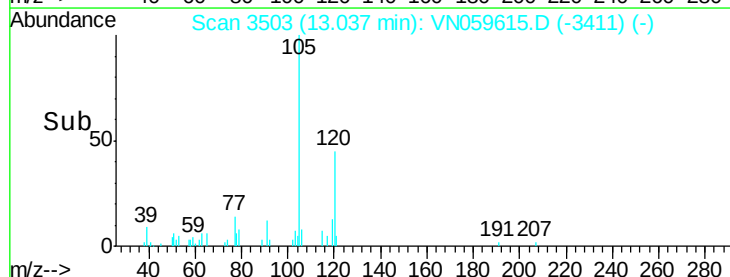
105 100

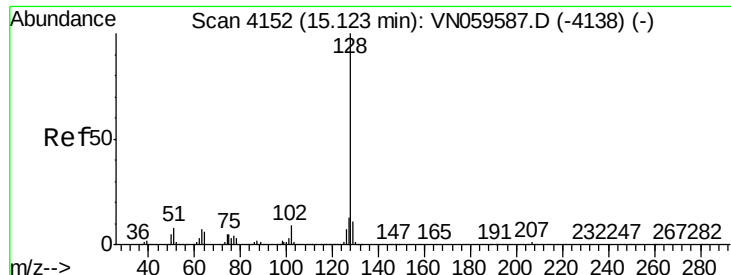
120 44.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.727 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059615.D

Acq: 16 Dec 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

SU-03-121319

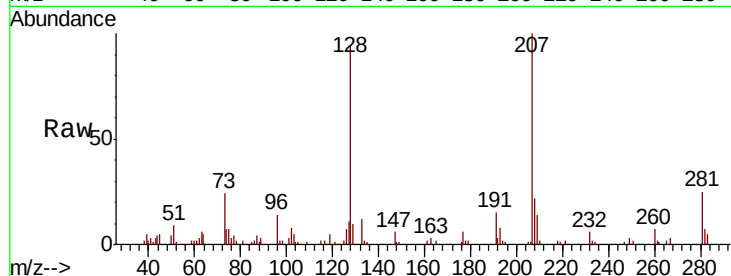
Tot Ion:128 Resp: 25367

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 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

