

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059628.D
 Acq On : 17 Dec 2019 16:36
 Operator : JC/SP
 Sample : K6310-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-01

Quant Time: Dec 18 06:12:08 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

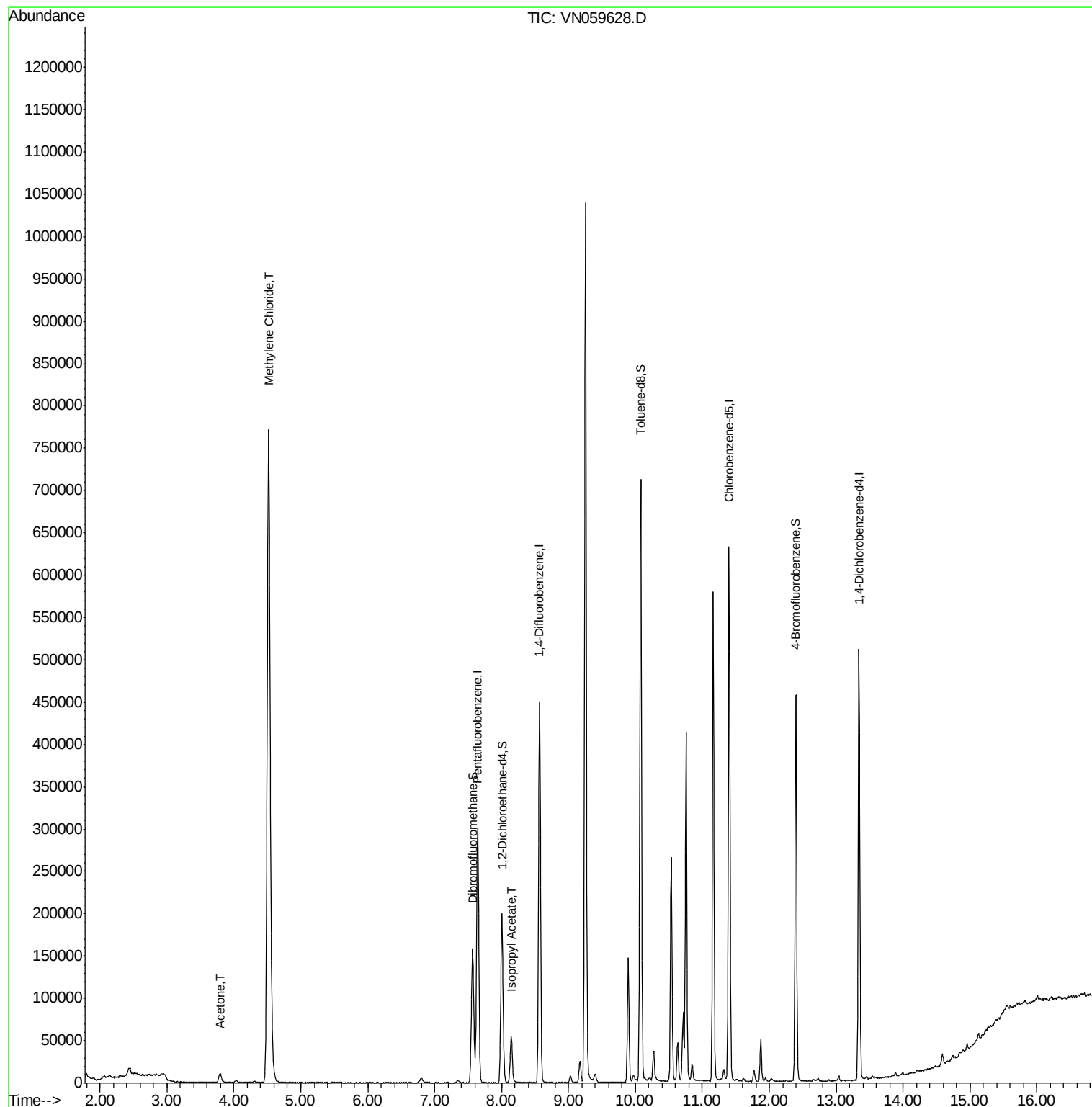
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	236352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	382951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	346875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	172459	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.57	113	122488	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.08	98	481000	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	157422	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
16) Acetone	3.79	43	18610	9.114	ug/l	99
20) Methylene Chloride	4.52	84	580455	196.829	ug/l	99
43) Isopropyl Acetate	8.14	43	64713	8.967	ug/l #	91

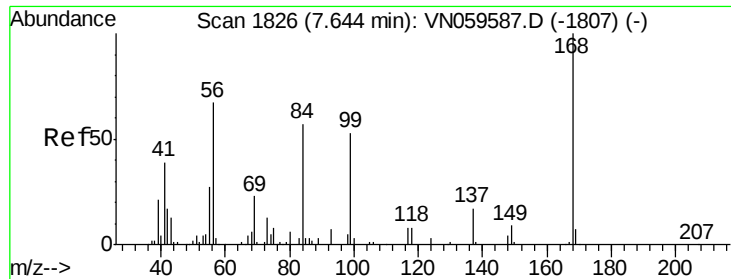
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121719\
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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: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

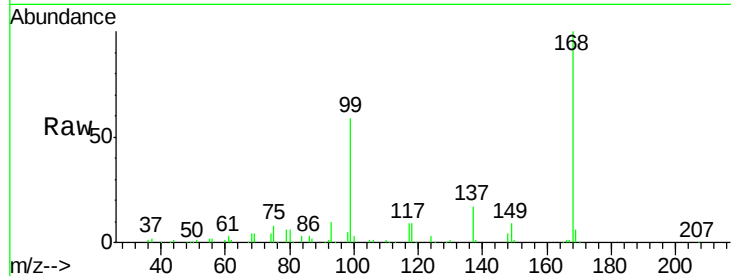
SP-01

Tot Ion:168 Resp: 236352

Ion Ratio Lower Upper

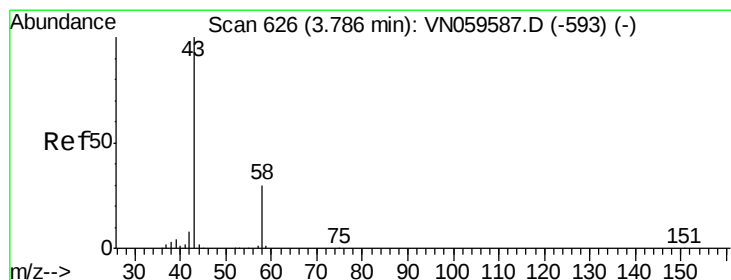
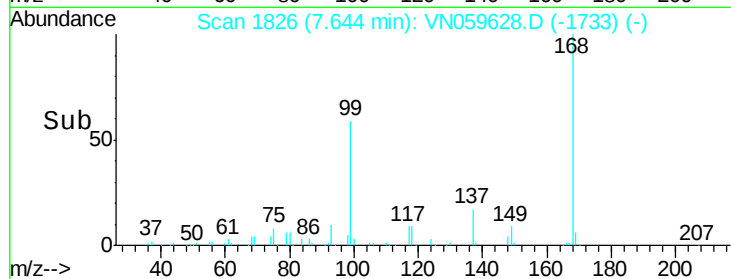
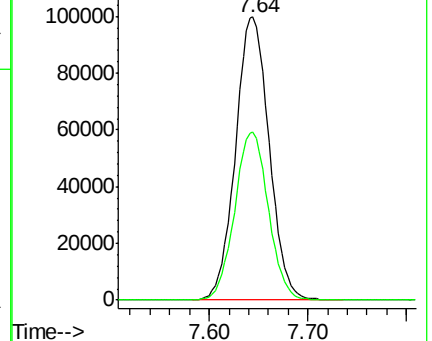
168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.114 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059628.D

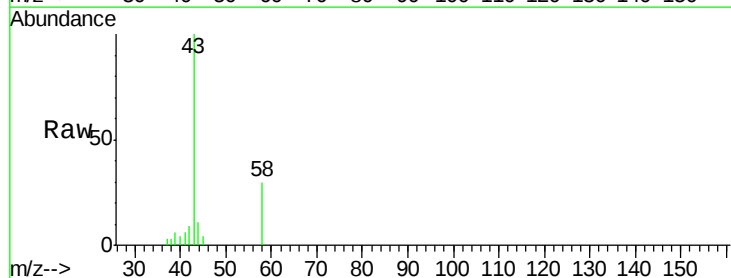
Acq: 17 Dec 2019 16:36

Tgt Ion: 43 Resp: 18610

Ion Ratio Lower Upper

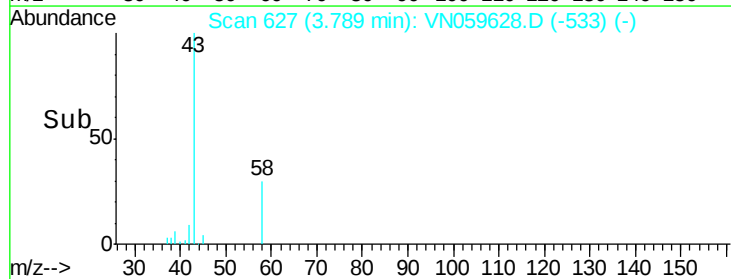
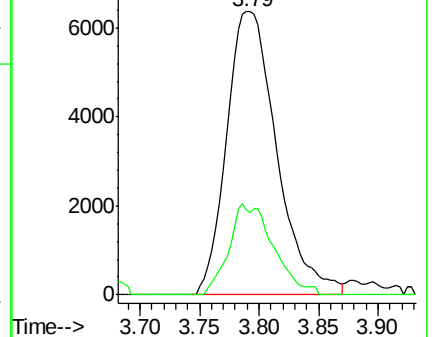
43 100

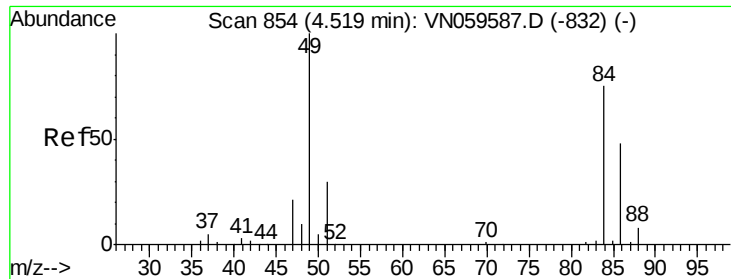
58 29.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

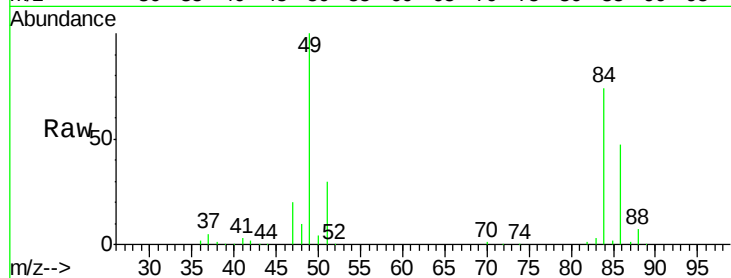




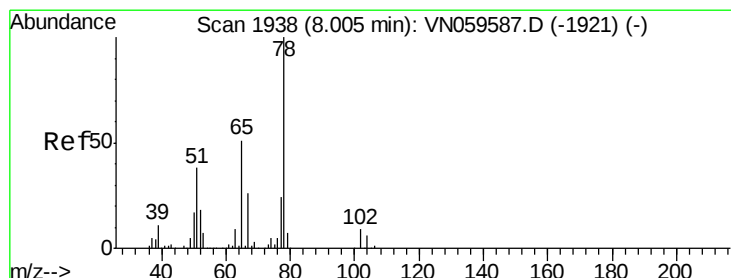
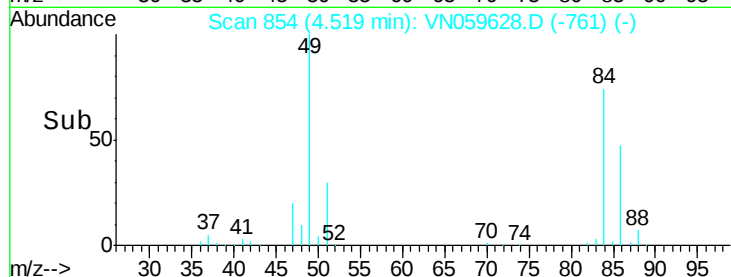
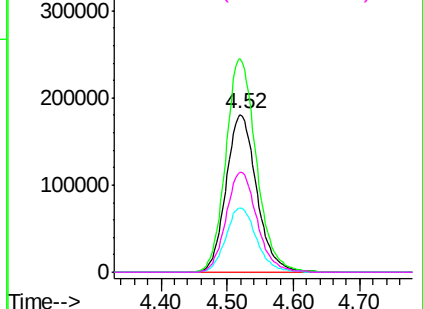
#20
Methylene Chloride
Concen: 196.829 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Instrument :
MSVOA_N
ClientSampled :
SP-01

Tot Ion: 84 Resp: 580455
Ion Ratio Lower Upper
84 100
49 135.1 106.6 160.0
51 40.8 31.9 47.9
86 63.5 50.8 76.2

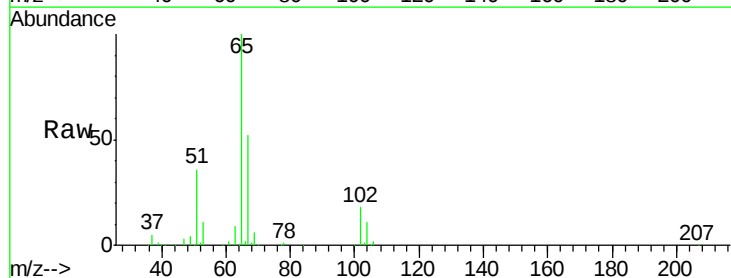


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

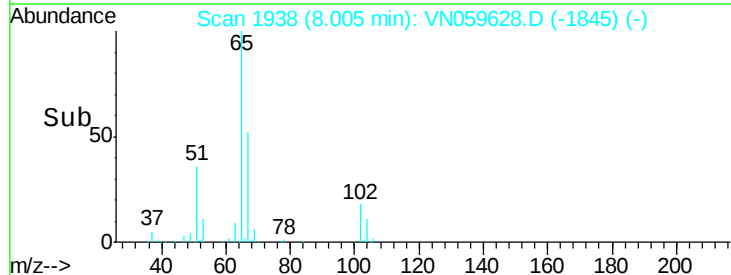
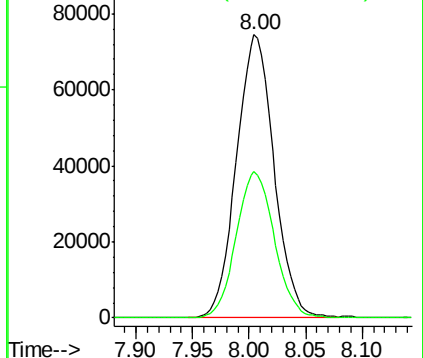


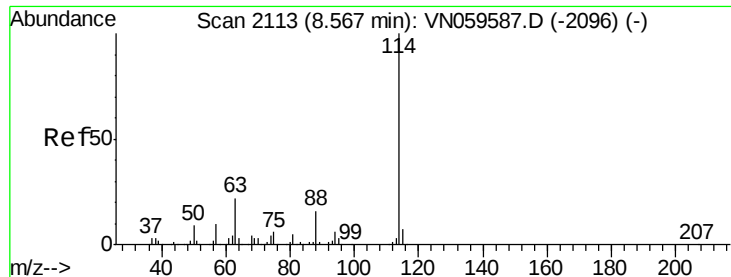
#33
1,2-Dichloroethane-d4
Concen: 50.144 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059628.D
Acq: 17 Dec 2019 16:36

Tgt Ion: 65 Resp: 172459
Ion Ratio Lower Upper
65 100
67 52.4 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: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

SP-01

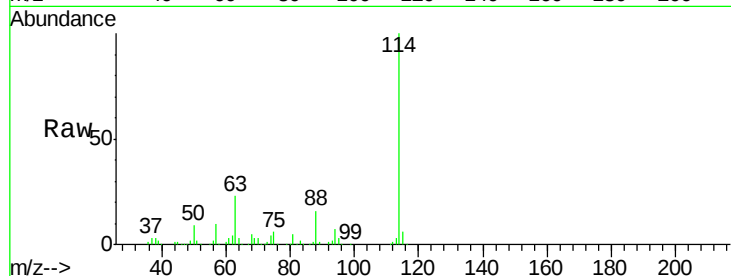
Tot Ion:114 Resp: 382951

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.6

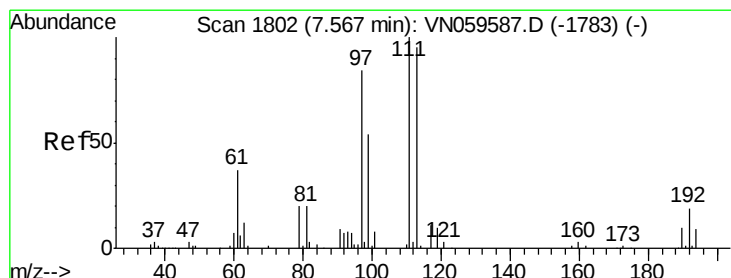
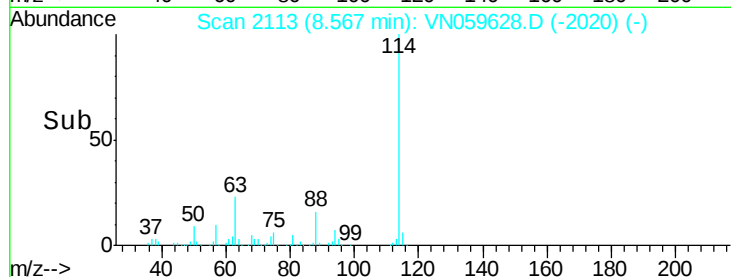
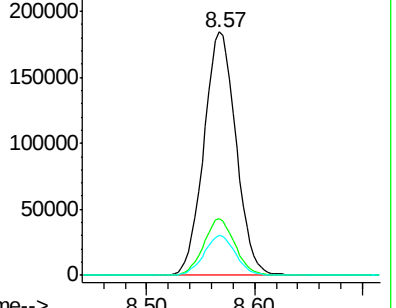
88 16.2 0.0 31.4



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: 51.120 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

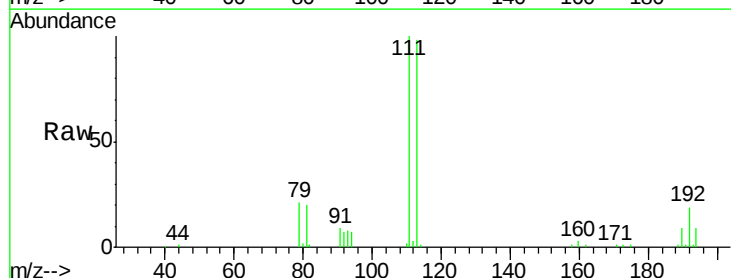
Tgt Ion:113 Resp: 122488

Ion Ratio Lower Upper

113 100

111 101.9 83.5 125.3

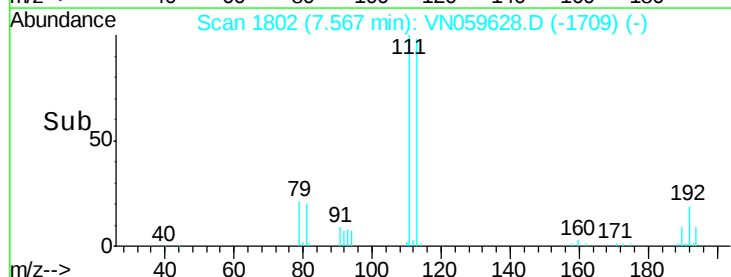
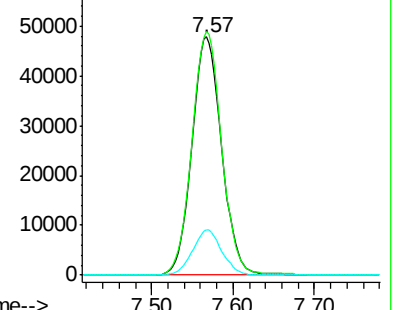
192 18.8 15.4 23.2

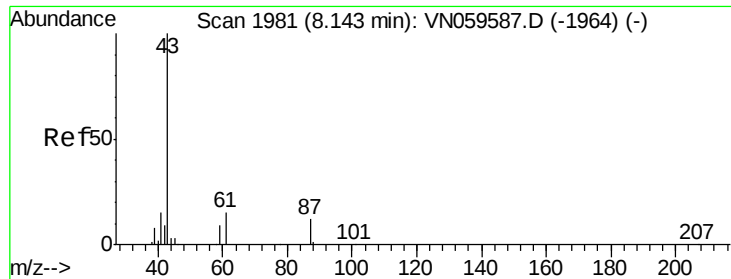


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.967 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

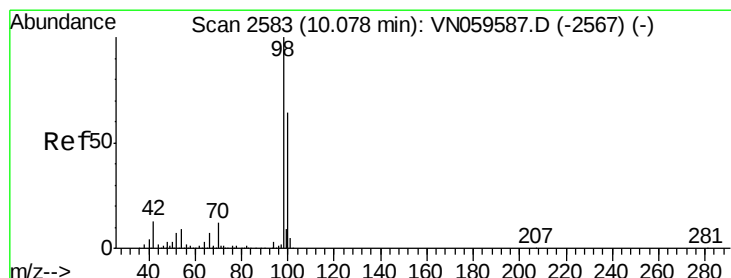
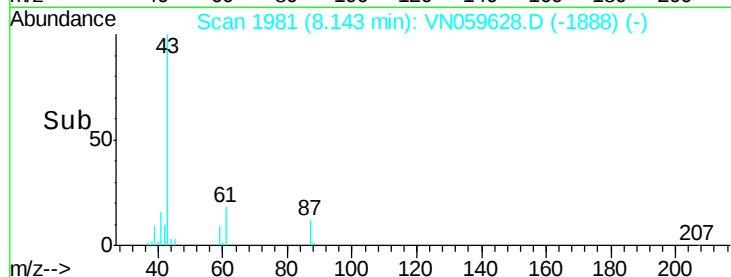
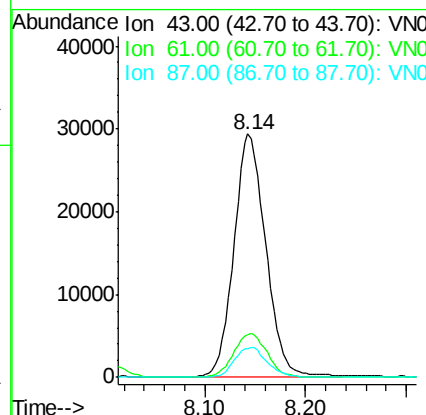
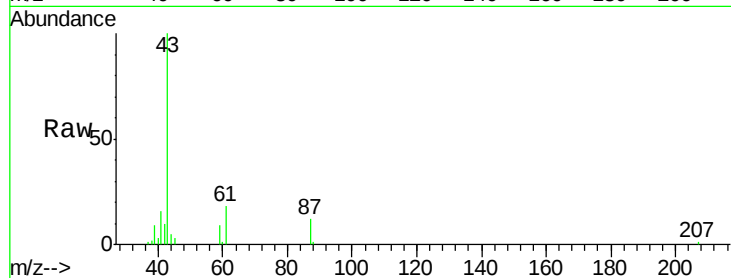
MSVOA_N

ClientSampleId :

SP-01

Tot Ion: 43 Resp: 64713

Ion	Ratio	Lower	Upper
43	100		
61	18.8	20.2	30.2#
87	12.5	9.5	14.3



#50

Toluene-d8

Concen: 50.704 ug/l

RT: 10.08 min Scan# 2583

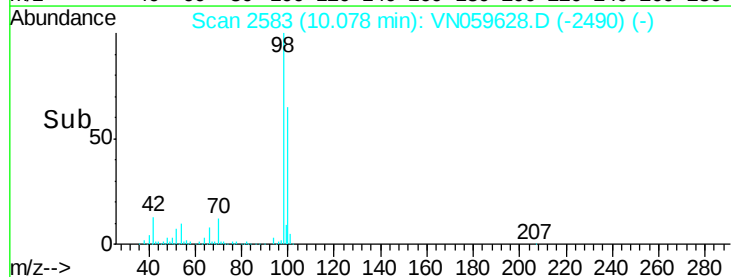
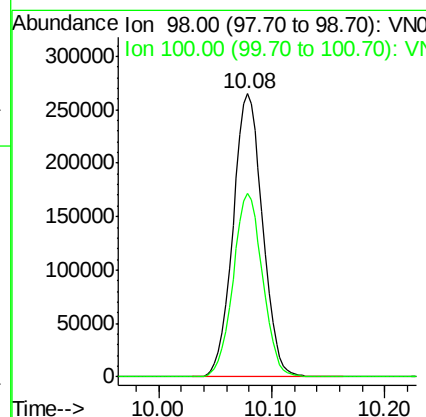
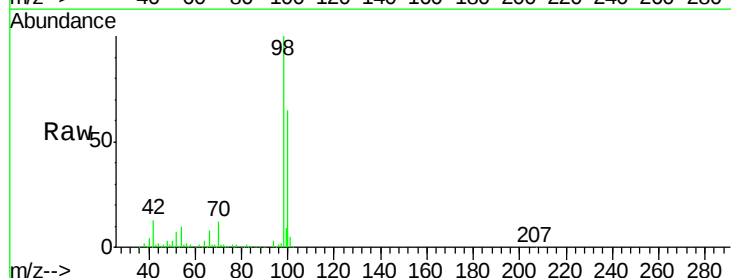
Delta R.T. -0.00 min

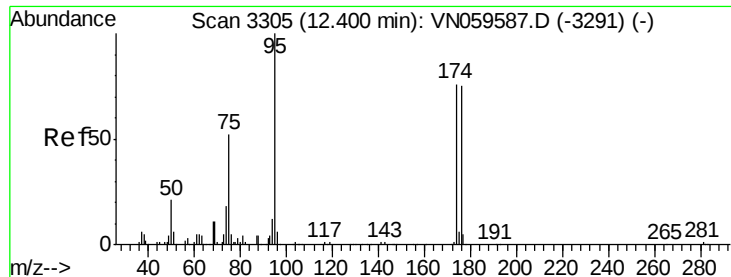
Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Tgt Ion: 98 Resp: 481000

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 45.478 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampled :

SP-01

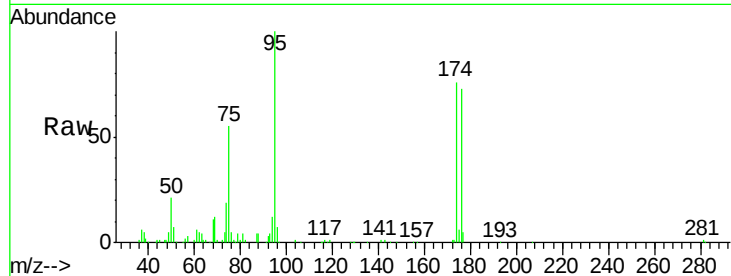
Tot Ion: 95 Resp: 157422

Ion Ratio Lower Upper

95 100

174 75.3 0.0 151.4

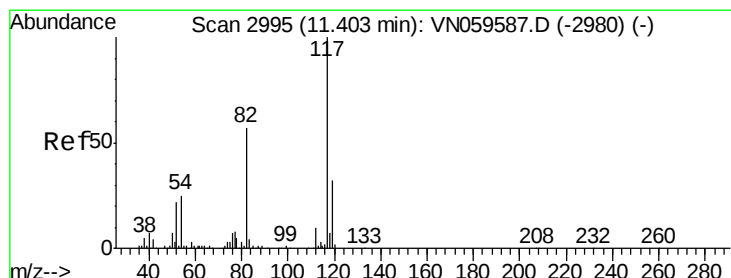
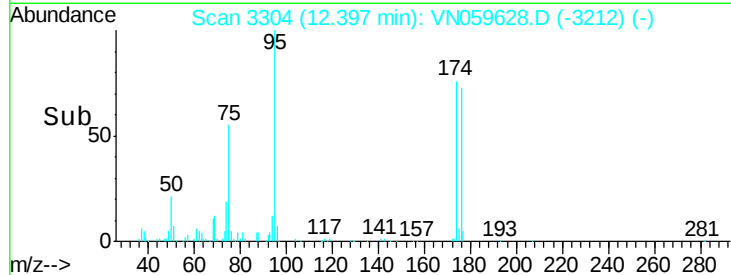
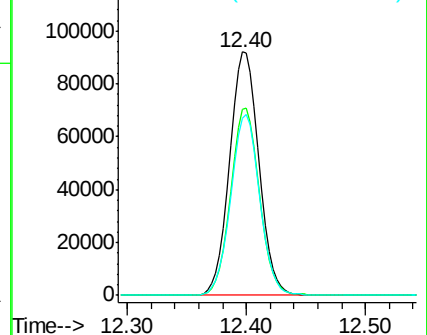
176 73.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059587.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059587.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059587.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

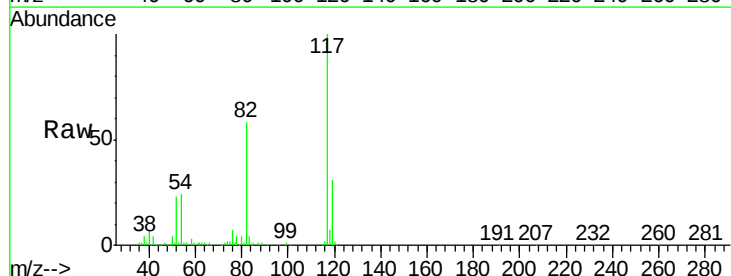
Tgt Ion: 117 Resp: 346875

Ion Ratio Lower Upper

117 100

82 58.2 45.9 68.9

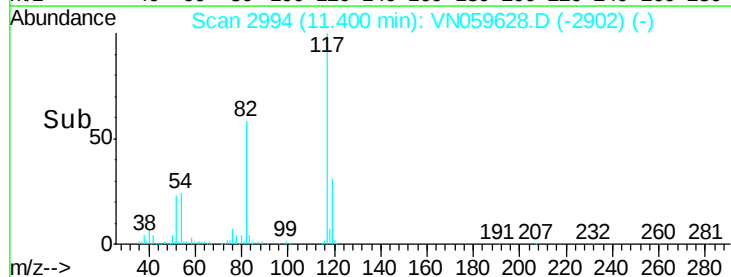
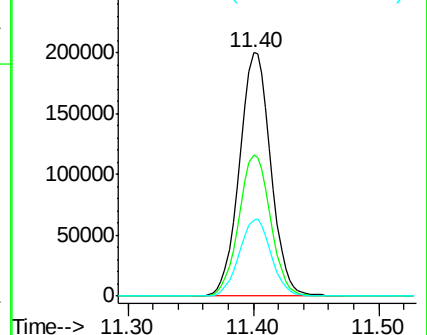
119 31.4 25.5 38.3

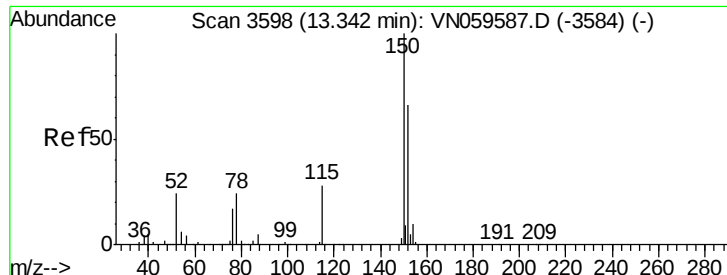


Abundance Ion 116.90 (116.60 to 117.60): VN059587.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059587.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059587.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059628.D

Acq: 17 Dec 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

SP-01

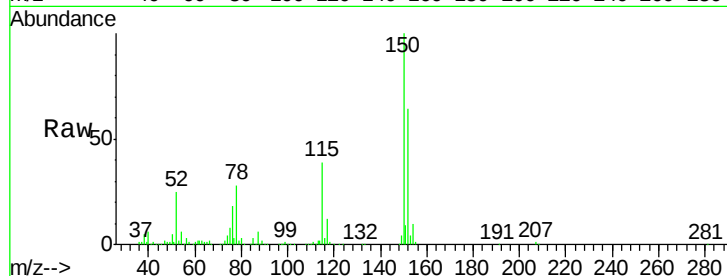
Tot Ion:152 Resp: 132053

Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

150 157.3 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

