

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056147.D
 Acq On : 8 Jun 2019 12:27
 Operator : JC/SP
 Sample : K3225-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-CHY07-9001

Quant Time: Jun 10 02:31:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

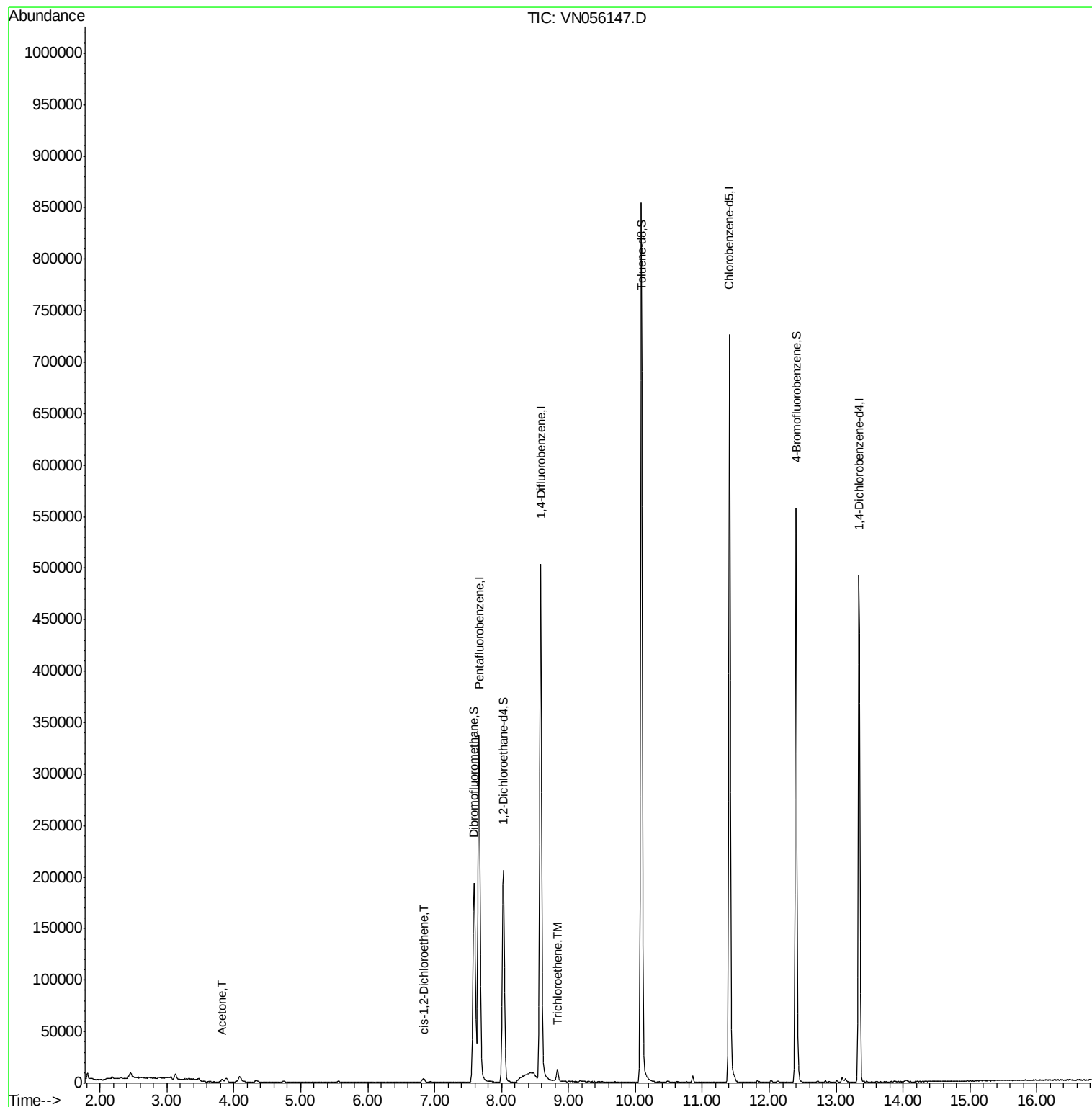
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	323610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	496288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	172939	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
35) Dibromofluoromethane	7.59	113	151596	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.09	98	635287	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.40	95	200755	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
Target Compounds						
16) Acetone	3.82	43	4765	3.101	ug/l	89
27) cis-1,2-Dichloroethene	6.83	96	2364	0.691	ug/l	93
44) Trichloroethene	8.83	130	4928	1.323	ug/l	90

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

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056147.D

Acq: 8 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

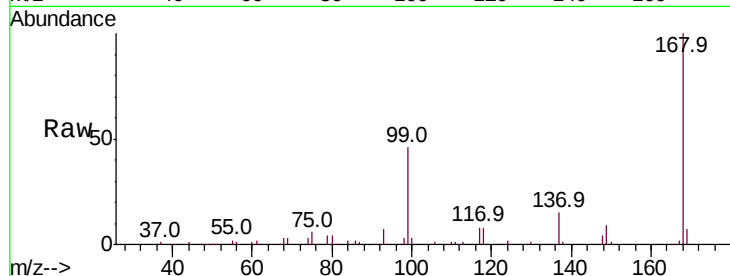
SP19-CHY07-9001

Tot Ion:168 Resp: 323610

Ion Ratio Lower Upper

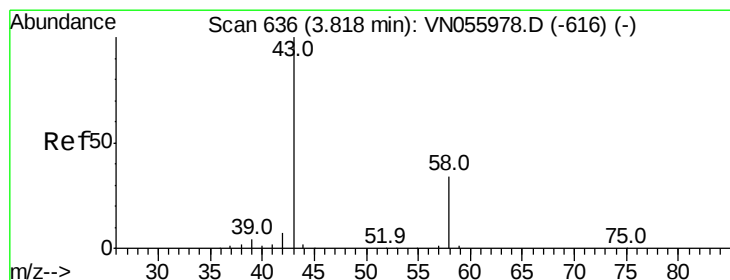
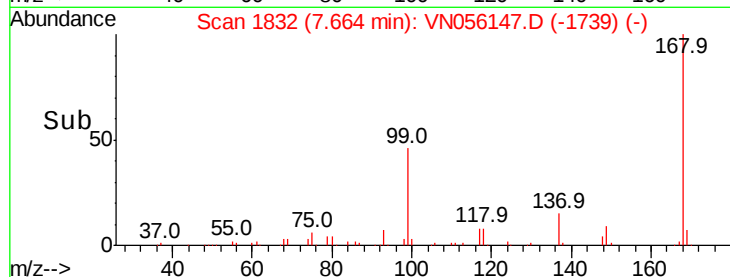
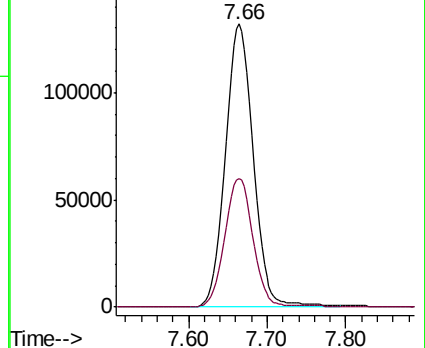
168 100

99 45.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.101 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056147.D

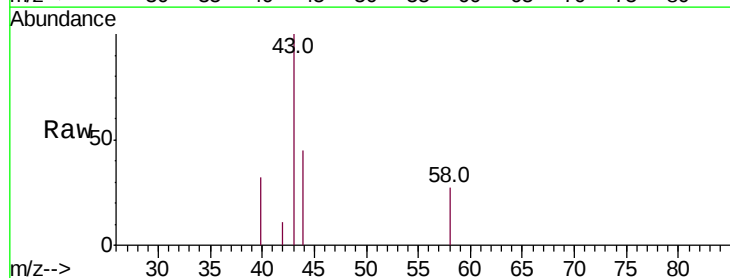
Acq: 8 Jun 2019 12:27

Tgt Ion: 43 Resp: 4765

Ion Ratio Lower Upper

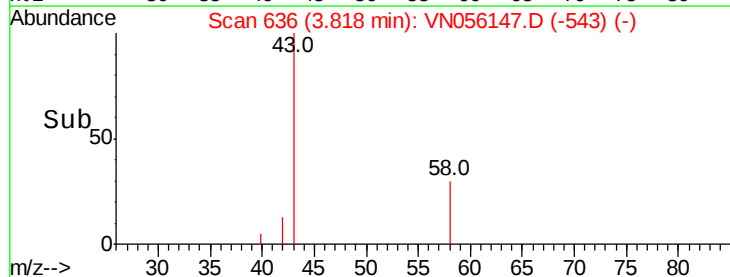
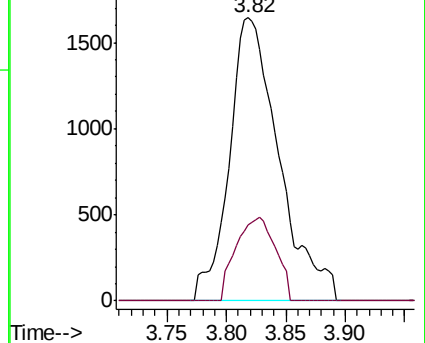
43 100

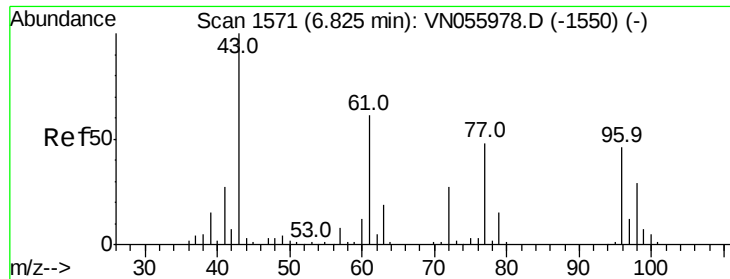
58 26.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.691 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056147.D

Acq: 8 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

SP19-CHY07-9001

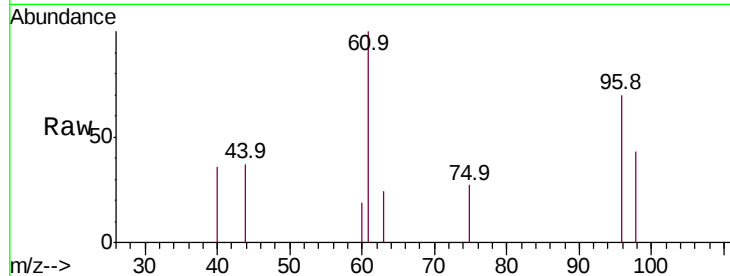
Tot Ion: 96 Resp: 2364

Ion Ratio Lower Upper

96 100

61 128.7 0.0 275.8

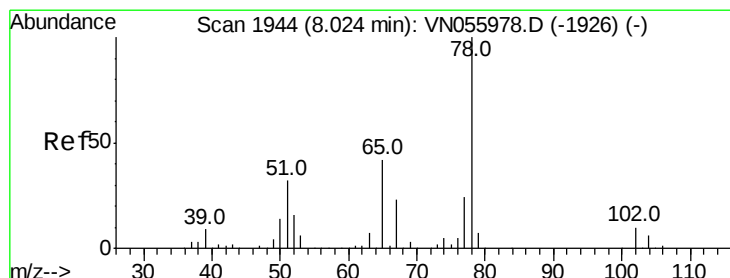
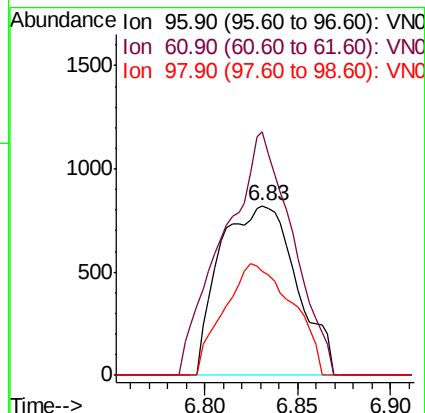
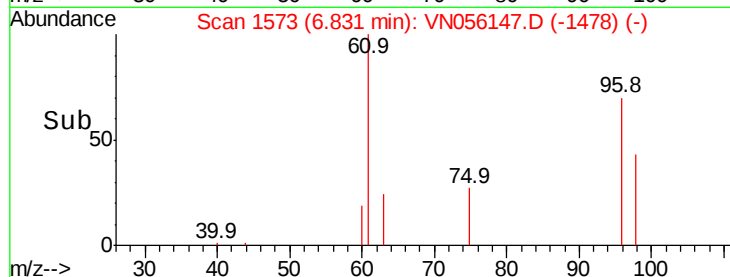
98 58.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.822 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056147.D

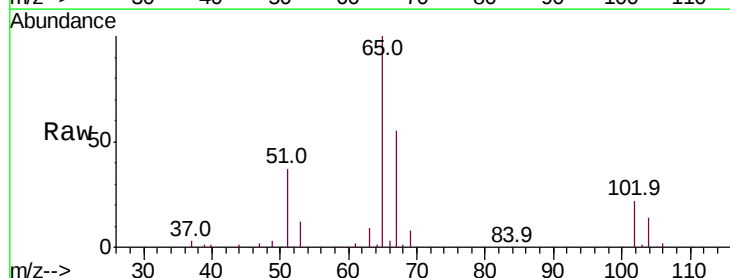
Acq: 8 Jun 2019 12:27

Tgt Ion: 65 Resp: 172939

Ion Ratio Lower Upper

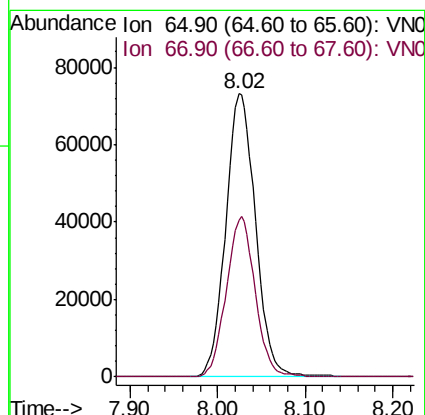
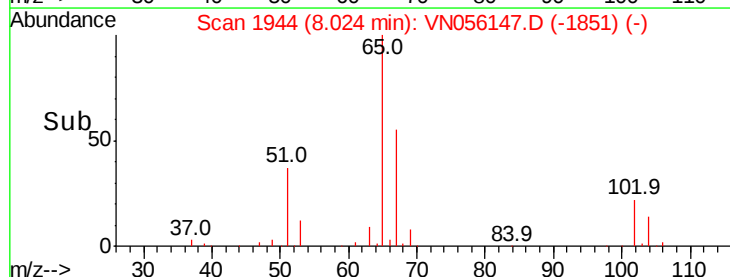
65 100

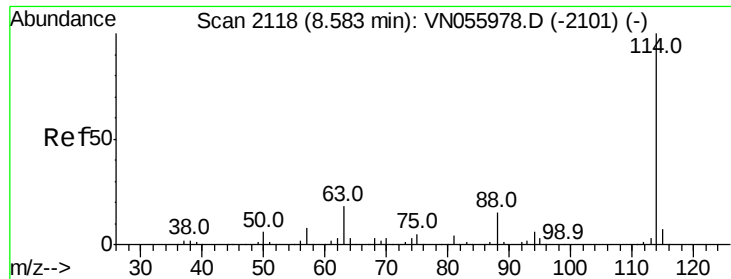
67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

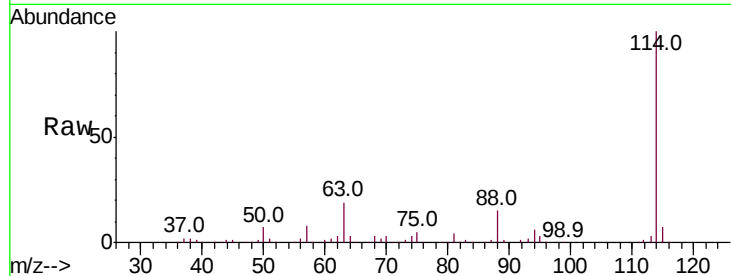




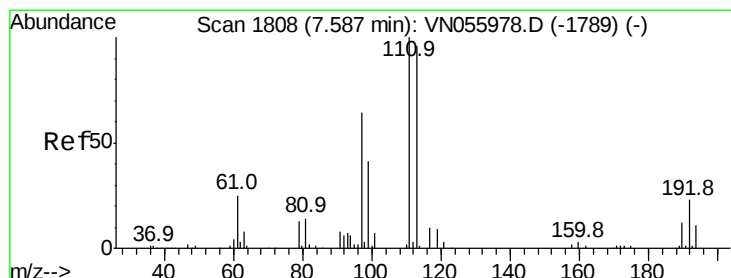
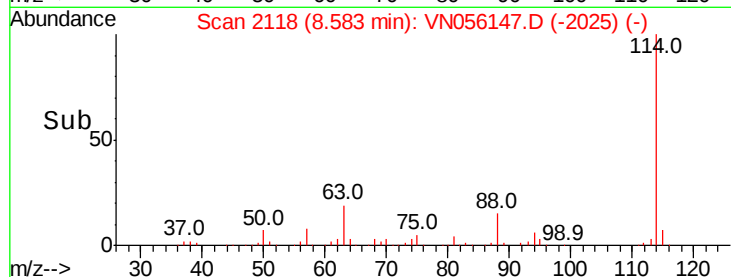
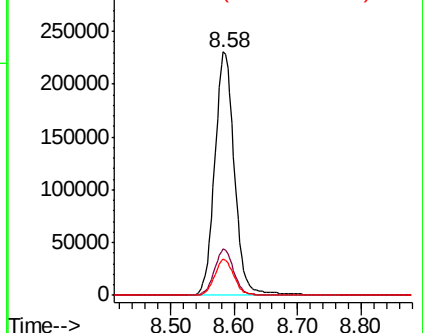
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056147.D
 Acq: 8 Jun 2019 12:27

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-CHY07-9001

Tot Ion:114 Resp: 496288
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.9 0.0 31.0

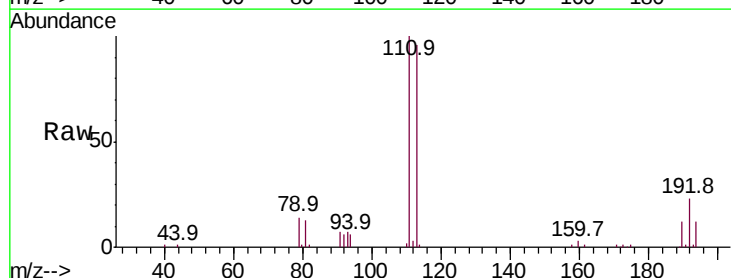


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

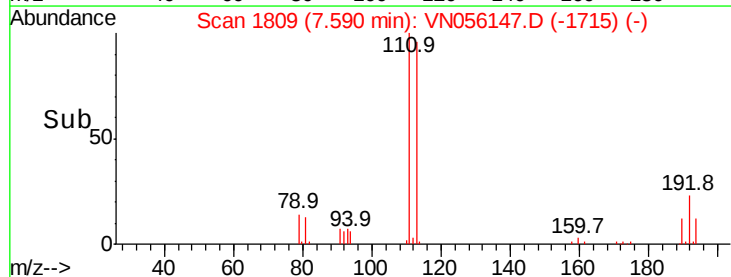
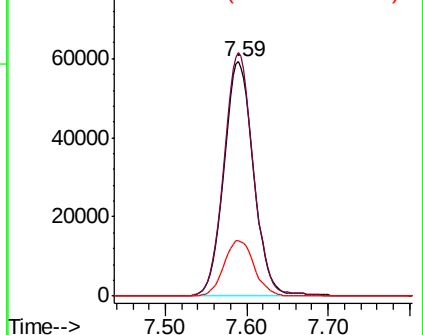


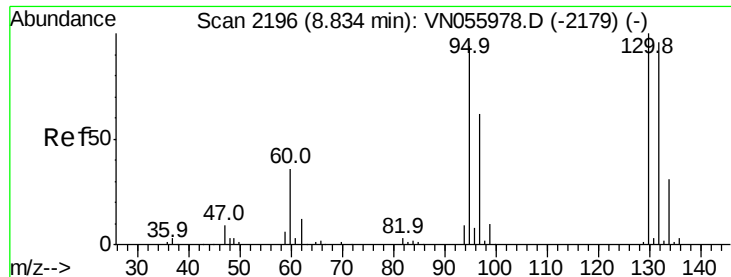
#35
 Dibromofluoromethane
 Concen: 49.787 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056147.D
 Acq: 8 Jun 2019 12:27

Tgt Ion:113 Resp: 151596
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 24.1 19.5 29.3



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





#44

Trichloroethene

Concen: 1.323 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056147.D

Acq: 8 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

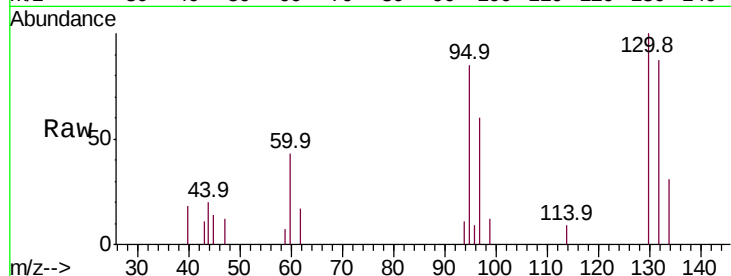
SP19-CHY07-9001

Tot Ion:130 Resp: 4928

Ion Ratio Lower Upper

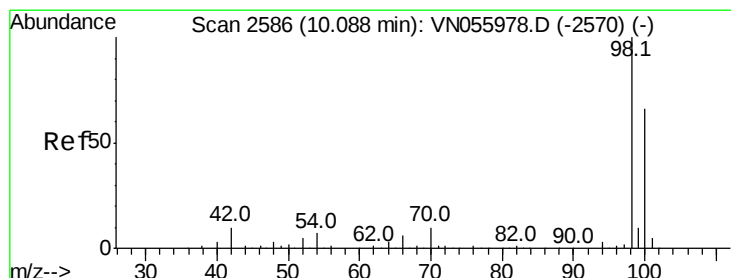
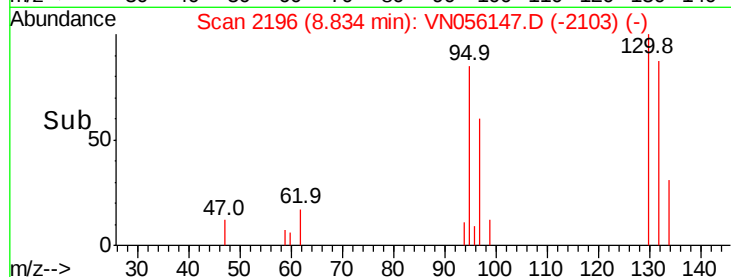
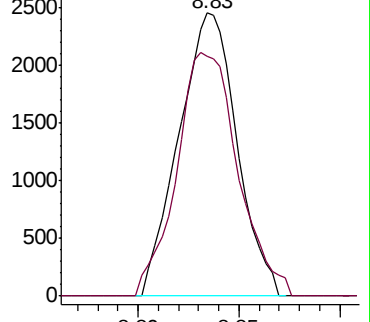
130 100

95 84.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)



#50

Toluene-d8

Concen: 54.220 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056147.D

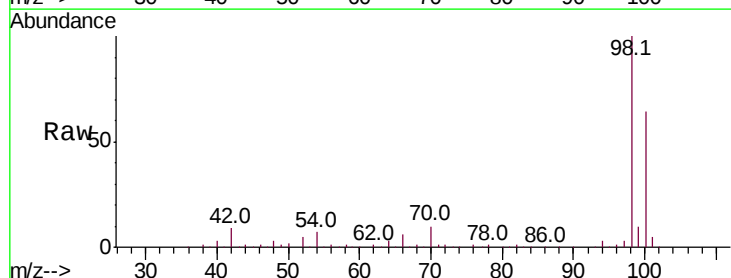
Acq: 8 Jun 2019 12:27

Tgt Ion: 98 Resp: 635287

Ion Ratio Lower Upper

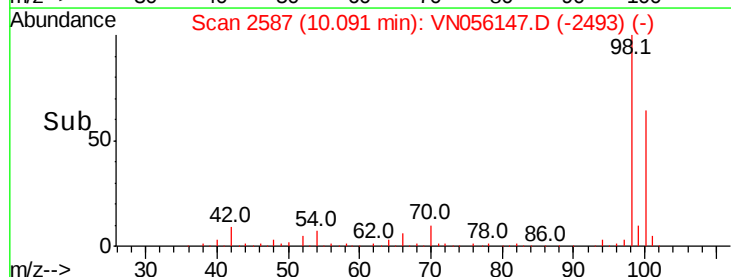
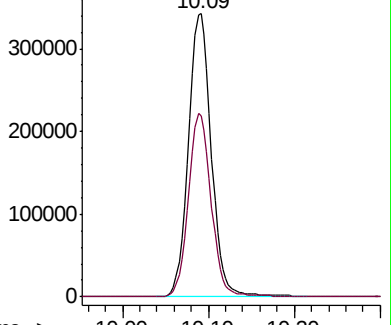
98 100

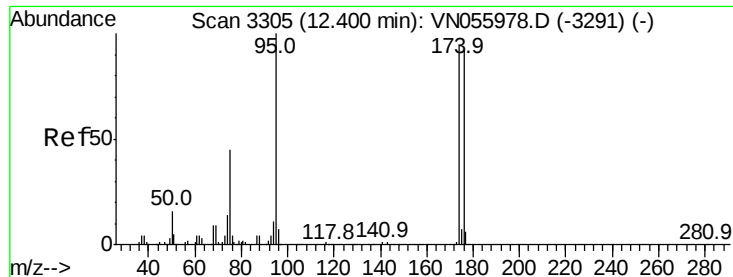
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 50.383 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056147.D

Acq: 8 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

SP19-CHY07-9001

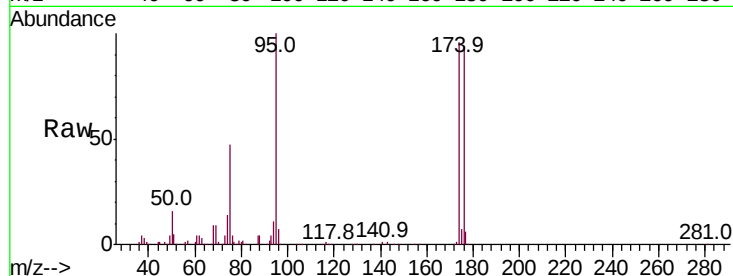
Tot Ion: 95 Resp: 200755

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

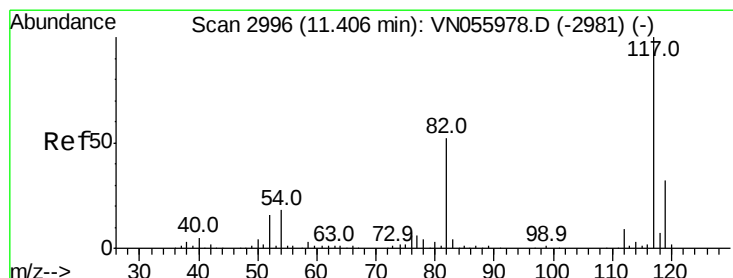
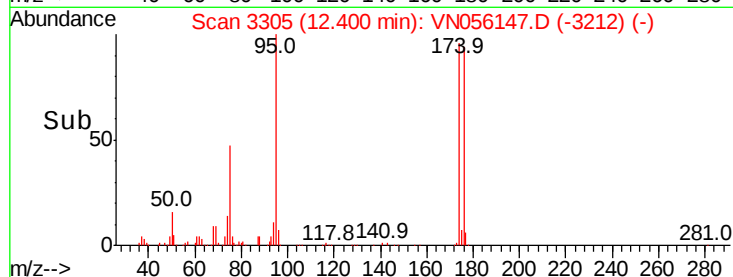
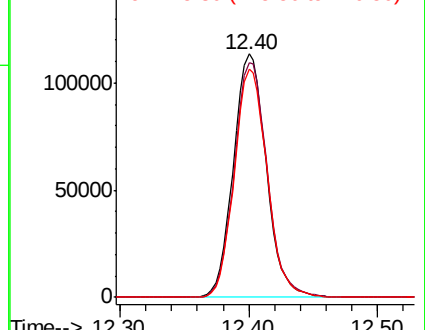
176 94.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056147.D

Acq: 8 Jun 2019 12:27

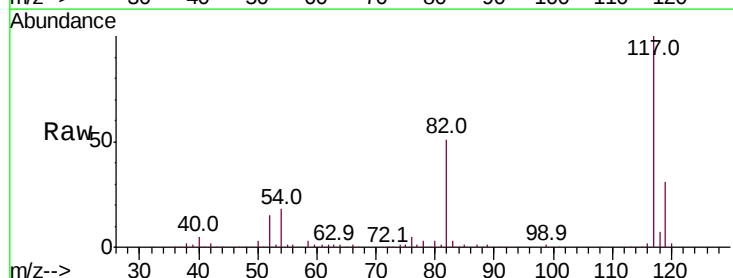
Tgt Ion: 117 Resp: 474699

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

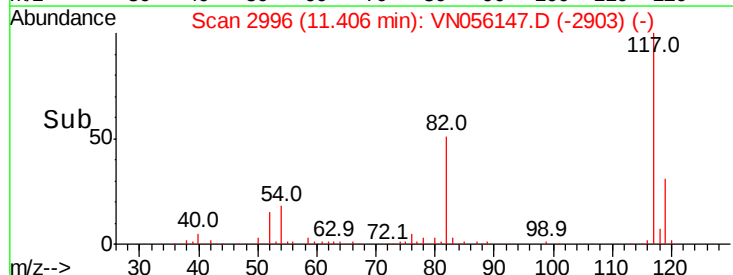
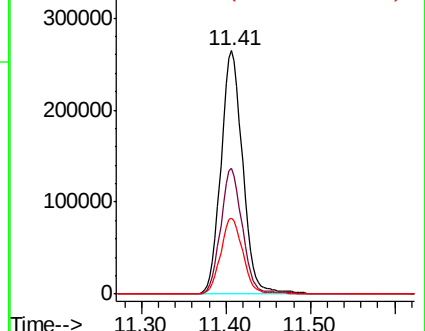
119 31.2 25.4 38.0

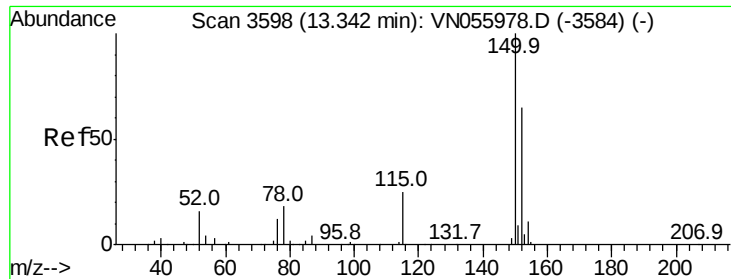


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056147.D

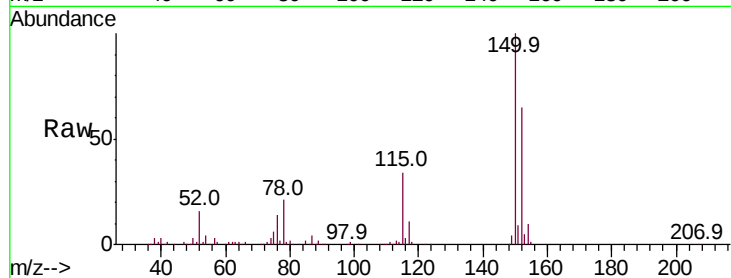
Acq: 8 Jun 2019 12:27

Instrument :

MSVOA_N

ClientSampleId :

SP19-CHY07-9001



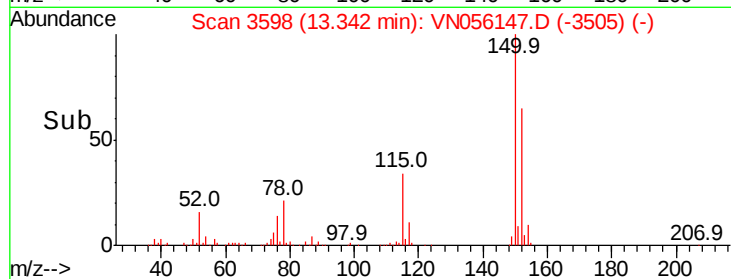
Tot Ion:152 Resp: 156183

Ion Ratio Lower Upper

152 100

115 52.9 27.0 81.0

150 156.2 0.0 343.2



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

