

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056146.D
 Acq On : 8 Jun 2019 12:02
 Operator : JC/SP
 Sample : K3225-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-CHY07

Quant Time: Jun 10 02:30:01 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

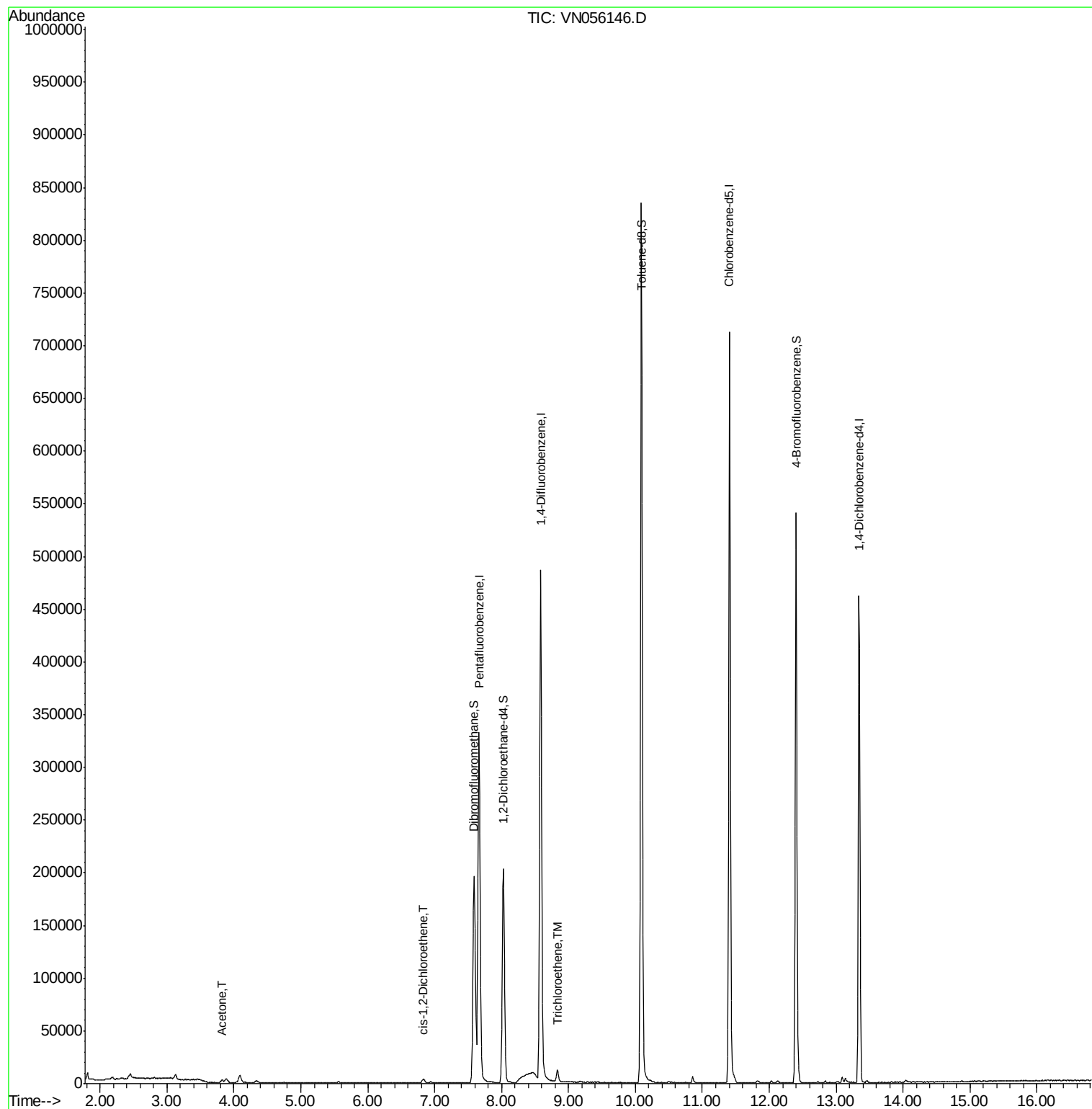
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	481274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	171238	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
35) Dibromofluoromethane	7.59	113	151251	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	10.09	98	622197	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
62) 4-Bromofluorobenzene	12.40	95	194511	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
Target Compounds						
16) Acetone	3.82	43	4654	3.140	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	2323	0.704	ug/l	91
44) Trichloroethene	8.84	130	4902	1.357	ug/l	100

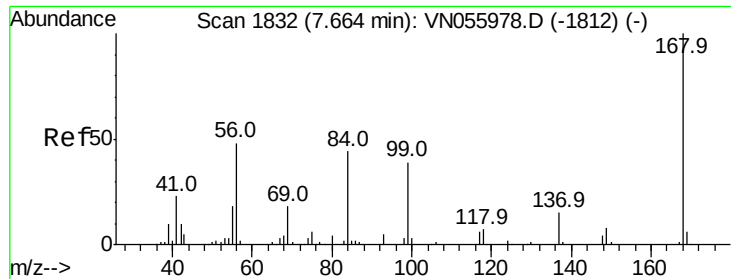
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056146.D

Acq: 8 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

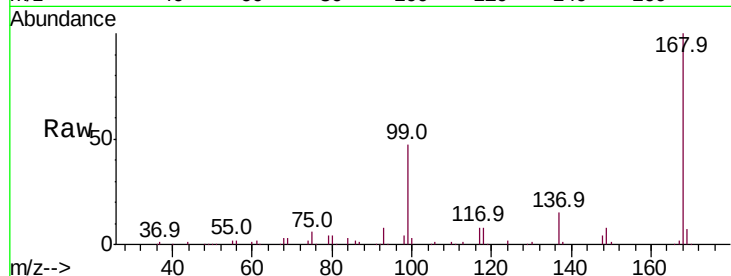
SP19-CHY07

Tot Ion:168 Resp: 312064

Ion Ratio Lower Upper

168 100

99 47.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

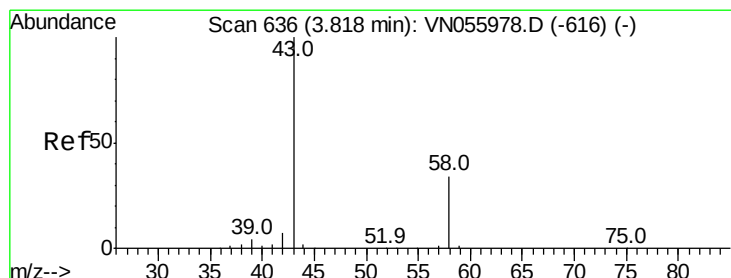
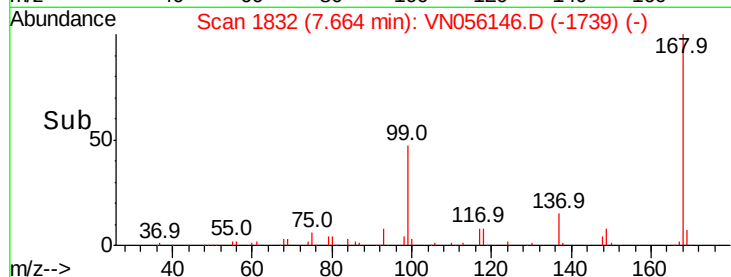
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 3.140 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056146.D

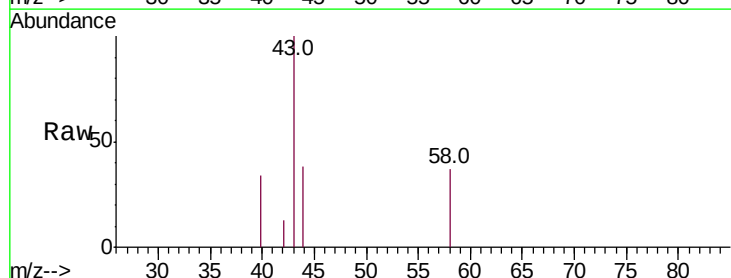
Acq: 8 Jun 2019 12:02

Tgt Ion: 43 Resp: 4654

Ion Ratio Lower Upper

43 100

58 37.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

1500

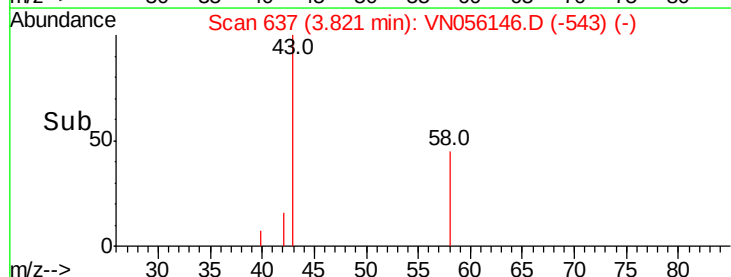
1000

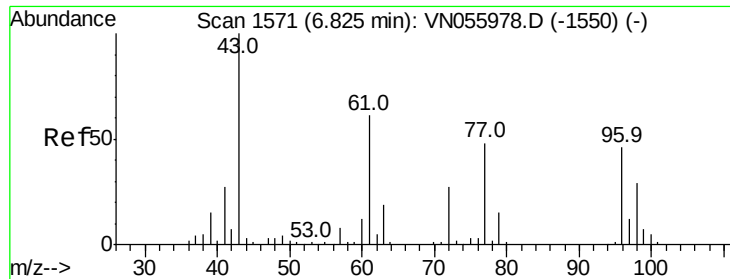
500

0

3.75 3.80 3.85 3.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.704 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056146.D

Acq: 8 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampled :

SP19-CHY07

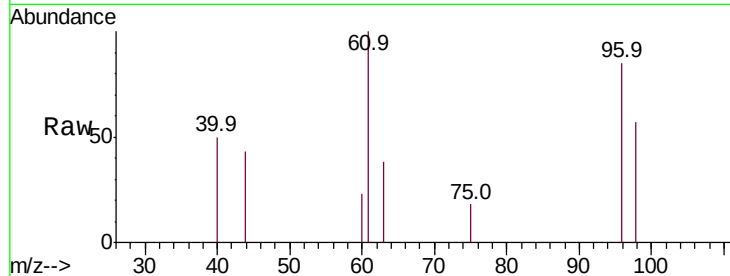
Tot Ion: 96 Resp: 2323

Ion Ratio Lower Upper

96 100

61 122.5 0.0 275.8

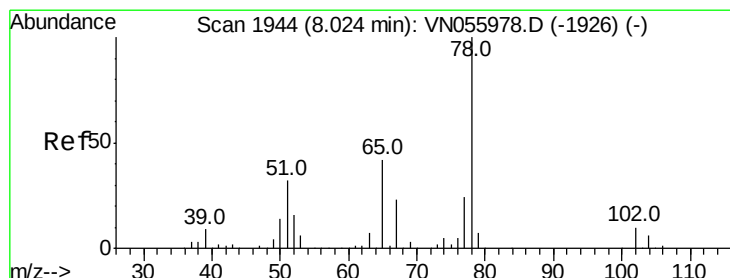
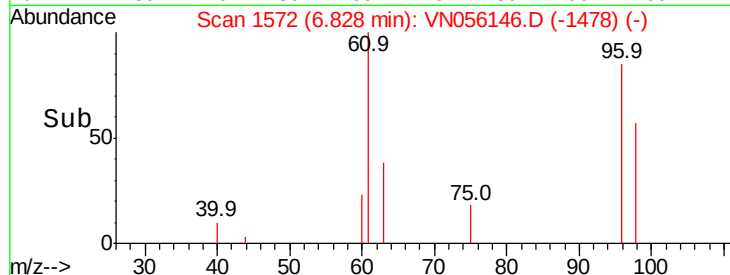
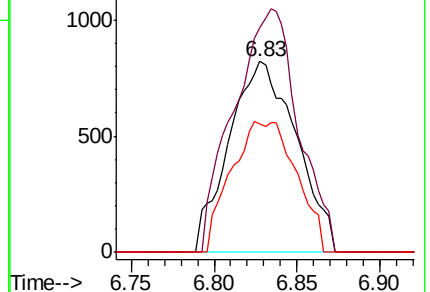
98 65.8 0.0 128.4



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: 55.264 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056146.D

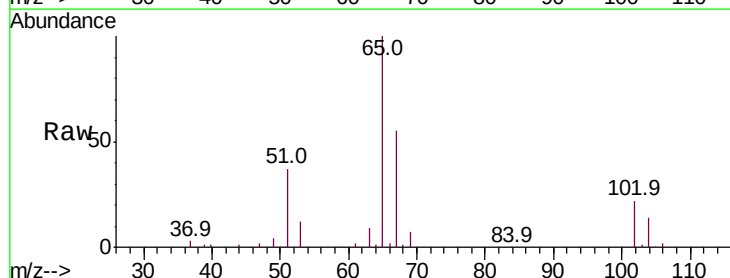
Acq: 8 Jun 2019 12:02

Tgt Ion: 65 Resp: 171238

Ion Ratio Lower Upper

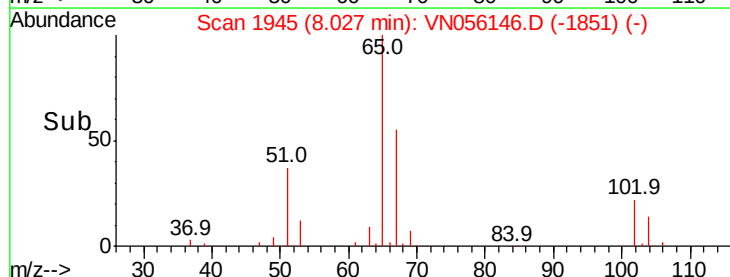
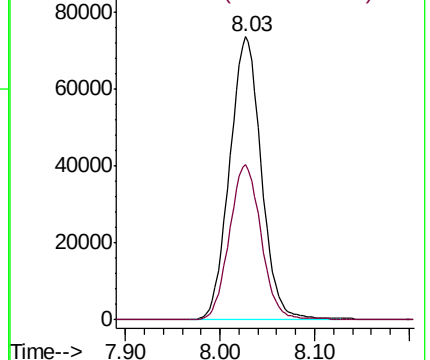
65 100

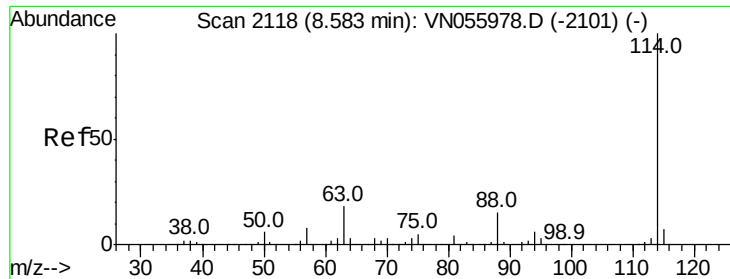
67 54.8 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

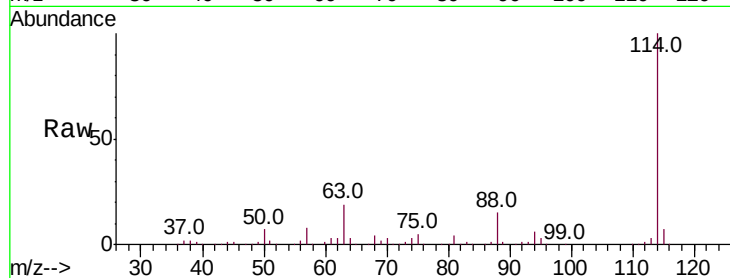




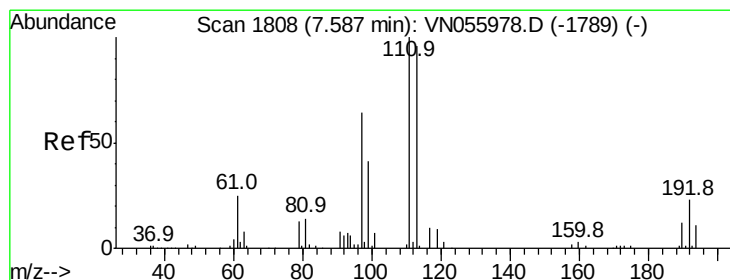
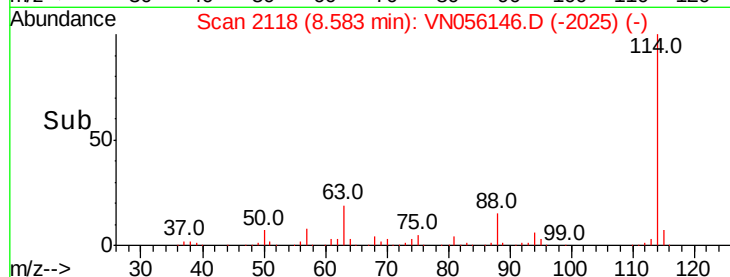
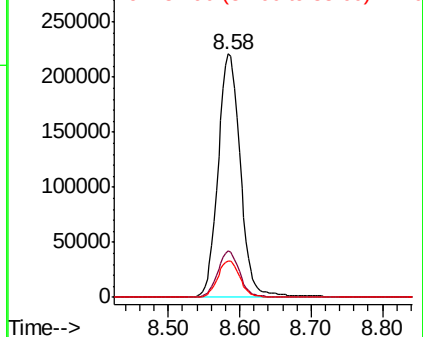
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056146.D
 Acq: 8 Jun 2019 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-CHY07

Tot Ion:114 Resp: 481274
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 14.8 0.0 31.0

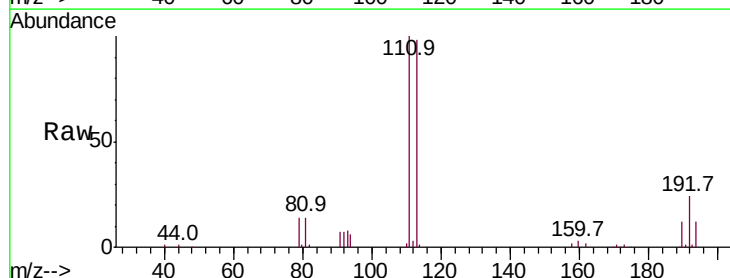


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

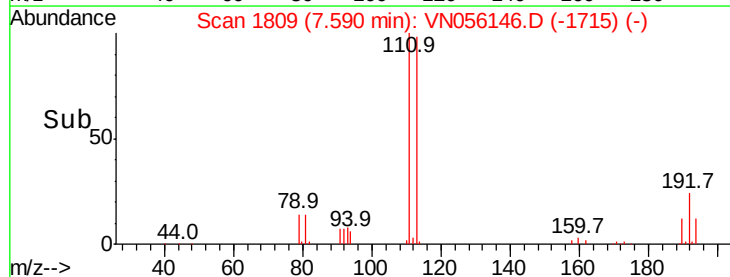
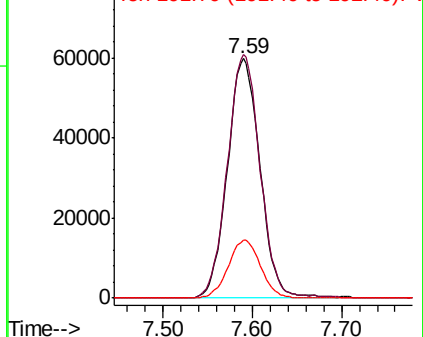


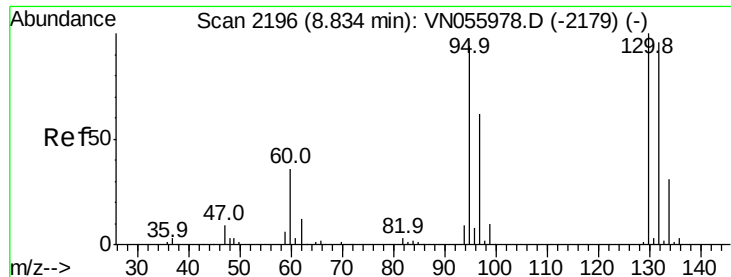
#35
 Dibromofluoromethane
 Concen: 51.223 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056146.D
 Acq: 8 Jun 2019 12:02

Tgt Ion:113 Resp: 151251
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 24.0 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: 1.357 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056146.D

Acq: 8 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampled :

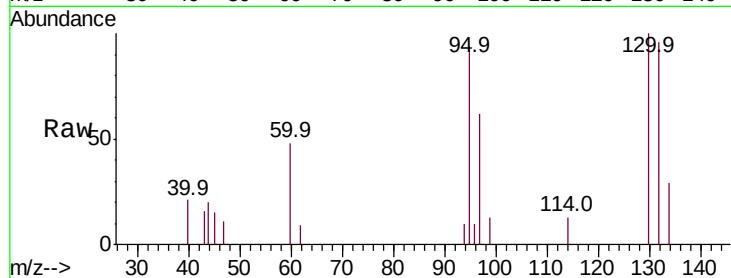
SP19-CHY07

Tot Ion:130 Resp: 4902

Ion Ratio Lower Upper

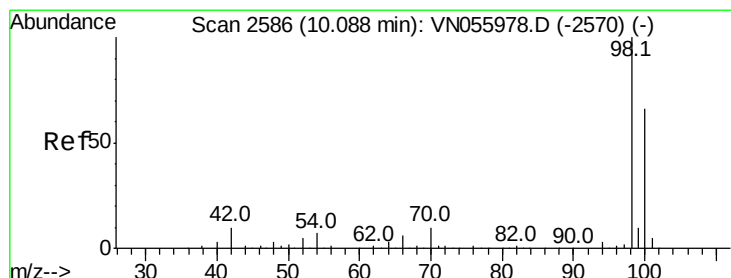
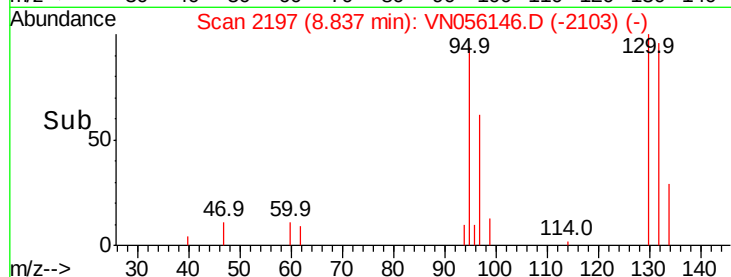
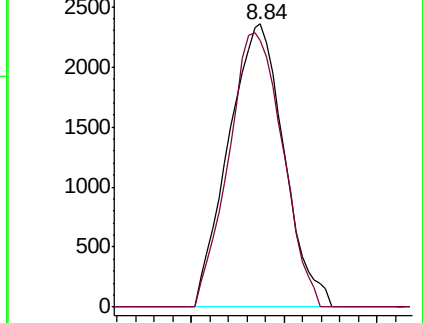
130 100

95 94.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 54.760 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056146.D

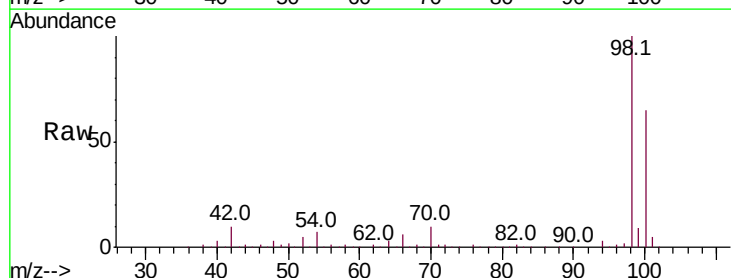
Acq: 8 Jun 2019 12:02

Tgt Ion: 98 Resp: 622197

Ion Ratio Lower Upper

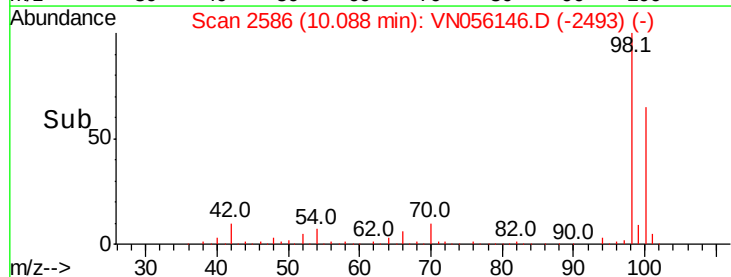
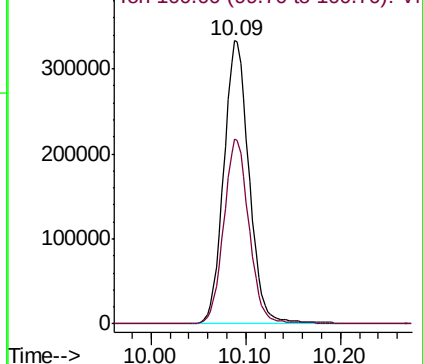
98 100

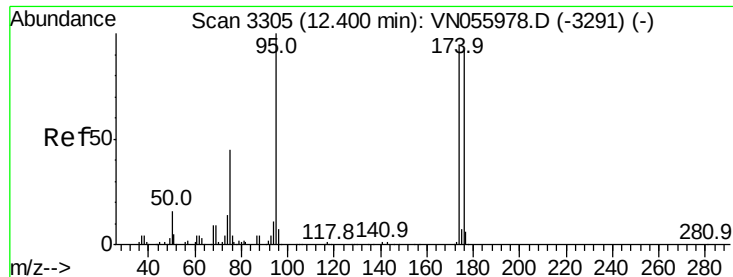
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

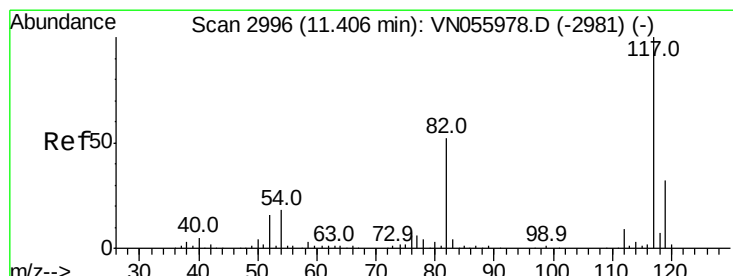
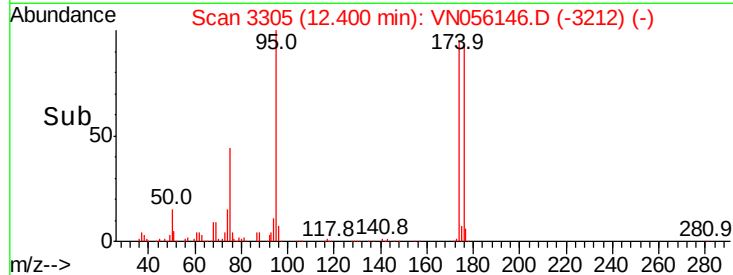
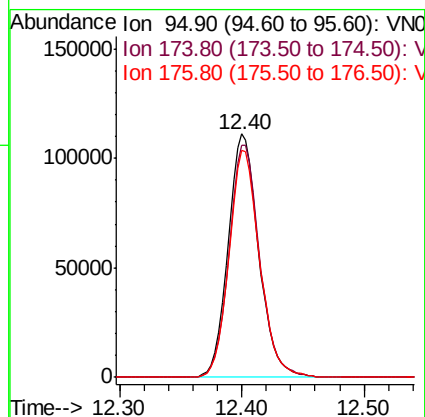
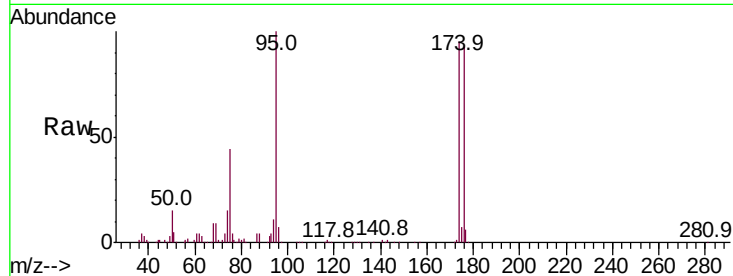




#62
4-Bromofluorobenzene
Concen: 50.339 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056146.D
Acq: 8 Jun 2019 12:02

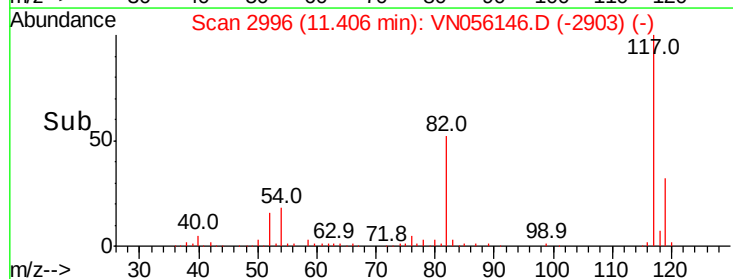
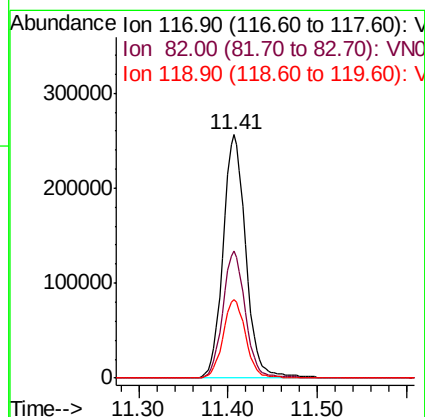
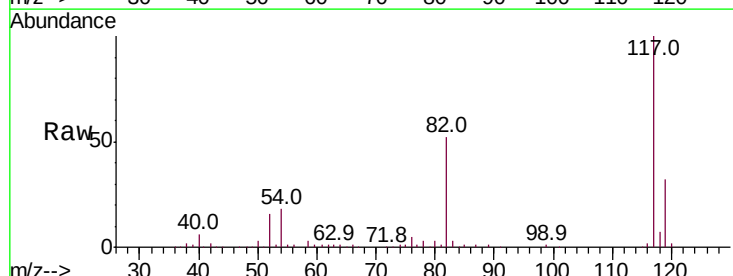
Instrument :
MSVOA_N
ClientSampleId :
SP19-CHY07

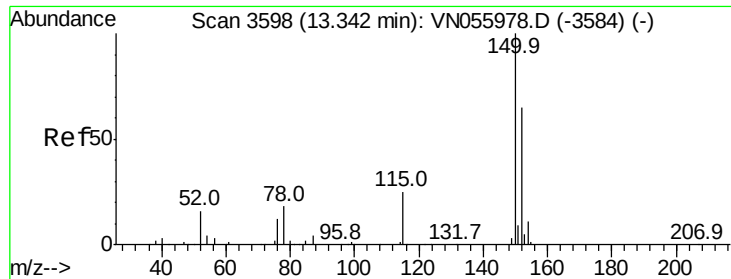
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	191.0
176	93.3	0.0	185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056146.D
Acq: 8 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.8
119	32.4	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056146.D

Acq: 8 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

SP19-CHY07

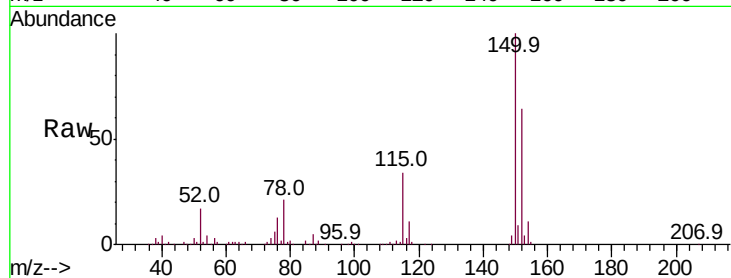
Tot Ion:152 Resp: 145260

Ion Ratio Lower Upper

152 100

115 52.4 27.0 81.0

150 156.7 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

