

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056145.D
 Acq On : 8 Jun 2019 11:37
 Operator : JC/SP
 Sample : K3225-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-CHY02

Quant Time: Jun 10 02:26:02 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

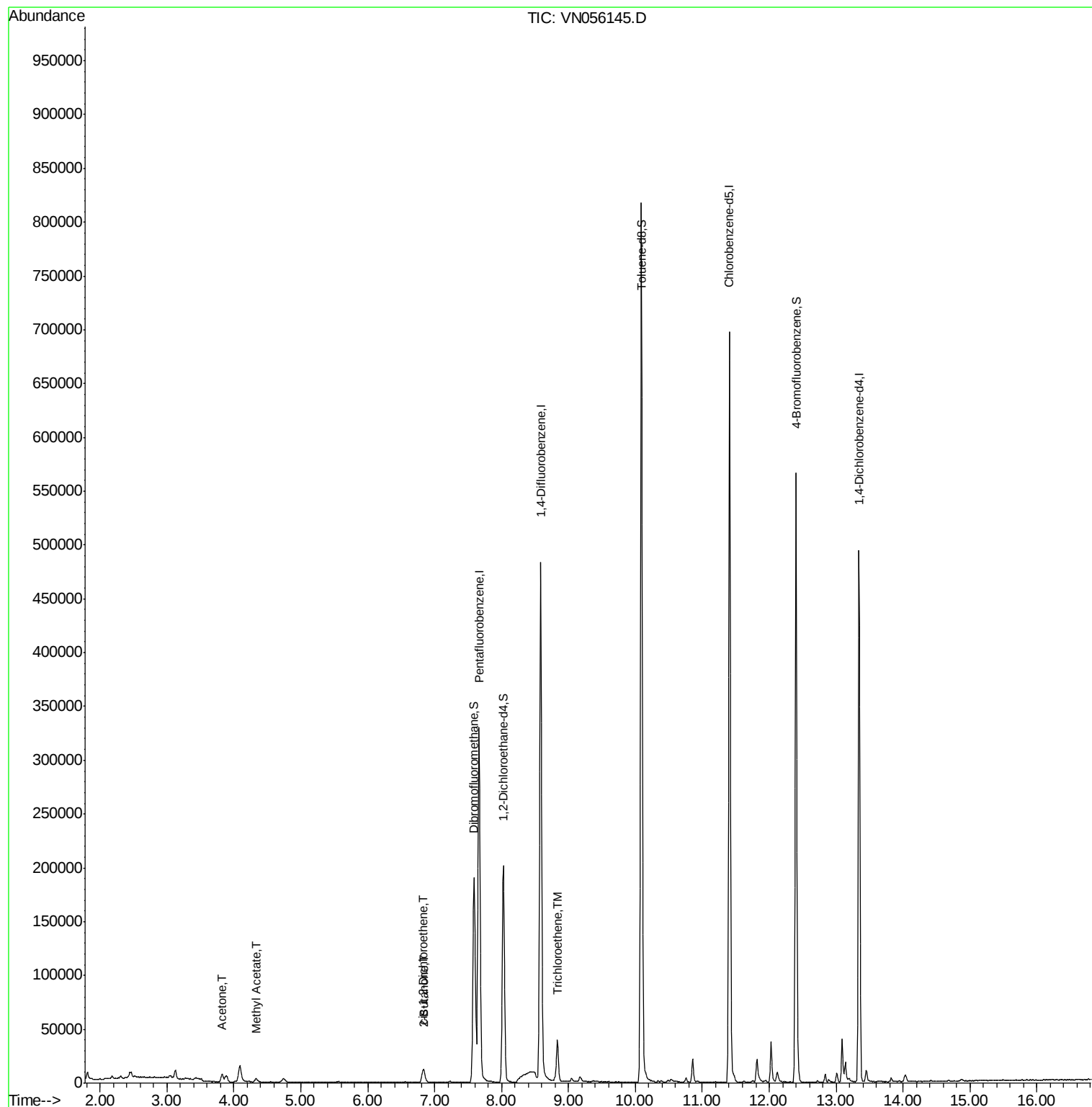
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	315456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	166610	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	7.59	113	146536	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.09	98	608374	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
62) 4-Bromofluorobenzene	12.40	95	197426	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
Target Compounds						
16) Acetone	3.82	43	12494	8.340	ug/l	94
18) Methyl Acetate	4.33	43	6916	1.793	ug/l #	88
25) 2-Butanone	6.85	43	3873	2.046	ug/l #	89
27) cis-1,2-Dichloroethene	6.83	96	7390	2.216	ug/l	90
44) Trichloroethene	8.83	130	16074	4.477	ug/l	97

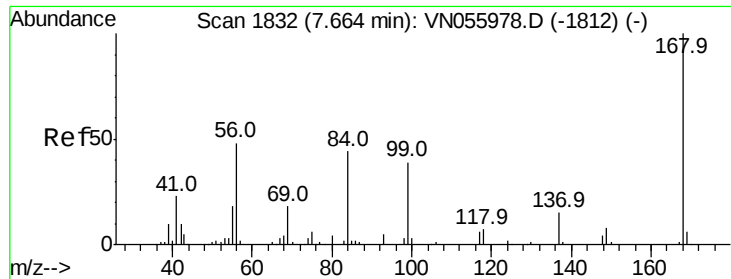
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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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: VN056145.D

Acq: 8 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

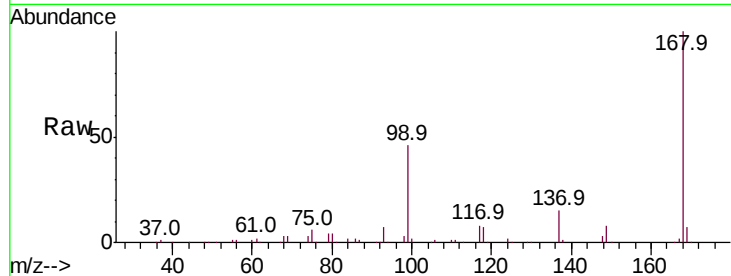
SP19-CHY02

Tot Ion:168 Resp: 315456

Ion Ratio Lower Upper

168 100

99 45.7 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

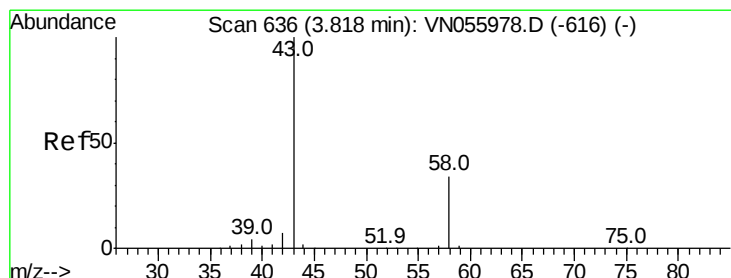
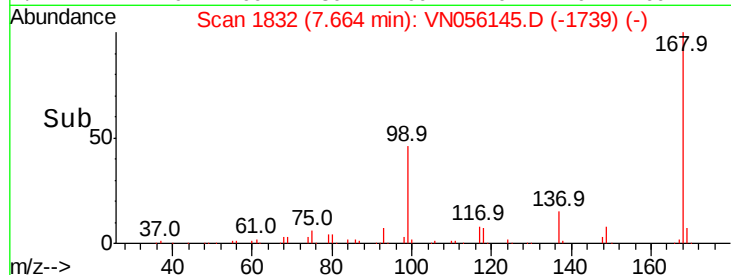
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.340 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056145.D

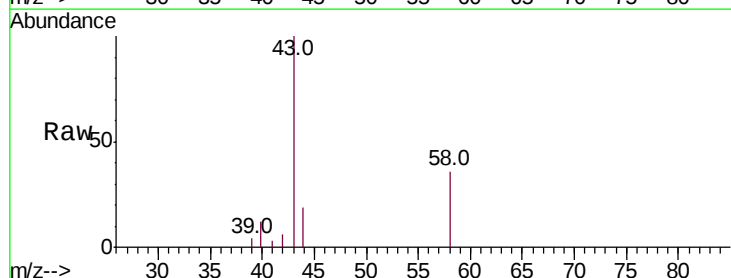
Acq: 8 Jun 2019 11:37

Tgt Ion: 43 Resp: 12494

Ion Ratio Lower Upper

43 100

58 36.5 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

5000

4000

3000

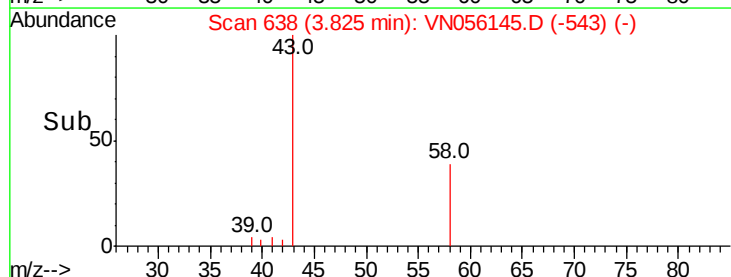
2000

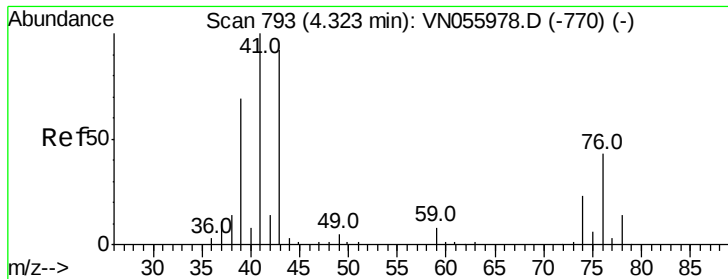
1000

0

3.75 3.80 3.85 3.90

Time-->

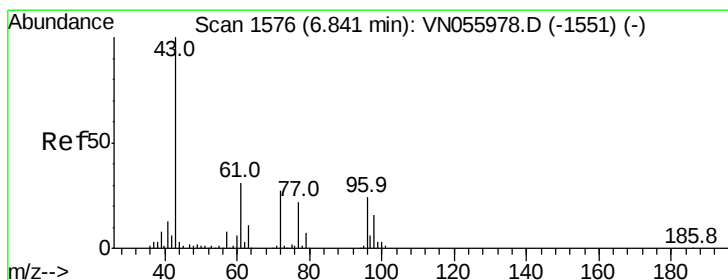
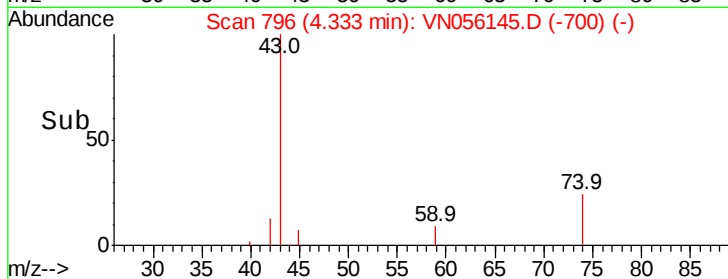
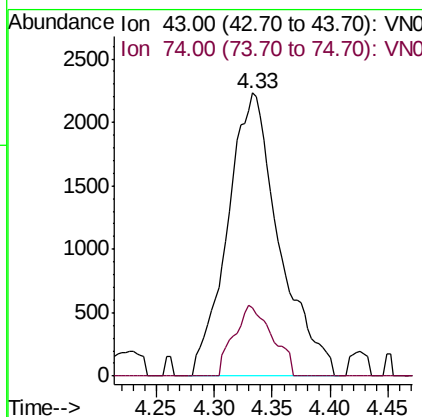
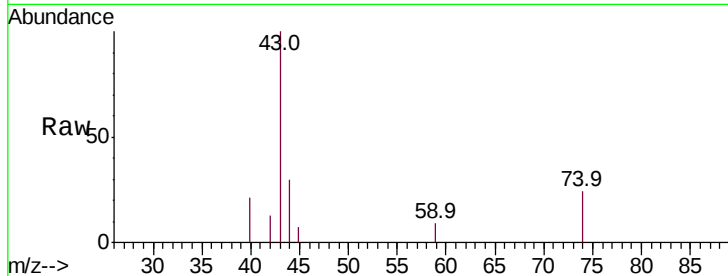




#18
Methyl Acetate
Concen: 1.793 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056145.D
Acq: 8 Jun 2019 11:37

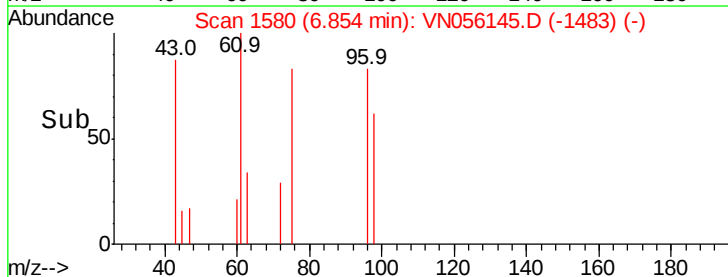
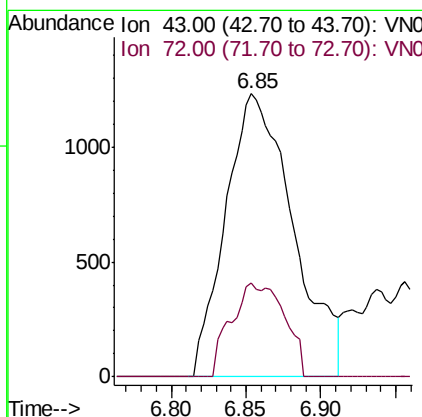
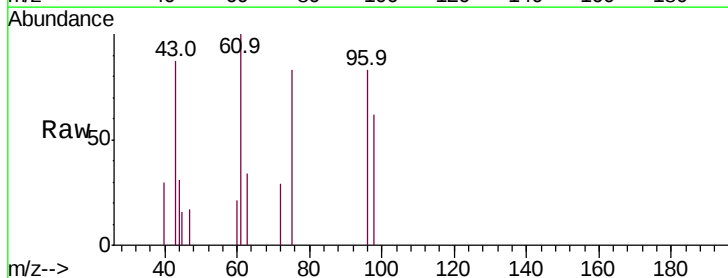
Instrument :
MSVOA_N
ClientSampleId :
SP19-CHY02

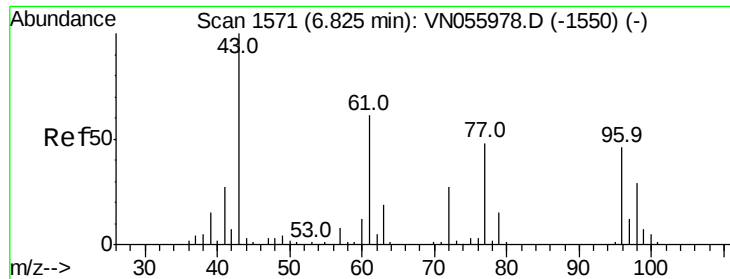
Tot Ion: 43 Resp: 6916
Ion Ratio Lower Upper
43 100
74 18.4 19.3 28.9#



#25
2-Butanone
Concen: 2.046 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN056145.D
Acq: 8 Jun 2019 11:37

Tgt Ion: 43 Resp: 3873
Ion Ratio Lower Upper
43 100
72 33.1 21.9 32.9#





#27

cis-1,2-Dichloroethene

Concen: 2.216 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056145.D

Acq: 8 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

SP19-CHY02

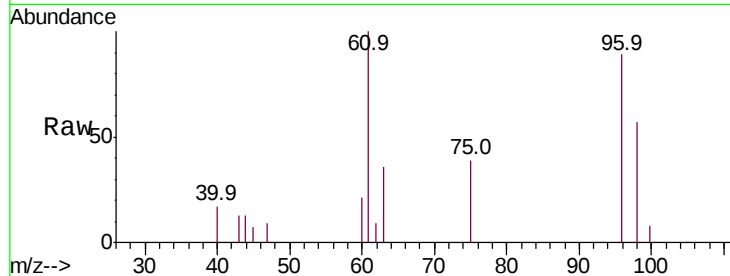
Tot Ion: 96 Resp: 7390

Ion Ratio Lower Upper

96 100

61 121.0 0.0 275.8

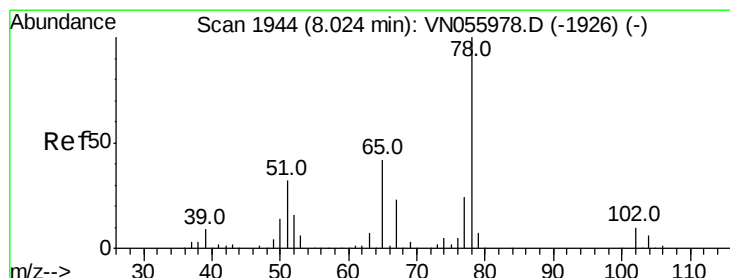
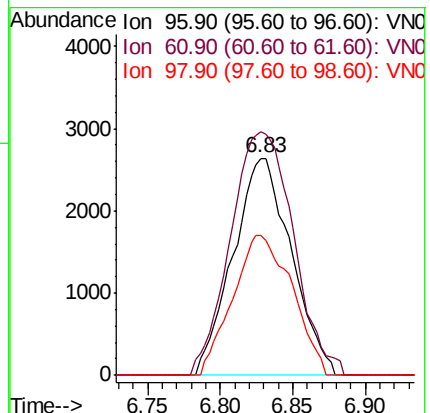
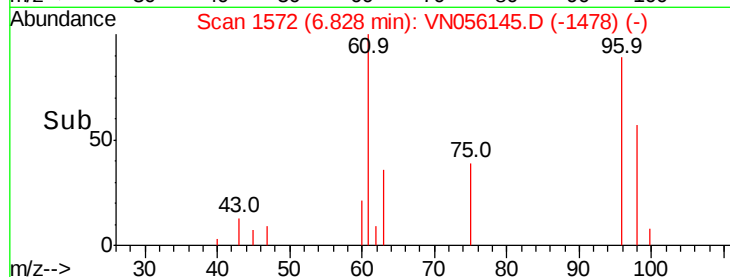
98 65.5 0.0 128.4



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: 53.192 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056145.D

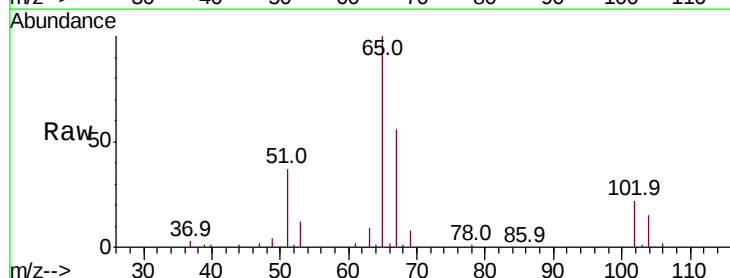
Acq: 8 Jun 2019 11:37

Tgt Ion: 65 Resp: 166610

Ion Ratio Lower Upper

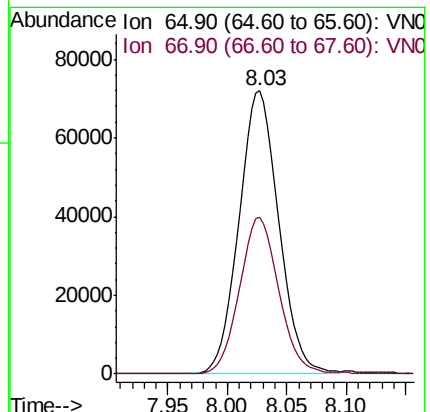
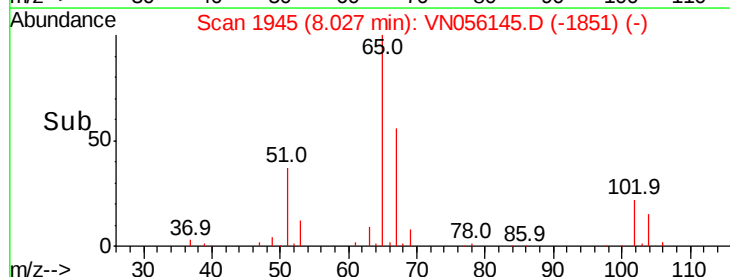
65 100

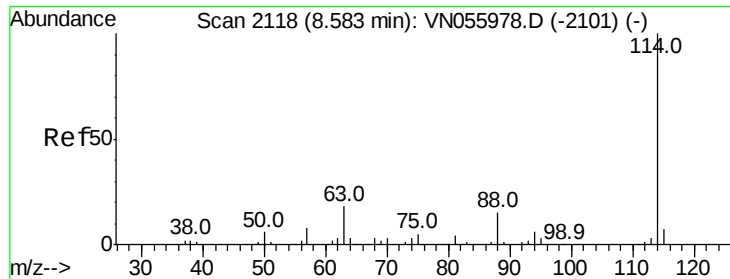
67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

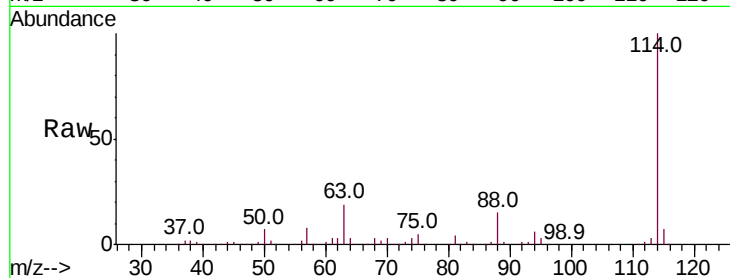




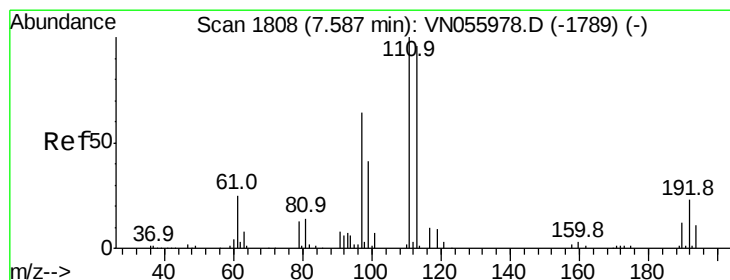
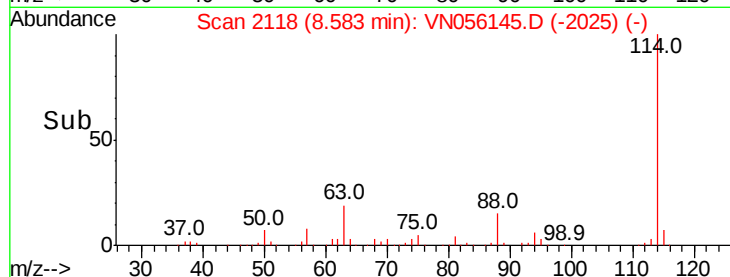
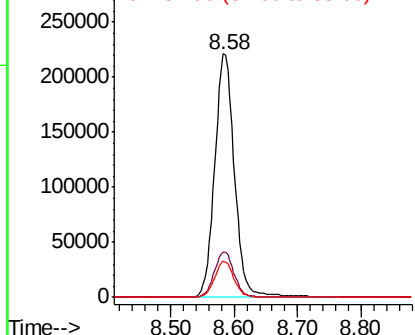
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056145.D
 Acq: 8 Jun 2019 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-CHY02

Tot Ion:114 Resp: 478422
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.9 0.0 31.0

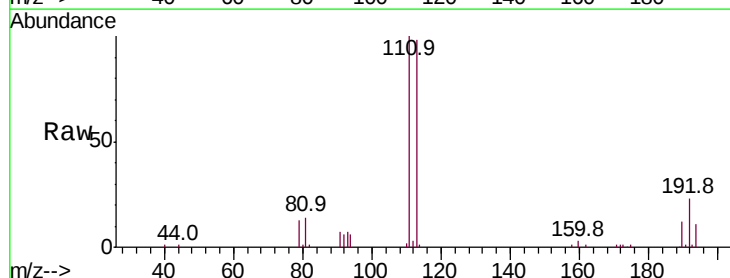


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

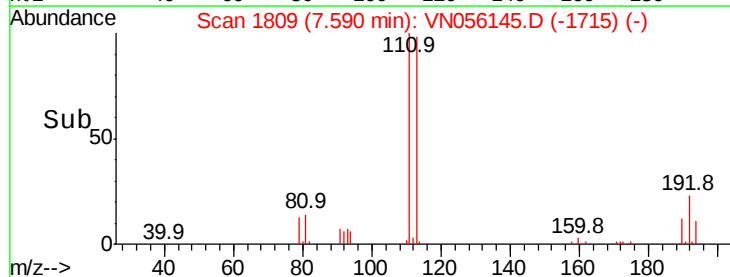
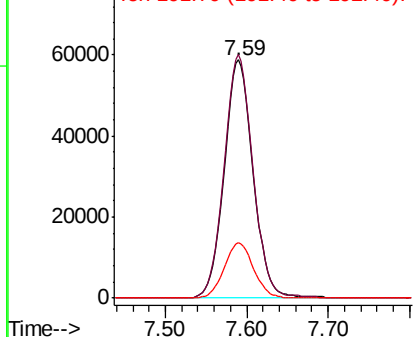


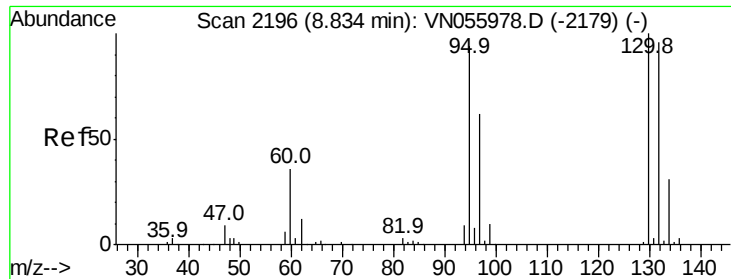
#35
 Dibromofluoromethane
 Concen: 49.922 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056145.D
 Acq: 8 Jun 2019 11:37

Tgt Ion:113 Resp: 146536
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.9 122.9
 192 23.5 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

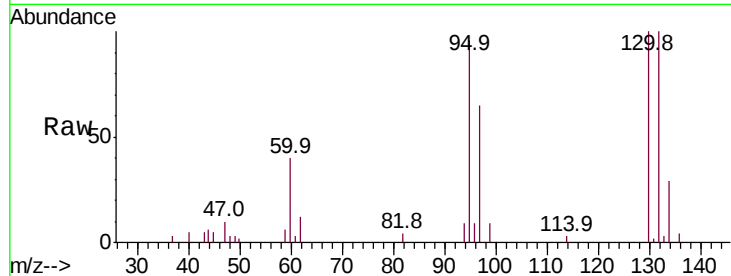




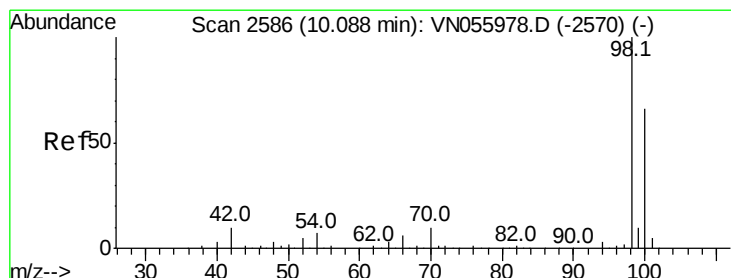
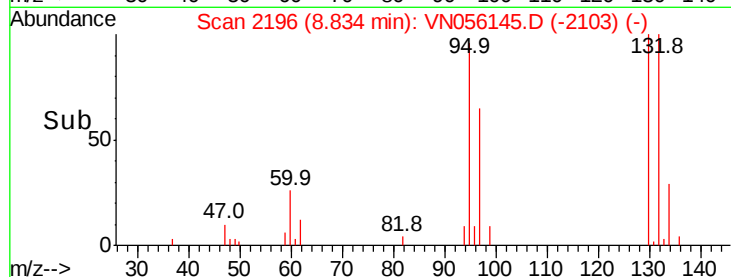
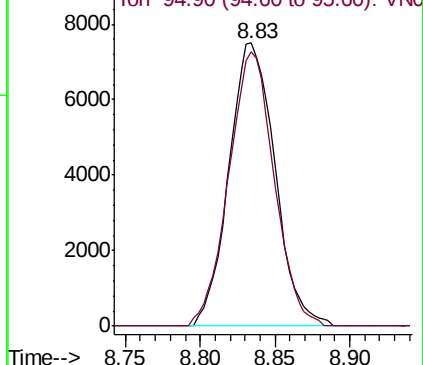
#44
 Trichloroethene
 Concen: 4.477 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056145.D
 Acq: 8 Jun 2019 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-CHY02

Tot Ion:130 Resp: 16074
 Ion Ratio Lower Upper
 130 100
 95 96.8 0.0 188.0

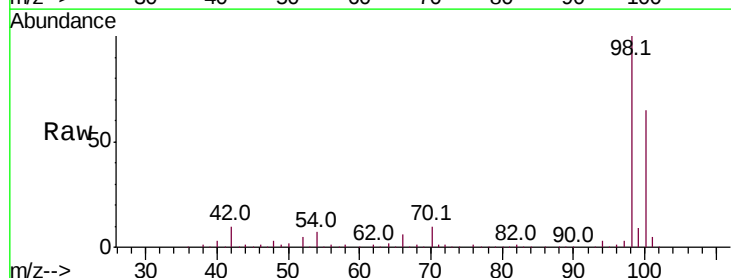


Abundance Ion 129.80 (129.50 to 130.50): V

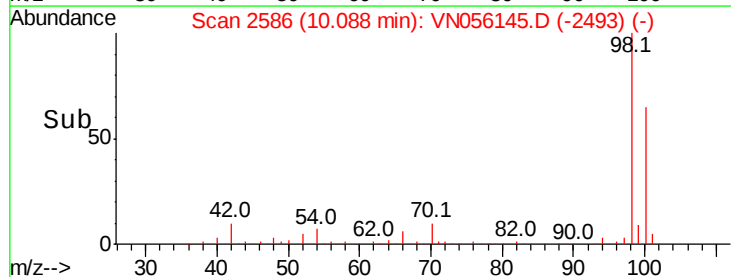
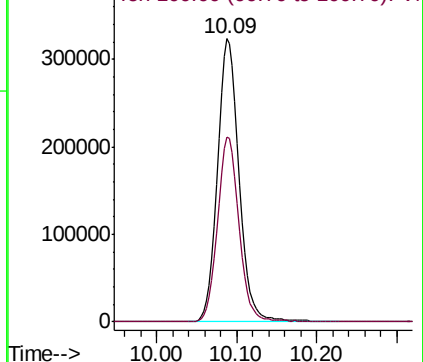


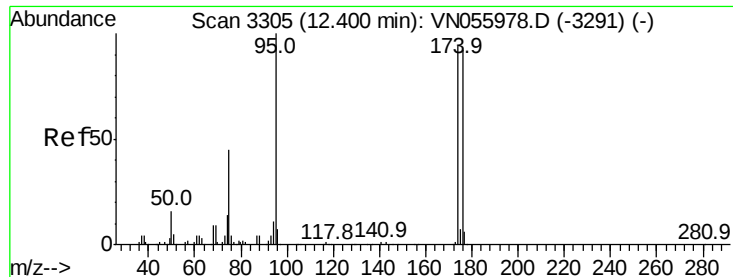
#50
 Toluene-d8
 Concen: 53.862 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056145.D
 Acq: 8 Jun 2019 11:37

Tgt Ion: 98 Resp: 608374
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN





#62

4-Bromofluorobenzene

Concen: 51.398 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056145.D

Acq: 8 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

SP19-CHY02

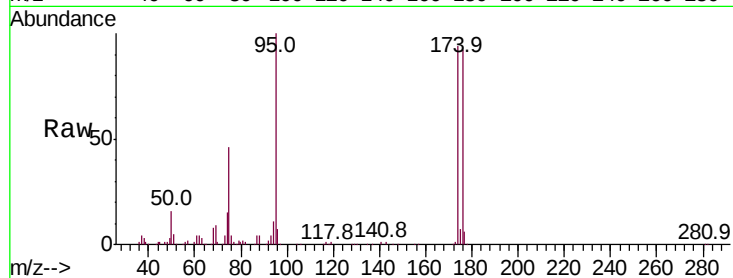
Tot Ion: 95 Resp: 197426

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

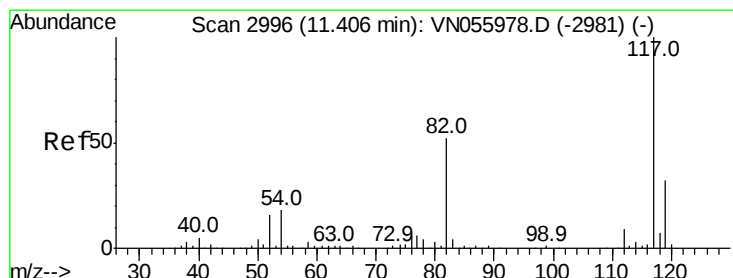
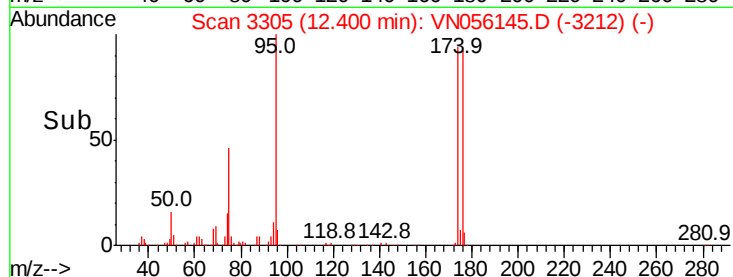
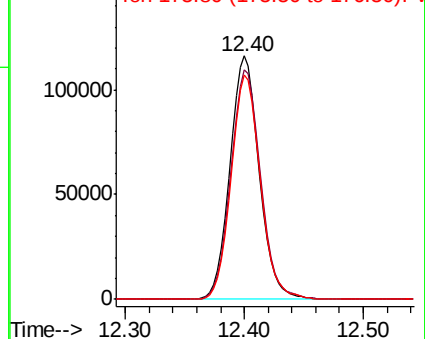
176 92.4 0.0 185.2



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: VN056145.D

Acq: 8 Jun 2019 11:37

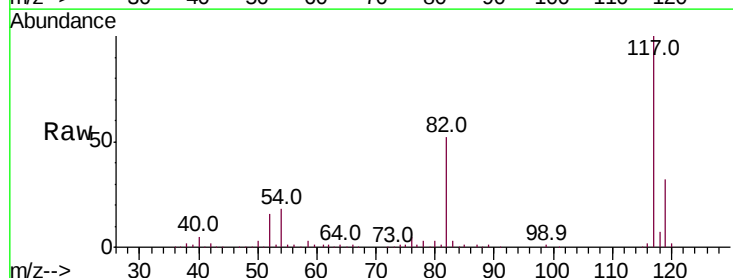
Tgt Ion: 117 Resp: 455070

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

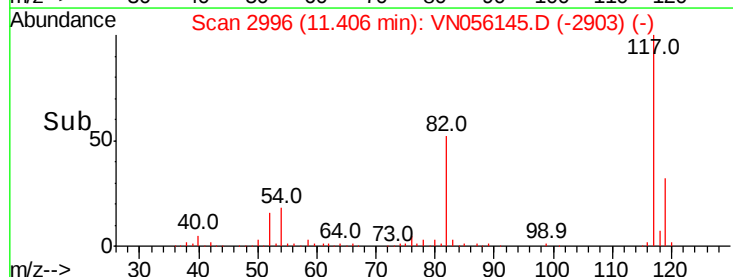
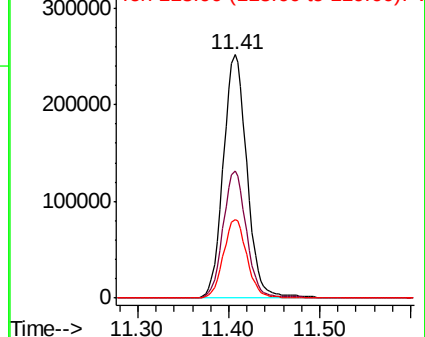
119 32.5 25.4 38.0

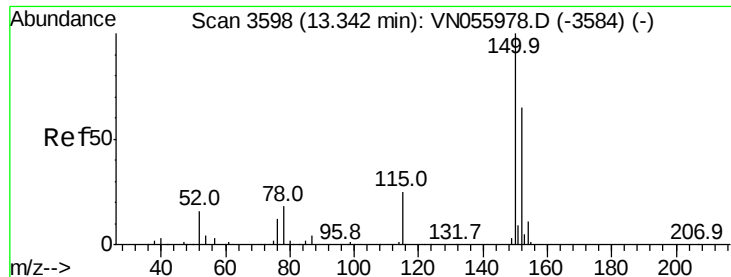


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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: VN056145.D

Acq: 8 Jun 2019 11:37

Instrument :

MSVOA_N

ClientSampleId :

SP19-CHY02

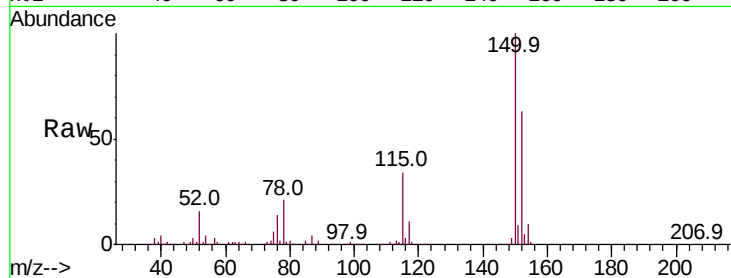
Tot Ion:152 Resp: 150912

Ion Ratio Lower Upper

152 100

115 53.2 27.0 81.0

150 158.0 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

