

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055849.D
 Acq On : 28 May 2019 13:41
 Operator : JC/SP
 Sample : K3041-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: May 29 05:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

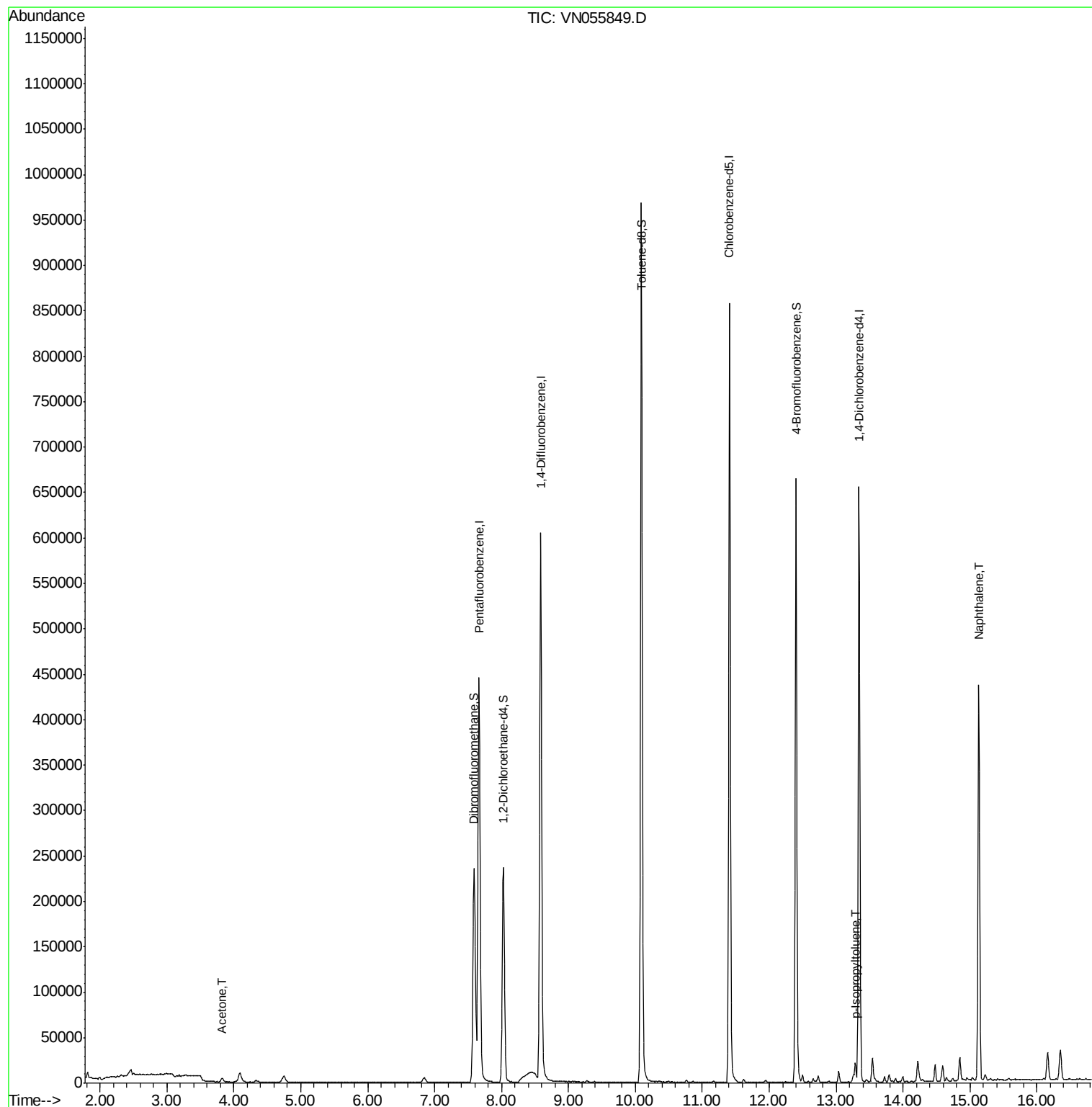
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	428750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	602089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202239	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
35) Dibromofluoromethane	7.59	113	180594	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	712784	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.40	95	230776	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
16) Acetone	3.82	43	7401	3.802	ug/l	89
86) p-Isopropyltoluene	13.29	119	13084	0.956	ug/l	92
95) Naphthalene	15.13	128	402007	44.094	ug/l	99

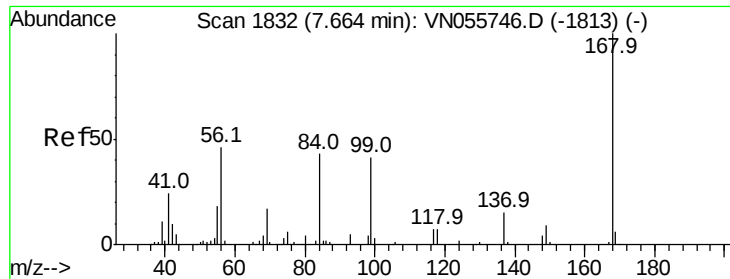
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052819\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 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: VN055849.D

Acq: 28 May 2019 13:41

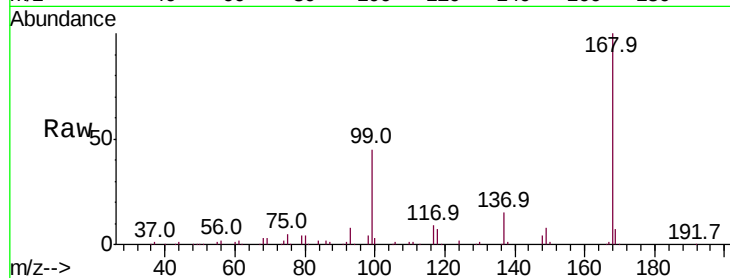
Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:168 Resp: 428750

Ion Ratio Lower Upper

168 100

99 45.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

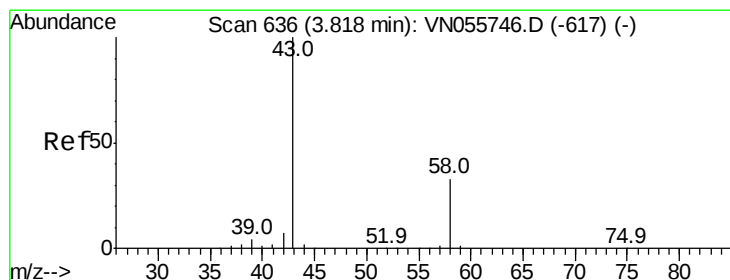
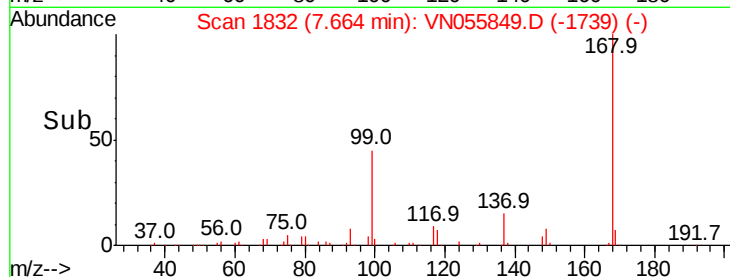
50000

0

7.50 7.60 7.70 7.80

7.66

Time-->



#16

Acetone

Concen: 3.802 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055849.D

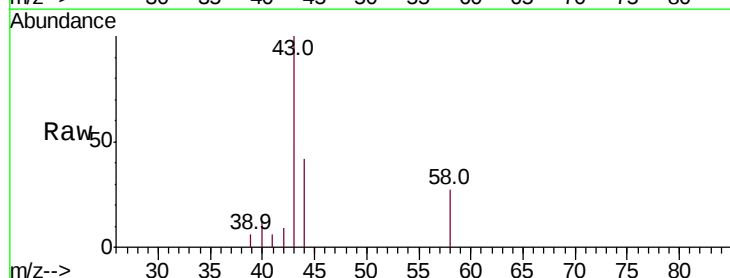
Acq: 28 May 2019 13:41

Tgt Ion: 43 Resp: 7401

Ion Ratio Lower Upper

43 100

58 26.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3000

2500

2000

1500

1000

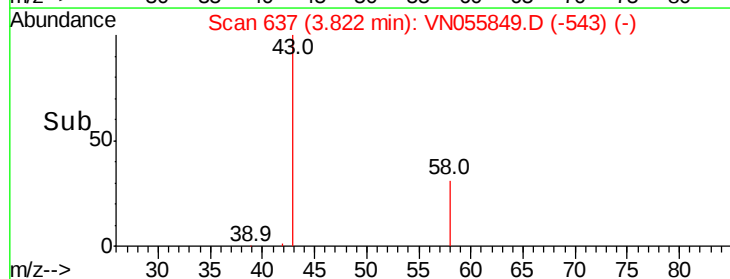
500

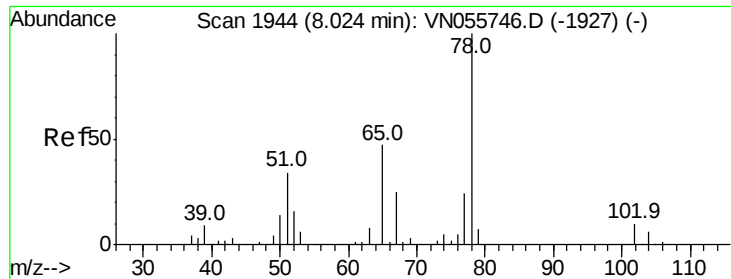
0

3.75 3.80 3.85 3.90

3.82

Time-->

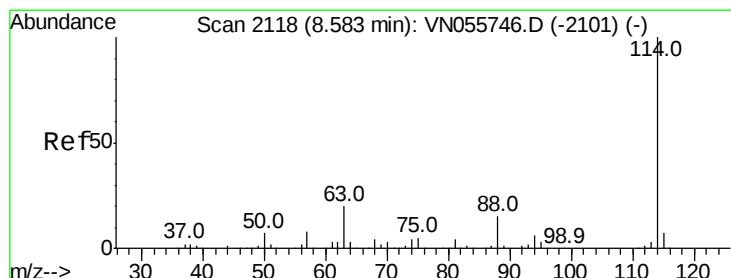
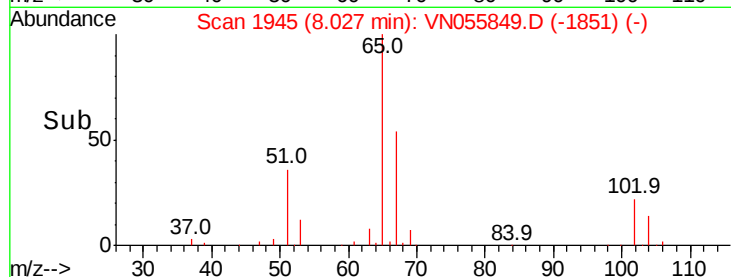
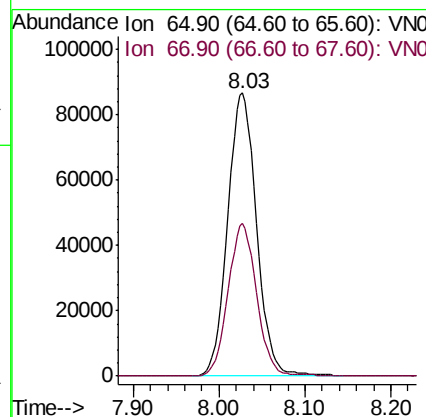
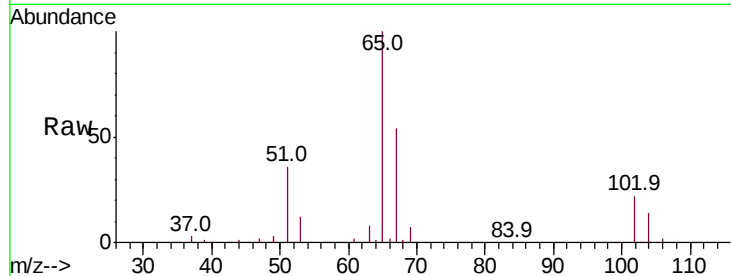




#33
 1,2-Dichloroethane-d4
 Concen: 45.675 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055849.D
 Acq: 28 May 2019 13:41

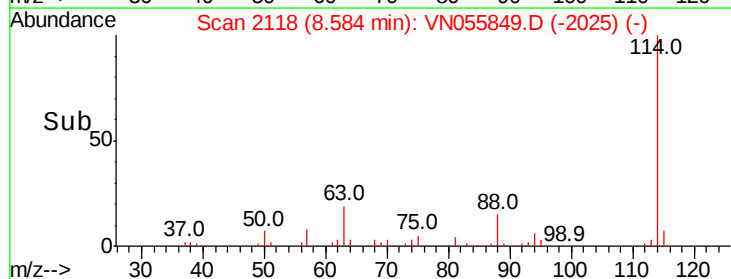
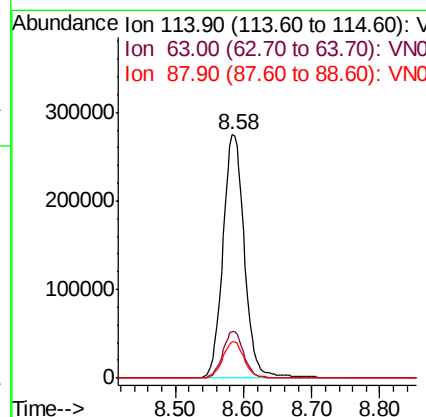
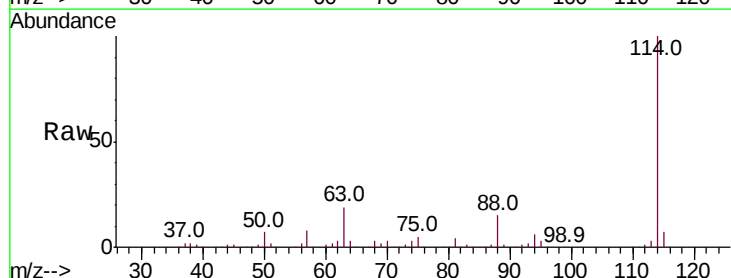
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

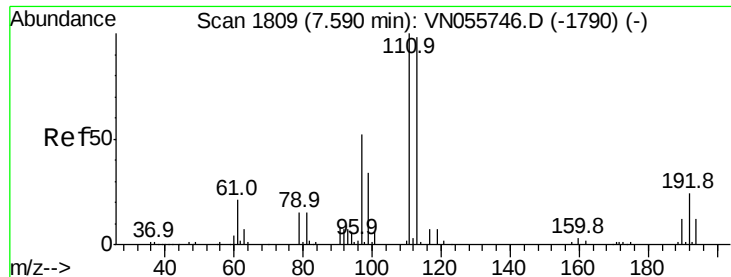
Tot Ion: 65 Resp: 202239
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055849.D
 Acq: 28 May 2019 13:41

Tgt Ion: 114 Resp: 602089
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 14.9 0.0 31.0

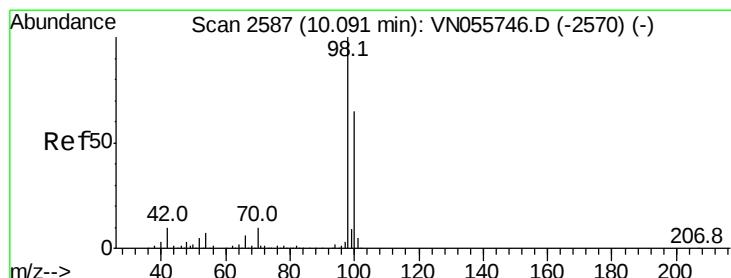
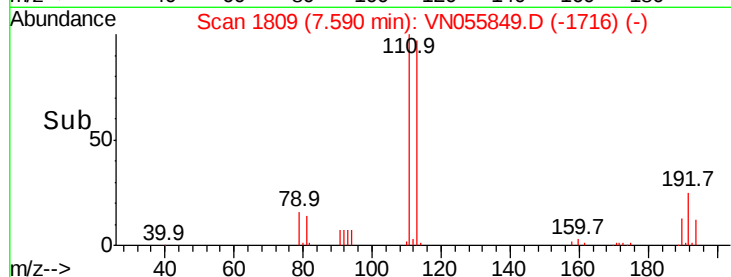
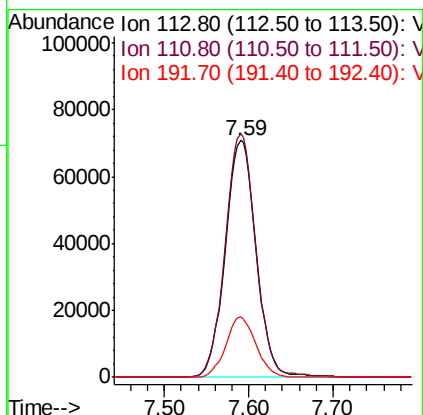
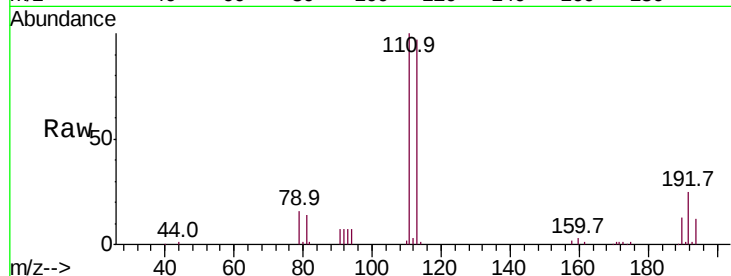




#35
 Dibromofluoromethane
 Concen: 47.442 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055849.D
 Acq: 28 May 2019 13:41

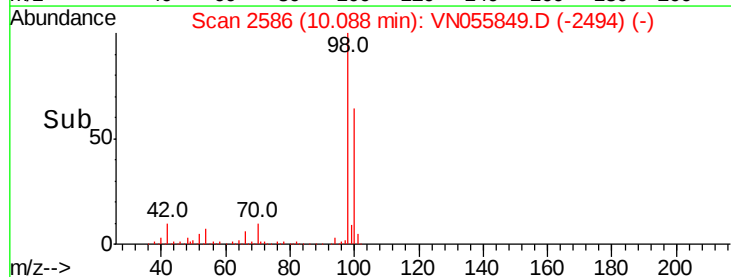
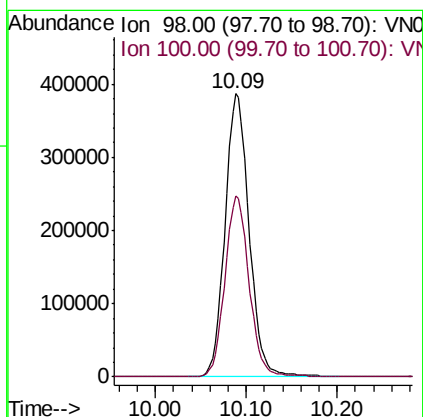
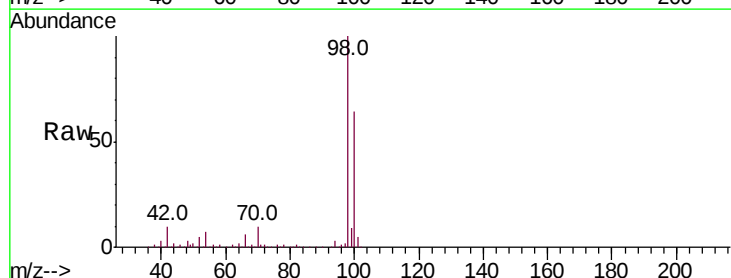
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

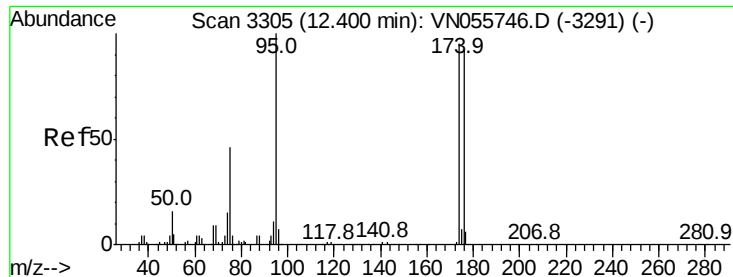
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	24.9	19.5	29.3



#50
 Toluene-d8
 Concen: 48.815 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055849.D
 Acq: 28 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 46.093 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055849.D

Acq: 28 May 2019 13:41

Instrument :

MSVOA_N

ClientSampled :

TP-2

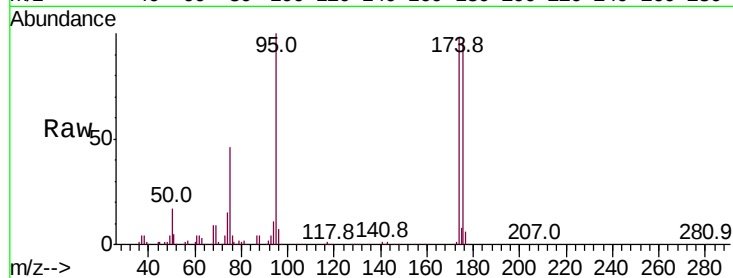
Tot Ion: 95 Resp: 230776

Ion Ratio Lower Upper

95 100

174 96.4 0.0 191.0

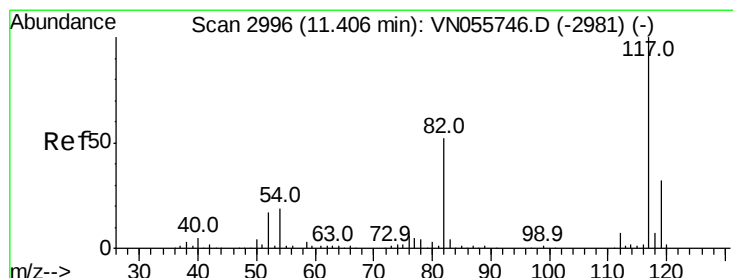
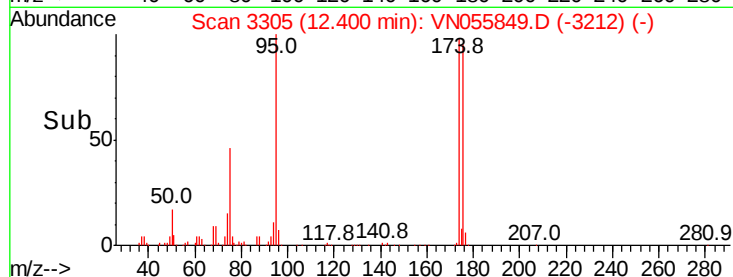
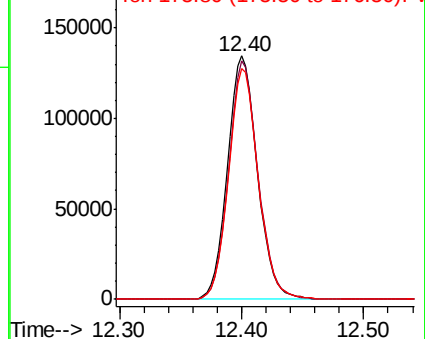
176 94.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055849.D

Acq: 28 May 2019 13:41

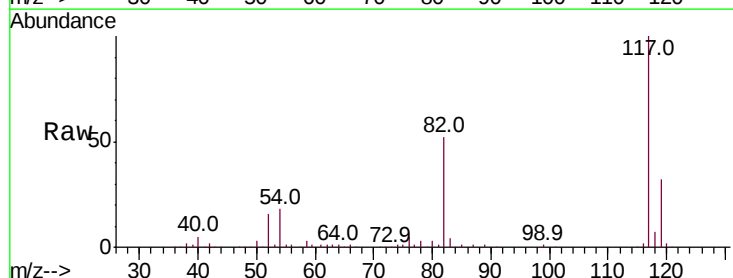
Tgt Ion: 117 Resp: 542137

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

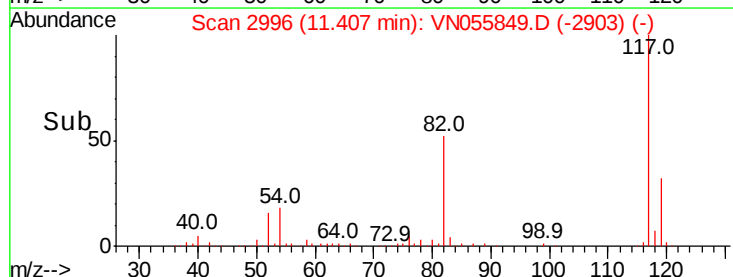
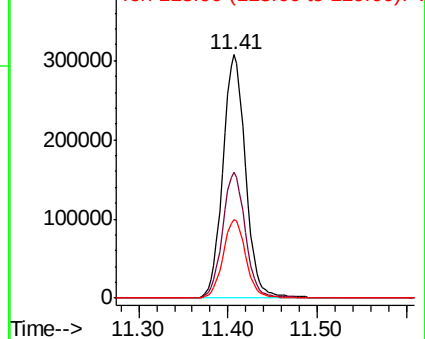
119 32.3 25.4 38.0

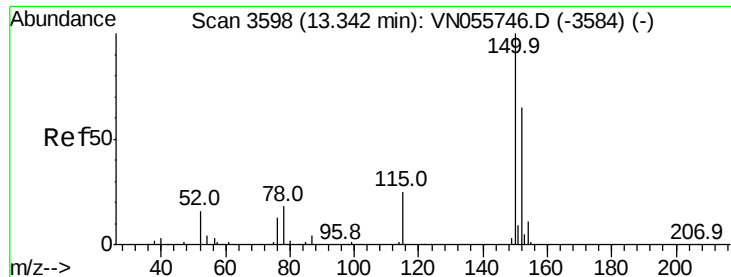


Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.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: VN055849.D

Acq: 28 May 2019 13:41

Instrument :

MSVOA_N

ClientSampled :

TP-2

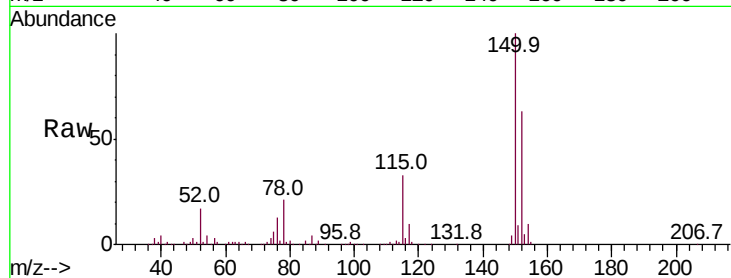
Tot Ion:152 Resp: 197088

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

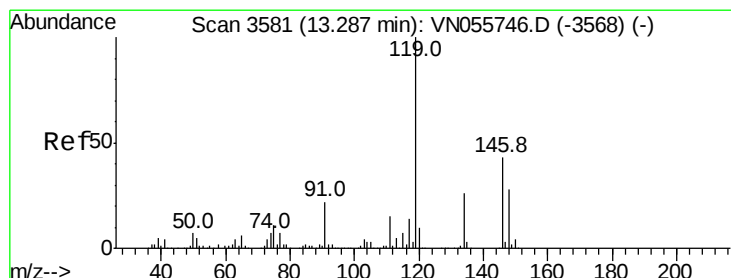
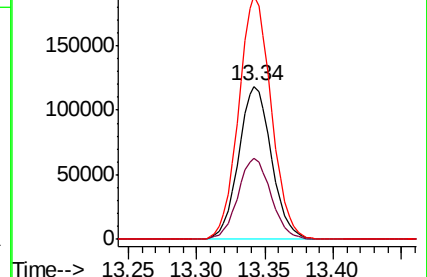
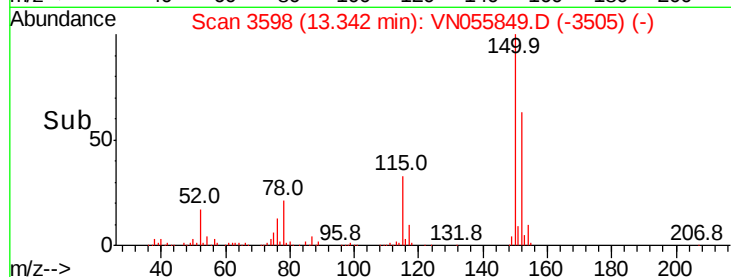
150 158.3 0.0 343.2



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



#86

p-Isopropyltoluene

Concen: 0.956 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055849.D

Acq: 28 May 2019 13:41

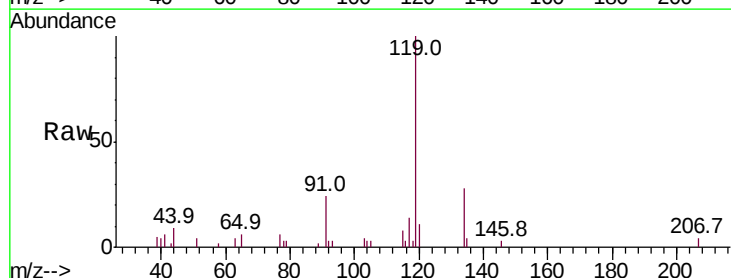
Tgt Ion:119 Resp: 13084

Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.1

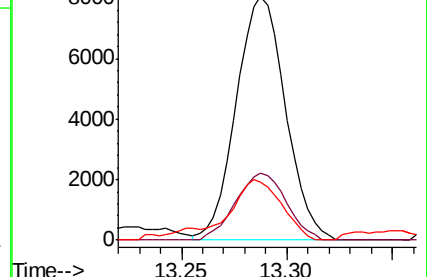
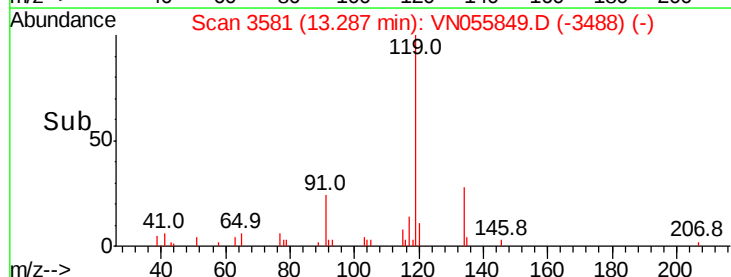
91 28.5 10.9 32.9

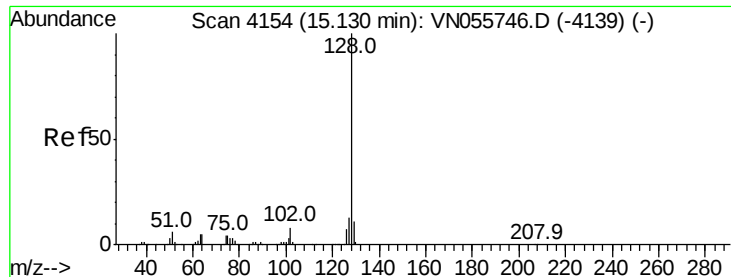


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 44.094 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055849.D

Acq: 28 May 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :

TP-2

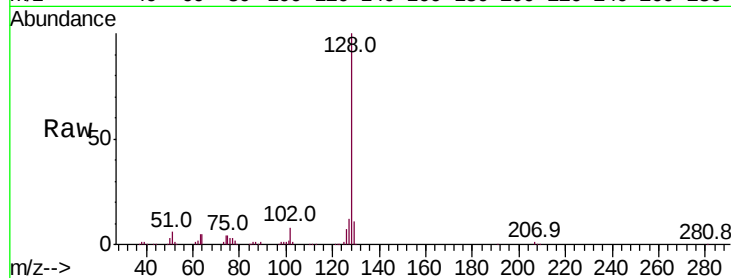
Tot Ion:128 Resp: 402007

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.9 8.7 13.1



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

