

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054239.D
 Acq On : 14 Mar 2019 3:58
 Operator : JC/SP
 Sample : K1871-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Mar 14 08:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1326654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2308630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2517528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1161238	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	756378	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.59	113	715325	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	10.09	98	2918364	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.40	95	1163361	60.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.92%	

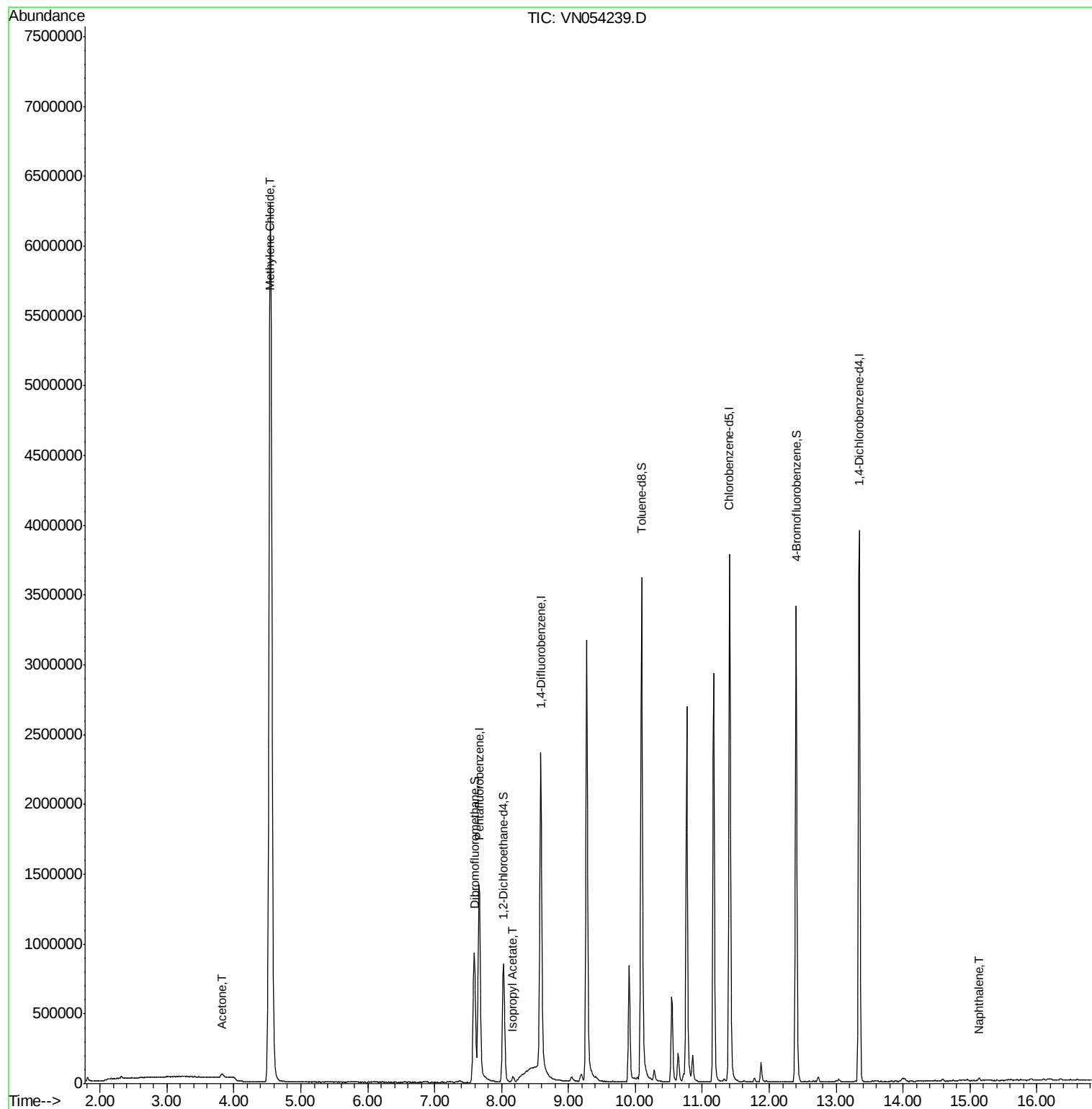
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	42257	10.475	ug/l	99
20) Methylene Chloride	4.54	84	5031311	379.839	ug/l	99
43) Isopropyl Acetate	8.17	43	45486	2.121	ug/l	97
95) Naphthalene	15.14	128	17258	3.785	ug/l	99

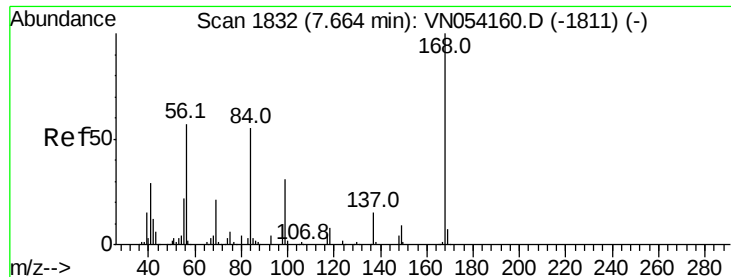
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054239.D

Acq: 14 Mar 2019 3:58

Instrument :

MSVOA_N

ClientSampleId :

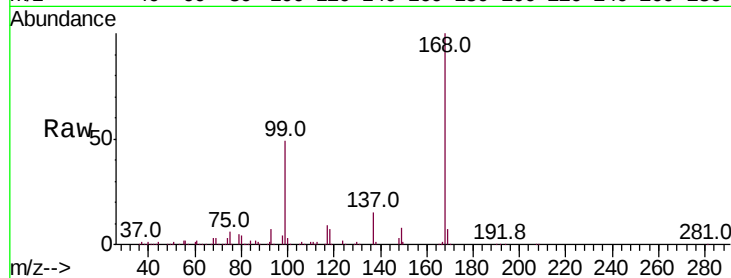
TP-2

Tot Ion:168 Resp: 1326654

Ion Ratio Lower Upper

168 100

99 48.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

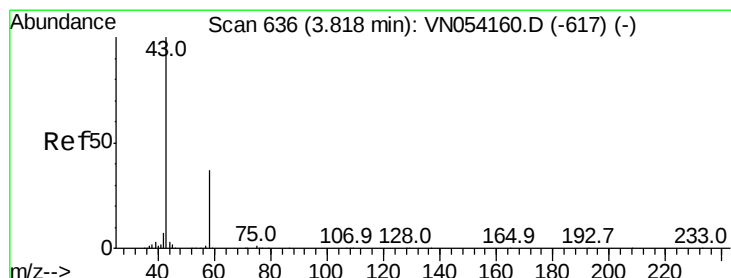
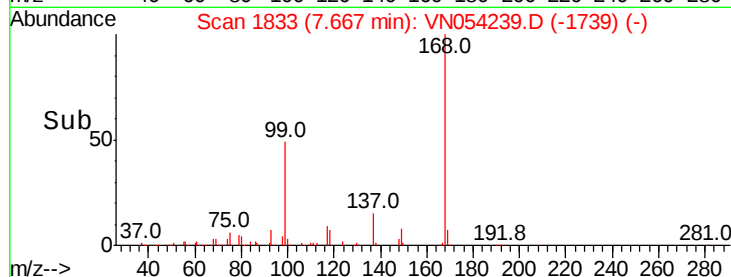
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.475 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054239.D

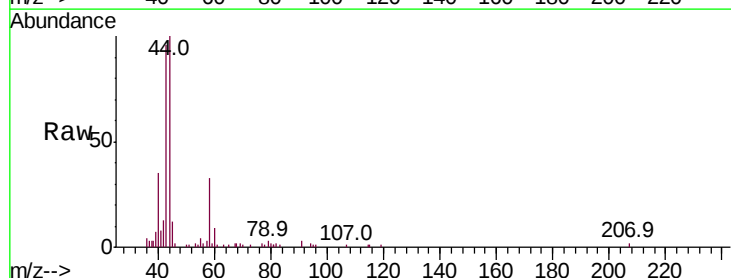
Acq: 14 Mar 2019 3:58

Tgt Ion: 43 Resp: 42257

Ion Ratio Lower Upper

43 100

58 36.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

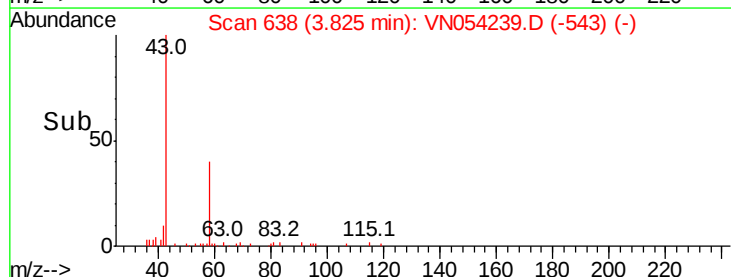
15000

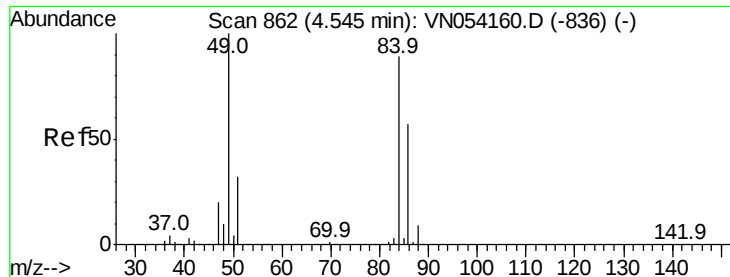
10000

5000

0

Time-->



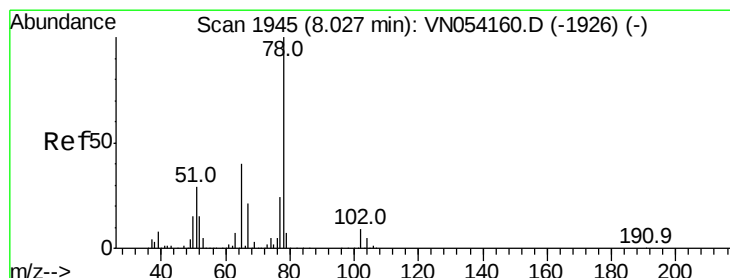
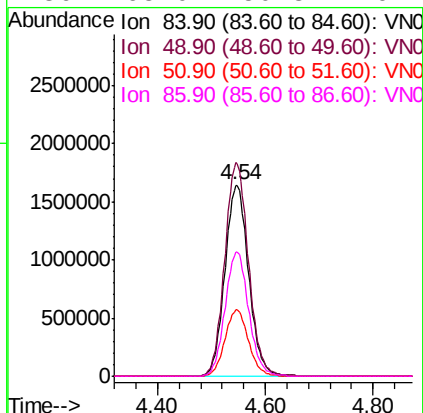
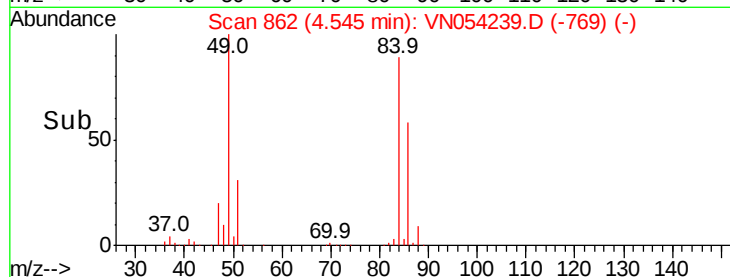
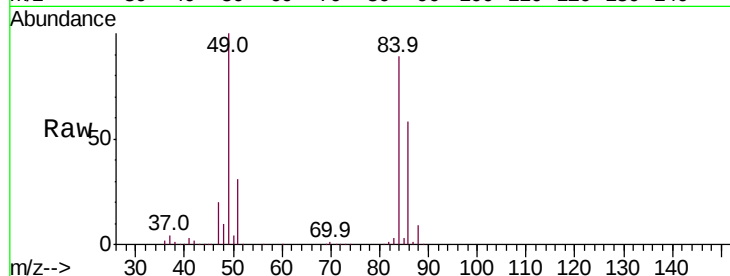


#20
Methvlene Chloride
Concen: 379.839 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054239.D
Acq: 14 Mar 2019 3:58

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 84 Resp: 5031311

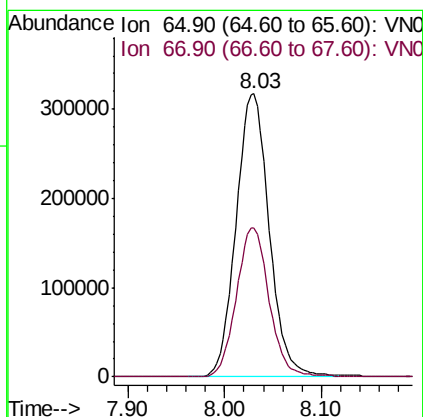
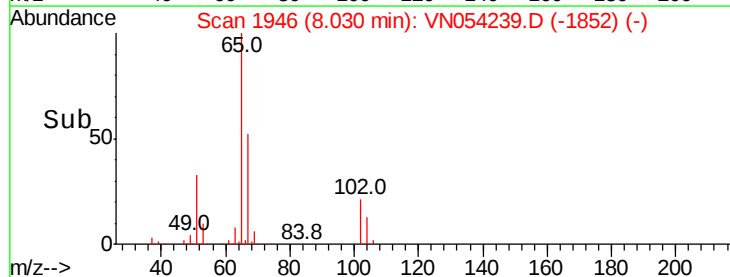
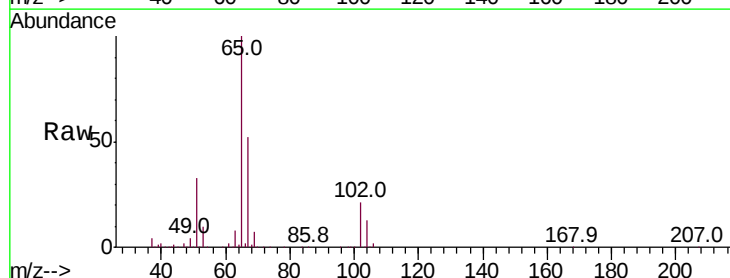
Ion	Ratio	Lower	Upper
84	100		
49	111.9	89.7	134.5
51	34.8	28.2	42.4
86	65.0	50.8	76.2

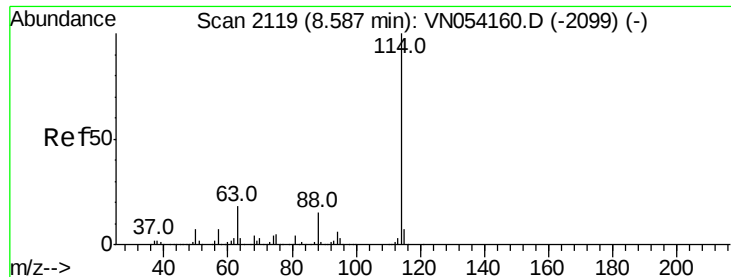


#33
1,2-Dichloroethane-d4
Concen: 53.685 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054239.D
Acq: 14 Mar 2019 3:58

Tgt Ion: 65 Resp: 756378

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054239.D

Acq: 14 Mar 2019 3:58

Instrument :

MSVOA_N

ClientSampled :

TP-2

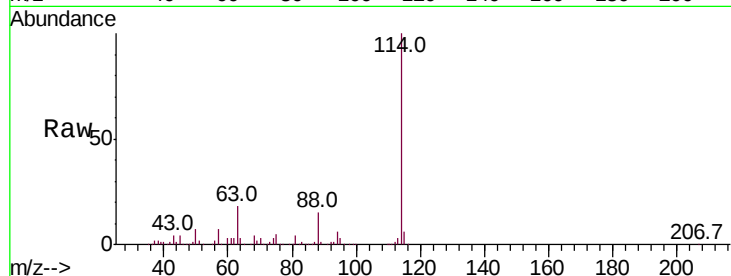
Tot Ion:114 Resp: 2308630

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

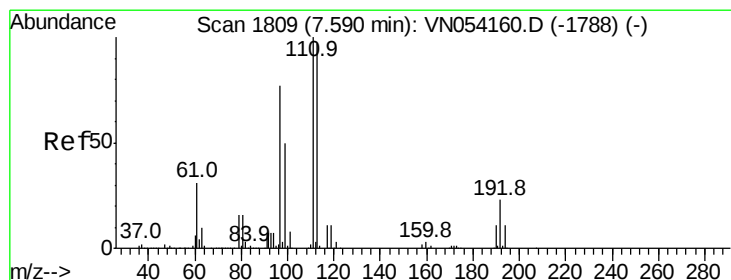
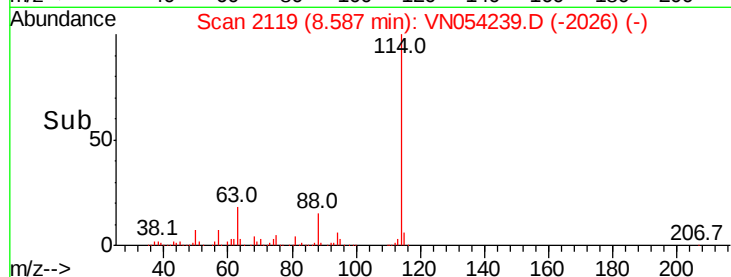
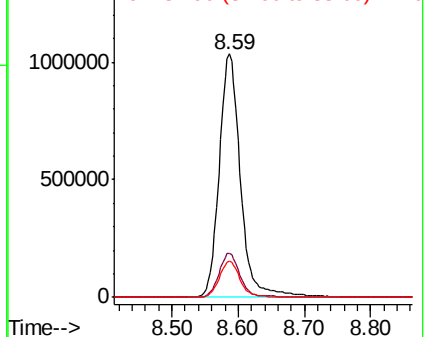
88 15.0 0.0 30.2



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: 48.042 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054239.D

Acq: 14 Mar 2019 3:58

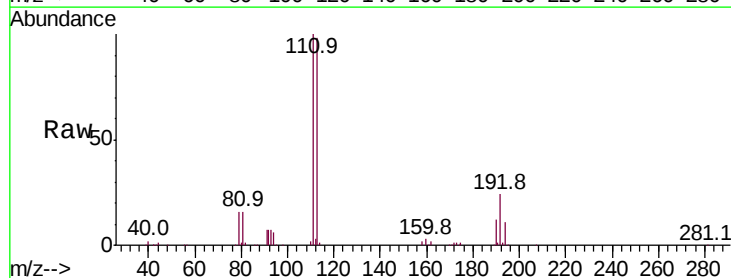
Tgt Ion:113 Resp: 715325

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

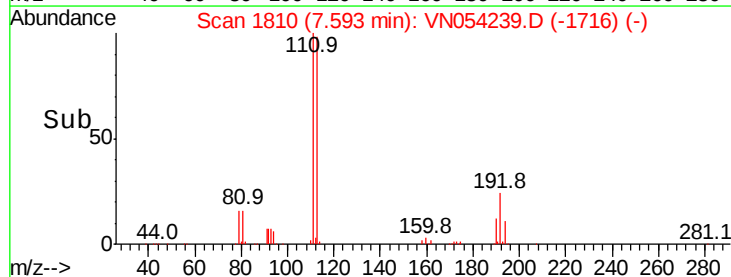
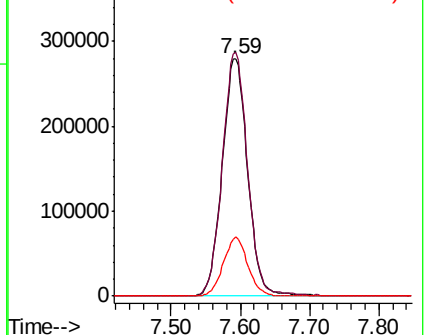
192 24.0 19.2 28.8

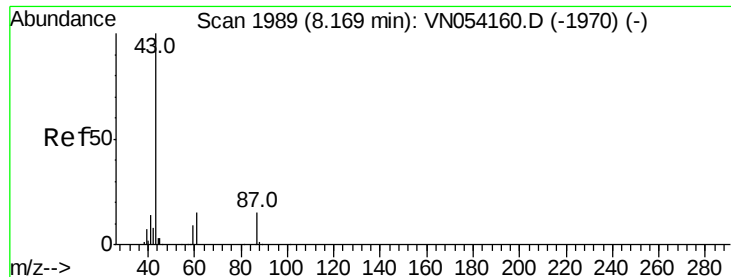


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

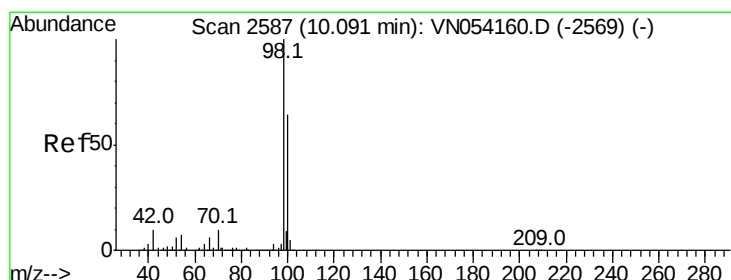
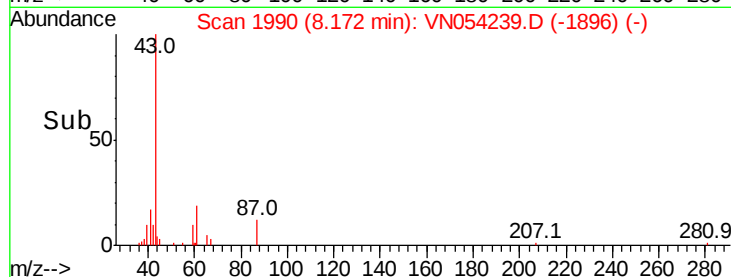
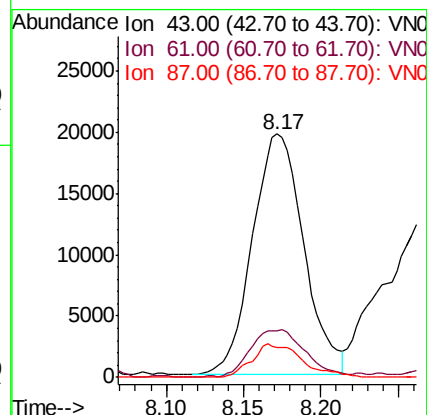
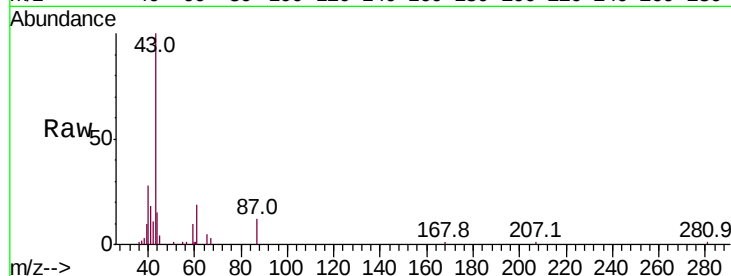




#43
Isopropyl Acetate
Concen: 2.121 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054239.D
Acq: 14 Mar 2019 3:58

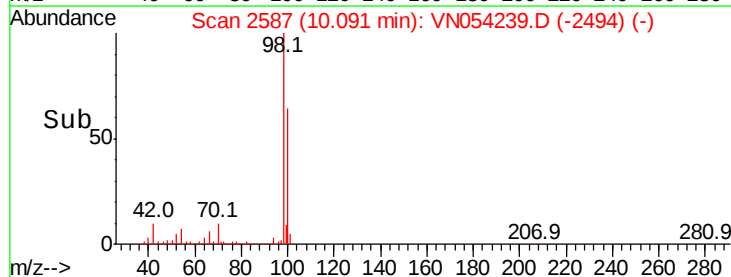
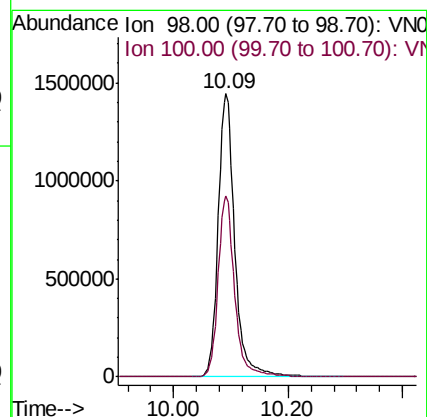
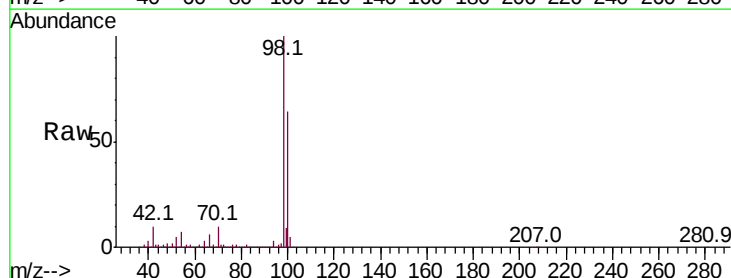
Instrument :
MSVOA_N
ClientSampled :
TP-2

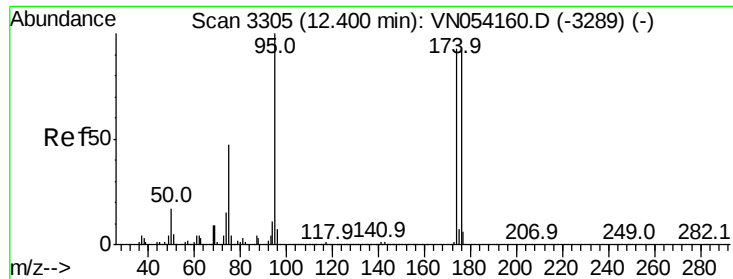
Tot Ion: 43 Resp: 45486
Ion Ratio Lower Upper
43 100
61 21.1 15.8 23.8
87 13.6 12.0 18.0



#50
Toluene-d8
Concen: 53.071 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054239.D
Acq: 14 Mar 2019 3:58

Tgt Ion: 98 Resp: 2918364
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8

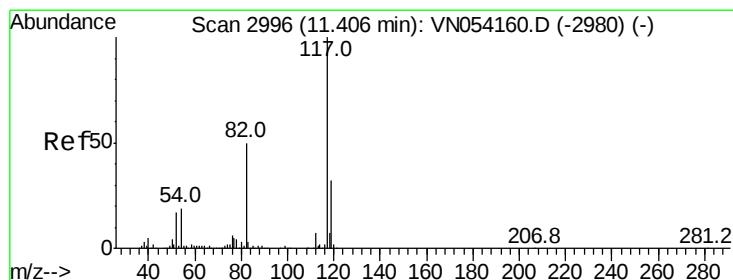
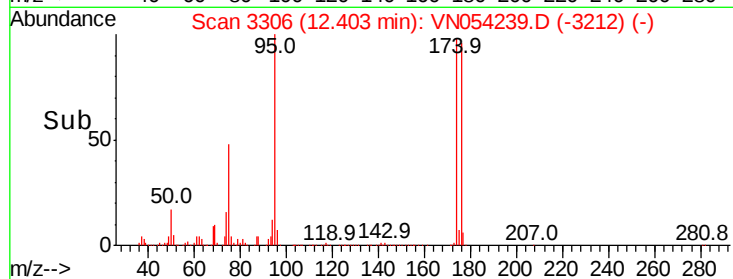
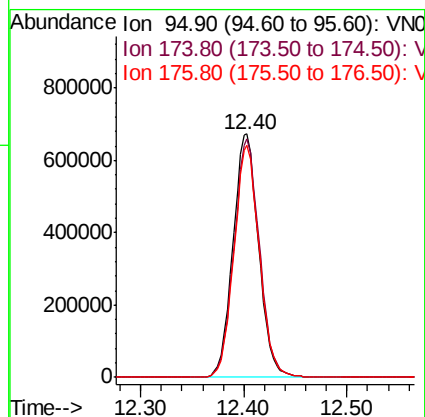
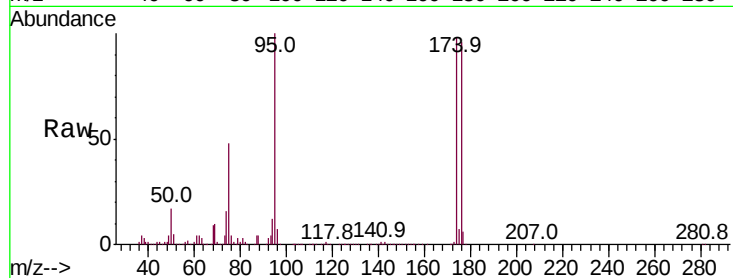




#62
4-Bromofluorobenzene
Concen: 60.463 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054239.D
Acq: 14 Mar 2019 3:58

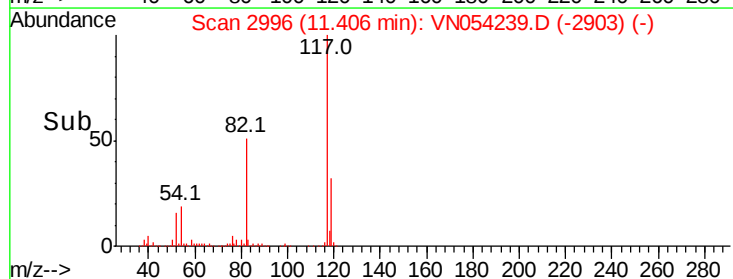
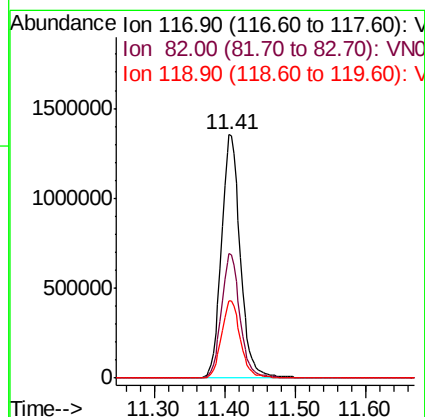
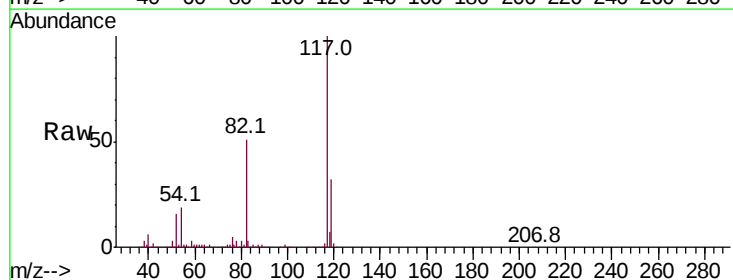
Instrument :
MSVOA_N
ClientSampled :
TP-2

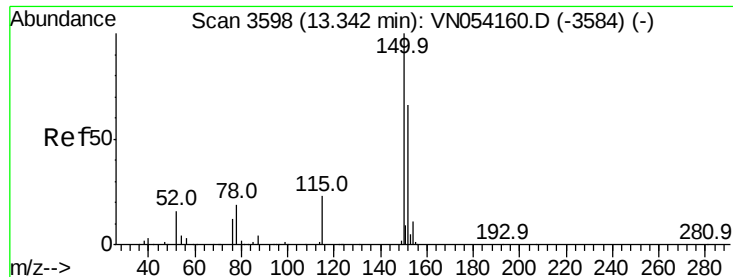
Tot Ion: 95 Resp: 1163361
Ion Ratio Lower Upper
95 100
174 97.9 0.0 191.0
176 94.5 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054239.D
Acq: 14 Mar 2019 3:58

Tgt Ion: 117 Resp: 2517528
Ion Ratio Lower Upper
117 100
82 51.4 40.0 60.0
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054239.D

Acq: 14 Mar 2019 3:58

Instrument :

MSVOA_N

ClientSampleId :

TP-2

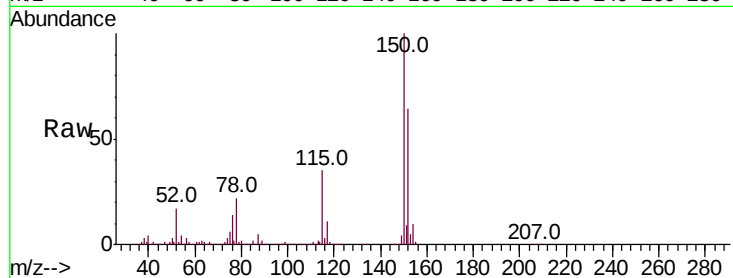
Tot Ion:152 Resp: 1161238

Ion Ratio Lower Upper

152 100

115 55.1 27.2 81.6

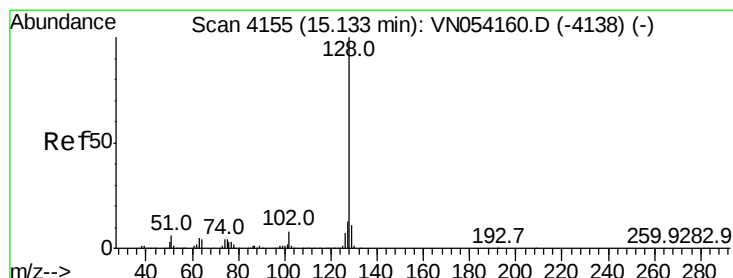
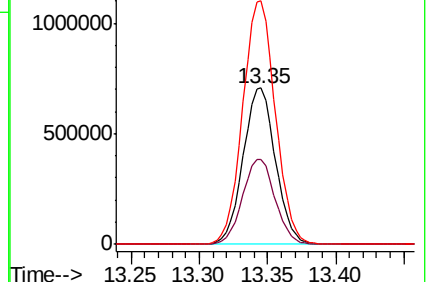
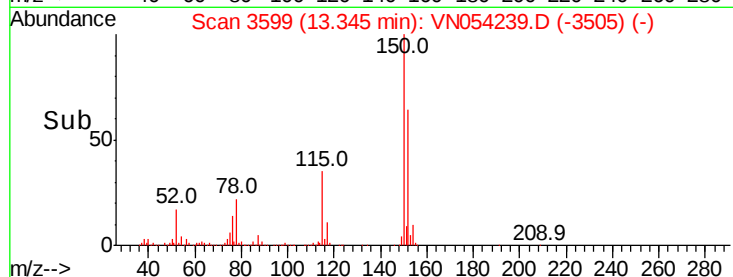
150 157.7 0.0 349.2



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



#95

Naphthalene

Concen: 3.785 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054239.D

Acq: 14 Mar 2019 3:58

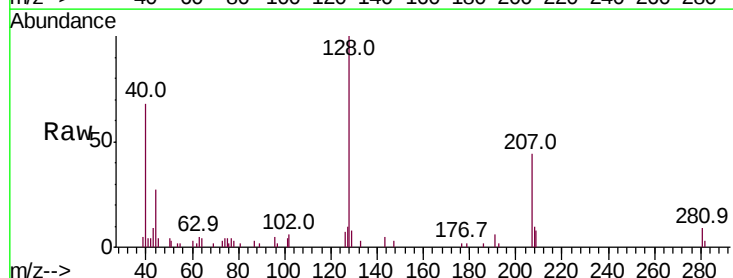
Tgt Ion:128 Resp: 17258

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.5 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

