

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050339.D
 Acq On : 4 Aug 2018 3:00
 Operator : MD\SY
 Sample : J4310-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-2

Quant Time: Aug 04 05:49:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1077483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	937058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	394171	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	460190	51.02	ug/l	0.00
Spiked Amount						
			Recovery	=	102.04%	
35) Dibromofluoromethane	7.59	113	403106	45.82	ug/l	0.00
Spiked Amount						
			Recovery	=	91.64%	
50) Toluene-d8	10.09	98	1476634	45.66	ug/l	0.00
Spiked Amount						
			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.40	95	429609	40.34	ug/l	0.00
Spiked Amount						
			Recovery	=	80.68%	

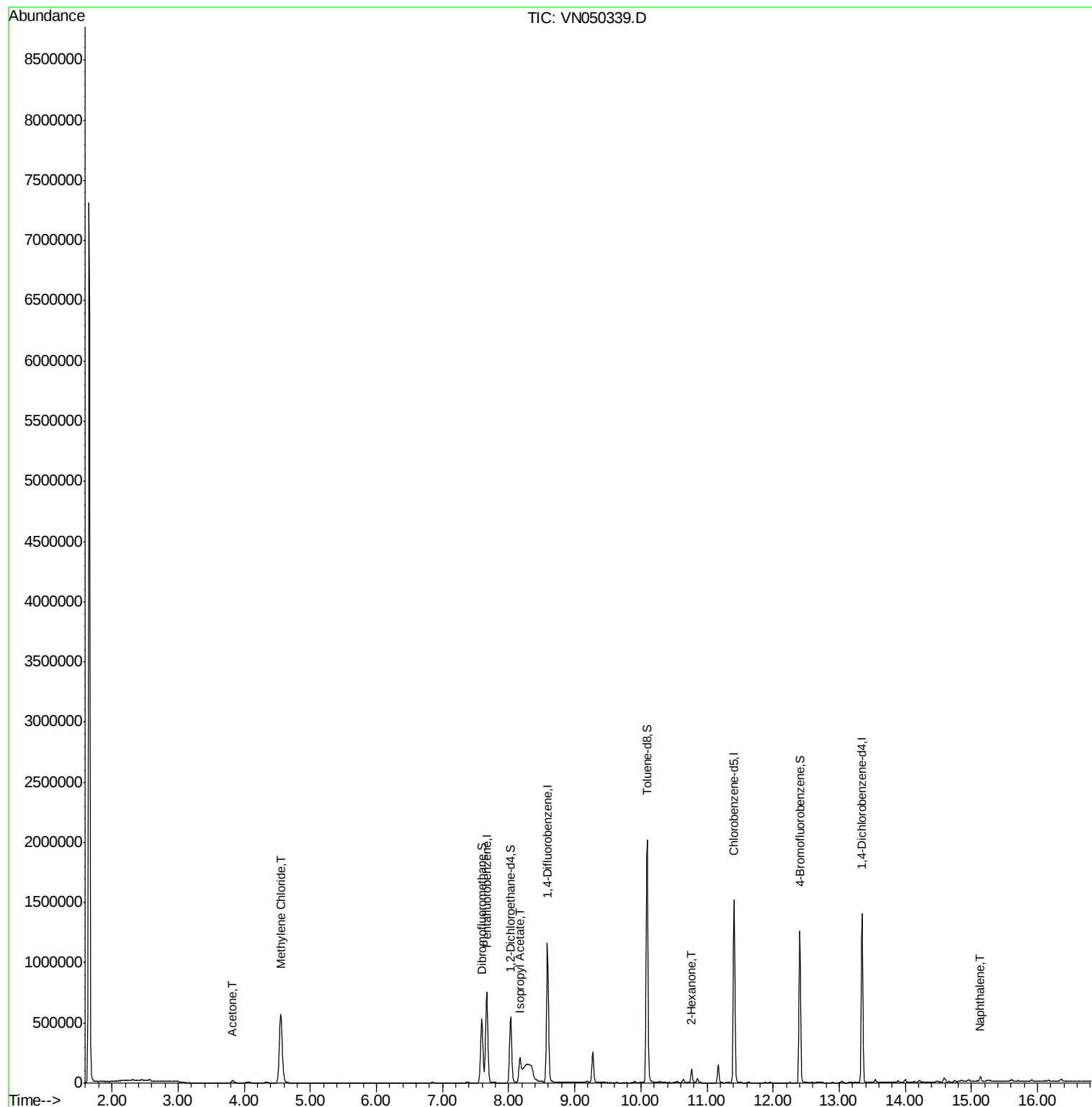
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34422	12.07	ug/l	99
20) Methylene Chloride	4.55	84	459329	57.62	ug/l	98
43) Isopropyl Acetate	8.17	43	263644	15.75	ug/l	94
59) 2-Hexanone	10.77	43	16777	7.86	ug/l #	56
95) Naphthalene	15.14	128	40114	6.45	ug/l	99

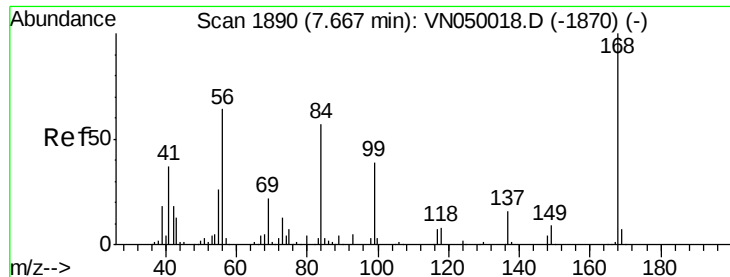
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050339.D

Acq: 4 Aug 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

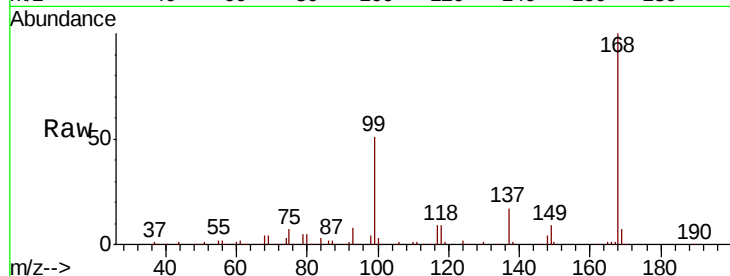
C-2

Tot Ion:168 Resp: 646518

Ion Ratio Lower Upper

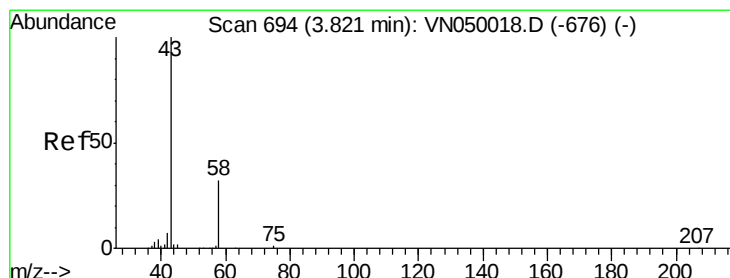
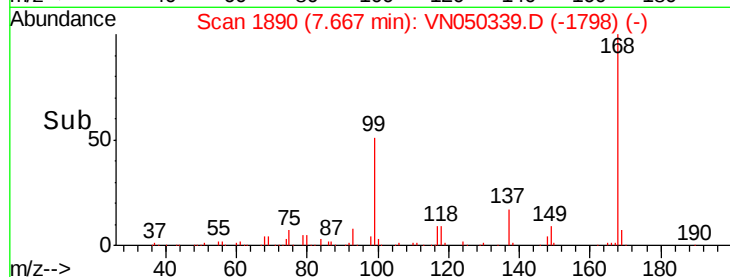
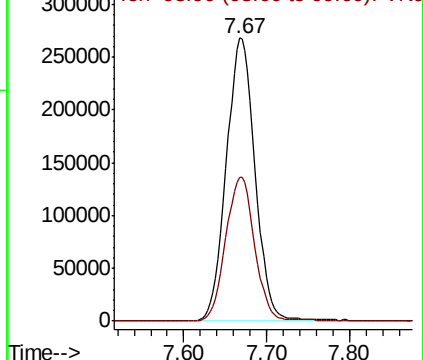
168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 12.07 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050339.D

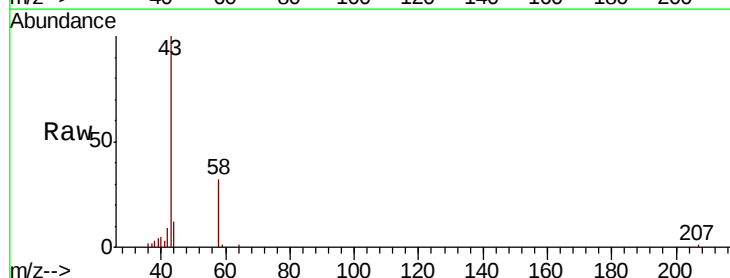
Acq: 4 Aug 2018 3:00

Tgt Ion: 43 Resp: 34422

Ion Ratio Lower Upper

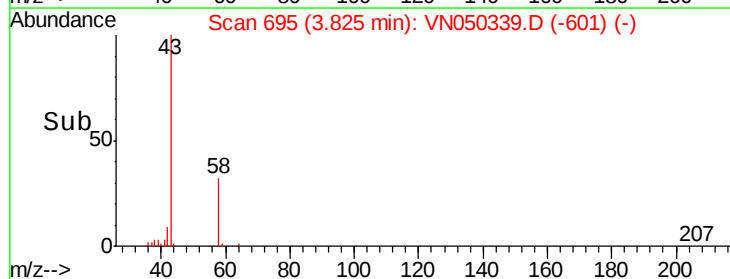
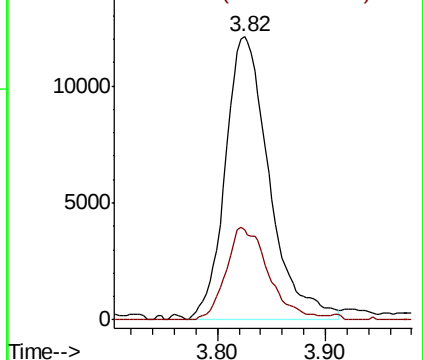
43 100

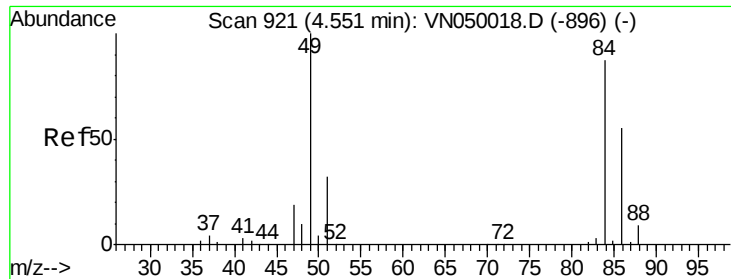
58 31.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

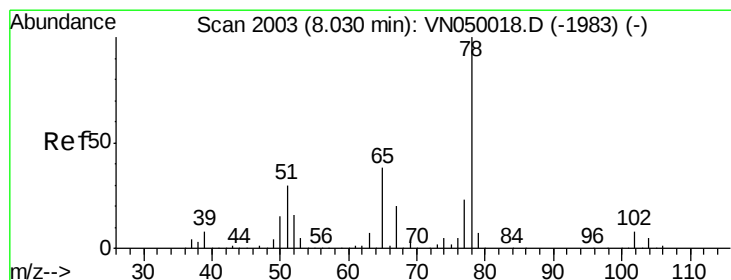
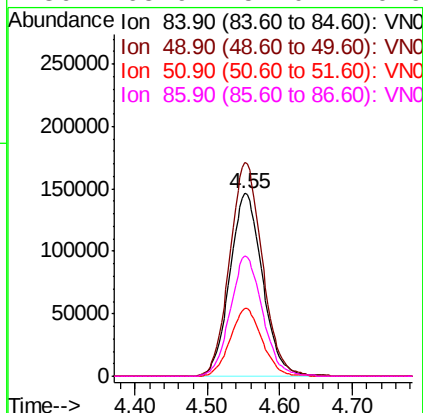
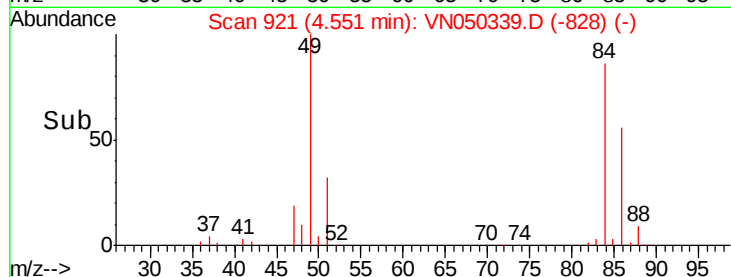
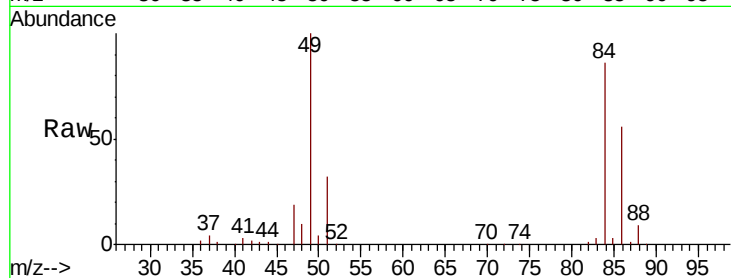




#20
Methvlene Chloride
Concen: 57.62 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050339.D
Acq: 4 Aug 2018 3:00

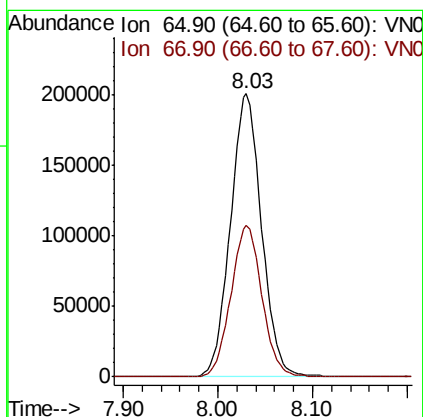
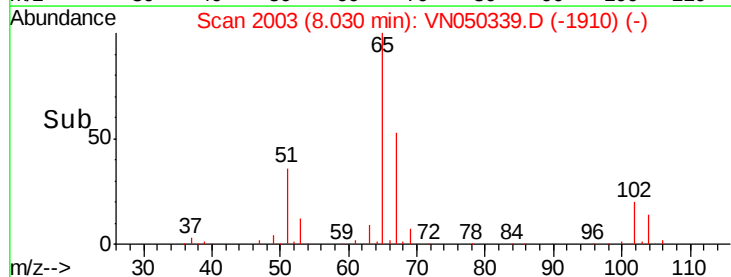
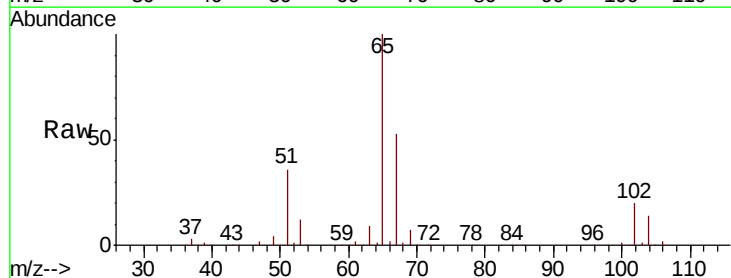
Instrument :
MSVOA_N
ClientSampled :
C-2

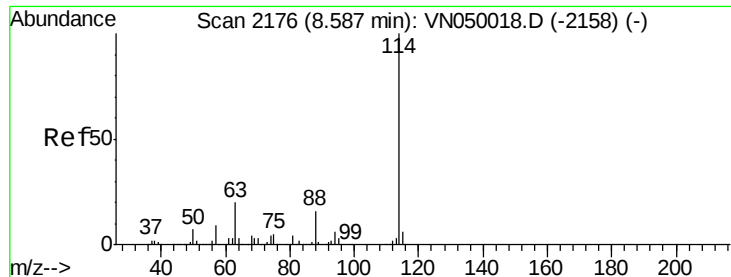
Tot Ion: 84 Resp: 459329
Ion Ratio Lower Upper
84 100
49 116.8 94.8 142.2
51 37.0 28.3 42.5
86 65.9 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 51.02 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050339.D
Acq: 4 Aug 2018 3:00

Tgt Ion: 65 Resp: 460190
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4

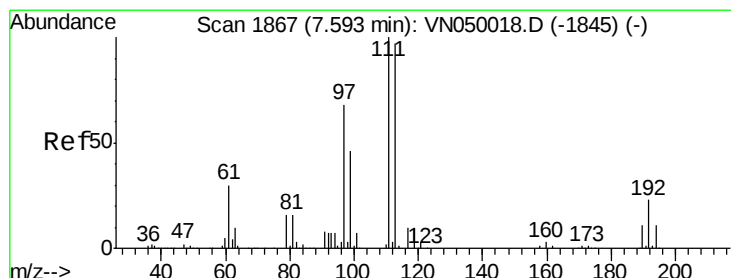
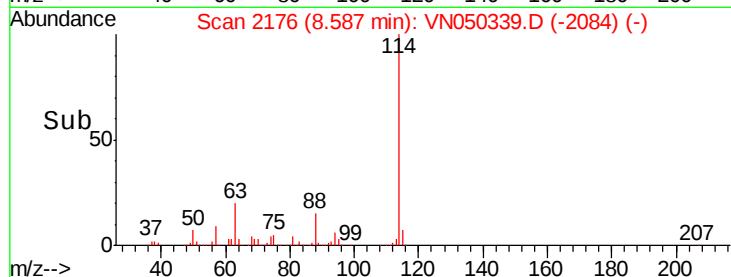
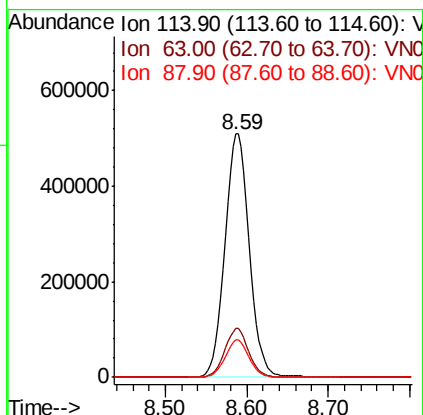
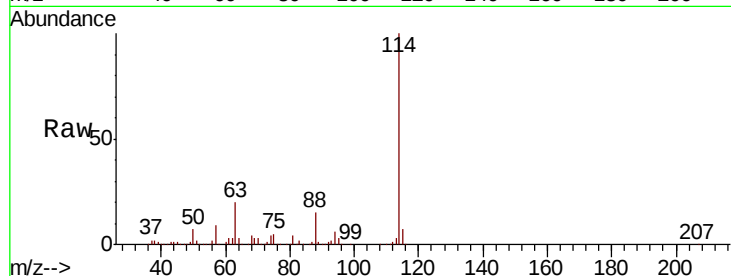




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050339.D
 Acq: 4 Aug 2018 3:00

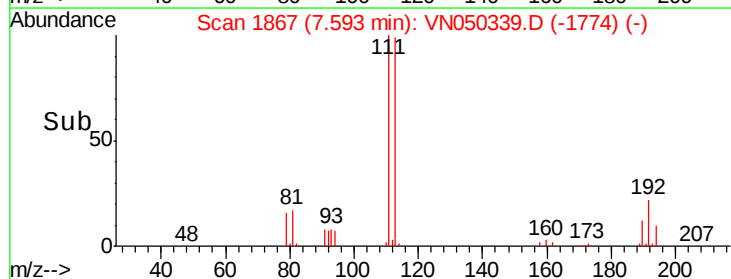
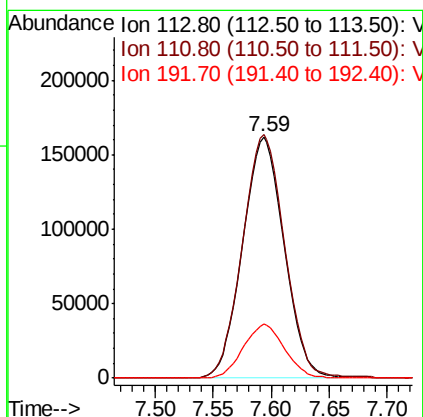
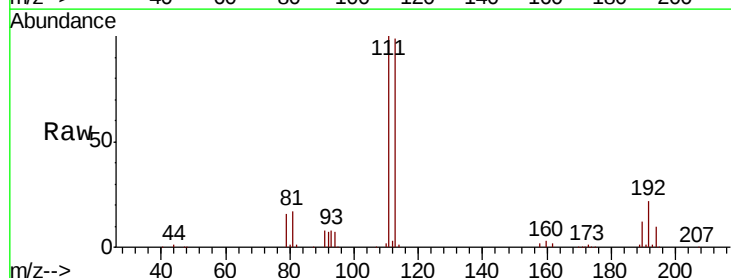
Instrument :
 MSVOA_N
 ClientSampleId :
 C-2

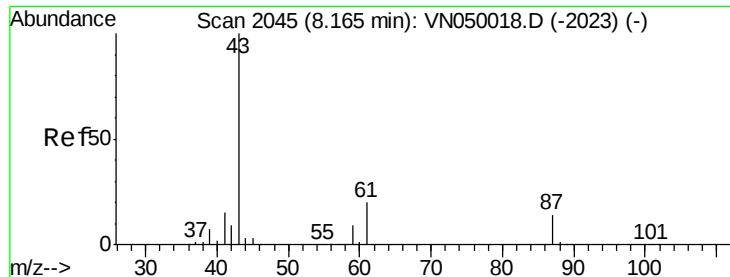
Tot Ion:114 Resp: 1077483
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 45.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050339.D
 Acq: 4 Aug 2018 3:00

Tgt Ion:113 Resp: 403106
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 22.3 17.8 26.6



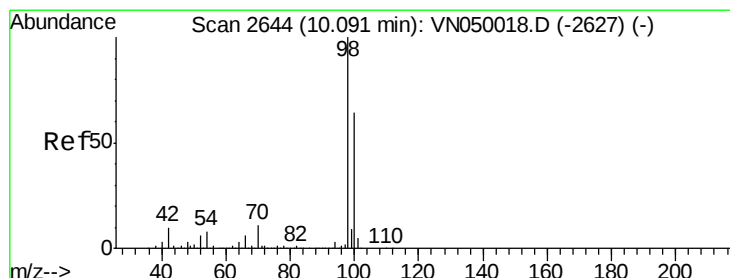
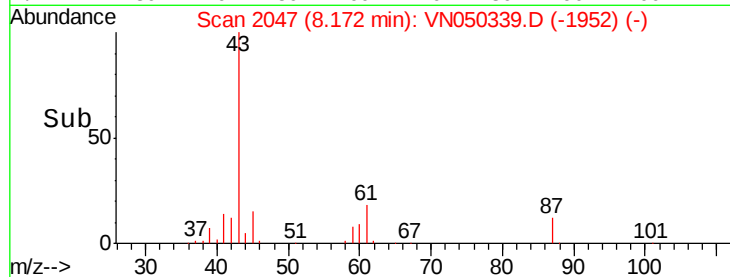
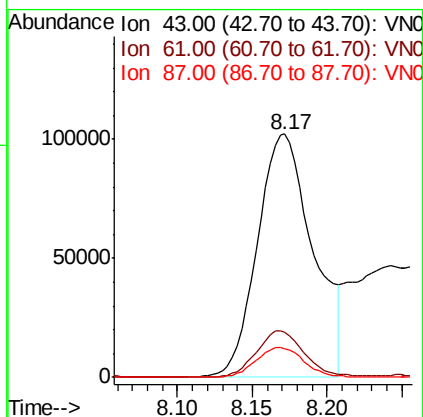
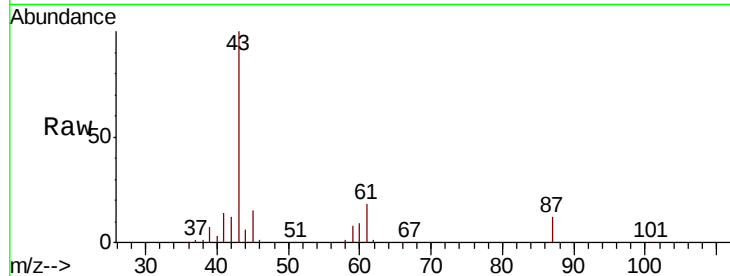


#43

Isopropyl Acetate
 Concen: 15.75 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050339.D
 Acq: 4 Aug 2018 3:00

Instrument :
 MSVOA_N
 ClientSampled :
 C-2

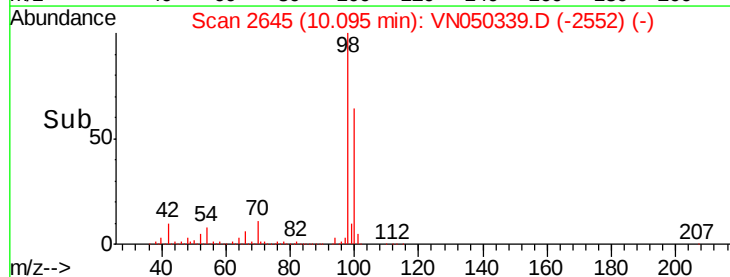
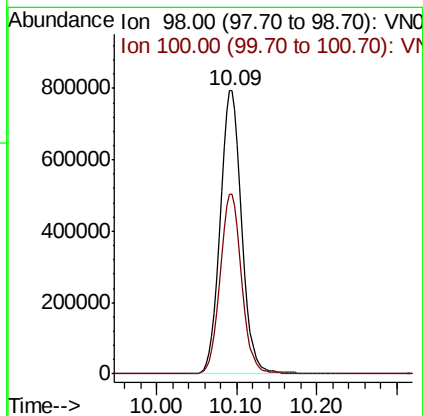
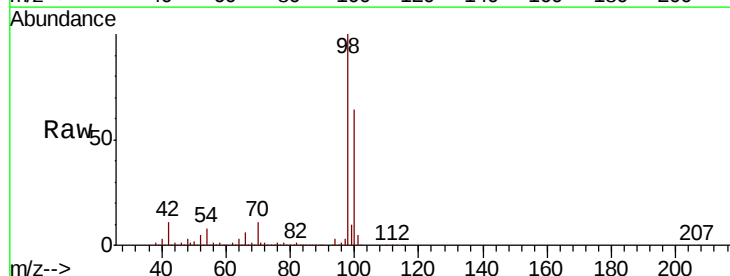
Tot Ion: 43 Resp: 263644
 Ion Ratio Lower Upper
 43 100
 61 16.7 15.8 23.6
 87 10.5 10.3 15.5

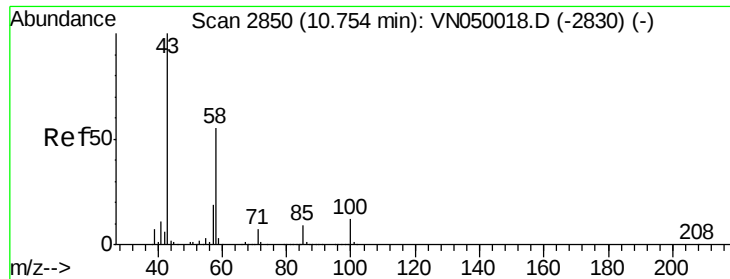


#50

Toluene-d8
 Concen: 45.66 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050339.D
 Acq: 4 Aug 2018 3:00

Tgt Ion: 98 Resp: 1476634
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.7 76.1





#59

2-Hexanone

Concen: 7.86 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050339.D

Acq: 4 Aug 2018 3:00

Instrument :

MSVOA_N

ClientSampled :

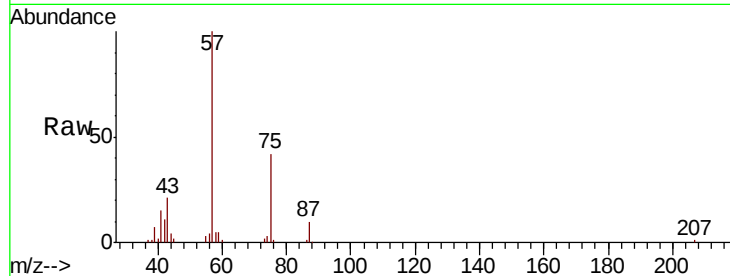
C-2

Tot Ion: 43 Resp: 16777

Ion Ratio Lower Upper

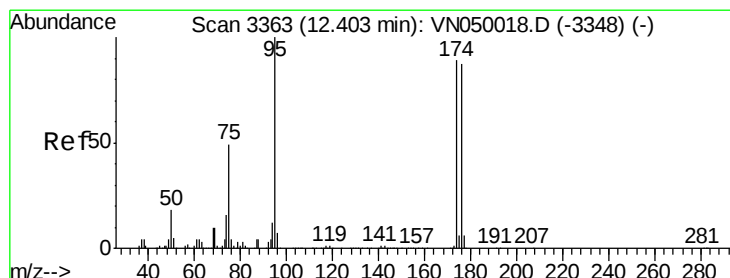
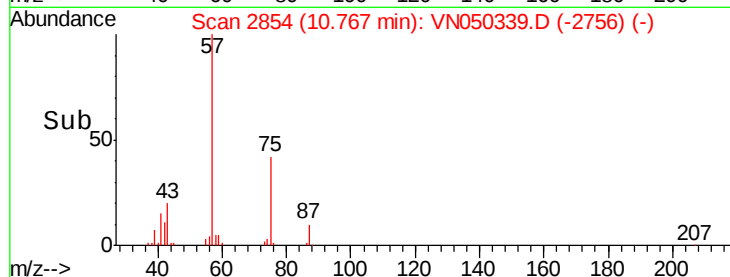
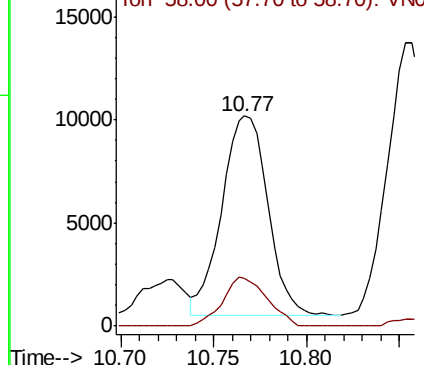
43 100

58 23.5 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 40.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050339.D

Acq: 4 Aug 2018 3:00

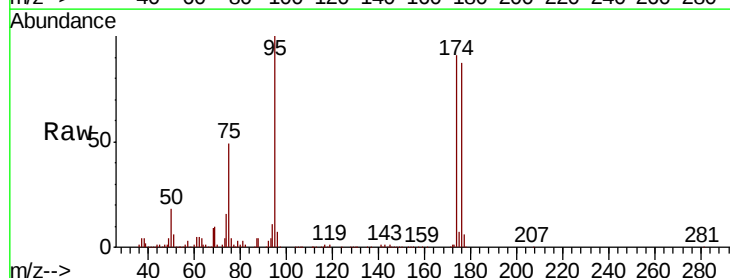
Tgt Ion: 95 Resp: 429609

Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

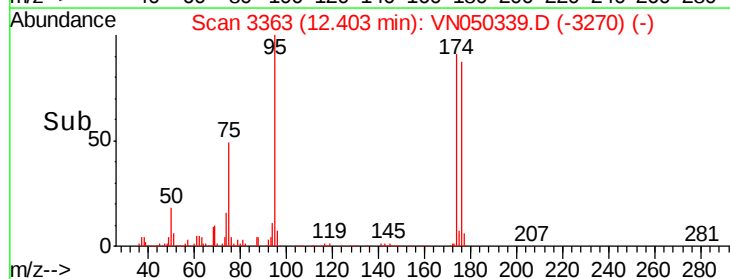
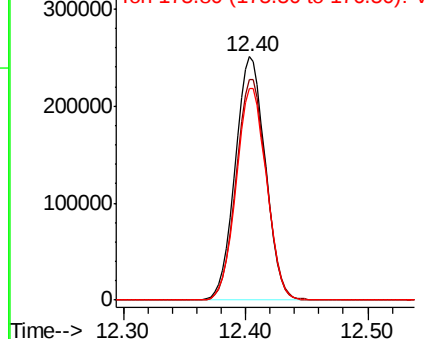
176 87.5 0.0 173.4

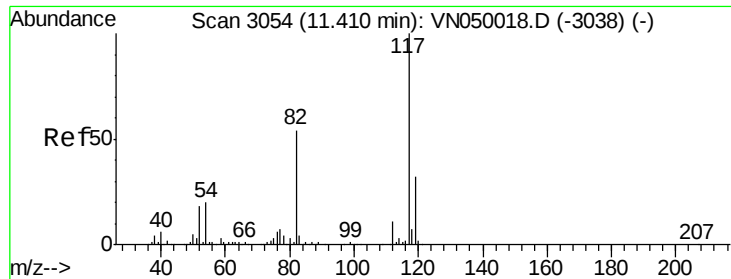


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

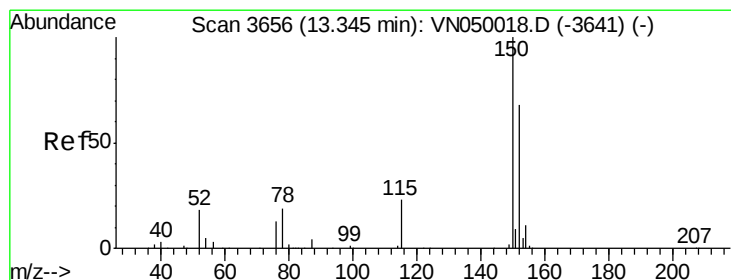
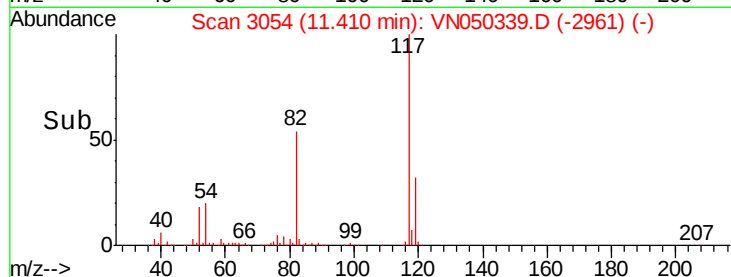
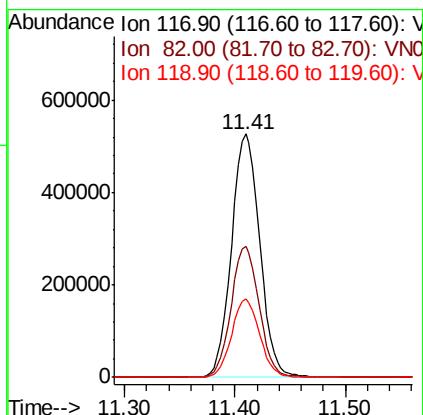
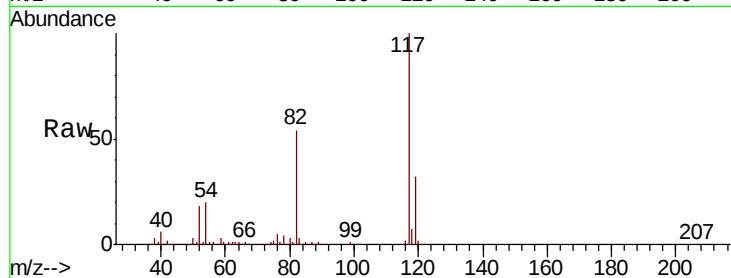




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050339.D
Acq: 4 Aug 2018 3:00

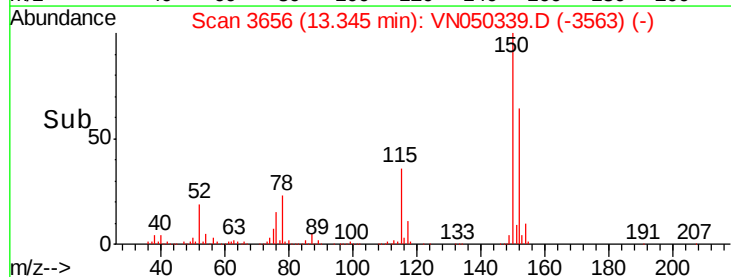
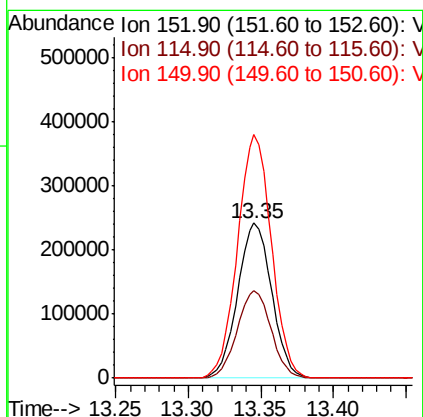
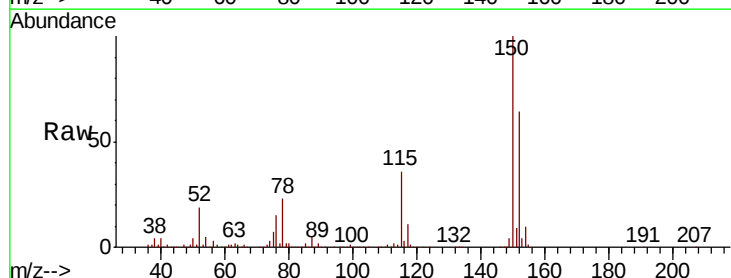
Instrument :
MSVOA_N
ClientSampleId :
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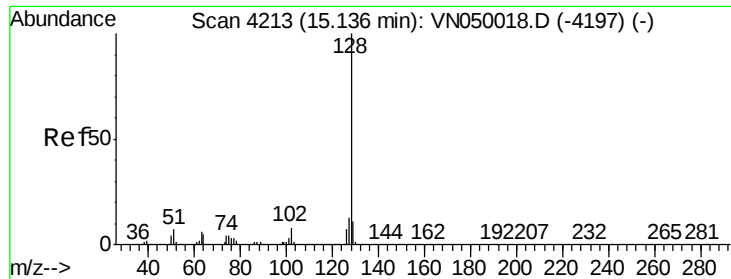
Tot Ion:117 Resp: 937058
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050339.D
Acq: 4 Aug 2018 3:00

Tgt Ion:152 Resp: 394171
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.3
150 156.0 0.0 348.6





#95
Naphthalene
Concen: 6.45 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050339.D
Acq: 4 Aug 2018 3:00

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.4	8.8	13.2

