

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049992.D
 Acq On : 21 Jul 2018 6:06
 Operator : MD\SY
 Sample : J4062-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Jul 21 06:34:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	546157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	937170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320733	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	401198	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	7.59	113	352341	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
50) Toluene-d8	10.09	98	1257274	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
62) 4-Bromofluorobenzene	12.40	95	351543	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	

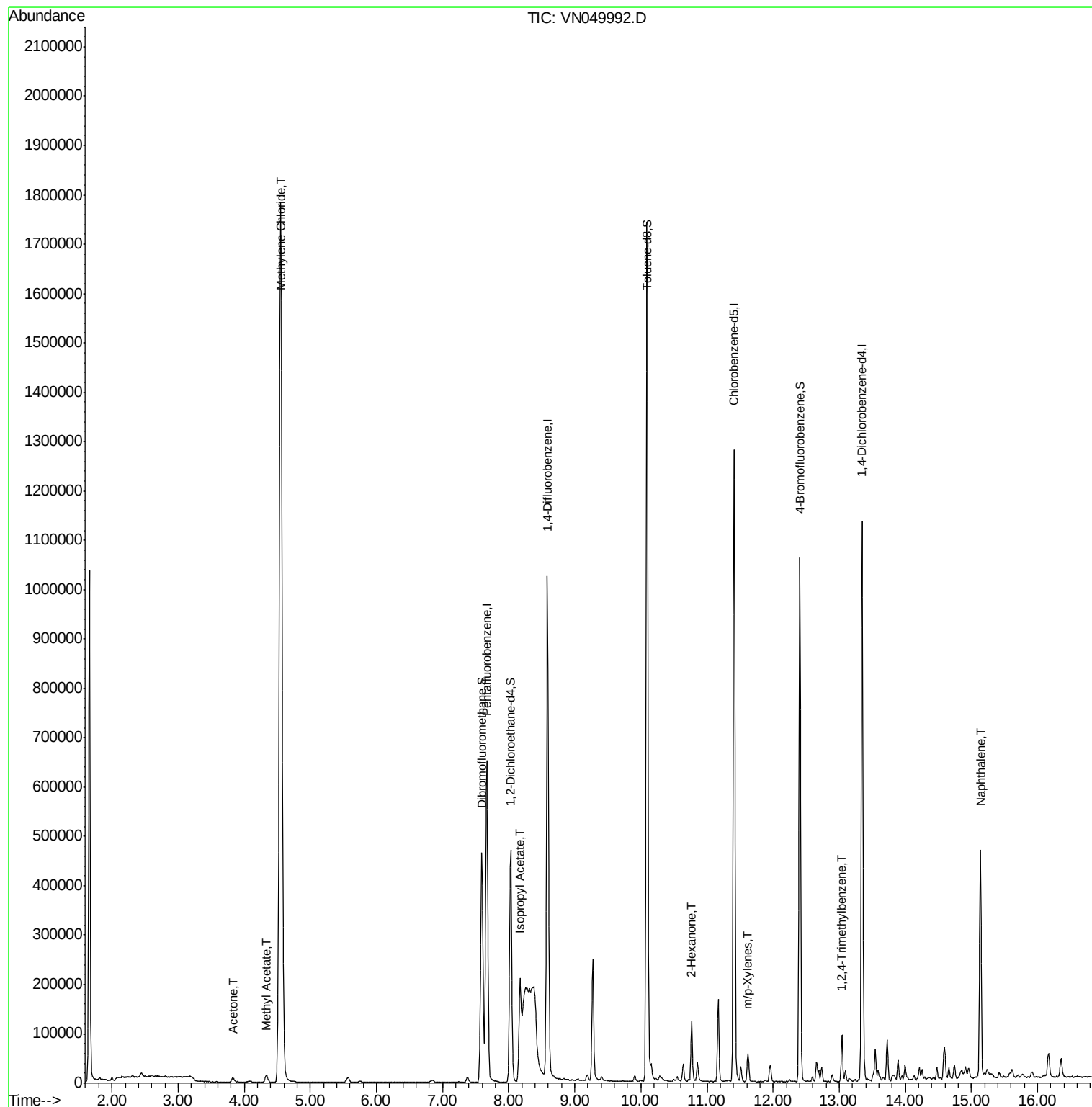
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15312	7.88	ug/l #	80
18) Methyl Acetate	4.34	43	27045	3.66	ug/l	99
20) Methylene Chloride	4.55	84	1369478	185.29	ug/l	99
43) Isopropyl Acetate	8.17	43	253330	20.26	ug/l	94
59) 2-Hexanone	10.77	43	17358	3.70	ug/l #	61
68) m/p-Xylenes	11.62	106	18749	1.54	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	50570	2.56	ug/l	99
95) Naphthalene	15.14	128	406995	28.88	ug/l	99

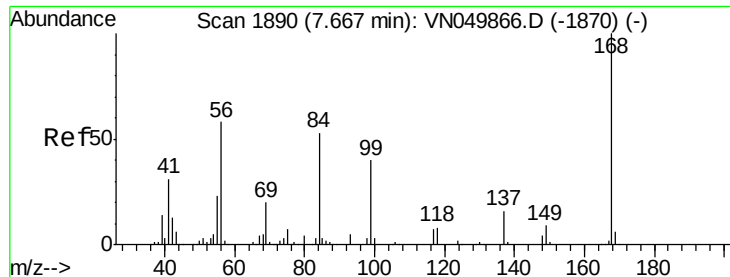
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

Instrument :

MSVOA_N

ClientSampled :

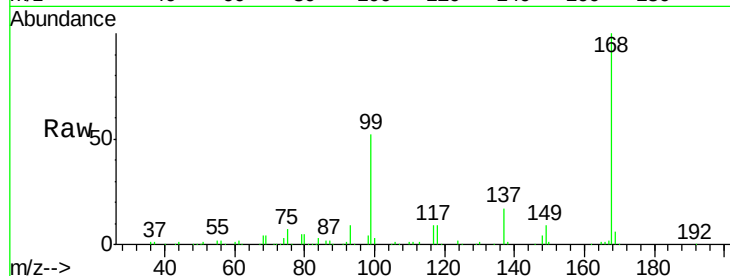
TP-5

Tot Ion:168 Resp: 546157

Ion Ratio Lower Upper

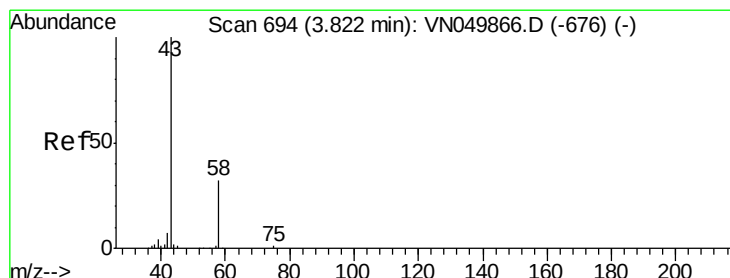
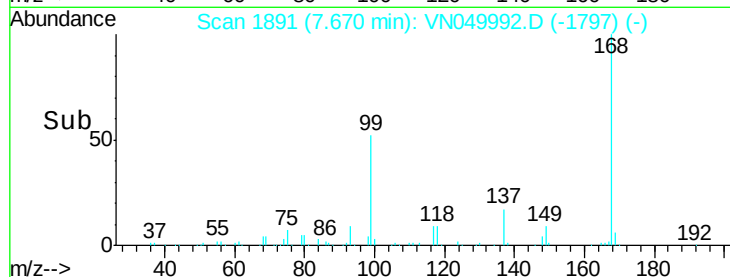
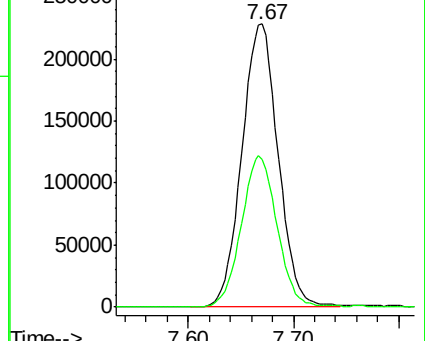
168 100

99 52.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.88 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049992.D

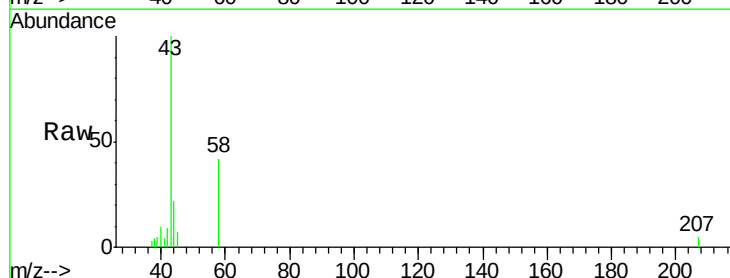
Acq: 21 Jul 2018 6:06

Tgt Ion: 43 Resp: 15312

Ion Ratio Lower Upper

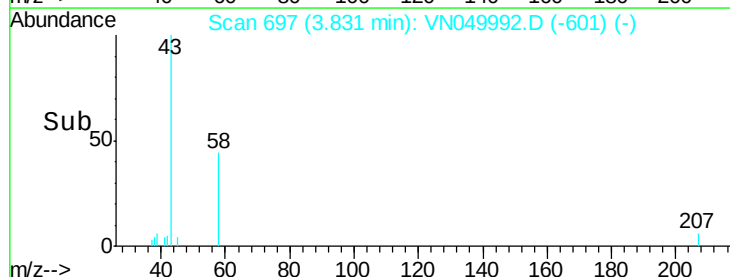
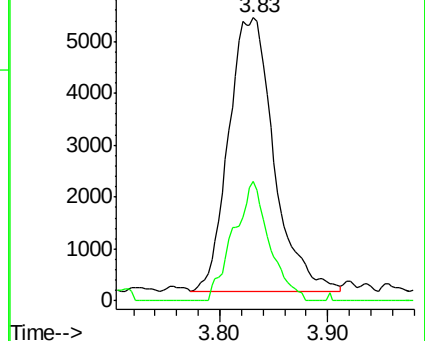
43 100

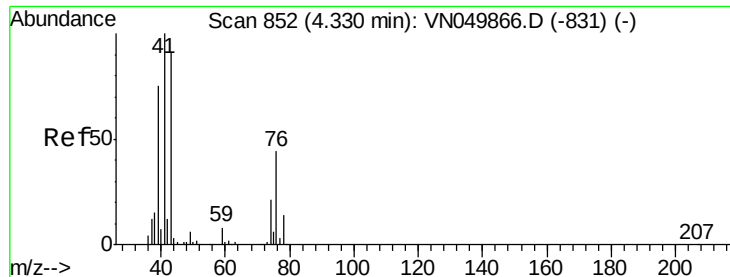
58 43.6 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

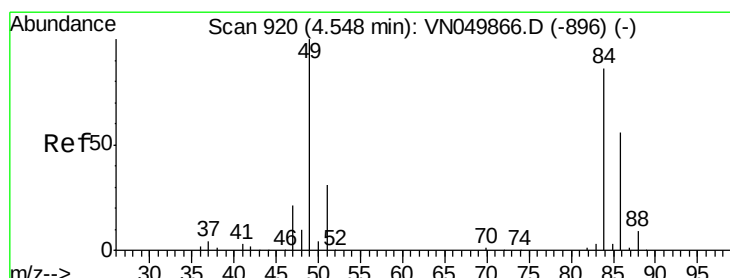
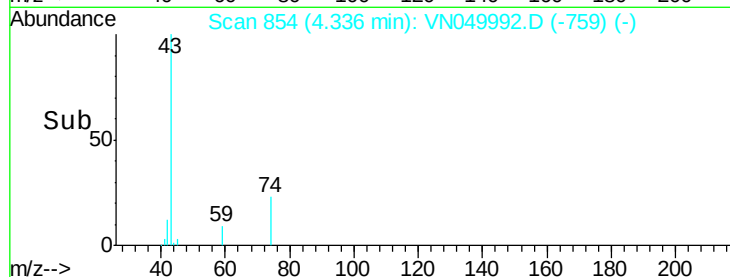
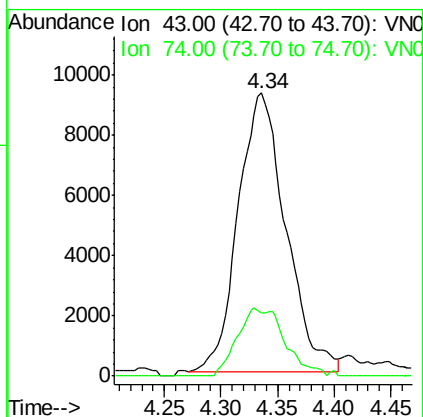
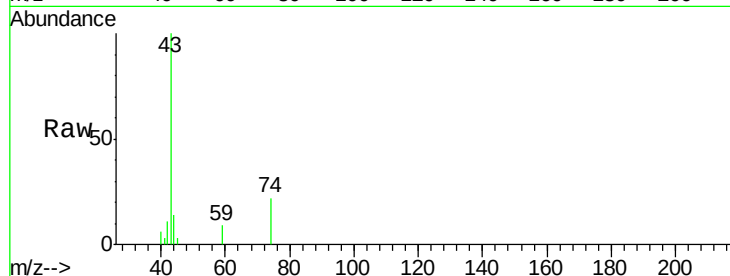




#18
Methvl Acetate
Concen: 3.66 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

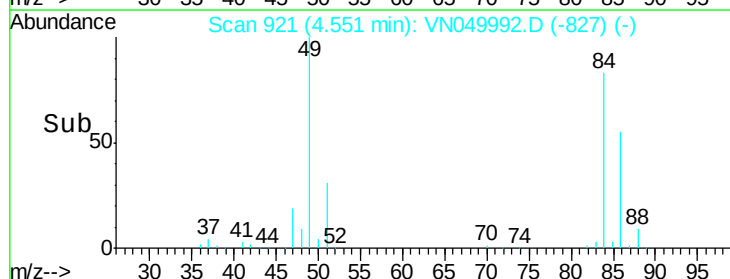
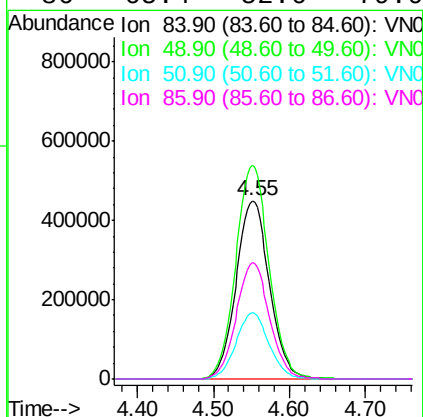
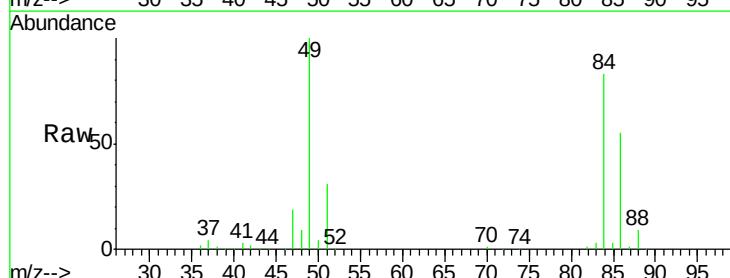
Instrument :
MSVOA_N
ClientSampled :
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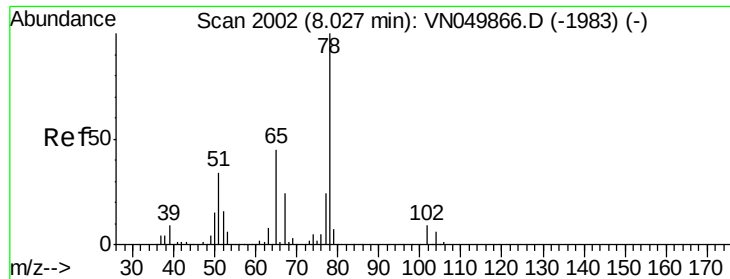
Tot Ion: 43 Resp: 27045
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



#20
Methylene Chloride
Concen: 185.29 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 84 Resp: 1369478
Ion Ratio Lower Upper
84 100
49 119.9 95.4 143.2
51 37.1 28.4 42.6
86 65.4 52.6 79.0

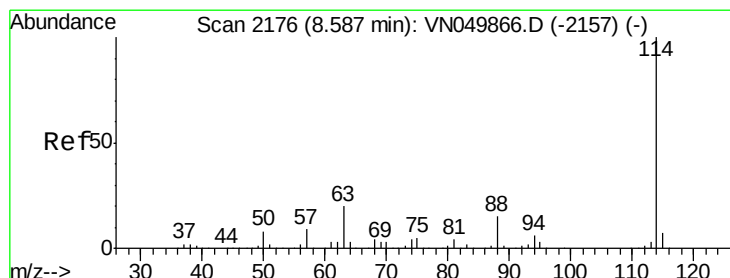
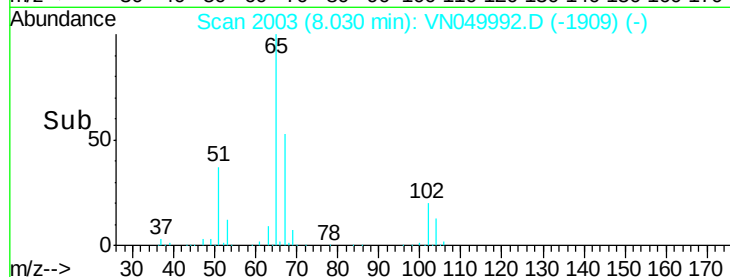
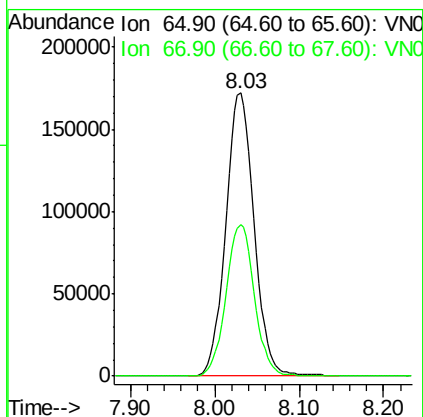
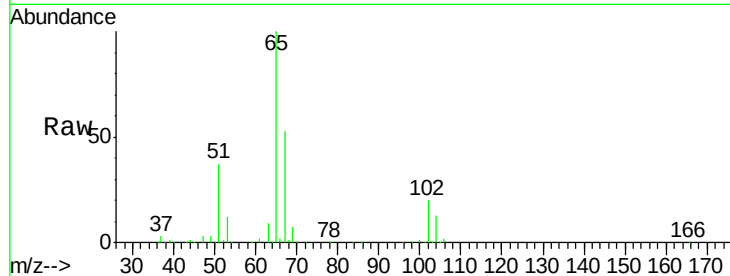




#33
 1,2-Dichloroethane-d4
 Concen: 53.45 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

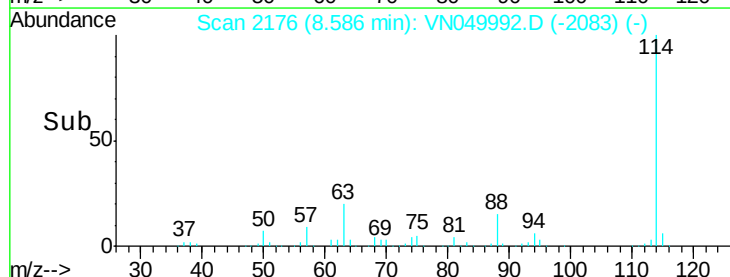
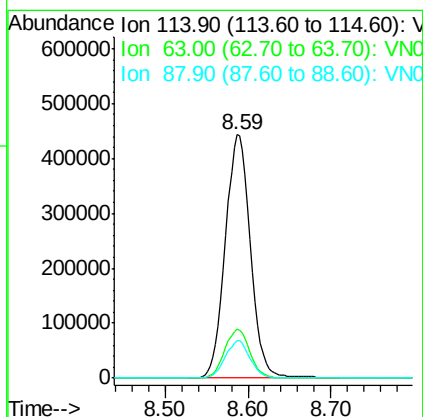
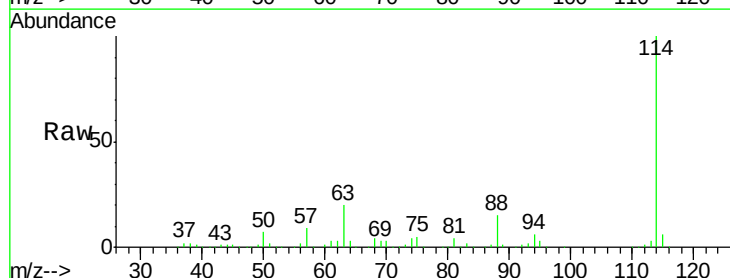
Instrument :
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 ClientSampleId :
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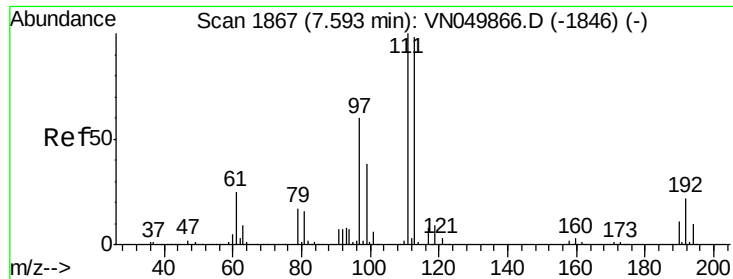
Tot Ion: 65 Resp: 401198
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Tgt Ion: 114 Resp: 937170
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 30.6

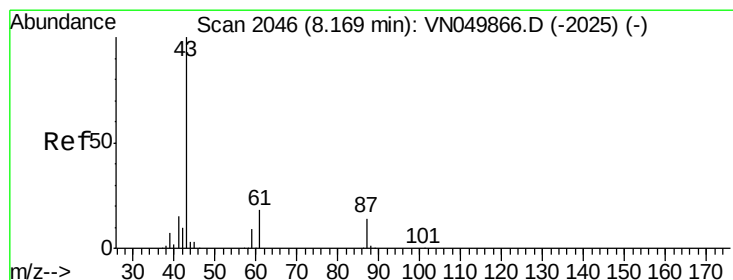
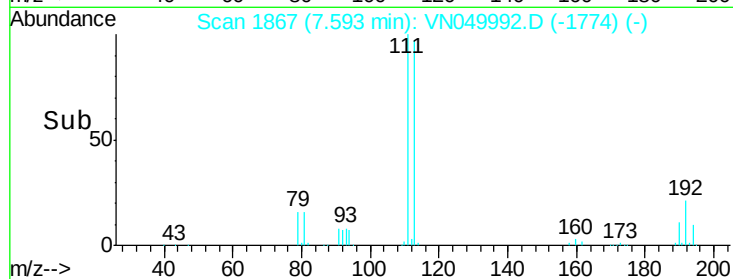
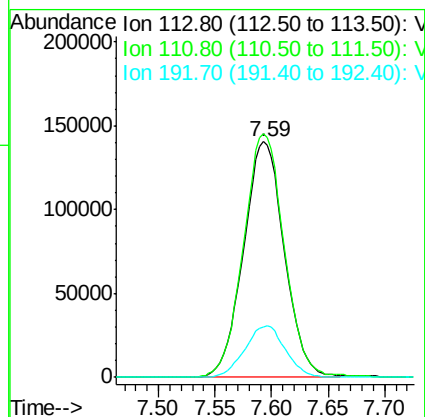
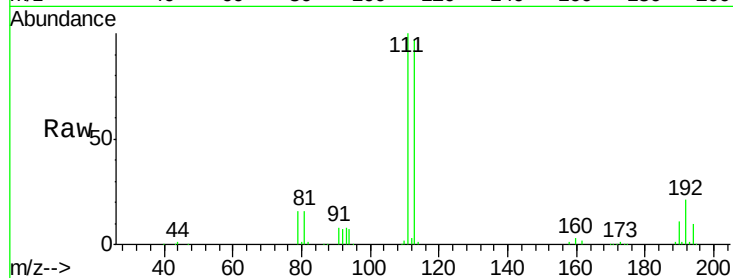




#35
Dibromofluoromethane
Concen: 44.78 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

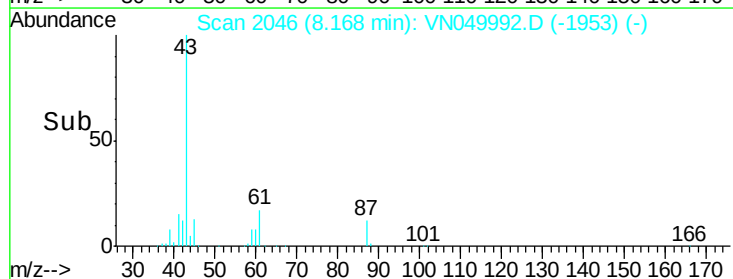
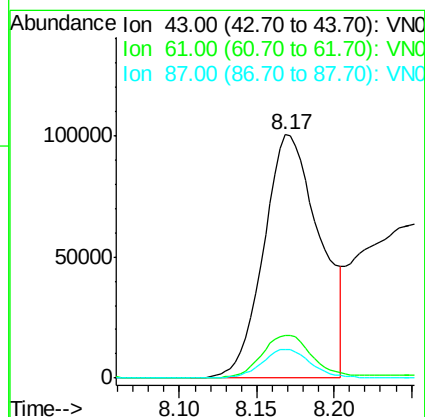
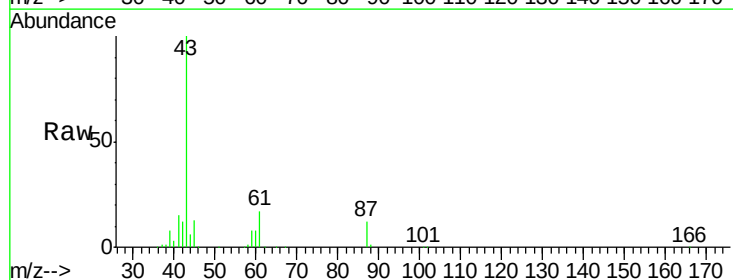
Instrument :
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ClientSampleId :
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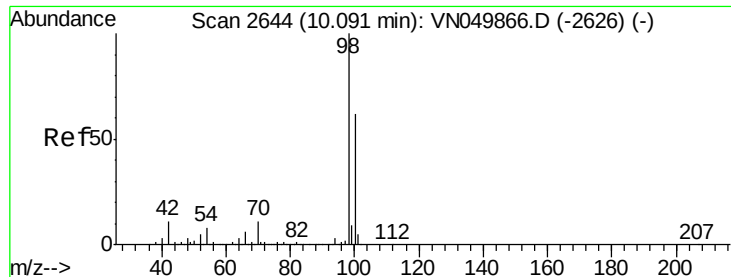
Tot Ion:113 Resp: 352341
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 21.9 17.8 26.6



#43
Isopropyl Acetate
Concen: 20.26 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 43 Resp: 253330
Ion Ratio Lower Upper
43 100
61 15.9 14.9 22.3
87 10.4 10.0 15.0

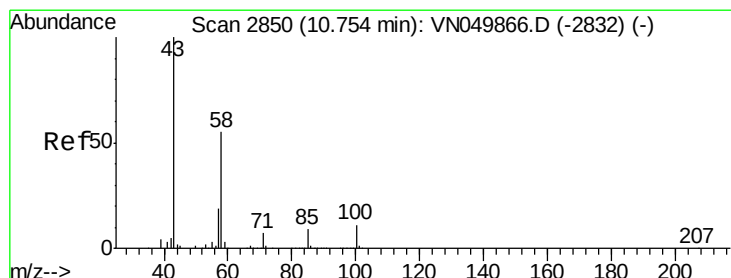
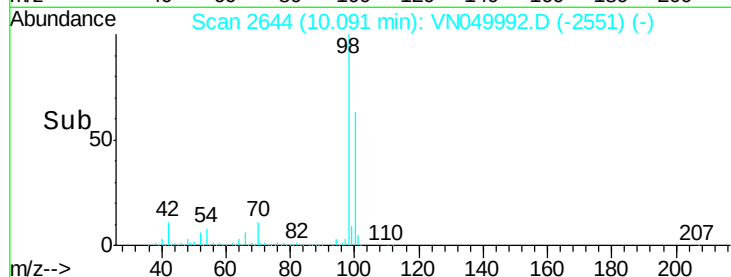
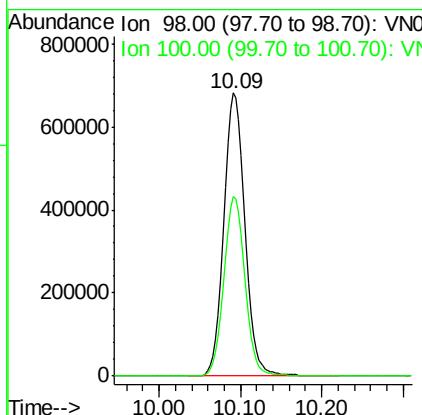
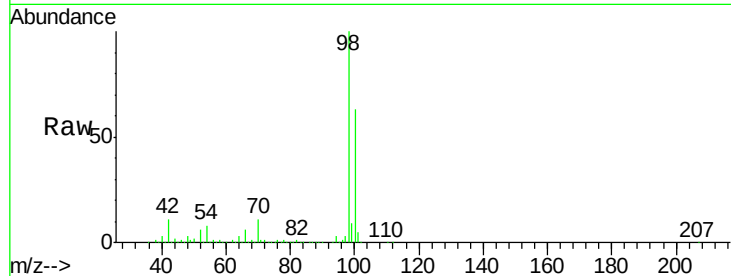




#50
Toluene-d8
Concen: 43.86 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

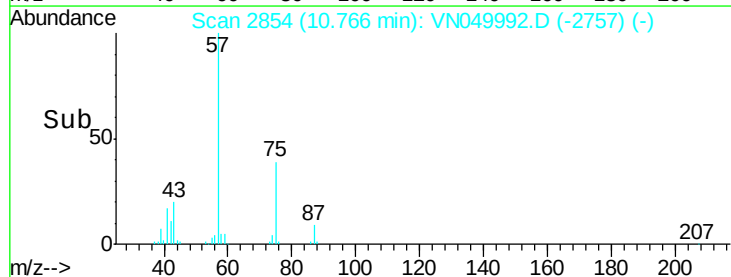
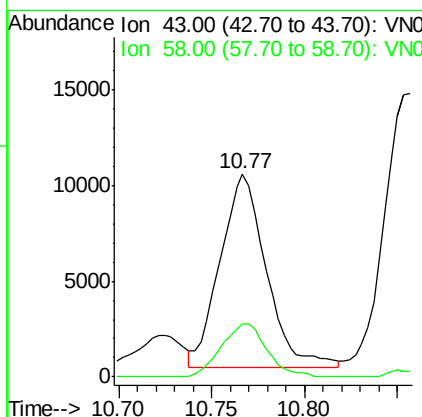
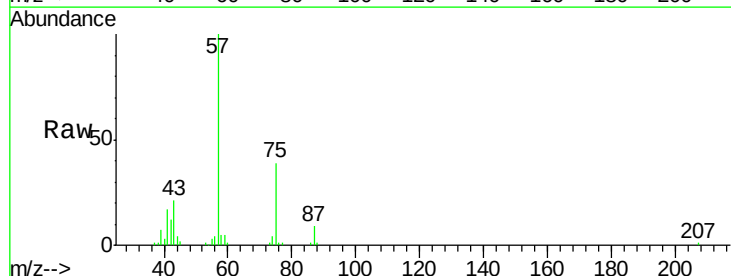
Instrument :
MSVOA_N
ClientSampled :
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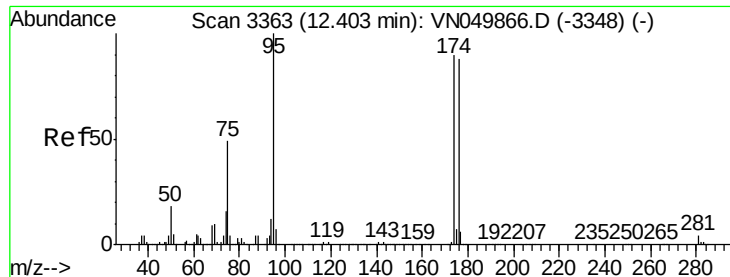
Tot Ion: 98 Resp: 1257274
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#59
2-Hexanone
Concen: 3.70 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 43 Resp: 17358
Ion Ratio Lower Upper
43 100
58 27.0 27.8 83.4#

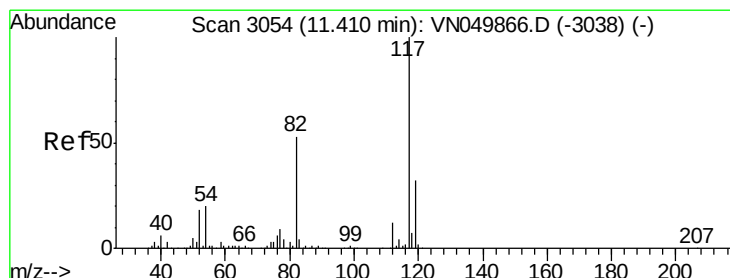
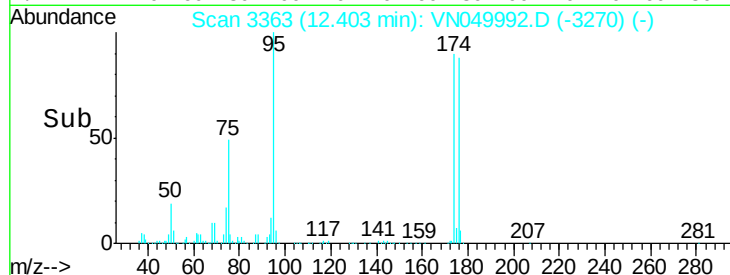
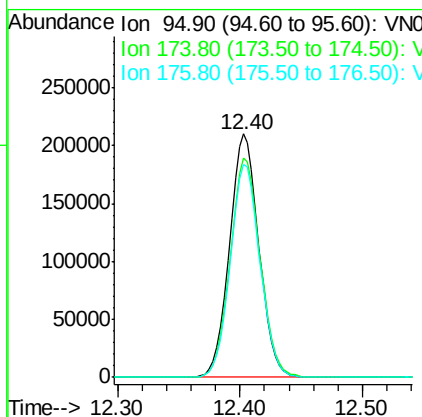
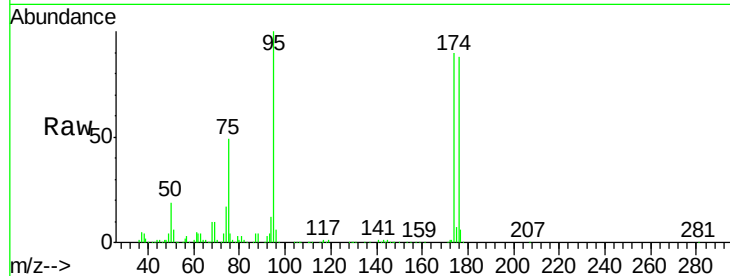




#62
4-Bromofluorobenzene
Concen: 35.61 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

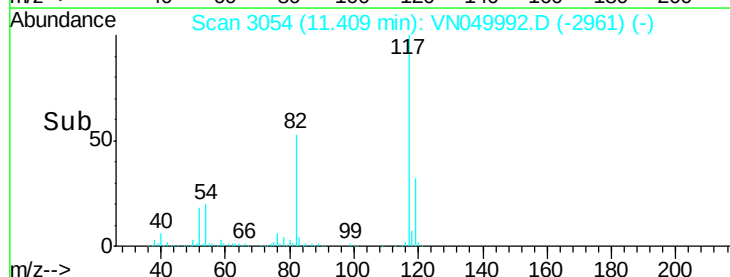
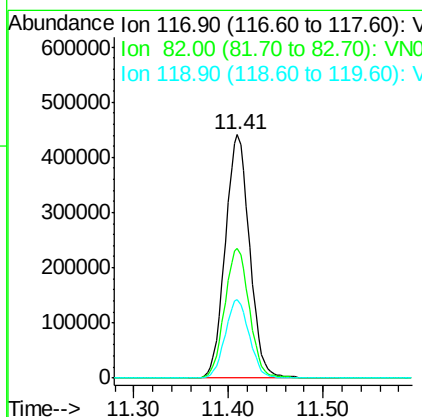
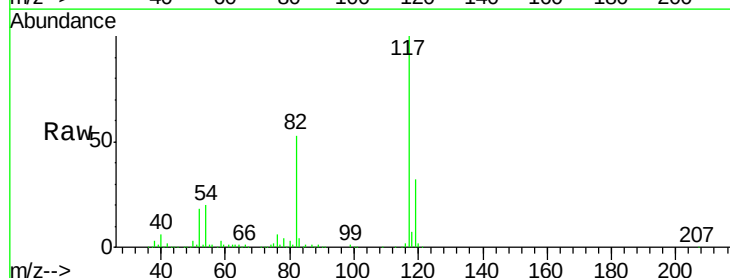
Instrument :
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ClientSampled :
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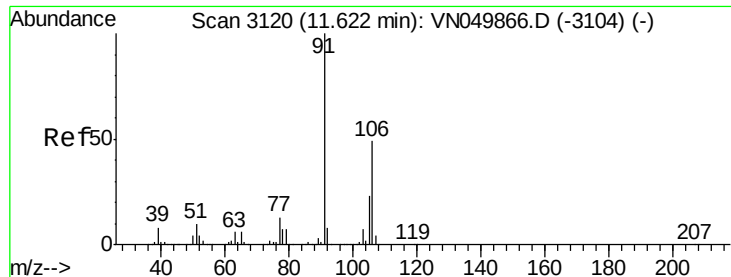
Tot Ion: 95 Resp: 351543
Ion Ratio Lower Upper
95 100
174 92.1 0.0 179.6
176 88.3 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 117 Resp: 788492
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 32.2 25.4 38.2

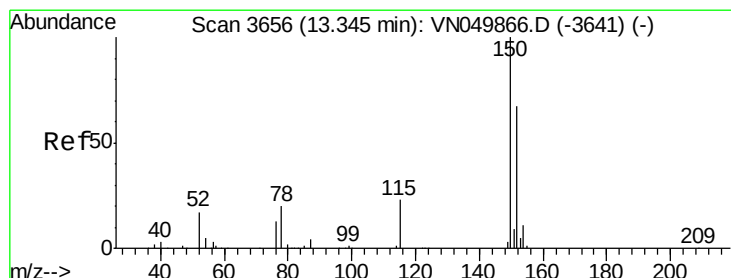
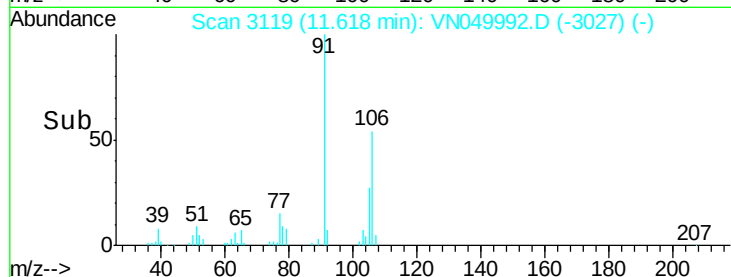
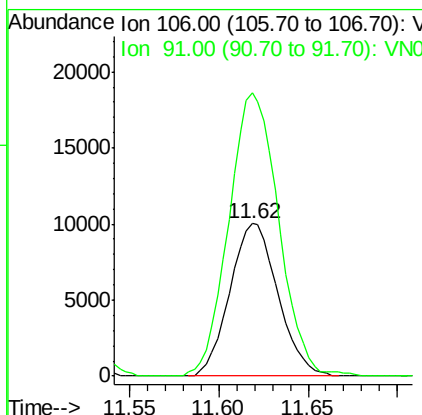
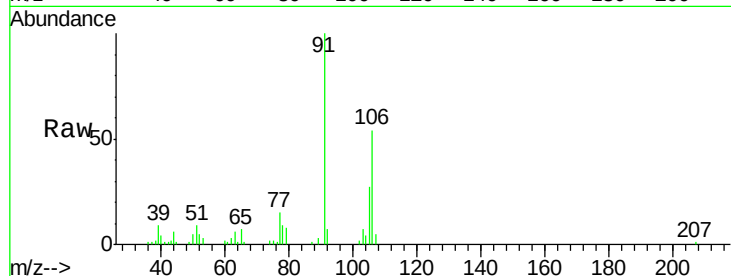




#68
m/p-Xvlenes
Concen: 1.54 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

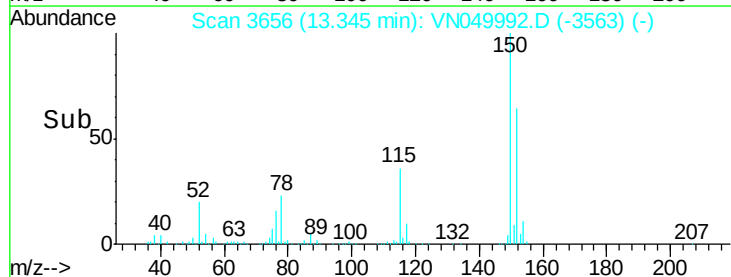
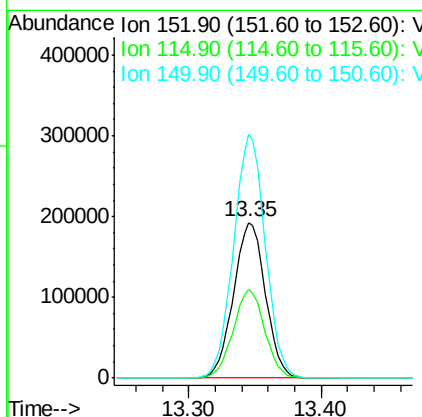
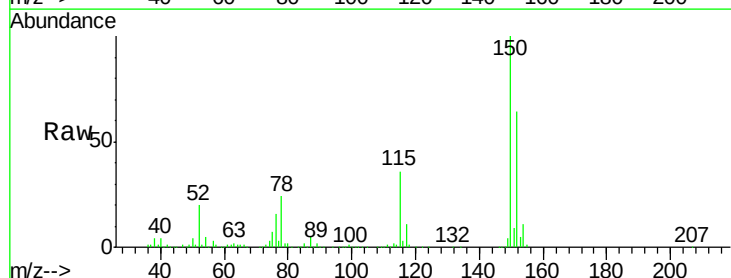
Instrument :
MSVOA_N
ClientSampled :
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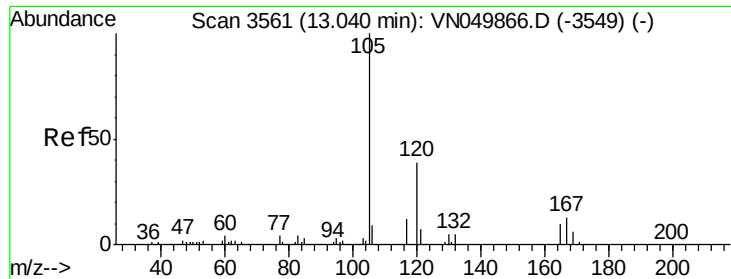
Tot Ion:106 Resp: 18749
Ion Ratio Lower Upper
106 100
91 193.1 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion:152 Resp: 320733
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 155.8 0.0 347.6

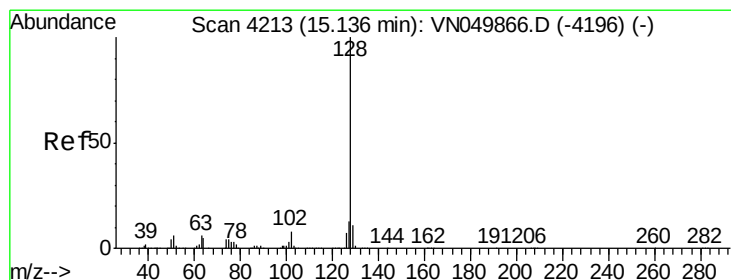
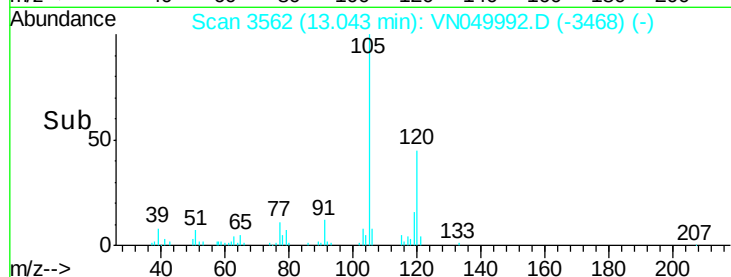
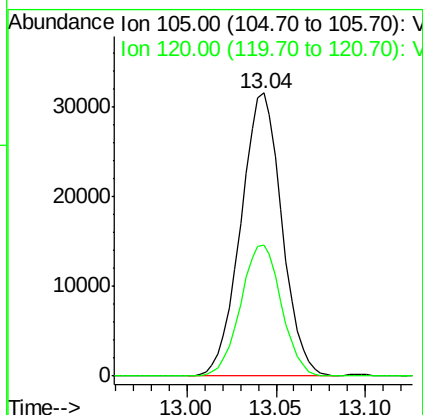
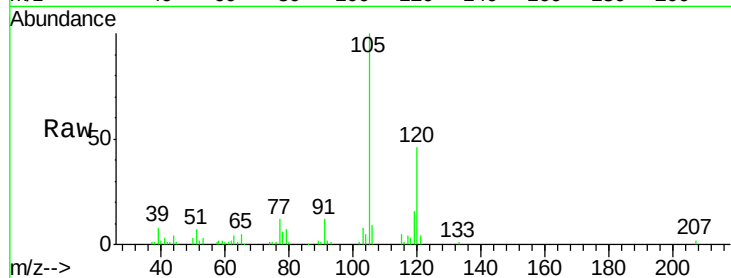




#84
 1,2,4-Trimethylbenzene
 Concen: 2.56 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Tot Ion:105 Resp: 50570
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.1



#95
 Naphthalene
 Concen: 28.88 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Tgt Ion:128 Resp: 406995
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.4 15.6
 129 11.1 8.6 13.0

