

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049951.D
 Acq On : 20 Jul 2018 7:07
 Operator : MD\SY
 Sample : J4016-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB3-U-23-13

Quant Time: Jul 20 07:48:08 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	575285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	821137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315370	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	414551	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
35) Dibromofluoromethane	7.59	113	371203	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
50) Toluene-d8	10.09	98	1316574	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	
62) 4-Bromofluorobenzene	12.40	95	366442	35.82	ug/l	0.00
Spiked Amount			Recovery	=	71.64%	

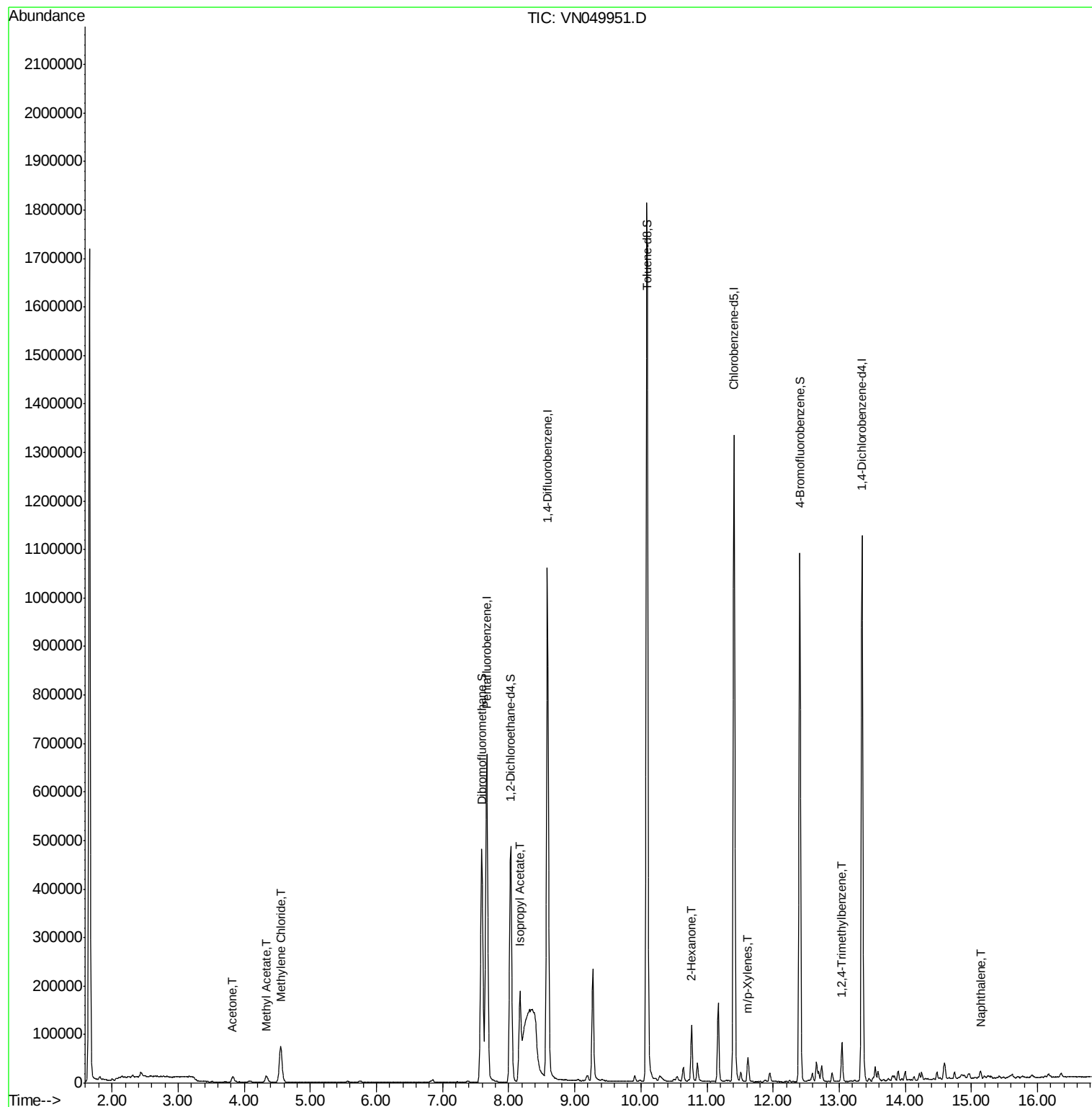
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20197	9.87	ug/l	97
18) Methyl Acetate	4.33	43	23946	2.95	ug/l	100
20) Methylene Chloride	4.55	84	56947	7.31	ug/l	95
43) Isopropyl Acetate	8.17	43	225945	17.44	ug/l	97
59) 2-Hexanone	10.77	43	16482	3.39	ug/l #	56
68) m/p-Xylenes	11.62	106	15882	1.25	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	44423	2.28	ug/l	100
95) Naphthalene	15.14	128	12809	5.27	ug/l #	91

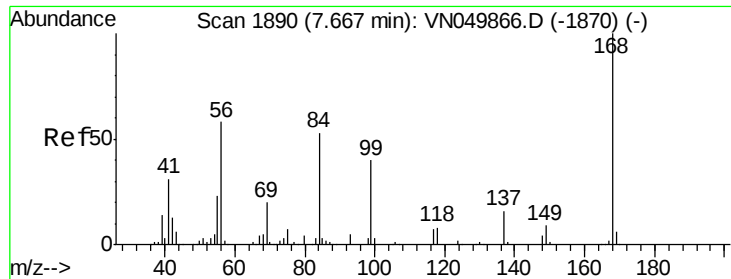
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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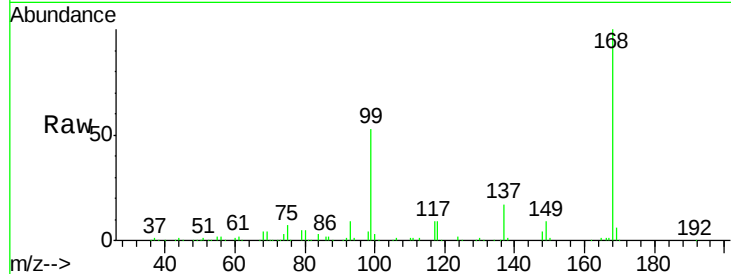


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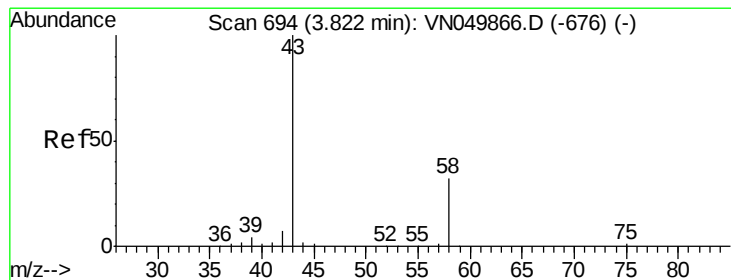
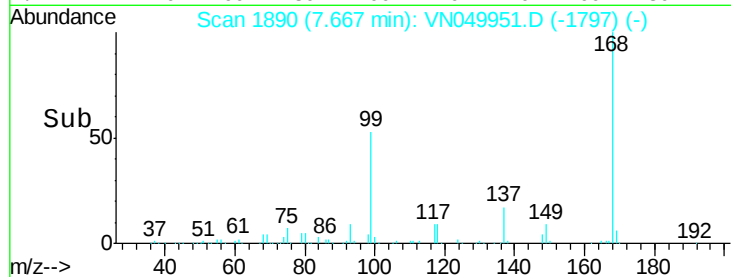
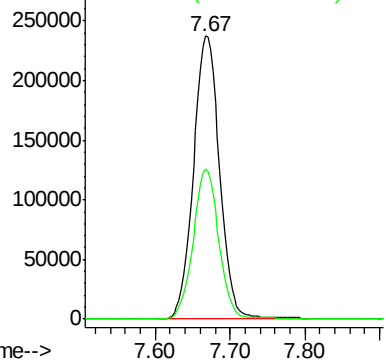
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Instrument :
 MSVOA_N
 ClientSampled :
 SB3-U-23-13

Tot Ion:168 Resp: 575285
 Ion Ratio Lower Upper
 168 100
 99 53.3 40.6 61.0



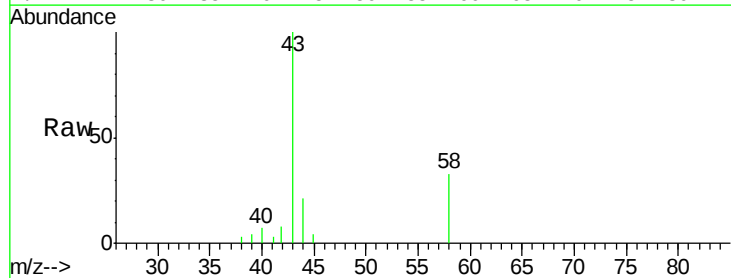
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN0



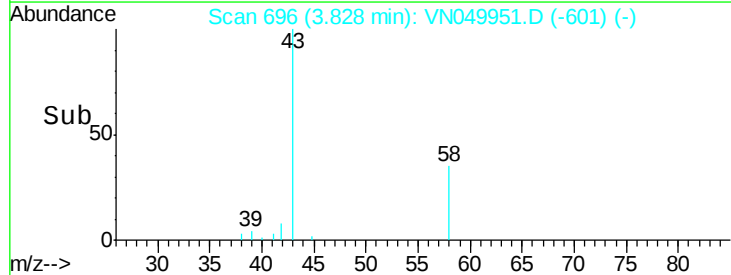
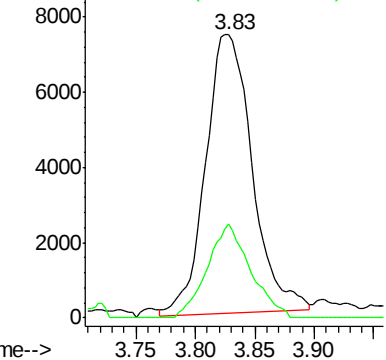
#16

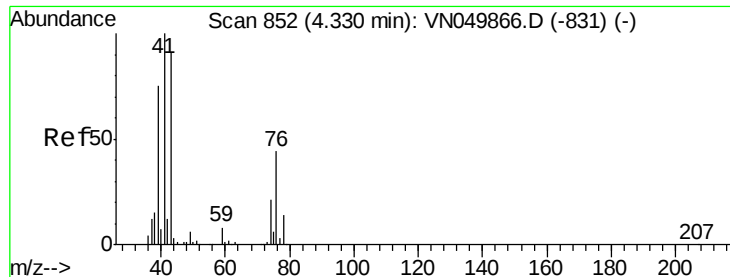
Acetone
 Concen: 9.87 ug/l
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Tgt Ion: 43 Resp: 20197
 Ion Ratio Lower Upper
 43 100
 58 34.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

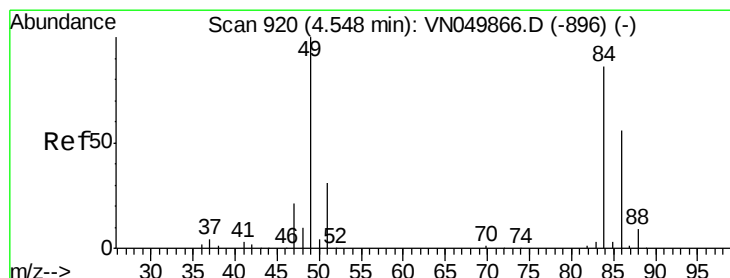
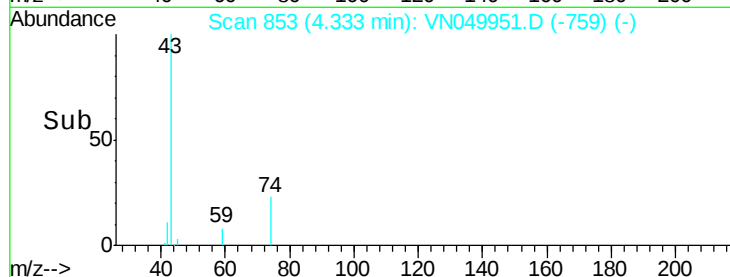
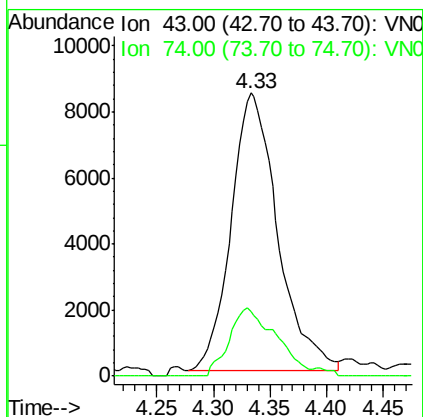
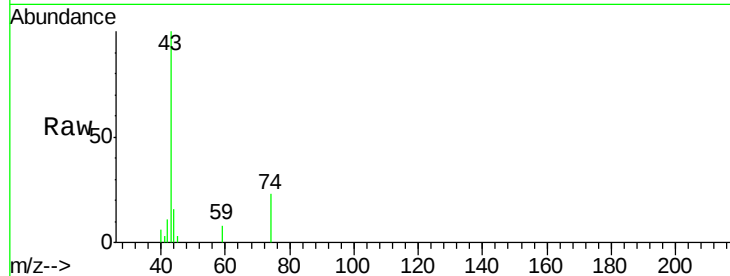




#18
Methvl Acetate
Concen: 2.95 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

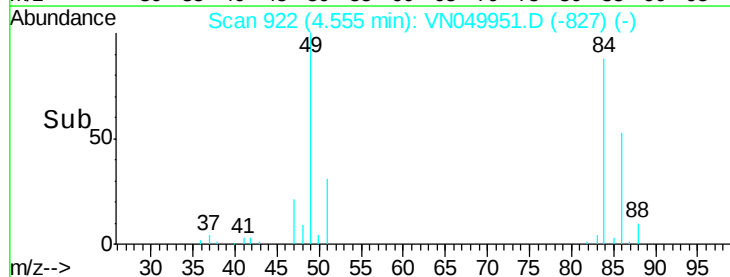
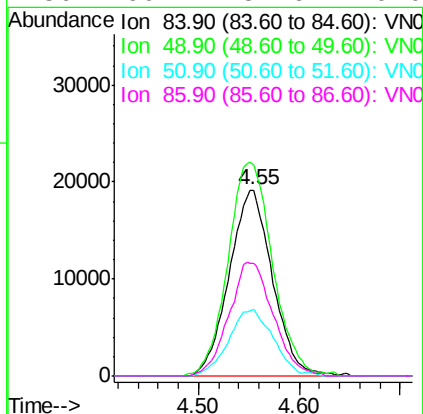
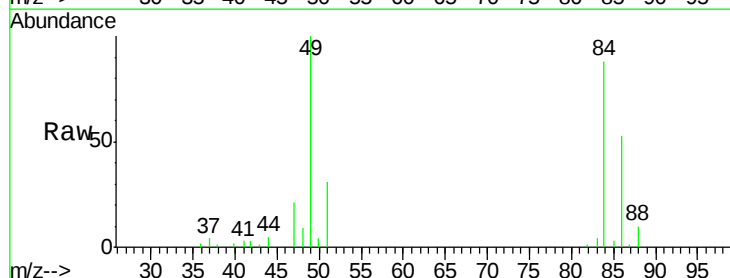
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MSVOA_N
ClientSampleId :
SB3-U-23-13

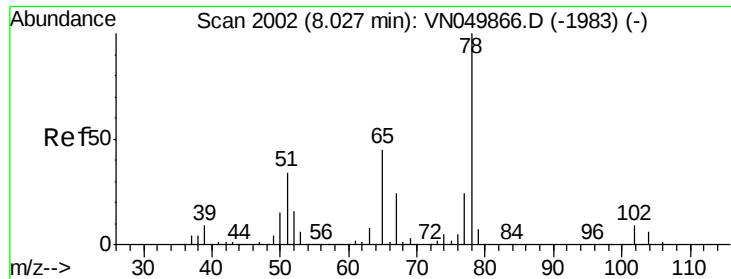
Tot Ion: 43 Resp: 23946
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8



#20
Methylene Chloride
Concen: 7.31 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

Tgt Ion: 84 Resp: 56947
Ion Ratio Lower Upper
84 100
49 112.5 95.4 143.2
51 35.6 28.4 42.6
86 60.4 52.6 79.0

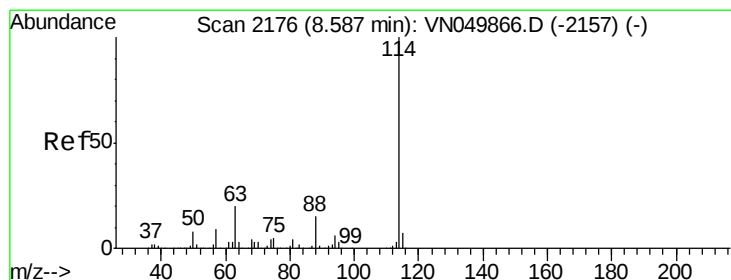
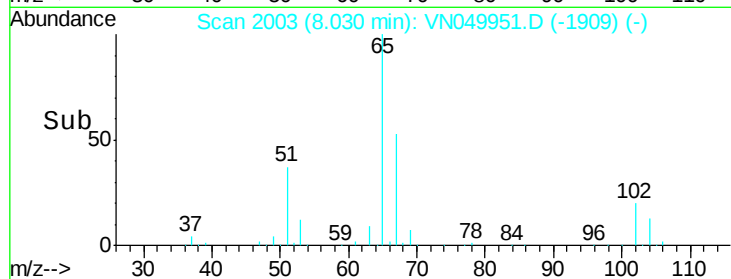
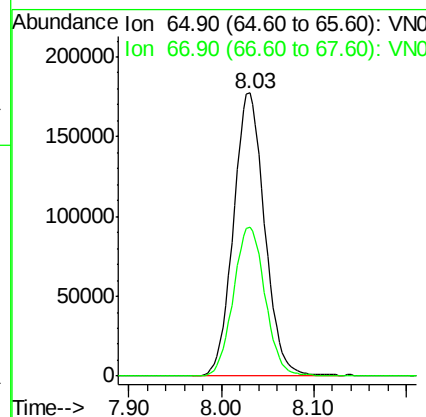
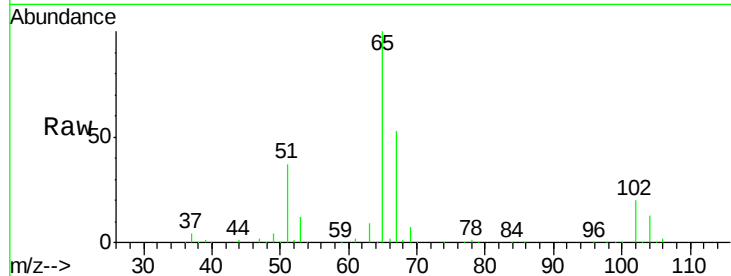




#33
 1,2-Dichloroethane-d4
 Concen: 52.43 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

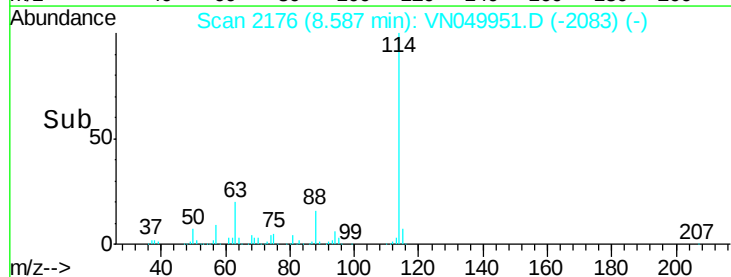
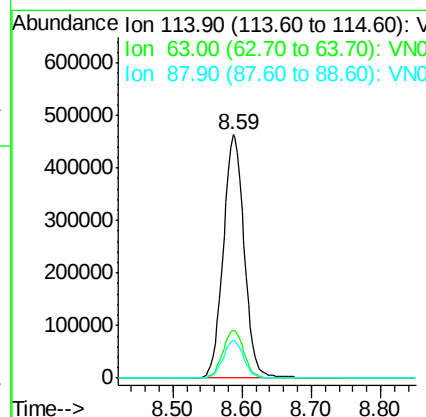
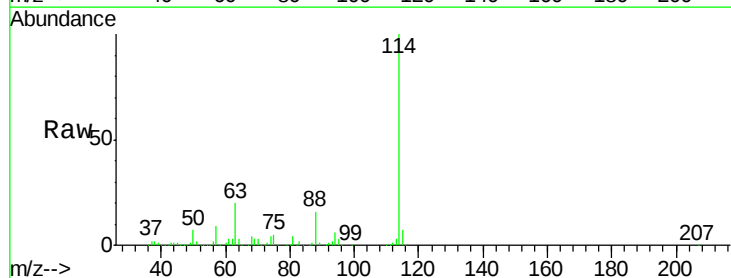
Instrument :
 MSVOA_N
 ClientSampleId :
 SB3-U-23-13

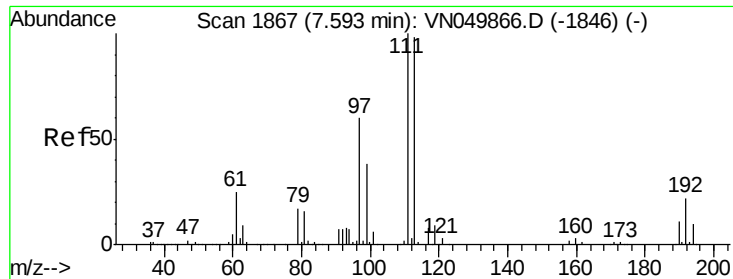
Tot Ion: 65 Resp: 414551
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Tgt Ion: 114 Resp: 971122
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.5 0.0 30.6

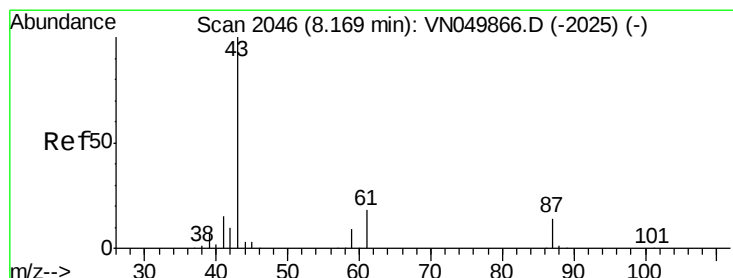
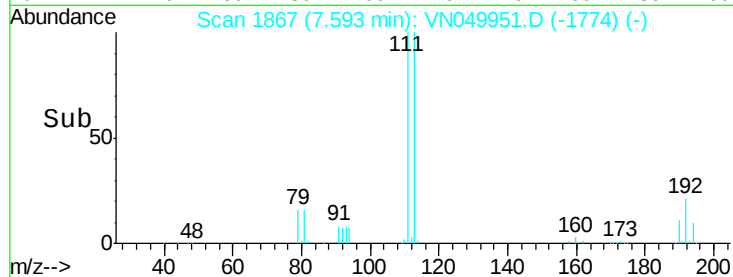
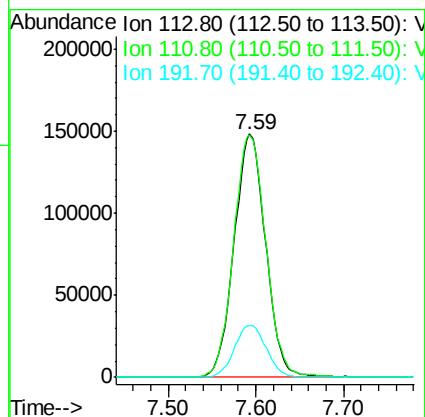
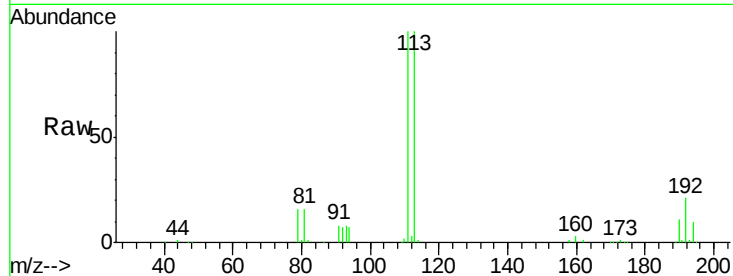




#35
 Dibromofluoromethane
 Concen: 45.53 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

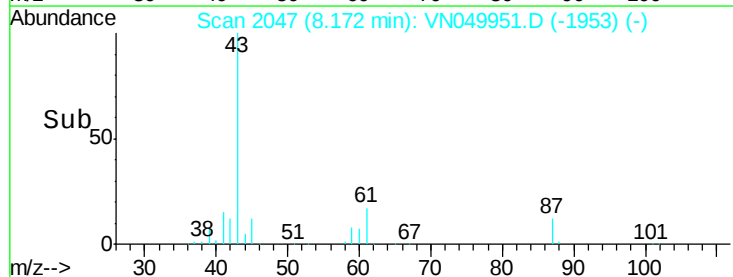
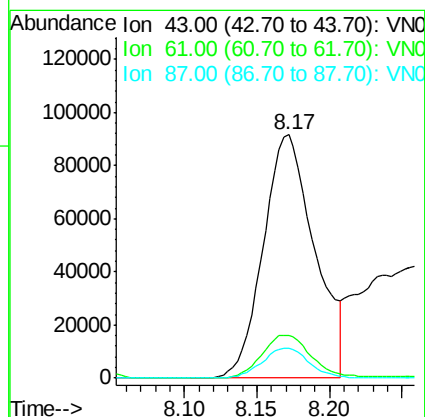
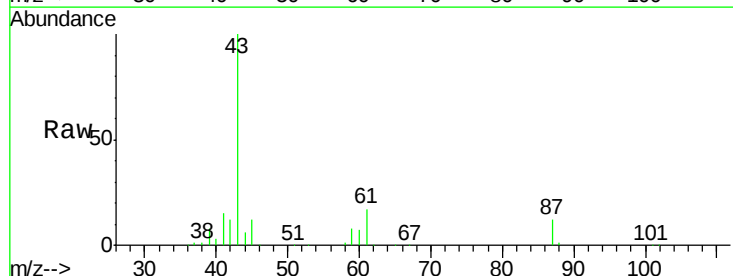
Instrument :
 MSVOA_N
 ClientSampleId :
 SB3-U-23-13

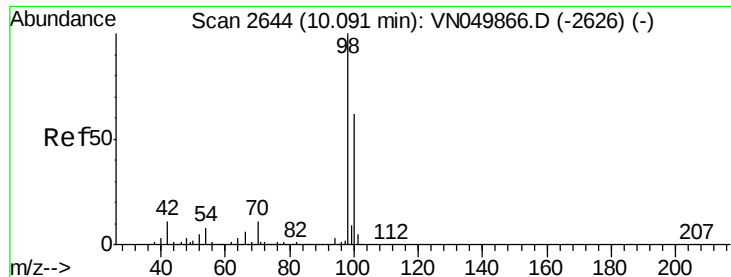
Tot Ion:113 Resp: 371203
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.8
 192 21.7 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 17.44 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Tgt Ion: 43 Resp: 225945
 Ion Ratio Lower Upper
 43 100
 61 17.0 14.9 22.3
 87 11.4 10.0 15.0

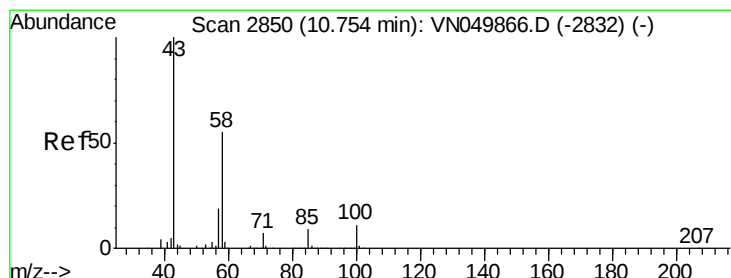
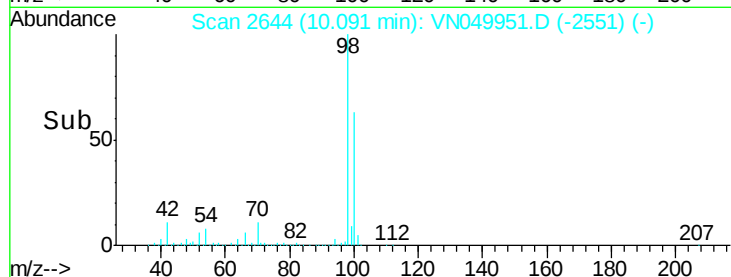
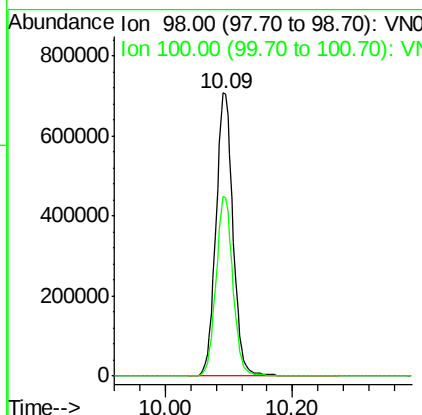
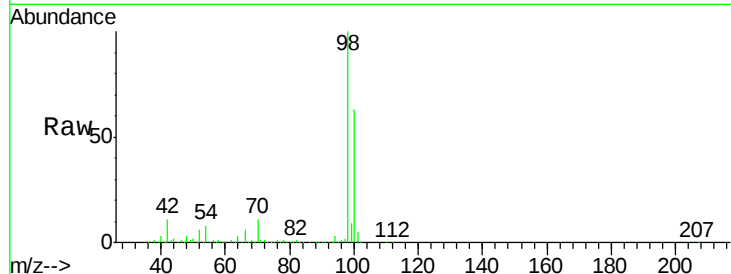




#50
Toluene-d8
Concen: 44.32 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

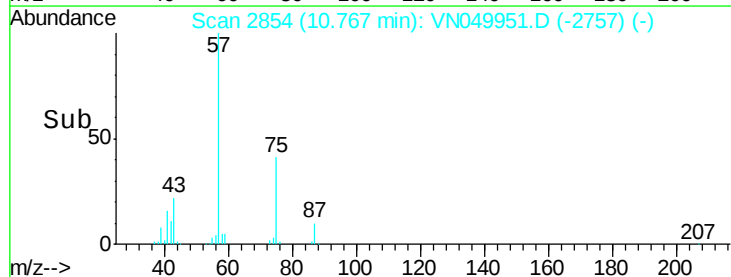
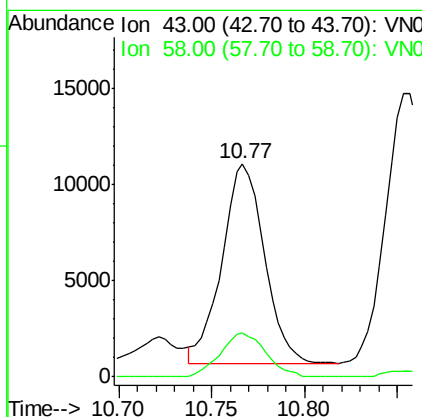
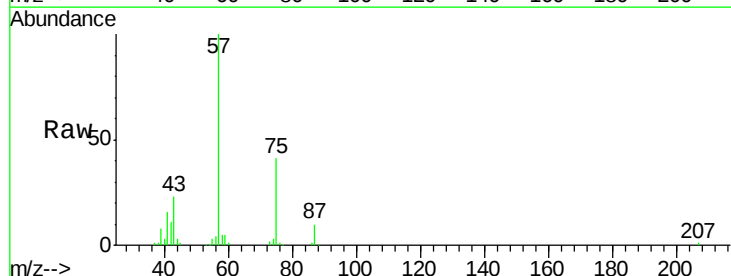
Instrument :
MSVOA_N
ClientSampled :
SB3-U-23-13

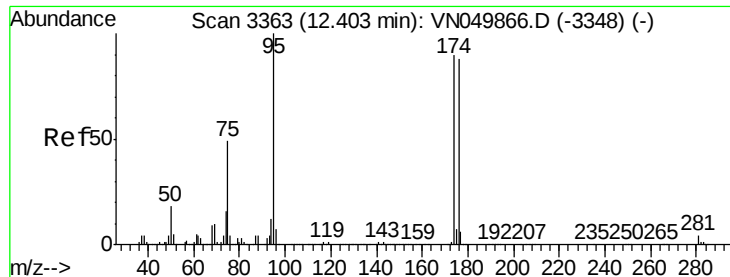
Tot Ion: 98 Resp: 1316574
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5



#59
2-Hexanone
Concen: 3.39 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

Tgt Ion: 43 Resp: 16482
Ion Ratio Lower Upper
43 100
58 23.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.82 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

SB3-U-23-13

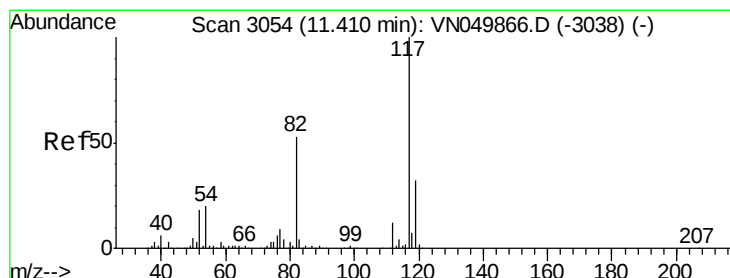
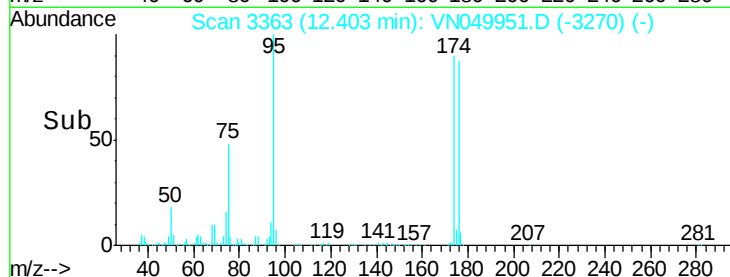
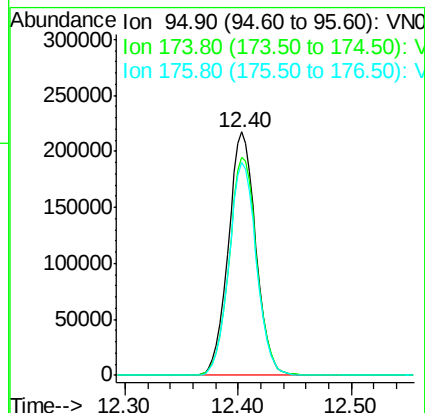
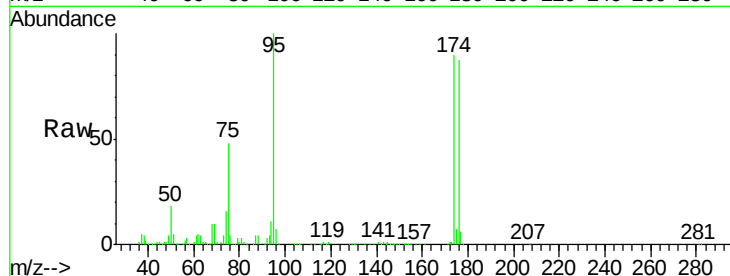
Tot Ion: 95 Resp: 366442

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.6

176 87.4 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: VN049951.D

Acq: 20 Jul 2018 7:07

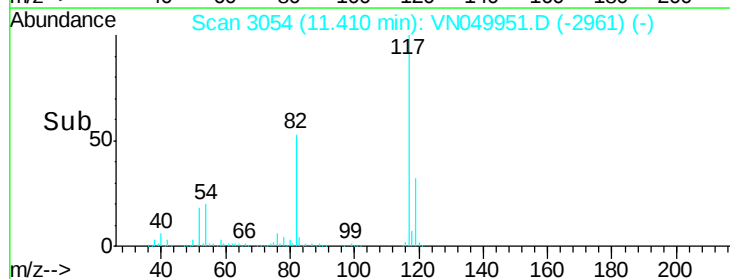
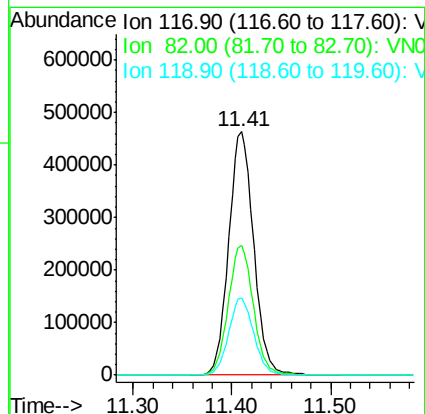
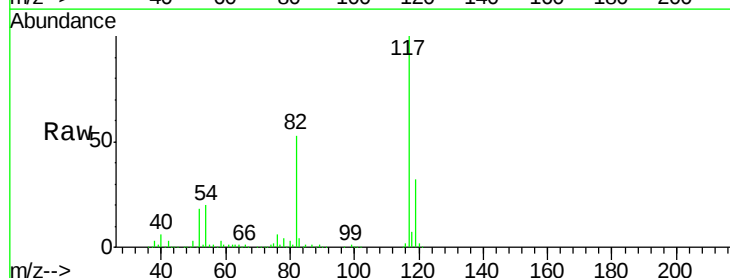
Tgt Ion: 117 Resp: 821137

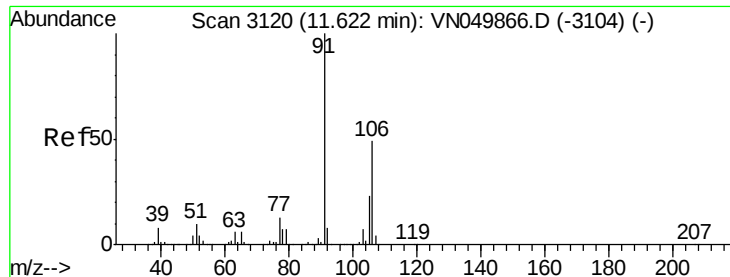
Ion Ratio Lower Upper

117 100

82 53.1 41.9 62.9

119 31.8 25.4 38.2

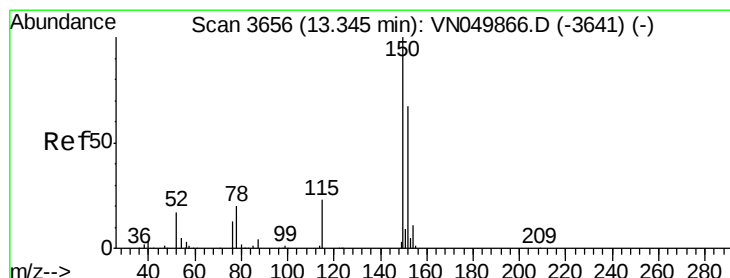
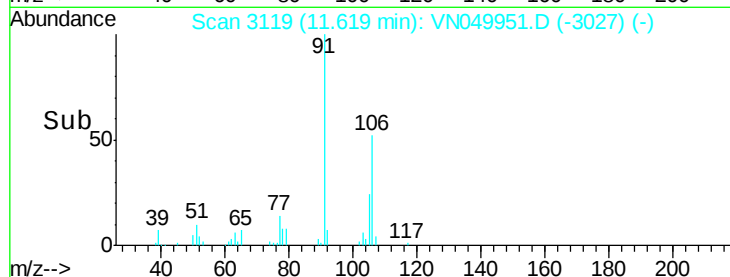
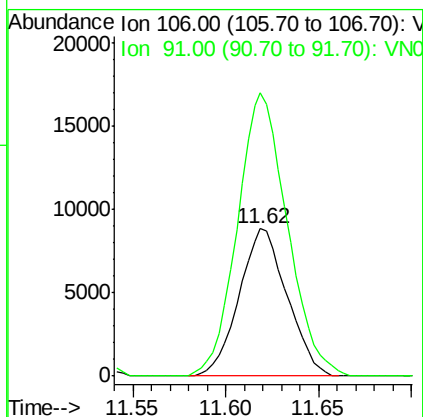
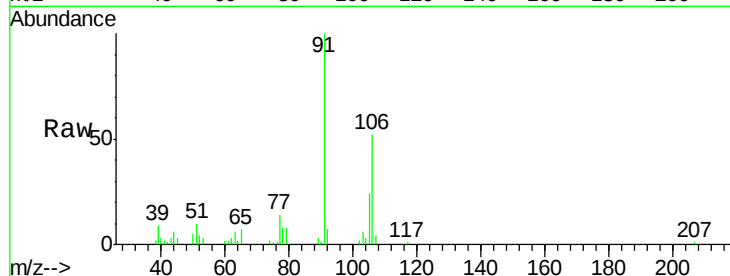




#68
m/p-Xvlenes
Concen: 1.25 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

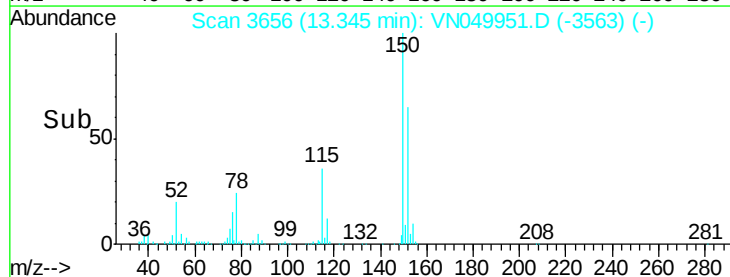
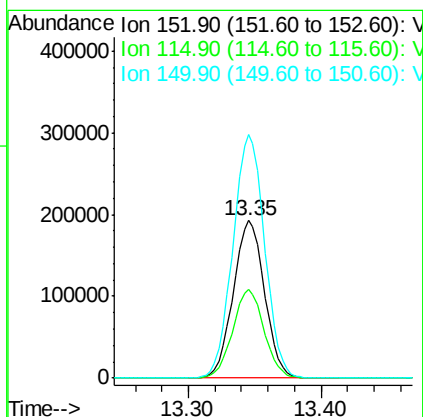
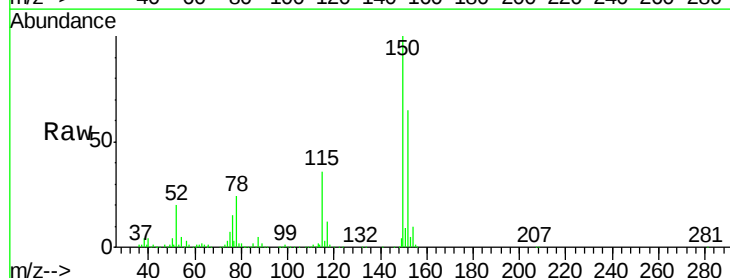
Instrument :
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ClientSampleId :
SB3-U-23-13

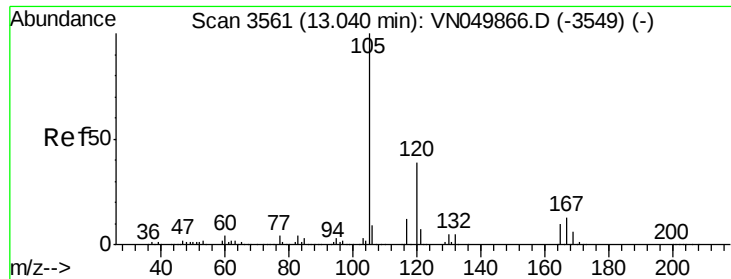
Tot Ion:106 Resp: 15882
Ion Ratio Lower Upper
106 100
91 199.0 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

Tgt Ion:152 Resp: 315370
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 156.3 0.0 347.6

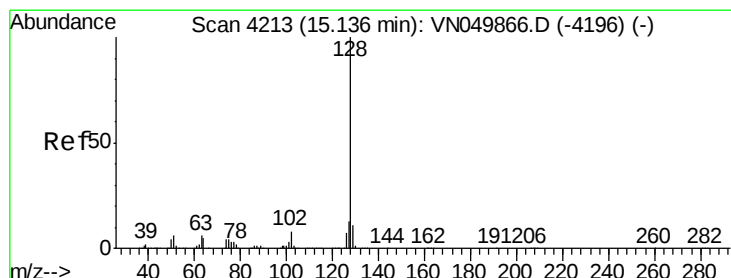
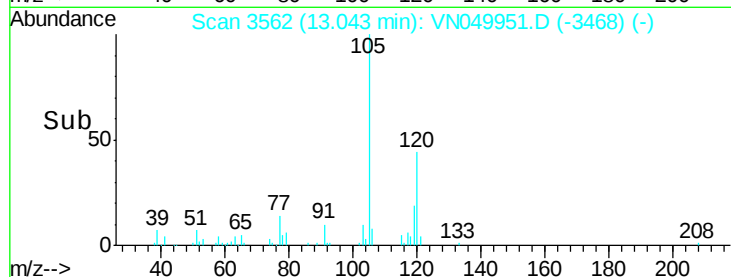
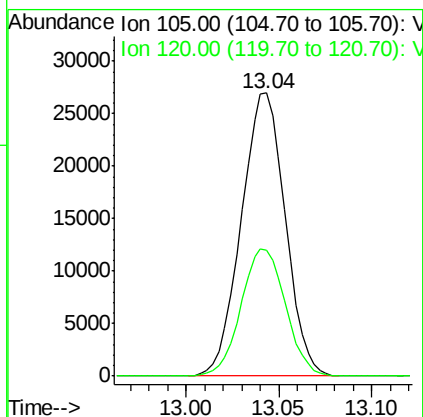
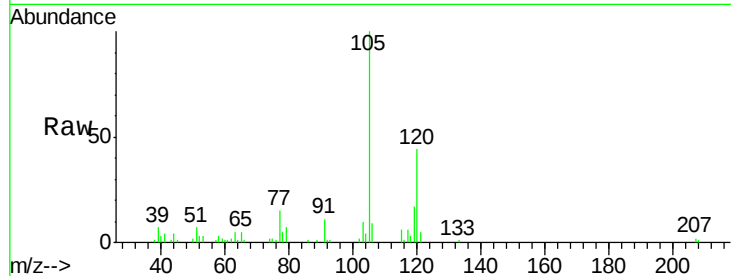




#84
 1,2,4-Trimethylbenzene
 Concen: 2.28 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Instrument :
 MSVOA_N
 ClientSampled :
 SB3-U-23-13

Tot Ion:105 Resp: 44423
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1



#95
 Naphthalene
 Concen: 5.27 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Tgt Ion:128 Resp: 12809
 Ion Ratio Lower Upper
 128 100
 127 6.6 10.4 15.6#
 129 10.8 8.6 13.0

