

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049949.D
 Acq On : 20 Jul 2018 6:16
 Operator : MD\SY
 Sample : J4016-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB2-U-23-13

Quant Time: Jul 20 06:51:18 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	551559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	772278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267388	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	398036	52.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.02%	
35) Dibromofluoromethane	7.59	113	350886	44.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.70%	
50) Toluene-d8	10.09	98	1246844	43.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.48%	
62) 4-Bromofluorobenzene	12.40	95	328164	33.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	66.84%	

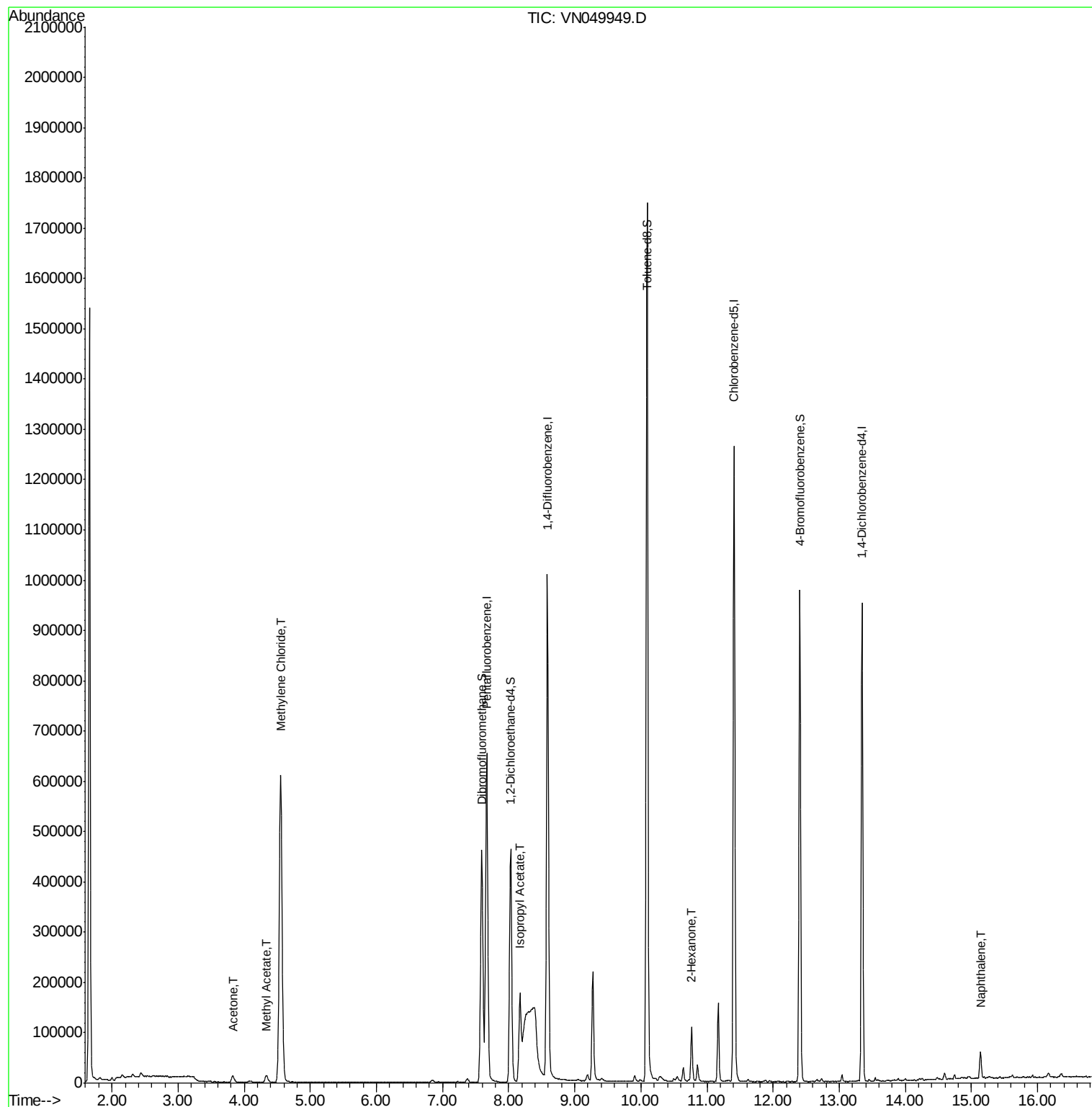
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21662	11.04	ug/l	99
18) Methyl Acetate	4.33	43	26686	3.56	ug/l	98
20) Methylene Chloride	4.55	84	470208	63.00	ug/l	99
43) Isopropyl Acetate	8.17	43	213583	17.18	ug/l	97
59) 2-Hexanone	10.77	43	15079	3.23	ug/l	63
95) Naphthalene	15.14	128	46006	7.80	ug/l	99

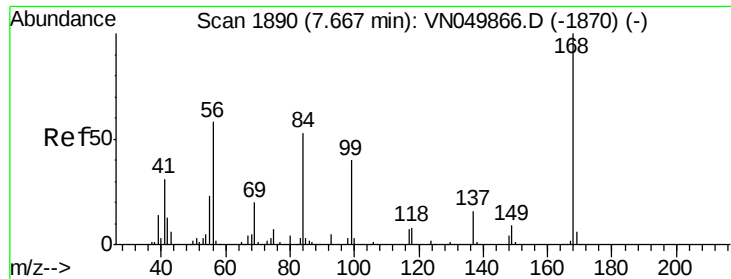
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 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: VN049949.D

Acq: 20 Jul 2018 6:16

Instrument :

MSVOA_N

ClientSampled :

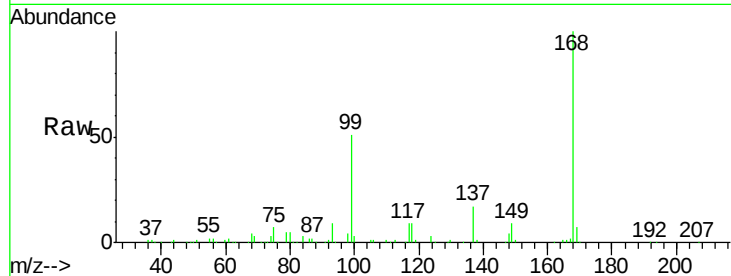
SB2-U-23-13

Tot Ion:168 Resp: 551559

Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

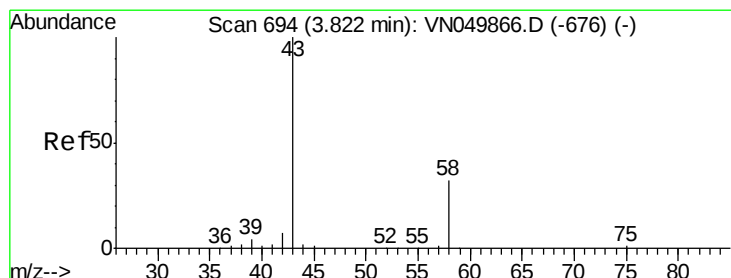
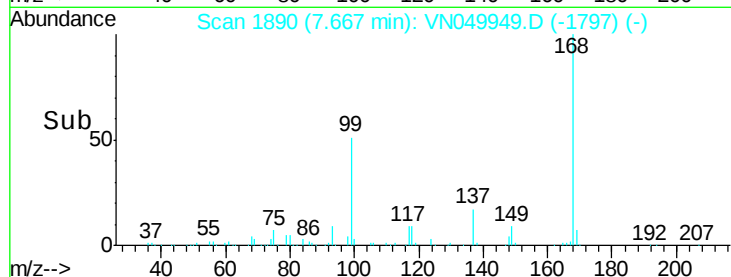
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.04 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049949.D

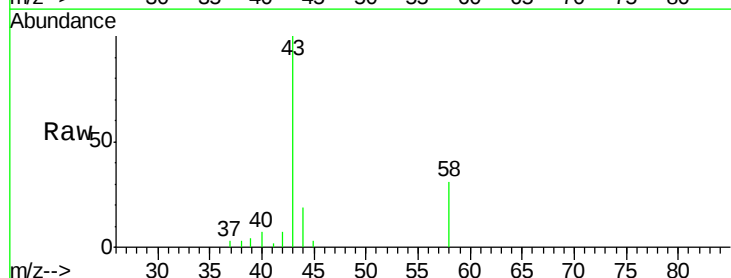
Acq: 20 Jul 2018 6:16

Tgt Ion: 43 Resp: 21662

Ion Ratio Lower Upper

43 100

58 32.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

10000

8000

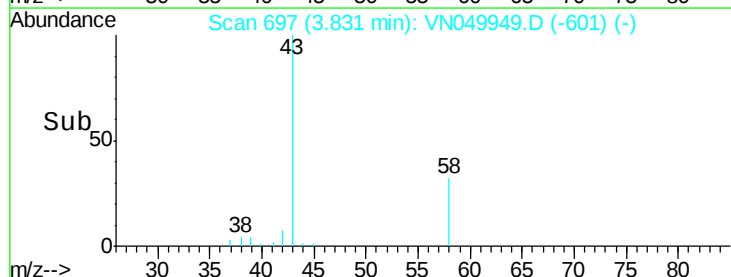
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4000

2000

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Time-->

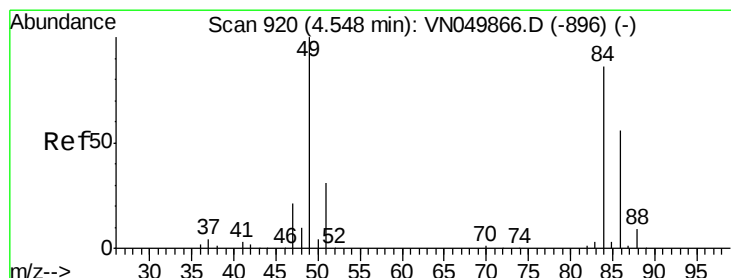
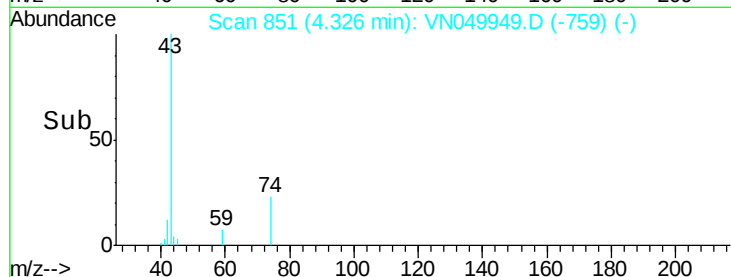
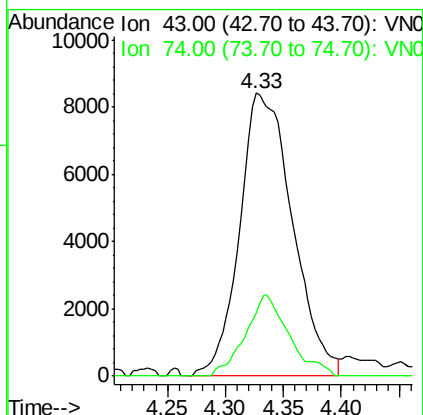
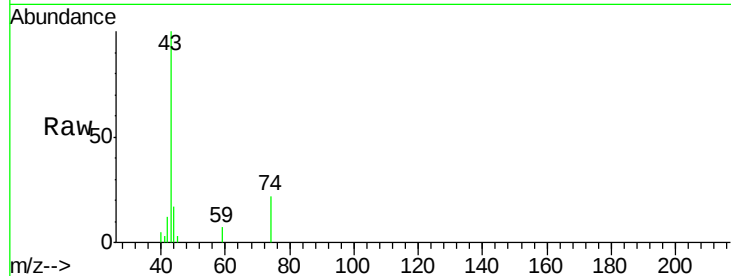




#18
Methvl Acetate
Concen: 3.56 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049949.D
Acq: 20 Jul 2018 6:16

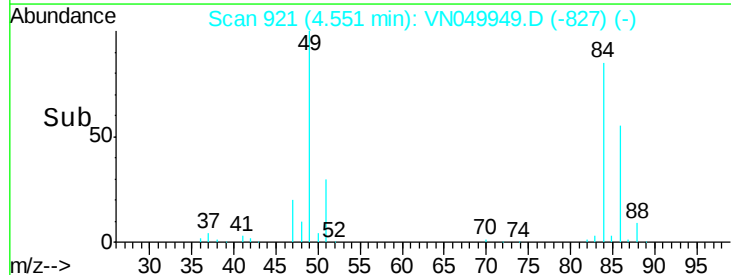
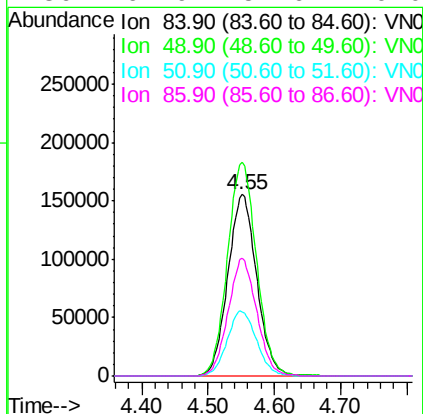
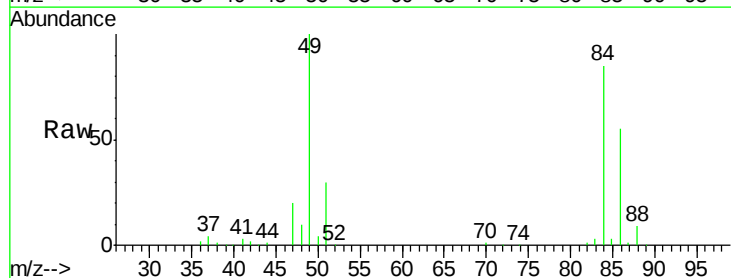
Instrument :
MSVOA_N
ClientSampleId :
SB2-U-23-13

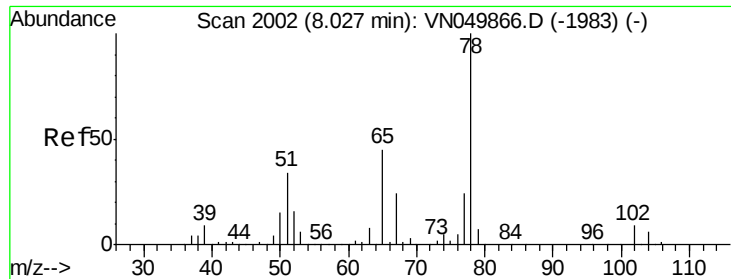
Tot Ion: 43 Resp: 26686
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8



#20
Methylene Chloride
Concen: 63.00 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049949.D
Acq: 20 Jul 2018 6:16

Tgt Ion: 84 Resp: 470208
Ion Ratio Lower Upper
84 100
49 117.6 95.4 143.2
51 35.4 28.4 42.6
86 64.9 52.6 79.0

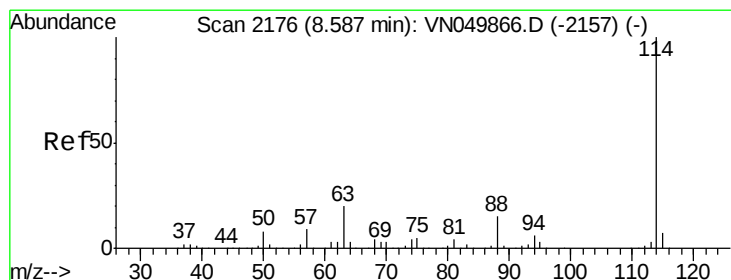
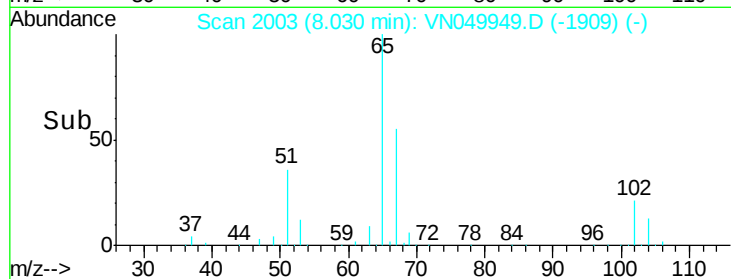
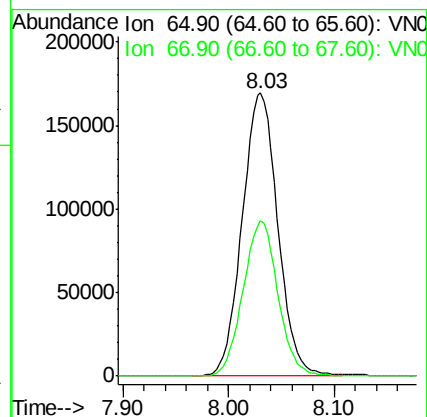
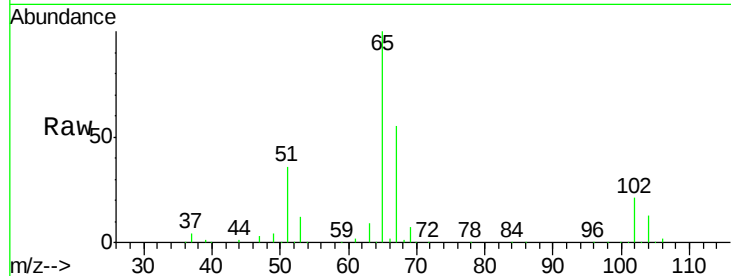




#33
 1,2-Dichloroethane-d4
 Concen: 52.51 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049949.D
 Acq: 20 Jul 2018 6:16

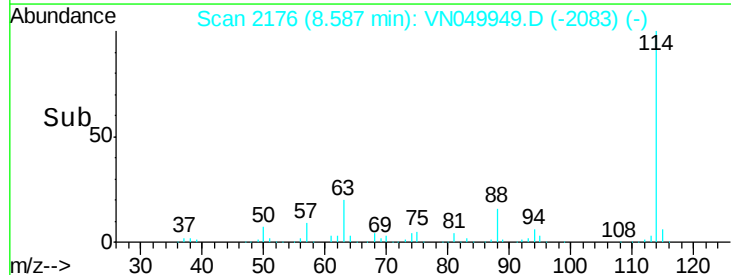
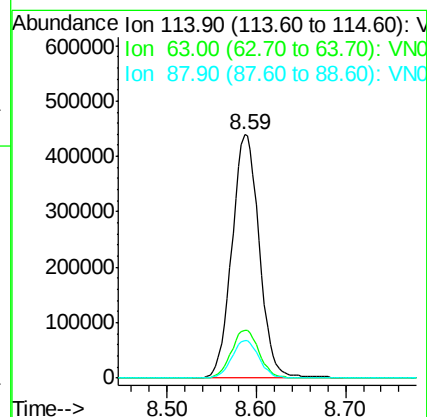
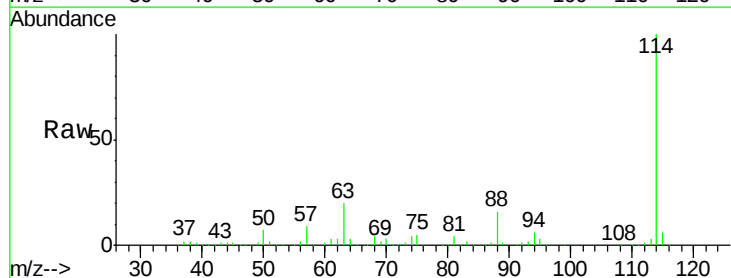
Instrument :
 MSVOA_N
 ClientSampleId :
 SB2-U-23-13

Tot Ion: 65 Resp: 398036
 Ion Ratio Lower Upper
 65 100
 67 54.0 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: VN049949.D
 Acq: 20 Jul 2018 6:16

Tgt Ion: 114 Resp: 931995
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 30.6

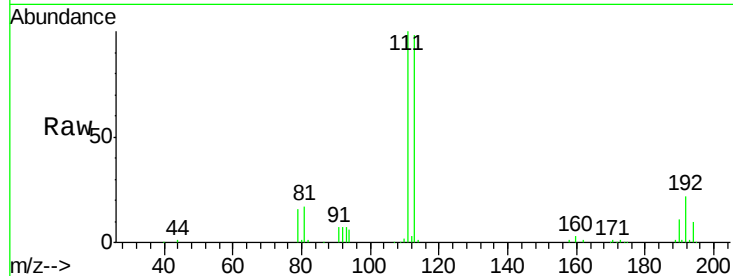




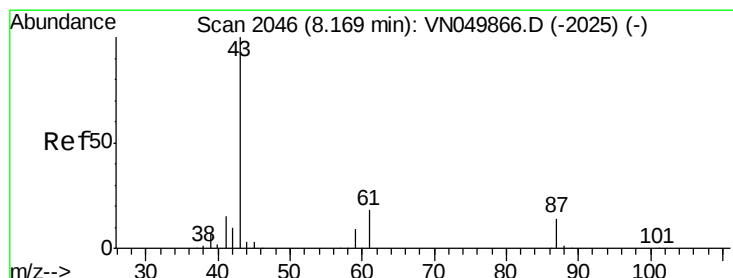
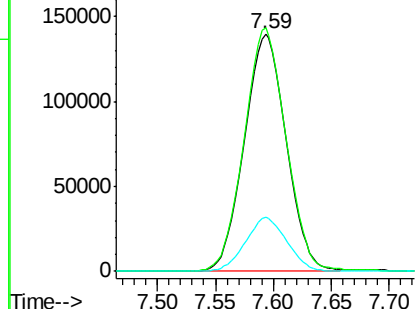
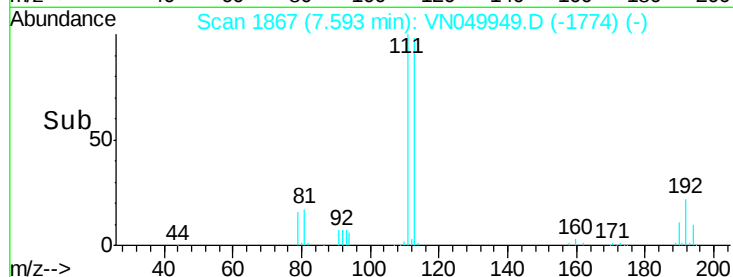
#35
 Dibromofluoromethane
 Concen: 44.85 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049949.D
 Acq: 20 Jul 2018 6:16

Instrument :
 MSVOA_N
 ClientSampleId :
 SB2-U-23-13

Tot Ion:113 Resp: 350886
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 22.5 17.8 26.6

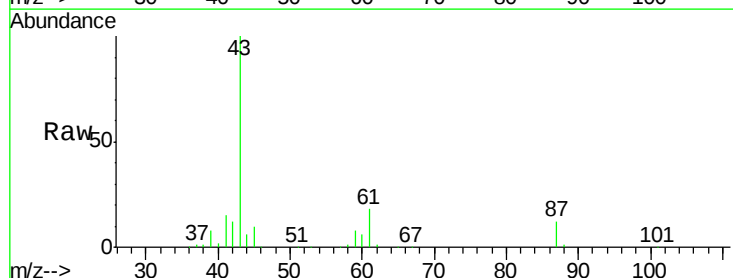


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

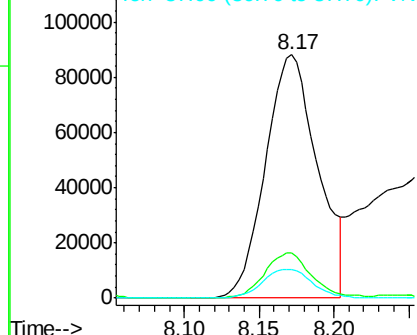
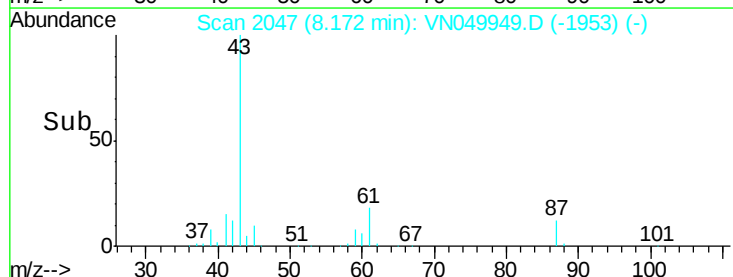


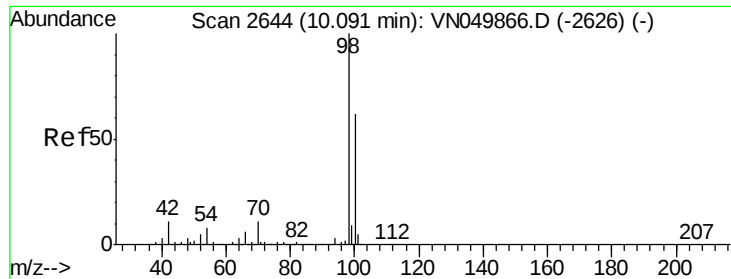
#43
 Isopropyl Acetate
 Concen: 17.18 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049949.D
 Acq: 20 Jul 2018 6:16

Tgt Ion: 43 Resp: 213583
 Ion Ratio Lower Upper
 43 100
 61 16.8 14.9 22.3
 87 11.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V

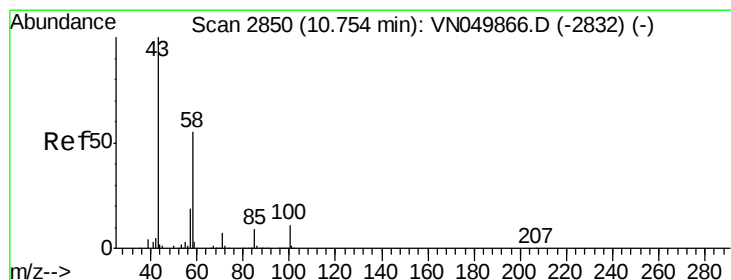
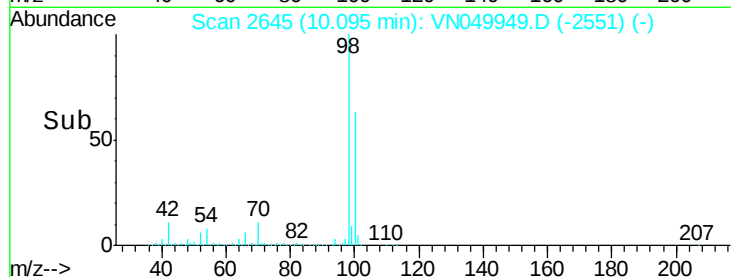
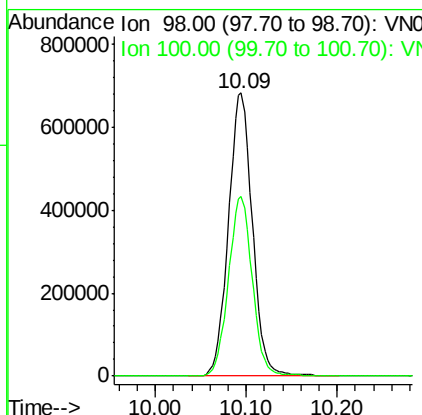
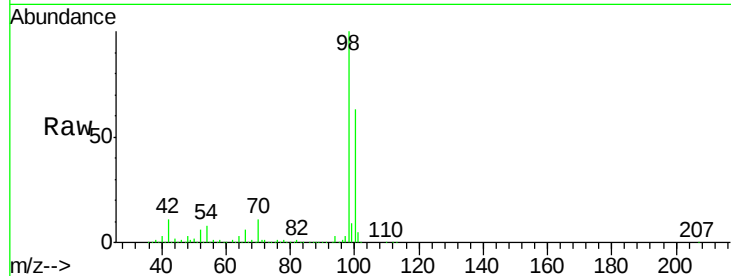




#50
Toluene-d8
Concen: 43.74 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049949.D
Acq: 20 Jul 2018 6:16

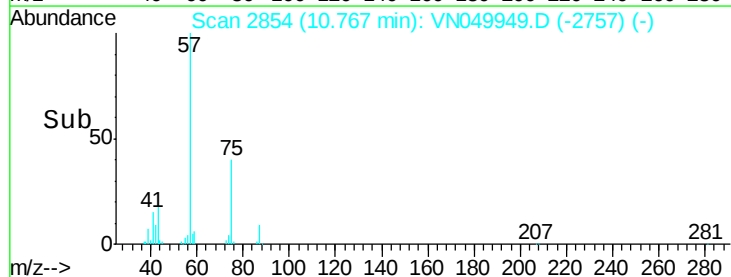
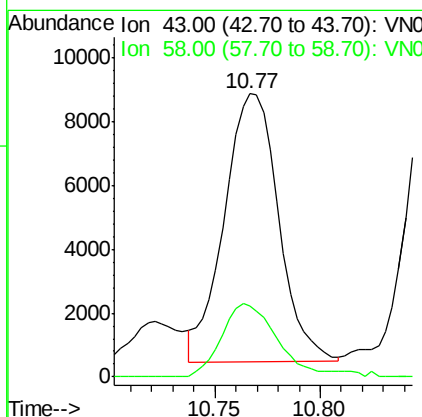
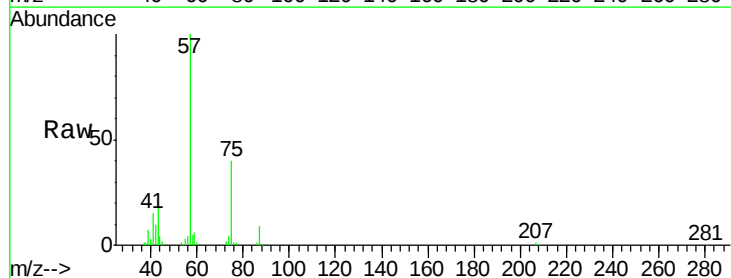
Instrument :
MSVOA_N
ClientSampled :
SB2-U-23-13

Tot Ion: 98 Resp: 1246844
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#59
2-Hexanone
Concen: 3.23 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049949.D
Acq: 20 Jul 2018 6:16

Tgt Ion: 43 Resp: 15079
Ion Ratio Lower Upper
43 100
58 28.6 27.8 83.4

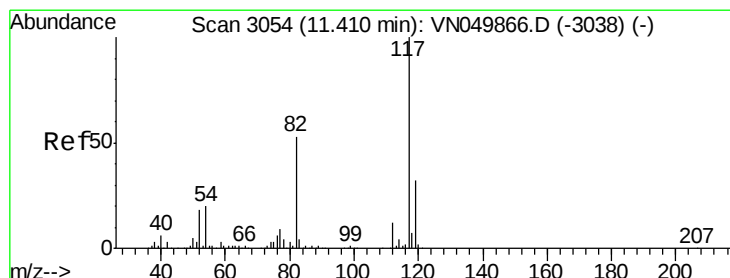
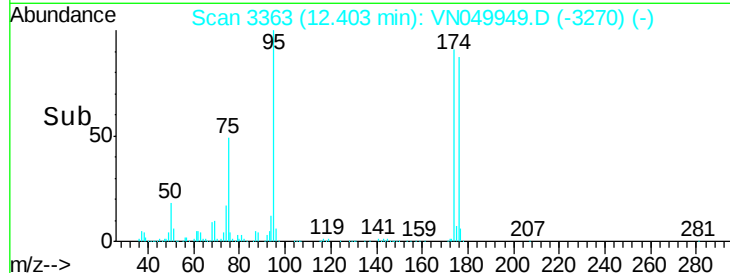
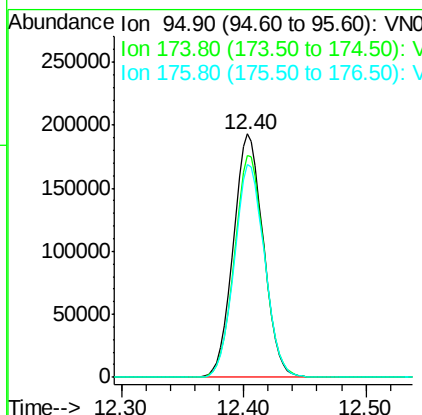
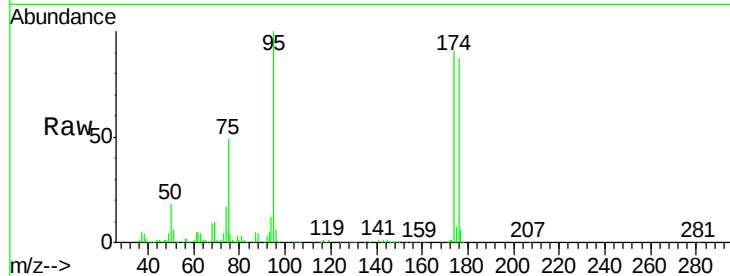




#62
4-Bromofluorobenzene
Concen: 33.42 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049949.D
Acq: 20 Jul 2018 6:16

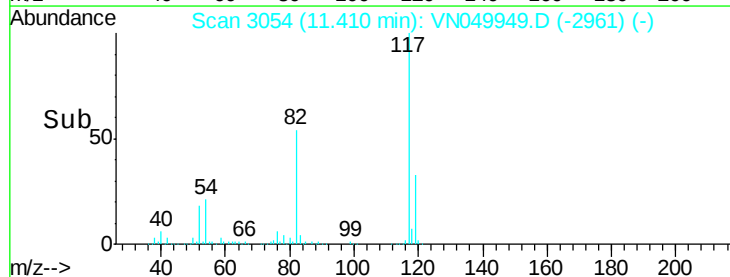
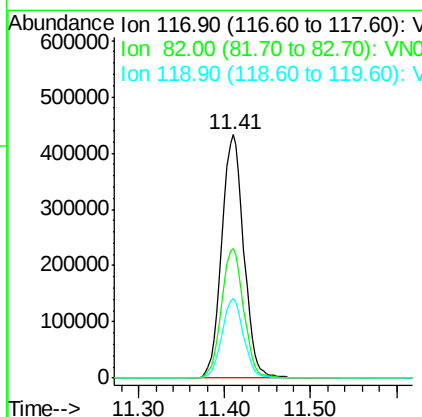
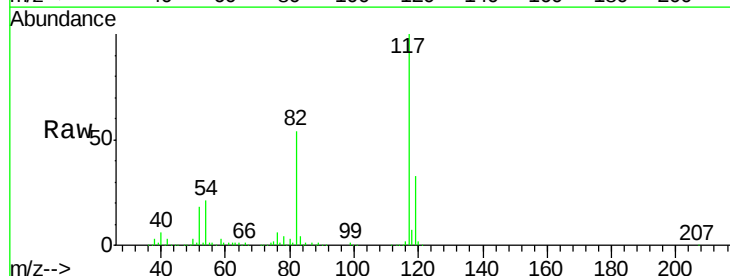
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MSVOA_N
ClientSampleId :
SB2-U-23-13

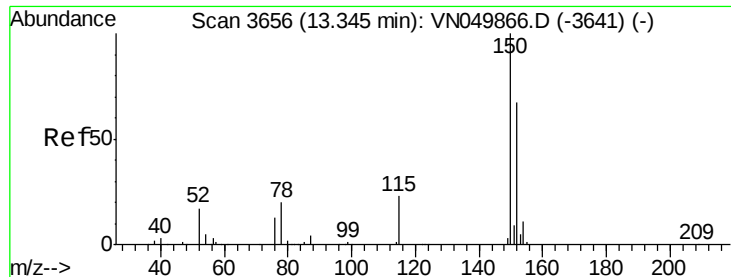
Tot Ion: 95 Resp: 328164
Ion Ratio Lower Upper
95 100
174 91.4 0.0 179.6
176 88.2 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049949.D
Acq: 20 Jul 2018 6:16

Tgt Ion: 117 Resp: 772278
Ion Ratio Lower Upper
117 100
82 53.5 41.9 62.9
119 32.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049949.D

Acq: 20 Jul 2018 6:16

Instrument :

MSVOA_N

ClientSampled :

SB2-U-23-13

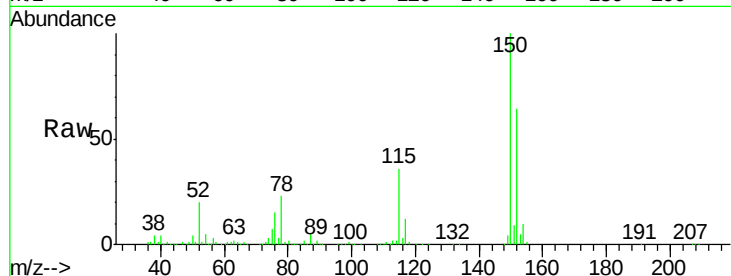
Tot Ion:152 Resp: 267388

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

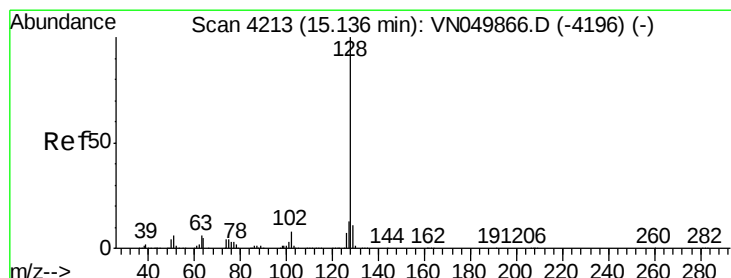
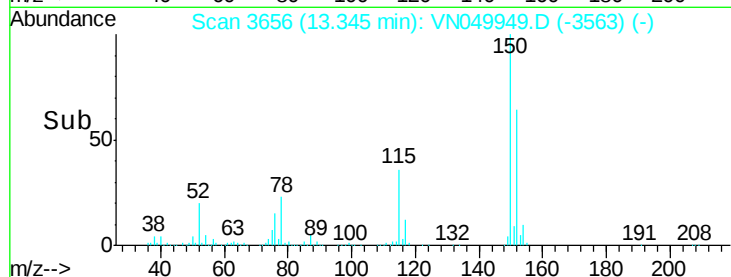
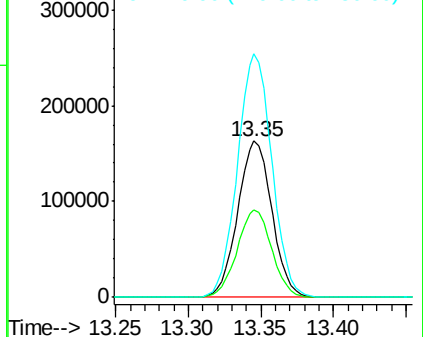
150 156.7 0.0 347.6



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: 7.80 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049949.D

Acq: 20 Jul 2018 6:16

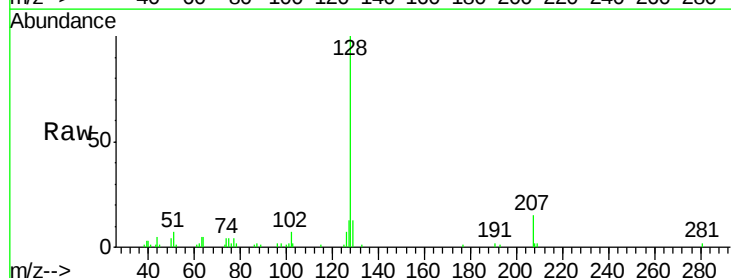
Tgt Ion:128 Resp: 46006

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.4 8.6 13.0



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

