

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049945.D
 Acq On : 20 Jul 2018 4:32
 Operator : MD\SY
 Sample : J4030-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB8-12-0

Quant Time: Jul 20 05:36:45 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	561155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	948663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307839	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	405295	52.55	ug/l	0.00
Spiked Amount						
			Recovery	=	105.10%	
35) Dibromofluoromethane	7.59	113	361399	45.38	ug/l	0.00
Spiked Amount						
			Recovery	=	90.76%	
50) Toluene-d8	10.09	98	1269941	43.76	ug/l	0.00
Spiked Amount						
			Recovery	=	87.52%	
62) 4-Bromofluorobenzene	12.40	95	361278	36.15	ug/l	0.00
Spiked Amount						
			Recovery	=	72.30%	

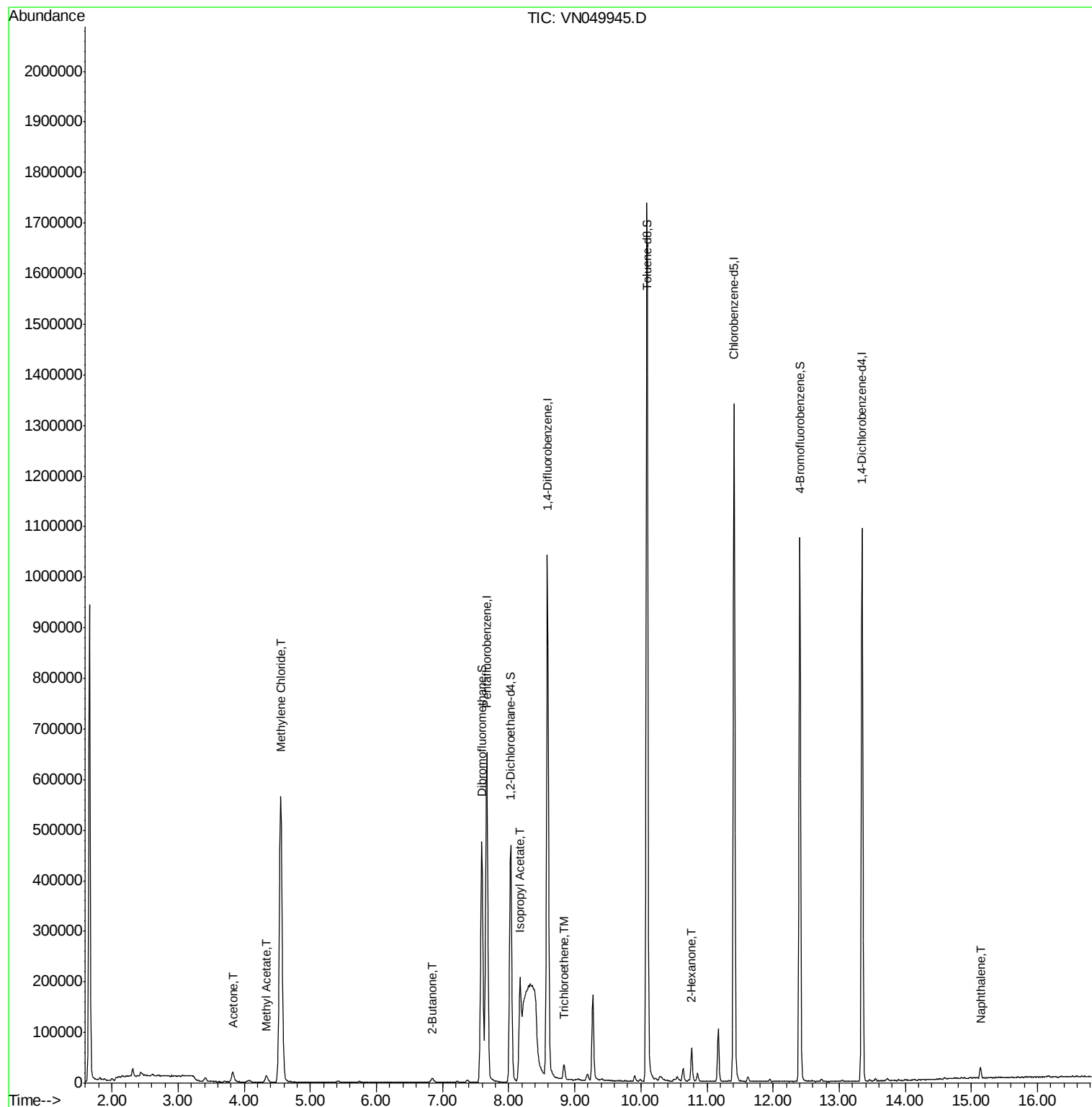
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34364	17.21	ug/l	100
18) Methyl Acetate	4.33	43	23105	2.90	ug/l	97
20) Methylene Chloride	4.55	84	435700	57.37	ug/l	98
25) 2-Butanone	6.85	43	9774	3.42	ug/l	99
43) Isopropyl Acetate	8.17	43	242942	19.20	ug/l	94
44) Trichloroethene	8.84	130	10449	1.24	ug/l	80
59) 2-Hexanone	10.77	43	9655	2.03	ug/l #	58
95) Naphthalene	15.14	128	18023	5.62	ug/l	98

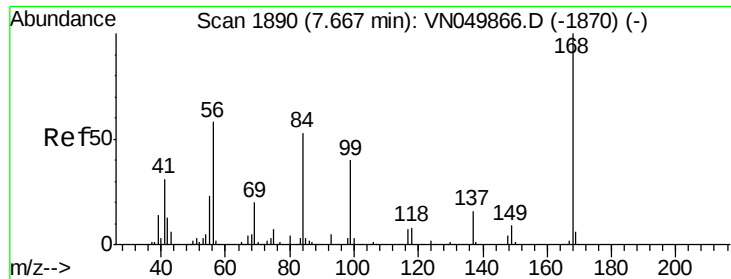
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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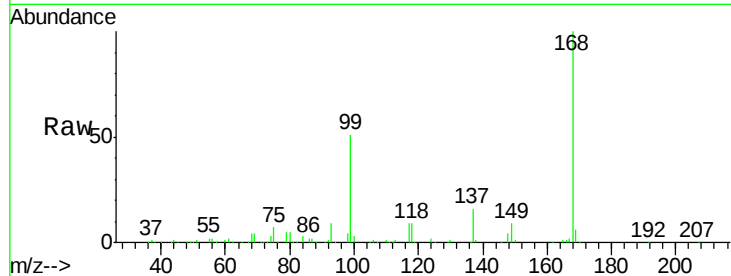


#1

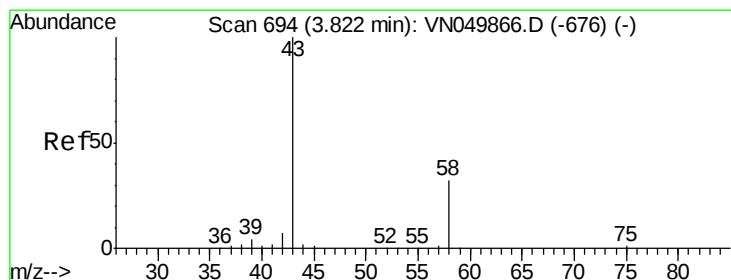
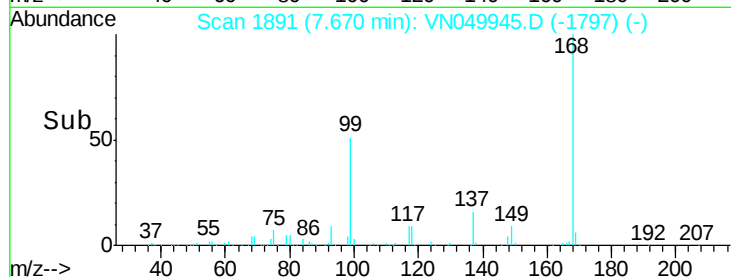
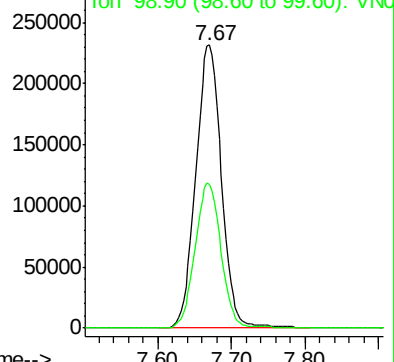
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

Instrument :
 MSVOA_N
 ClientSampled :
 SB8-12-0

Tot Ion:168 Resp: 561155
 Ion Ratio Lower Upper
 168 100
 99 50.7 40.6 61.0



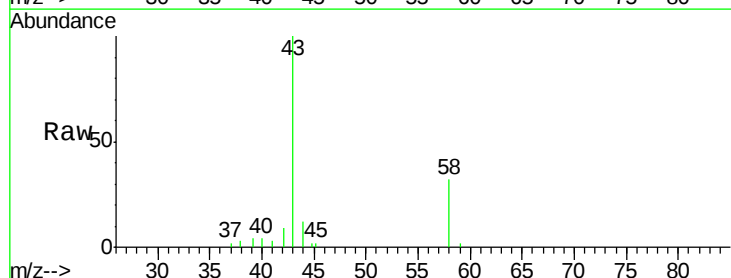
Abundance Ion 167.90 (167.60 to 168.60): V



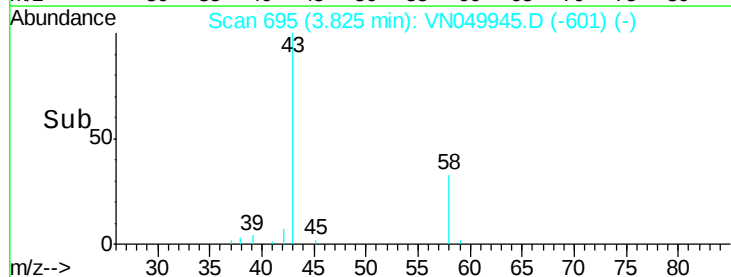
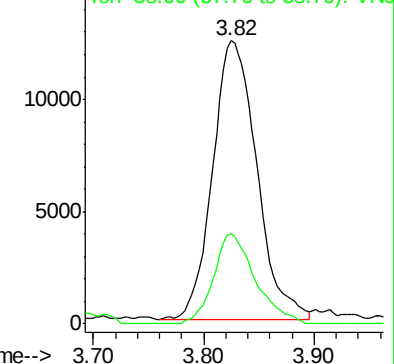
#16

Acetone
 Concen: 17.21 ug/l
 RT: 3.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

Tgt Ion: 43 Resp: 34364
 Ion Ratio Lower Upper
 43 100
 58 32.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

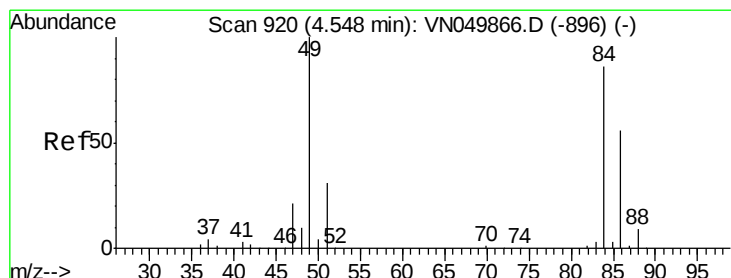
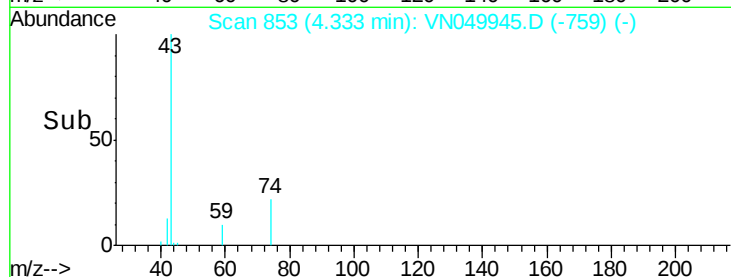
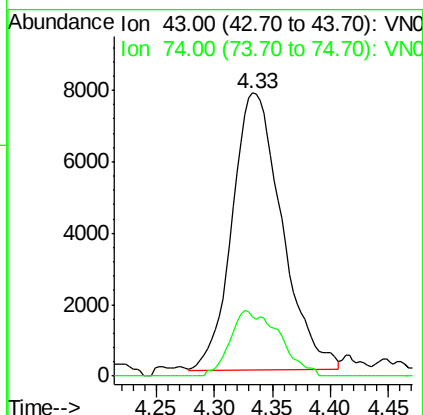
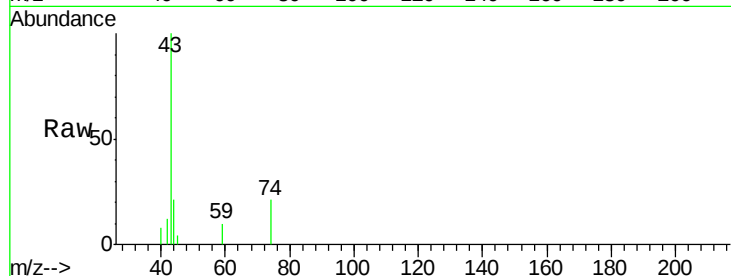




#18
Methvl Acetate
Concen: 2.90 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

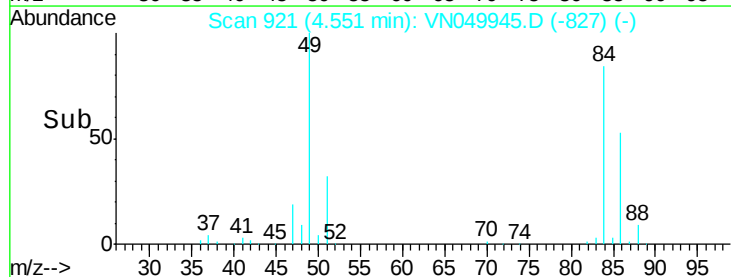
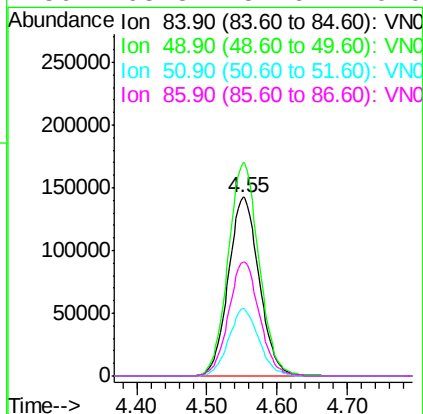
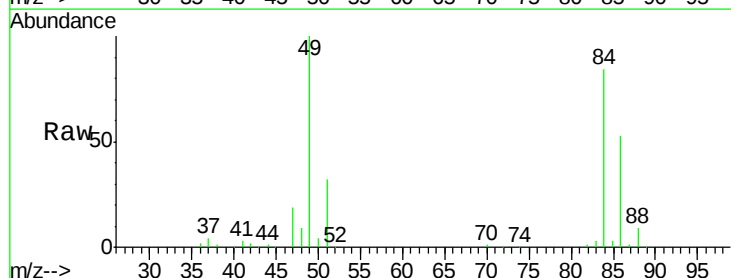
Instrument :
MSVOA_N
ClientSampleId :
SB8-12-0

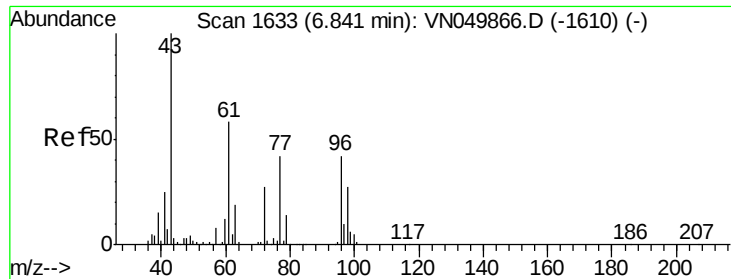
Tot Ion: 43 Resp: 23105
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.8



#20
Methylene Chloride
Concen: 57.37 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

Tgt Ion: 84 Resp: 435700
Ion Ratio Lower Upper
84 100
49 119.4 95.4 143.2
51 38.1 28.4 42.6
86 63.8 52.6 79.0

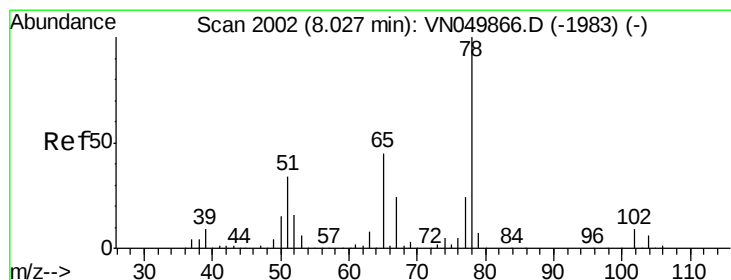
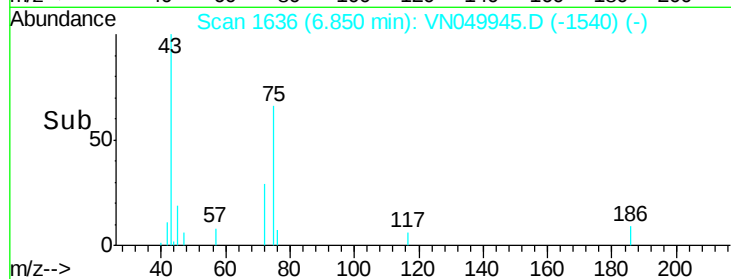
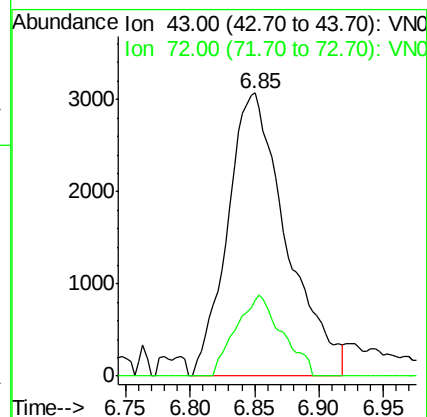
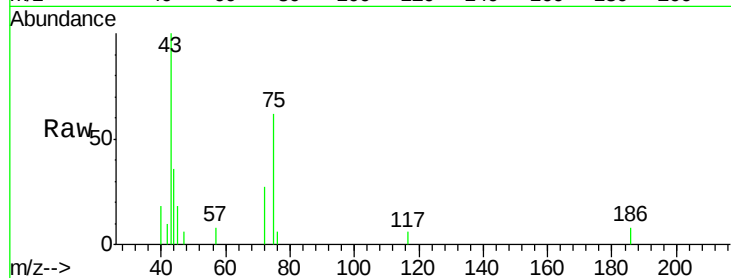




#25
2-Butanone
Concen: 3.42 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

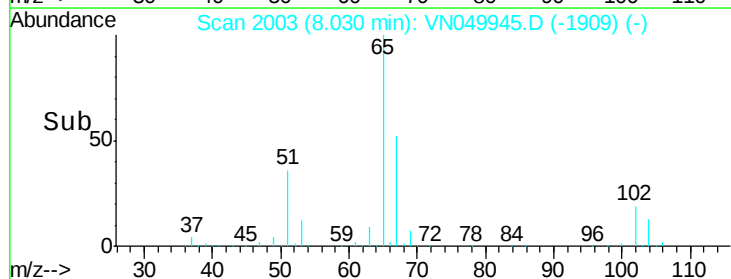
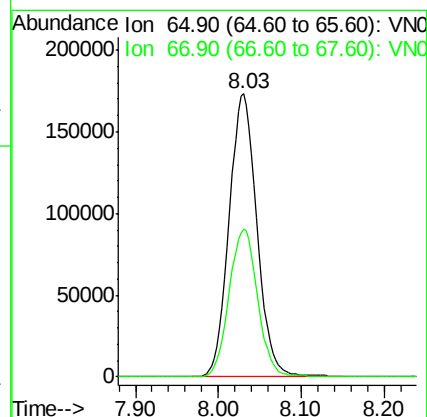
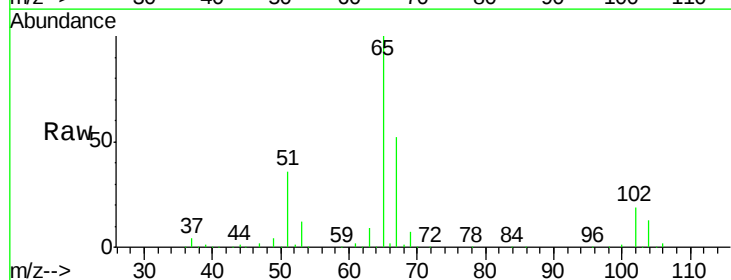
Instrument :
MSVOA_N
ClientSampled :
SB8-12-0

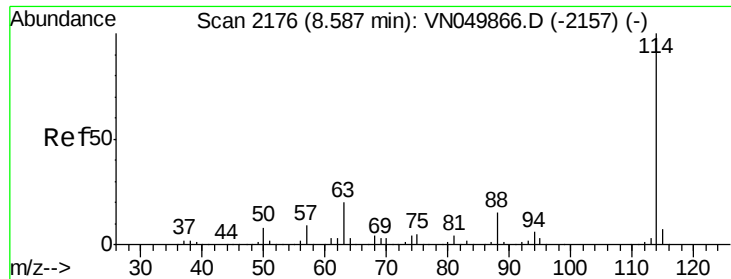
Tot Ion: 43 Resp: 9774
Ion Ratio Lower Upper
43 100
72 26.9 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 52.55 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

Tgt Ion: 65 Resp: 405295
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2

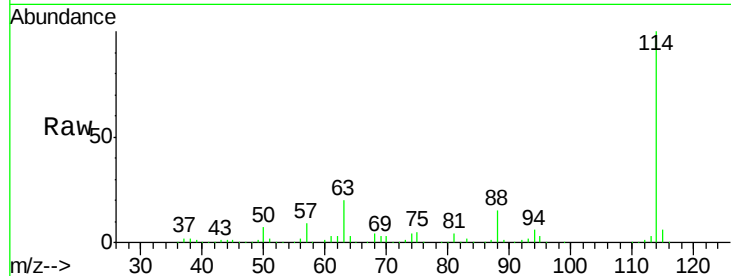




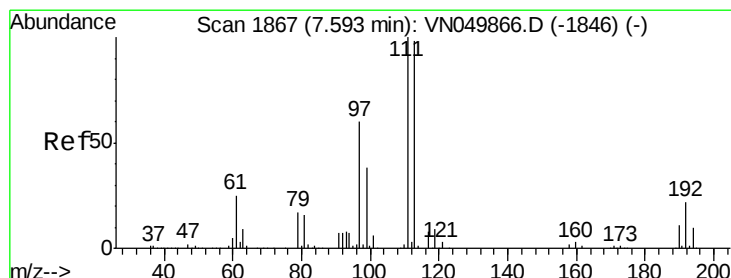
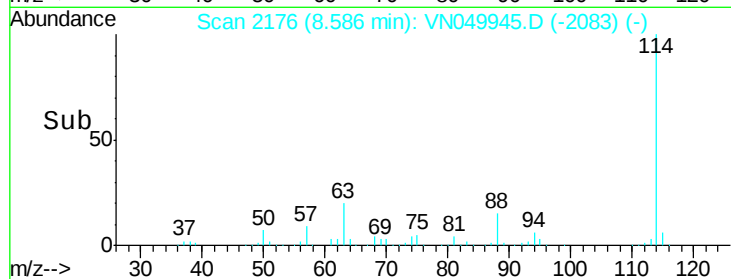
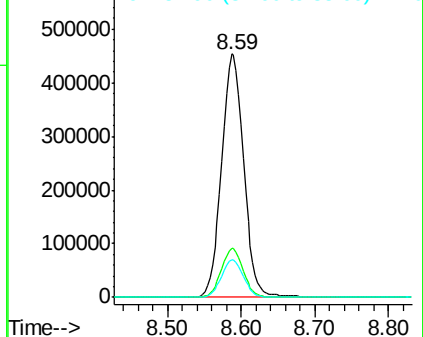
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

Instrument :
 MSVOA_N
 ClientSampleId :
 SB8-12-0

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.5	0.0	30.6

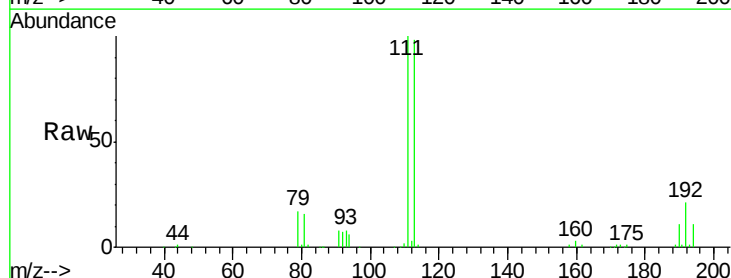


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

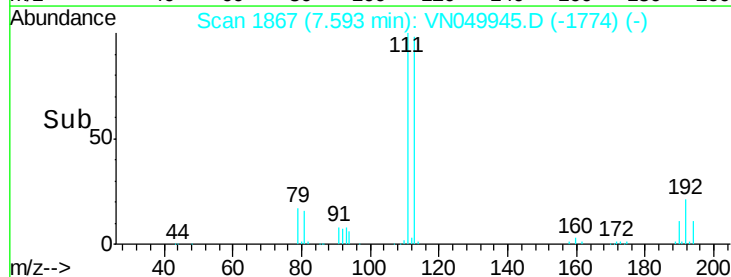
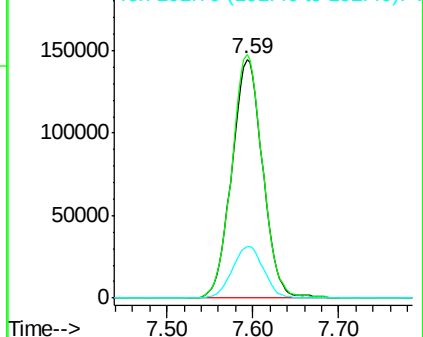


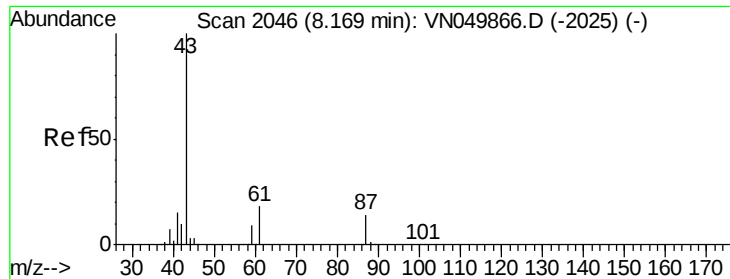
#35
 Dibromofluoromethane
 Concen: 45.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	21.9	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: 19.20 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

SB8-12-0

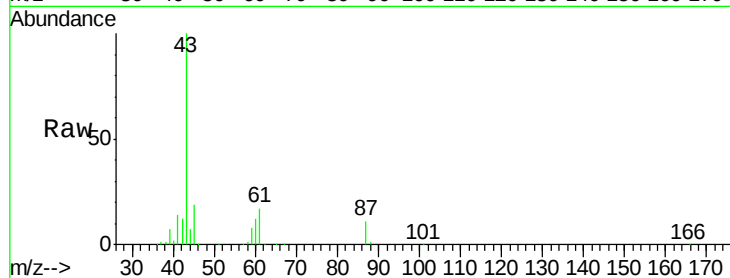
Tot Ion: 43 Resp: 242942

Ion Ratio Lower Upper

43 100

61 15.8 14.9 22.3

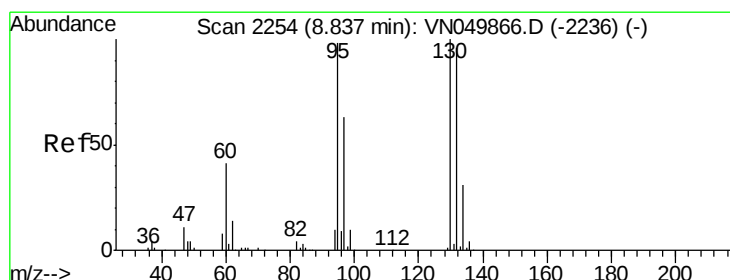
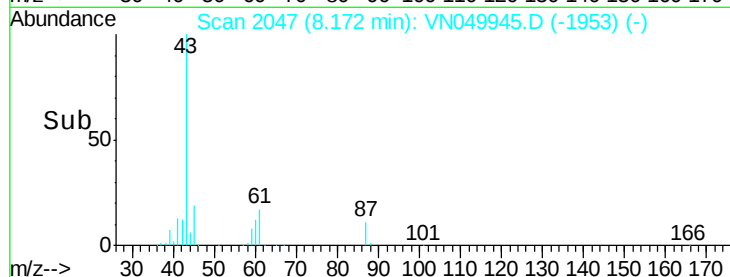
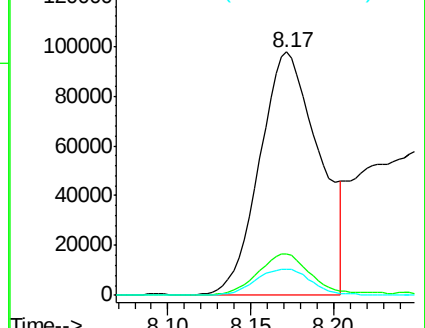
87 10.3 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)



#44

Trichloroethene

Concen: 1.24 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049945.D

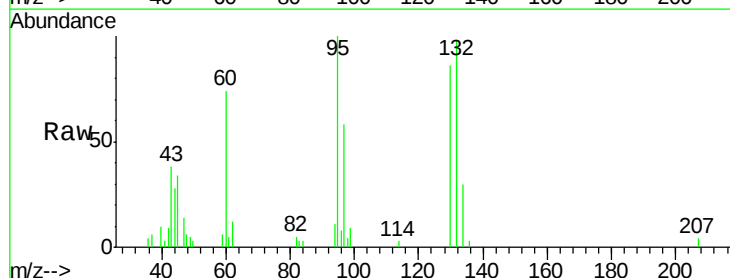
Acq: 20 Jul 2018 4:32

Tgt Ion:130 Resp: 10449

Ion Ratio Lower Upper

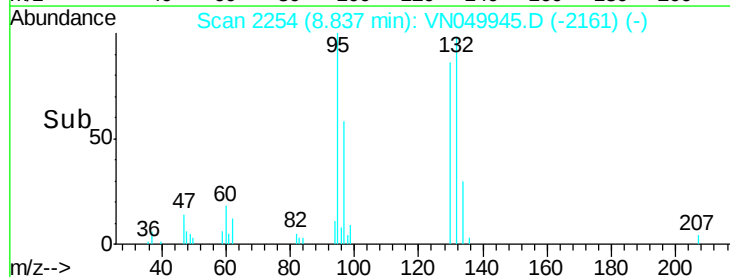
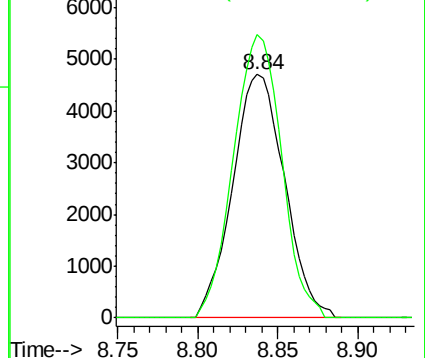
130 100

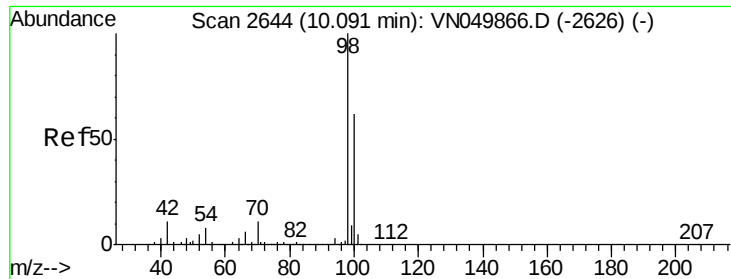
95 116.2 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049866.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049866.D (-2236) (-)

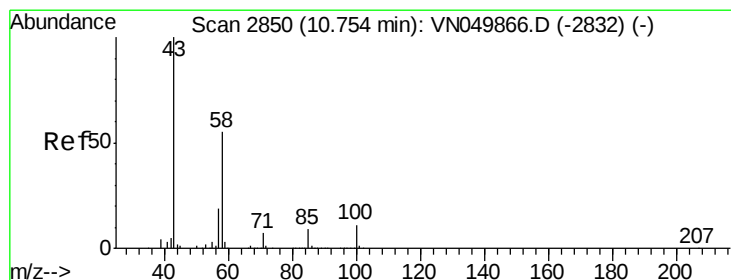
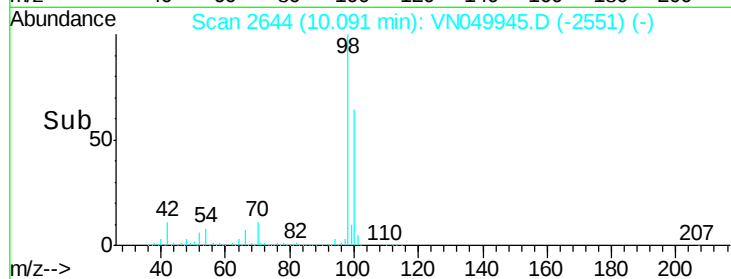
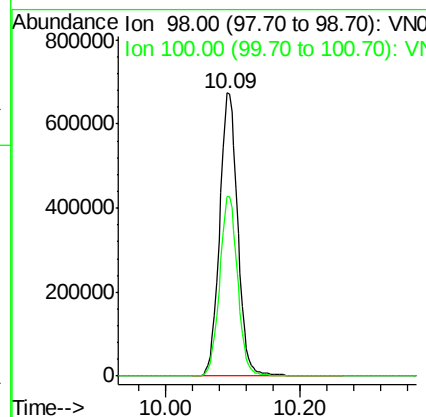
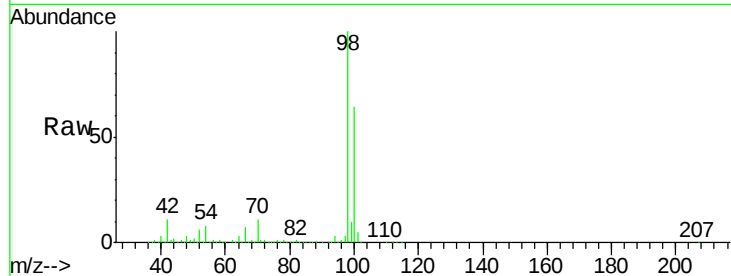




#50
Toluene-d8
Concen: 43.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

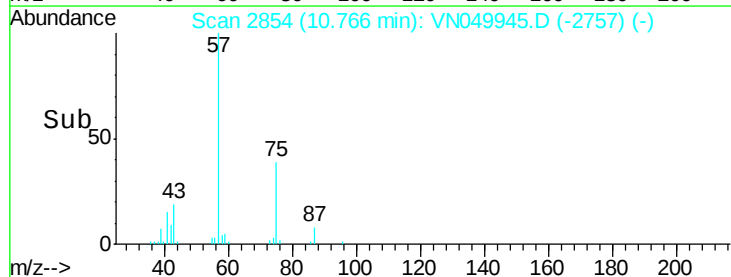
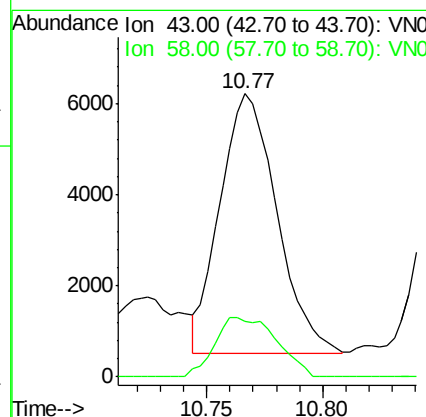
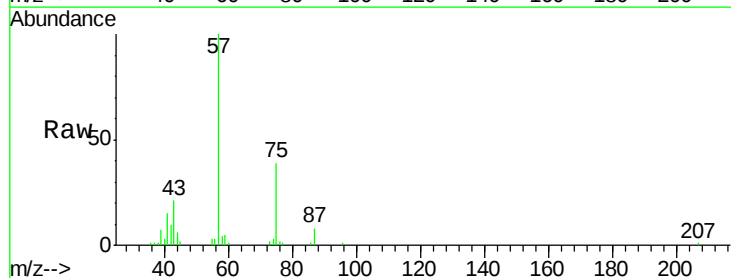
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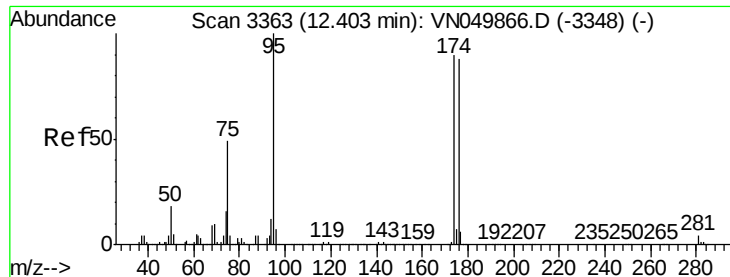
Tot Ion: 98 Resp: 1269941
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#59
2-Hexanone
Concen: 2.03 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

Tgt Ion: 43 Resp: 9655
Ion Ratio Lower Upper
43 100
58 25.0 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 36.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

SB8-12-0

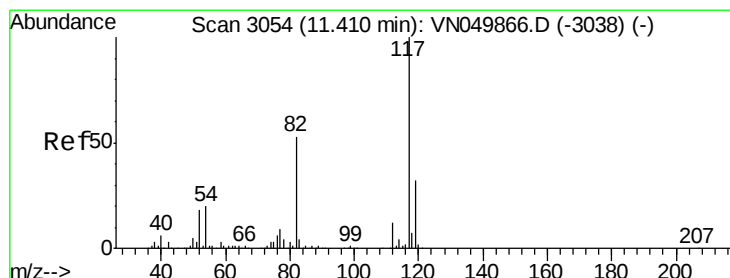
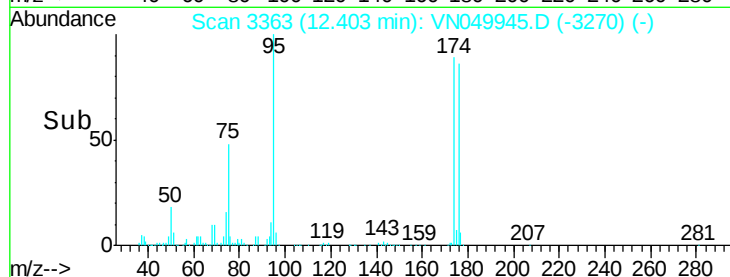
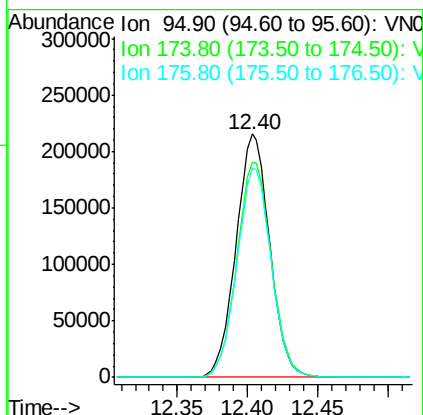
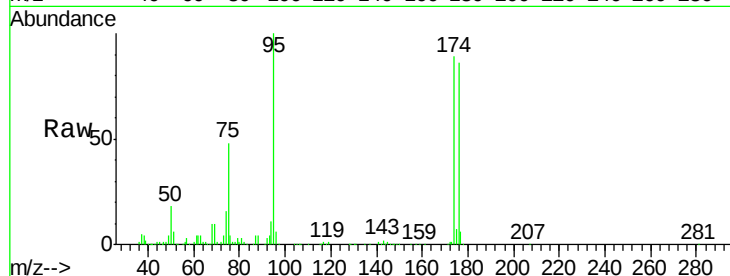
Tot Ion: 95 Resp: 361278

Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.6

176 87.2 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: VN049945.D

Acq: 20 Jul 2018 4:32

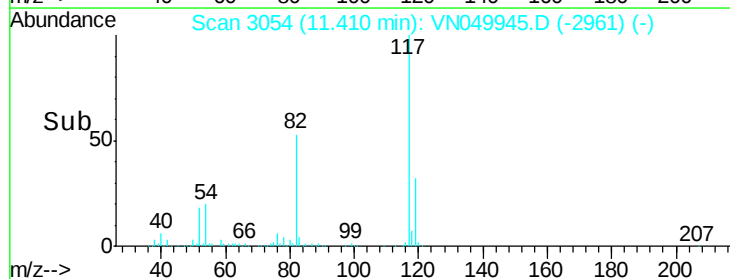
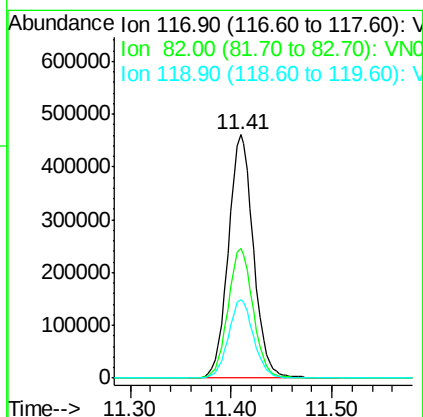
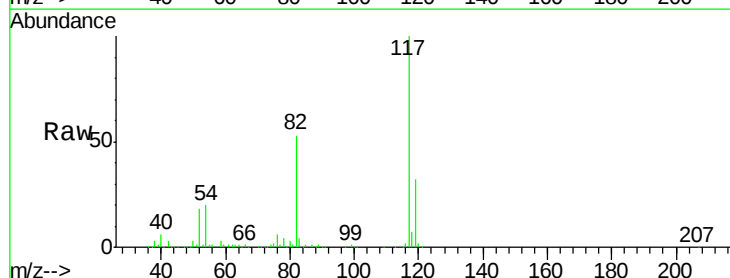
Tgt Ion: 117 Resp: 800002

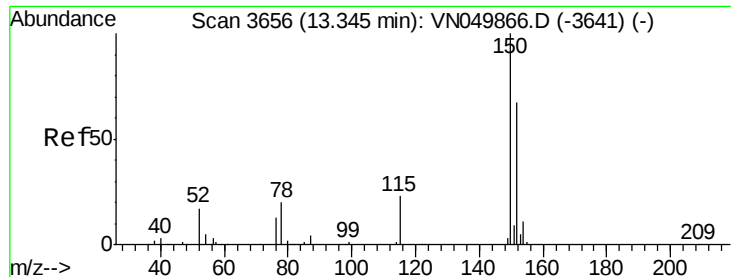
Ion Ratio Lower Upper

117 100

82 53.4 41.9 62.9

119 32.4 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: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

SB8-12-0

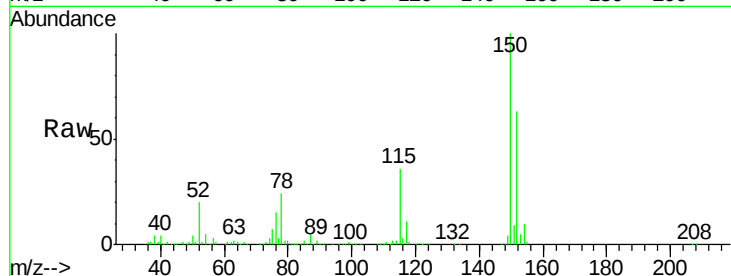
Tot Ion:152 Resp: 307839

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

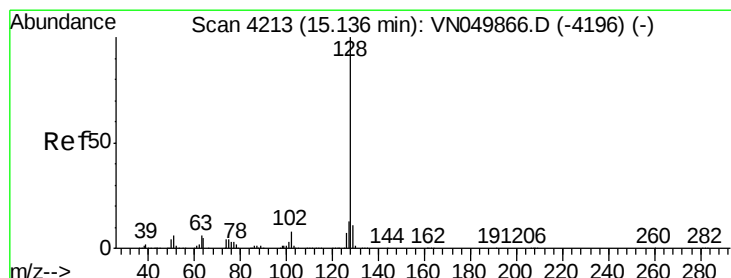
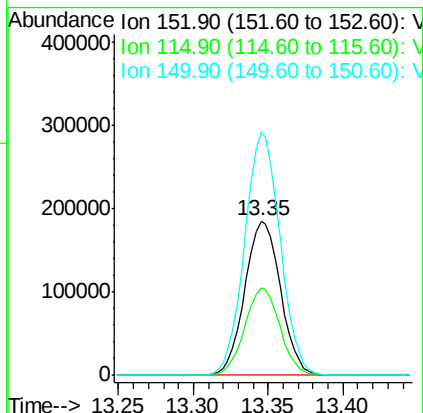
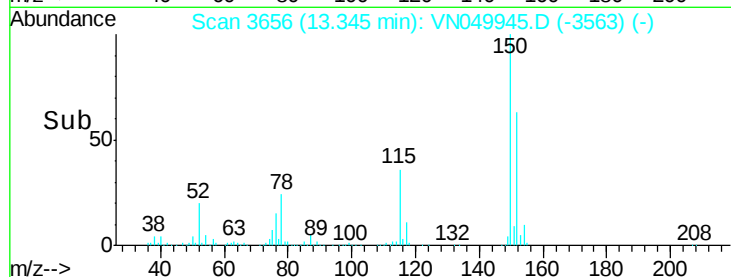
150 156.7 0.0 347.6



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: 5.62 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

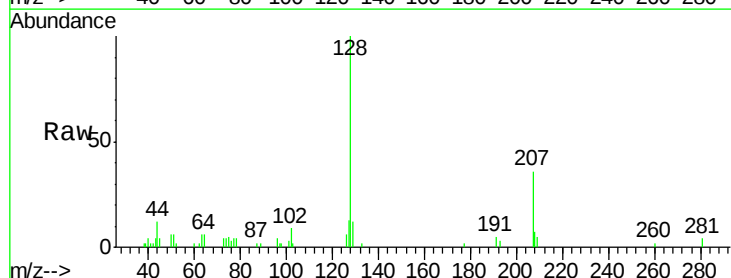
Tgt Ion:128 Resp: 18023

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 10.5 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

