

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050657.D
 Acq On : 15 Aug 2018 16:03
 Operator : MD\SY
 Sample : J4465-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 949-MW-16(22.5)

Quant Time: Aug 16 03:43:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	608723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	960720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	834633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295587	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	419483	54.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.34%	
35) Dibromofluoromethane	7.59	113	382510	49.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.74%	
50) Toluene-d8	10.09	98	1365652	47.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	12.40	95	369386	38.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.46%	

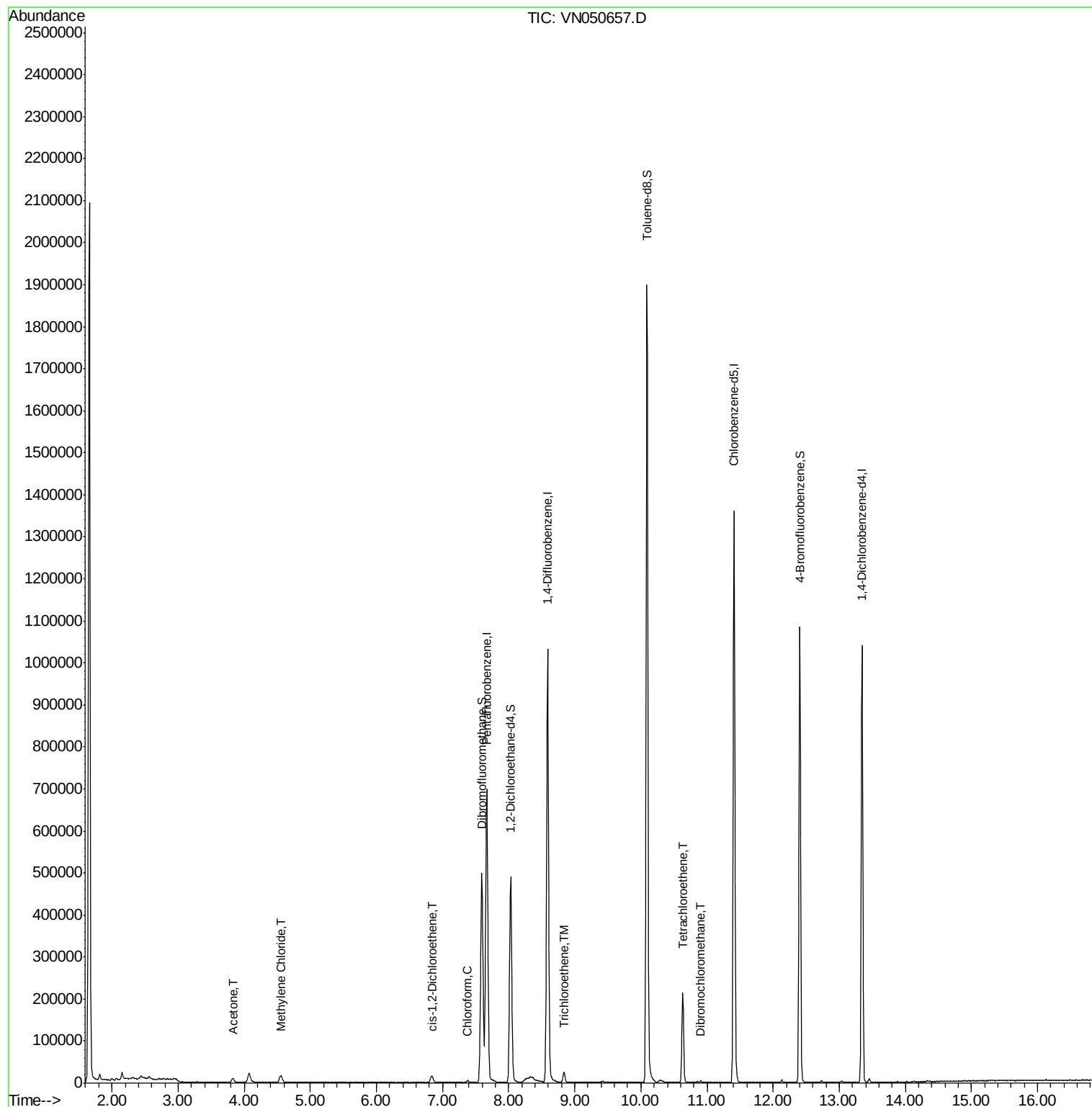
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	17352	7.65	ug/l	97
20) Methylene Chloride	4.55	84	13676	0.62	ug/l	94
27) cis-1,2-Dichloroethene	6.84	96	8235	1.03	ug/l	92
30) Chloroform	7.38	83	5332	0.39	ug/l	89
44) Trichloroethene	8.84	130	9820	1.13	ug/l	99
60) Dibromochloromethane	10.90	129	2242	0.28	ug/l	86
64) Tetrachloroethene	10.63	164	54509	7.03	ug/l	99

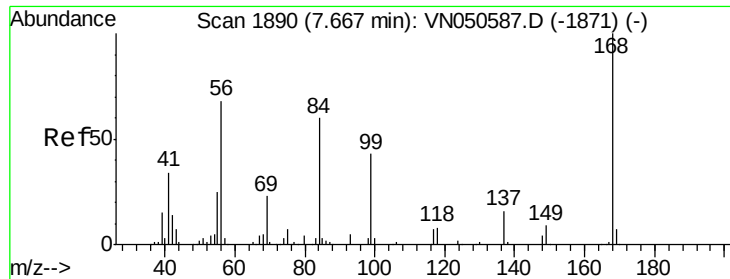
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050657.D

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MSVOA_N

ClientSampleId :

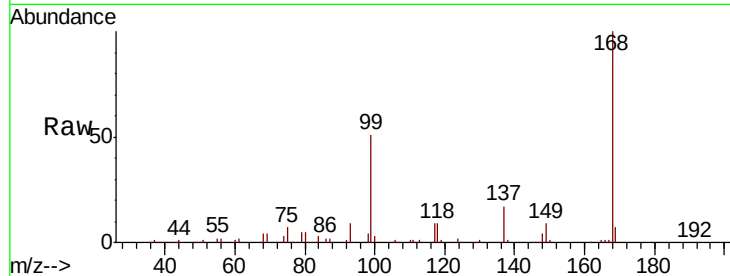
949-MW-16(22.5)

Tot Ion:168 Resp: 608723

Ion Ratio Lower Upper

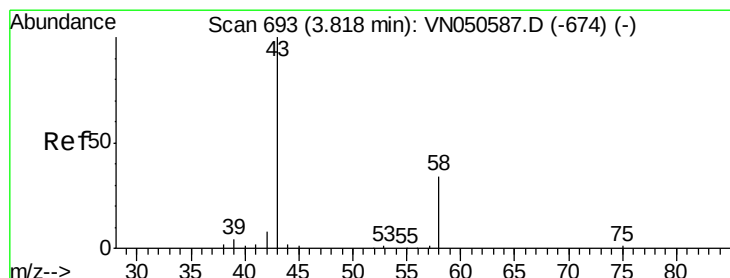
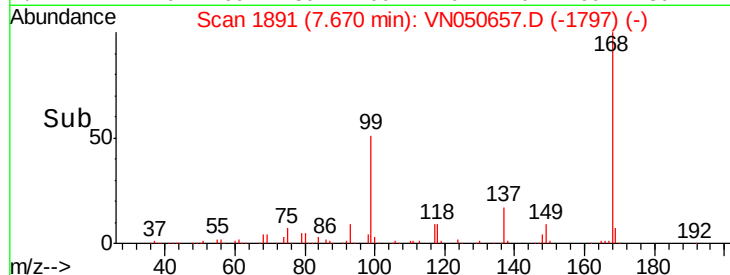
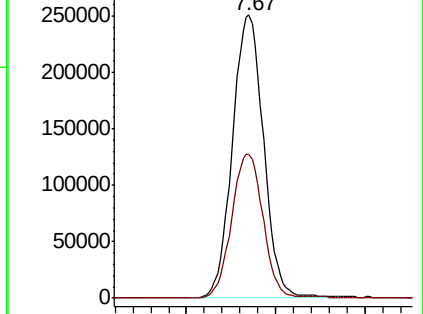
168 100

99 50.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.65 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050657.D

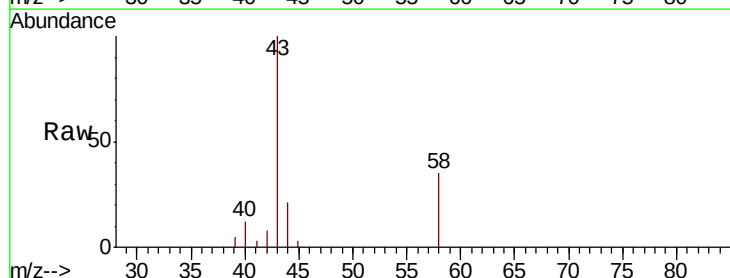
Acq: 15 Aug 2018 16:03

Tgt Ion: 43 Resp: 17352

Ion Ratio Lower Upper

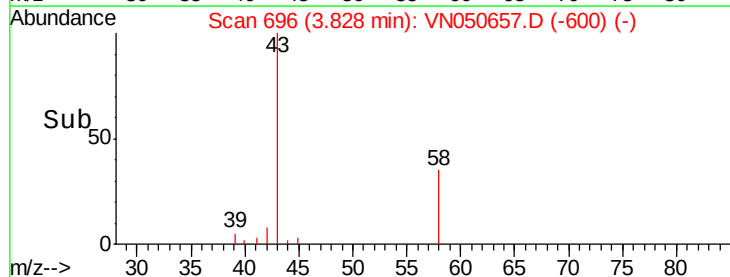
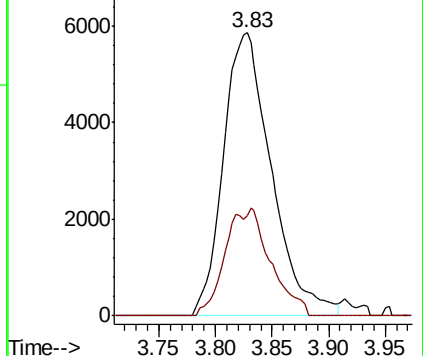
43 100

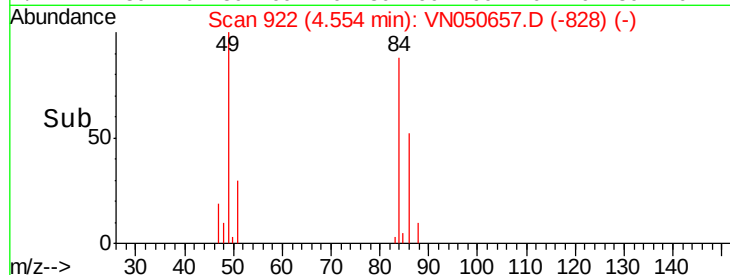
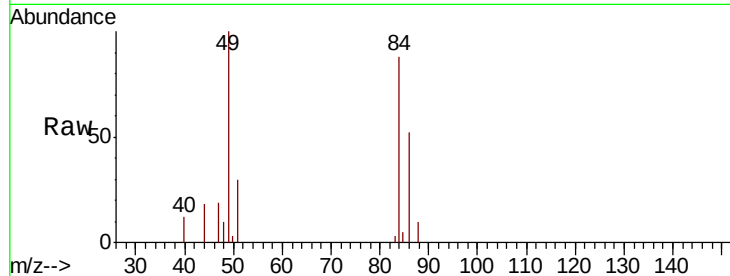
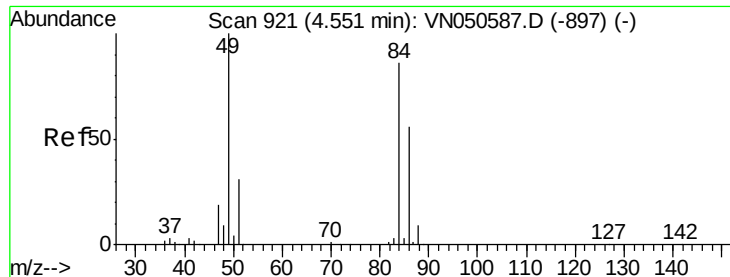
58 35.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

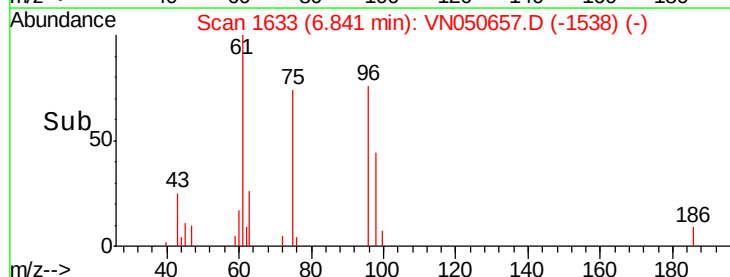
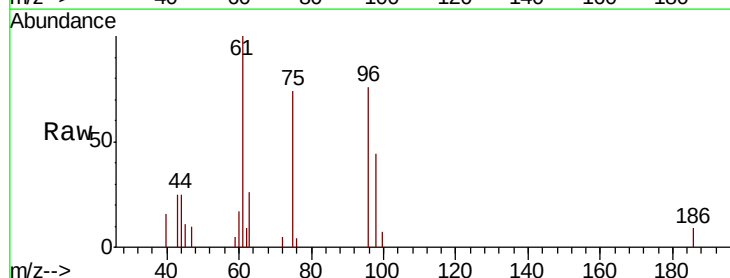
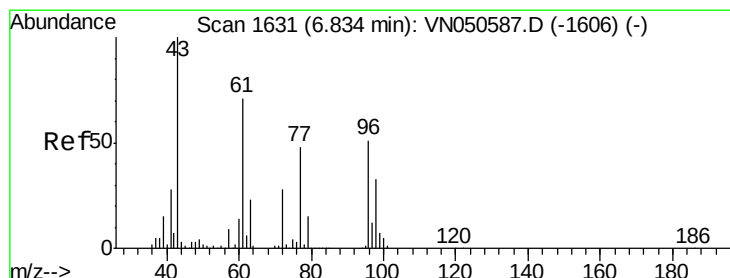
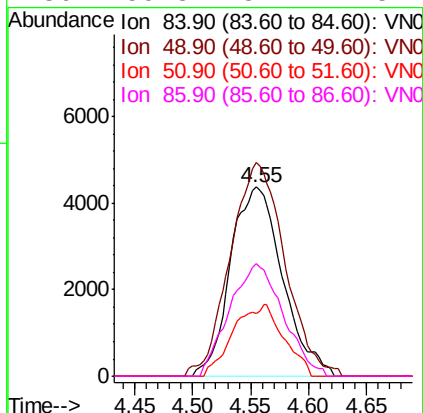




#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050657.D
Acq: 15 Aug 2018 16:03

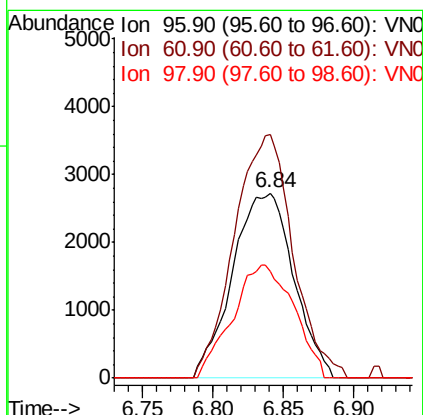
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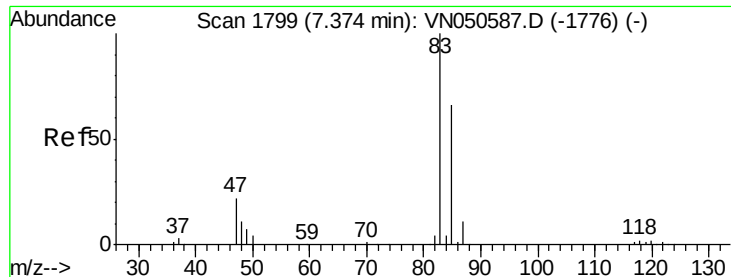
Tot Ion:	84	Resp:	13676
Ion	Ratio	Lower	Upper
84	100		
49	109.0	92.6	138.8
51	33.4	28.6	43.0
86	59.3	52.2	78.2



#27
cis-1,2-Dichloroethene
Concen: 1.03 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.01 min
Lab File: VN050657.D
Acq: 15 Aug 2018 16:03

Tgt Ion:	96	Resp:	8235
Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	278.2
98	61.2	0.0	128.8

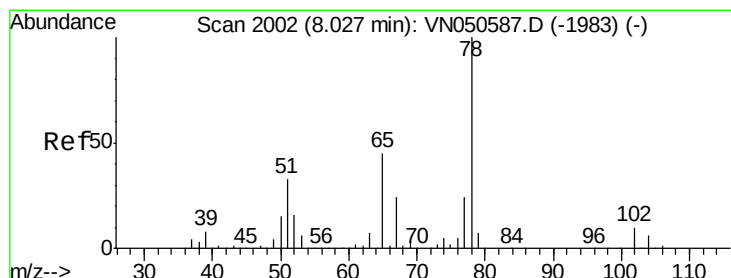
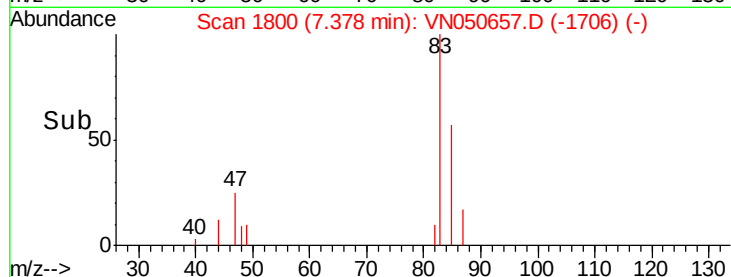
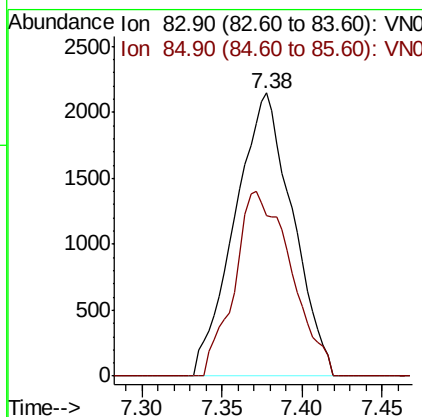
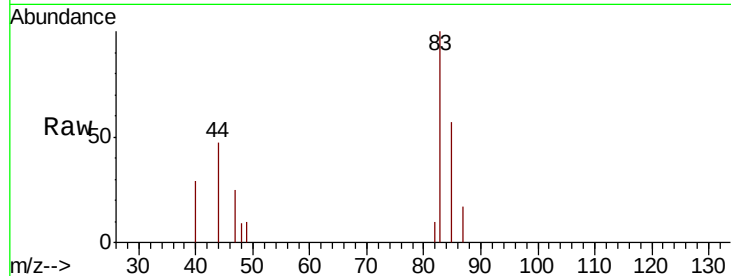




#30
 Chloroform
 Concen: 0.39 ug/l
 RT: 7.38 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN050657.D
 Acq: 15 Aug 2018 16:03

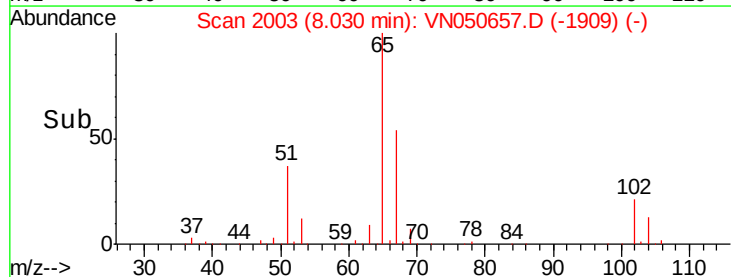
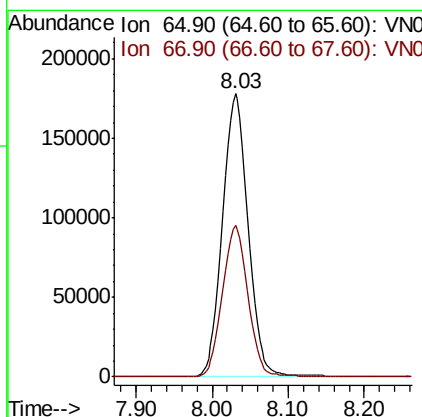
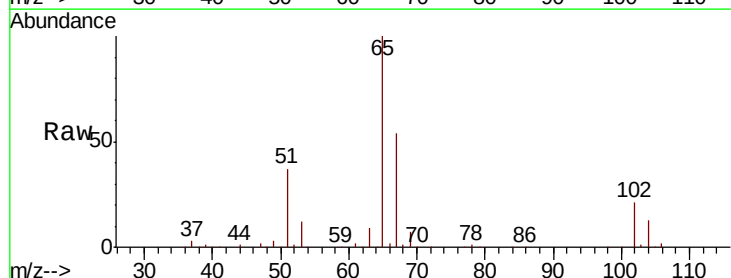
Instrument :
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 949-MW-16(22.5)

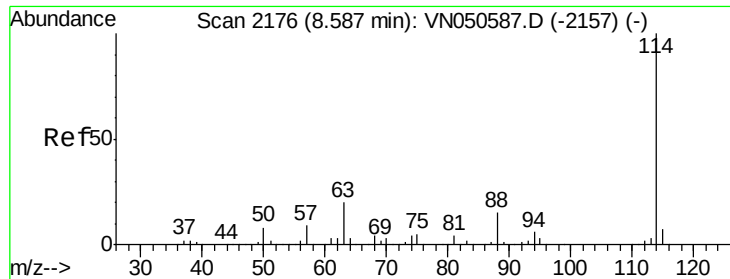
Tot Ion: 83 Resp: 5332
 Ion Ratio Lower Upper
 83 100
 85 56.7 52.5 78.7



#33
 1,2-Dichloroethane-d4
 Concen: 54.67 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050657.D
 Acq: 15 Aug 2018 16:03

Tgt Ion: 65 Resp: 419483
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.8

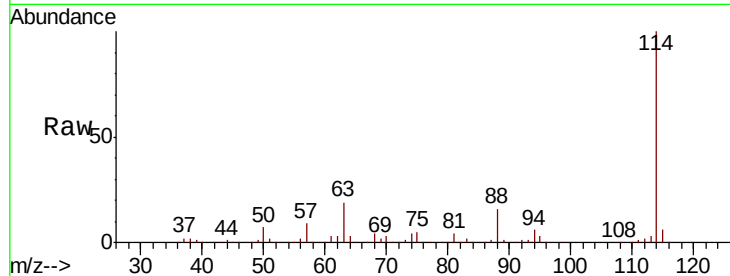




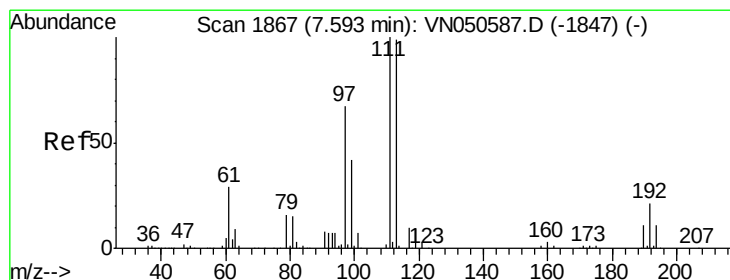
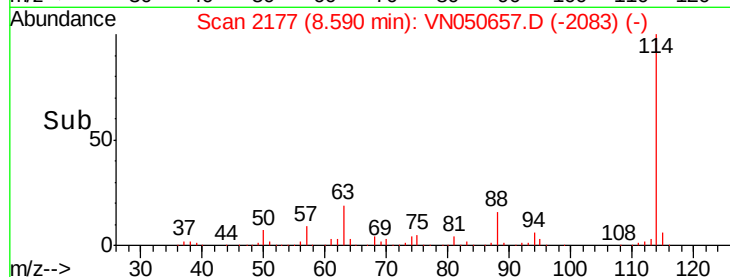
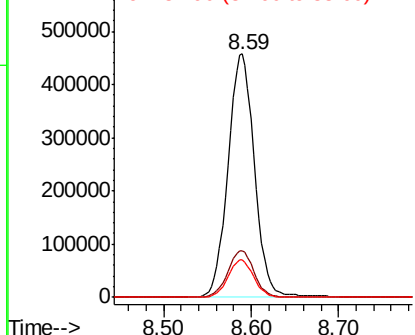
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050657.D
 Acq: 15 Aug 2018 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 949-MW-16(22.5)

Tot Ion:114 Resp: 960720
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.5 0.0 30.8

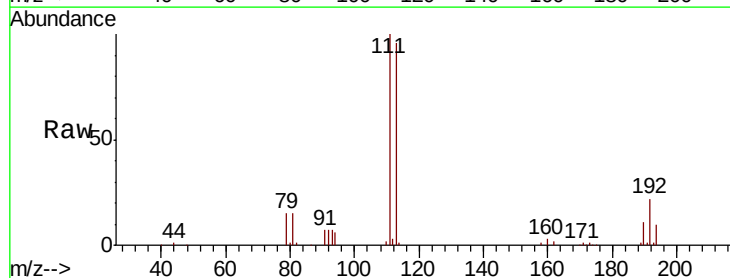


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

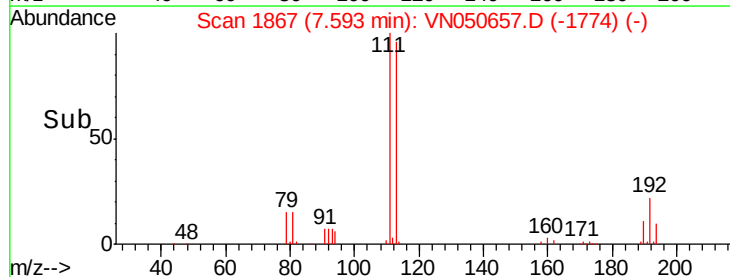
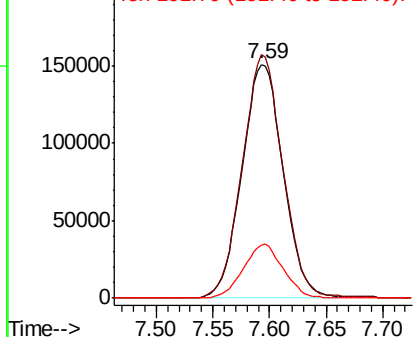


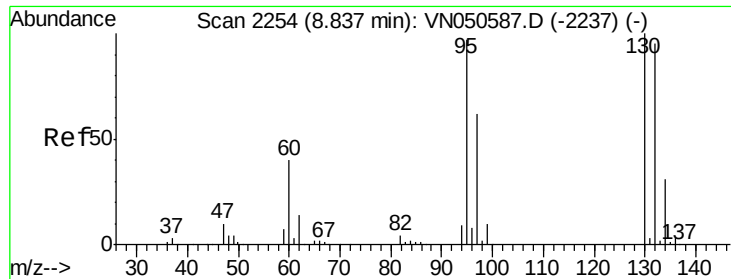
#35
 Dibromofluoromethane
 Concen: 49.87 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050657.D
 Acq: 15 Aug 2018 16:03

Tgt Ion:113 Resp: 382510
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 22.4 17.6 26.4



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





#44

Trichloroethene

Concen: 1.13 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050657.D

Acq: 15 Aug 2018 16:03

Instrument :

MSVOA_N

ClientSampleId :

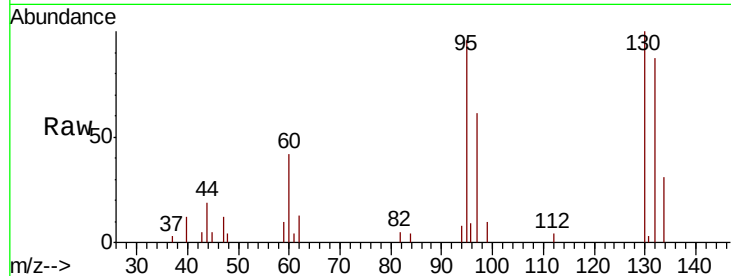
949-MW-16(22.5)

Tot Ion:130 Resp: 9820

Ion Ratio Lower Upper

130 100

95 96.3 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN050587.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050587.D (-2237) (-)

8.84

5000

4000

3000

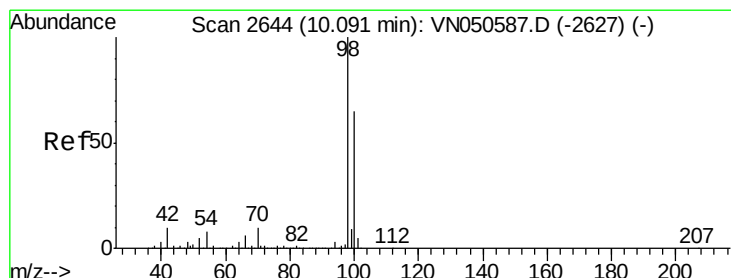
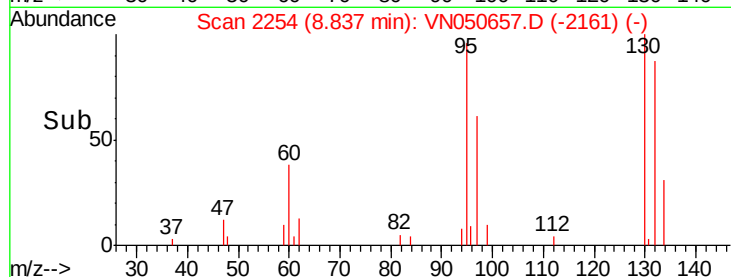
2000

1000

0

8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 47.31 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050657.D

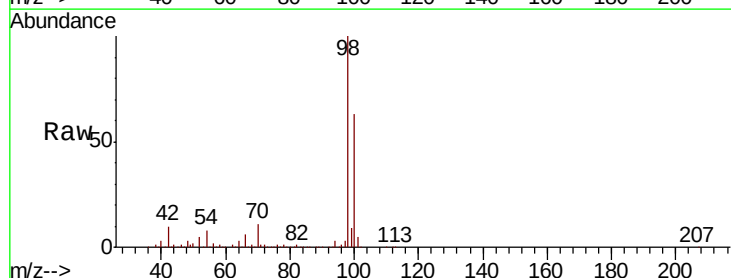
Acq: 15 Aug 2018 16:03

Tgt Ion: 98 Resp: 1365652

Ion Ratio Lower Upper

98 100

100 62.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

10.09

800000

600000

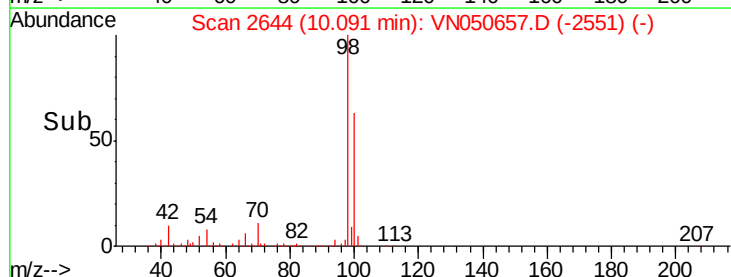
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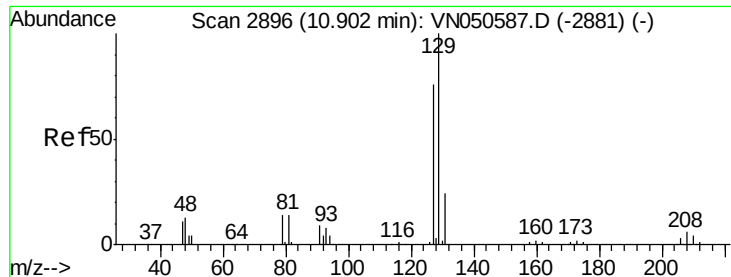
200000

0

10.00 10.10 10.20

Time-->

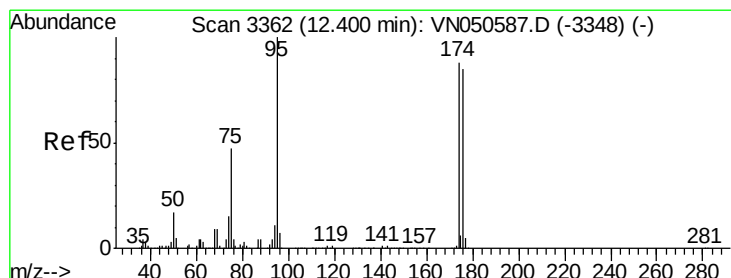
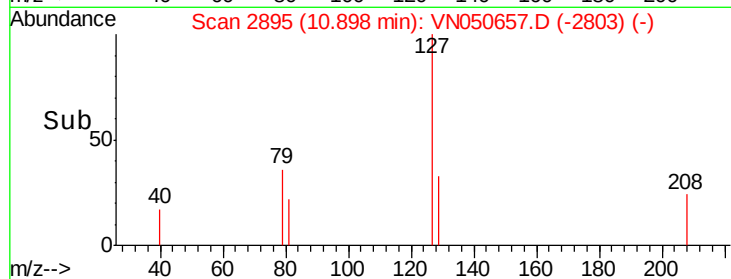
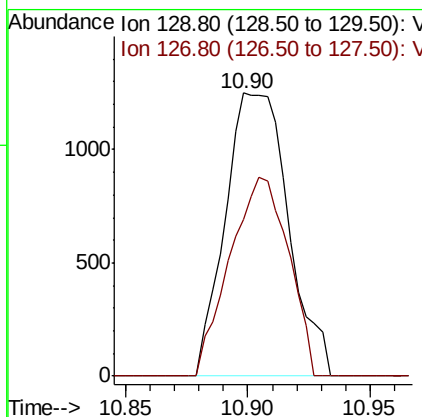
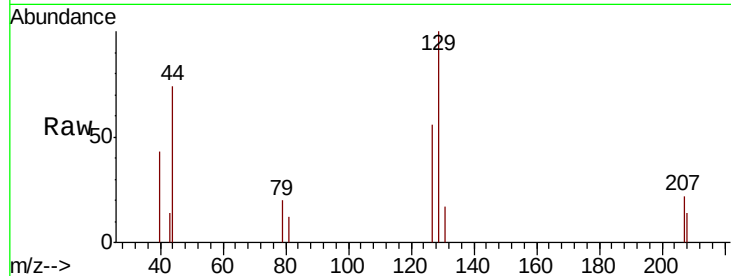




#60
 Dibromochloromethane
 Concen: 0.28 ug/l
 RT: 10.90 min Scan# 2895
 Delta R.T. -0.00 min
 Lab File: VN050657.D
 Acq: 15 Aug 2018 16:03

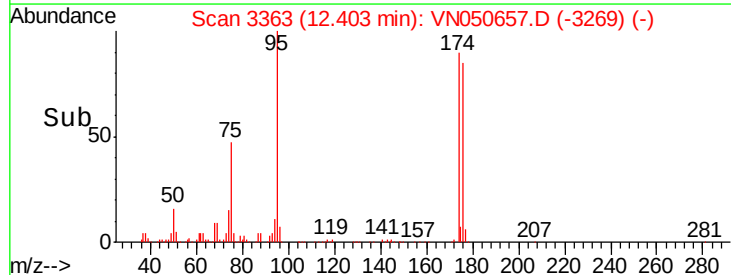
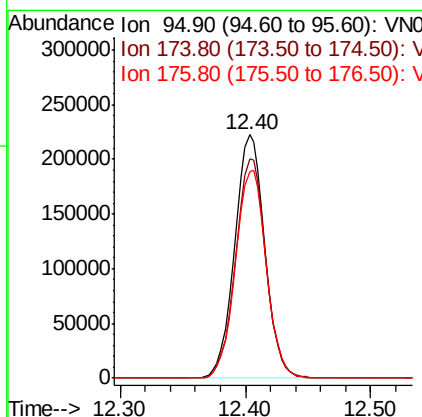
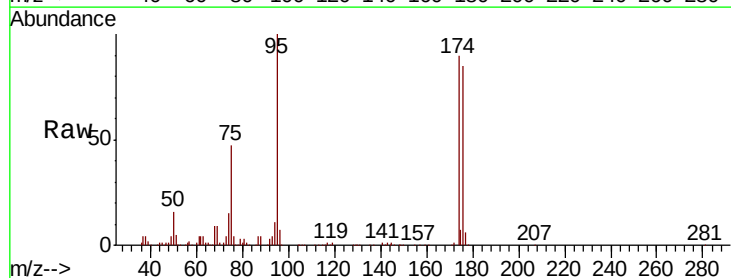
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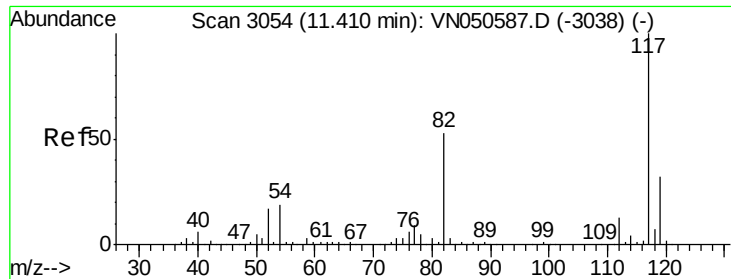
Tot Ion:129 Resp: 2242
 Ion Ratio Lower Upper
 129 100
 127 65.4 38.9 116.7



#62
 4-Bromofluorobenzene
 Concen: 38.73 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050657.D
 Acq: 15 Aug 2018 16:03

Tgt Ion: 95 Resp: 369386
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 177.8
 176 87.5 0.0 175.0

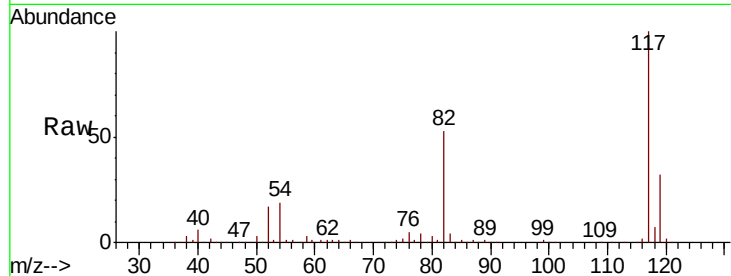




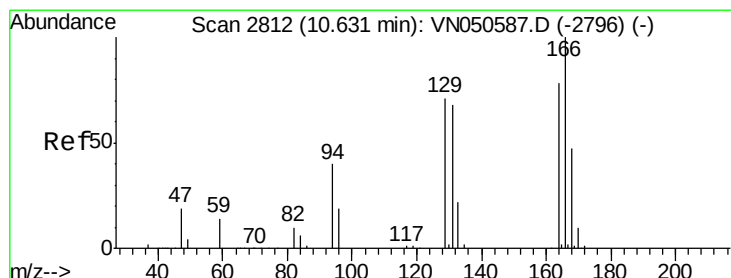
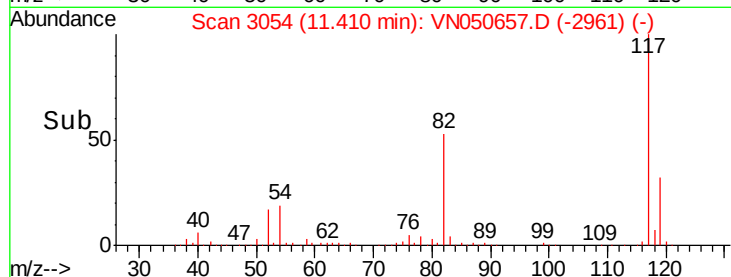
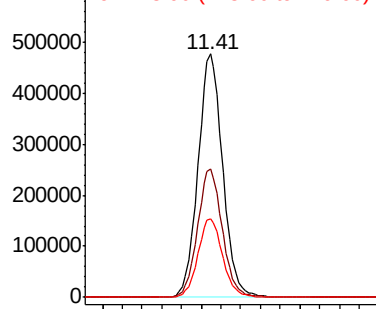
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050657.D
Acq: 15 Aug 2018 16:03

Instrument :
MSVOA_N
ClientSampleId :
949-MW-16(22.5)

Tot Ion:117 Resp: 834633
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.3 25.8 38.8

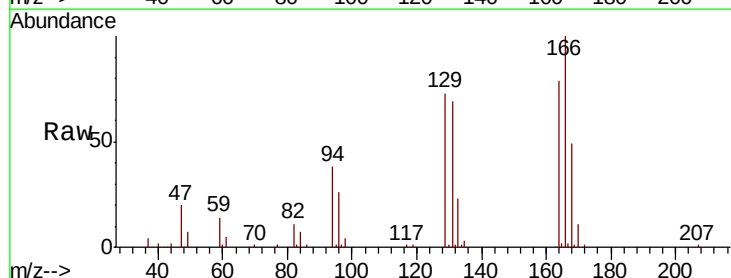


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

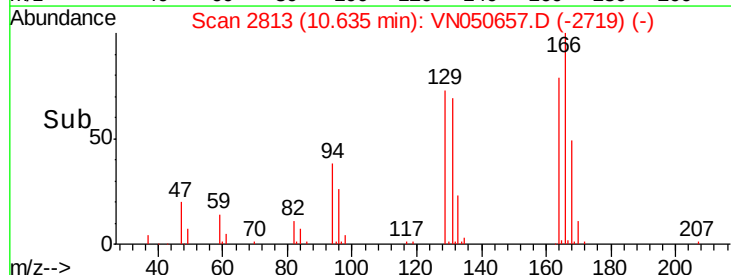
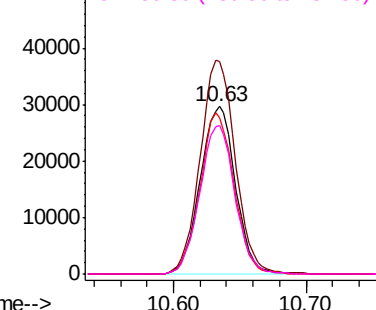


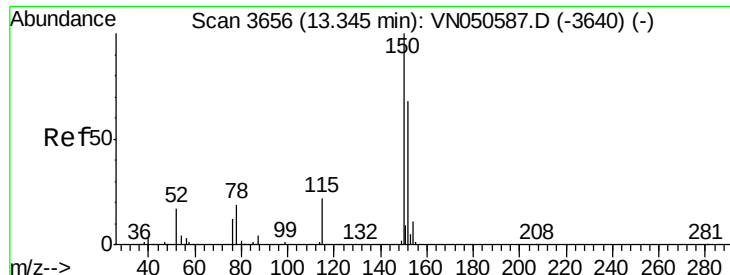
#64
Tetrachloroethene
Concen: 7.03 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050657.D
Acq: 15 Aug 2018 16:03

Tgt Ion:164 Resp: 54509
Ion Ratio Lower Upper
164 100
166 127.3 102.1 153.1
129 93.5 72.7 109.1
131 88.4 69.9 104.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050657.D

Acq: 15 Aug 2018 16:03

Instrument :

MSVOA_N

ClientSampleId :

949-MW-16(22.5)

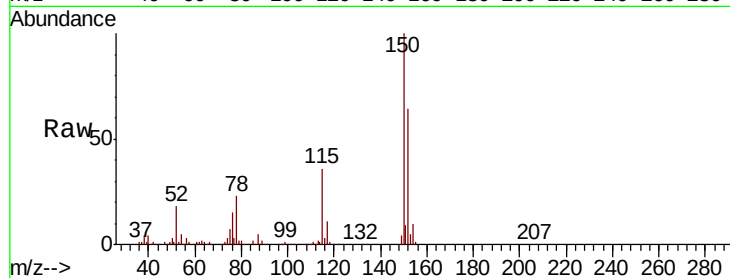
Tot Ion:152 Resp: 295587

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 156.5 0.0 347.8



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

