

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052820.D
 Acq On : 12 Dec 2018 12:03
 Operator : MD\SY
 Sample : J6355-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-27

Quant Time: Dec 13 13:32:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	147587	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	856982	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	720694	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	302109	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	12.40	95	307157	27.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.93%
63) Toluene-d8	10.09	98	982652	29.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.03%

Target Compounds

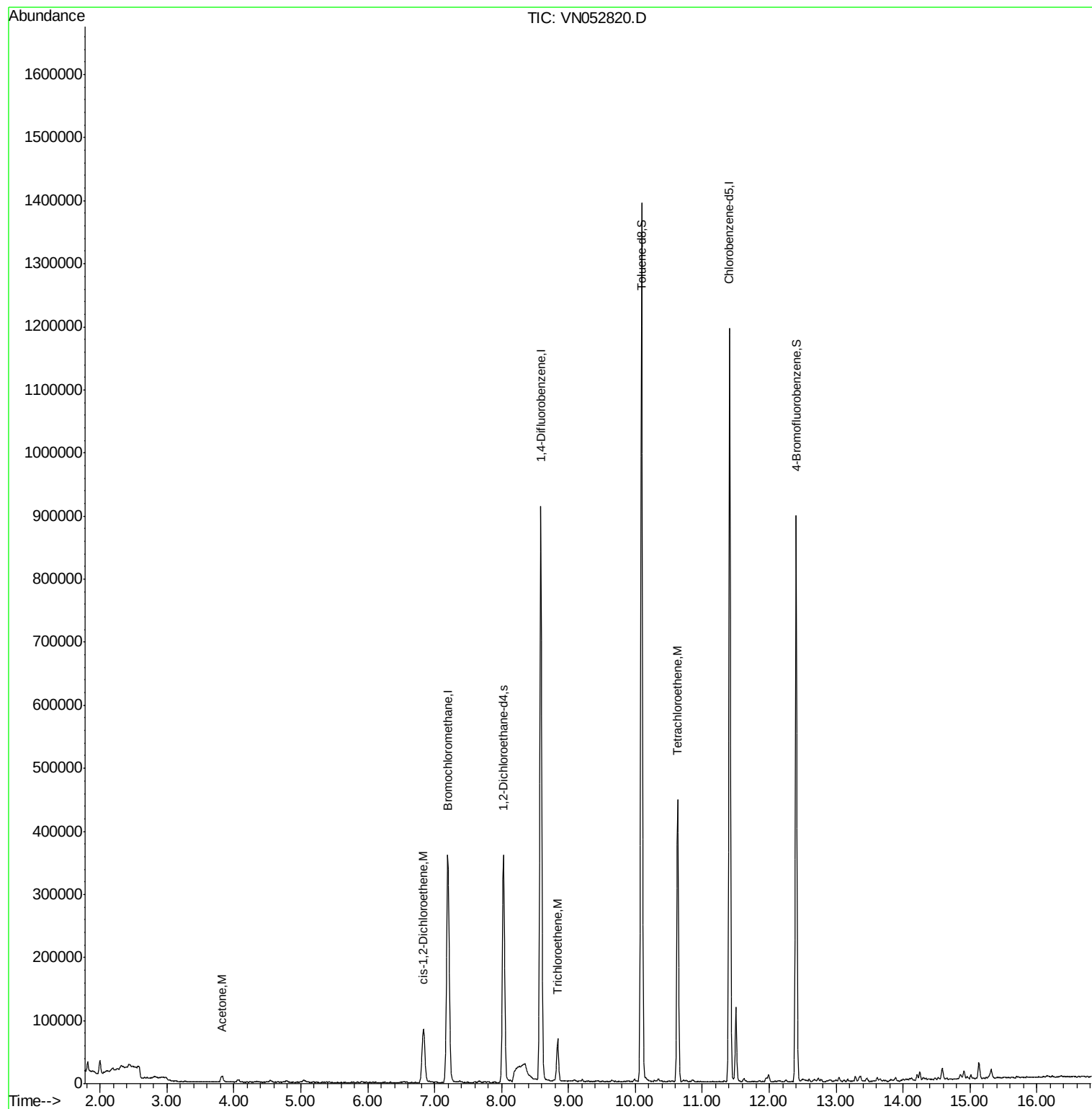
					Ovalue
15) Acetone	3.82	58	5108	6.583 ug/l	71
22) cis-1,2-Dichloroethene	6.83	96	60258	5.903 ug/l	87
37) Trichloroethene	8.84	130	26305	2.636 ug/l	92
61) Tetrachloroethene	10.63	164	110334	12.430 ug/l	97

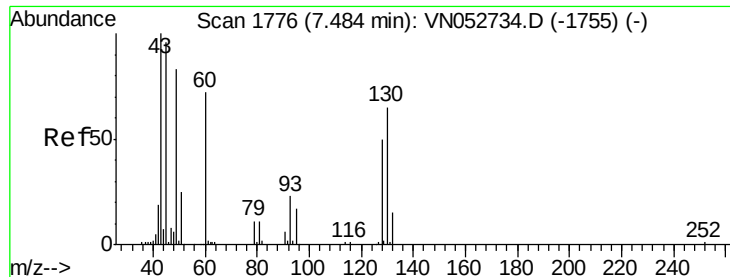
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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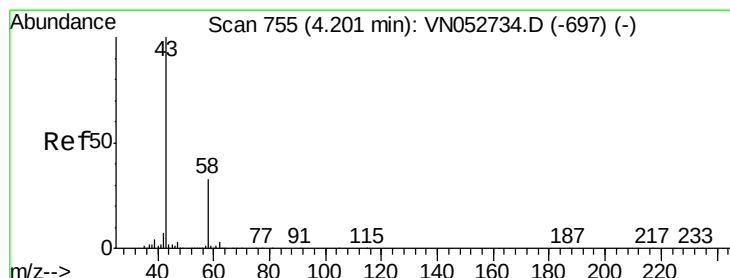
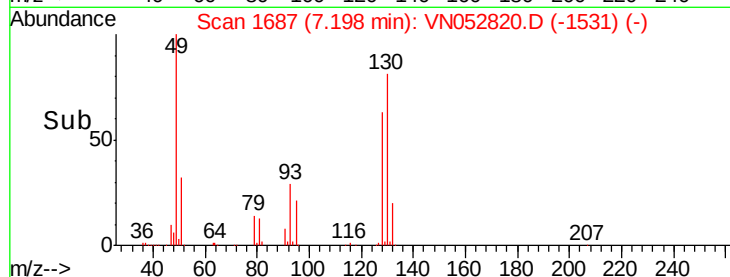
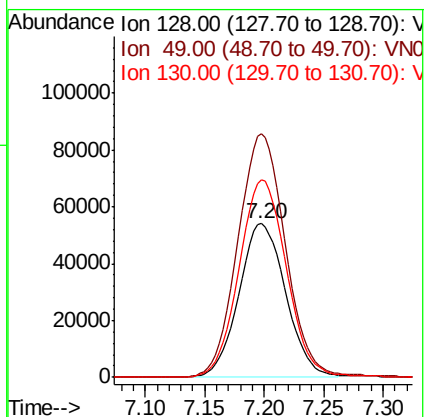
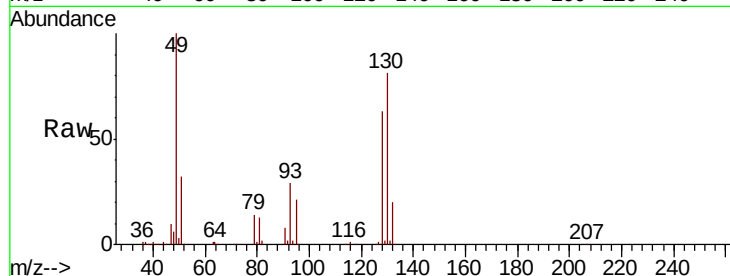




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052820.D
Acq: 12 Dec 2018 12:03

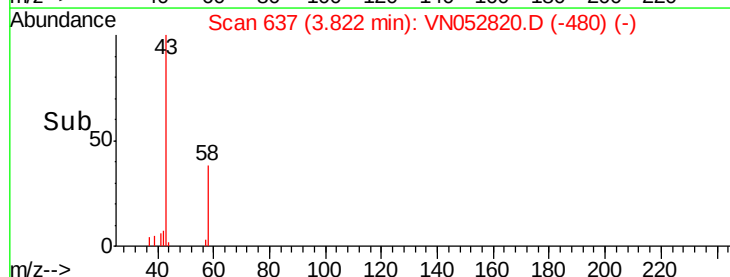
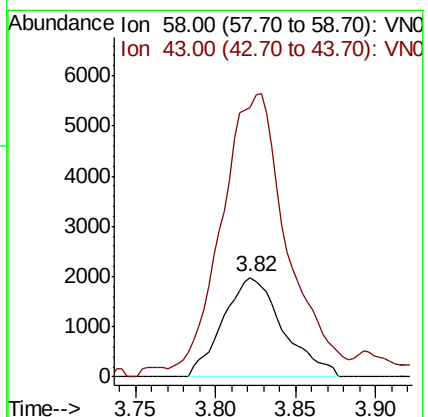
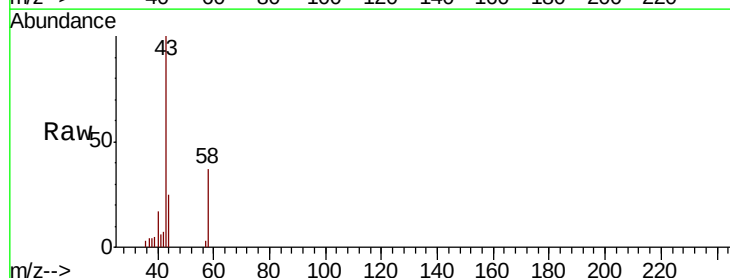
Instrument :
MSVOA_N
ClientSampled :
2-AVE-27

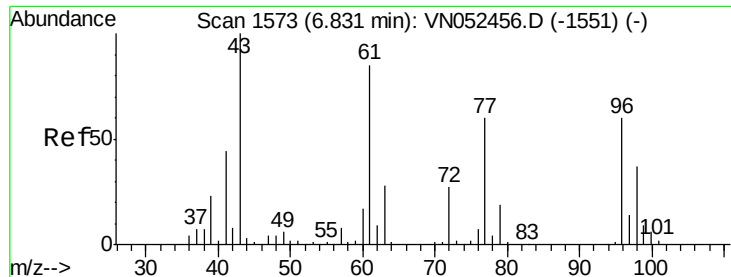
Tot Ion:128 Resp: 147587
Ion Ratio Lower Upper
128 100
49 160.4 0.0 431.8
130 130.4 0.0 317.0



#15
Acetone
Concen: 6.583 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN052820.D
Acq: 12 Dec 2018 12:03

Tgt Ion: 58 Resp: 5108
Ion Ratio Lower Upper
58 100
43 247.8 243.6 365.4





#22

cis-1,2-Dichloroethene

Concen: 5.903 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052820.D

Acq: 12 Dec 2018 12:03

Instrument :

MSVOA_N

ClientSampleId :

2-AVE-27

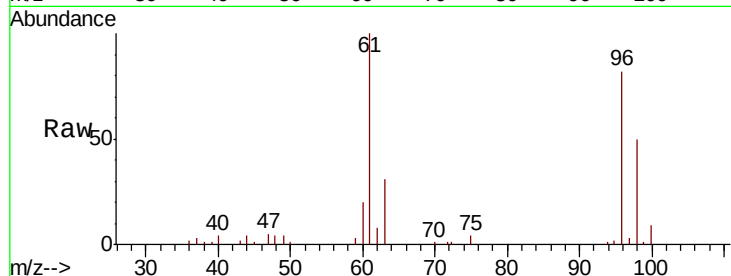
Tot Ion: 96 Resp: 60258

Ion Ratio Lower Upper

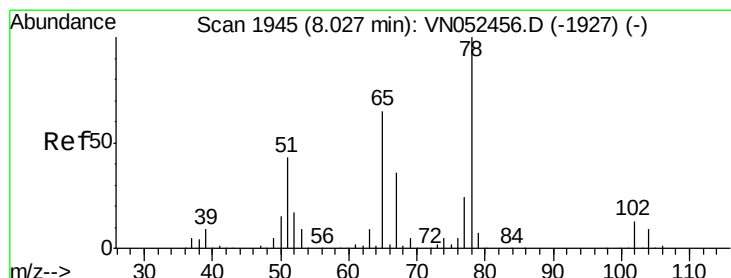
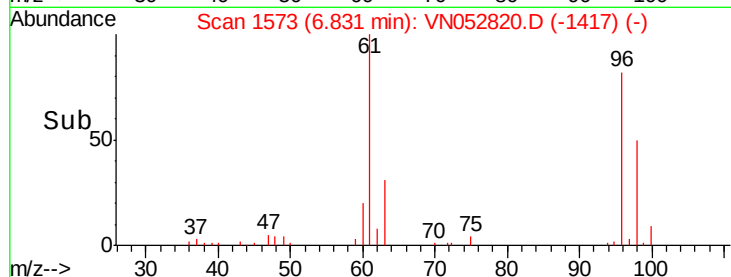
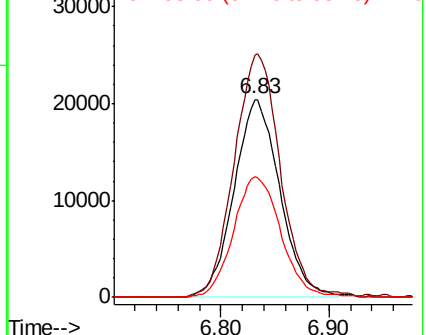
96 100

61 123.4 116.7 175.1

98 62.9 50.8 76.2



Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052820.D

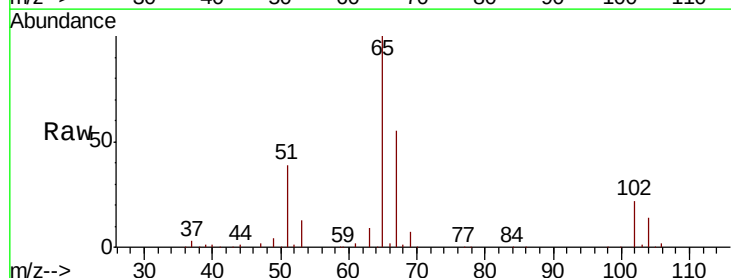
Acq: 12 Dec 2018 12:03

Tgt Ion: 65 Resp: 302109

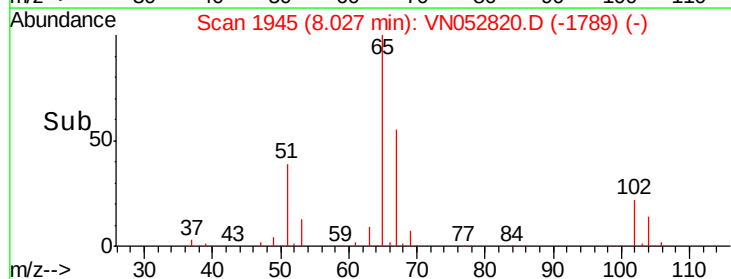
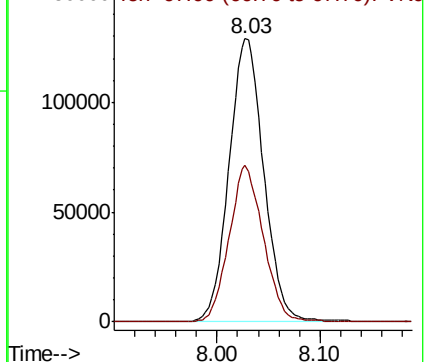
Ion Ratio Lower Upper

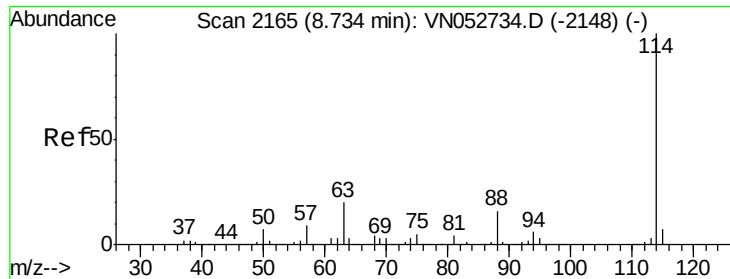
65 100

67 54.3 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0
Ion 67.00 (66.70 to 67.70): VN0

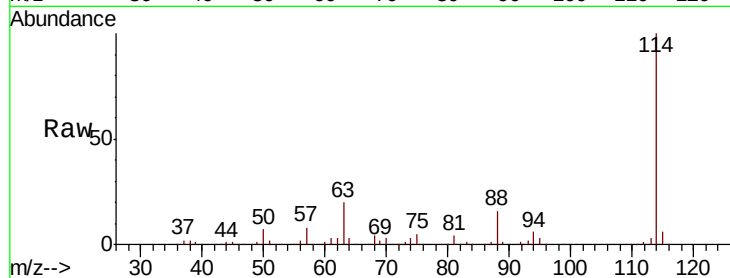




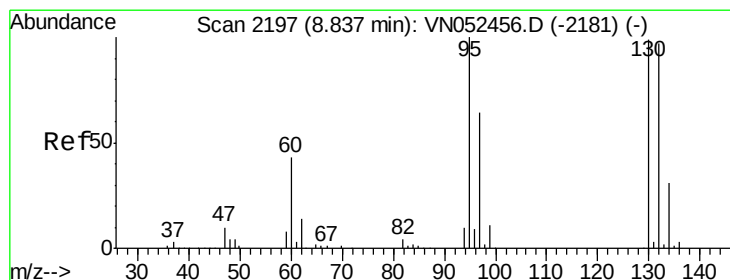
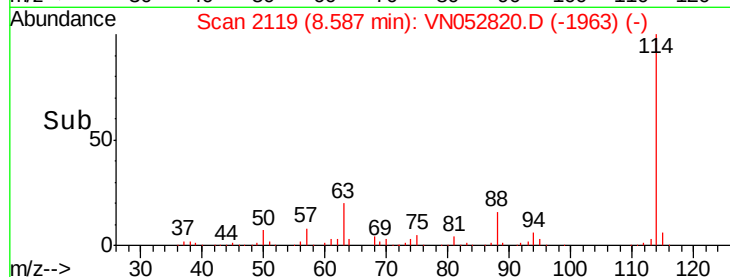
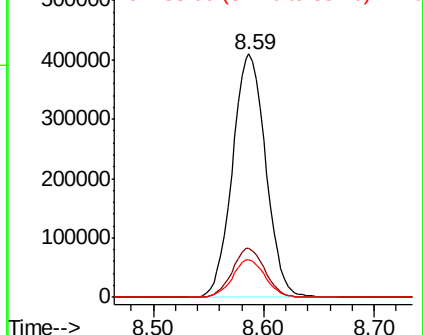
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052820.D
 Acq: 12 Dec 2018 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-27

Tot Ion:114 Resp: 856982
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.9 25.3
 88 15.4 12.8 19.2

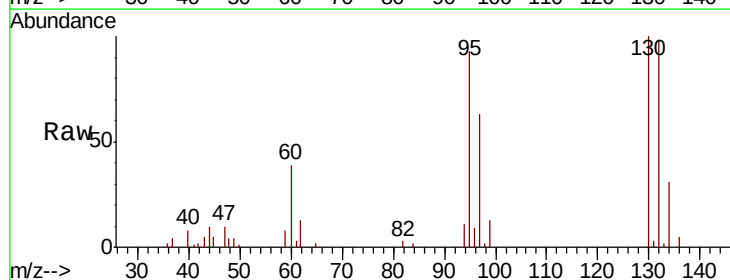


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

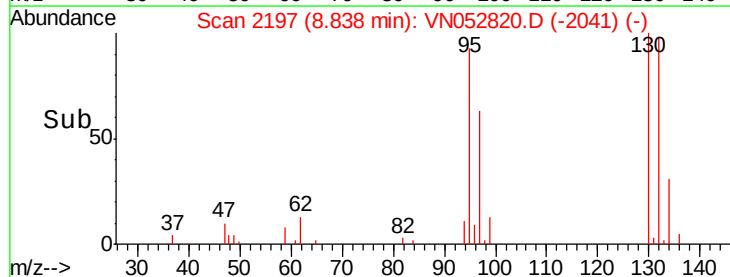
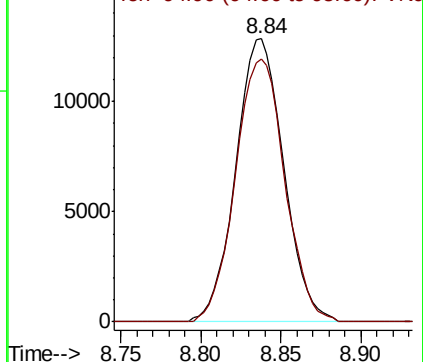


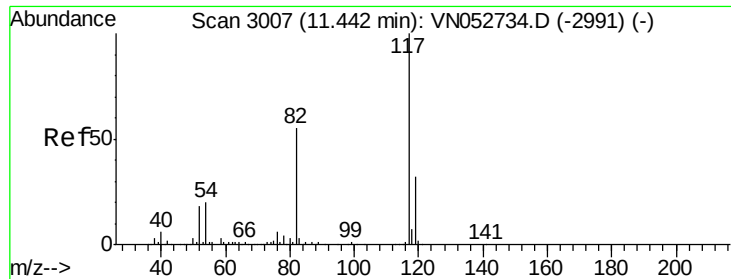
#37
 Trichloroethene
 Concen: 2.636 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN052820.D
 Acq: 12 Dec 2018 12:03

Tgt Ion:130 Resp: 26305
 Ion Ratio Lower Upper
 130 100
 95 93.0 81.0 121.4



Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

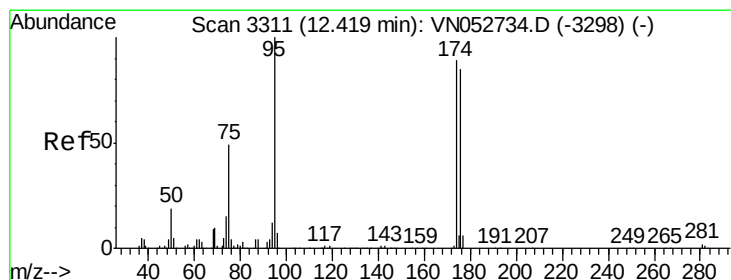
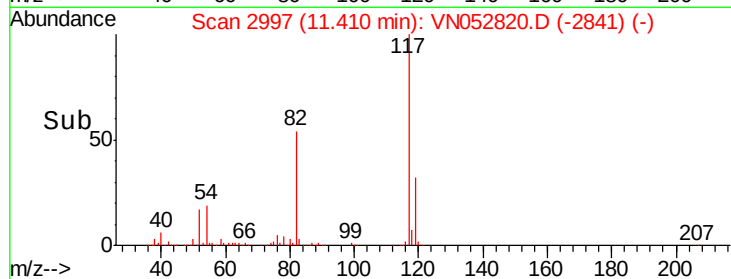
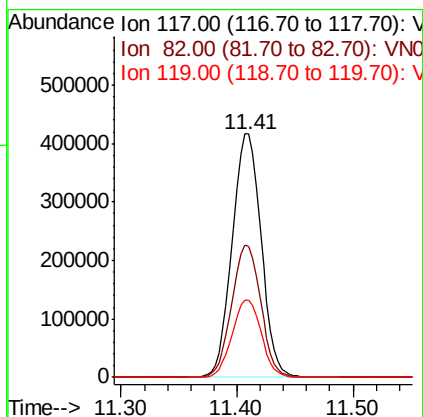
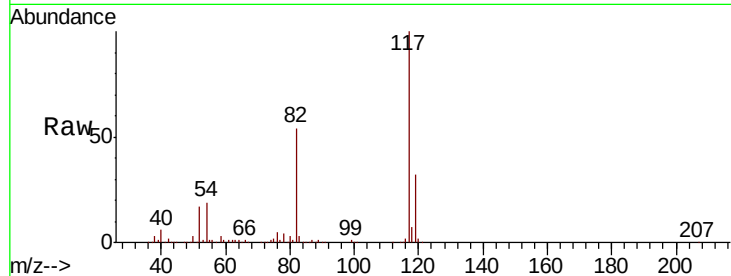




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052820.D
Acq: 12 Dec 2018 12:03

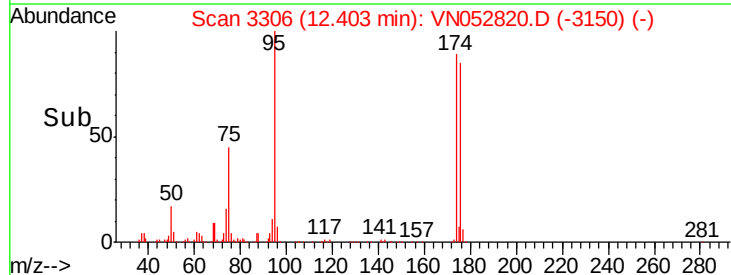
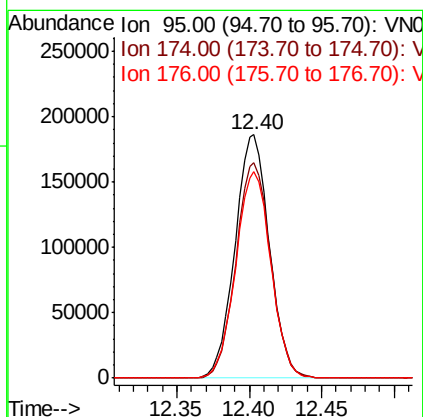
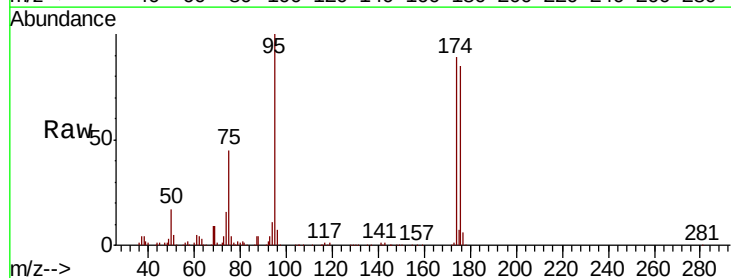
Instrument :
MSVOA_N
ClientSampled :
2-AVE-27

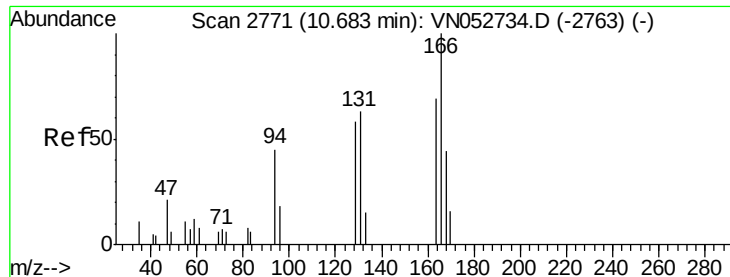
Tot Ion:117 Resp: 720694
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052820.D
Acq: 12 Dec 2018 12:03

Tgt Ion: 95 Resp: 307157
Ion Ratio Lower Upper
95 100
174 89.3 67.9 101.9
176 86.5 66.4 99.6





#61

Tetrachloroethene

Concen: 12.430 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052820.D

Acq: 12 Dec 2018 12:03

Instrument :

MSVOA_N

ClientSampleId :

2-AVE-27

Tot Ion:164 Resp: 110334

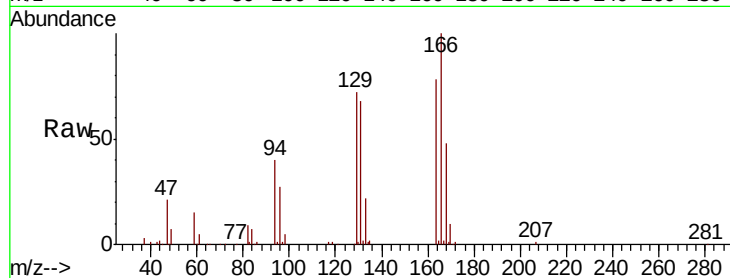
Ion Ratio Lower Upper

164 100

166 128.6 104.6 157.0

129 92.3 75.3 112.9

131 87.7 74.3 111.5

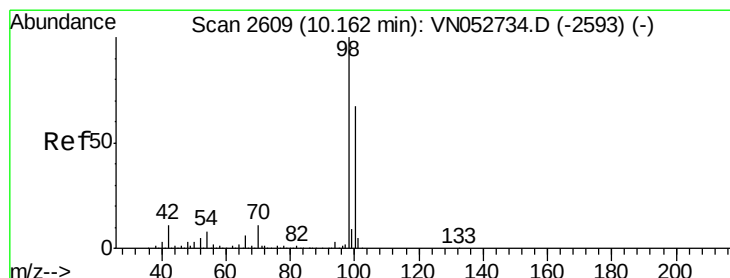
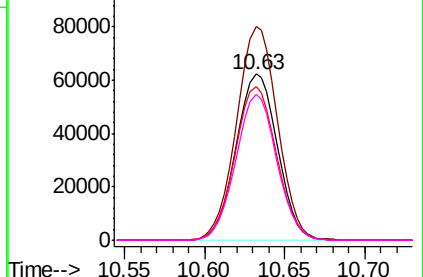
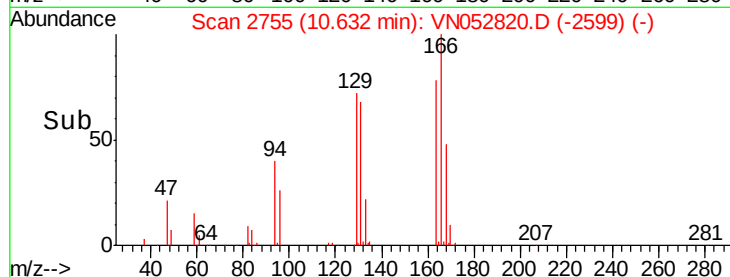


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052820.D

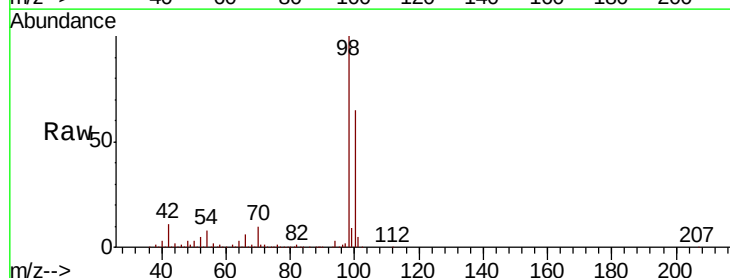
Acq: 12 Dec 2018 12:03

Tgt Ion: 98 Resp: 982652

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

