

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052098.D
 Acq On : 1 Nov 2018 12:54
 Operator : MD\SY
 Sample : J5757-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-24

Quant Time: Nov 02 06:54:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	60703	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	349711	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	286510	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	135621	30.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.33%
60) 4-Bromofluorobenzene	12.40	95	126814	27.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.23%
63) Toluene-d8	10.09	98	430535	31.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.53%

Target Compounds

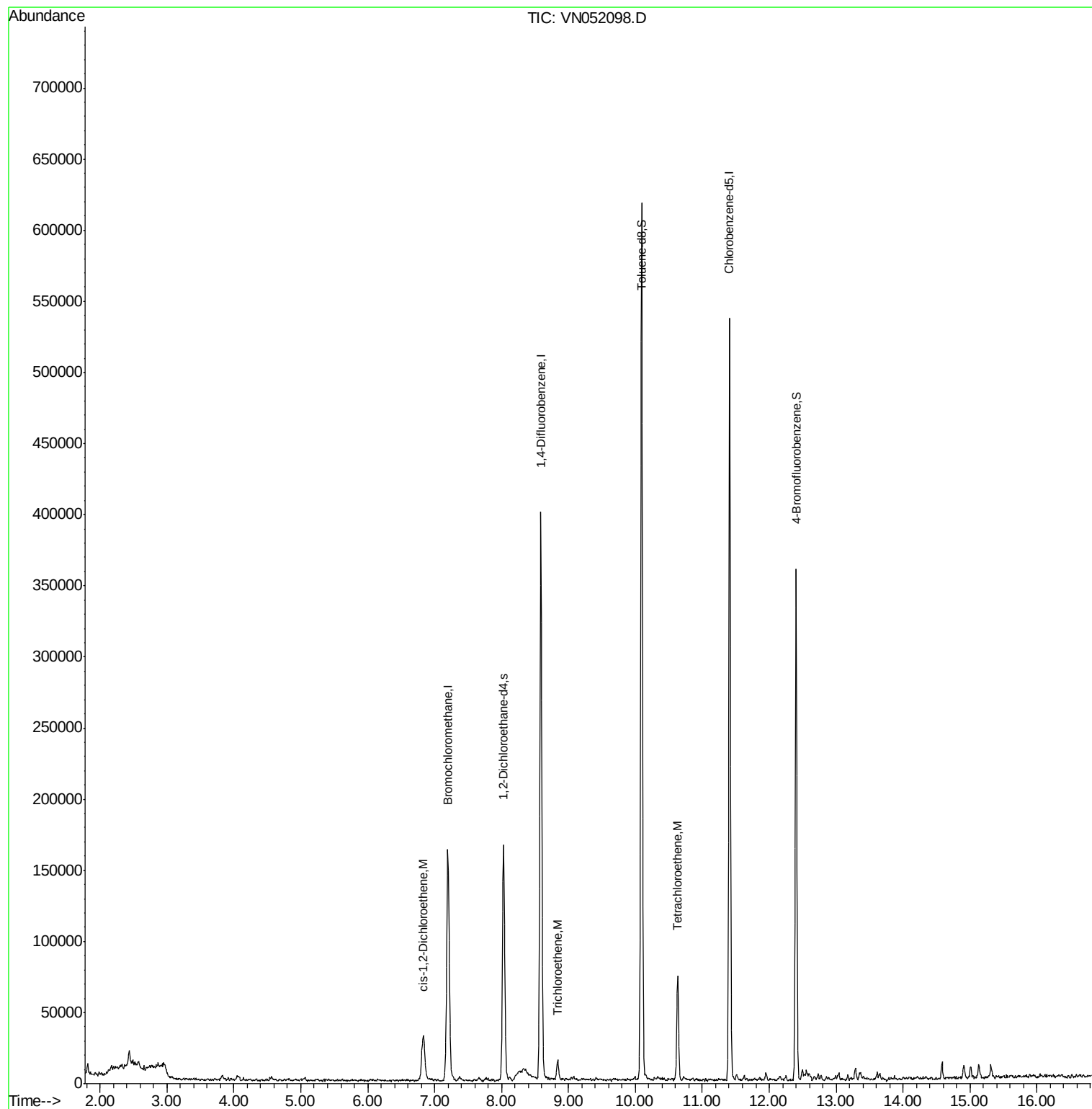
					Qvalue
22) cis-1,2-Dichloroethene	6.83	96	13217	3.077 ug/l	92
37) Trichloroethene	8.83	130	4286	1.053 ug/l	98
61) Tetrachloroethene	10.63	164	15462	4.962 ug/l	96

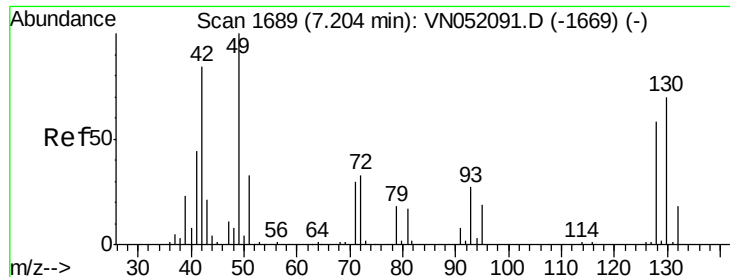
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN052098.D

Acq: 1 Nov 2018 12:54

Instrument :

MSVOA_N

ClientSampled :

2-AVE-24

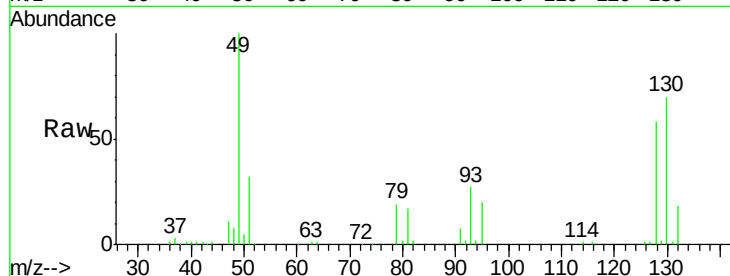
Tgt Ion:128 Resp: 60703

Ion Ratio Lower Upper

128 100

49 174.4 0.0 453.7

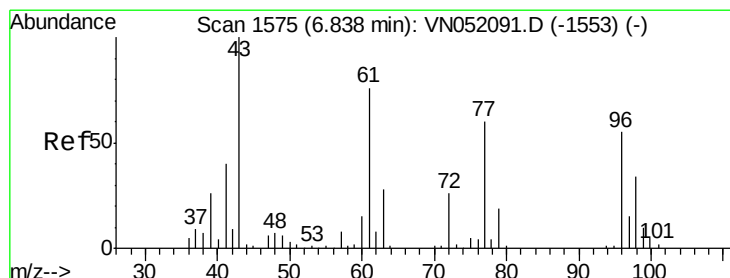
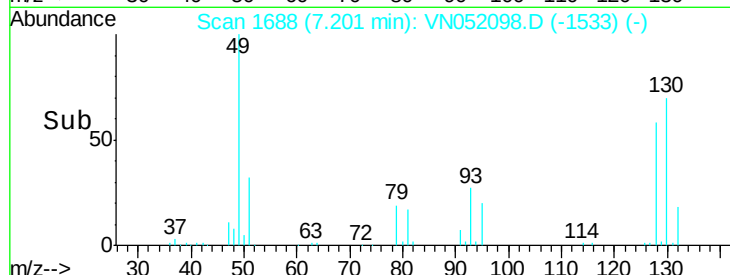
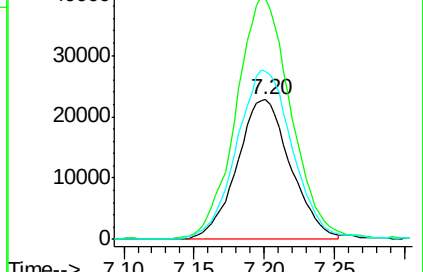
130 125.6 0.0 308.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#22

cis-1,2-Dichloroethene

Concen: 3.077 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052098.D

Acq: 1 Nov 2018 12:54

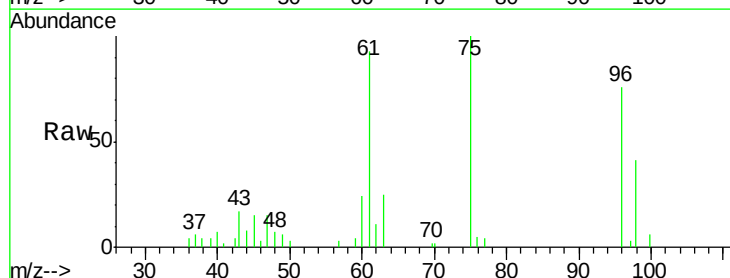
Tgt Ion: 96 Resp: 13217

Ion Ratio Lower Upper

96 100

61 134.3 117.6 176.4

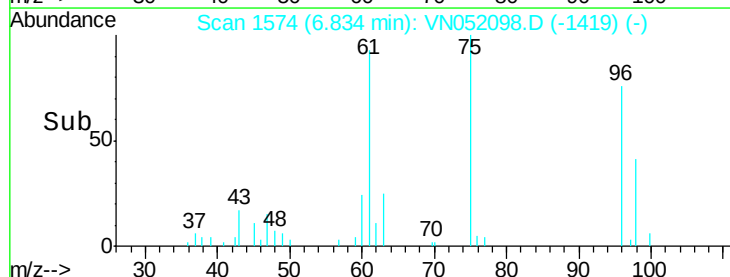
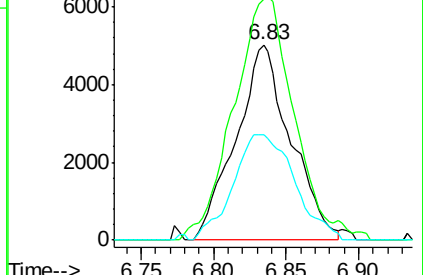
98 60.3 51.0 76.4

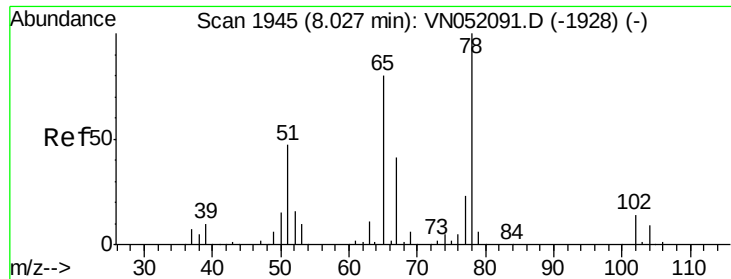


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

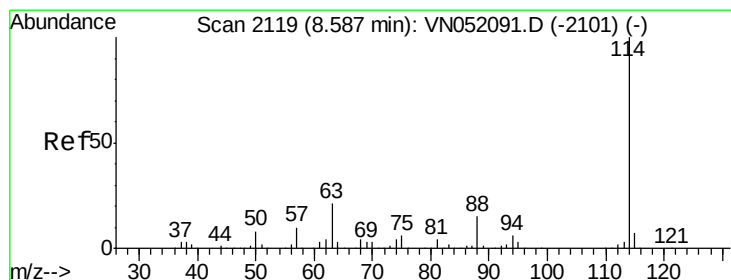
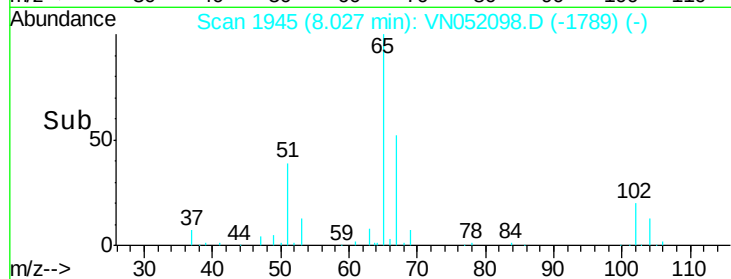
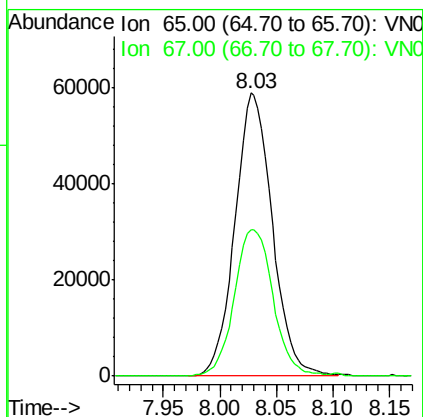
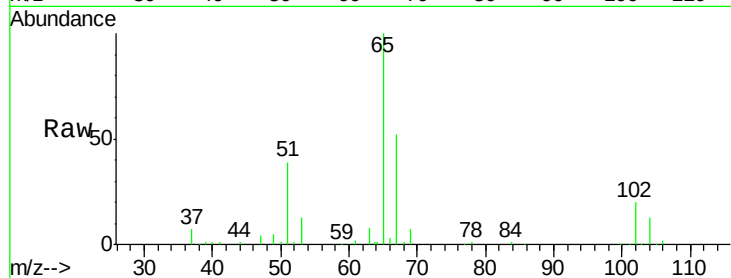




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052098.D
 Acq: 1 Nov 2018 12:54

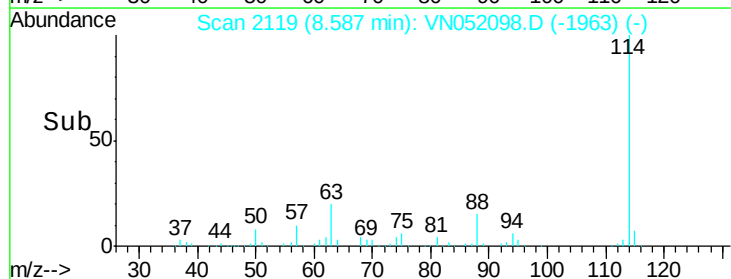
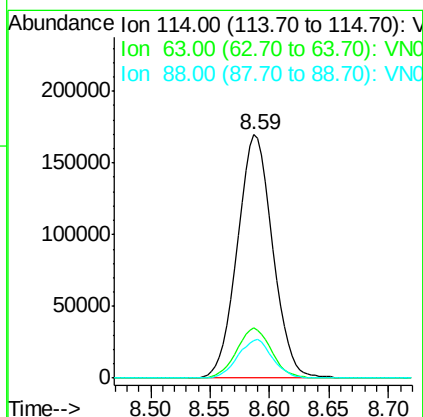
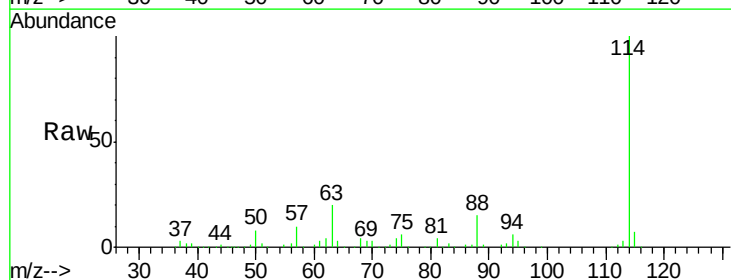
Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-24

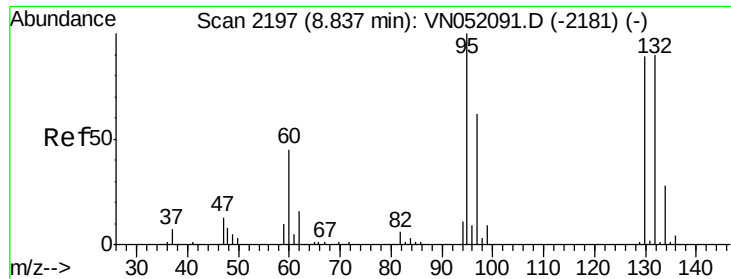
Tgt Ion: 65 Resp: 135621
 Ion Ratio Lower Upper
 65 100
 67 53.7 42.6 64.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052098.D
 Acq: 1 Nov 2018 12:54

Tgt Ion: 114 Resp: 349711
 Ion Ratio Lower Upper
 114 100
 63 20.3 17.5 26.3
 88 15.5 12.6 18.8

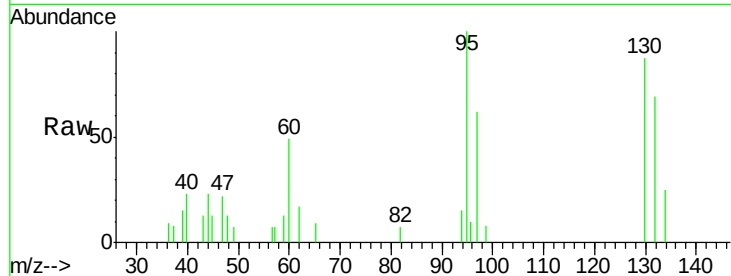




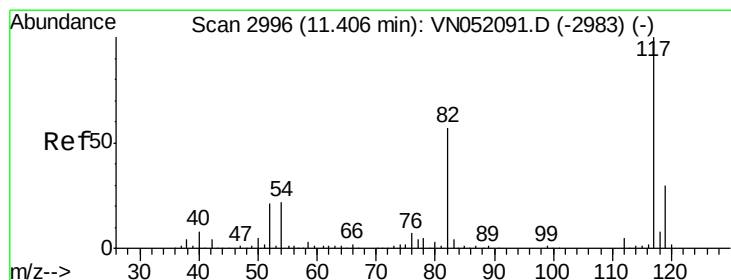
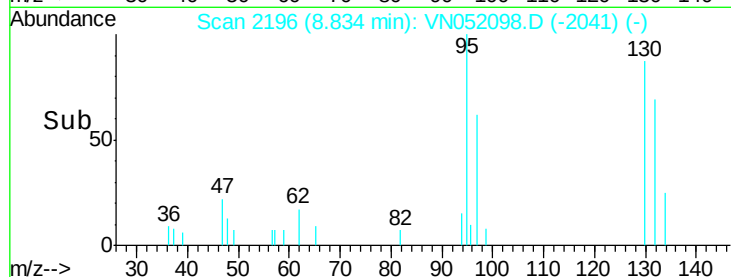
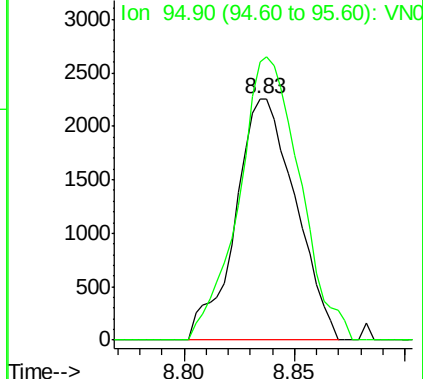
#37
 Trichloroethene
 Concen: 1.053 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN052098.D
 Acq: 1 Nov 2018 12:54

Instrument :
 MSVOA_N
 ClientSampled :
 2-AVE-24

Tgt Ion:130 Resp: 4286
 Ion Ratio Lower Upper
 130 100
 95 114.9 89.9 134.9

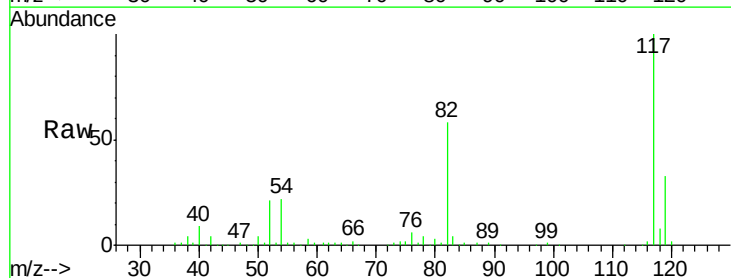


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

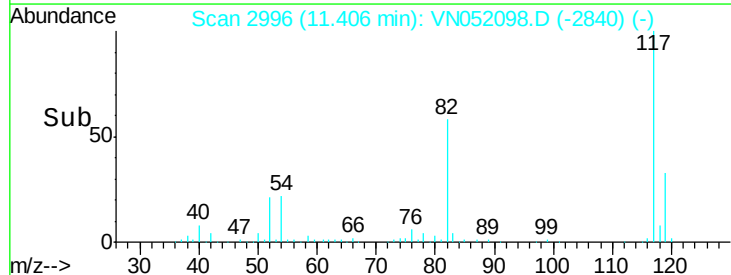
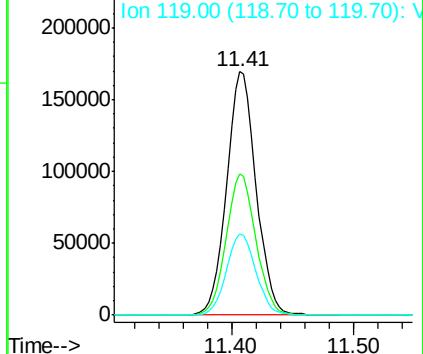


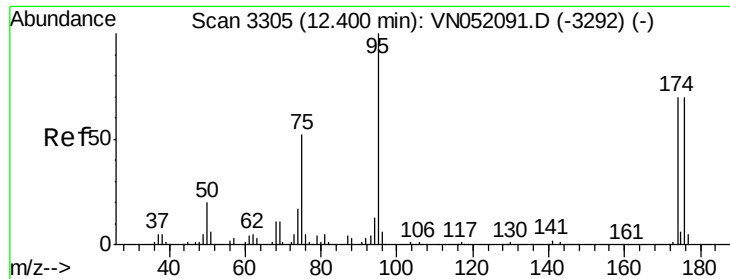
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN052098.D
 Acq: 1 Nov 2018 12:54

Tgt Ion:117 Resp: 286510
 Ion Ratio Lower Upper
 117 100
 82 58.5 45.0 67.6
 119 33.4 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V

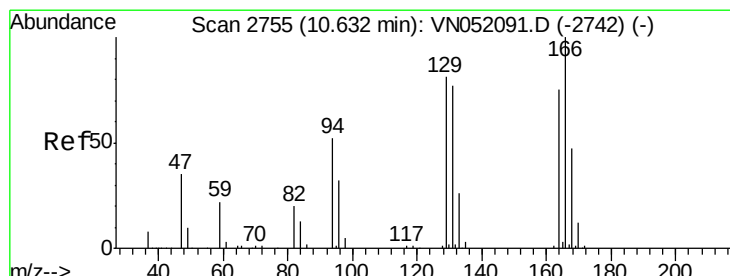
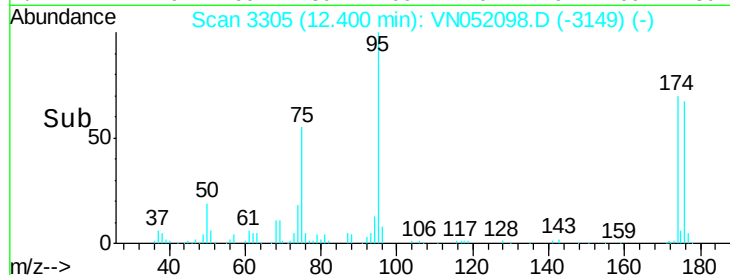
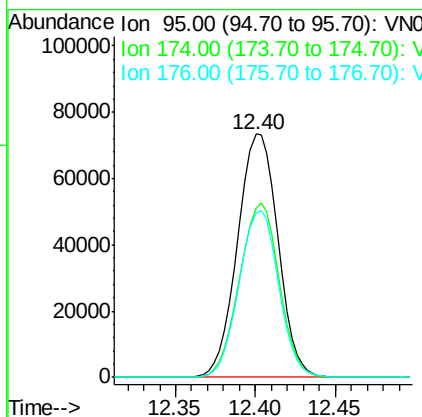
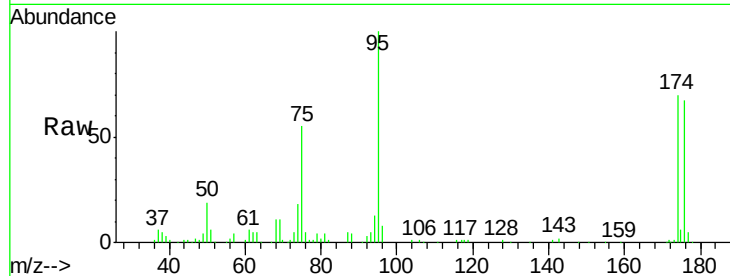




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052098.D
Acq: 1 Nov 2018 12:54

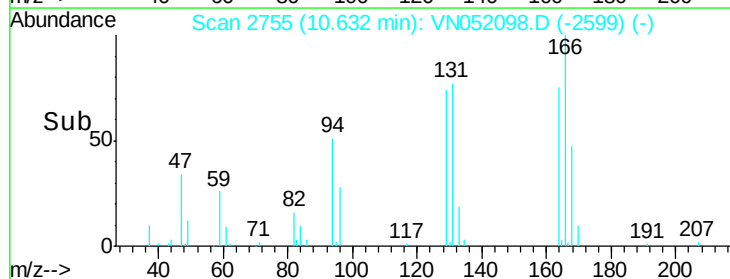
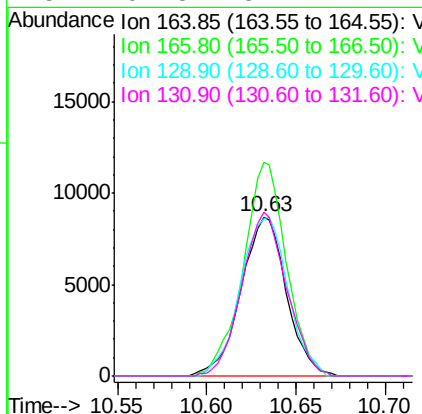
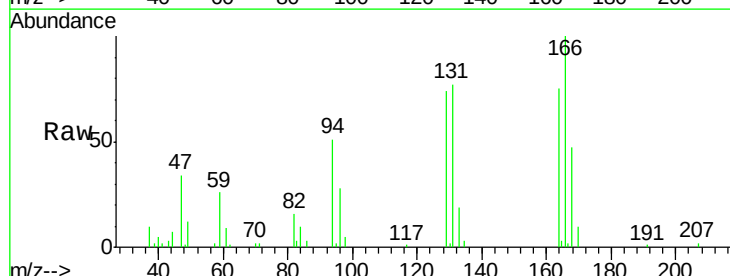
Instrument :
MSVOA_N
ClientSampled :
2-AVE-24

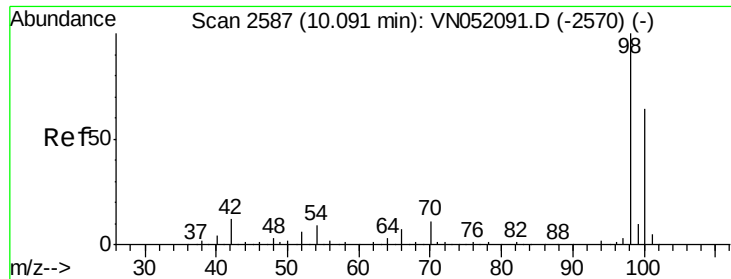
Tgt Ion: 95 Resp: 126814
Ion Ratio Lower Upper
95 100
174 70.3 55.0 82.6
176 67.0 54.2 81.4



#61
Tetrachloroethene
Concen: 4.962 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052098.D
Acq: 1 Nov 2018 12:54

Tgt Ion: 164 Resp: 15462
Ion Ratio Lower Upper
164 100
166 134.1 106.4 159.6
129 99.2 87.0 130.4
131 102.8 81.4 122.2





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052098.D

Acq: 1 Nov 2018 12:54

Instrument :

MSVOA_N

ClientSampleId :

2-AVE-24

Tgt Ion: 98 Resp: 430535

Ion Ratio Lower Upper

98 100

100 61.2 50.7 76.1

