

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052283.D
 Acq On : 13 Nov 2018 13:43
 Operator : MD\SY
 Sample : J5919-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-25

Quant Time: Nov 14 01:09:02 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	46136	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	263103	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	221599	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	110682	32.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.73%
60) 4-Bromofluorobenzene	12.40	95	88710	25.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	83.40%
63) Toluene-d8	10.09	98	319765	30.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.30%

Target Compounds

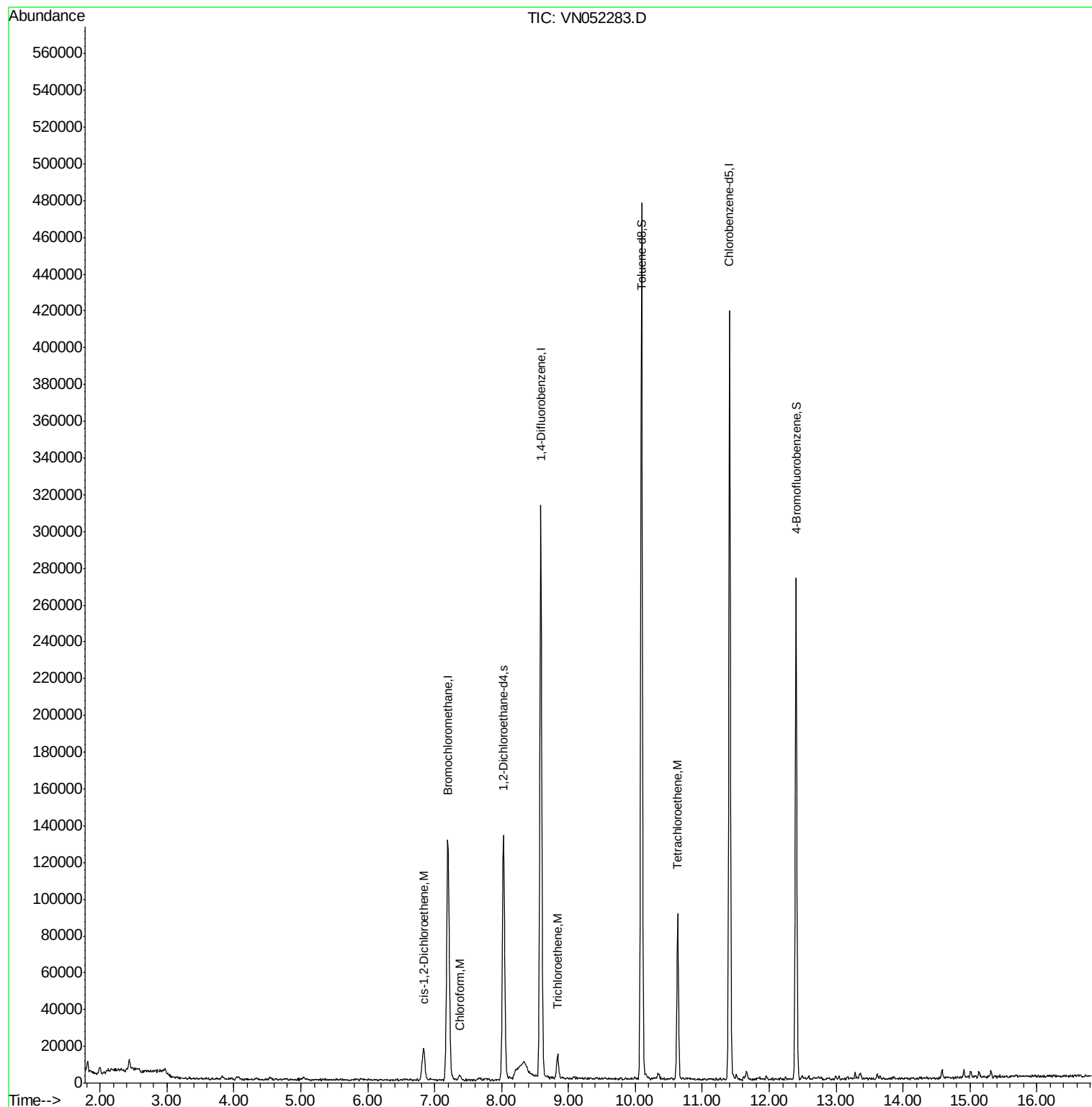
					Ovalue
22) cis-1,2-Dichloroethene	6.83	96	9394	2.878 ug/l	# 53
25) Chloroform	7.37	83	2302	0.417 ug/l	100
37) Trichloroethene	8.84	130	4043	1.321 ug/l	86
61) Tetrachloroethene	10.63	164	19639	8.149 ug/l	90

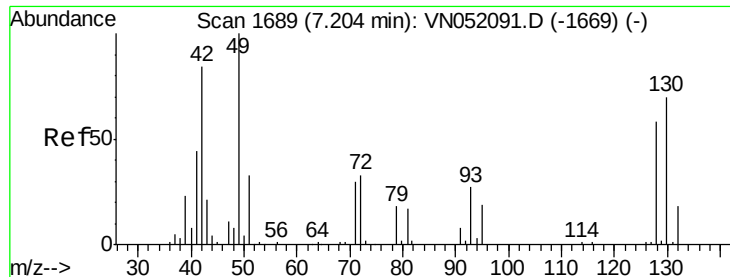
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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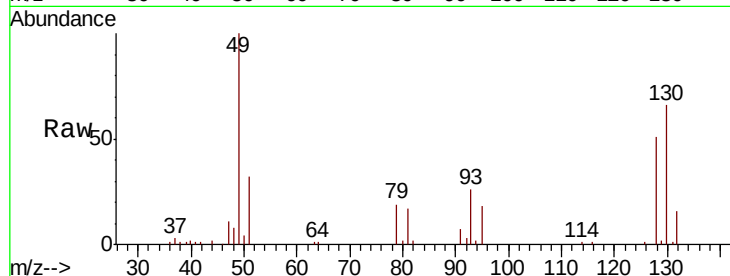




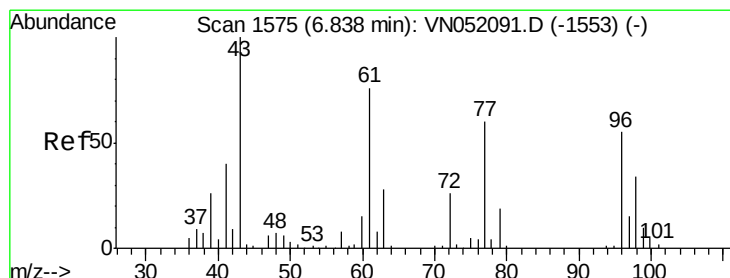
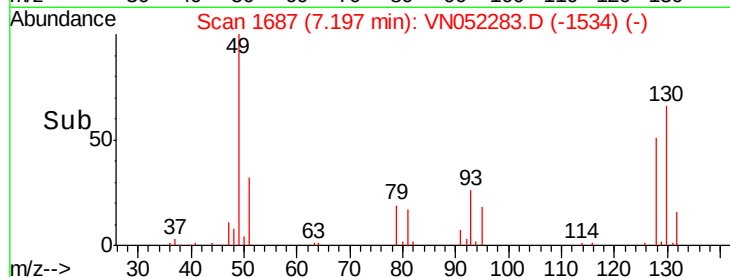
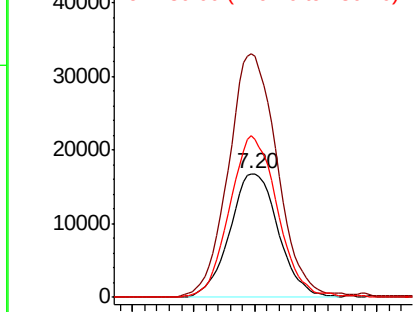
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: VN052283.D
 Acq: 13 Nov 2018 13:43

Instrument :
 MSVOA_N
 ClientSampled :
 2-AVE-25

Tot Ion:128 Resp: 46136
 Ion Ratio Lower Upper
 128 100
 49 198.2 0.0 453.7
 130 129.1 0.0 308.8

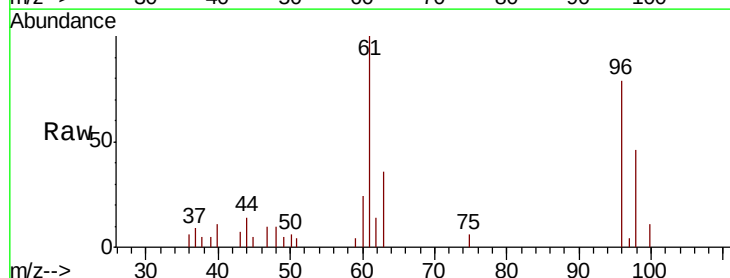


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

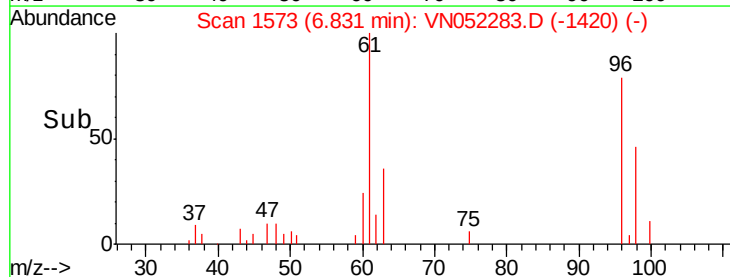
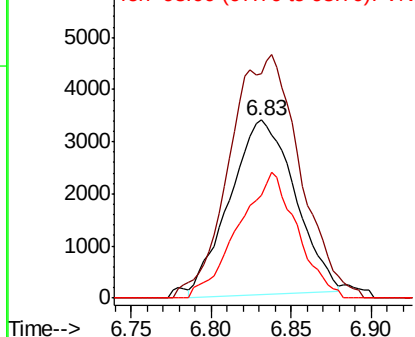


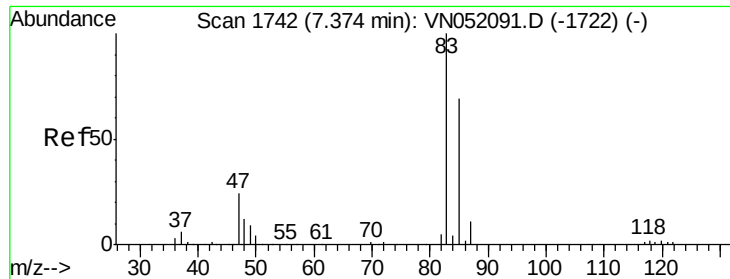
#22
 cis-1,2-Dichloroethene
 Concen: 2.878 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VN052283.D
 Acq: 13 Nov 2018 13:43

Tgt Ion: 96 Resp: 9394
 Ion Ratio Lower Upper
 96 100
 61 63.0 117.6 176.4#
 98 64.8 51.0 76.4



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

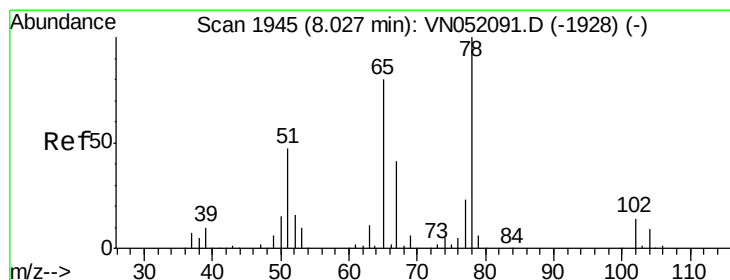
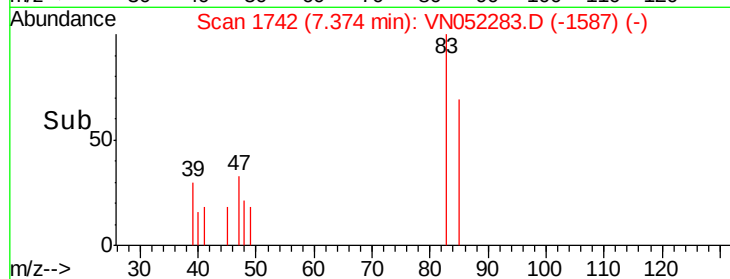
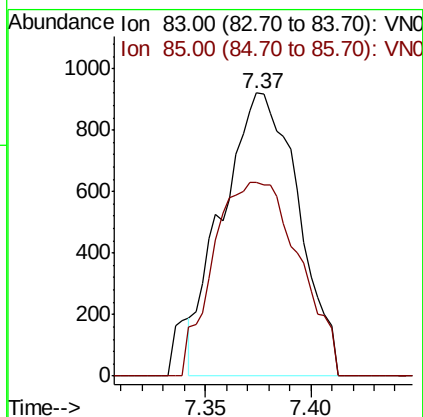
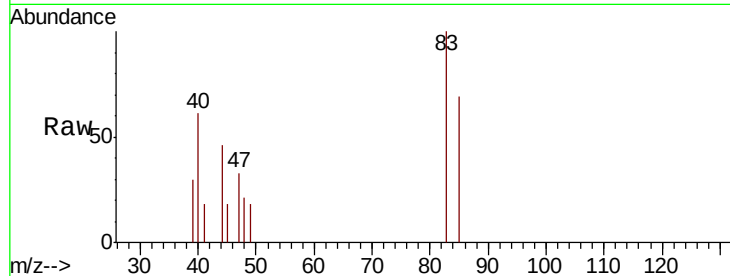




#25
Chloroform
Concen: 0.417 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052283.D
Acq: 13 Nov 2018 13:43

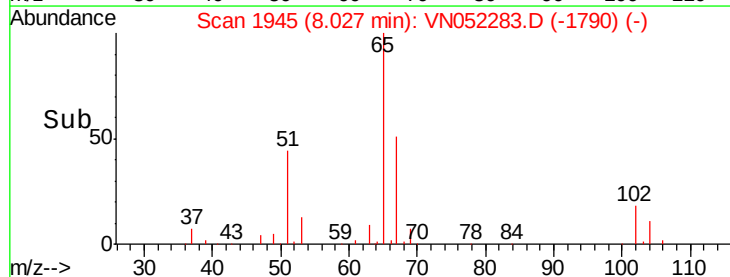
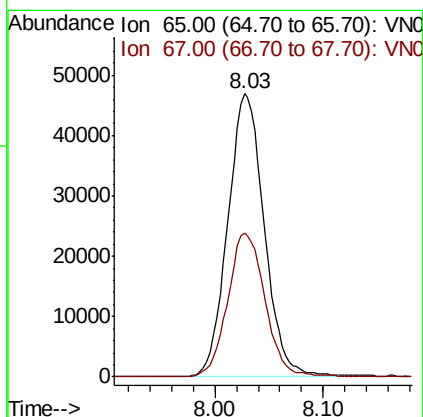
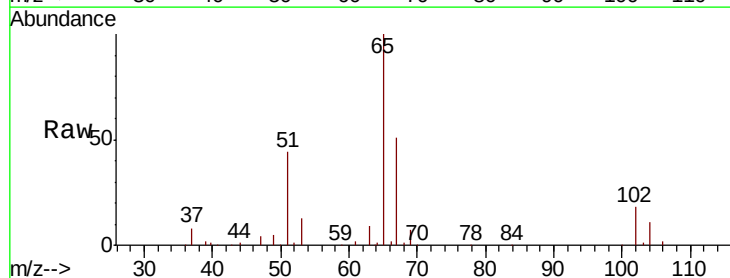
Instrument :
MSVOA_N
ClientSampled :
2-AVE-25

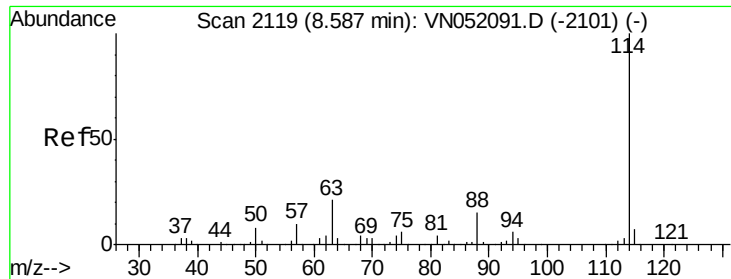
Tot Ion: 83 Resp: 2302
Ion Ratio Lower Upper
83 100
85 68.5 54.9 82.3



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052283.D
Acq: 13 Nov 2018 13:43

Tgt Ion: 65 Resp: 110682
Ion Ratio Lower Upper
65 100
67 51.7 42.6 64.0

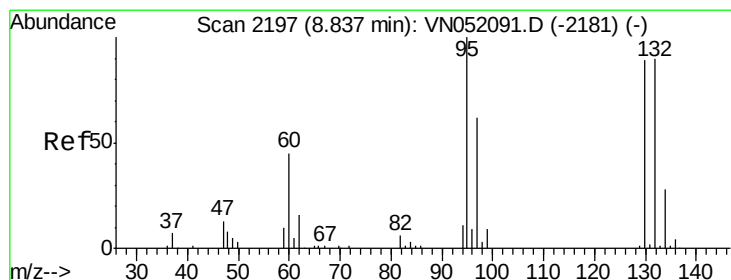
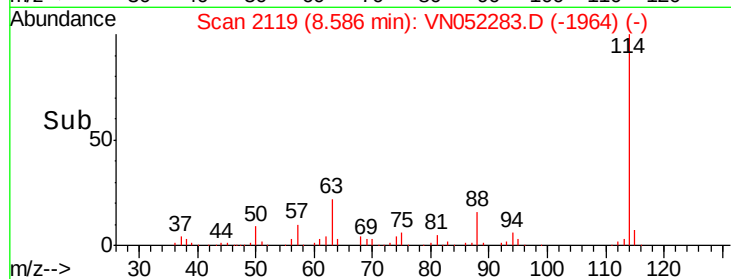
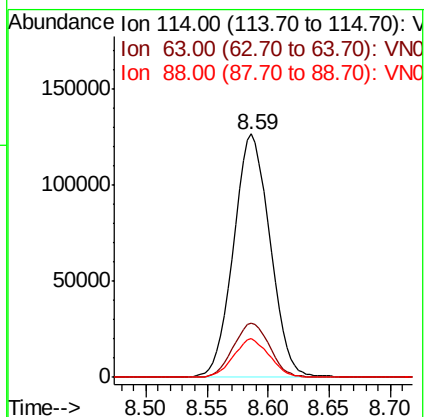
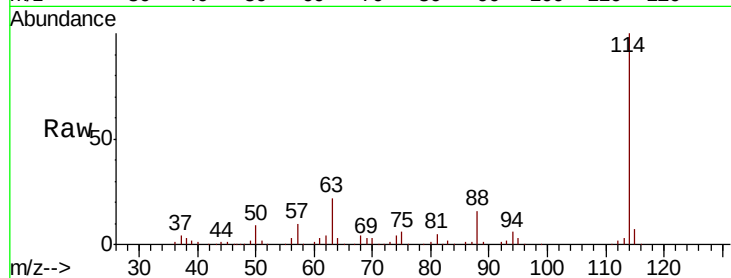




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052283.D
 Acq: 13 Nov 2018 13:43

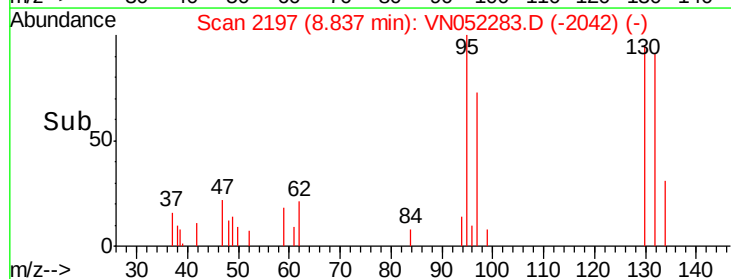
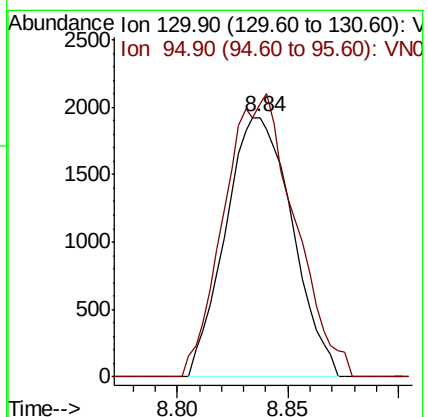
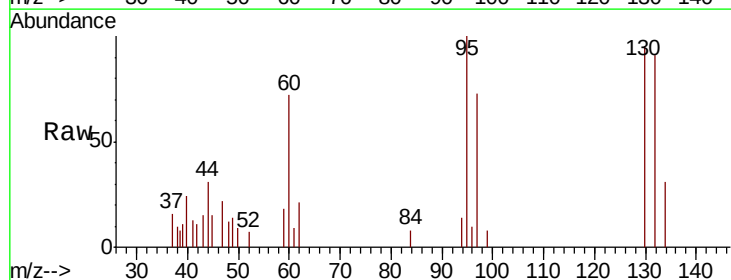
Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-25

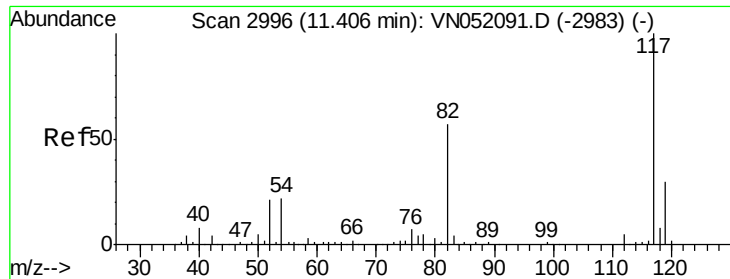
Tot Ion:114 Resp: 263103
 Ion Ratio Lower Upper
 114 100
 63 22.2 17.5 26.3
 88 15.7 12.6 18.8



#37
 Trichloroethene
 Concen: 1.321 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052283.D
 Acq: 13 Nov 2018 13:43

Tgt Ion:130 Resp: 4043
 Ion Ratio Lower Upper
 130 100
 95 97.1 89.9 134.9

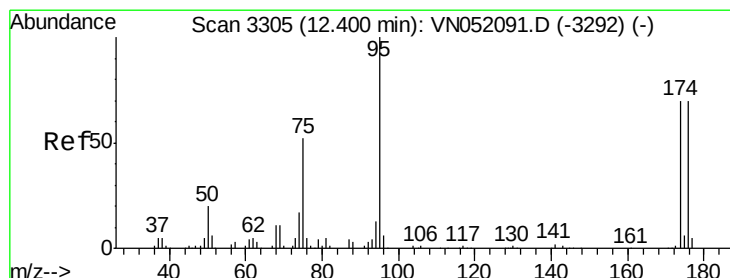
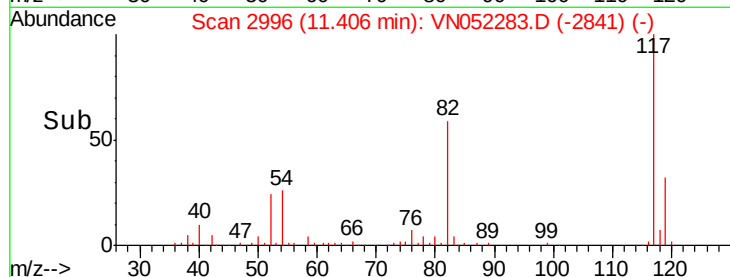
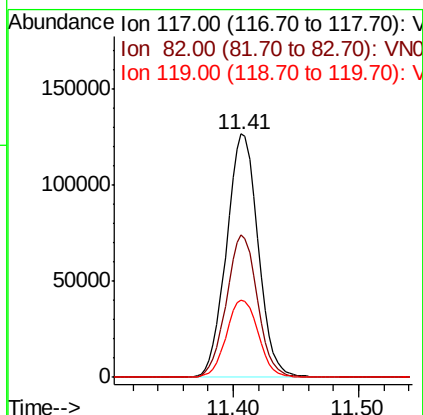
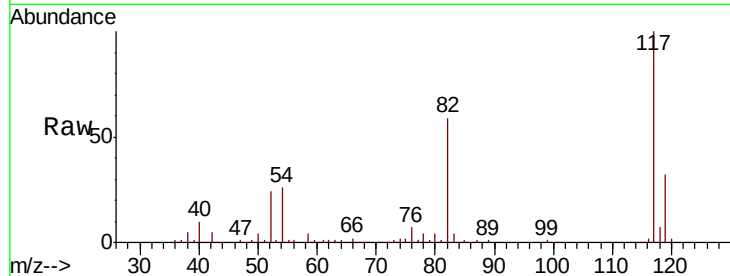




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052283.D
Acq: 13 Nov 2018 13:43

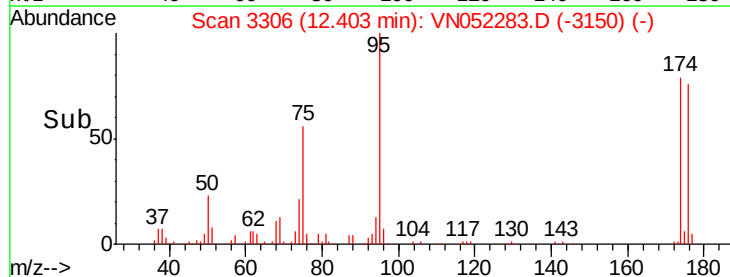
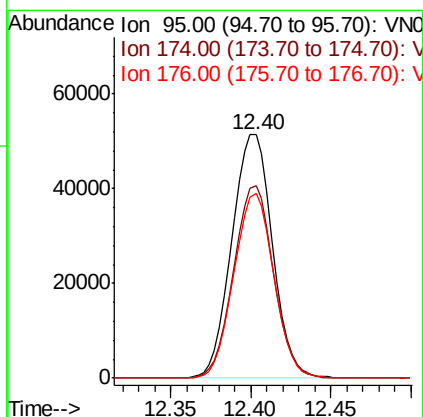
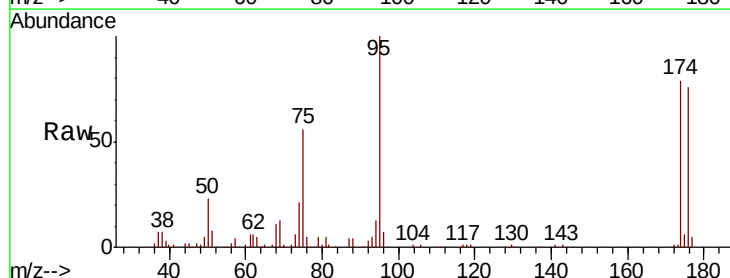
Instrument :
MSVOA_N
ClientSampled :
2-AVE-25

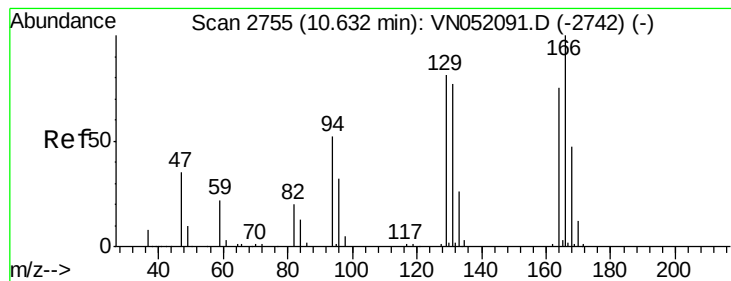
Tot Ion:117 Resp: 221599
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.6
119 32.3 24.2 36.4



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052283.D
Acq: 13 Nov 2018 13:43

Tgt Ion: 95 Resp: 88710
Ion Ratio Lower Upper
95 100
174 77.8 55.0 82.6
176 74.8 54.2 81.4





#61

Tetrachloroethene

Concen: 8.149 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN052283.D

Acq: 13 Nov 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

2-AVE-25

Tot Ion:164 Resp: 19639

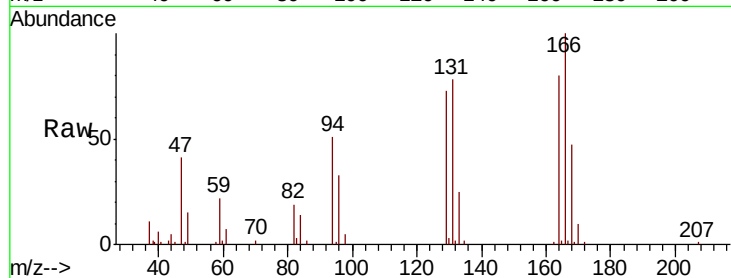
Ion Ratio Lower Upper

164 100

166 124.6 106.4 159.6

129 91.3 87.0 130.4

131 95.4 81.4 122.2

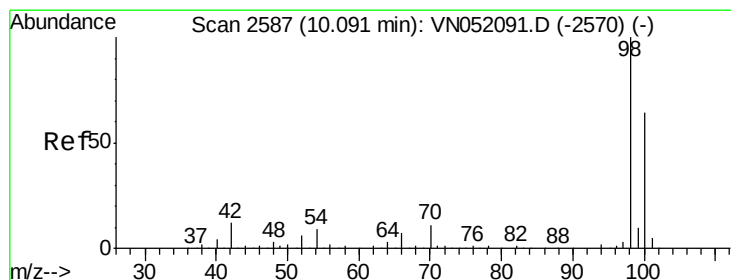
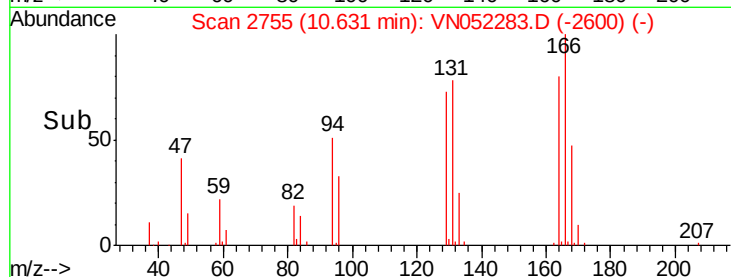
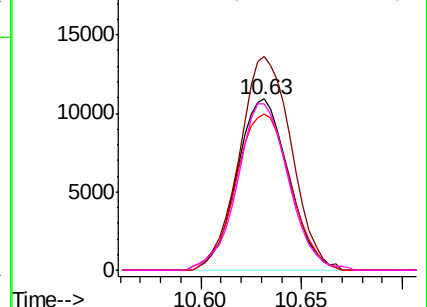


Abundance Ion 163.85 (163.55 to 164.55): V

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: VN052283.D

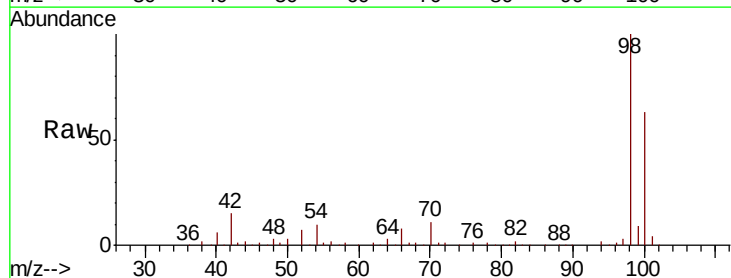
Acq: 13 Nov 2018 13:43

Tgt Ion: 98 Resp: 319765

Ion Ratio Lower Upper

98 100

100 62.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

