

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051920.D
 Acq On : 18 Oct 2018 16:54
 Operator : MD\SY
 Sample : J5580-01RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-23RE

Quant Time: Oct 18 17:19:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	130340	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1922997	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1650802	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	241652	30.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.57%
60) 4-Bromofluorobenzene	12.40	95	216601	9.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	30.33%#
63) Toluene-d8	10.09	98	780247	10.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	36.27%#

Target Compounds

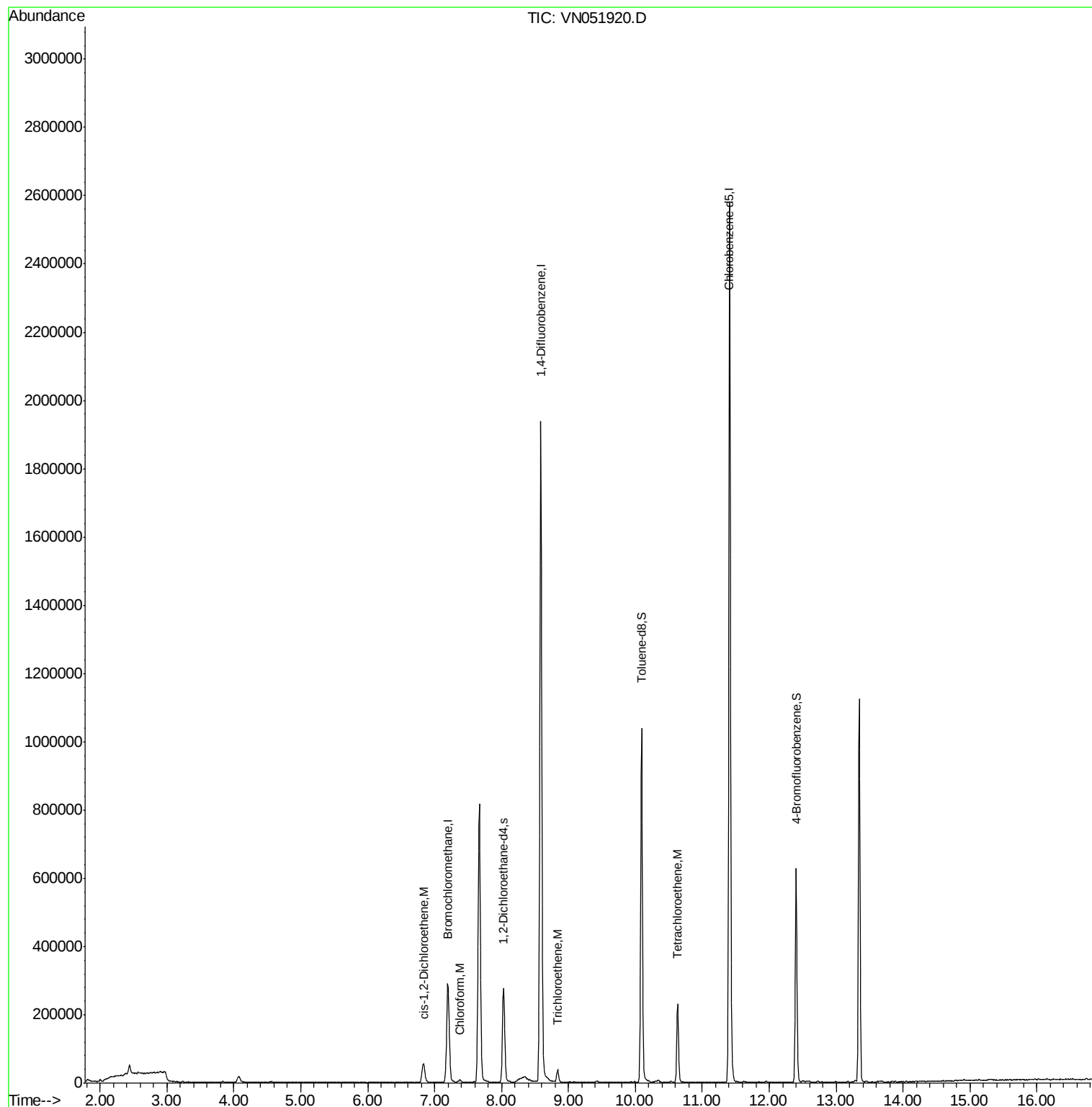
						Qvalue
22) cis-1,2-Dichloroethene	6.84	96	36034	4.48	ug/l	# 72
25) Chloroform	7.37	83	7087	0.54	ug/l	# 82
37) Trichloroethene	8.84	130	14093	0.62	ug/l	86
61) Tetrachloroethene	10.63	164	54107	2.56	ug/l	92

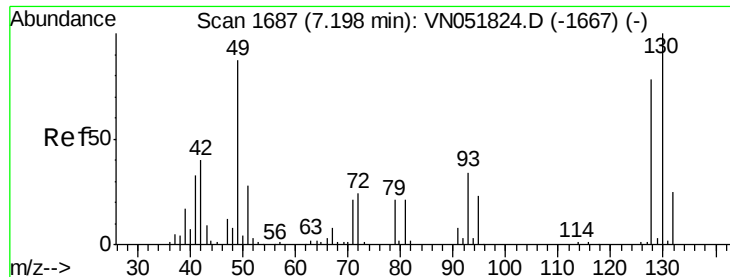
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051920.D

Acq: 18 Oct 2018 16:54

Instrument :

MSVOA_N

ClientSampled :

2-AVE-23RE

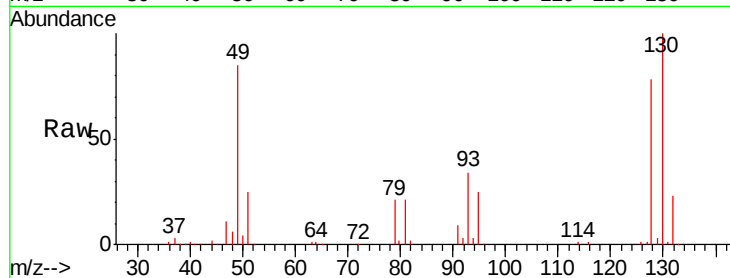
Tgt Ion:128 Resp: 130340

Ion Ratio Lower Upper

128 100

49 108.9 0.0 403.3

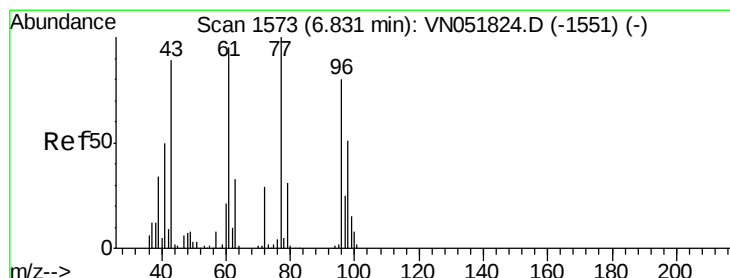
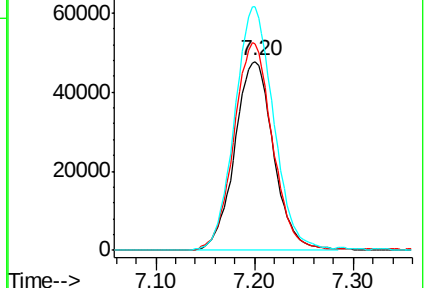
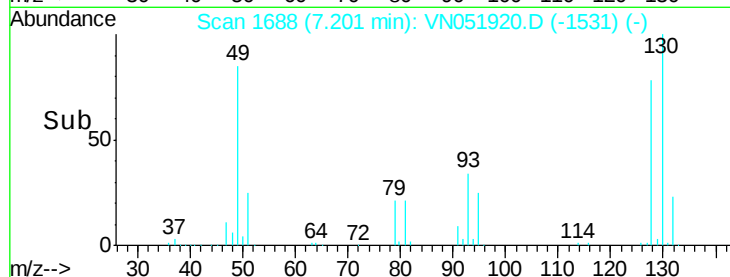
130 129.2 0.0 326.0



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: 4.48 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN051920.D

Acq: 18 Oct 2018 16:54

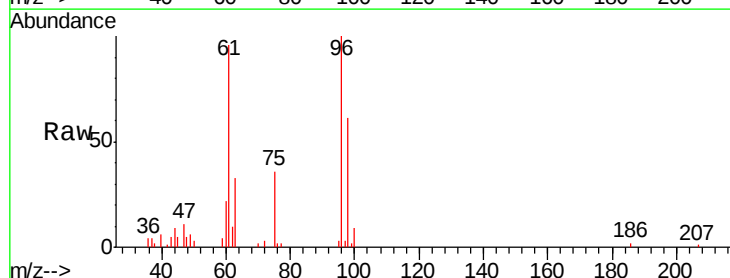
Tgt Ion: 96 Resp: 36034

Ion Ratio Lower Upper

96 100

61 104.0 124.5 186.7#

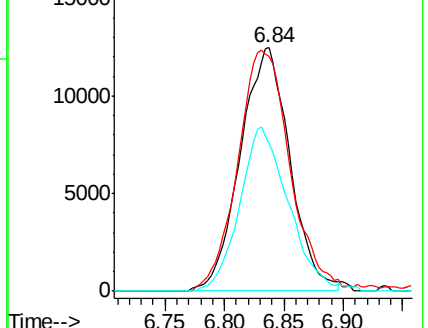
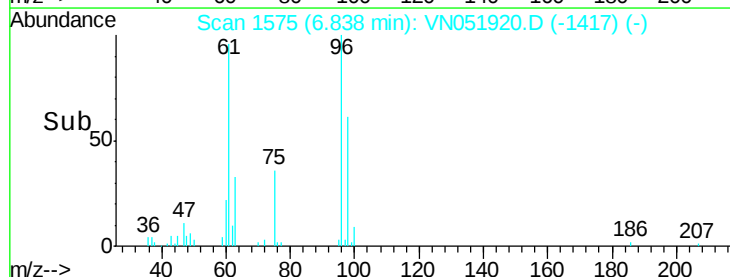
98 65.5 51.9 77.9

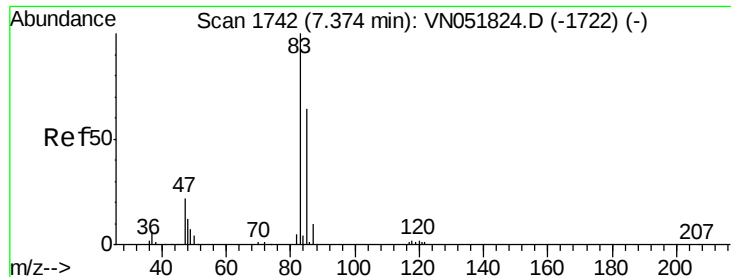


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#25

Chloroform

Concen: 0.54 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051920.D

Acq: 18 Oct 2018 16:54

Instrument :

MSVOA_N

ClientSampled :

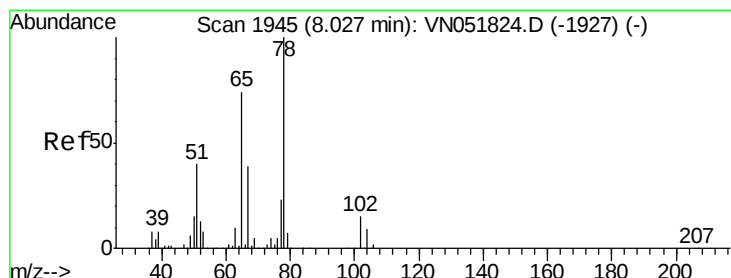
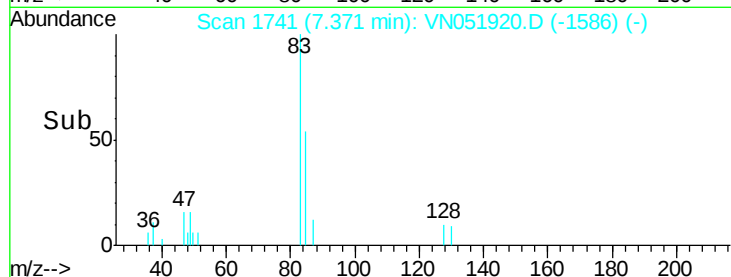
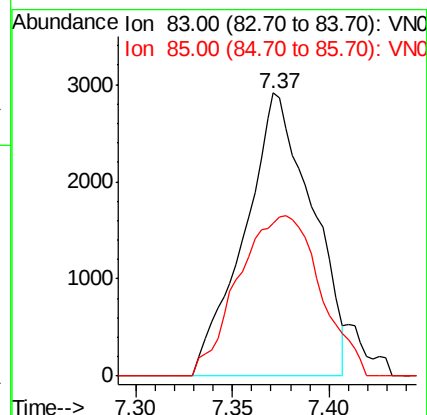
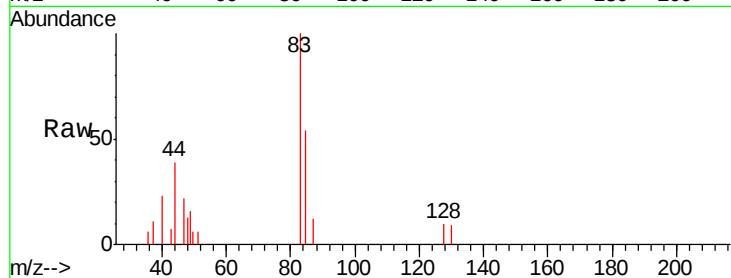
2-AVE-23RE

Tgt Ion: 83 Resp: 7087

Ion Ratio Lower Upper

83 100

85 54.1 54.6 82.0#



#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051920.D

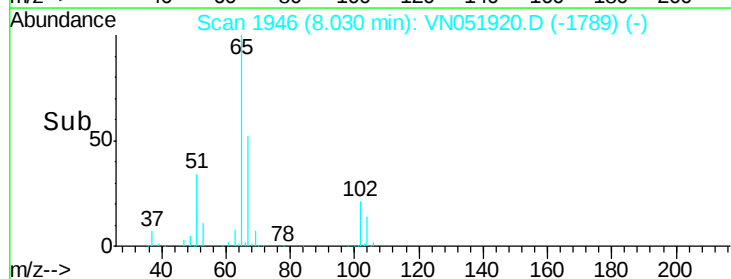
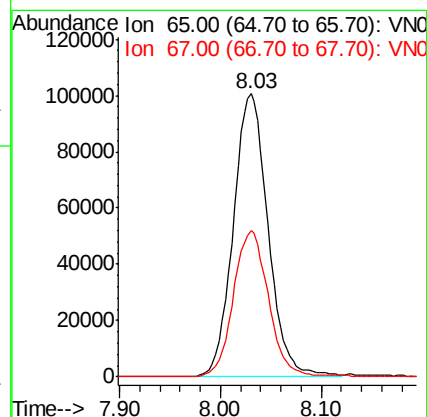
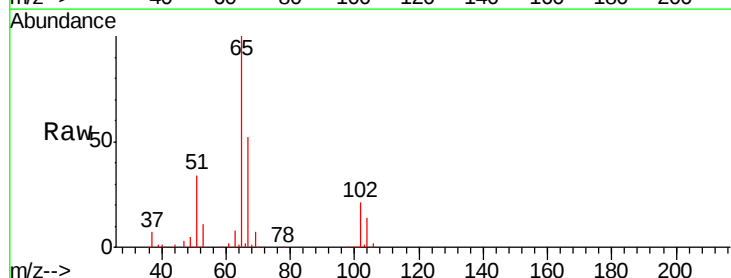
Acq: 18 Oct 2018 16:54

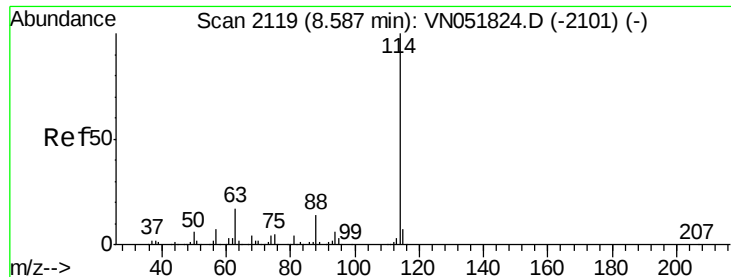
Tgt Ion: 65 Resp: 241652

Ion Ratio Lower Upper

65 100

67 51.8 41.8 62.8

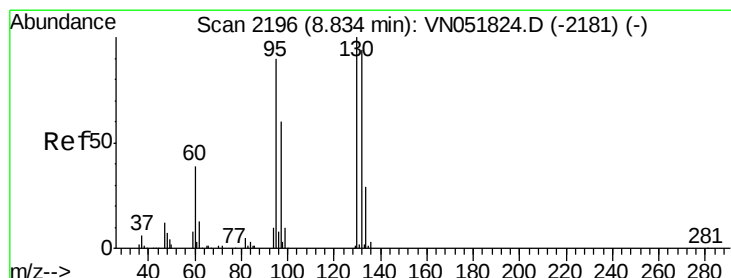
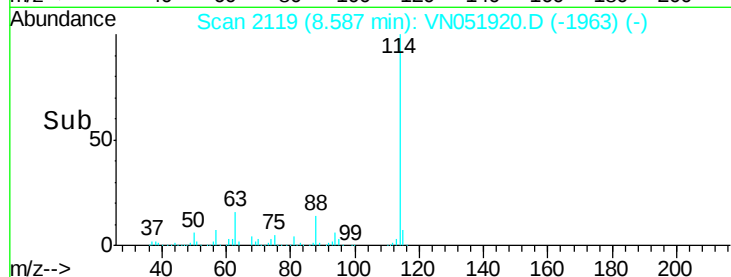
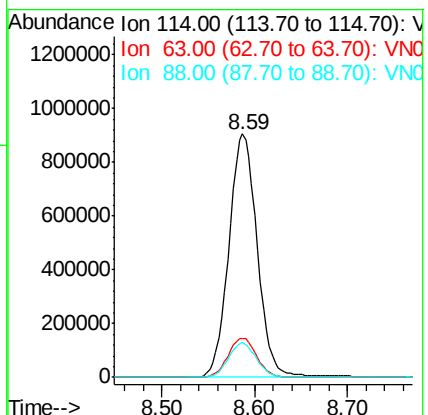
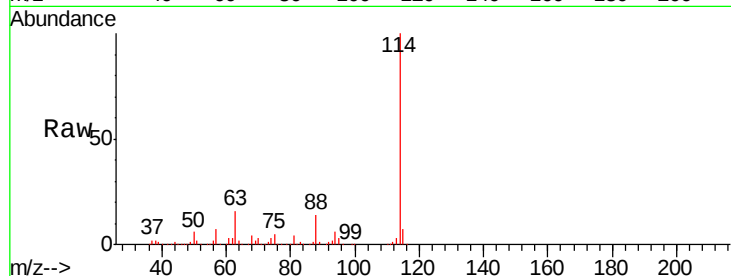




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051920.D
Acq: 18 Oct 2018 16:54

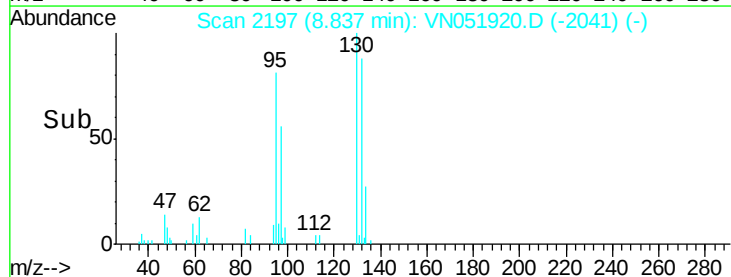
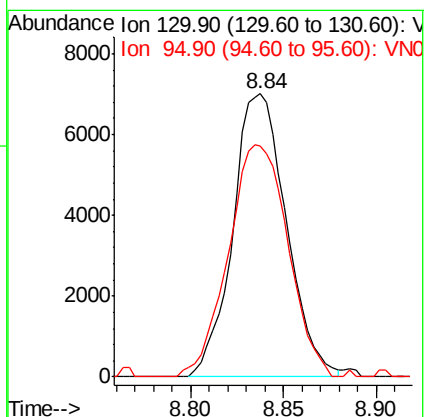
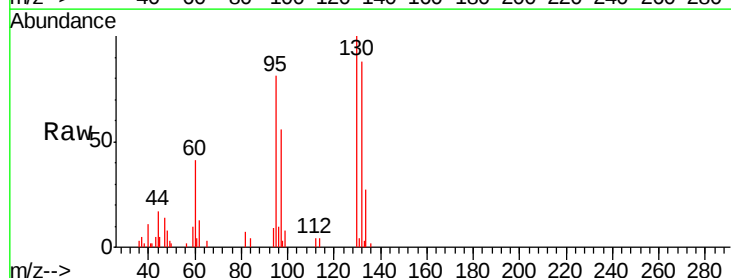
Instrument :
MSVOA_N
ClientSampleId :
2-AVE-23RE

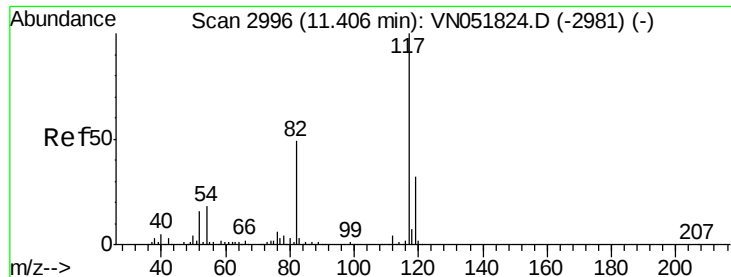
Tgt Ion:114 Resp: 1922997
Ion Ratio Lower Upper
114 100
63 16.3 16.2 24.2
88 14.1 12.2 18.4



#37
Trichloroethene
Concen: 0.62 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051920.D
Acq: 18 Oct 2018 16:54

Tgt Ion:130 Resp: 14093
Ion Ratio Lower Upper
130 100
95 81.4 76.4 114.6

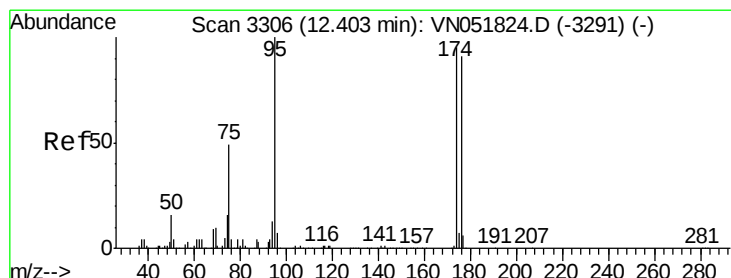
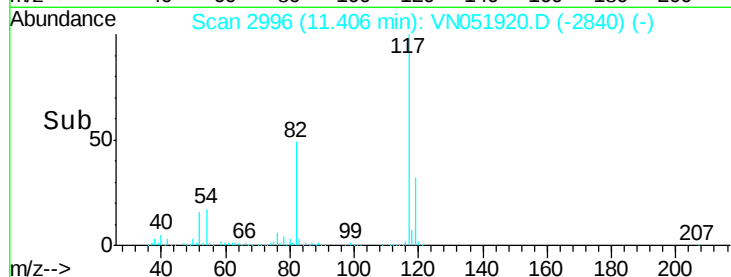
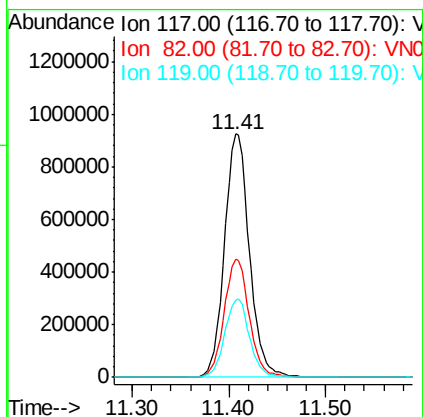
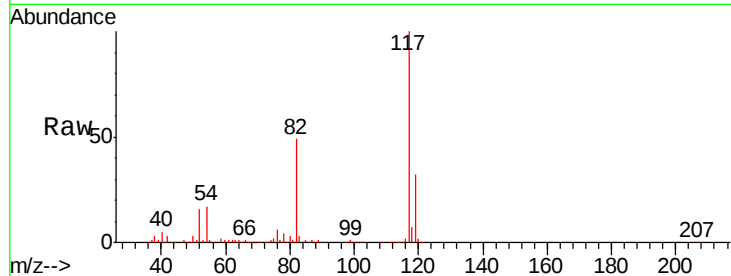




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051920.D
Acq: 18 Oct 2018 16:54

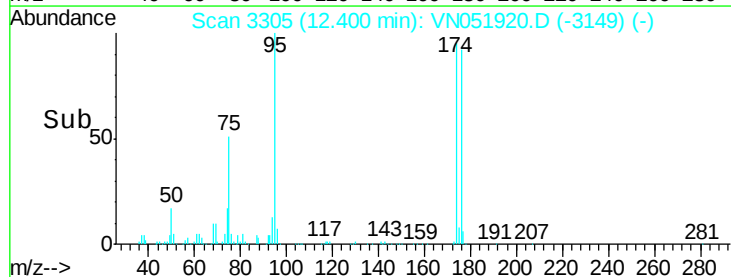
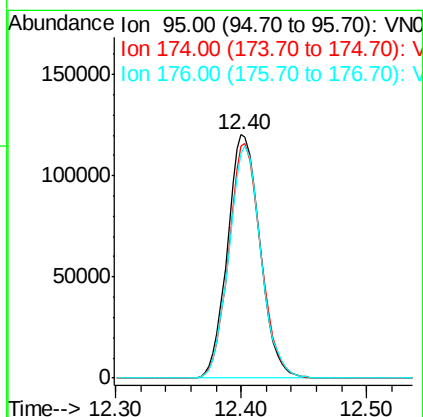
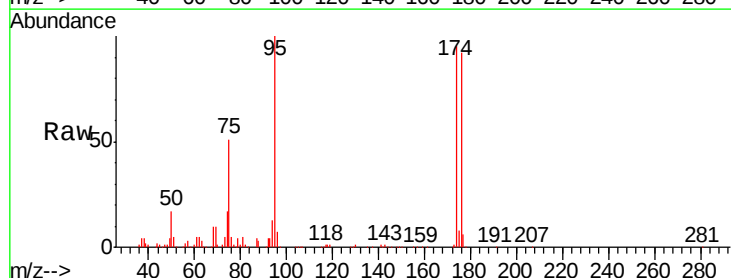
Instrument :
MSVOA_N
ClientSampled :
2-AVE-23RE

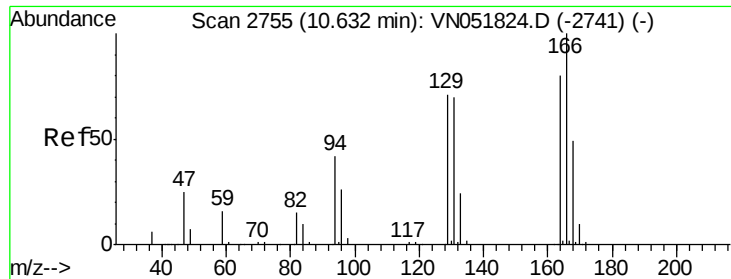
Tgt Ion: 117 Resp: 1650802
Ion Ratio Lower Upper
117 100
82 49.0 44.1 66.1
119 32.2 25.8 38.8



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051920.D
Acq: 18 Oct 2018 16:54

Tgt Ion: 95 Resp: 216601
Ion Ratio Lower Upper
95 100
174 94.6 73.5 110.3
176 93.4 70.2 105.2

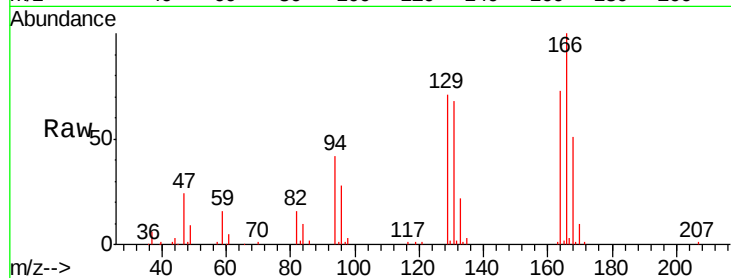




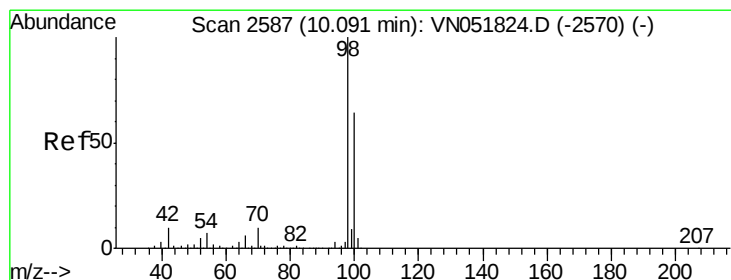
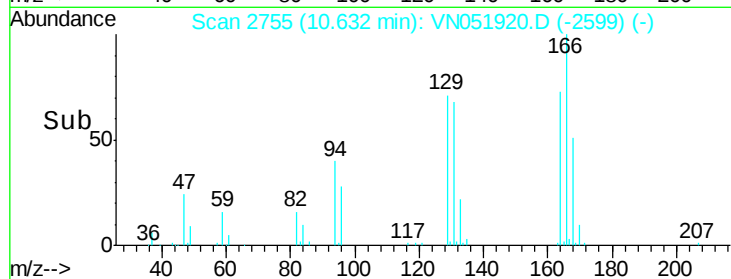
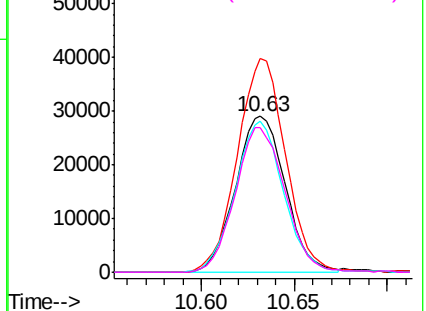
#61
Tetrachloroethene
Concen: 2.56 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051920.D
Acq: 18 Oct 2018 16:54

Instrument :
MSVOA_N
ClientSampled :
2-AVE-23RE

Tgt Ion:164 Resp: 54107
Ion Ratio Lower Upper
164 100
166 136.8 98.7 148.1
129 96.1 69.6 104.4
131 92.9 72.4 108.6

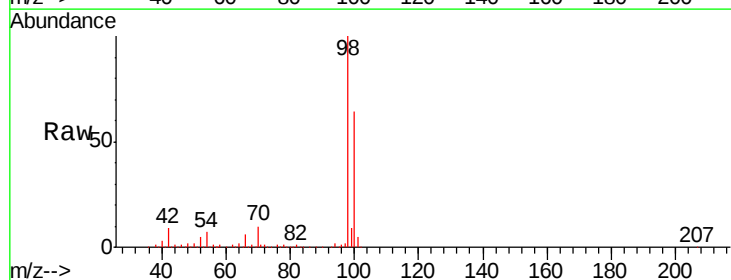


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051920.D
Acq: 18 Oct 2018 16:54

Tgt Ion: 98 Resp: 780247
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

