

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050973.D
 Acq On : 30 Aug 2018 19:59
 Operator : MD\SY
 Sample : J4742-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-AVE-19

Quant Time: Aug 31 09:56:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	107375	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	565686	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	440305	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	214150	31.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.17%
60) 4-Bromofluorobenzene	12.40	95	139129	21.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.83%
63) Toluene-d8	10.09	98	629590	30.66	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.20%

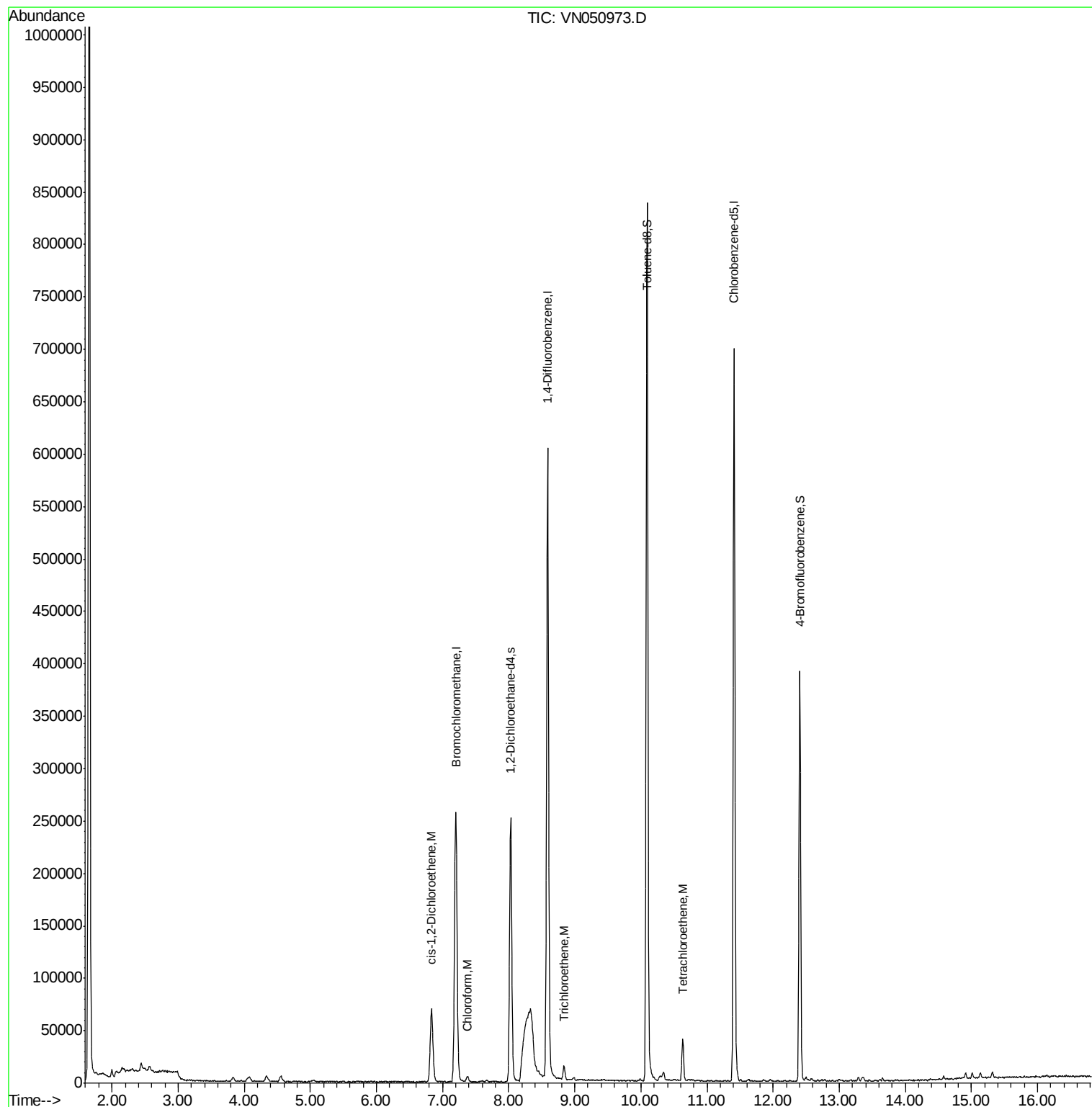
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	6.83	96	48685	6.97 ug/l	91
25) Chloroform	7.38	83	5822	0.50 ug/l	98
37) Trichloroethene	8.84	130	5281	0.77 ug/l	95
61) Tetrachloroethene	10.63	164	10006	1.82 ug/l	93

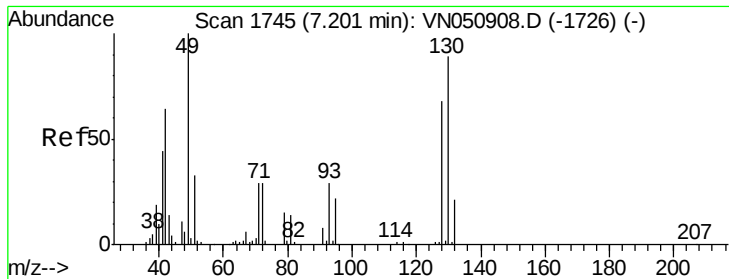
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 01:38:44 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050973.D

Acq: 30 Aug 2018 19:59

Instrument :

MSVOA_N

ClientSampled :

2-AVE-19

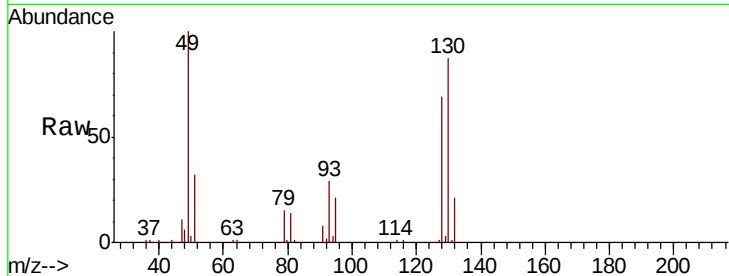
Tot Ion:128 Resp: 107375

Ion Ratio Lower Upper

128 100

49 152.5 0.0 380.3

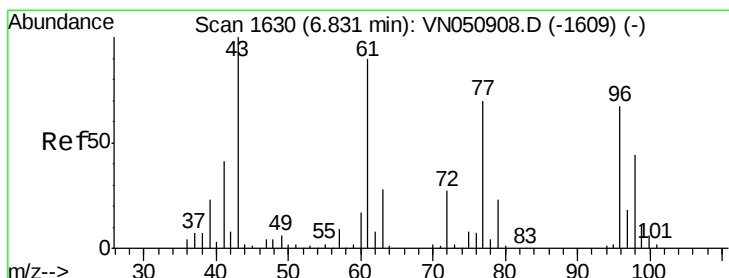
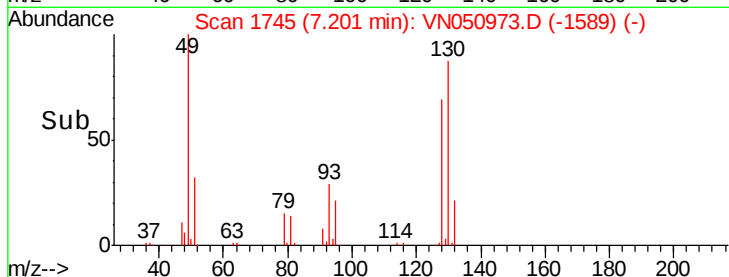
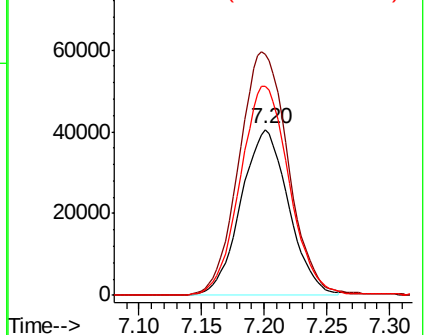
130 129.9 0.0 325.3



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: 6.97 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050973.D

Acq: 30 Aug 2018 19:59

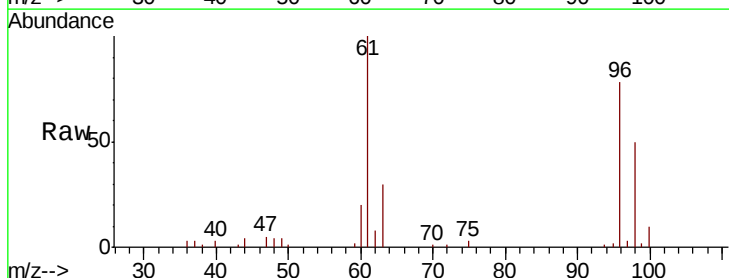
Tgt Ion: 96 Resp: 48685

Ion Ratio Lower Upper

96 100

61 122.3 110.0 165.0

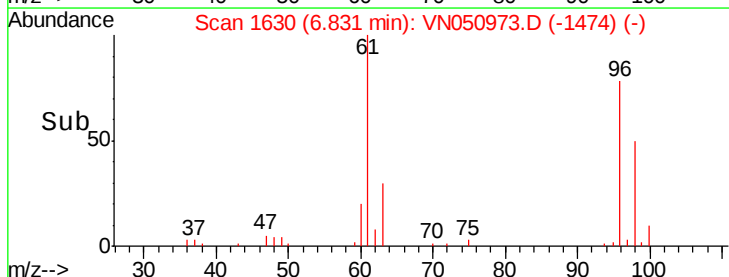
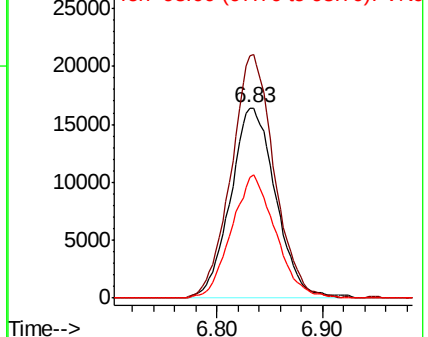
98 63.2 51.7 77.5

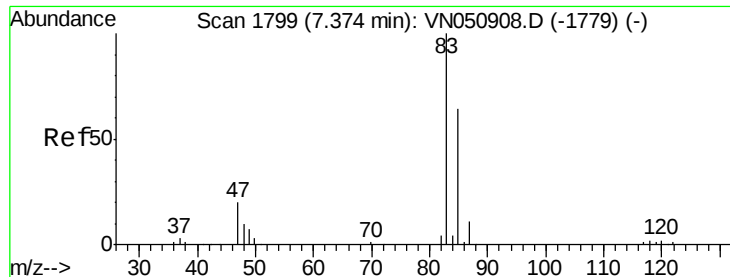


Abundance Ion 96.00 (95.70 to 96.70): V

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

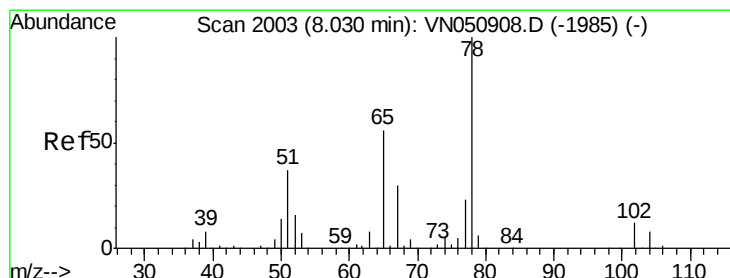
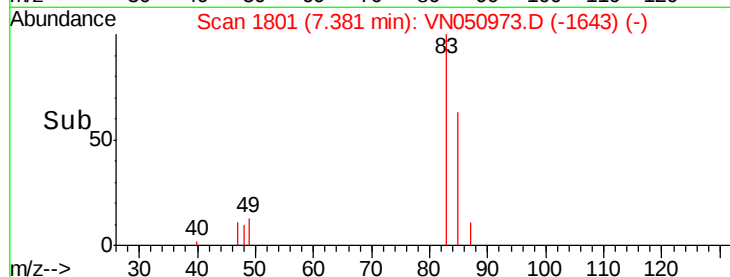
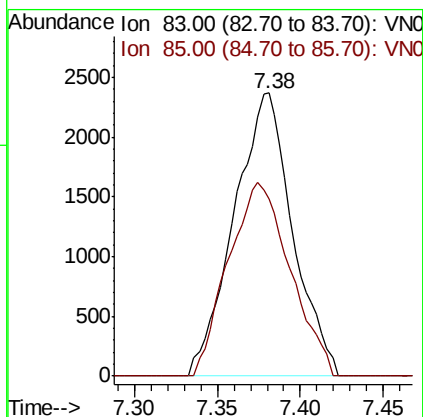
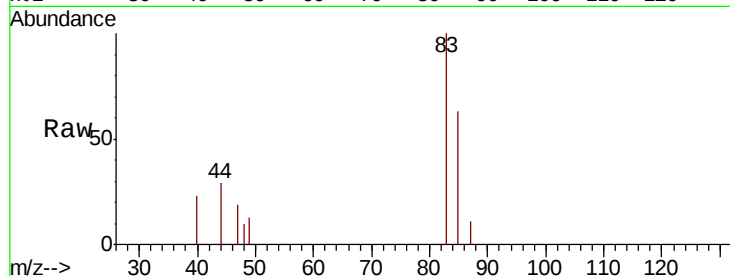




#25
Chloroform
Concen: 0.50 ug/l
RT: 7.38 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VN050973.D
Acq: 30 Aug 2018 19:59

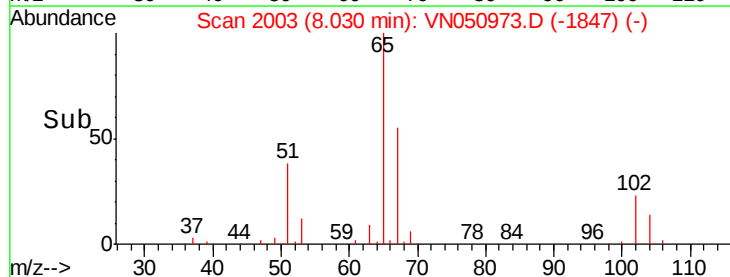
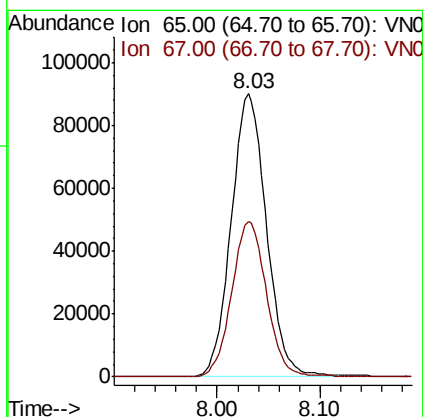
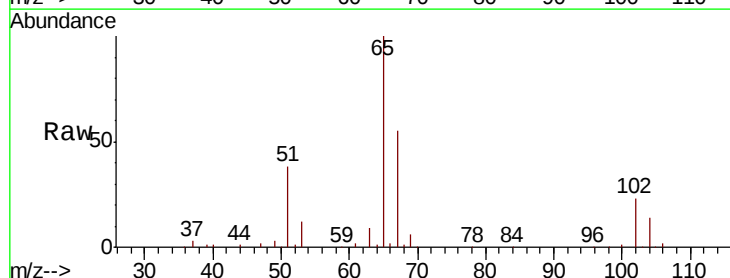
Instrument :
MSVOA_N
ClientSampled :
2-AVE-19

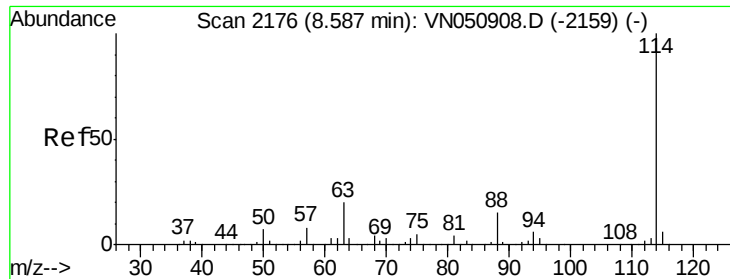
Tot Ion: 83 Resp: 5822
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.0



#27
1,2-Dichloroethane-d4
Concen: 31.25 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050973.D
Acq: 30 Aug 2018 19:59

Tgt Ion: 65 Resp: 214150
Ion Ratio Lower Upper
65 100
67 54.1 43.7 65.5

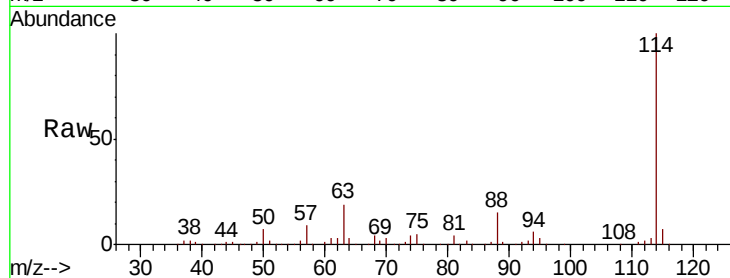




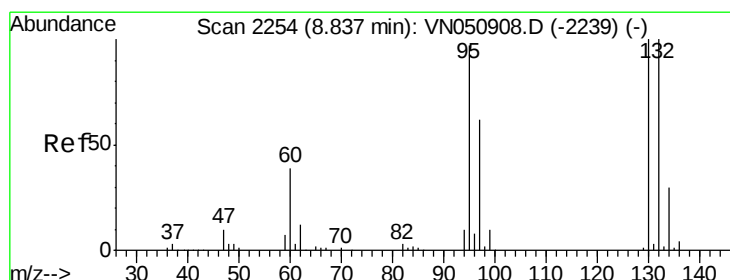
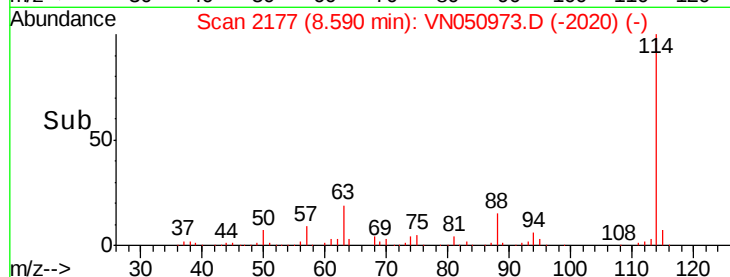
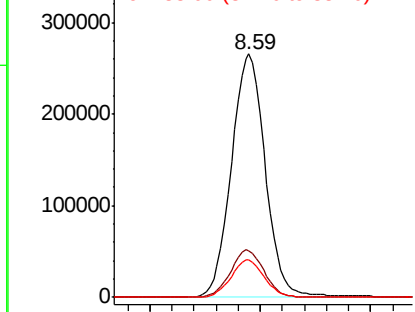
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050973.D
 Acq: 30 Aug 2018 19:59

Instrument :
 MSVOA_N
 ClientSampled :
 2-AVE-19

Tot Ion:114 Resp: 565686
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.6 23.4
 88 15.2 12.2 18.4

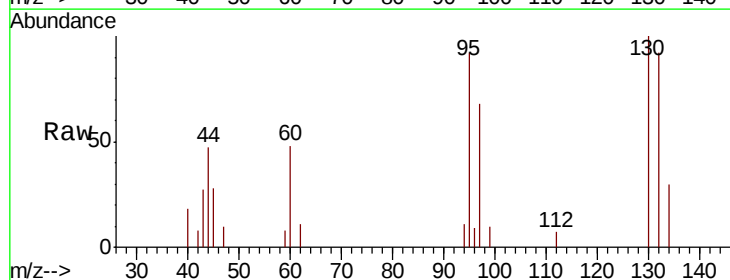


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

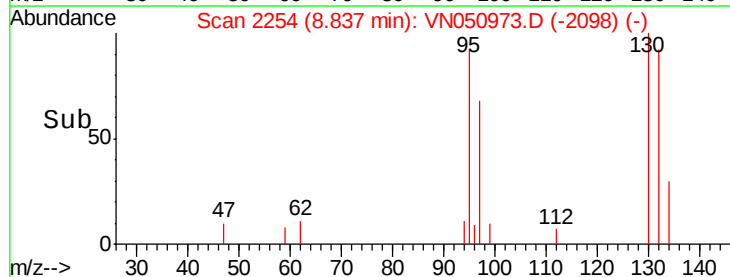
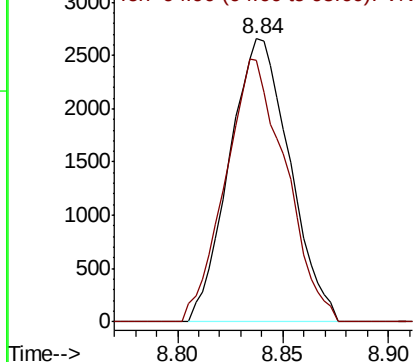


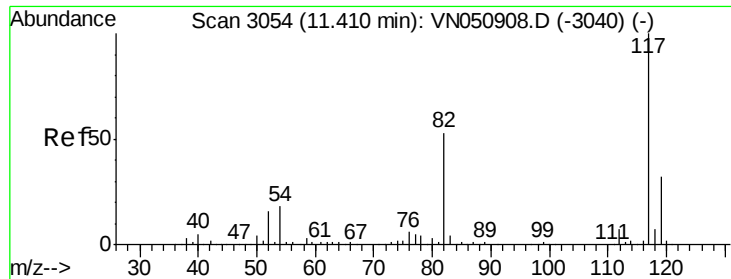
#37
 Trichloroethene
 Concen: 0.77 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050973.D
 Acq: 30 Aug 2018 19:59

Tgt Ion:130 Resp: 5281
 Ion Ratio Lower Upper
 130 100
 95 92.2 77.4 116.0



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

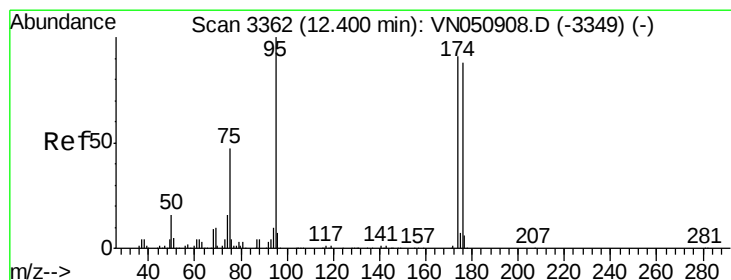
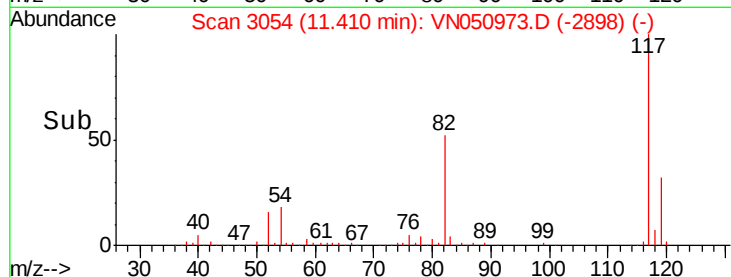
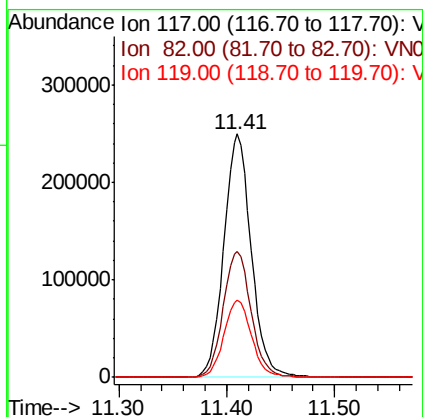
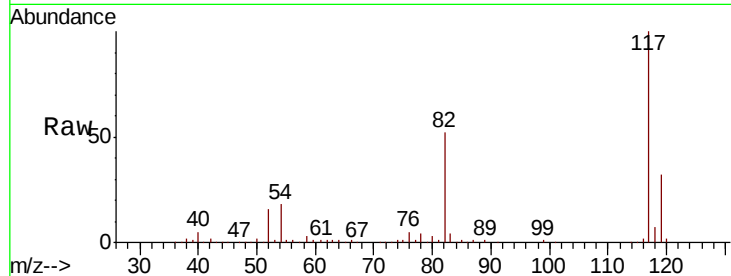




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050973.D
Acq: 30 Aug 2018 19:59

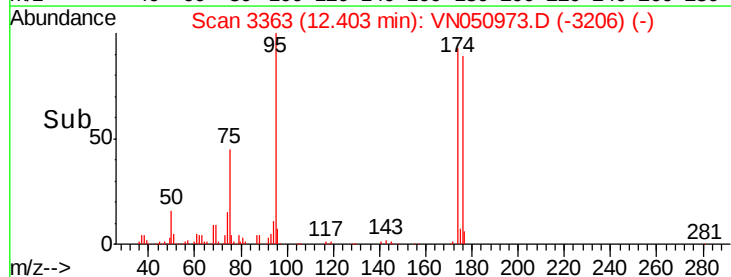
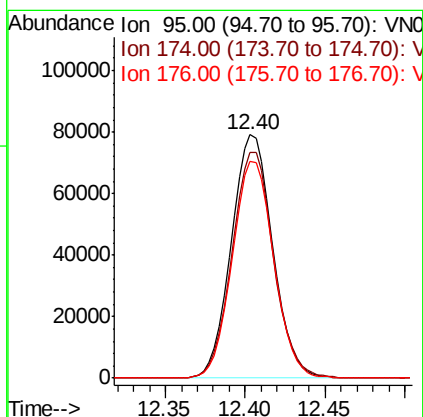
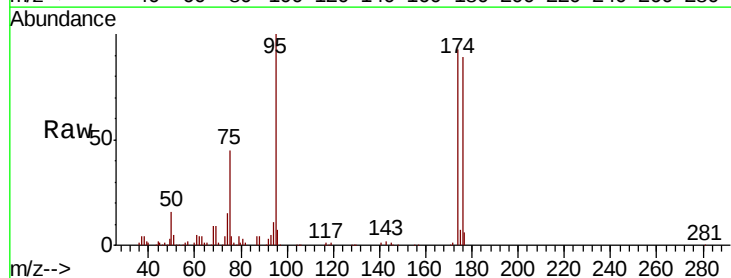
Instrument :
MSVOA_N
ClientSampleId :
2-AVE-19

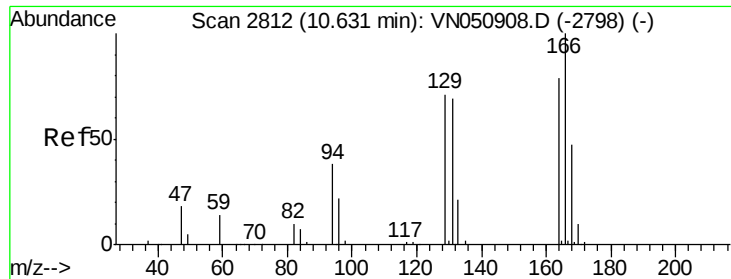
Tot Ion:117 Resp: 440305
Ion Ratio Lower Upper
117 100
82 52.8 42.6 64.0
119 32.2 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 21.25 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050973.D
Acq: 30 Aug 2018 19:59

Tgt Ion: 95 Resp: 139129
Ion Ratio Lower Upper
95 100
174 93.4 74.6 112.0
176 89.7 71.5 107.3

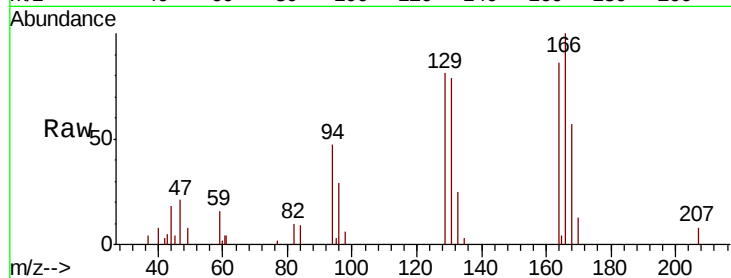




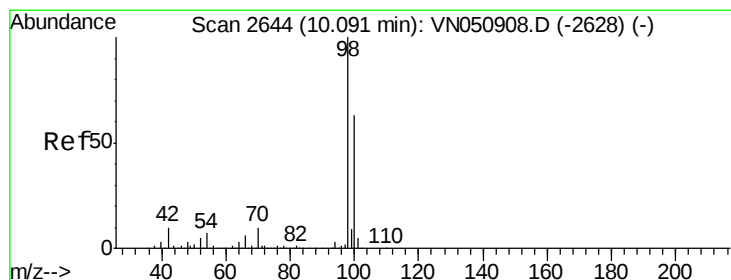
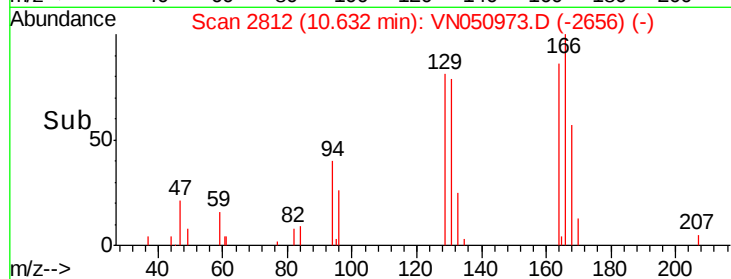
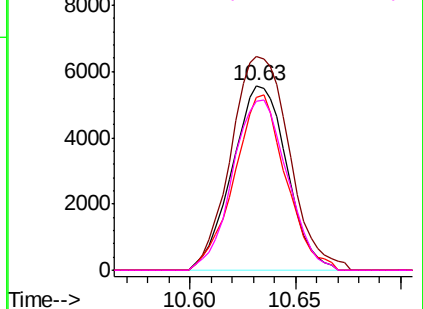
#61
Tetrachloroethene
Concen: 1.82 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050973.D
Acq: 30 Aug 2018 19:59

Instrument :
MSVOA_N
ClientSampleId :
2-AVE-19

Tot Ion:164 Resp: 10006
Ion Ratio Lower Upper
164 100
166 115.6 100.6 151.0
129 93.4 71.0 106.6
131 91.8 69.3 103.9

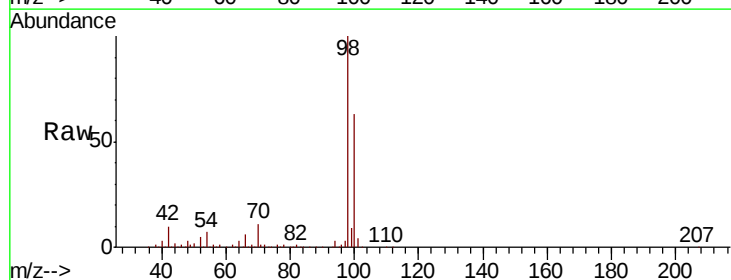


Abundance Ion 163.85 (163.55 to 164.55): V
10000 Ion 165.80 (165.50 to 166.50): V
8000 Ion 128.90 (128.60 to 129.60): V
6000 Ion 130.90 (130.60 to 131.60): V
4000
2000
0



#63
Toluene-d8
Concen: 30.66 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050973.D
Acq: 30 Aug 2018 19:59

Tgt Ion: 98 Resp: 629590
Ion Ratio Lower Upper
98 100
100 63.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN
400000 Ion 100.00 (99.70 to 100.70): VN
300000
200000
100000
0

