

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055903.D
 Acq On : 30 May 2019 16:39
 Operator : JC/SP
 Sample : K3112-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: May 31 08:30:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	52228	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	284682	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	227536	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	107223	31.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.70%
60) 4-Bromofluorobenzene	12.40	95	81403	23.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.67%
63) Toluene-d8	10.09	98	326167	31.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.57%

Target Compounds

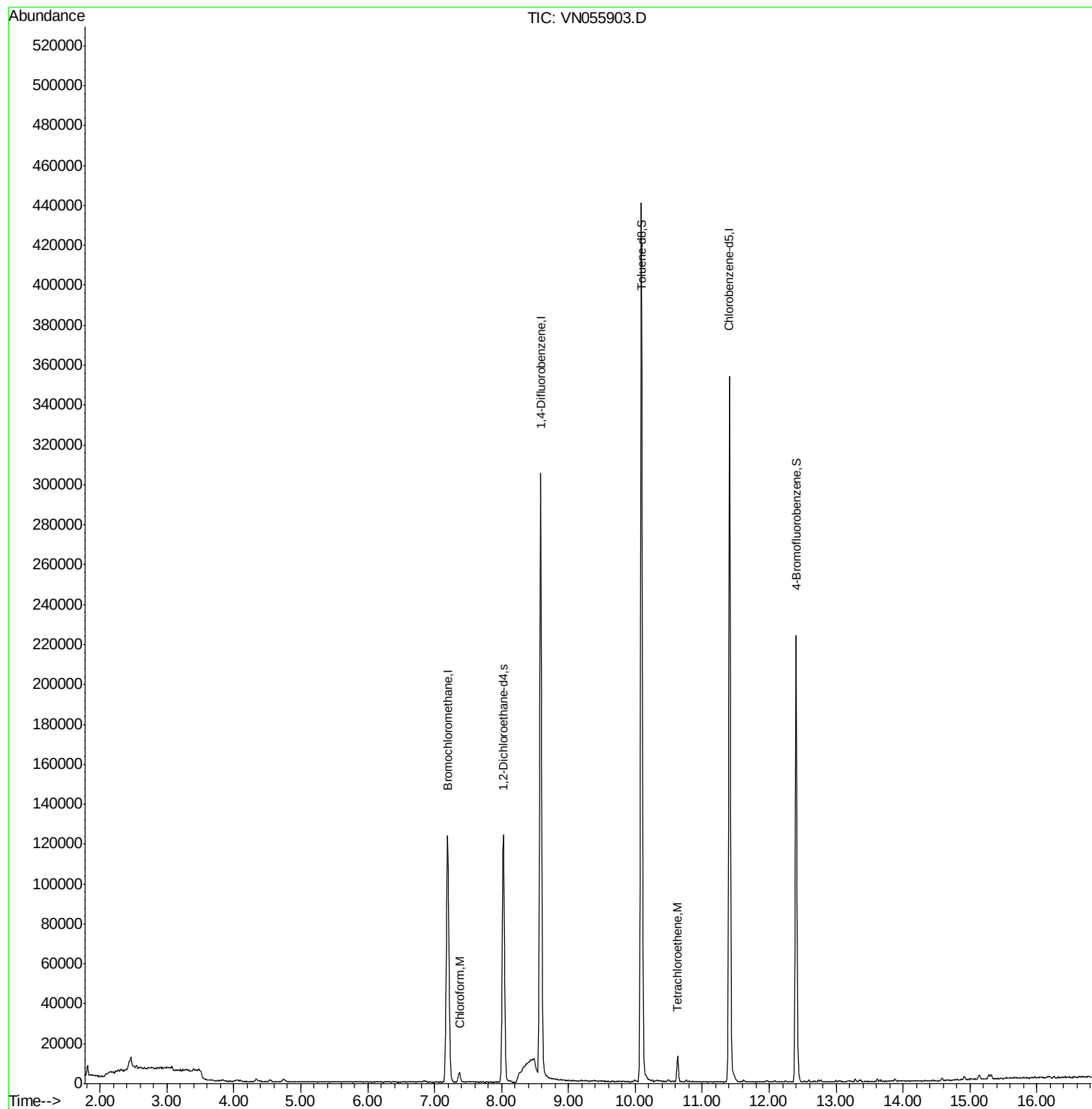
					Ovalue	
25) Chloroform	7.37	83	5704	1.061	ug/l	98
61) Tetrachloroethene	10.63	164	3234	1.050	ug/l #	83

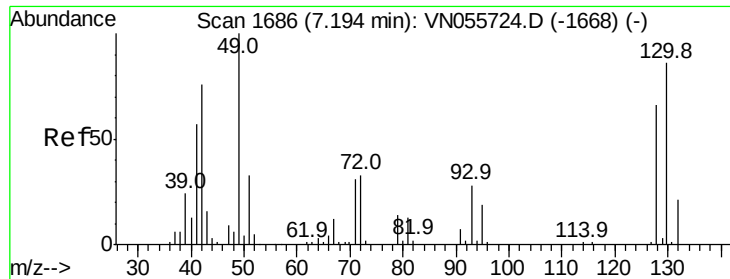
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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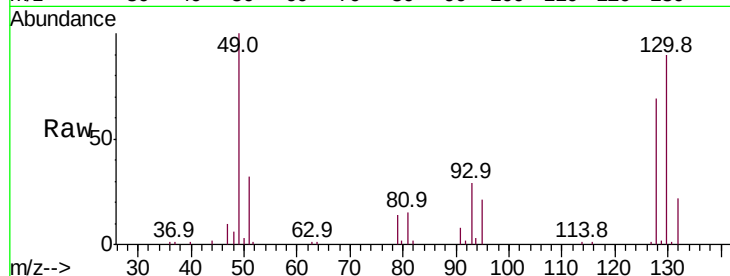




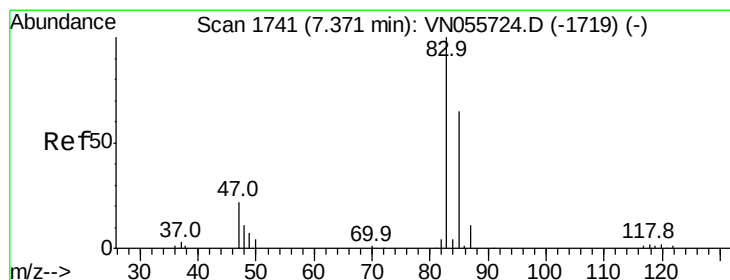
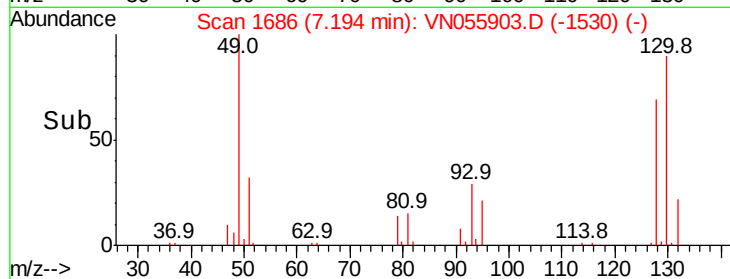
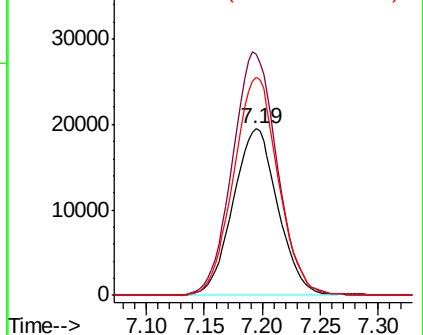
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055903.D
 Acq: 30 May 2019 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Tot Ion:128 Resp: 52228
 Ion Ratio Lower Upper
 128 100
 49 146.4 0.0 383.2
 130 131.0 0.0 326.3

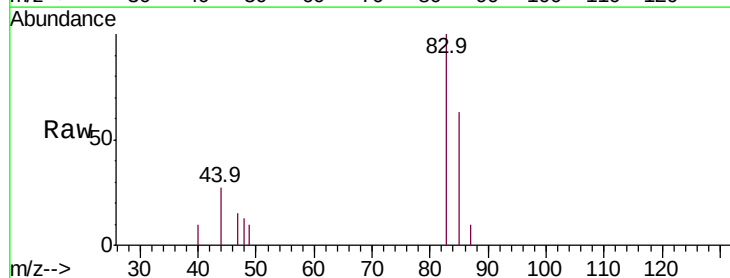


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

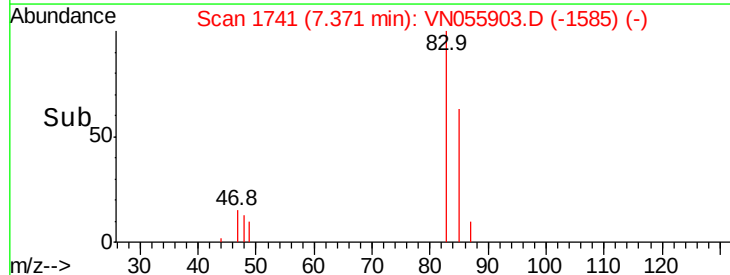
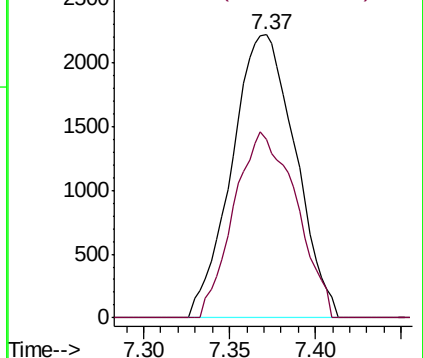


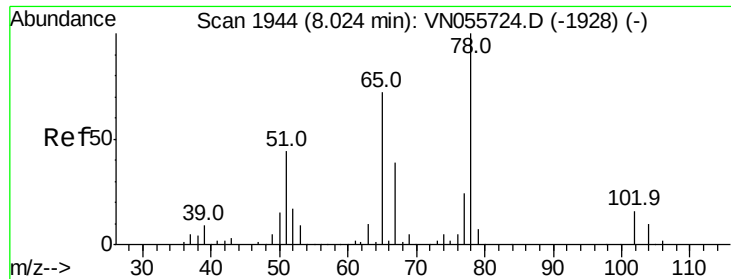
#25
 Chloroform
 Concen: 1.061 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VN055903.D
 Acq: 30 May 2019 16:39

Tgt Ion: 83 Resp: 5704
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 85.00 (84.70 to 85.70): VN

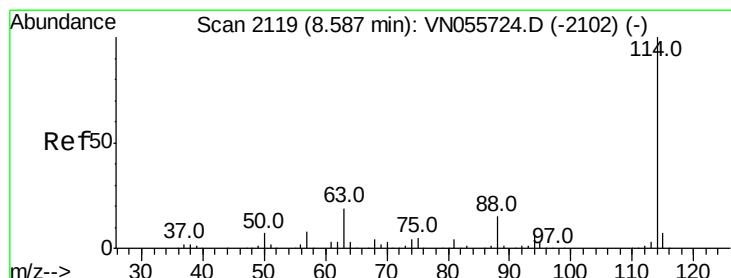
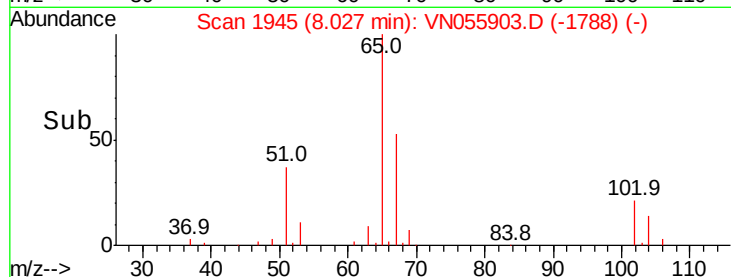
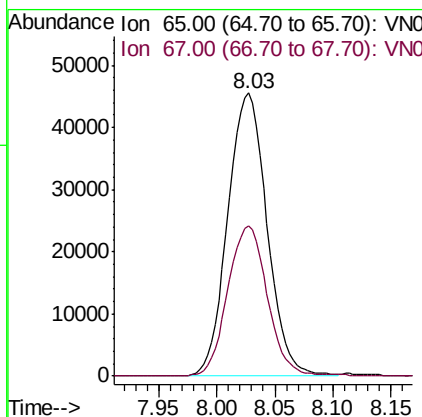
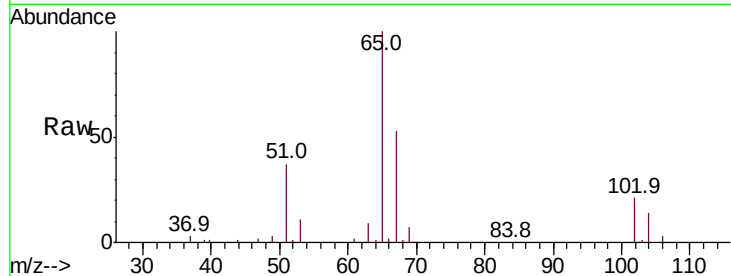




#27
 1,2-Dichloroethane-d4
 Concen: 31.409 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055903.D
 Acq: 30 May 2019 16:39

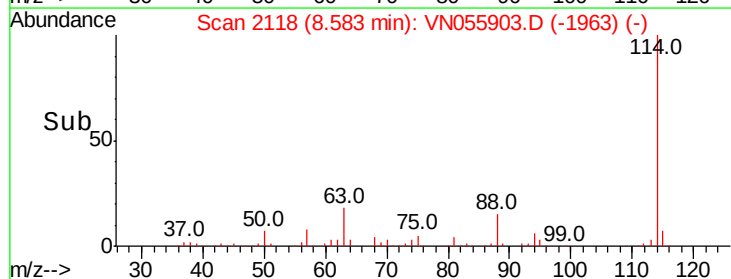
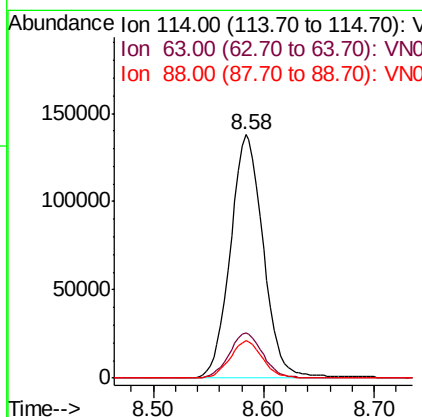
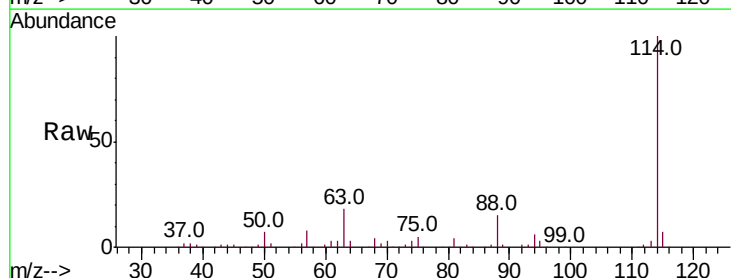
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

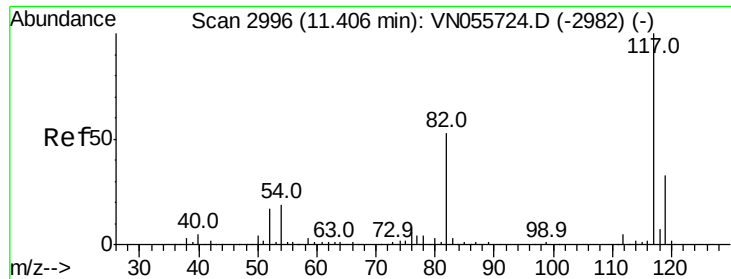
Tot Ion: 65 Resp: 107223
 Ion Ratio Lower Upper
 65 100
 67 53.3 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055903.D
 Acq: 30 May 2019 16:39

Tgt Ion: 114 Resp: 284682
 Ion Ratio Lower Upper
 114 100
 63 18.7 15.6 23.4
 88 15.2 12.3 18.5

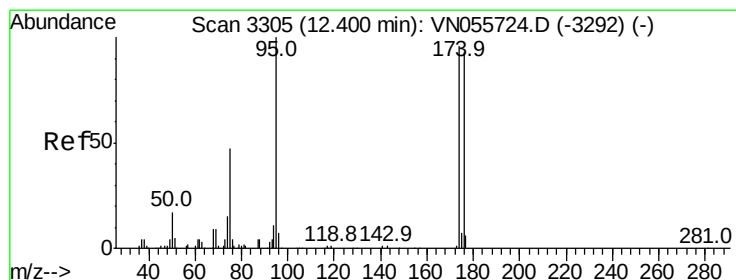
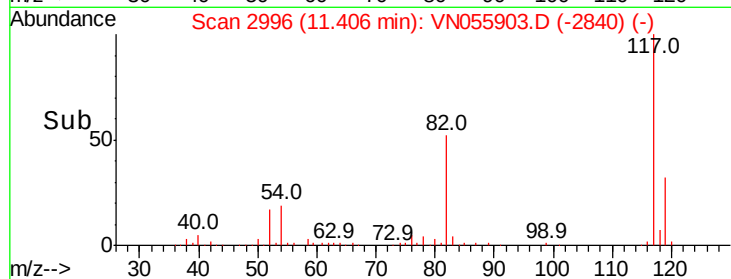
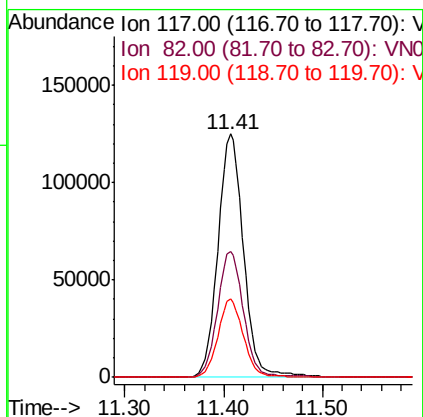
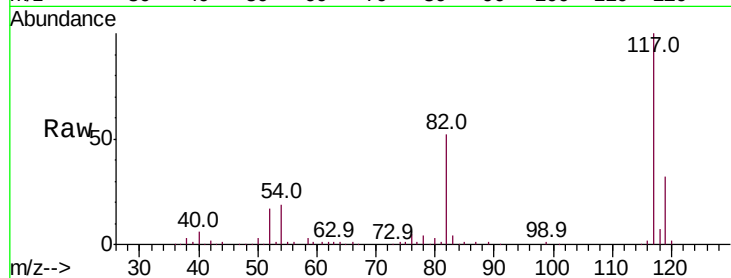




#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055903.D
 Acq: 30 May 2019 16:39

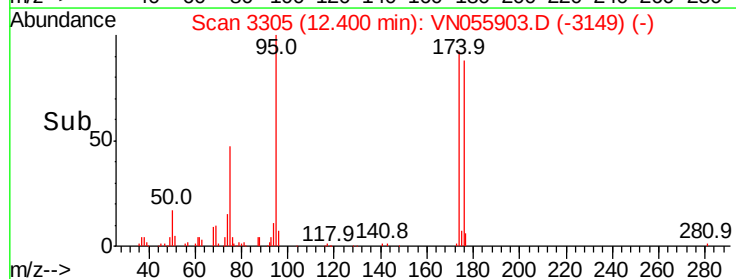
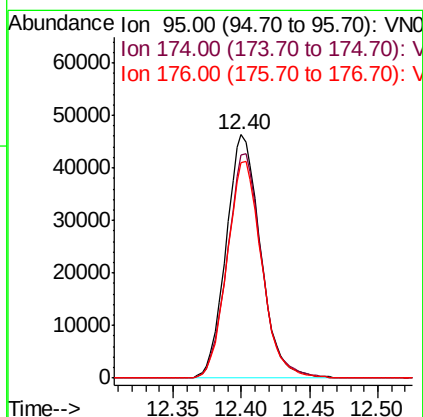
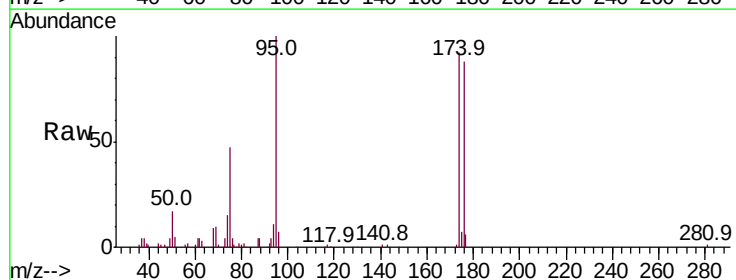
Instrument :
 MSVOA_N
 ClientSampled :
 SPDES-1

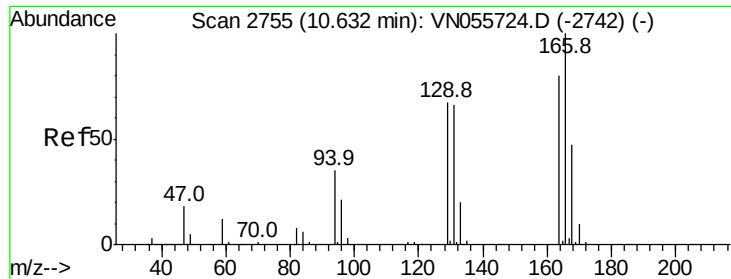
Tot Ion:117 Resp: 227536
 Ion Ratio Lower Upper
 117 100
 82 51.9 42.6 64.0
 119 31.8 25.9 38.9



#60
 4-Bromofluorobenzene
 Concen: 22.998 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055903.D
 Acq: 30 May 2019 16:39

Tgt Ion: 95 Resp: 81403
 Ion Ratio Lower Upper
 95 100
 174 91.9 75.7 113.5
 176 89.2 74.1 111.1





#61

Tetrachloroethene

Concen: 1.050 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN055903.D

Acq: 30 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

Tot Ion:164 Resp: 3234

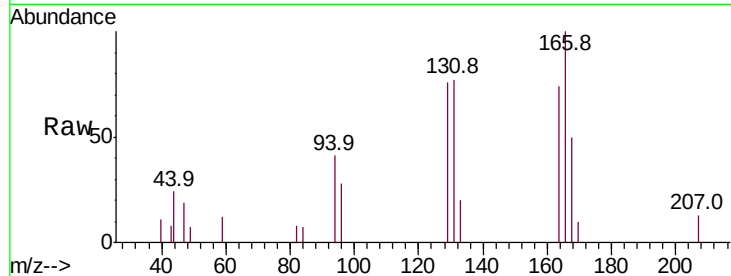
Ion Ratio Lower Upper

164 100

166 135.6 100.6 150.8

129 103.2 67.4 101.2#

131 105.0 66.6 99.8#

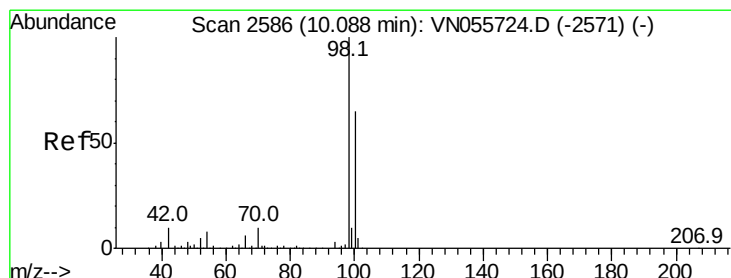
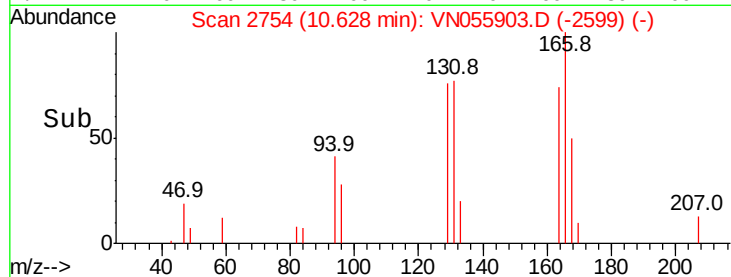
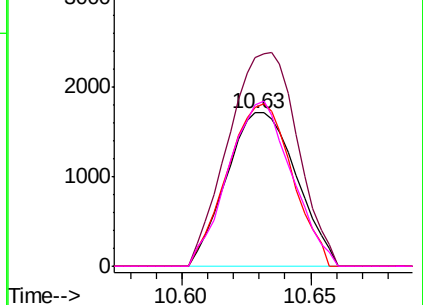


Abundance Ion 163.85 (163.55 to 164.55): V

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: 31.368 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055903.D

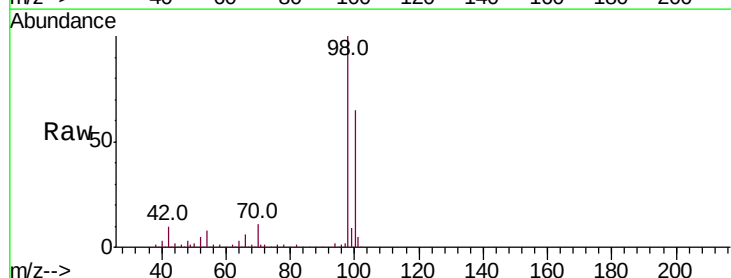
Acq: 30 May 2019 16:39

Tgt Ion: 98 Resp: 326167

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

