

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051483.D
 Acq On : 25 Sep 2018 14:26
 Operator : MD\SY
 Sample : J5015-01RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1RE

Quant Time: Sep 26 02:33:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	98037	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	487000	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	407314	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	202814	30.06	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.20%
60) 4-Bromofluorobenzene	12.40	95	144391	24.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.50%
63) Toluene-d8	10.09	98	571155	29.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.50%

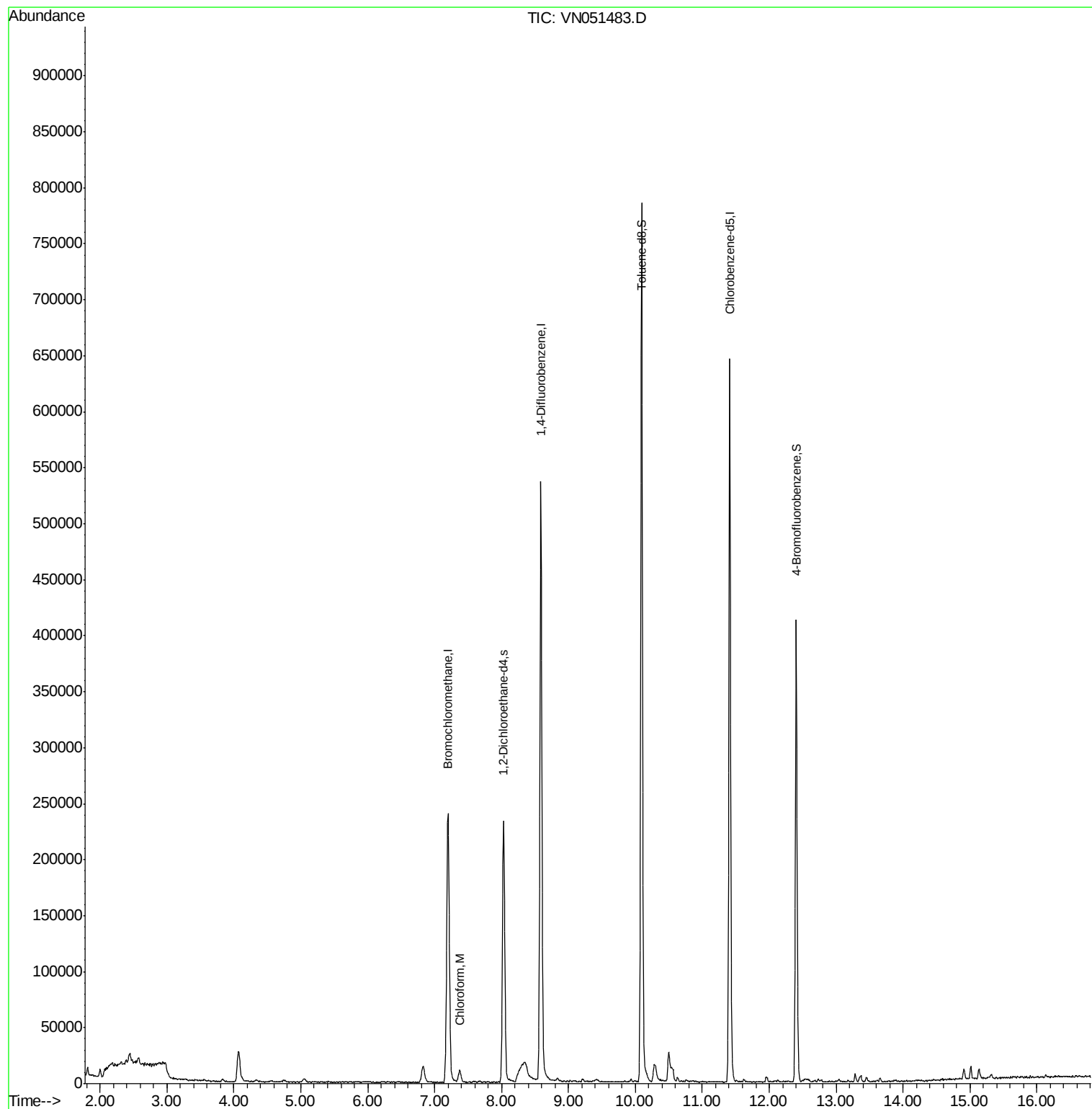
Target Compounds					Ovalue
25) Chloroform	7.38	83	11162	1.146 ug/l	99

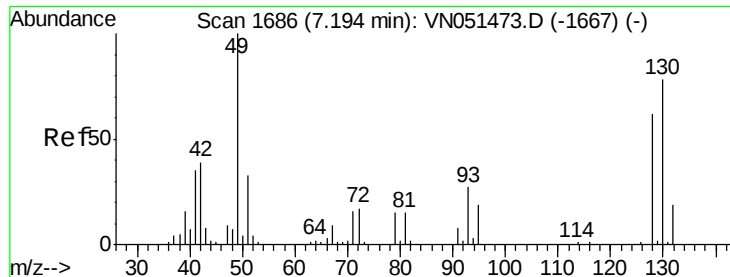
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051483.D

Acq: 25 Sep 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1RE

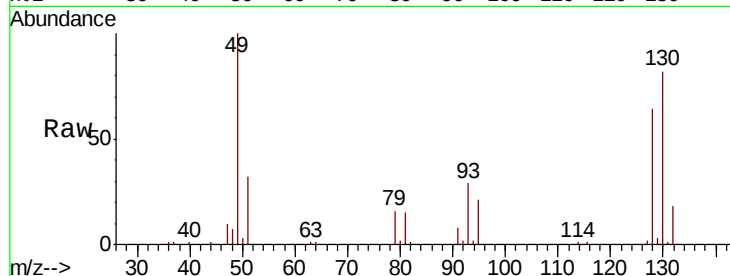
Tot Ion:128 Resp: 98037

Ion Ratio Lower Upper

128 100

49 159.0 0.0 403.3

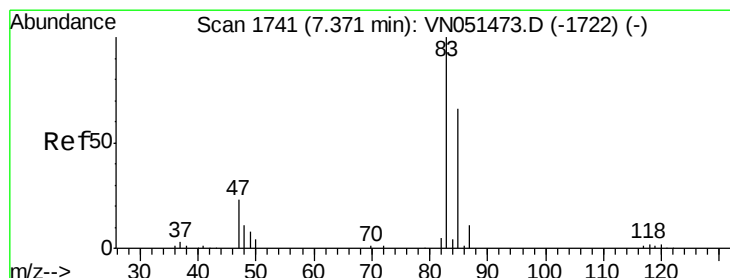
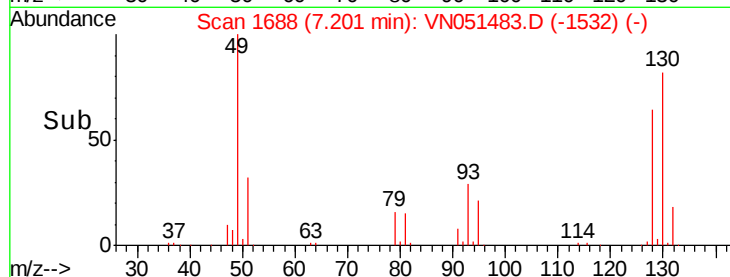
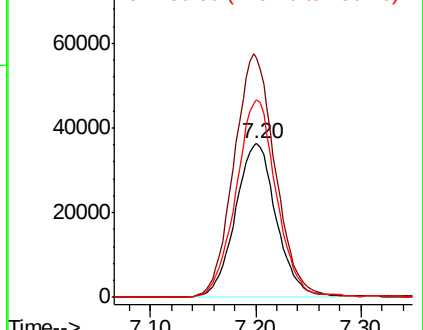
130 126.6 0.0 326.0



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



#25

Chloroform

Concen: 1.146 ug/l

RT: 7.38 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VN051483.D

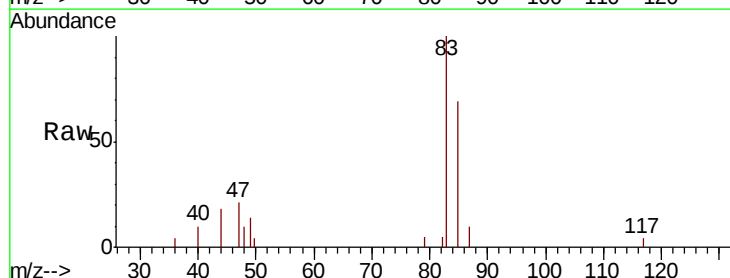
Acq: 25 Sep 2018 14:26

Tgt Ion: 83 Resp: 11162

Ion Ratio Lower Upper

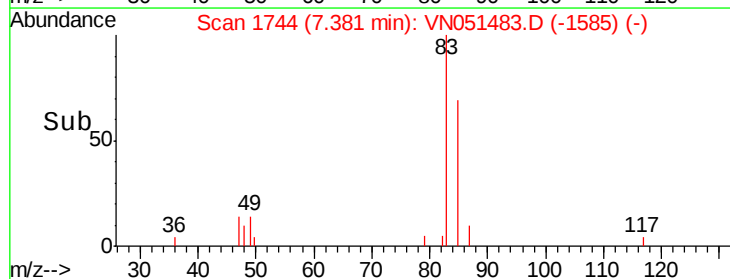
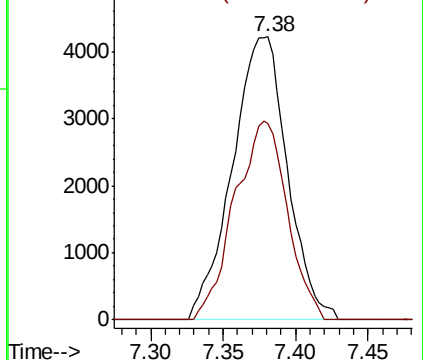
83 100

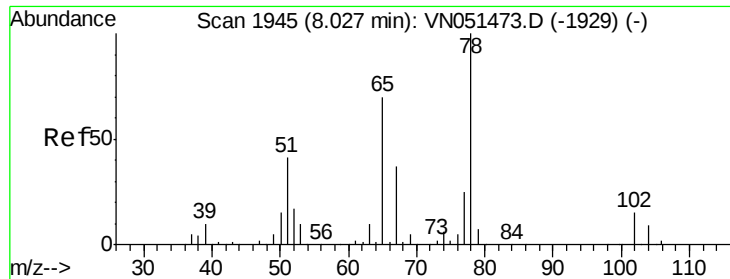
85 69.2 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

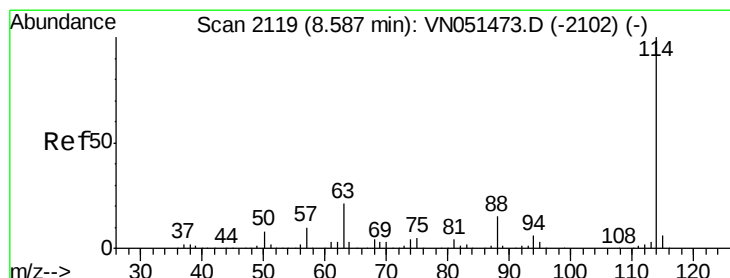
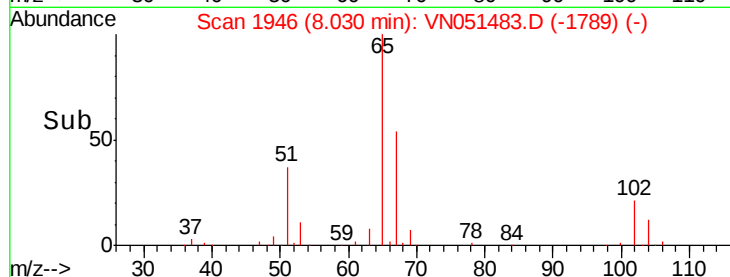
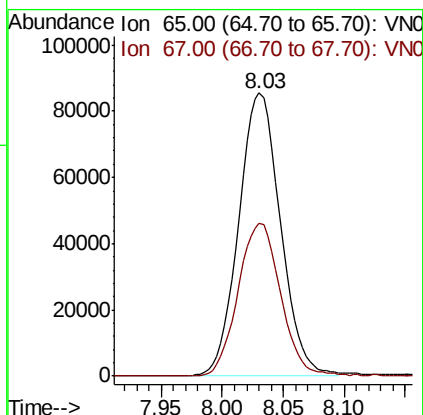
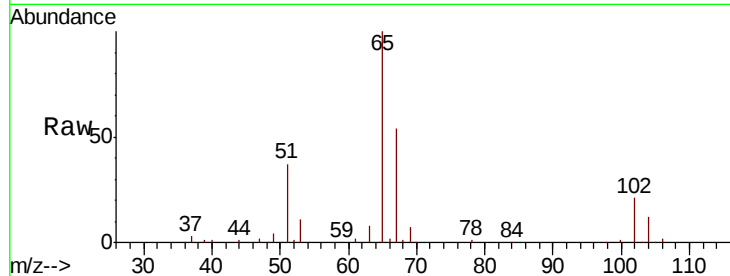




#27
 1,2-Dichloroethane-d4
 Concen: 30.059 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051483.D
 Acq: 25 Sep 2018 14:26

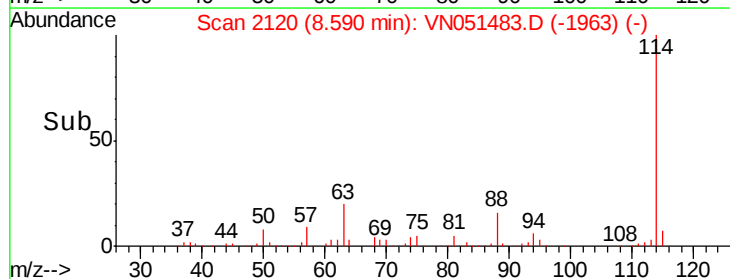
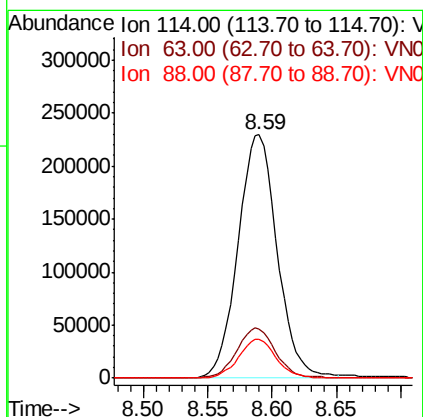
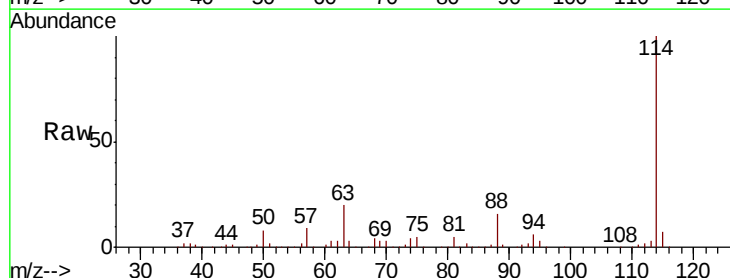
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1RE

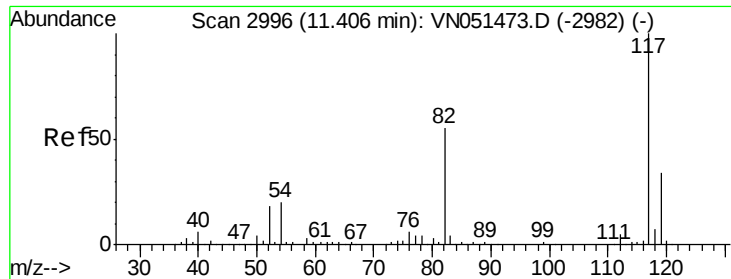
Tot Ion: 65 Resp: 202814
 Ion Ratio Lower Upper
 65 100
 67 54.9 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051483.D
 Acq: 25 Sep 2018 14:26

Tgt Ion: 114 Resp: 487000
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.2 24.2
 88 15.2 12.2 18.4

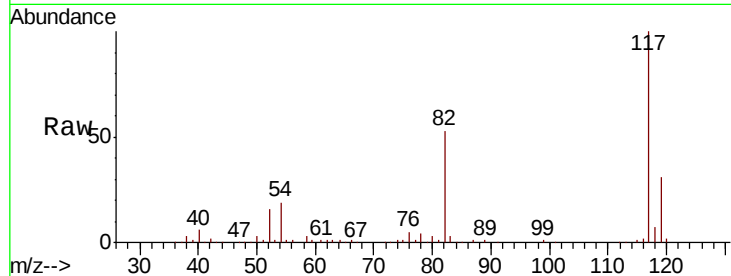




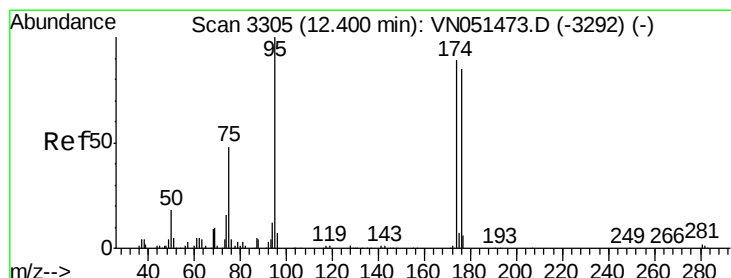
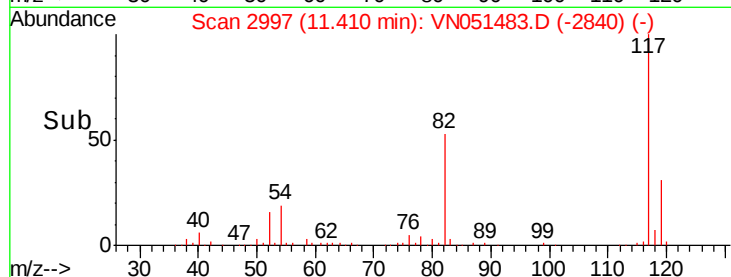
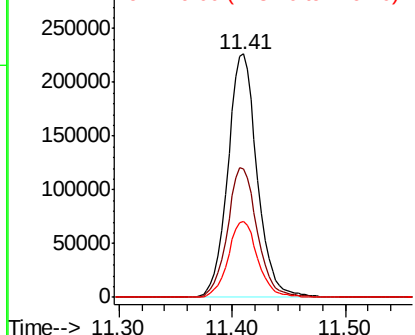
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051483.D
Acq: 25 Sep 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
SPDES-1RE

Tot Ion:117 Resp: 407314
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 31.5 25.8 38.8

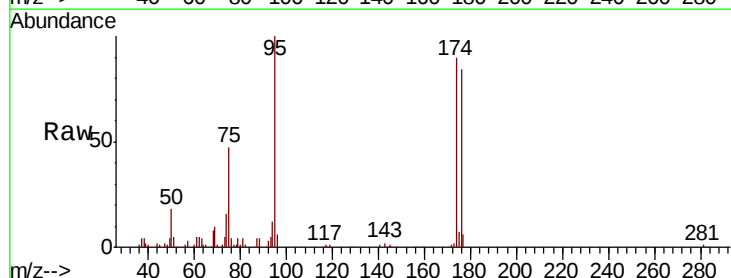


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

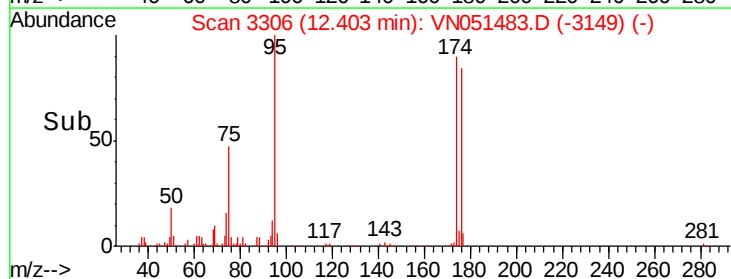
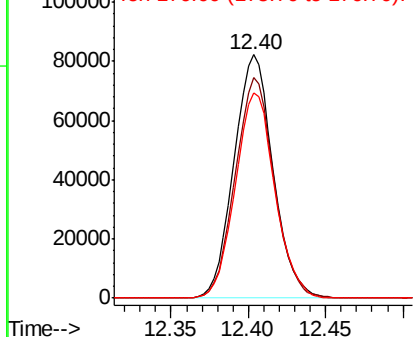


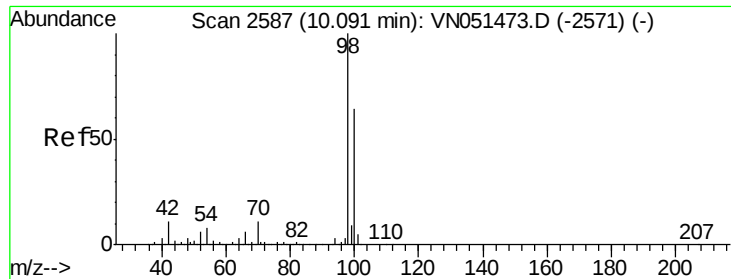
#60
4-Bromofluorobenzene
Concen: 24.146 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051483.D
Acq: 25 Sep 2018 14:26

Tgt Ion: 95 Resp: 144391
Ion Ratio Lower Upper
95 100
174 90.0 73.5 110.3
176 85.3 70.2 105.2



Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 29.246 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051483.D

Acq: 25 Sep 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1RE

Tot Ion: 98 Resp: 571155

Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2

