

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055141.D
 Acq On : 19 Apr 2019 14:47
 Operator : JC/SP
 Sample : K2479-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-8-9

Quant Time: Apr 20 04:17:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	67265	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	352231	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	286853	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	159465	31.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.67%
60) 4-Bromofluorobenzene	12.40	95	96482	21.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	72.00%
63) Toluene-d8	10.09	98	418519	30.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.30%

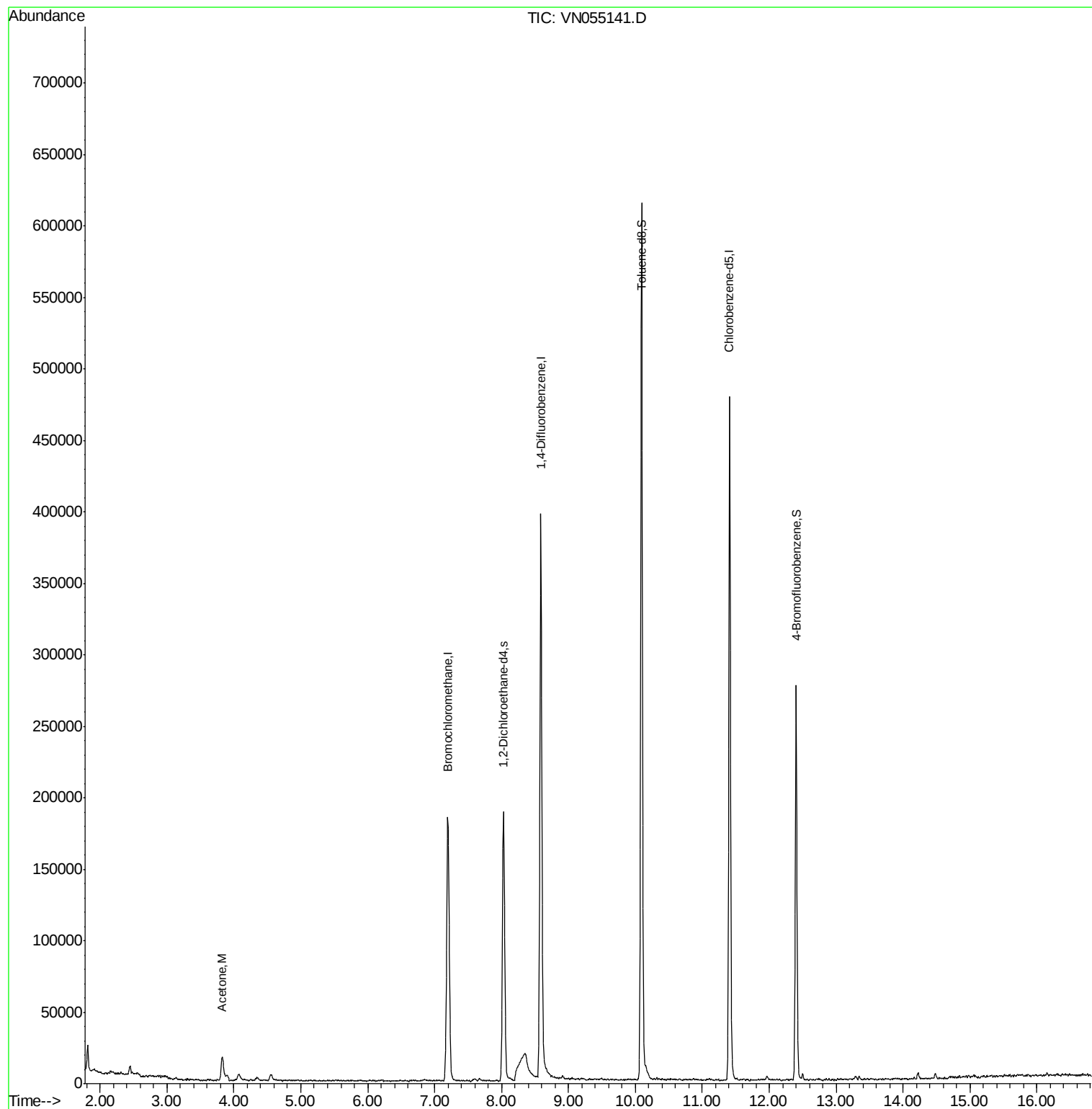
Target Compounds					Ovalue
15) Acetone	3.82	58	7479	20.095 ug/l	71

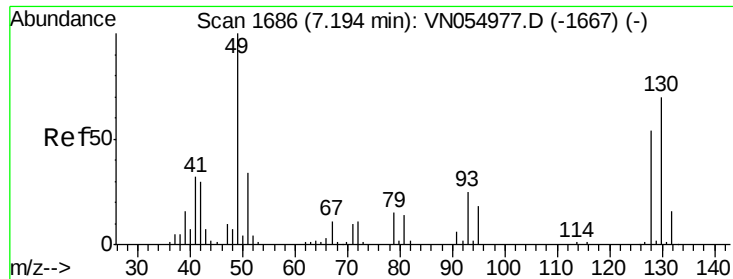
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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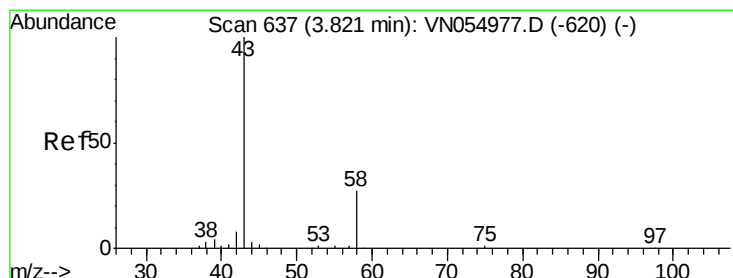
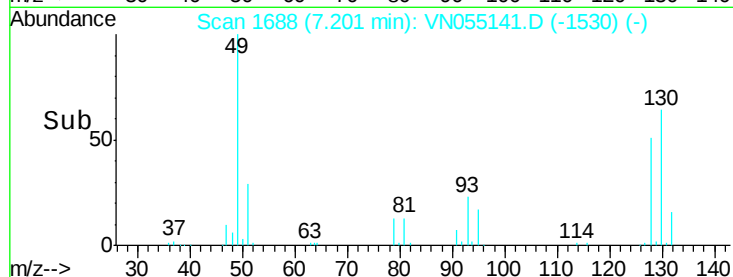
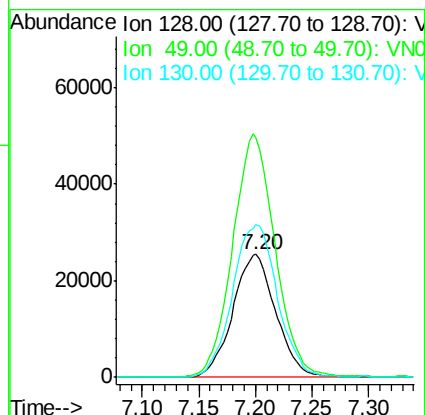
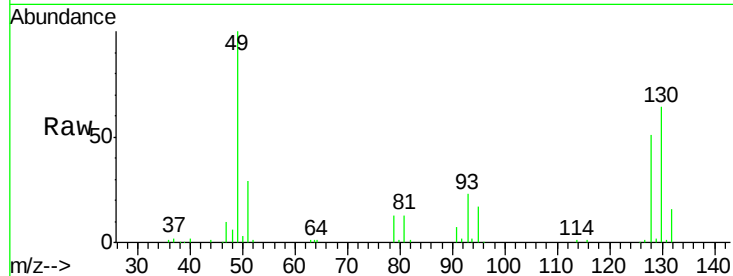




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. 0.01 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

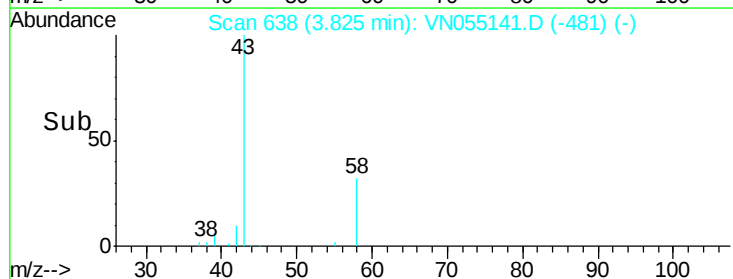
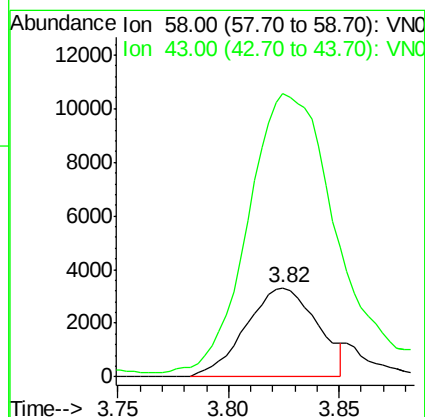
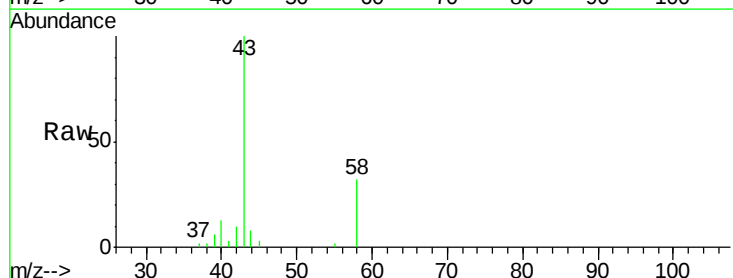
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-8-9

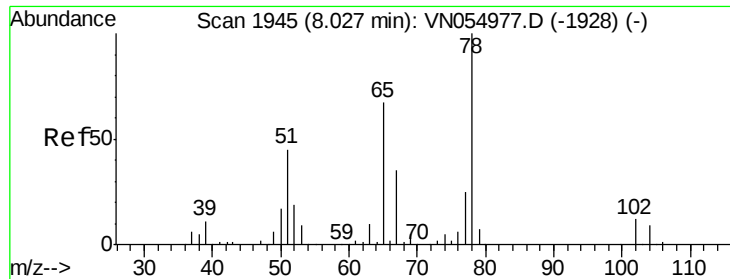
Tot Ion:128 Resp: 67265
 Ion Ratio Lower Upper
 128 100
 49 195.2 0.0 480.3
 130 130.2 0.0 322.2



#15
 Acetone
 Concen: 20.095 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

Tgt Ion: 58 Resp: 7479
 Ion Ratio Lower Upper
 58 100
 43 306.0 297.2 445.8

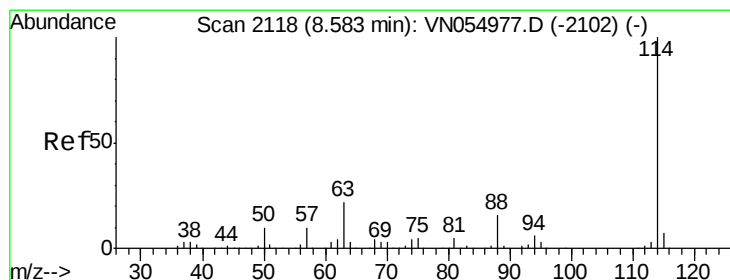
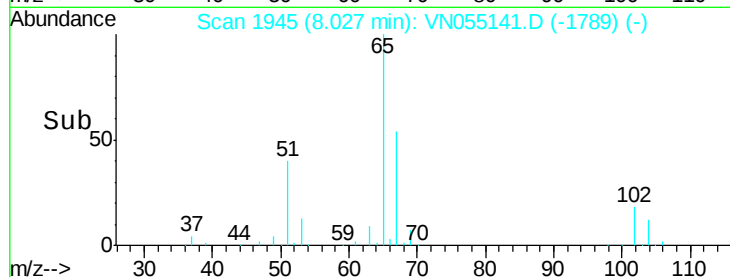
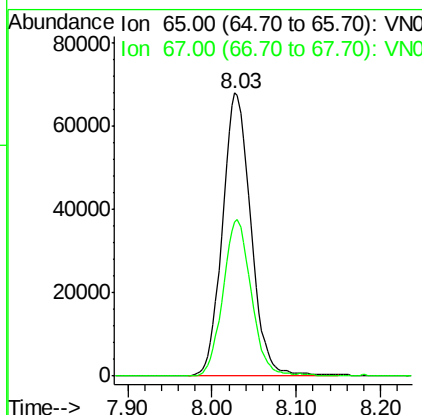
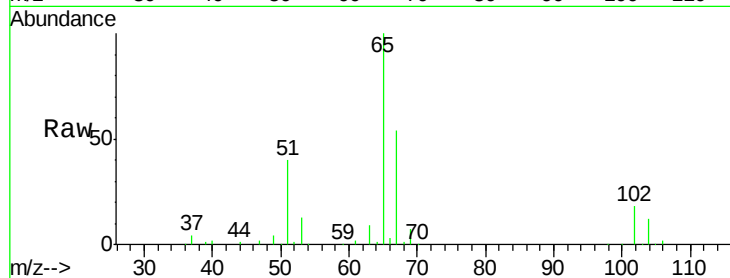




#27
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

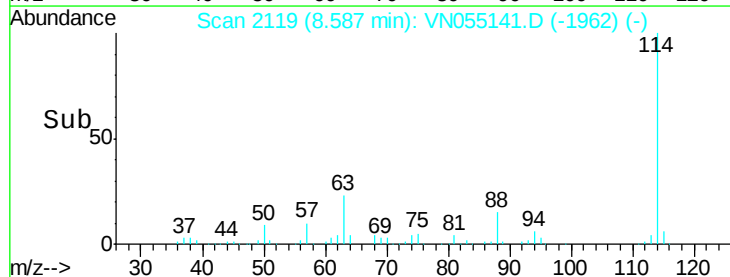
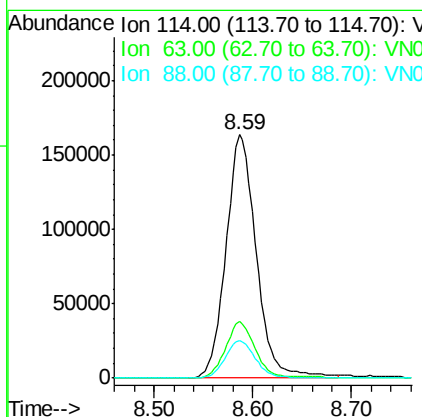
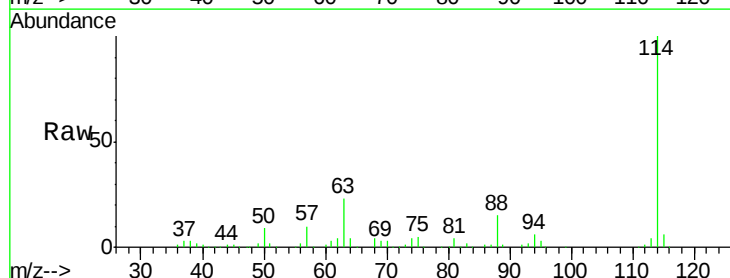
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-8-9

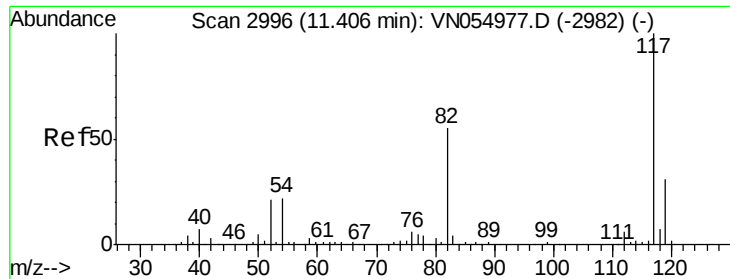
Tot Ion: 65 Resp: 159465
 Ion Ratio Lower Upper
 65 100
 67 54.5 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

Tgt Ion: 114 Resp: 352231
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.0 25.4
 88 15.5 12.3 18.5

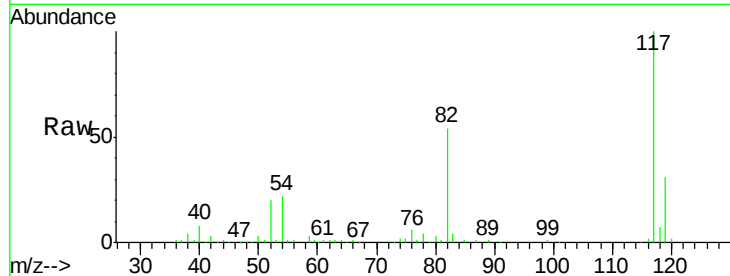




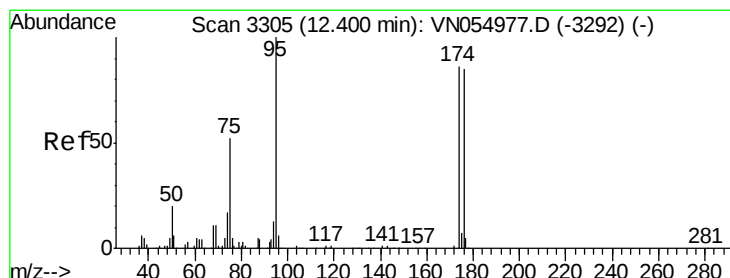
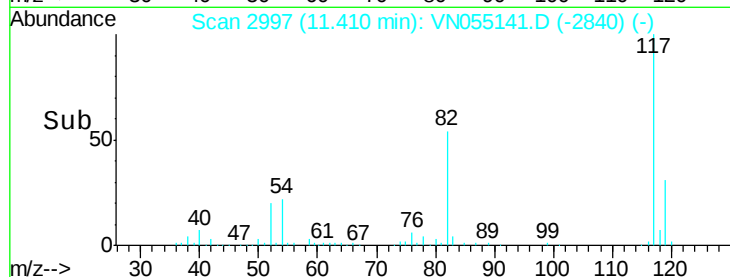
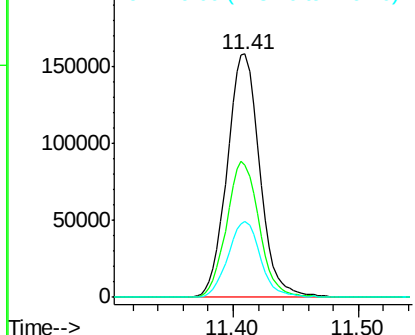
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055141.D
Acq: 19 Apr 2019 14:47

Instrument :
MSVOA_N
ClientSampleId :
TP-TRACK-8-9

Tot Ion:117 Resp: 286853
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.0 25.4 38.2

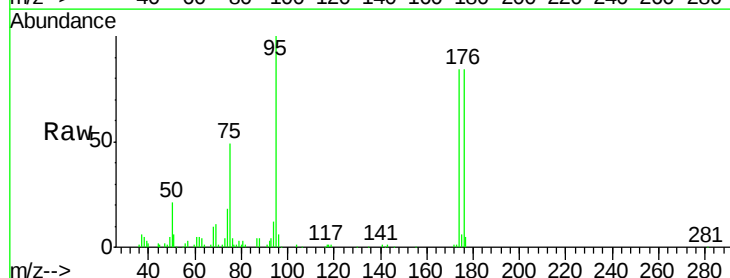


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

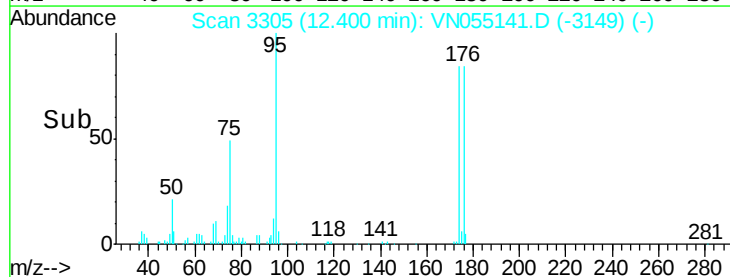
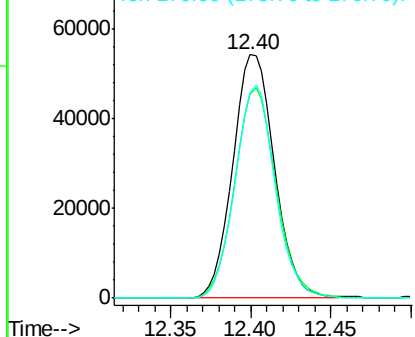


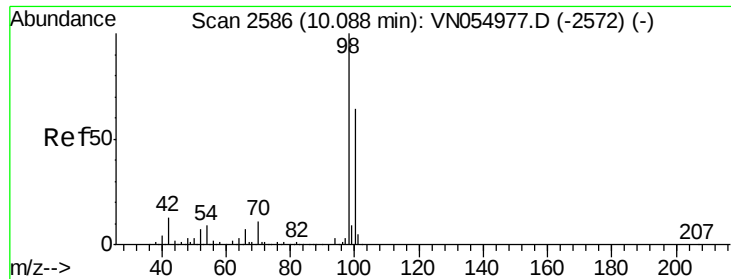
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055141.D
Acq: 19 Apr 2019 14:47

Tgt Ion: 95 Resp: 96482
Ion Ratio Lower Upper
95 100
174 85.3 69.4 104.2
176 83.6 67.4 101.2



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: Below ua/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055141.D

Acq: 19 Apr 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-8-9

Tot Ion: 98 Resp: 418519

Ion Ratio Lower Upper

98 100

100 65.1 51.1 76.7

