

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 03:39:53 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

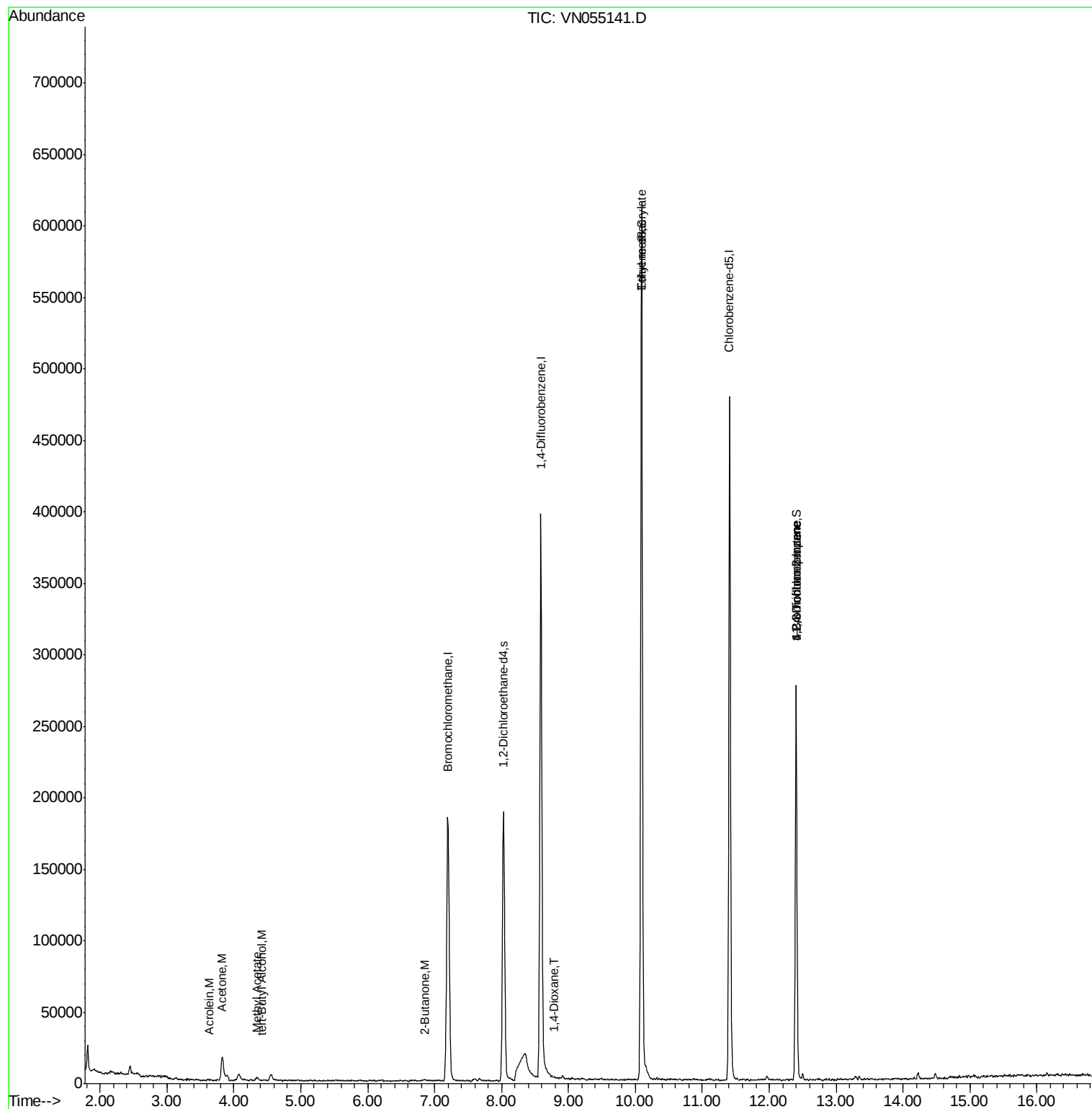
					Ovalue	
12) Methyl Acetate	4.34	43	3561	0.970	ug/l	95
13) Acrolein	3.63	56	100	0.311	ug/l #	74
15) Acetone	3.82	58	7479	20.095	ug/l	71
23) tert-Butyl Alcohol	4.42	59	68	0.284	ug/l #	100
30) 2-Butanone	6.85	43	651	0.358	ug/l #	59
45) 1,4-Dioxane	8.79	88	65	1.866	ug/l #	1
51) Ethyl methacrylate	10.09	69	1476	0.359	ug/l	84
72) 1,2,3-Trichloropropane	12.40	75	48010	15.275	ug/l	1
77) t-1,4-Dichloro-2-butene	12.40	75	48010	60.599	ug/l #	1

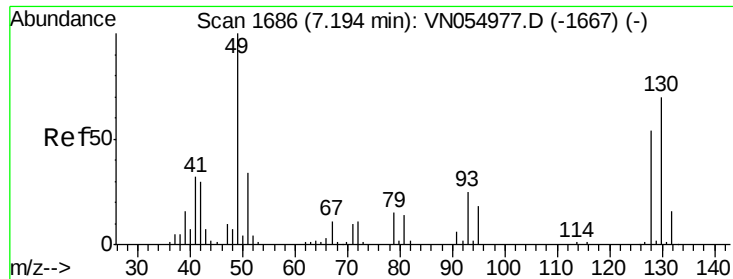
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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TP-TRACK-8-9

Quant Time: Apr 20 03:39:53 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





#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

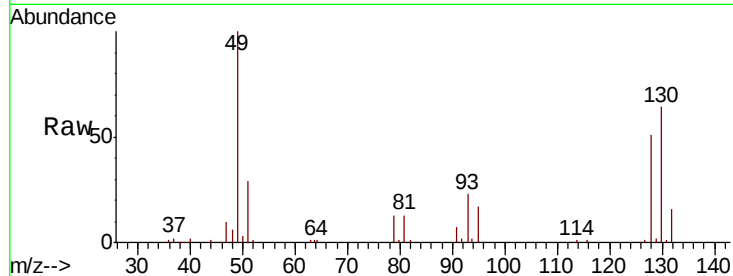
Tot Ion:128 Resp: 67265

Ion Ratio Lower Upper

128 100

49 195.2 0.0 480.3

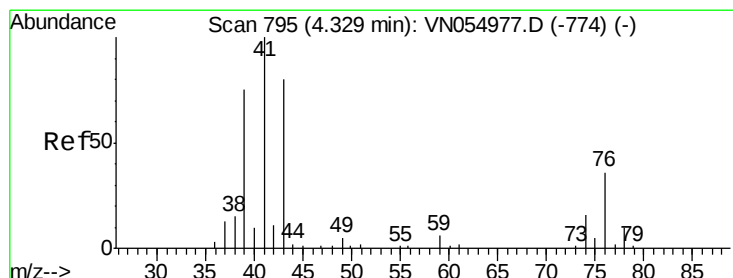
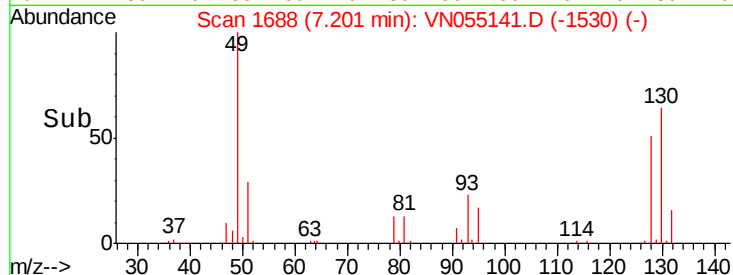
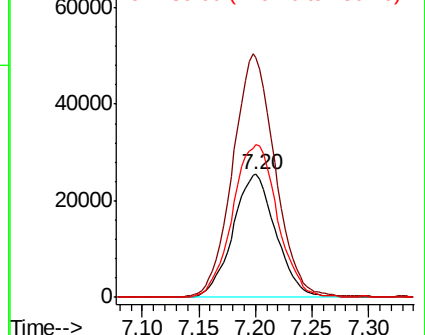
130 130.2 0.0 322.2



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



#12

Methyl Acetate

Concen: 0.970 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN055141.D

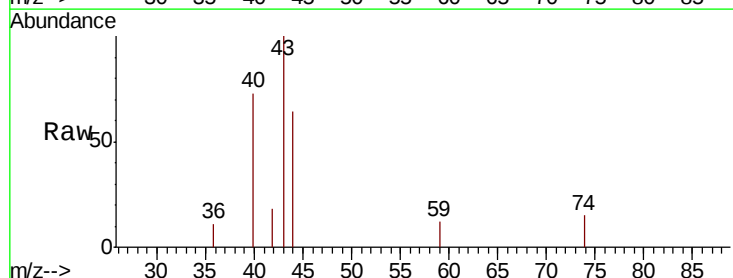
Acq: 19 Apr 2019 14:47

Tgt Ion: 43 Resp: 3561

Ion Ratio Lower Upper

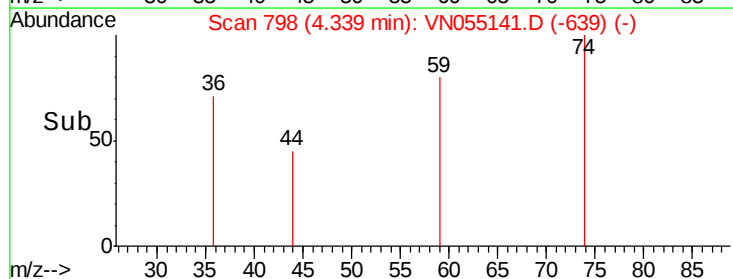
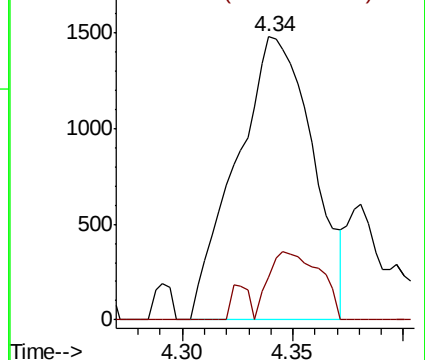
43 100

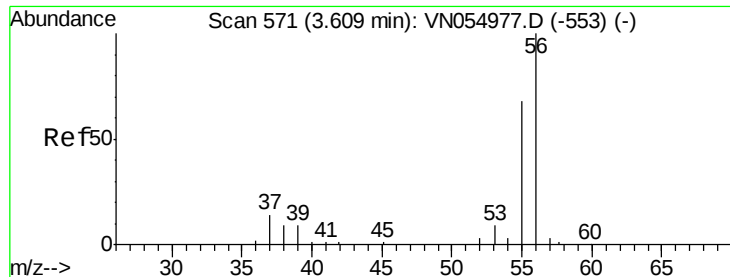
74 17.9 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#13

Acrolein

Concen: 0.311 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.02 min

Lab File: VN055141.D

Acq: 19 Apr 2019 14:47

Instrument :

MSVOA_N

ClientSampleId :

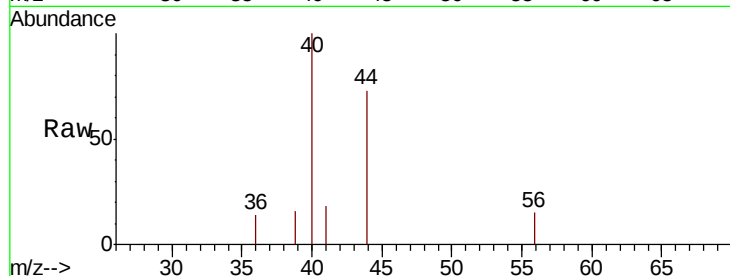
TP-TRACK-8-9

Tot Ion: 56 Resp: 100

Ion Ratio Lower Upper

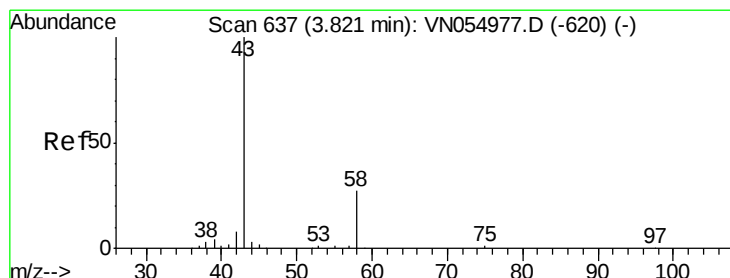
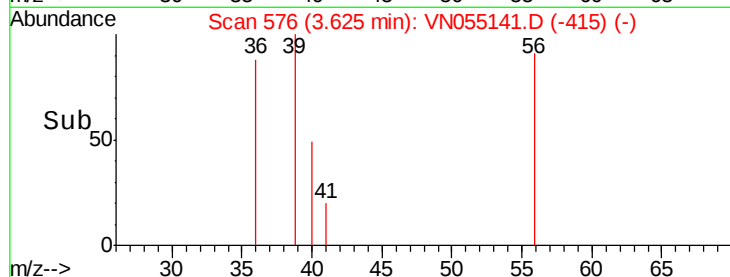
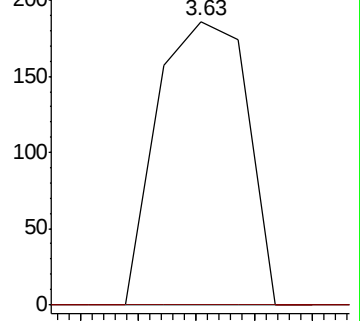
56 100

55 93.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#15

Acetone

Concen: 20.095 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055141.D

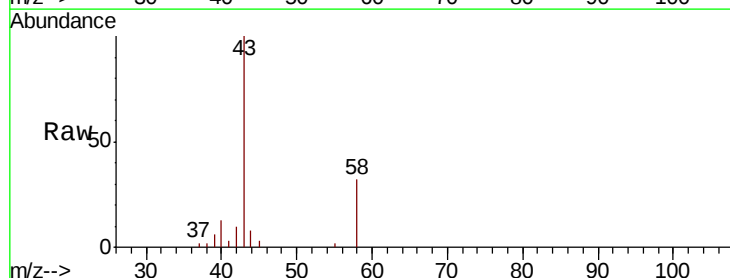
Acq: 19 Apr 2019 14:47

Tgt Ion: 58 Resp: 7479

Ion Ratio Lower Upper

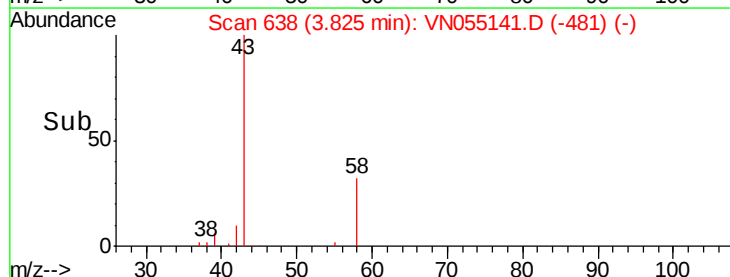
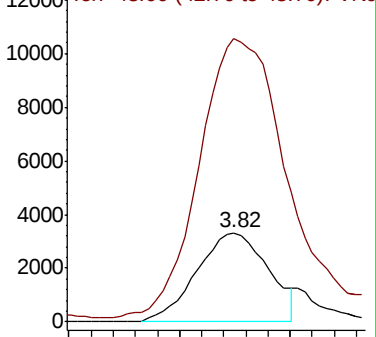
58 100

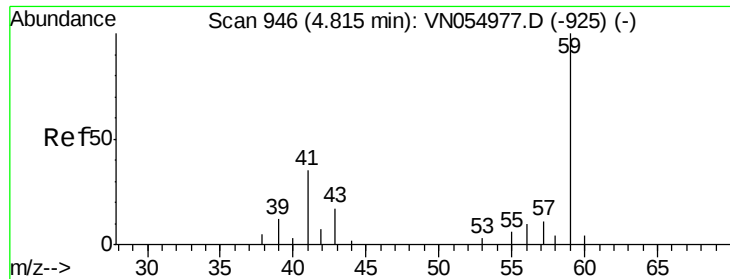
43 306.0 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

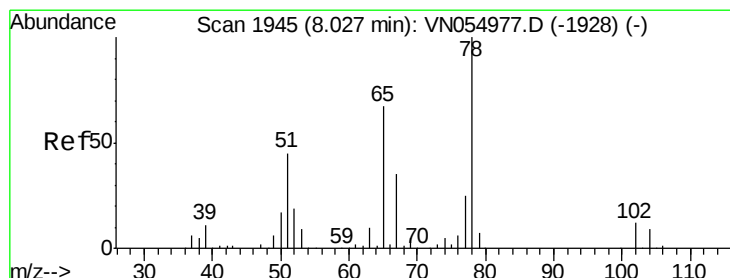
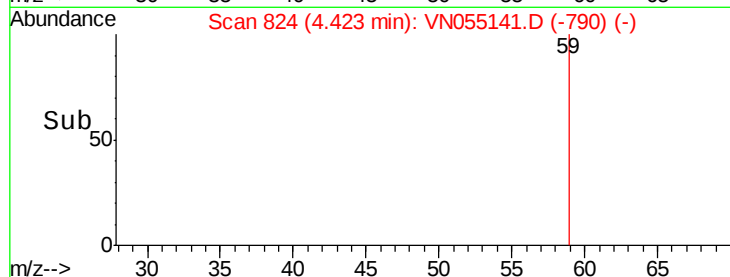
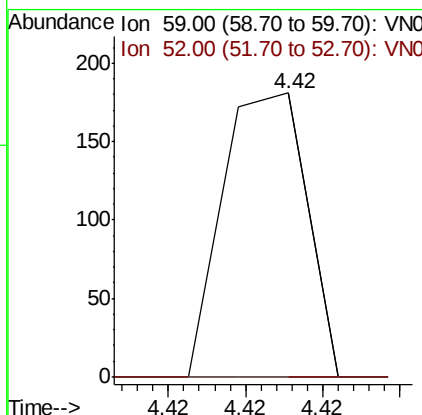
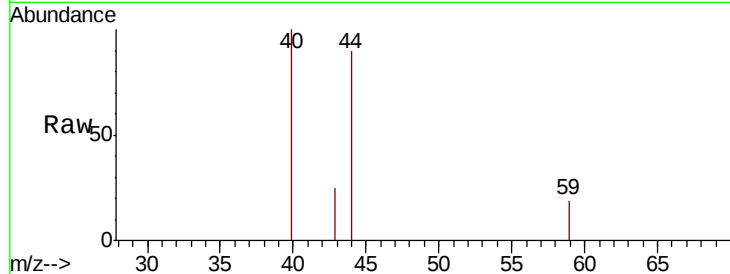




#23
 tert-Butyl Alcohol
 Concen: 0.284 ug/l
 RT: 4.42 min Scan# 824
 Delta R.T. -0.39 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

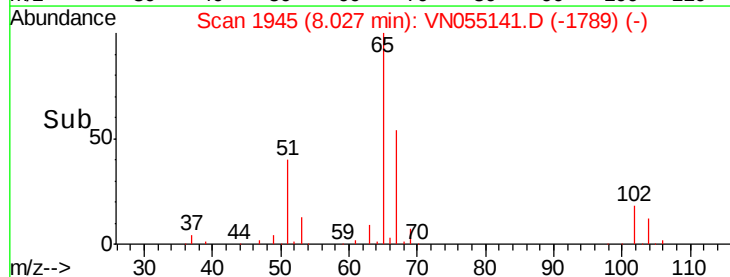
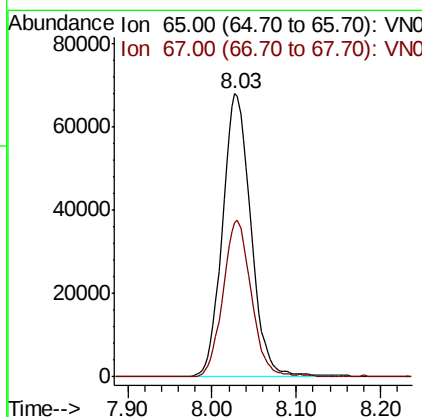
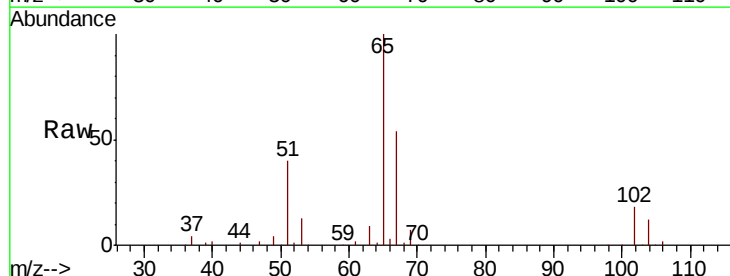
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-8-9

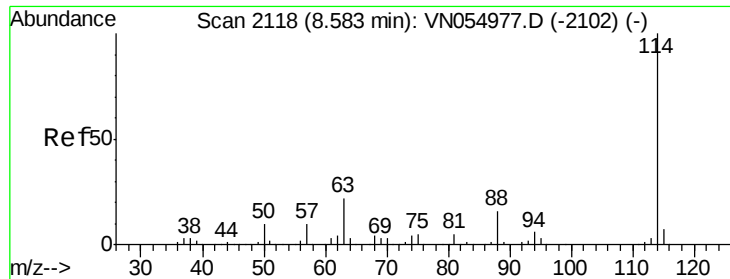
Tot Ion: 59 Resp: 68
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#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

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

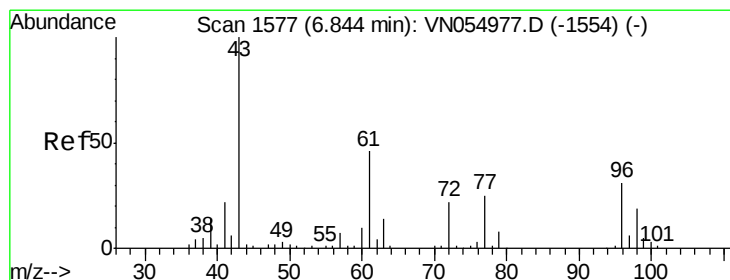
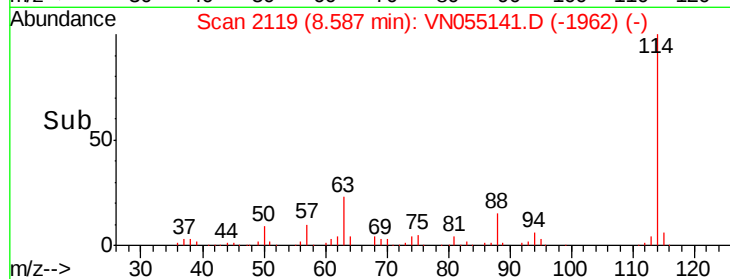
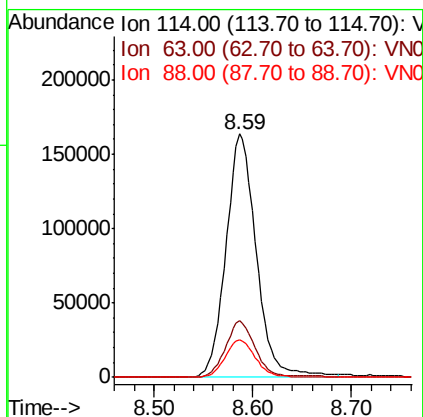
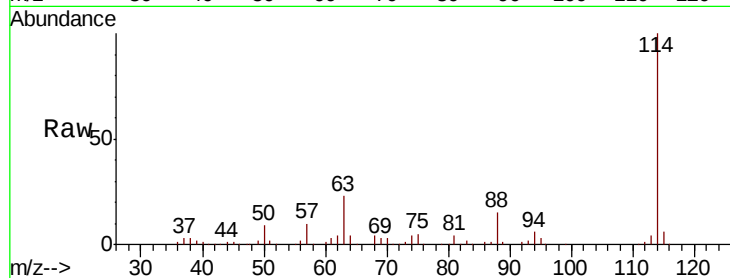




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

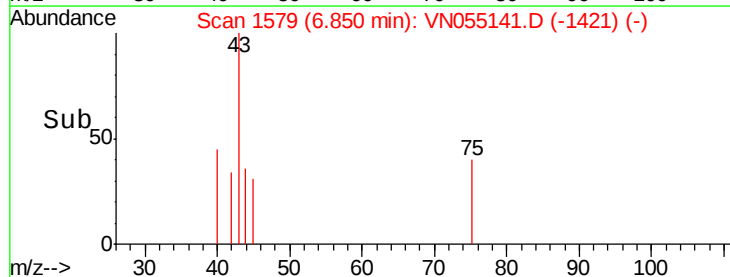
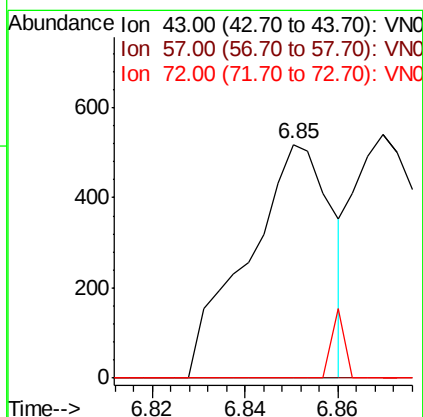
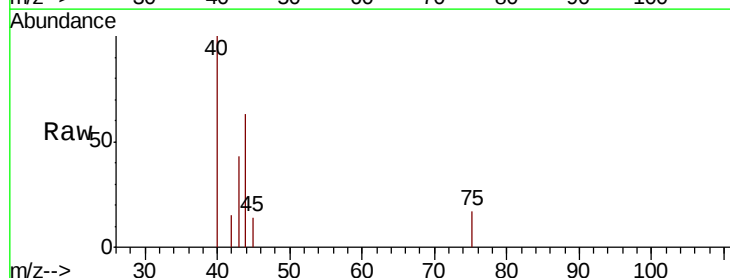
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-8-9

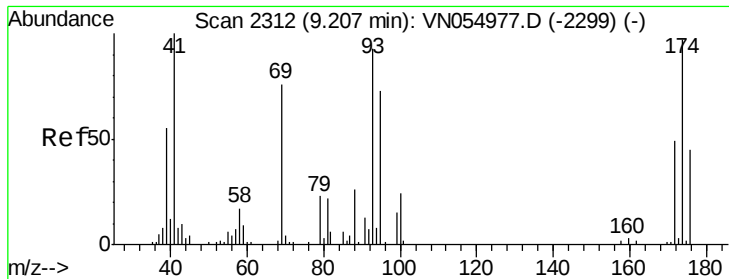
Tot Ion:114 Resp: 352231
 Ion Ratio Lower Upper
 114 100
 63 22.3 17.0 25.4
 88 15.5 12.3 18.5



#30
 2-Butanone
 Concen: 0.358 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

Tgt Ion: 43 Resp: 651
 Ion Ratio Lower Upper
 43 100
 57 0.0 6.0 9.0#
 72 0.0 18.6 27.8#

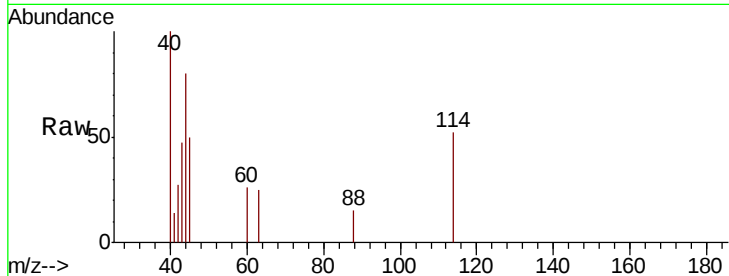




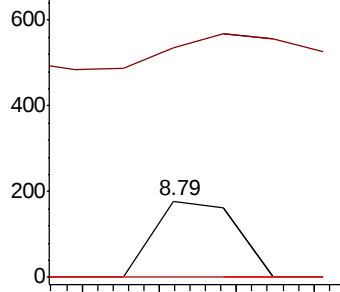
#45
 1,4-Dioxane
 Concen: 1.866 ug/l
 RT: 8.79 min Scan# 2181
 Delta R.T. -0.42 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

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

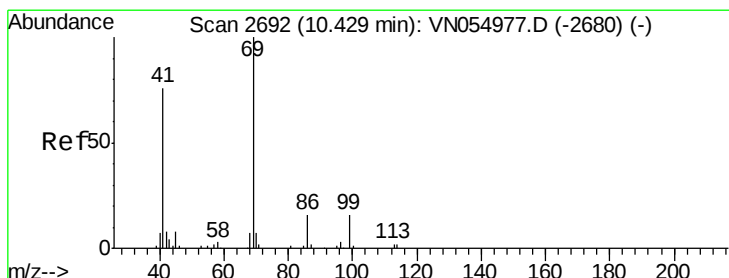
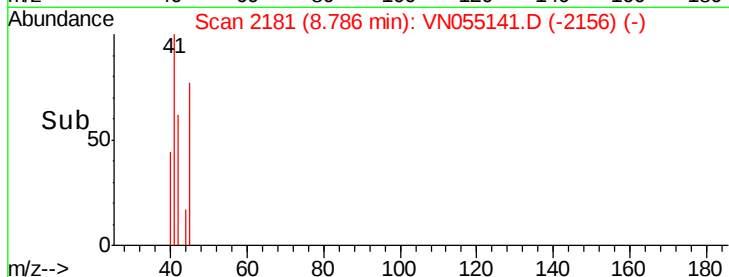
Tot Ion: 88 Resp: 65
 Ion Ratio Lower Upper
 88 100
 43 147.7 34.5 51.7#
 58 0.0 60.3 90.5#



Abundance Ion 88.00 (87.70 to 88.70): VNO
 Ion 43.00 (42.70 to 43.70): VNO
 Ion 58.00 (57.70 to 58.70): VNO

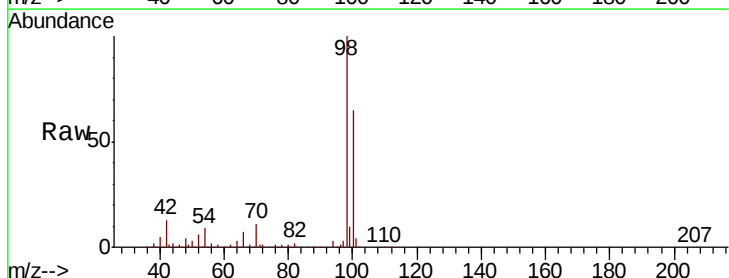


Time-->

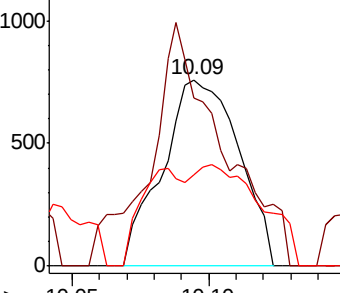


#51
 Ethyl methacrylate
 Concen: 0.359 ug/l
 RT: 10.09 min Scan# 2588
 Delta R.T. -0.33 min
 Lab File: VN055141.D
 Acq: 19 Apr 2019 14:47

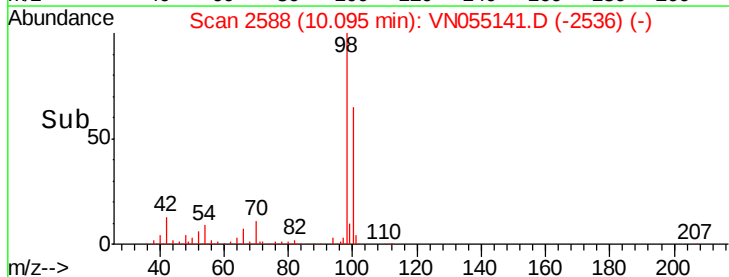
Tgt Ion: 69 Resp: 1476
 Ion Ratio Lower Upper
 69 100
 41 61.5 37.9 113.7
 39 48.9 19.8 59.4

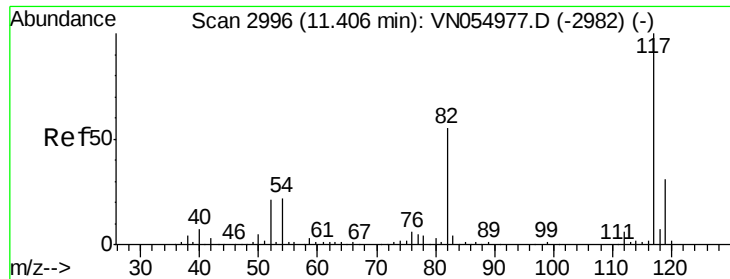


Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



Time-->

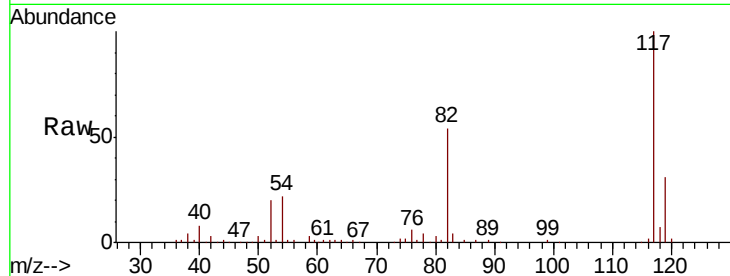




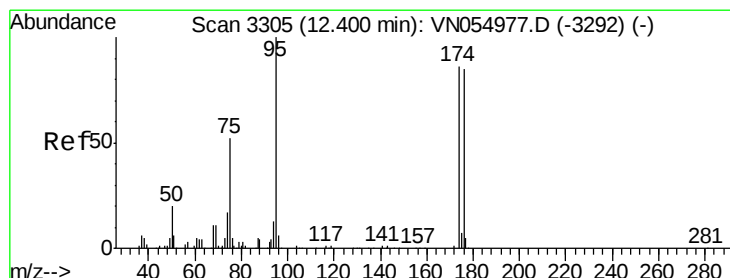
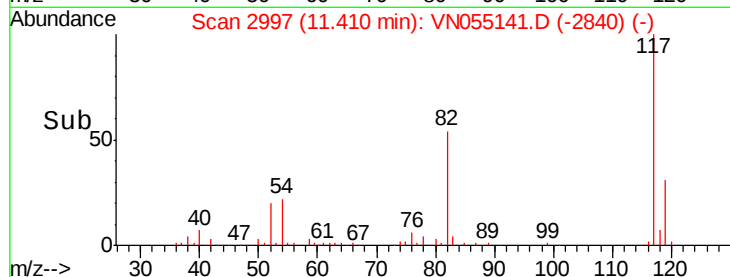
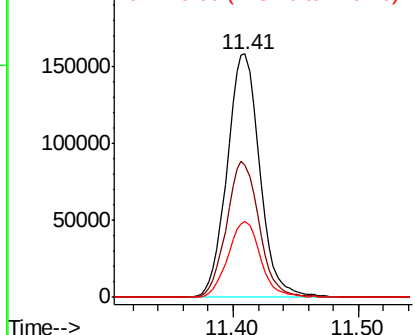
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055141.D
Acq: 19 Apr 2019 14:47

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

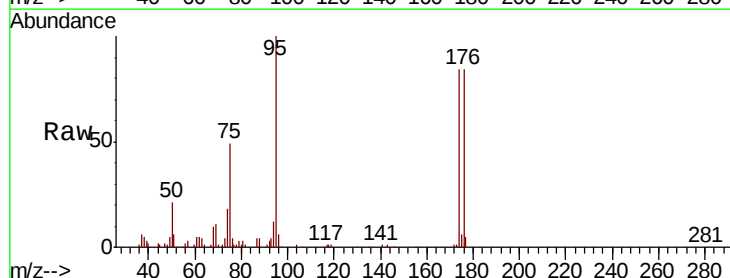


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

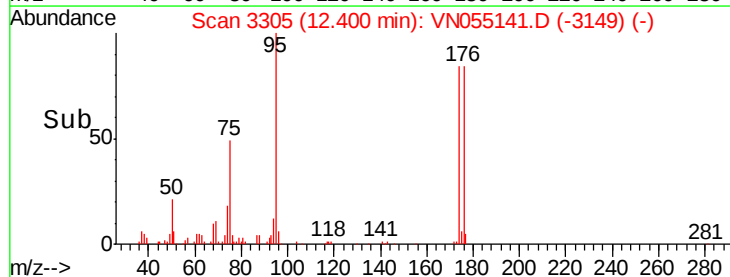
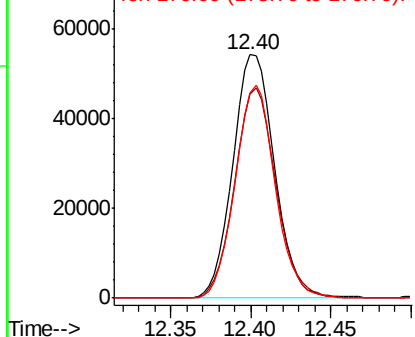


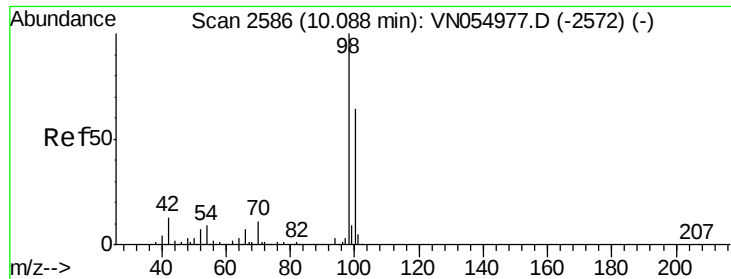
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055141.D
Acq: 19 Apr 2019 14:47

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 ug/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 :

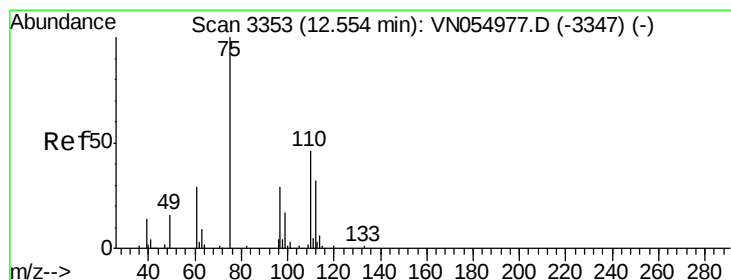
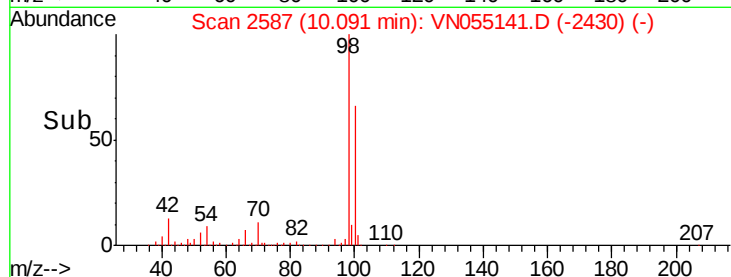
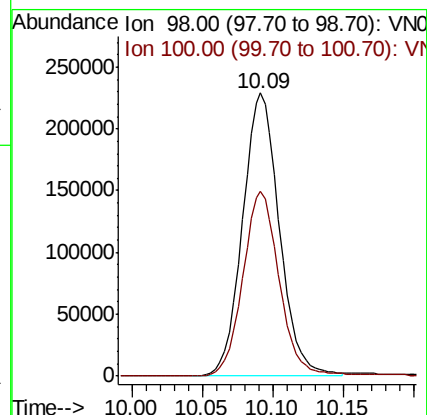
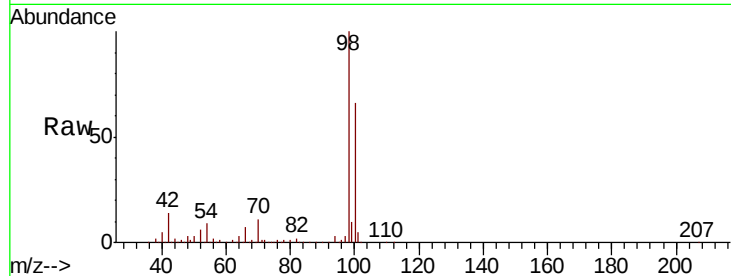
TP-TRACK-8-9

Tot Ion: 98 Resp: 418519

Ion Ratio Lower Upper

98 100

100 65.1 51.1 76.7



#72

1,2,3-Trichloropropane

Concen: 15.275 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055141.D

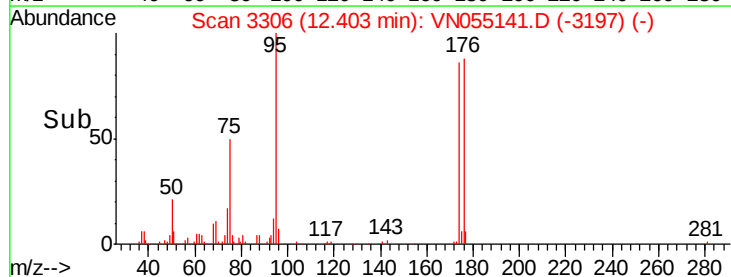
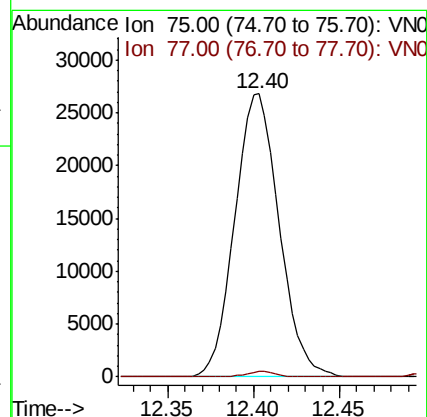
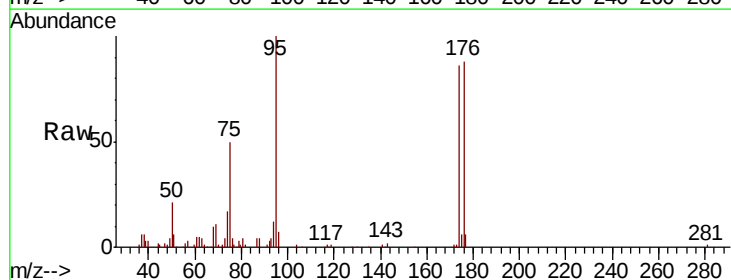
Acq: 19 Apr 2019 14:47

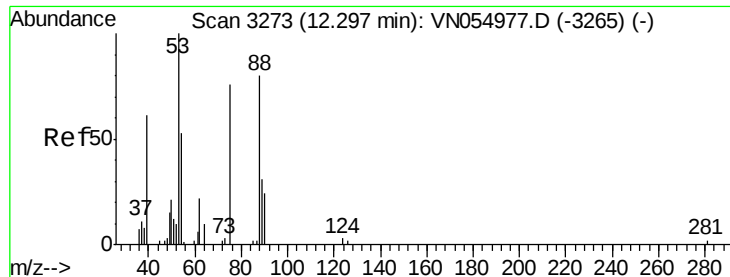
Tgt Ion: 75 Resp: 48010

Ion Ratio Lower Upper

75 100

77 1.2 0.0 466.6





#77
t-1,4-Dichloro-2-butene
Concen: 60.599 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.11 min
Lab File: VN055141.D
Acq: 19 Apr 2019 14:47

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

Tot Ion: 75 Resp: 48010
Ion Ratio Lower Upper
75 100
53 0.0 64.3 192.7#
89 0.0 21.6 65.0#

