

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055139.D
 Acq On : 19 Apr 2019 13:57
 Operator : JC/SP
 Sample : K2479-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-74-74

Quant Time: Apr 20 03:39:37 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	71691	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	362427	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	281985	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	164132	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	12.40	95	94540	21.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.80%
63) Toluene-d8	10.09	98	438503	32.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.03%

Target Compounds

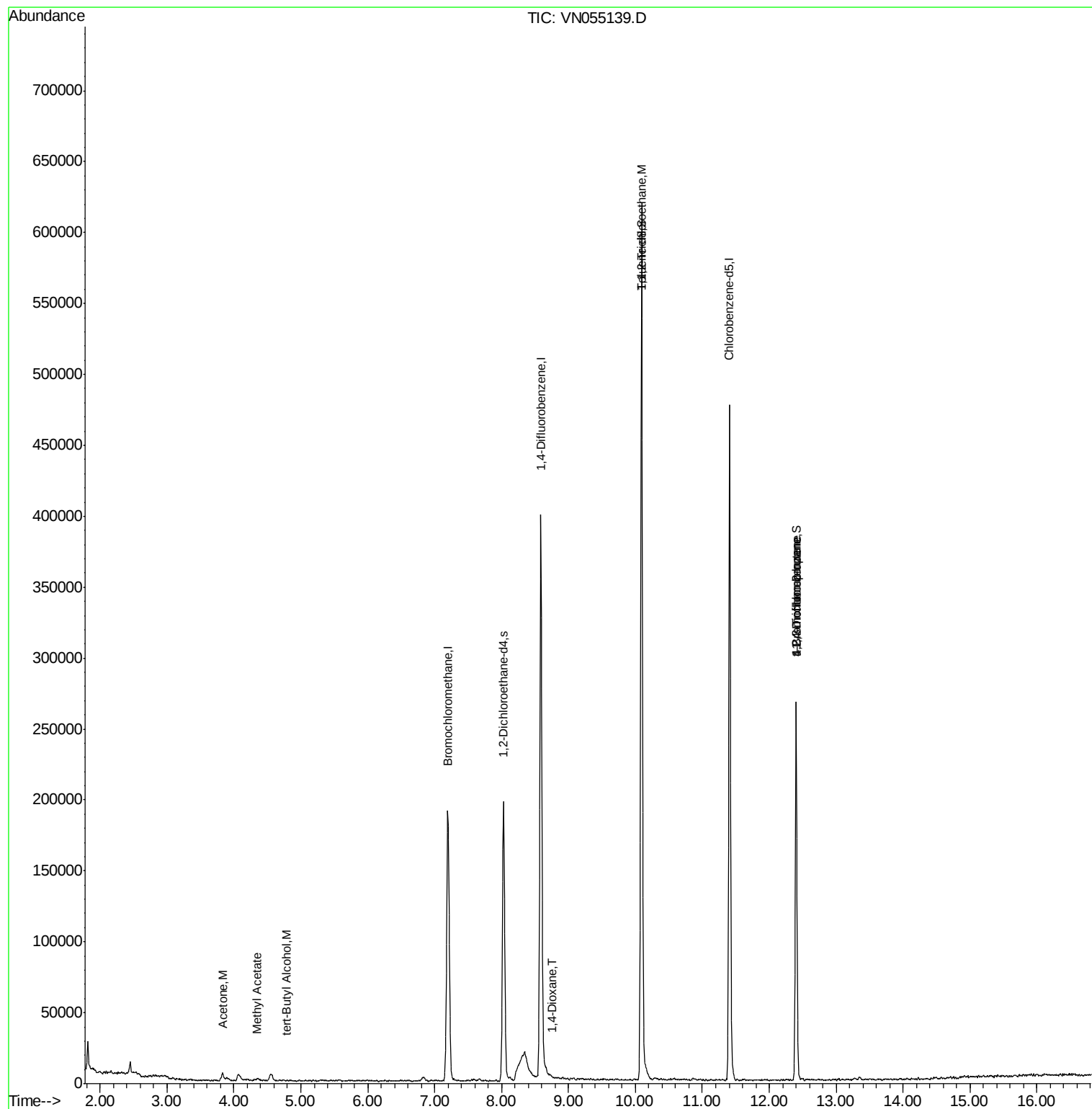
					Ovalue	
12) Methyl Acetate	4.34	43	1380	0.353	ug/l #	56
15) Acetone	3.82	58	1046	2.637	ug/l #	32
23) tert-Butyl Alcohol	4.79	59	129	0.505	ug/l #	100
45) 1,4-Dioxane	8.77	88	61	1.702	ug/l #	1
50) 1,1,2-Trichloroethane	10.10	97	14958	4.219	ug/l #	1
72) 1,2,3-Trichloropropane	12.40	75	47123	15.251	ug/l	1
77) t-1,4-Dichloro-2-butene	12.40	75	47123	60.506	ug/l #	1

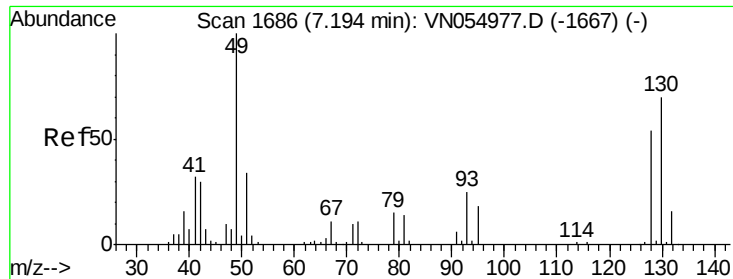
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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TP-TRACK-74-74

Quant Time: Apr 20 03:39:37 2019
Quant Method : Z:\V0ASRV\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: VN055139.D

Acq: 19 Apr 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-74-74

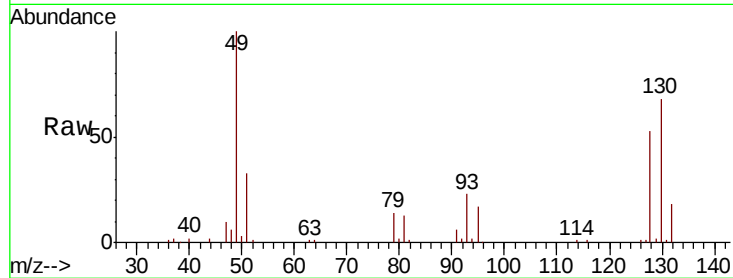
Tot Ion:128 Resp: 71691

Ion Ratio Lower Upper

128 100

49 190.2 0.0 480.3

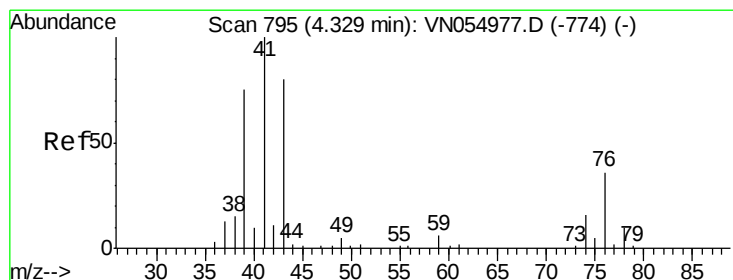
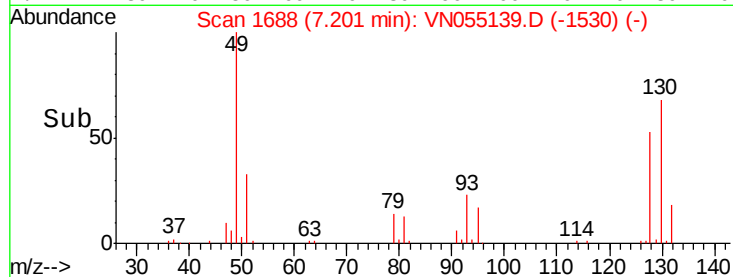
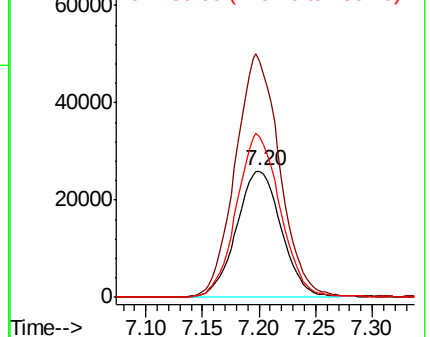
130 126.3 0.0 322.2



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: 0.353 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.01 min

Lab File: VN055139.D

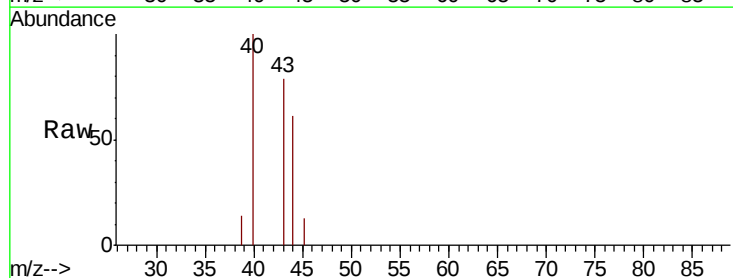
Acq: 19 Apr 2019 13:57

Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

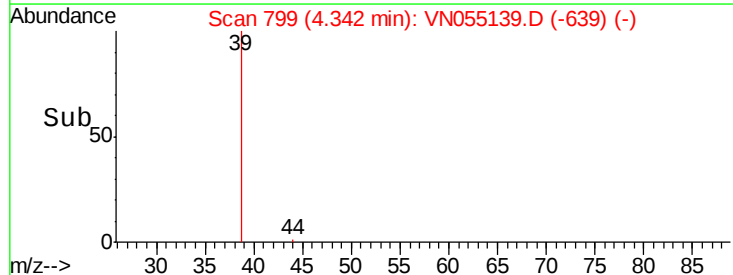
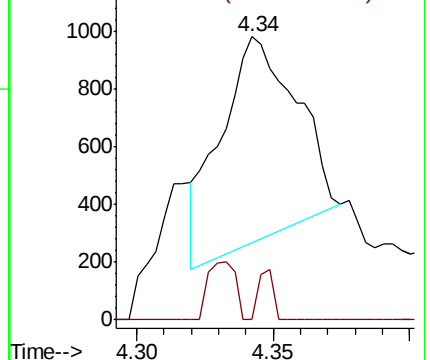
43 100

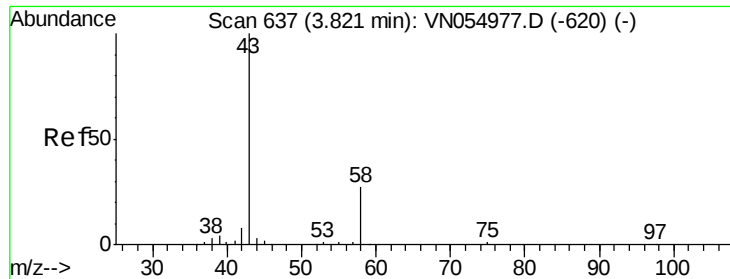
74 0.0 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#15

Acetone

Concen: 2.637 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055139.D

Acq: 19 Apr 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

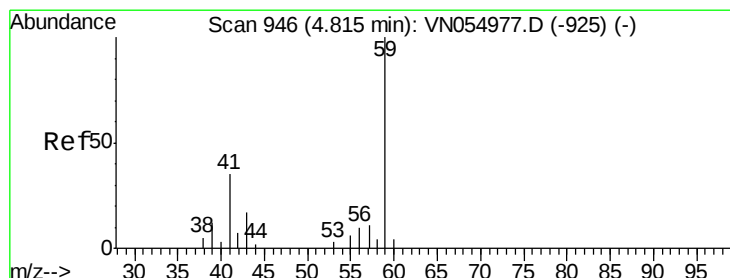
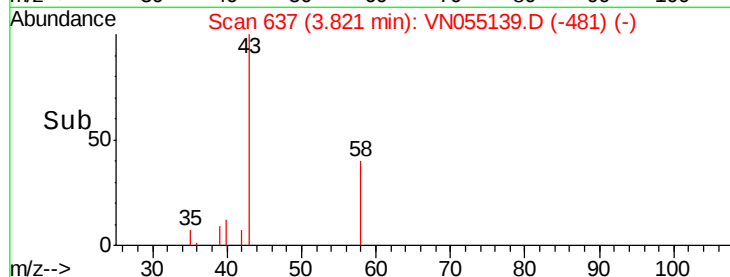
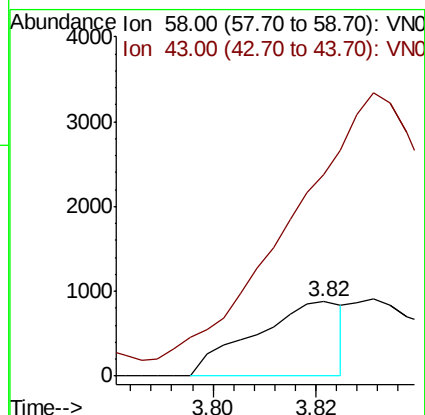
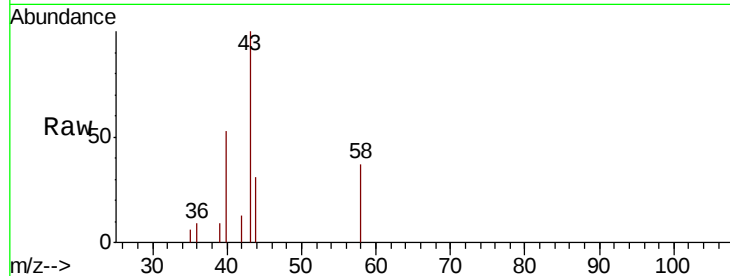
TP-TRACK-74-74

Tot Ion: 58 Resp: 1046

Ion Ratio Lower Upper

58 100

43 218.6 297.2 445.8#



#23

tert-Butyl Alcohol

Concen: 0.505 ug/l

RT: 4.79 min Scan# 937

Delta R.T. -0.03 min

Lab File: VN055139.D

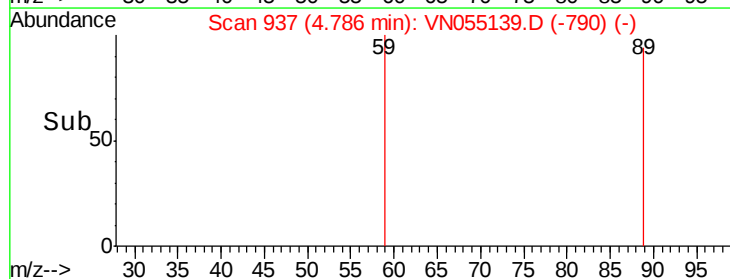
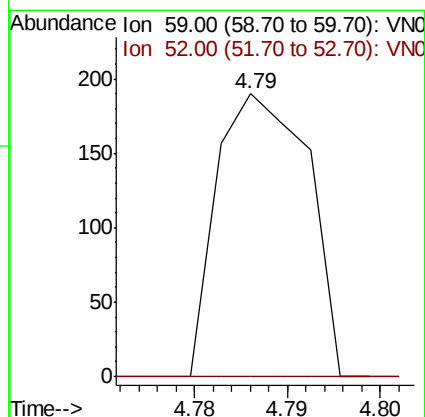
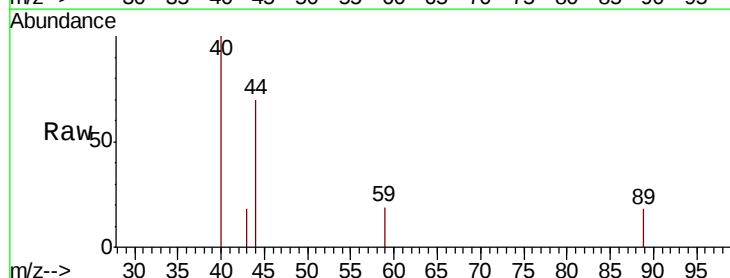
Acq: 19 Apr 2019 13:57

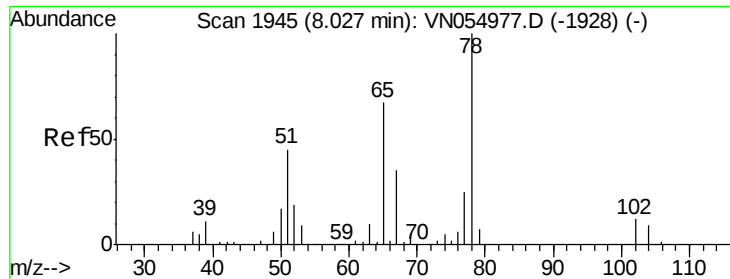
Tgt Ion: 59 Resp: 129

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# 1946

Delta R.T. 0.00 min

Lab File: VN055139.D

Acq: 19 Apr 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

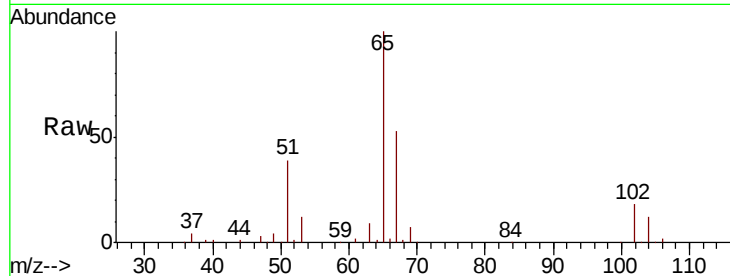
TP-TRACK-74-74

Tot Ion: 65 Resp: 164132

Ion Ratio Lower Upper

65 100

67 54.3 41.8 62.8



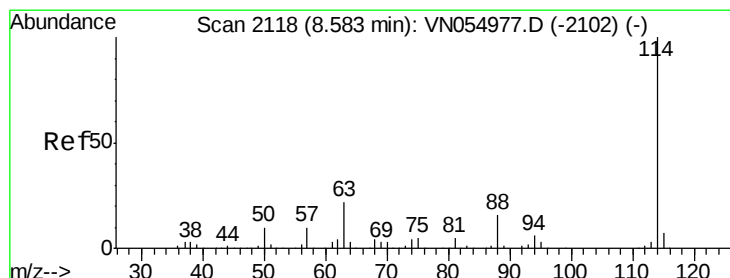
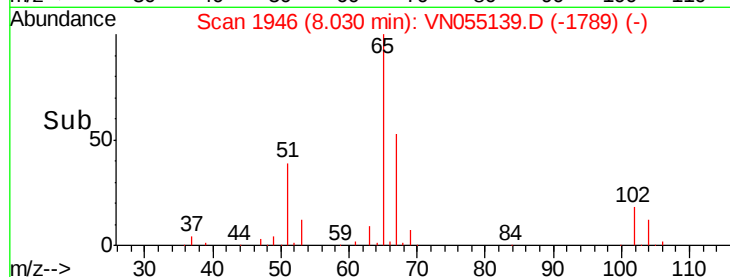
Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.03

8.00 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055139.D

Acq: 19 Apr 2019 13:57

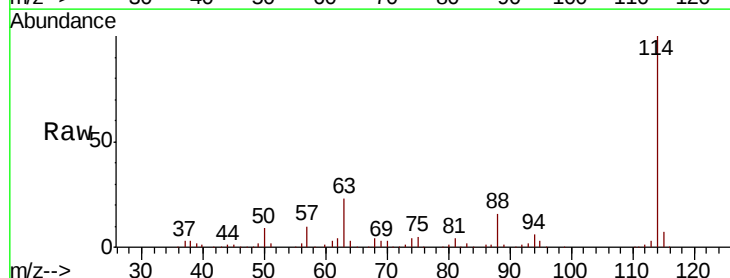
Tgt Ion: 114 Resp: 362427

Ion Ratio Lower Upper

114 100

63 22.5 17.0 25.4

88 15.9 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): V

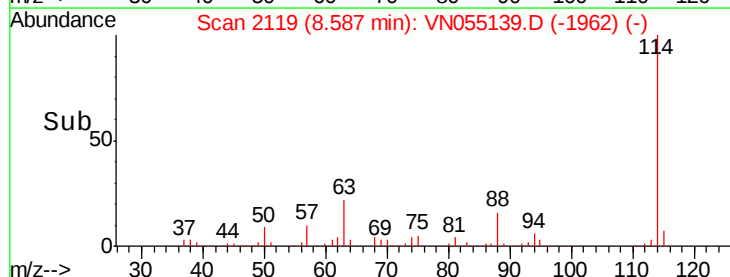
Ion 63.00 (62.70 to 63.70): VN0

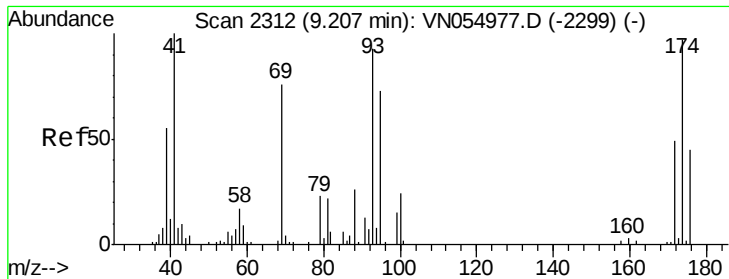
Ion 88.00 (87.70 to 88.70): VN0

8.59

8.50 8.60 8.70

Time-->

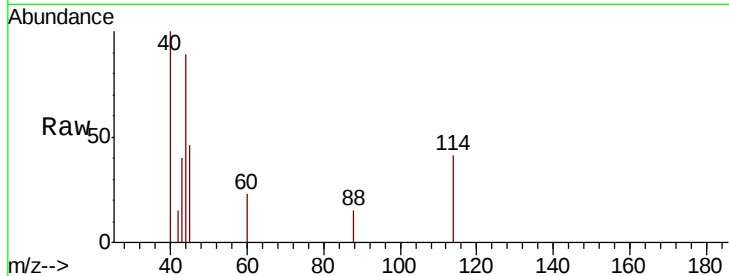




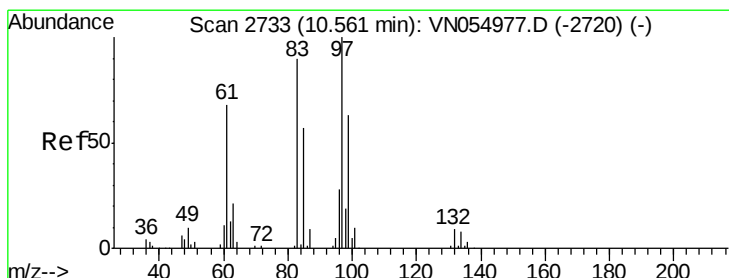
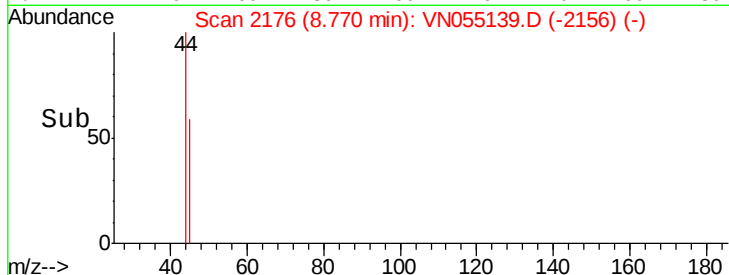
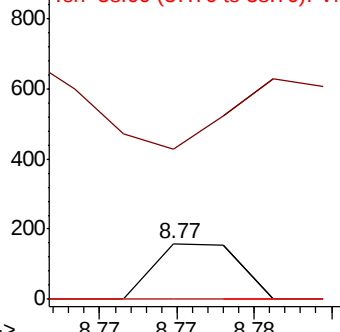
#45
 1,4-Dioxane
 Concen: 1.702 ug/l
 RT: 8.77 min Scan# 2176
 Delta R.T. -0.44 min
 Lab File: VN055139.D
 Acq: 19 Apr 2019 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-74-74

Tot Ion: 88 Resp: 61
 Ion Ratio Lower Upper
 88 100
 43 185.2 34.5 51.7#
 58 0.0 60.3 90.5#

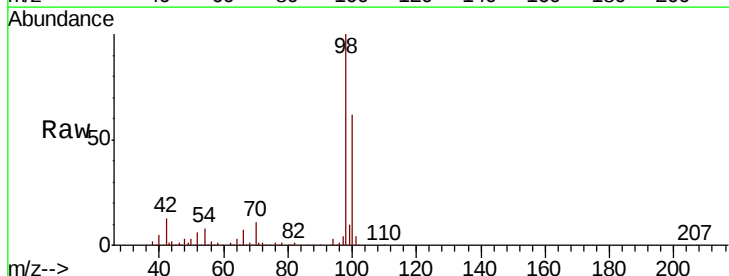


Abundance Ion 88.00 (87.70 to 88.70): VNO
 Ion 43.00 (42.70 to 43.70): VNO
 Ion 58.00 (57.70 to 58.70): VNO

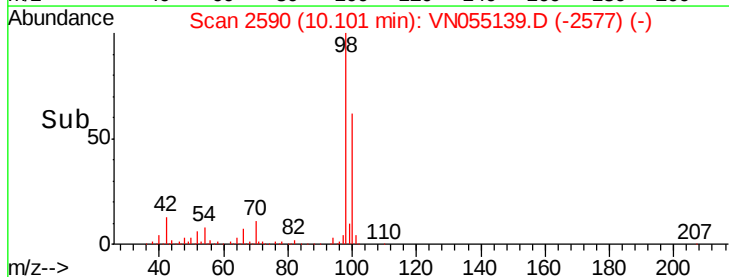
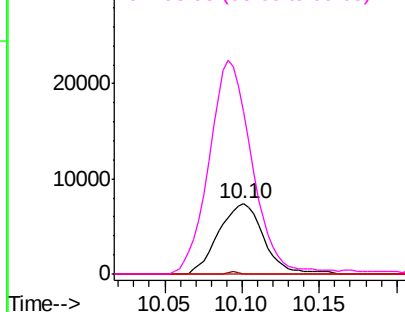


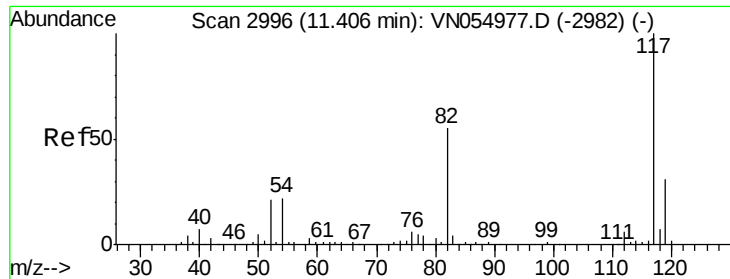
#50
 1,1,2-Trichloroethane
 Concen: 4.219 ug/l
 RT: 10.10 min Scan# 2590
 Delta R.T. -0.46 min
 Lab File: VN055139.D
 Acq: 19 Apr 2019 13:57

Tgt Ion: 97 Resp: 14958
 Ion Ratio Lower Upper
 97 100
 83 0.0 72.1 108.1#
 85 0.0 45.4 68.0#
 99 226.9 50.6 75.8#



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO

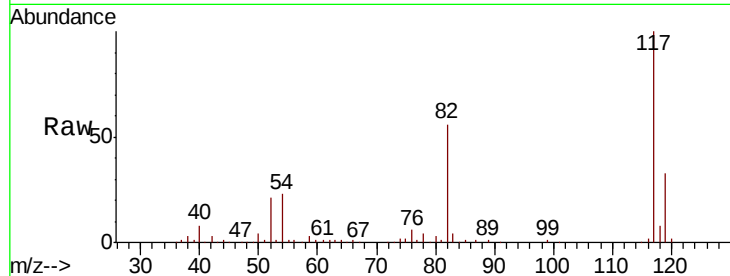




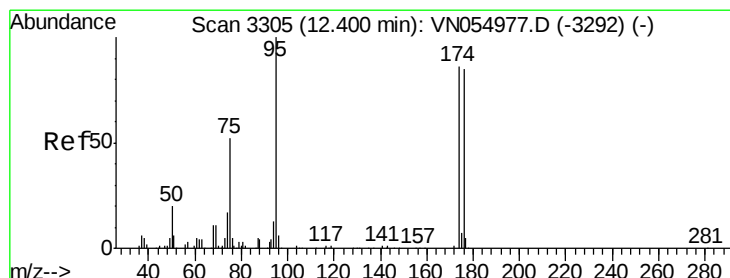
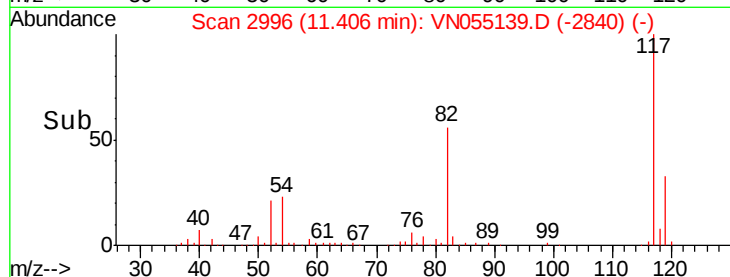
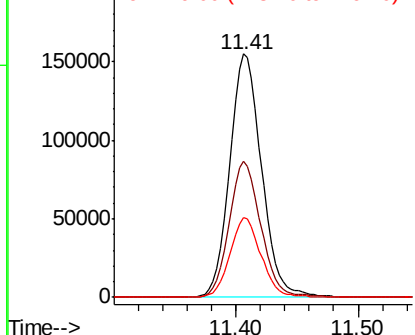
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055139.D
Acq: 19 Apr 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
TP-TRACK-74-74

Tot Ion:117 Resp: 281985
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 32.0 25.4 38.2

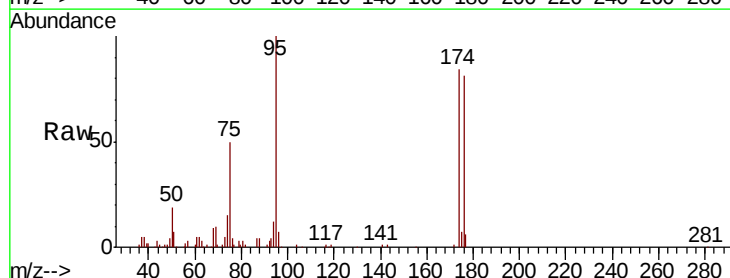


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

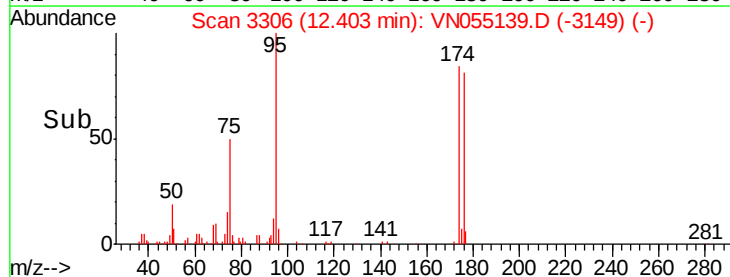
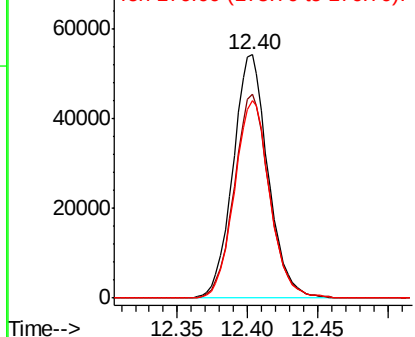


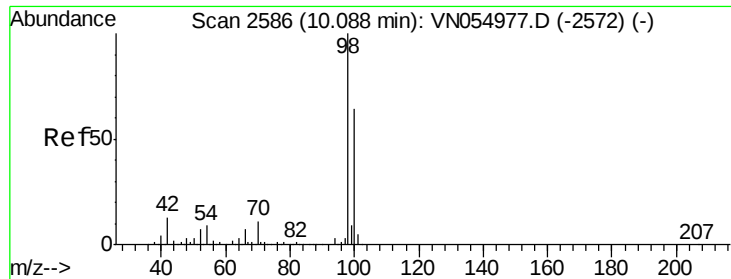
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055139.D
Acq: 19 Apr 2019 13:57

Tgt Ion: 95 Resp: 94540
Ion Ratio Lower Upper
95 100
174 83.8 69.4 104.2
176 82.0 67.4 101.2



Abundance Ion 95.00 (94.70 to 95.70): VN
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: VN055139.D

Acq: 19 Apr 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

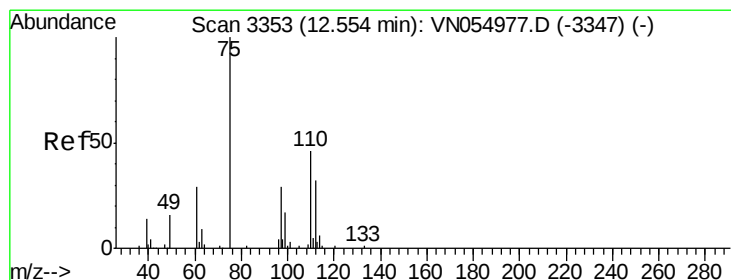
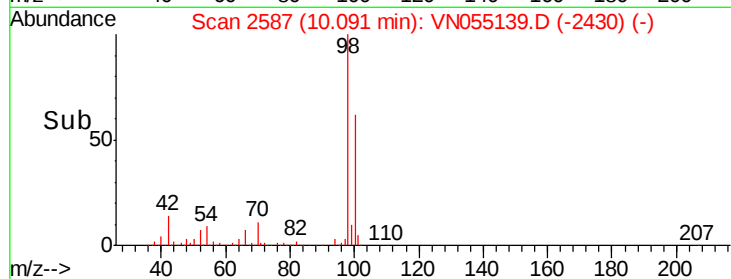
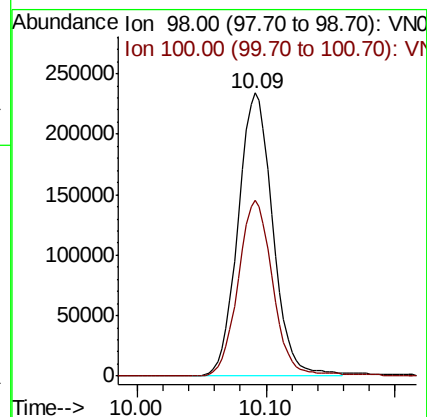
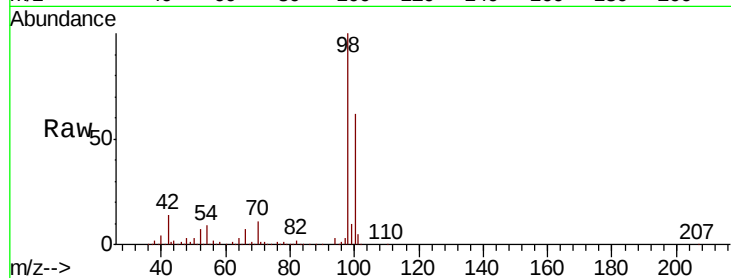
TP-TRACK-74-74

Tot Ion: 98 Resp: 438503

Ion Ratio Lower Upper

98 100

100 61.9 51.1 76.7



#72

1,2,3-Trichloropropane

Concen: 15.251 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055139.D

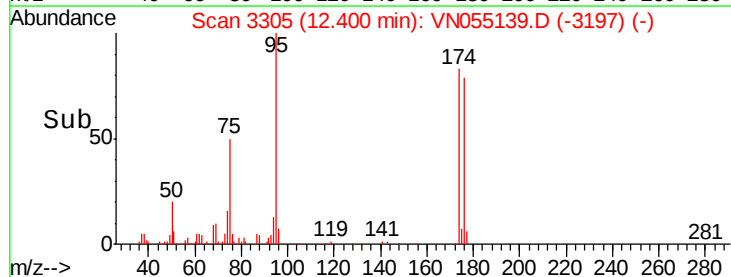
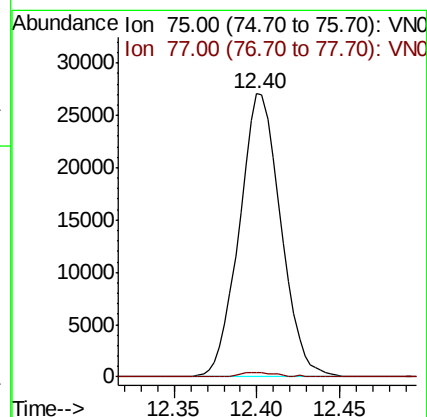
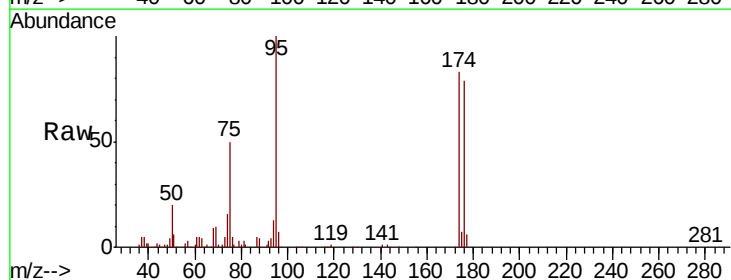
Acq: 19 Apr 2019 13:57

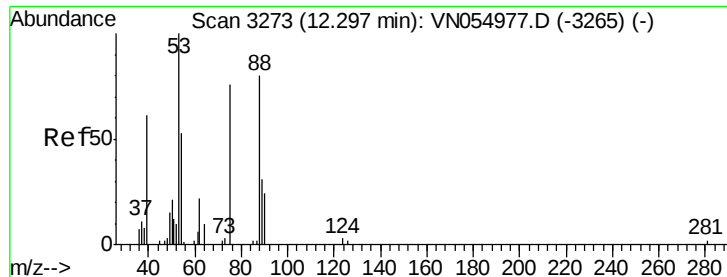
Tgt Ion: 75 Resp: 47123

Ion Ratio Lower Upper

75 100

77 1.3 0.0 466.6





#77
t-1,4-Dichloro-2-butene
Concen: 60.506 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055139.D
Acq: 19 Apr 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
TP-TRACK-74-74

Tot Ion: 75 Resp: 47123
Ion Ratio Lower Upper
75 100
53 0.0 64.3 192.7#
89 0.0 21.6 65.0#

