

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055140.D
 Acq On : 19 Apr 2019 14:22
 Operator : JC/SP
 Sample : K2479-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

Quant Time: Apr 20 03:39:45 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	69364	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	363029	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	290488	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	161956	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	12.40	95	99518	22.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.37%
63) Toluene-d8	10.09	98	427488	30.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.17%

Target Compounds

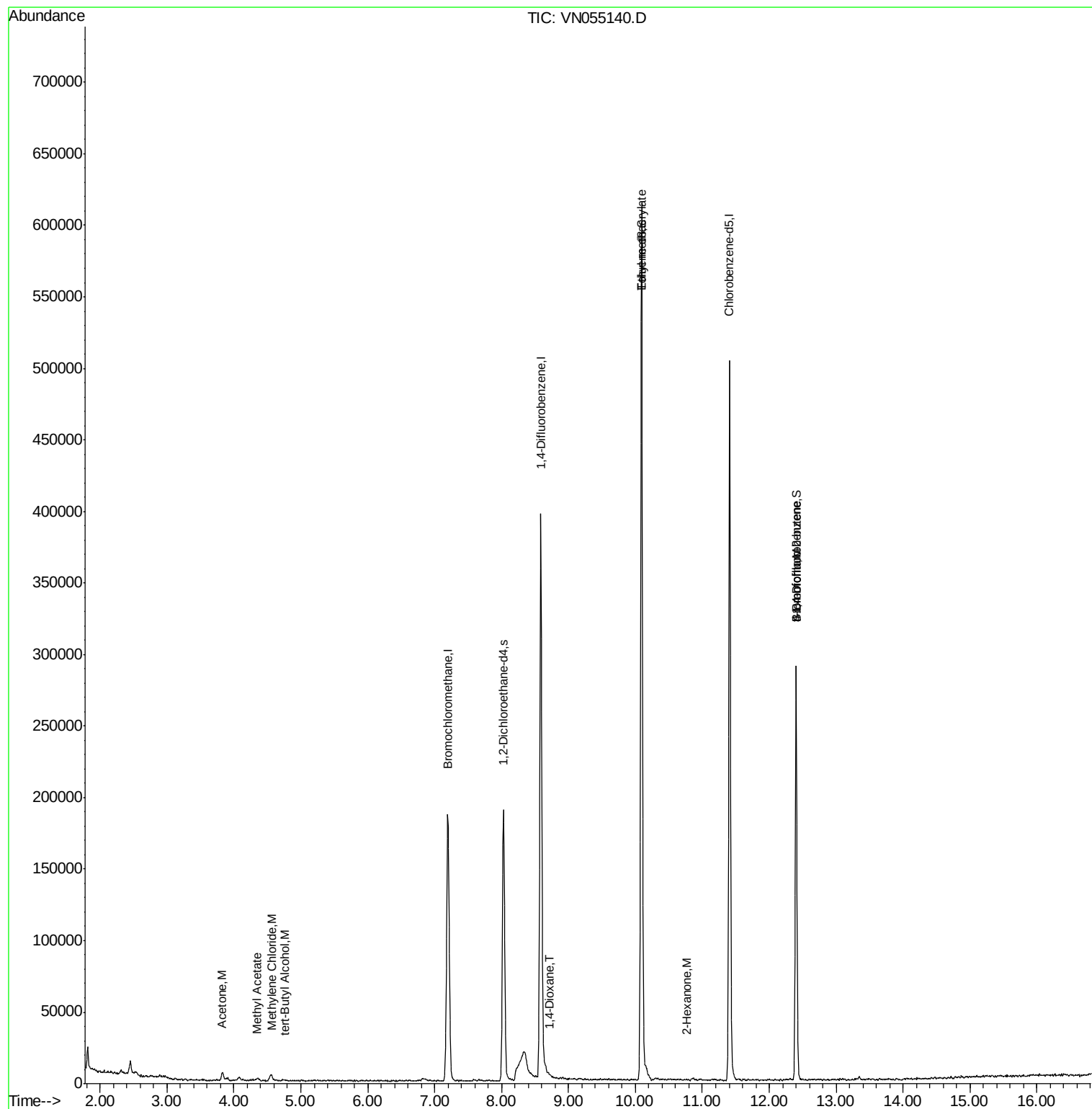
					Ovalue
12) Methyl Acetate	4.34	43	1138	0.301 ug/l #	86
15) Acetone	3.83	58	1612	4.200 ug/l	94
18) Methylene Chloride	4.55	84	914	0.201 ug/l #	65
23) tert-Butyl Alcohol	4.76	59	176	0.712 ug/l #	100
45) 1,4-Dioxane	8.72	88	132	3.677 ug/l #	38
51) Ethyl methacrylate	10.09	69	1483	0.350 ug/l	75
56) Bromoform	12.40	173	1136	0.494 ug/l #	1
59) 2-Hexanone	10.76	43	644	0.303 ug/l #	37
77) t-1,4-Dichloro-2-butene	12.40	75	52223	65.092 ug/l #	1

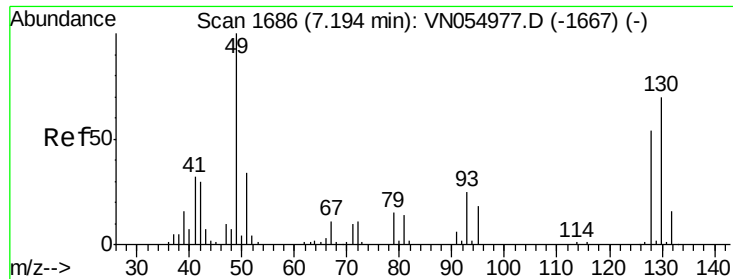
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
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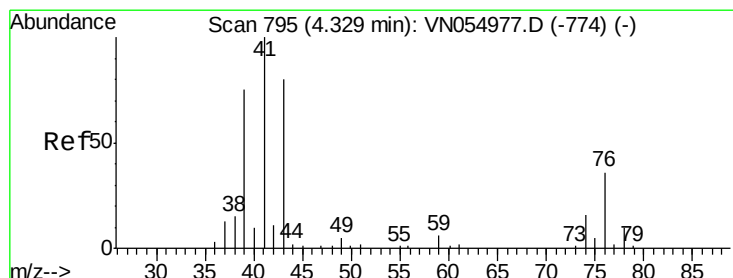
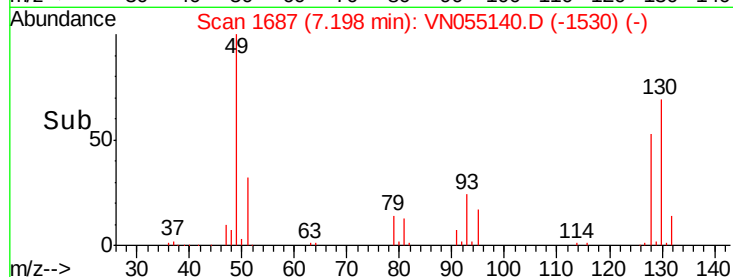
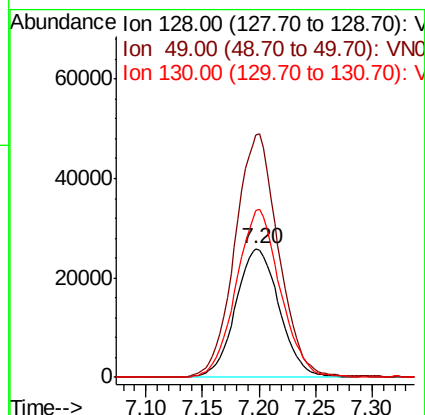
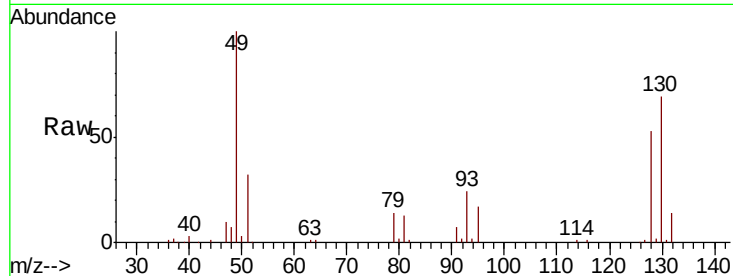




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

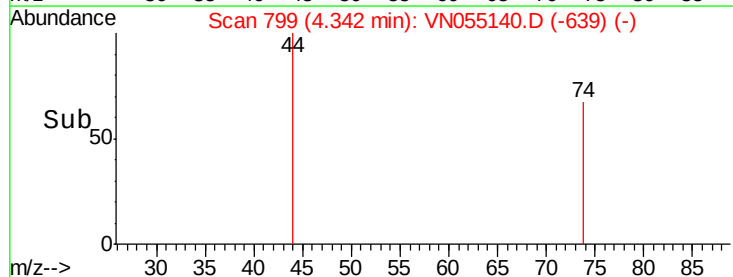
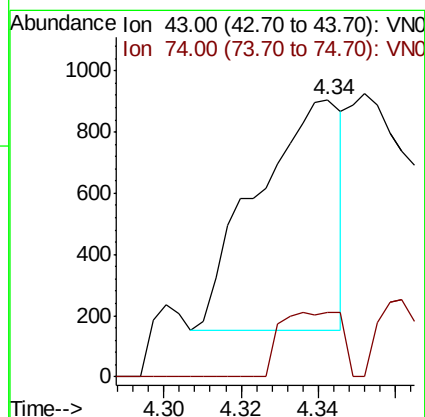
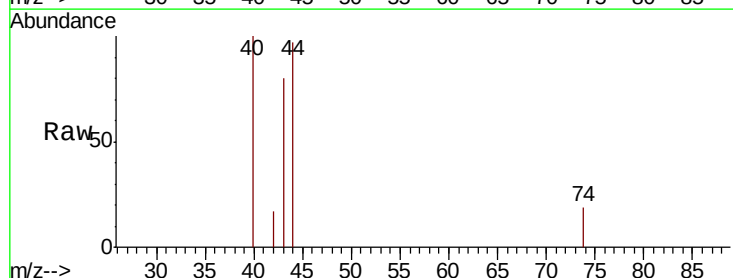
Instrument :
MSVOA_N
ClientSampleId :
TP-TRACK-70-71

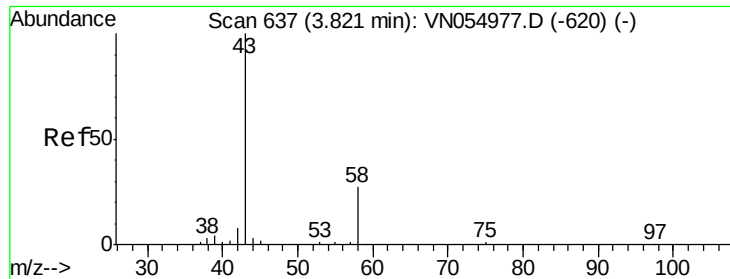
Tot Ion:128 Resp: 69364
Ion Ratio Lower Upper
128 100
49 188.5 0.0 480.3
130 131.1 0.0 322.2



#12
Methyl Acetate
Concen: 0.301 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
74 27.0 16.2 24.4#





#15

Acetone

Concen: 4.200 ug/l

RT: 3.83 min Scan# 641

Delta R.T. 0.01 min

Lab File: VN055140.D

Acq: 19 Apr 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

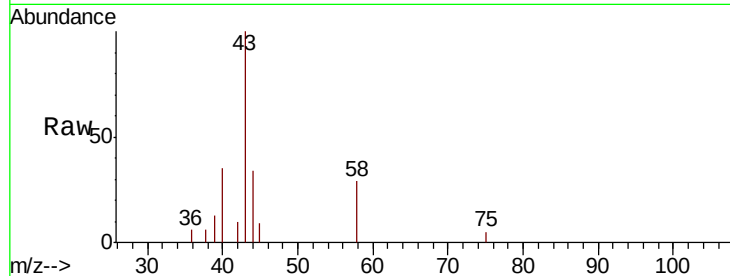
TP-TRACK-70-71

Tot Ion: 58 Resp: 1612

Ion Ratio Lower Upper

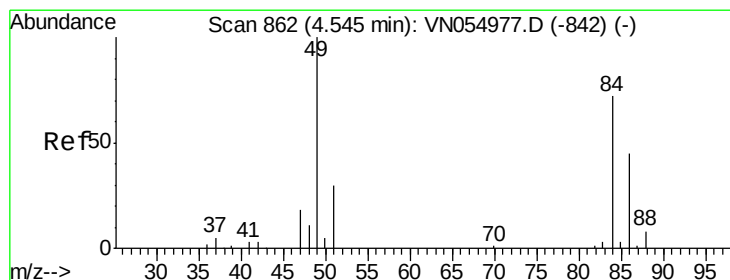
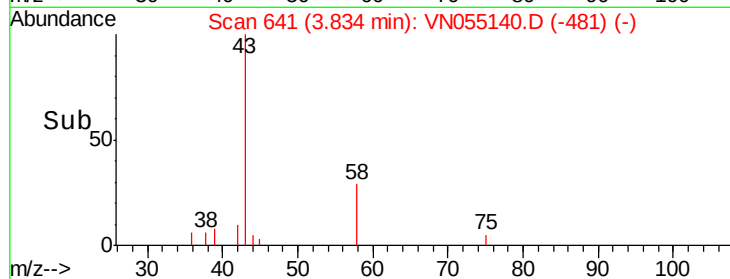
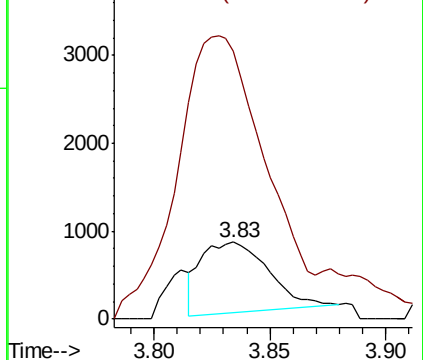
58 100

43 357.4 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#18

Methylene Chloride

Concen: 0.201 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055140.D

Acq: 19 Apr 2019 14:22

Tgt Ion: 84 Resp: 914

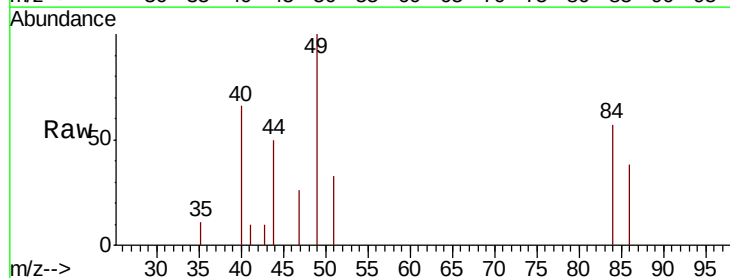
Ion Ratio Lower Upper

84 100

49 175.1 111.0 166.4#

51 72.2 33.4 50.2#

86 91.5 49.5 74.3#

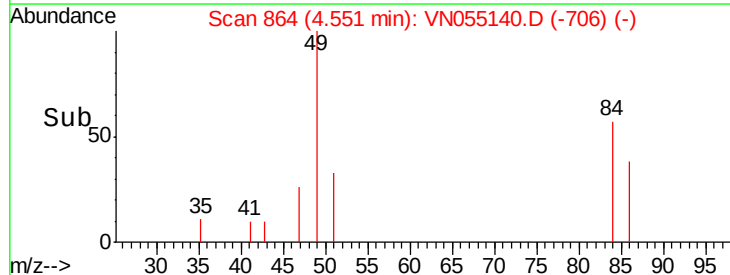
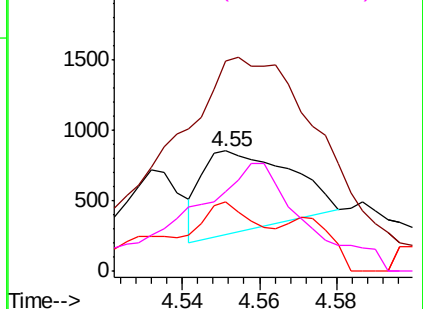


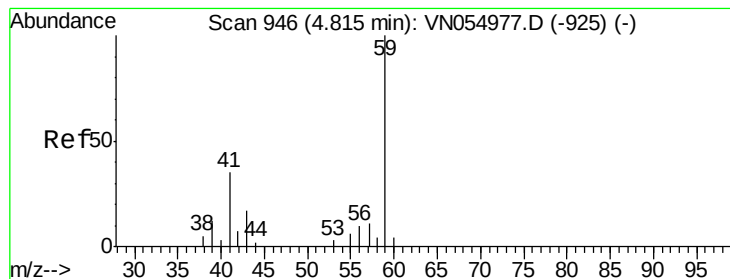
Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



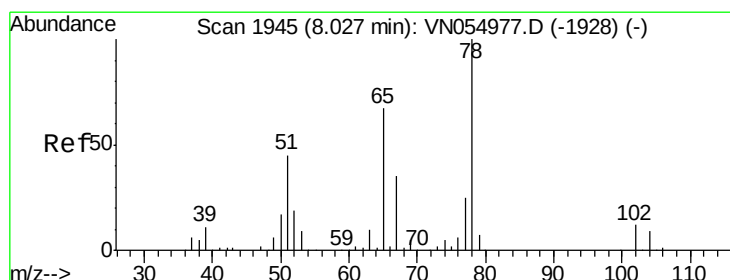
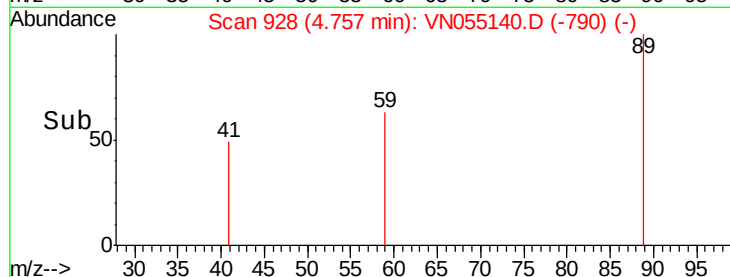
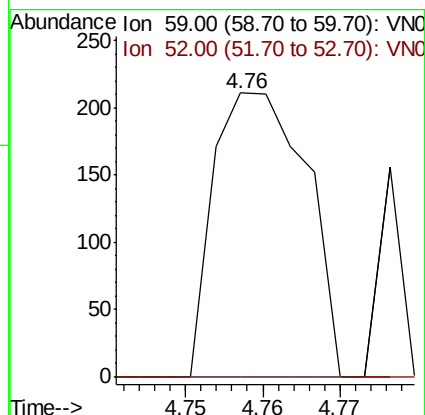
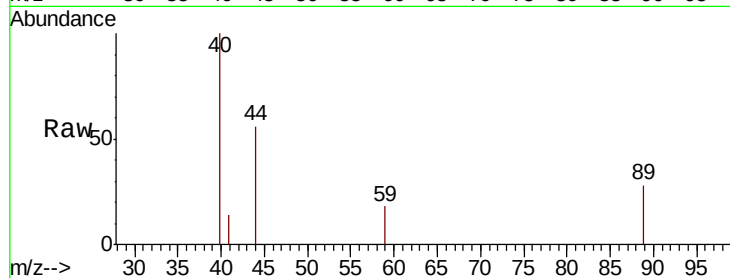


#23

tert-Butyl Alcohol
 Concen: 0.712 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.06 min
 Lab File: VN055140.D
 Acq: 19 Apr 2019 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

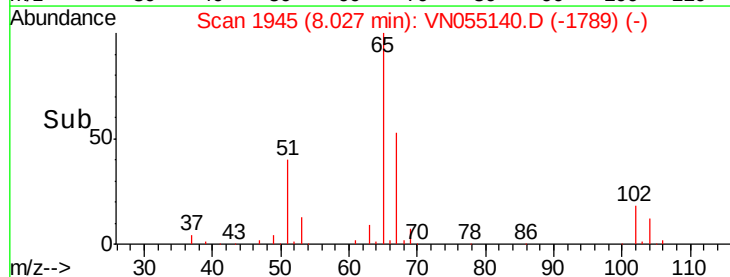
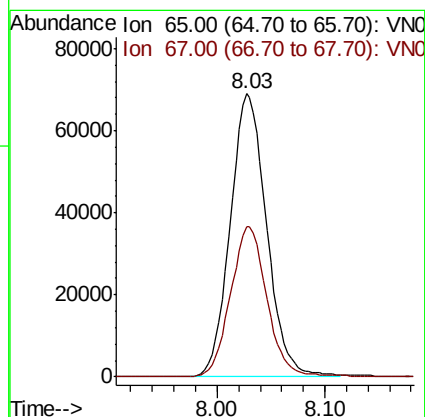
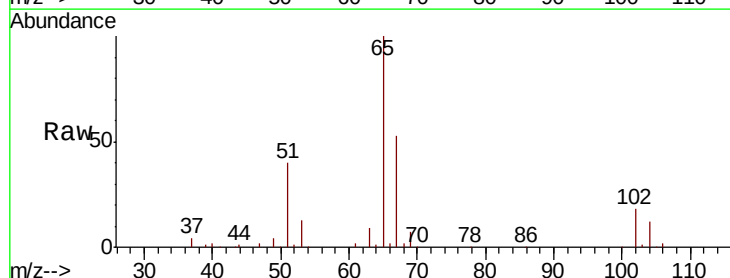
Tot Ion: 59 Resp: 176
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

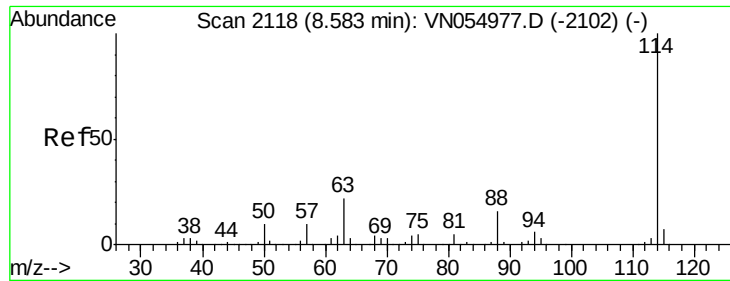


#27

1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055140.D
 Acq: 19 Apr 2019 14:22

Tgt Ion: 65 Resp: 161956
 Ion Ratio Lower Upper
 65 100
 67 53.1 41.8 62.8

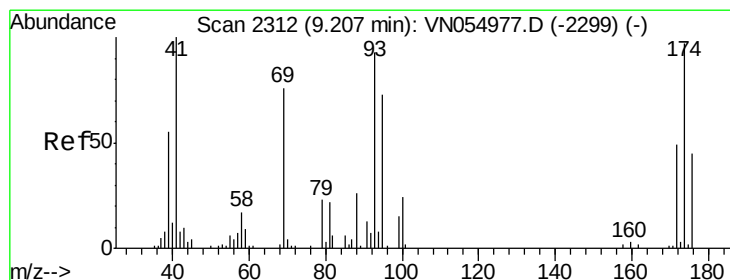
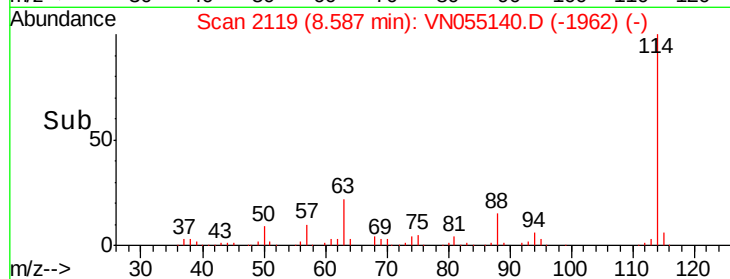
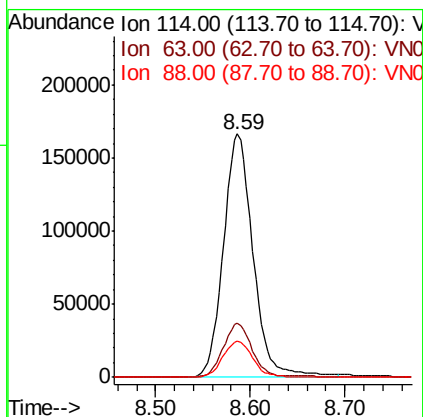
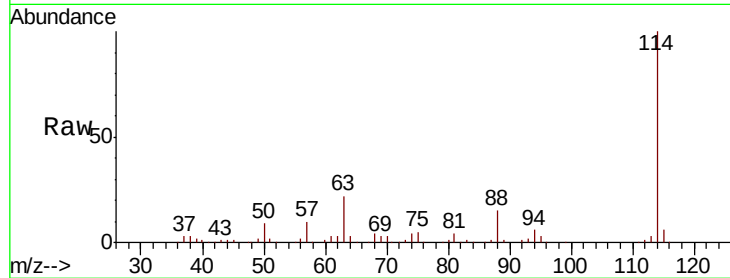




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055140.D
 Acq: 19 Apr 2019 14:22

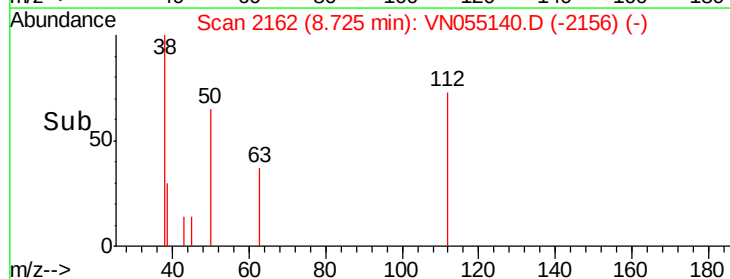
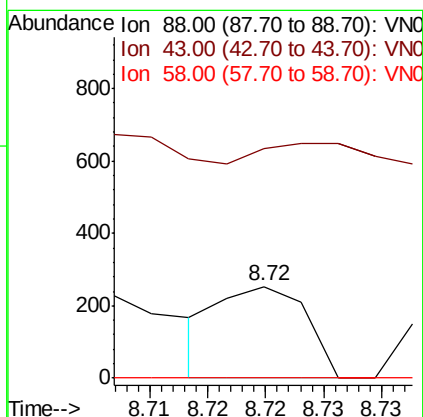
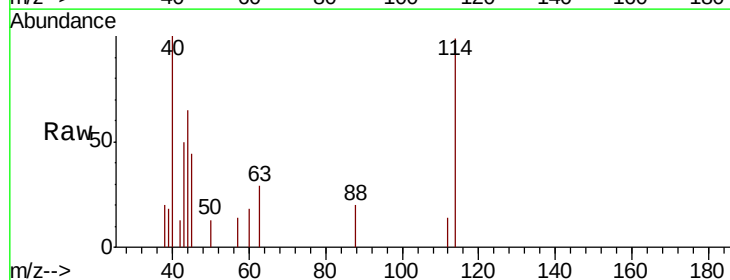
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

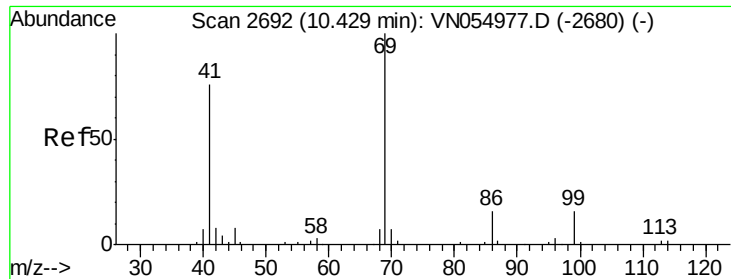
Tot Ion:114 Resp: 363029
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.0 25.4
 88 14.9 12.3 18.5



#45
 1,4-Dioxane
 Concen: 3.677 ug/l
 RT: 8.72 min Scan# 2162
 Delta R.T. -0.48 min
 Lab File: VN055140.D
 Acq: 19 Apr 2019 14:22

Tgt Ion: 88 Resp: 132
 Ion Ratio Lower Upper
 88 100
 43 53.0 34.5 51.7#
 58 0.0 60.3 90.5#

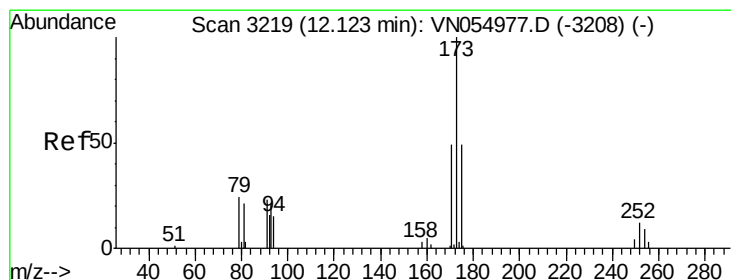
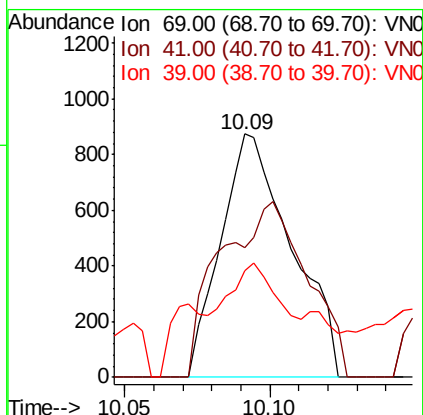
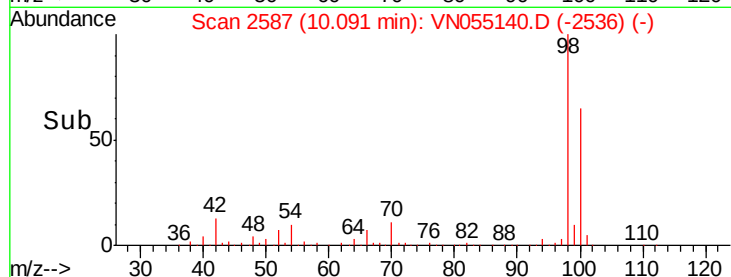
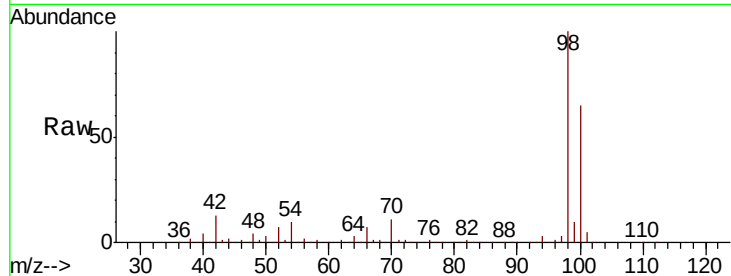




#51
Ethyl methacrylate
Concen: 0.350 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.34 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

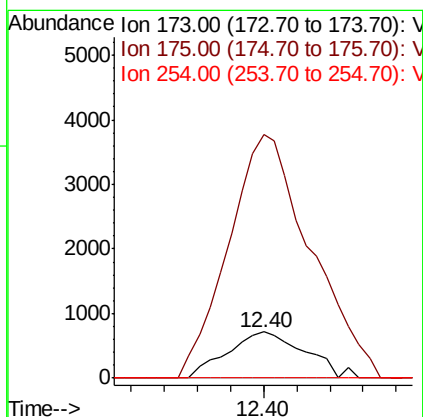
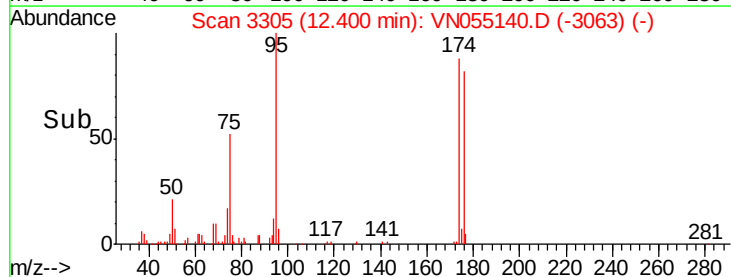
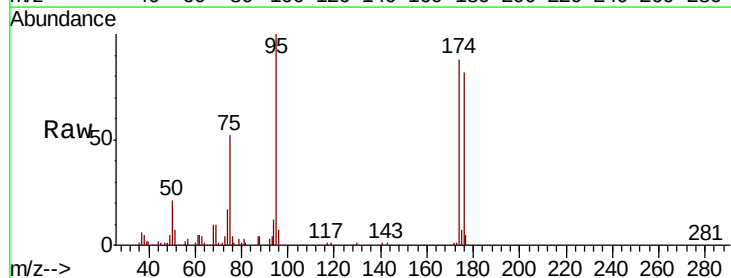
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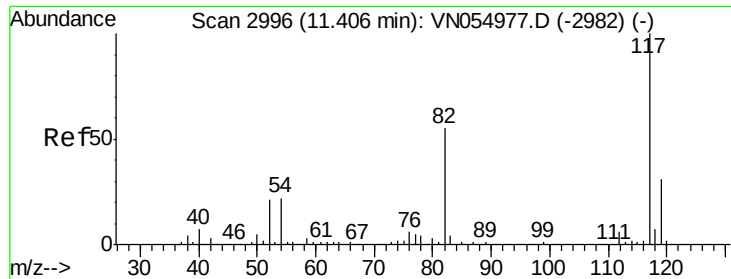
Tot Ion: 69 Resp: 1483
Ion Ratio Lower Upper
69 100
41 53.3 37.9 113.7
39 25.5 19.8 59.4



#56
Bromoform
Concen: 0.494 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

Tgt Ion: 173 Resp: 1136
Ion Ratio Lower Upper
173 100
175 572.2 38.6 57.8#
254 0.0 6.8 10.2#

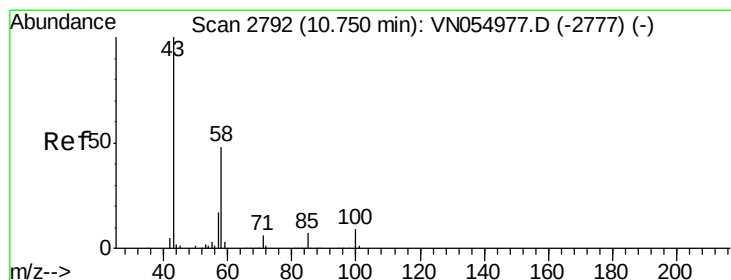
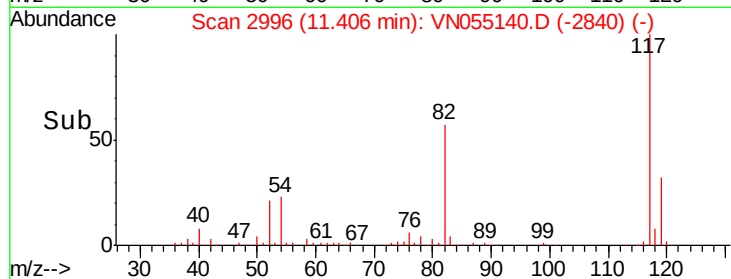
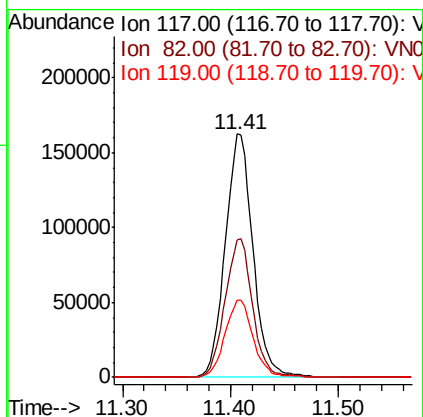
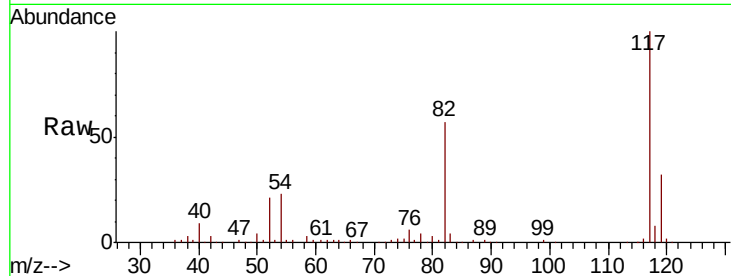




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

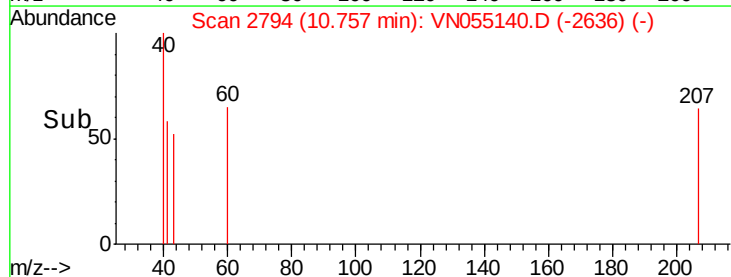
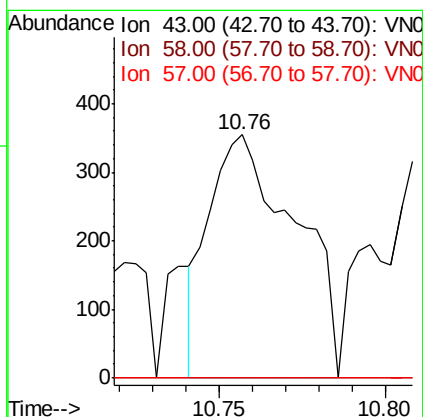
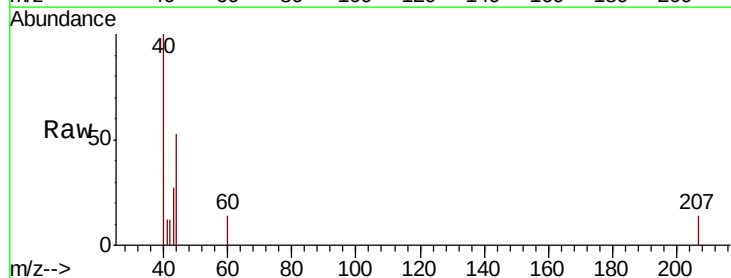
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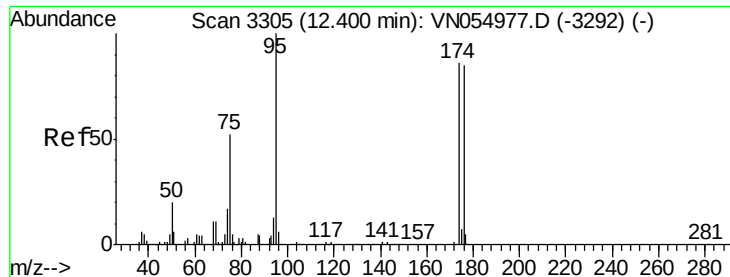
Tot Ion:117 Resp: 290488
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 32.4 25.4 38.2



#59
2-Hexanone
Concen: 0.303 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 0.0 38.8 58.2#
57 0.0 13.8 20.6#

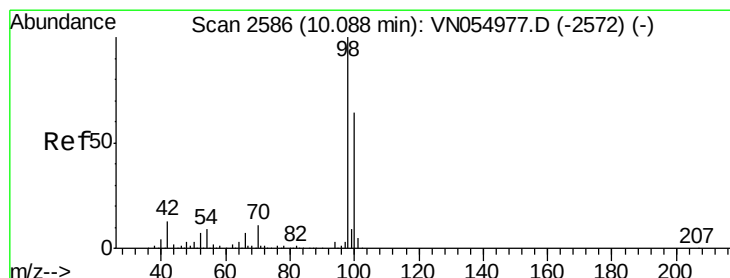
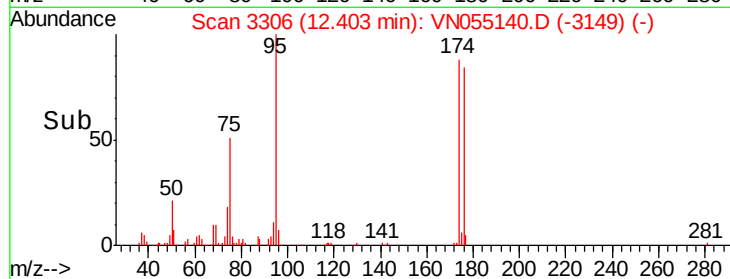
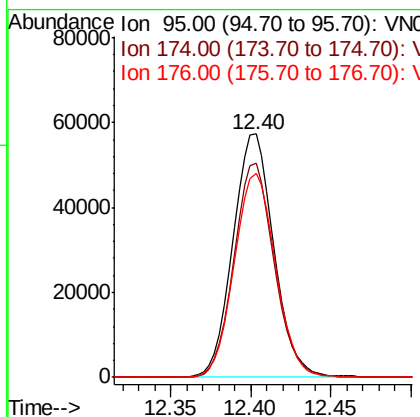
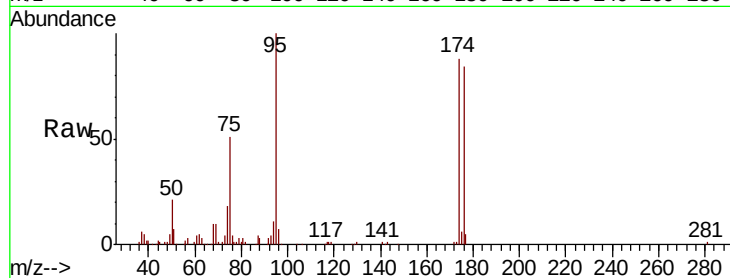




#60
4-Bromofluorobenzene
Concen: 0.303 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

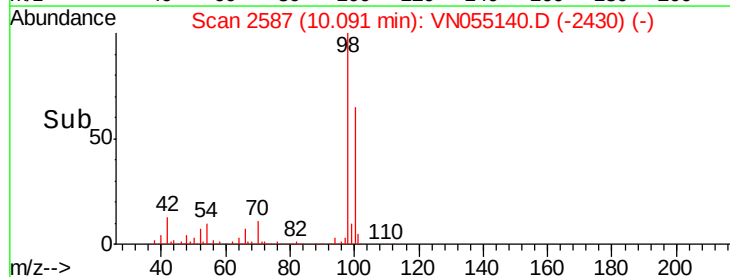
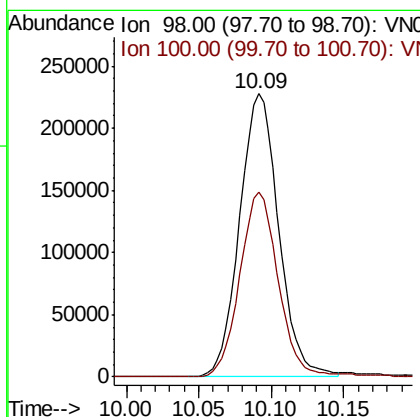
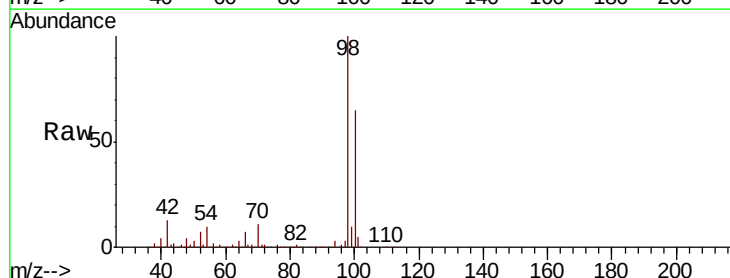
Instrument :
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TP-TRACK-70-71

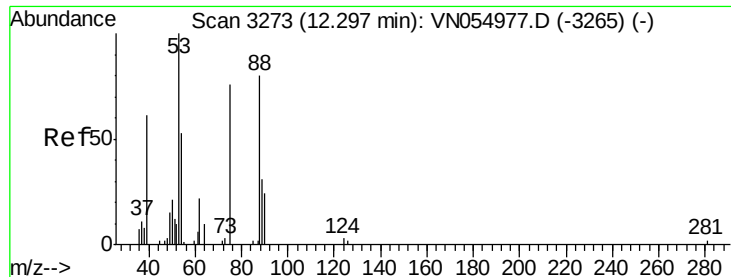
Tot Ion: 95 Resp: 99518
Ion Ratio Lower Upper
95 100
174 86.8 69.4 104.2
176 84.9 67.4 101.2



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

Tgt Ion: 98 Resp: 427488
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7





#77
t-1,4-Dichloro-2-butene
Concen: 65.092 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055140.D
Acq: 19 Apr 2019 14:22

Instrument :
MSVOA_N
ClientSampleId :
TP-TRACK-70-71

Tot Ion: 75 Resp: 52223
Ion Ratio Lower Upper
75 100
53 0.0 64.3 192.7#
89 0.0 21.6 65.0#

