

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054951.D
 Acq On : 4 Apr 2019 16:52
 Operator : JC/SP
 Sample : K2245-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3D

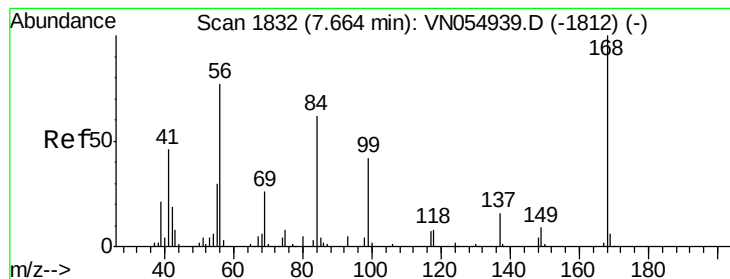
Quant Time: Apr 05 03:18:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	510665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	840137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	747496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	273735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	336830	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	270934	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	10.09	98	1035168	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	325414	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	586	5.257	ug/l #	50
16) Acetone	3.82	43	7258	Below Cal		96
18) Methyl Acetate	4.33	43	1889	Below Cal	#	73
20) Methylene Chloride	4.55	84	180526	28.889	ug/l	98
25) 2-Butanone	6.85	43	525	0.208	ug/l #	53
29) Tetrahydrofuran	7.21	42	485	0.293	ug/l #	49
30) Chloroform	7.37	83	4825	0.455	ug/l	88
31) Cyclohexane	7.67	56	11480	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	38271	4.597	ug/l #	50
38) Carbon Tetrachloride	7.66	117	48883	6.081	ug/l #	19
43) Isopropyl Acetate	8.17	43	16019	1.664	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1420	0.213	ug/l #	44
48) Methyl methacrylate	9.18	41	8041	1.650	ug/l #	17
51) 4-Methyl-2-Pentanone	10.02	43	9261	1.724	ug/l #	39
53) t-1,3-Dichloropropene	10.38	75	170	2.047	ug/l #	79
54) cis-1,3-Dichloropropene	9.91	75	60357	6.746	ug/l #	66
57) 1,3-Dichloropropane	10.77	76	10669	1.193	ug/l #	42
59) 2-Hexanone	10.77	43	182804	54.490	ug/l #	55
71) Bromoform	12.40	173	2435	0.726	ug/l #	1
74) N-amyl acetate	11.88	43	19020	2.959	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.43	83	32	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	168317	39.148	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8566	0.451	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	168317	142.034	ug/l #	4
84) 1,2,4-Trimethylbenzene	13.04	105	5331	0.290	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	755	2.603	ug/l #	55
95) Naphthalene	15.13	128	5175	3.339	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	983	0.234	ug/l #	68

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

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MSVOA_N

ClientSampled :

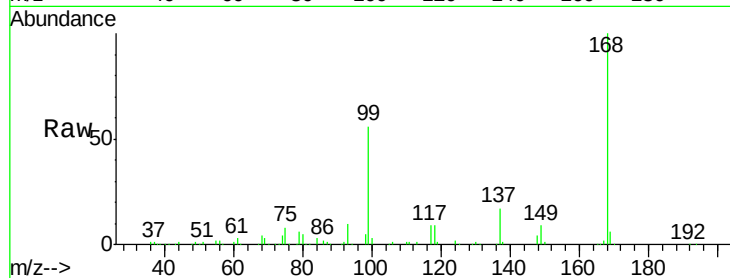
TP-3D

Tgt Ion:168 Resp: 510665

Ion Ratio Lower Upper

168 100

99 55.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

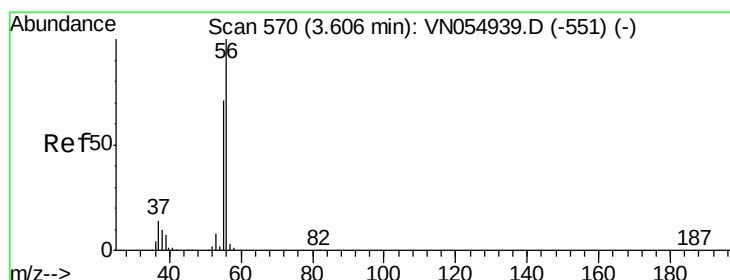
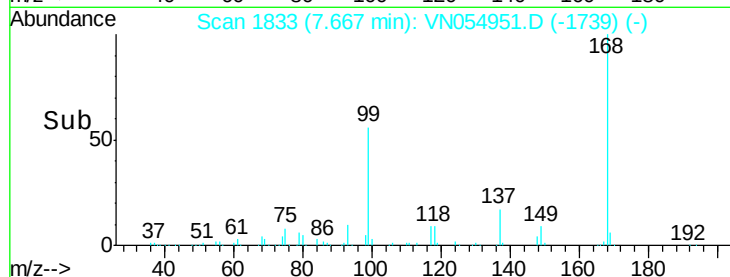
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 5.257 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.02 min

Lab File: VN054951.D

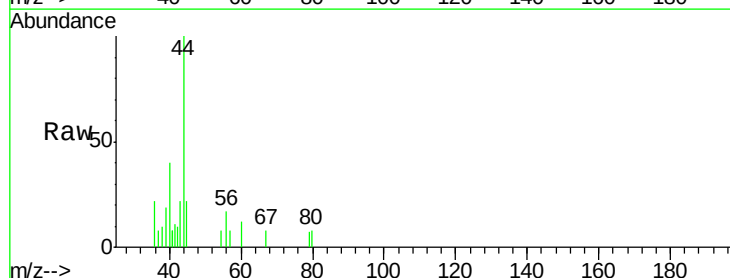
Acq: 4 Apr 2019 16:52

Tgt Ion: 56 Resp: 586

Ion Ratio Lower Upper

56 100

55 31.6 58.6 87.8#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.62

400

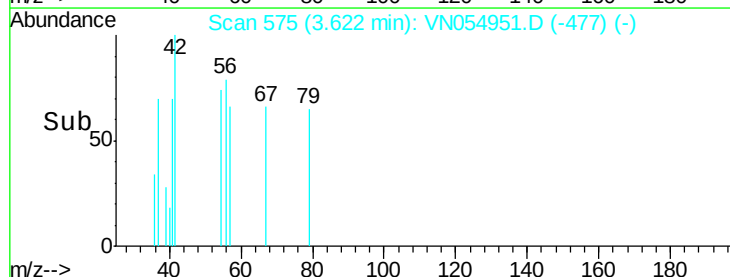
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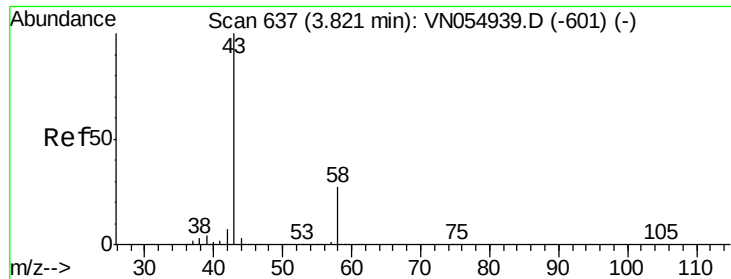
200

100

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampled :

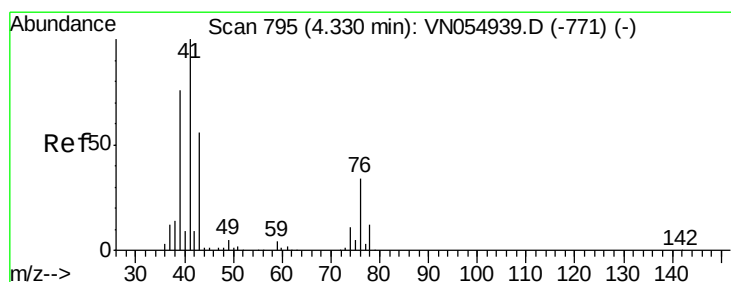
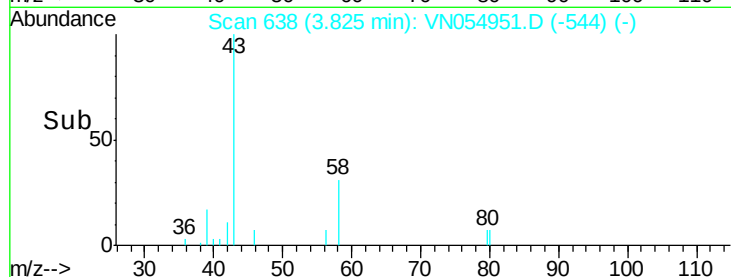
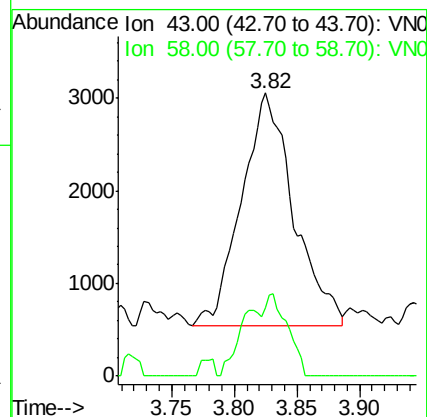
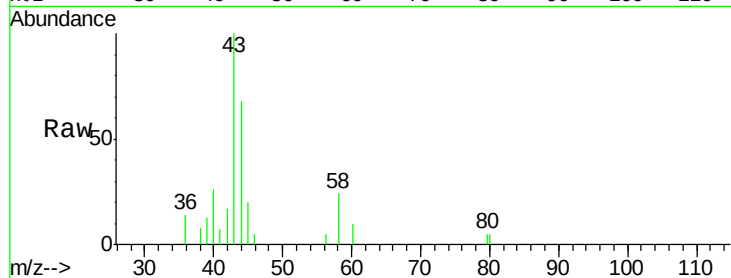
TP-3D

Tgt Ion: 43 Resp: 7258

Ion Ratio Lower Upper

43 100

58 29.4 21.7 32.5



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054951.D

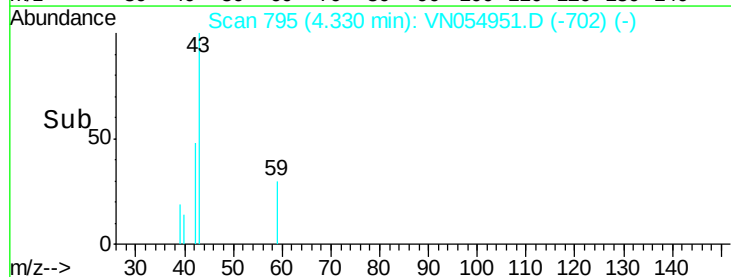
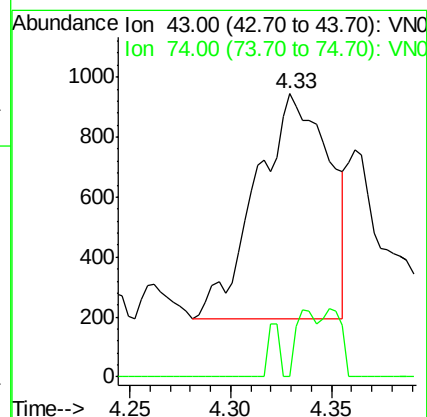
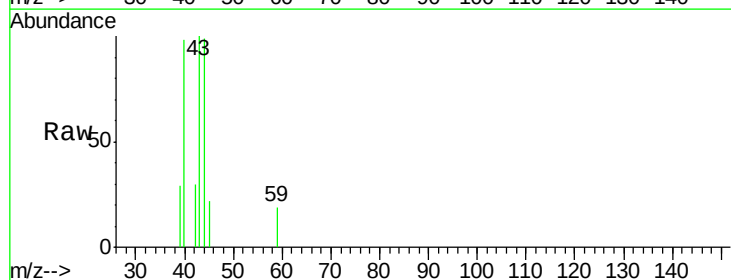
Acq: 4 Apr 2019 16:52

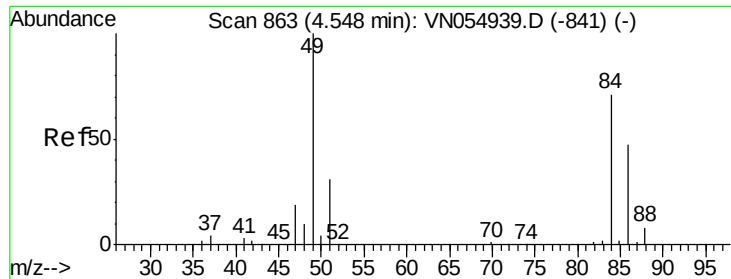
Tgt Ion: 43 Resp: 1889

Ion Ratio Lower Upper

43 100

74 8.0 16.4 24.6#

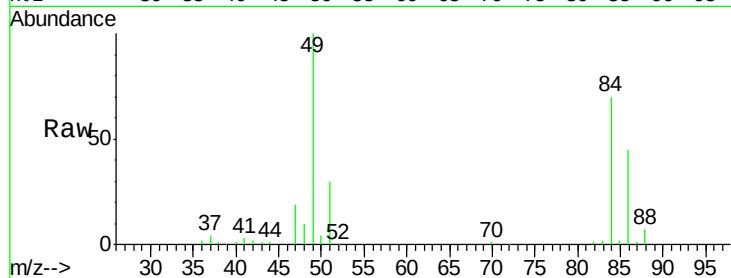




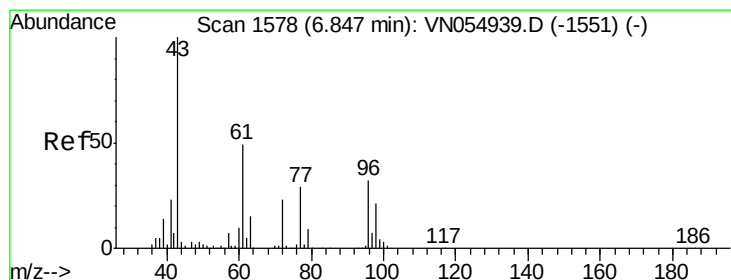
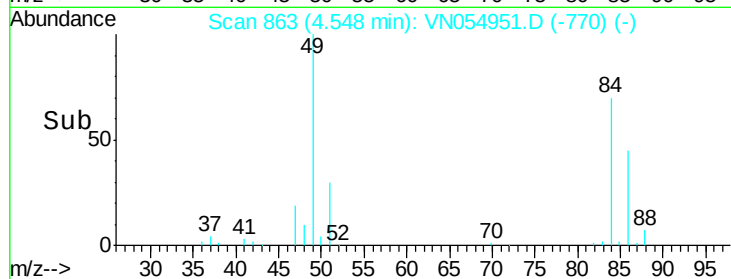
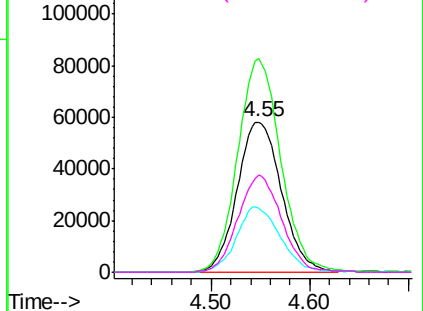
#20
Methylene Chloride
Concen: 28.889 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

Instrument :
MSVOA_N
ClientSampled :
TP-3D

Tgt Ion: 84 Resp: 180526
Ion Ratio Lower Upper
84 100
49 142.2 112.1 168.1
51 42.2 34.5 51.7
86 64.4 52.2 78.4

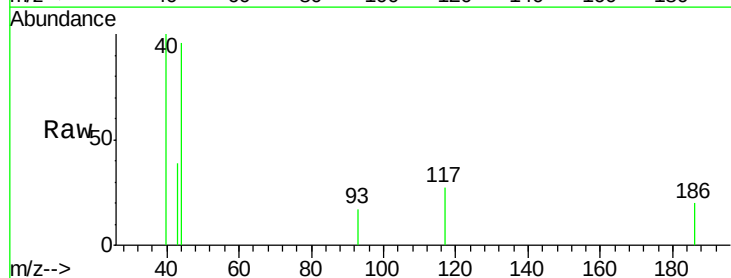


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

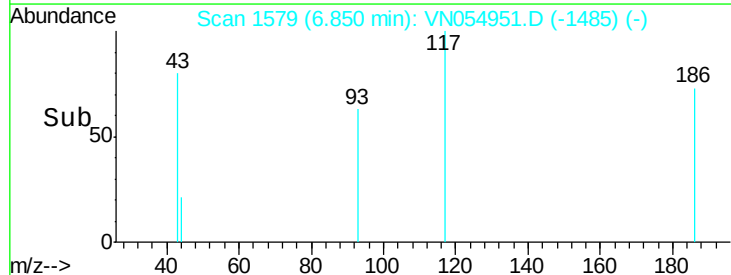
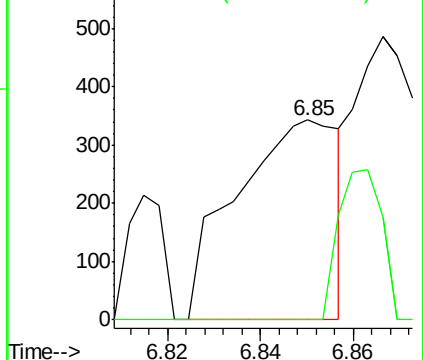


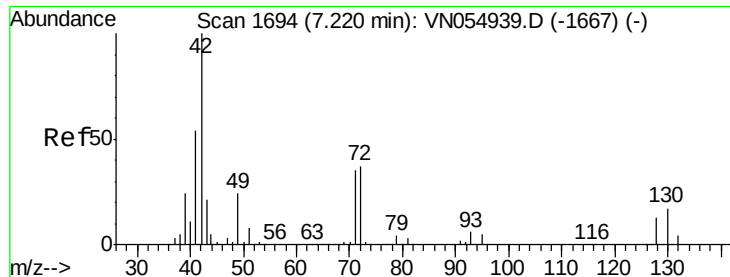
#25
2-Butanone
Concen: 0.208 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

Tgt Ion: 43 Resp: 525
Ion Ratio Lower Upper
43 100
72 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

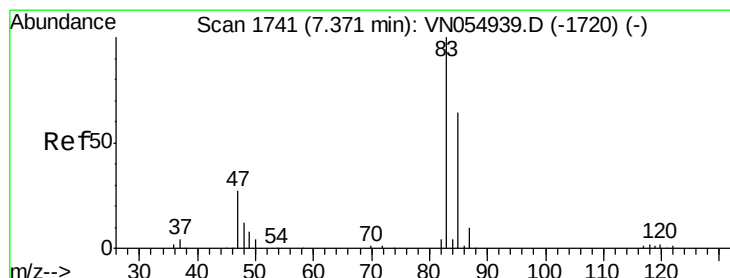
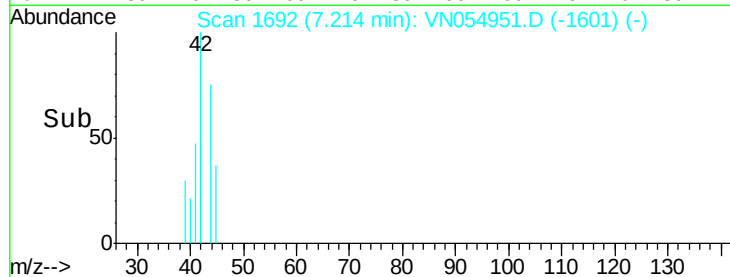
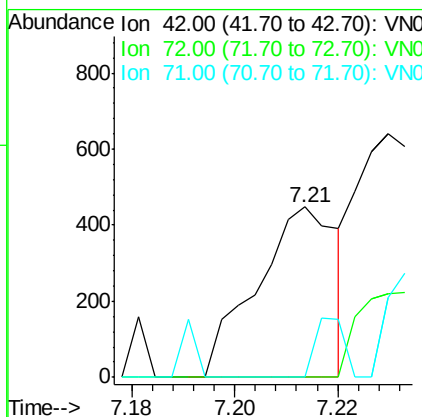
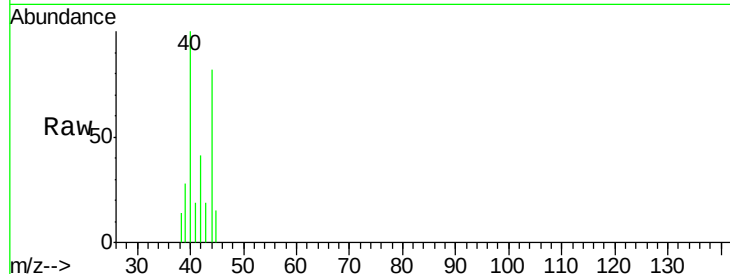




#29
Tetrahydrofuran
Concen: 0.293 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

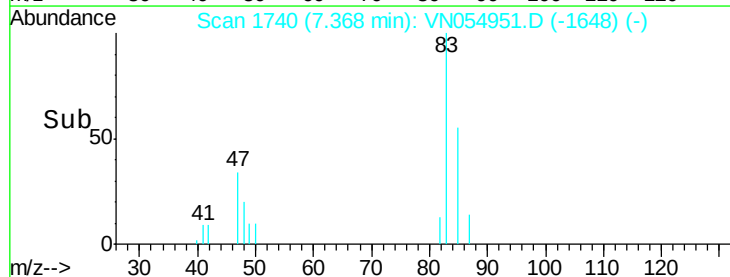
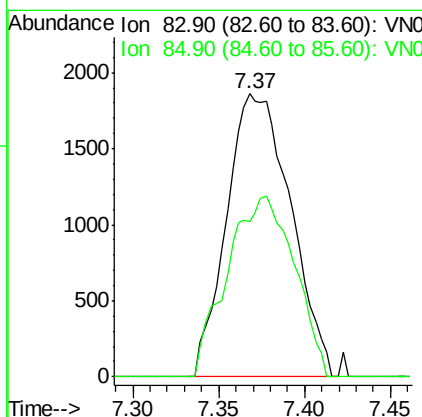
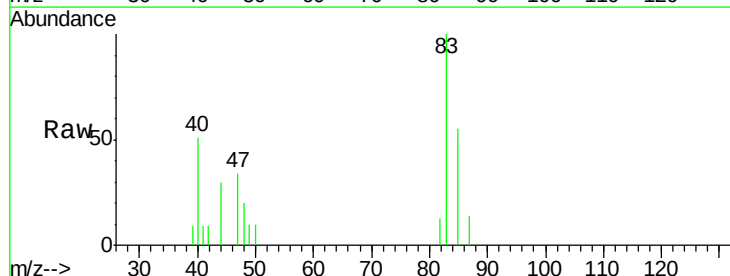
Instrument :
MSVOA_N
ClientSampled :
TP-3D

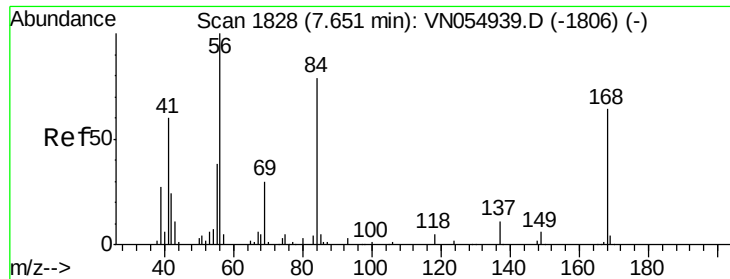
Tgt Ion: 42 Resp: 485
Ion Ratio Lower Upper
42 100
72 0.0 29.3 43.9#
71 12.2 27.8 41.6#



#30
Chloroform
Concen: 0.455 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

Tgt Ion: 83 Resp: 4825
Ion Ratio Lower Upper
83 100
85 55.1 51.4 77.0





#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

TP-3D

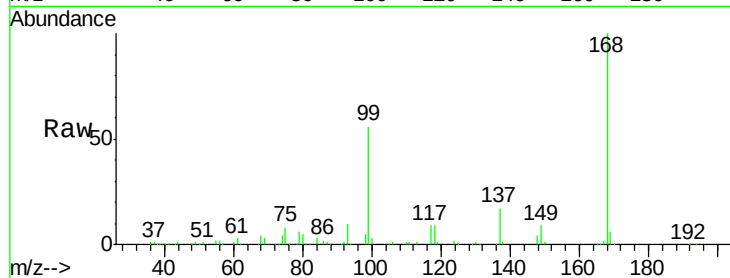
Tgt Ion: 56 Resp: 11480

Ion Ratio Lower Upper

56 100

69 146.5 23.8 35.6#

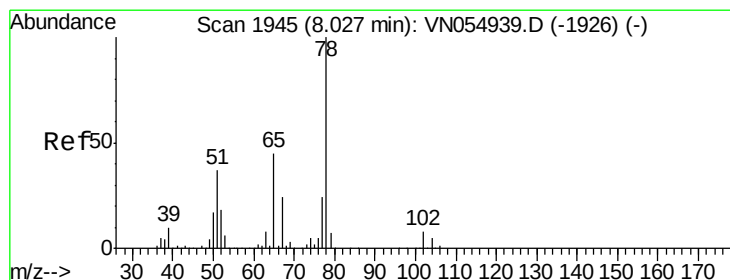
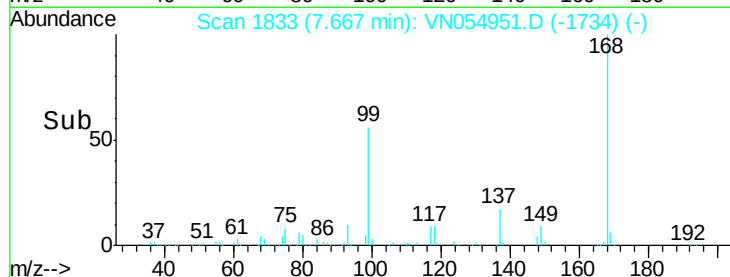
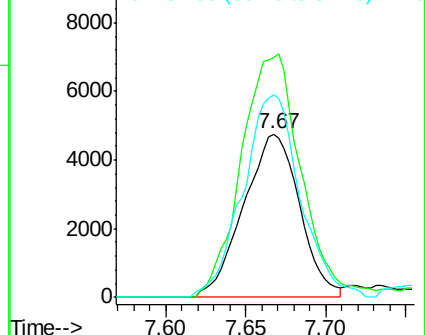
84 123.7 61.8 92.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.027 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054951.D

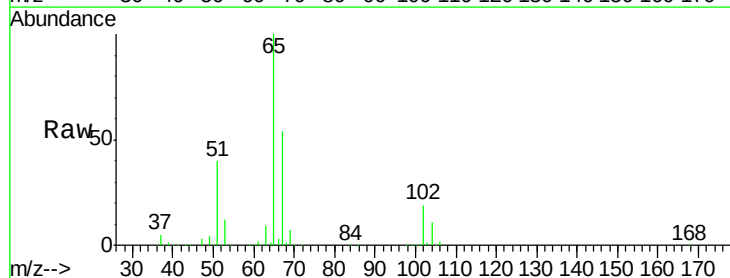
Acq: 4 Apr 2019 16:52

Tgt Ion: 65 Resp: 336830

Ion Ratio Lower Upper

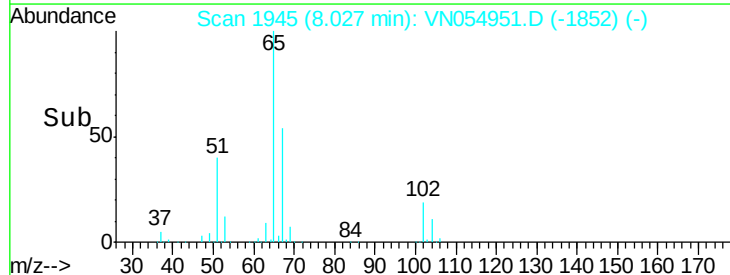
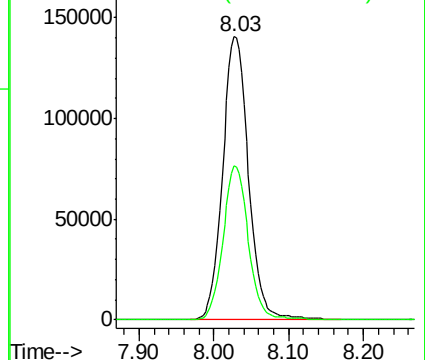
65 100

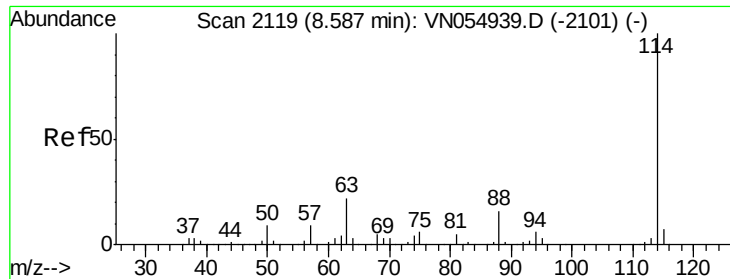
67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

TP-3D

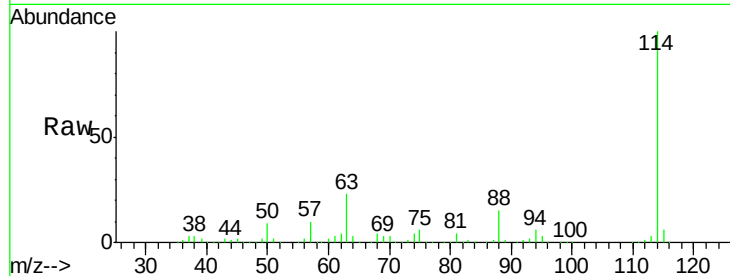
Tgt Ion:114 Resp: 840137

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

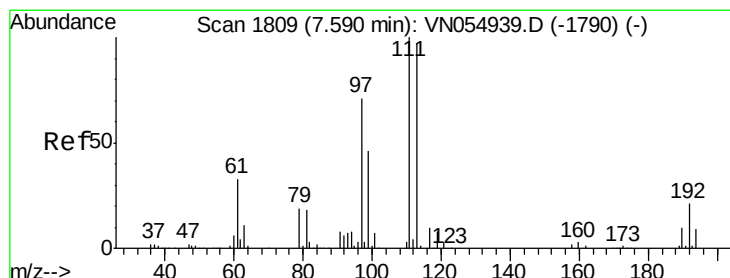
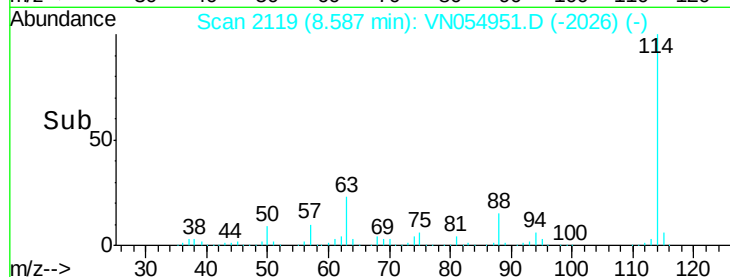
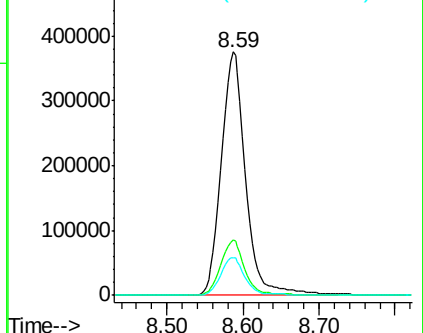
88 15.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.541 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

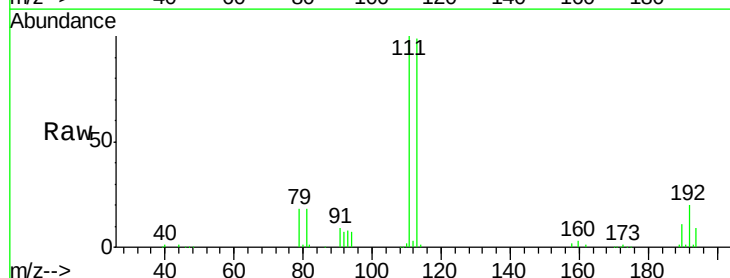
Tgt Ion:113 Resp: 270934

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.4

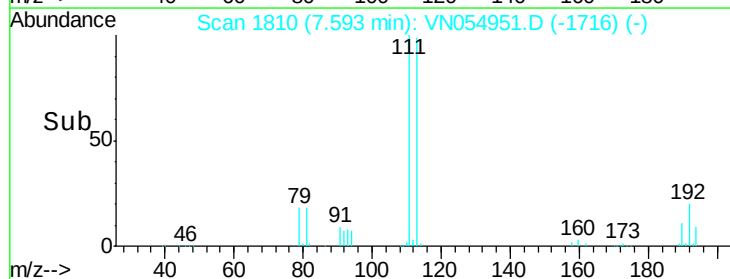
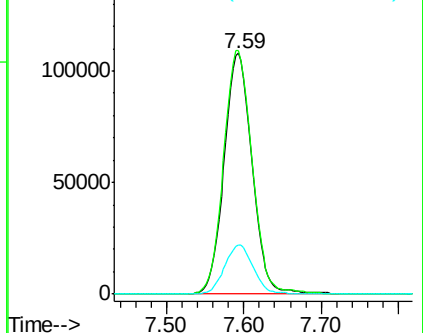
192 20.8 16.5 24.7

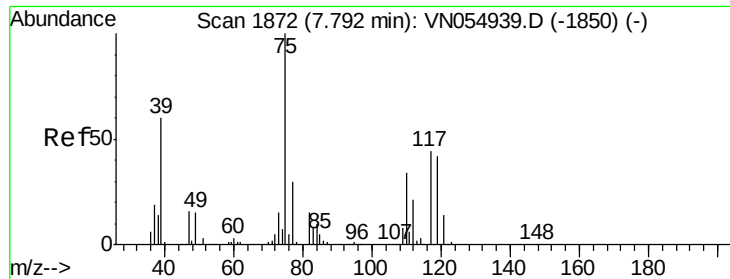


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.597 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampled :

TP-3D

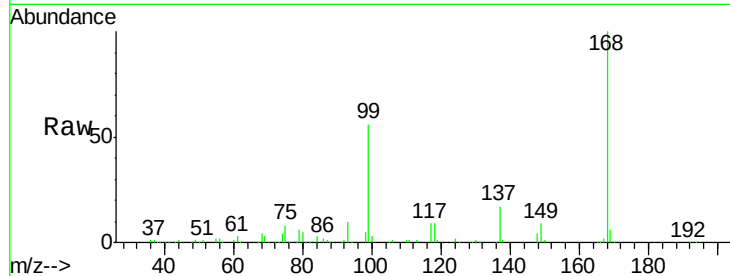
Tgt Ion: 75 Resp: 38271

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

77 0.0 25.3 37.9#

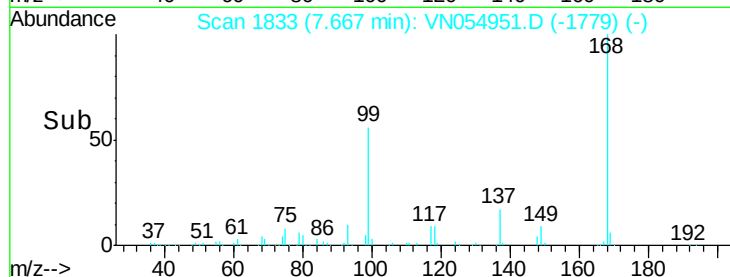


Abundance Ion 74.90 (74.60 to 75.60): VN054939.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN054939.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN054939.D (-1850) (-)

Time-->

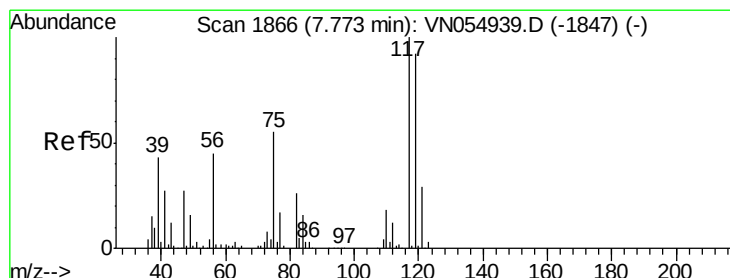


Abundance Ion 74.90 (74.60 to 75.60): VN054951.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN054951.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN054951.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.081 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

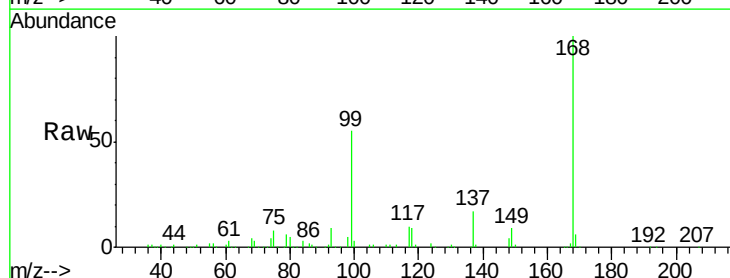
Tgt Ion: 117 Resp: 48883

Ion Ratio Lower Upper

117 100

119 6.2 73.6 110.4#

121 0.0 23.4 35.0#

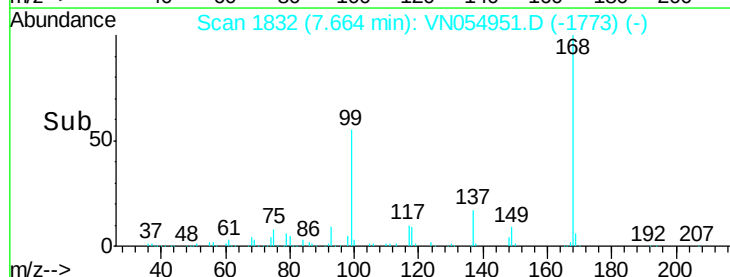


Abundance Ion 116.80 (116.50 to 117.50): VN054939.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN054939.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN054939.D (-1847) (-)

Time-->

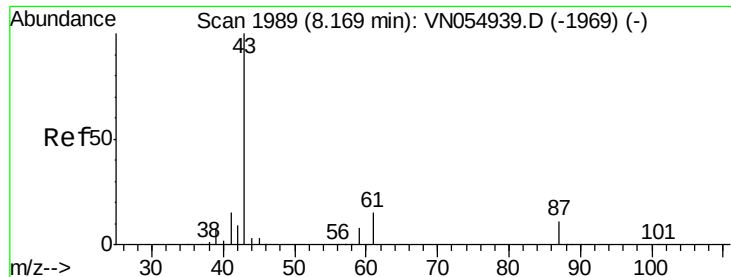


Abundance Ion 116.80 (116.50 to 117.50): VN054951.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054951.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054951.D (-1773) (-)

Time-->



#43

Isopropyl Acetate

Concen: 1.664 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

TP-3D

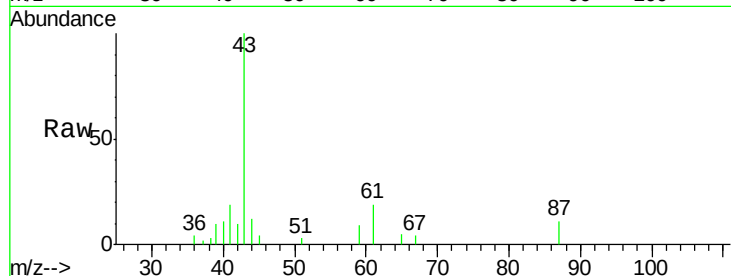
Tgt Ion: 43 Resp: 16019

Ion Ratio Lower Upper

43 100

61 17.9 14.4 21.6

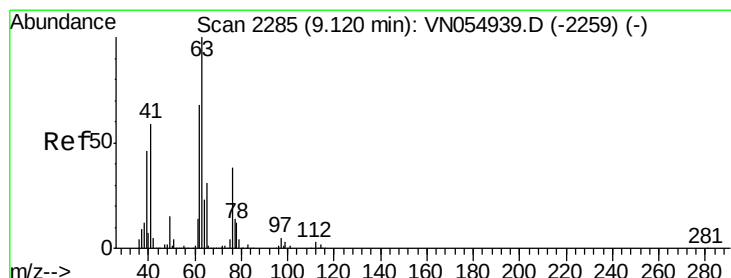
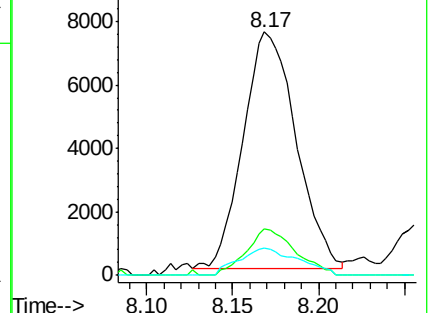
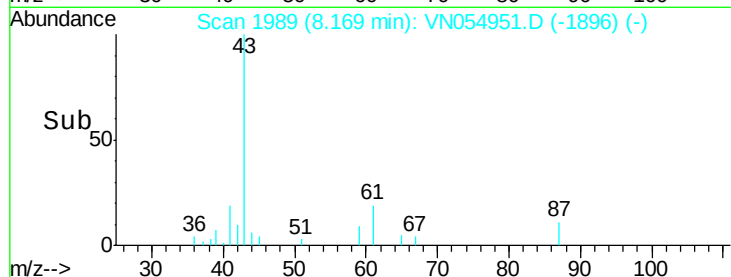
87 12.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.213 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN054951.D

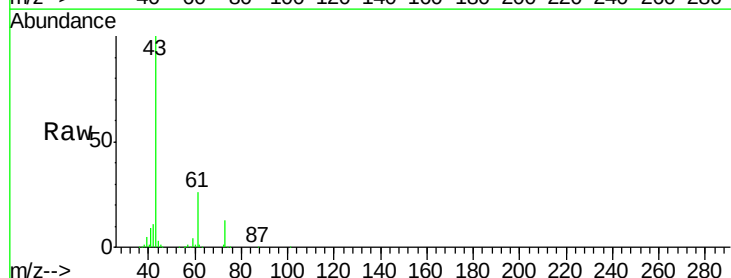
Acq: 4 Apr 2019 16:52

Tgt Ion: 63 Resp: 1420

Ion Ratio Lower Upper

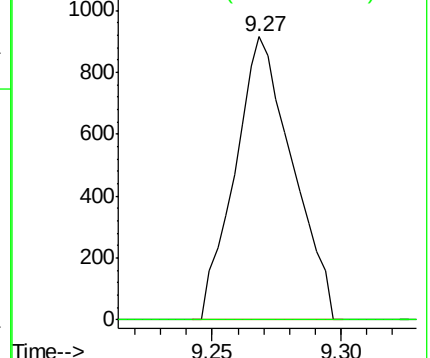
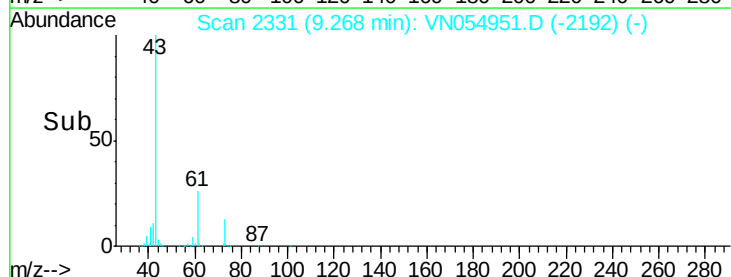
63 100

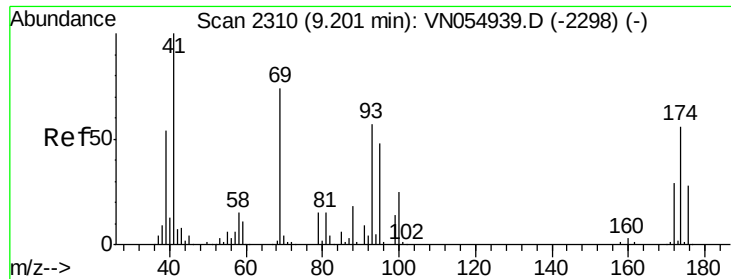
65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

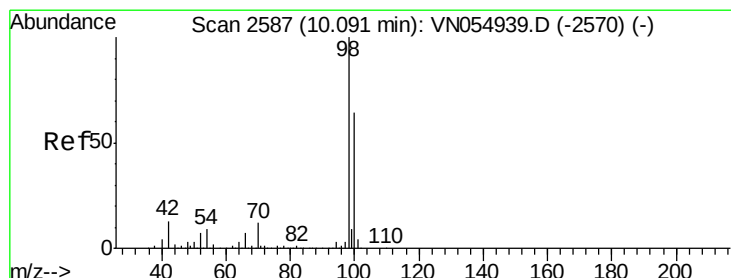
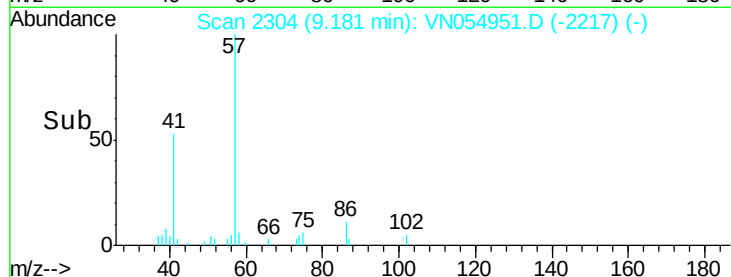
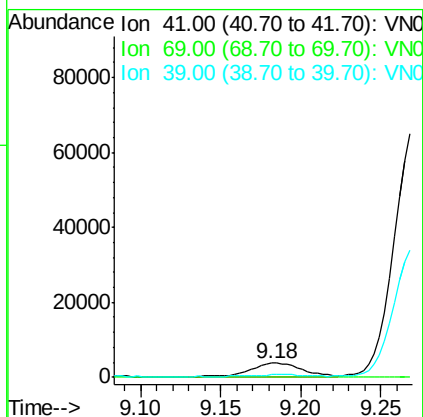
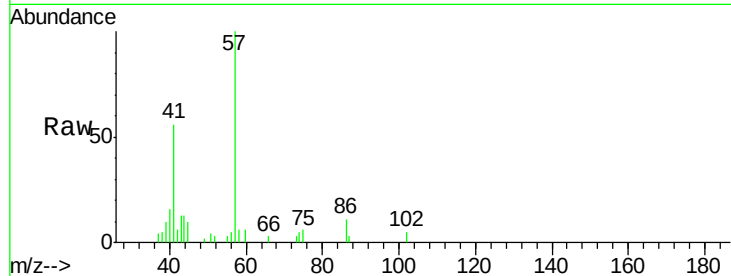




#48
Methyl methacrylate
Concen: 1.650 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

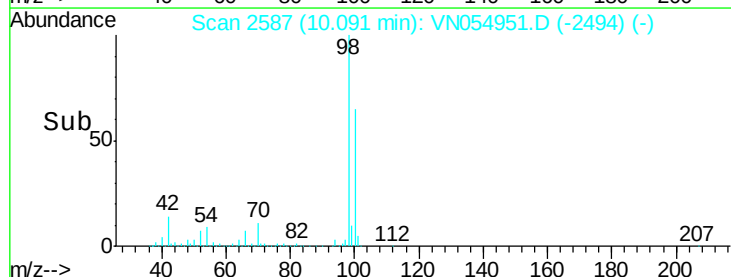
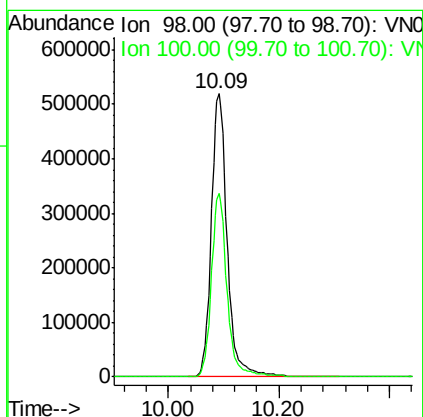
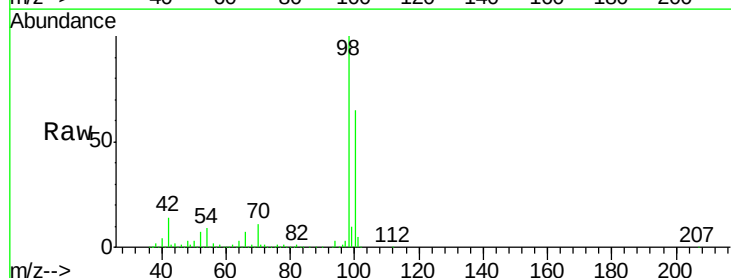
Instrument :
MSVOA_N
ClientSampled :
TP-3D

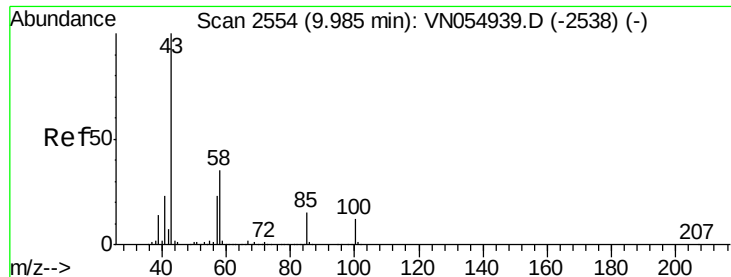
Tgt Ion: 41 Resp: 8041
Ion Ratio Lower Upper
41 100
69 0.0 58.9 88.3#
39 0.0 44.2 66.4#



#50
Toluene-d8
Concen: 49.885 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

Tgt Ion: 98 Resp: 1035168
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 1.724 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampled :

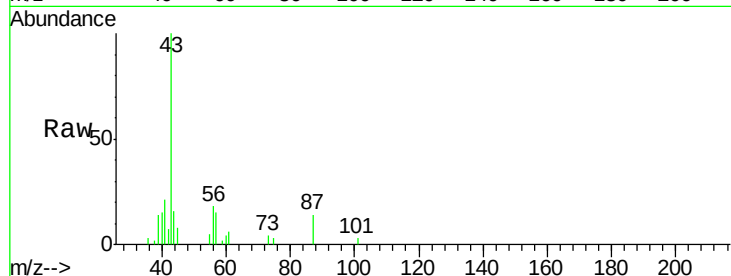
TP-3D

Tgt Ion: 43 Resp: 9261

Ion Ratio Lower Upper

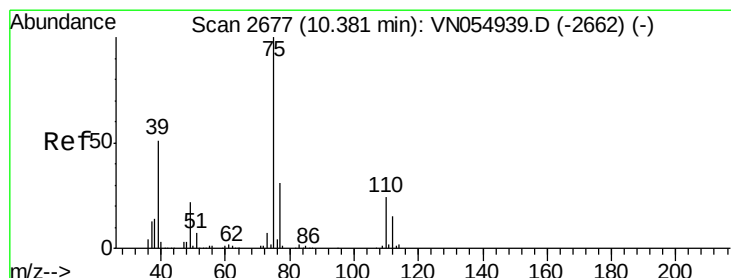
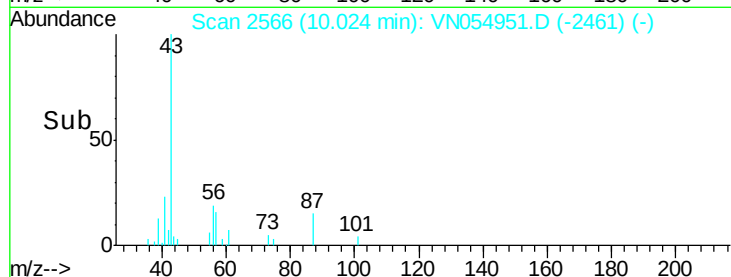
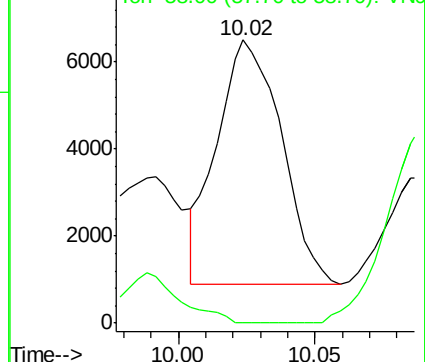
43 100

58 0.0 28.3 42.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.047 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054951.D

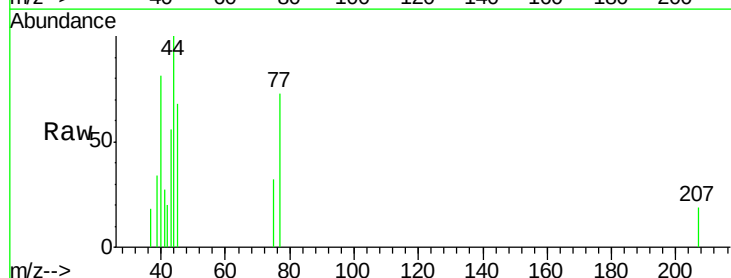
Acq: 4 Apr 2019 16:52

Tgt Ion: 75 Resp: 170

Ion Ratio Lower Upper

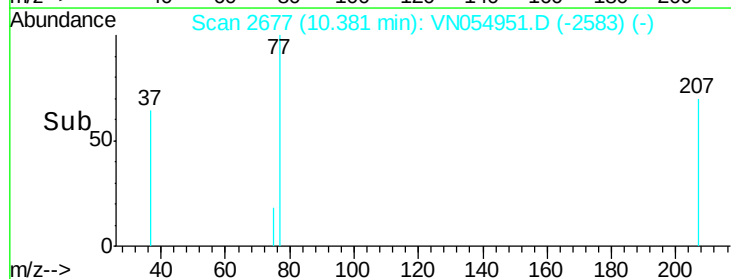
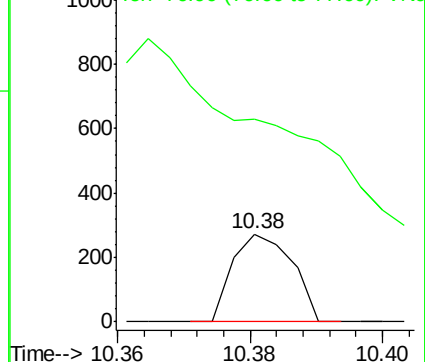
75 100

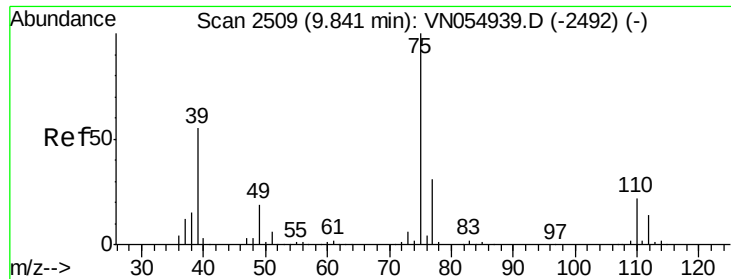
77 42.1 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



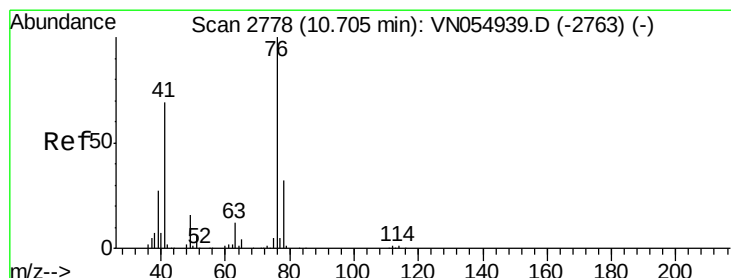
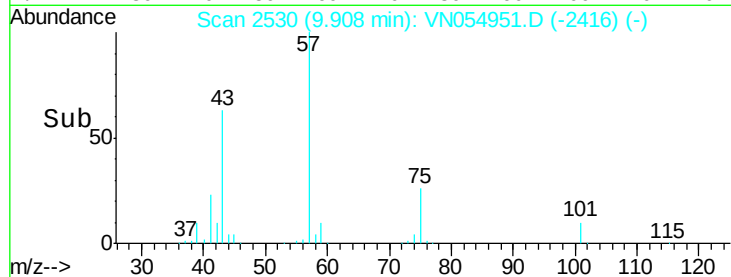
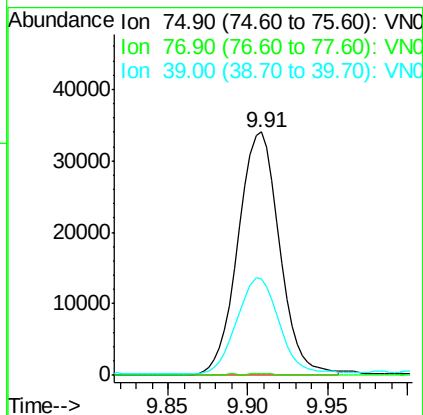
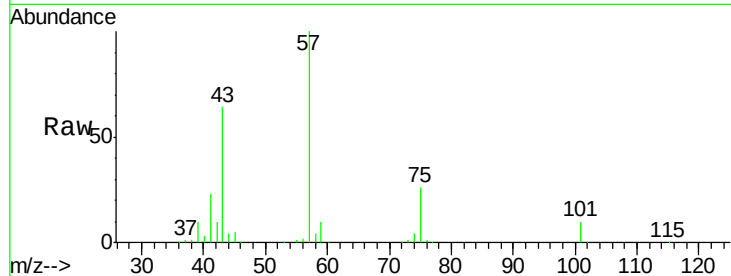


#54

cis-1,3-Dichloropropene
 Concen: 6.746 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054951.D
 Acq: 4 Apr 2019 16:52

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3D

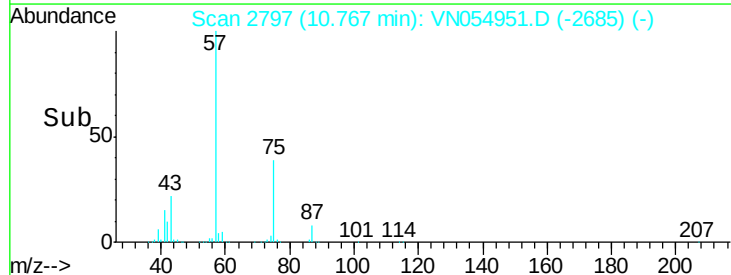
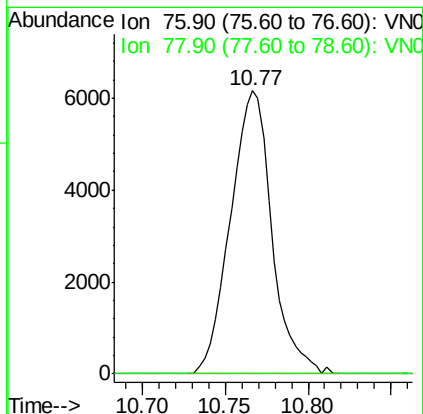
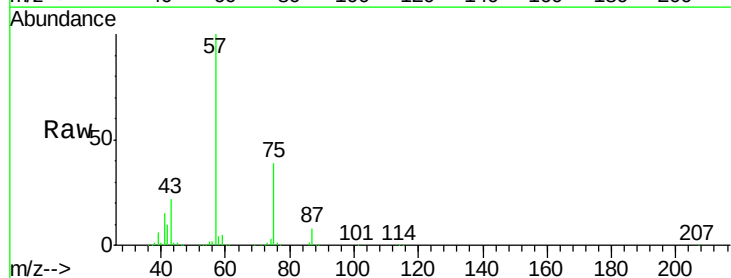
Tgt Ion: 75 Resp: 60357
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.4#
 39 38.7 43.9 65.9#

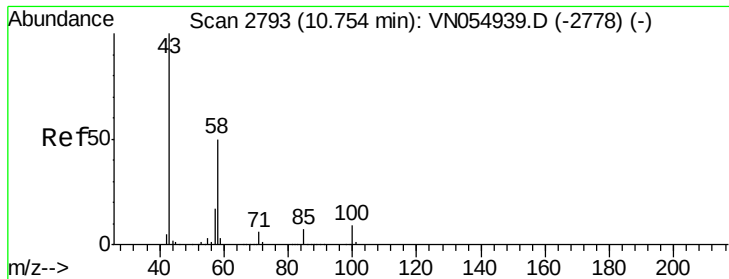


#57

1,3-Dichloropropane
 Concen: 1.193 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054951.D
 Acq: 4 Apr 2019 16:52

Tgt Ion: 76 Resp: 10669
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

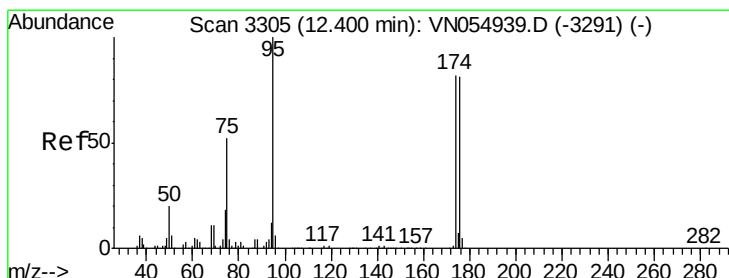
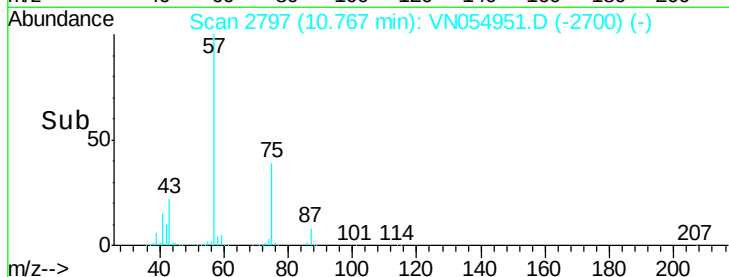
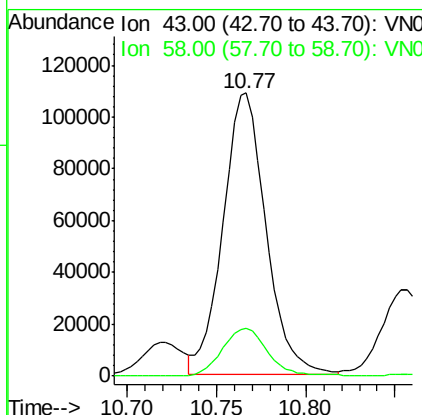
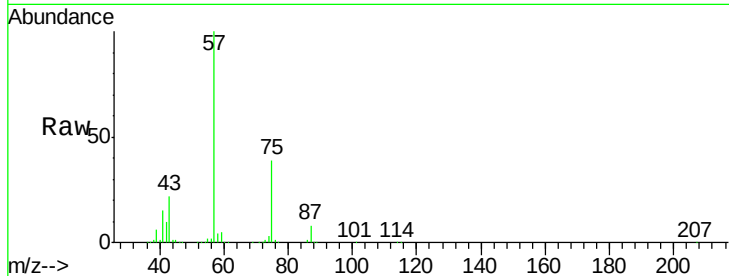




#59
2-Hexanone
Concen: 54.490 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

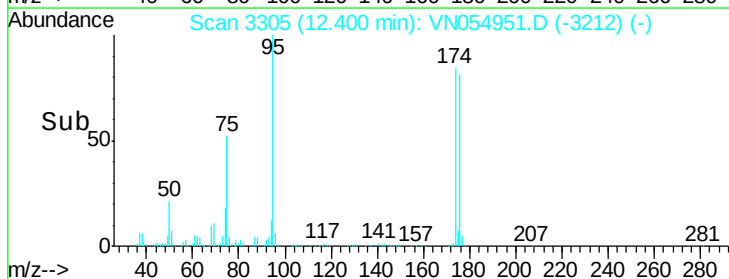
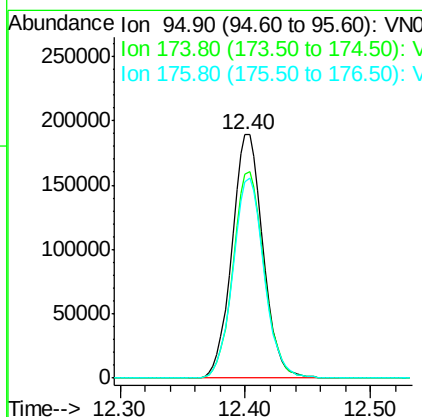
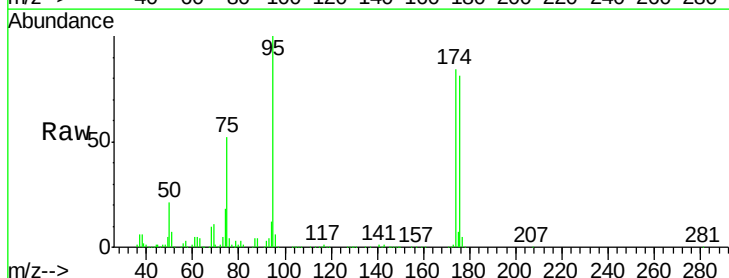
Instrument :
MSVOA_N
ClientSampled :
TP-3D

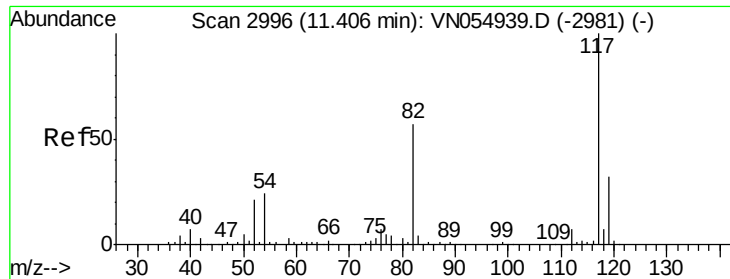
Tgt Ion: 43 Resp: 182804
Ion Ratio Lower Upper
43 100
58 18.2 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 46.990 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

Tgt Ion: 95 Resp: 325414
Ion Ratio Lower Upper
95 100
174 84.7 0.0 166.2
176 82.3 0.0 163.2

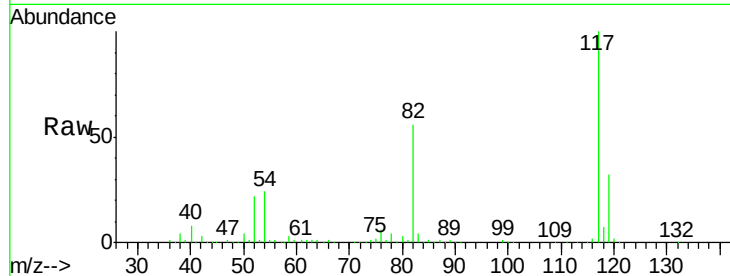




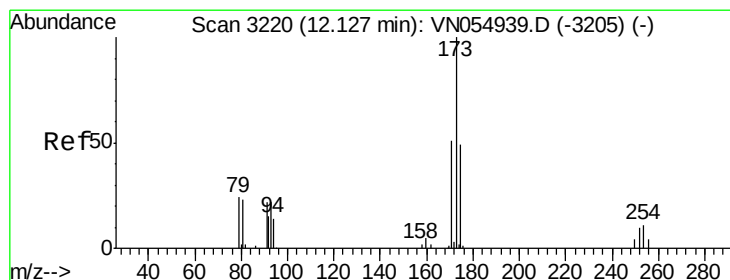
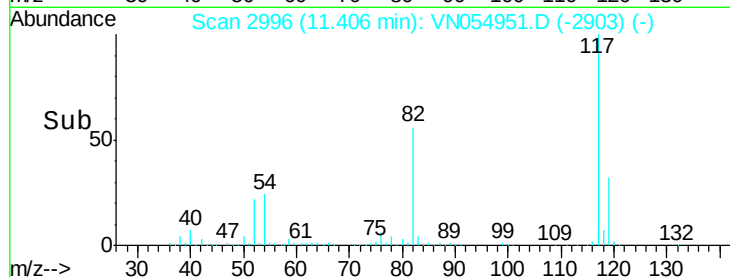
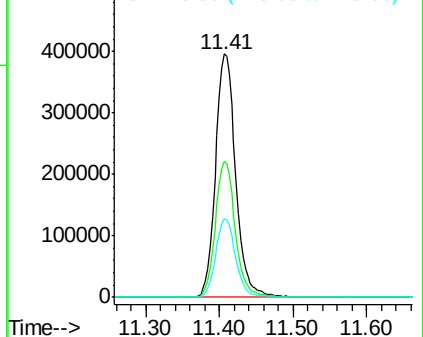
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

Instrument :
MSVOA_N
ClientSampled :
TP-3D

Tgt Ion:117 Resp: 747496
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.2 25.8 38.6

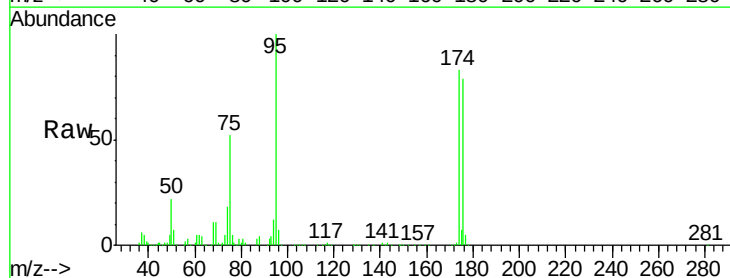


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

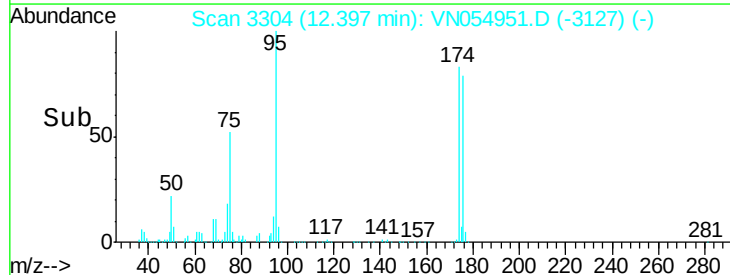
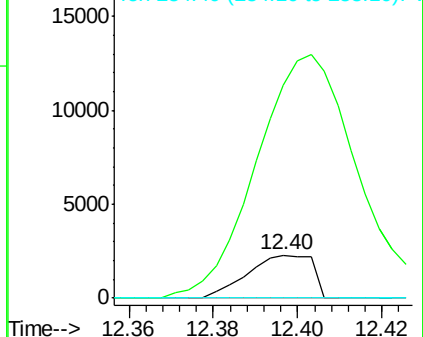


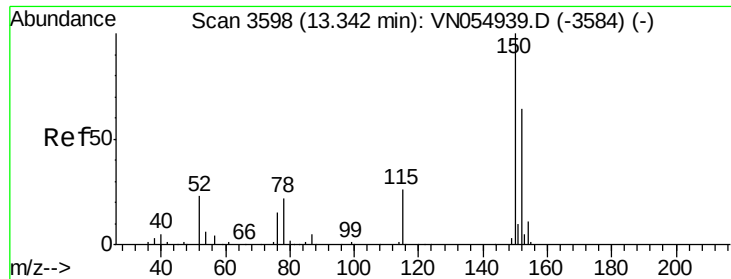
#71
Bromoform
Concen: 0.726 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN054951.D
Acq: 4 Apr 2019 16:52

Tgt Ion:173 Resp: 2435
Ion Ratio Lower Upper
173 100
175 755.5 24.1 72.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

TP-3D

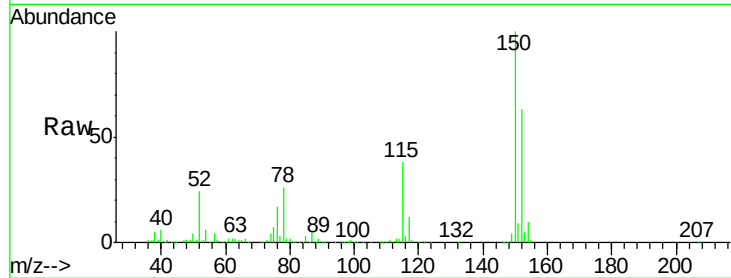
Tgt Ion:152 Resp: 273735

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.8

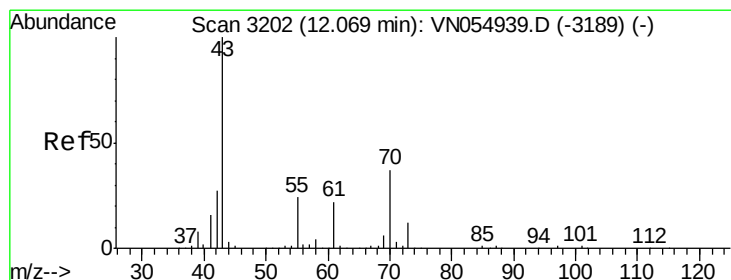
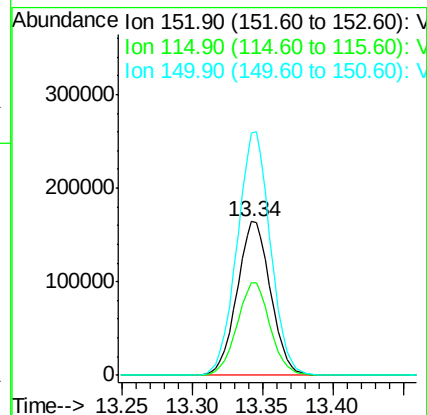
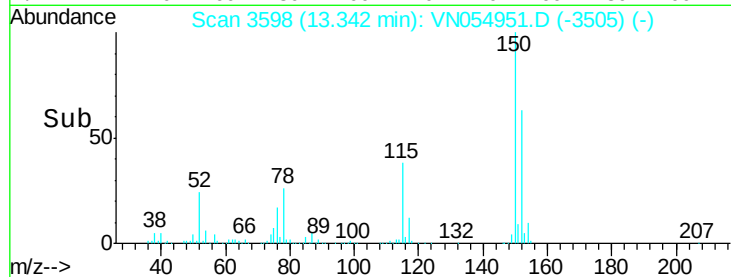
150 157.3 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.959 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Tgt Ion: 43 Resp: 19020

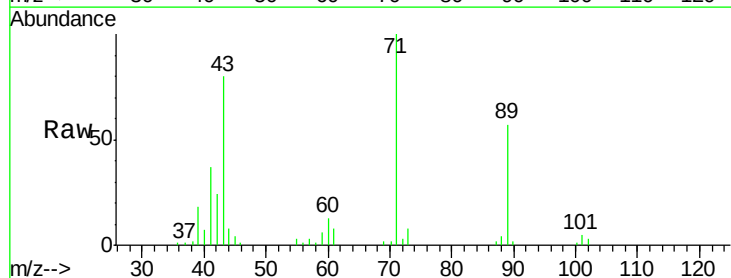
Ion Ratio Lower Upper

43 100

70 1.0 29.3 43.9#

55 4.6 19.2 28.8#

61 10.4 17.4 26.2#

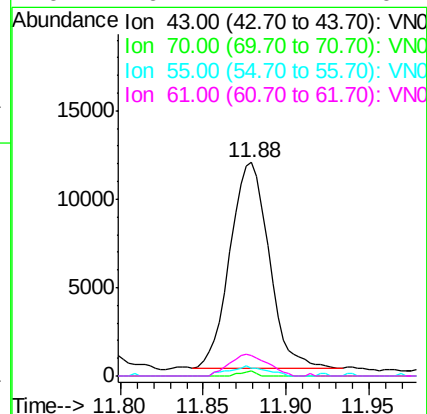
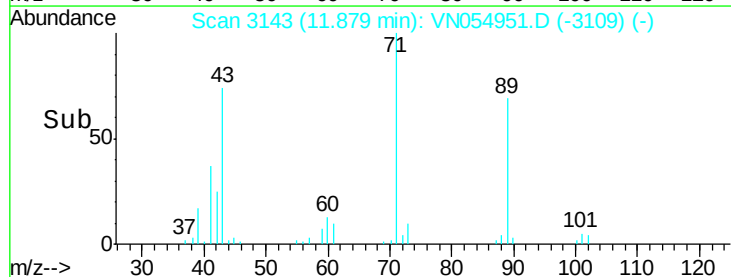


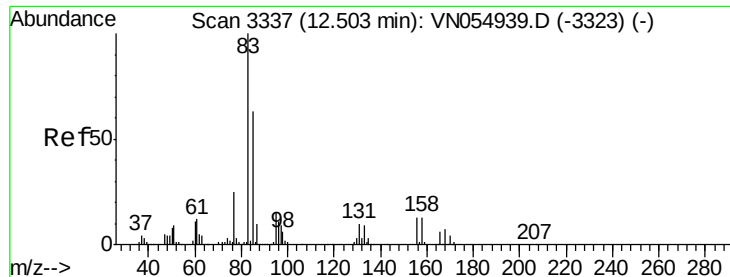
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.43 min Scan# 3315

Delta R.T. -0.07 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampled :

TP-3D

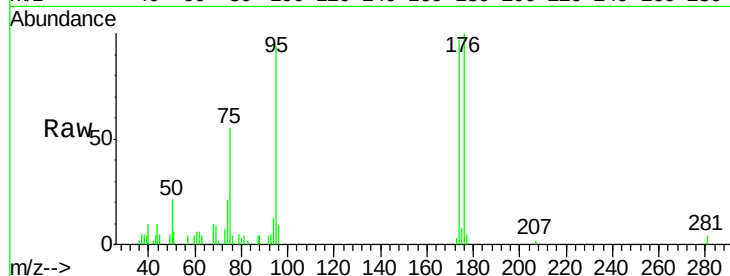
Tgt Ion: 83 Resp: 32

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

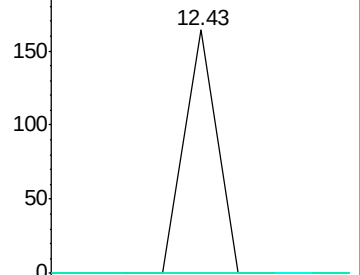
85 0.0 31.4 94.0#



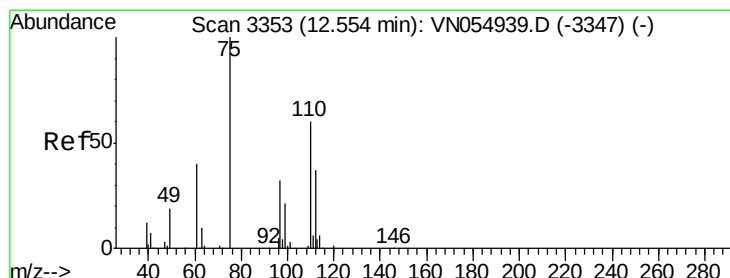
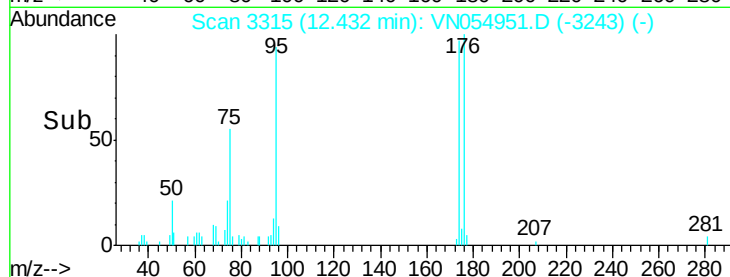
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time--> 12.42 12.43 12.44



#76

1,2,3-Trichloropropane

Concen: 39.148 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054951.D

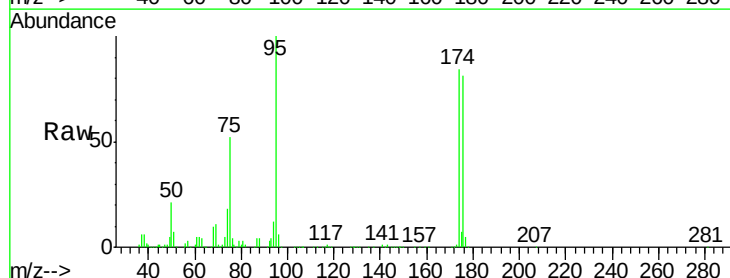
Acq: 4 Apr 2019 16:52

Tgt Ion: 75 Resp: 168317

Ion Ratio Lower Upper

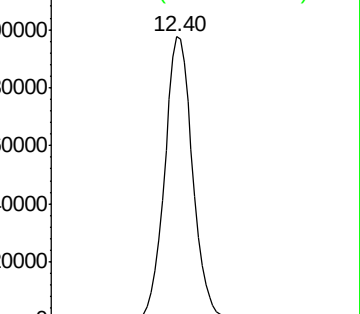
75 100

77 1.1 0.0 0.0#

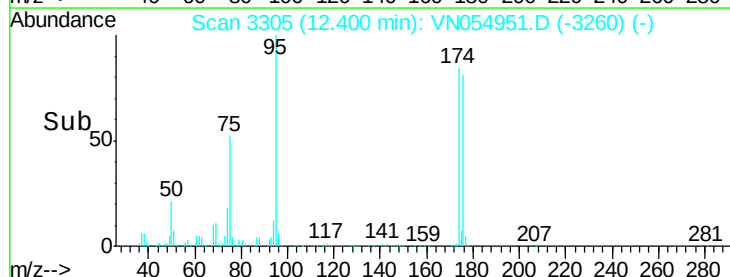


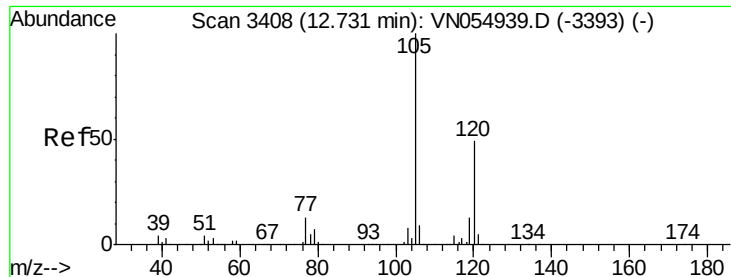
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time--> 12.30 12.40 12.50





#80

1,3,5-Trimethylbenzene

Concen: 0.451 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

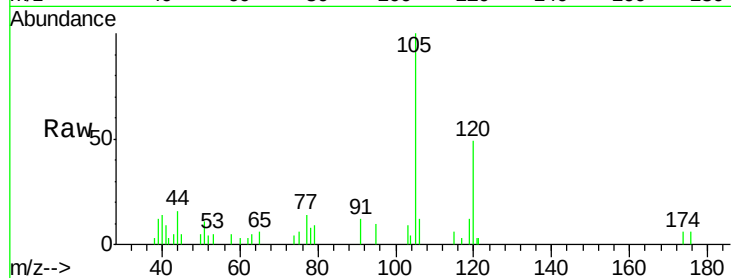
TP-3D

Tgt Ion: 105 Resp: 8566

Ion Ratio Lower Upper

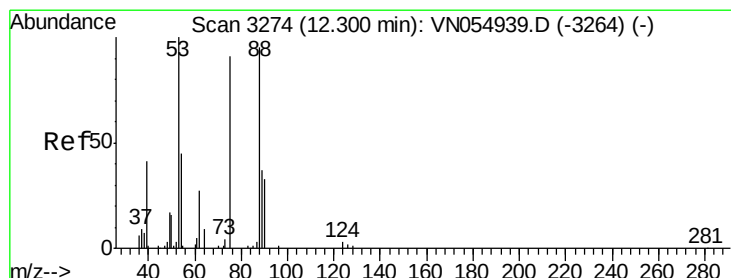
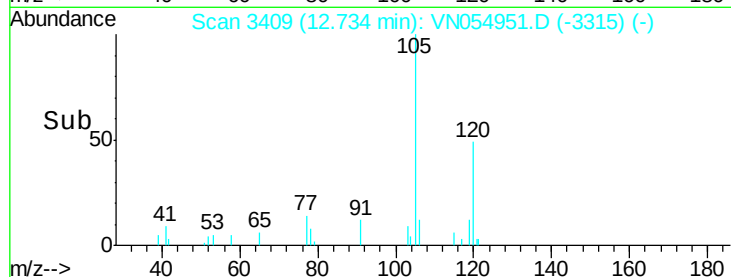
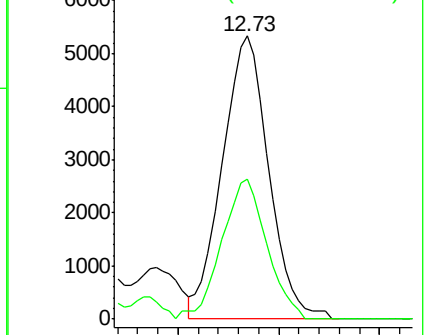
105 100

120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 142.034 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

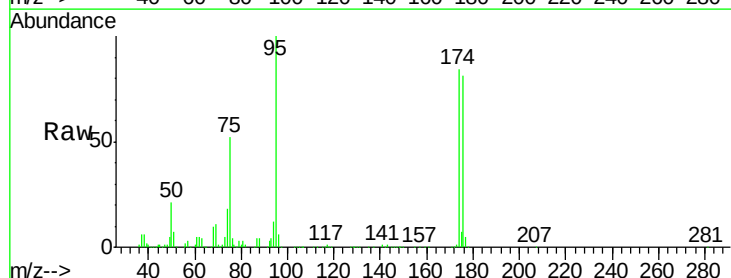
Tgt Ion: 75 Resp: 168317

Ion Ratio Lower Upper

75 100

53 0.0 92.8 139.2#

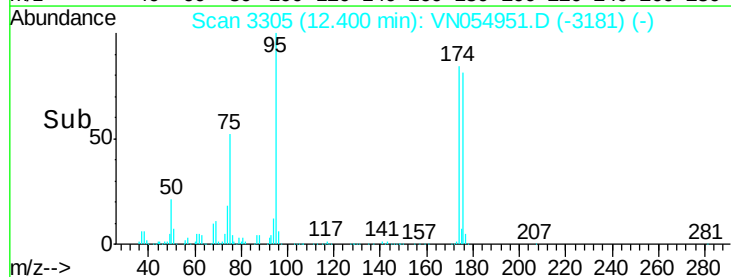
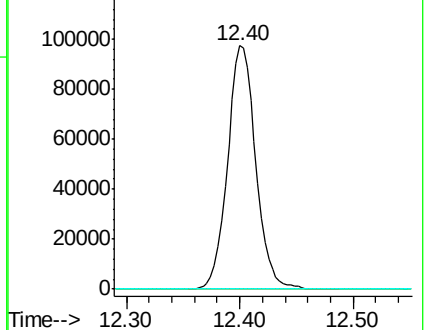
89 0.0 36.7 55.1#

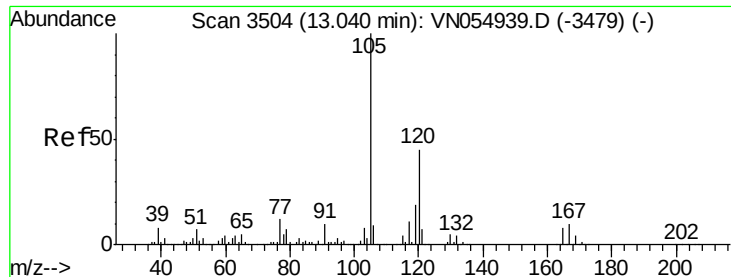


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

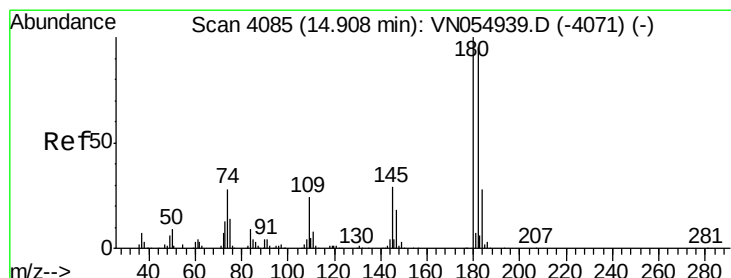
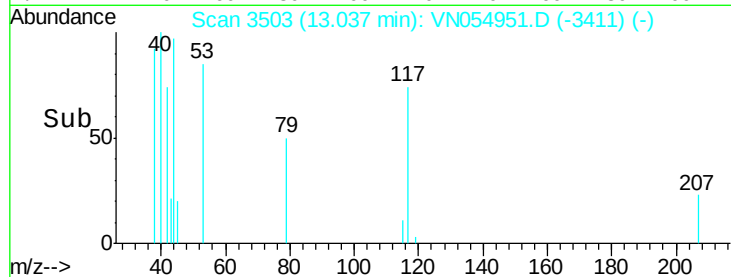
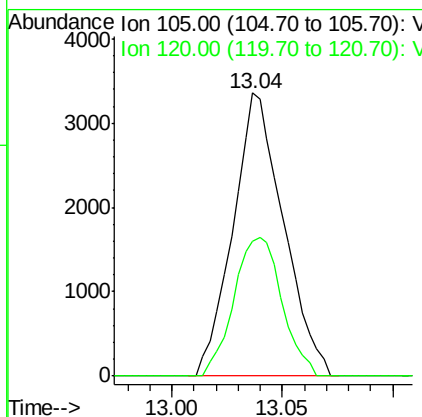
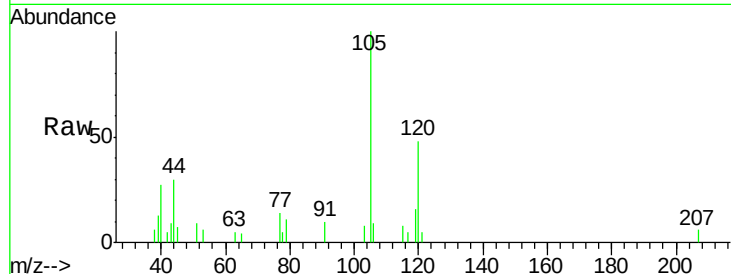




#84
 1,2,4-Trimethylbenzene
 Concen: 0.290 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN054951.D
 Acq: 4 Apr 2019 16:52

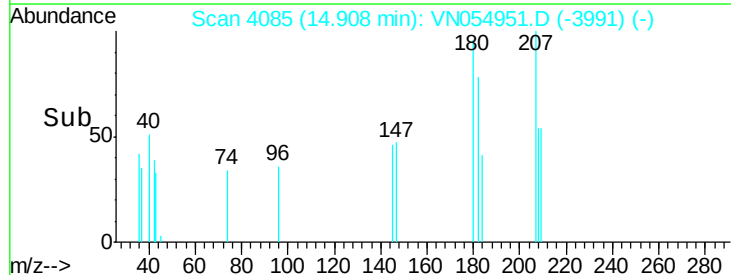
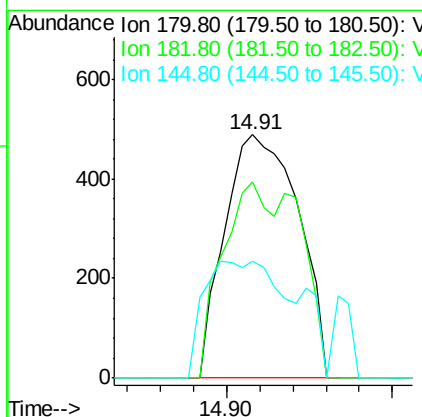
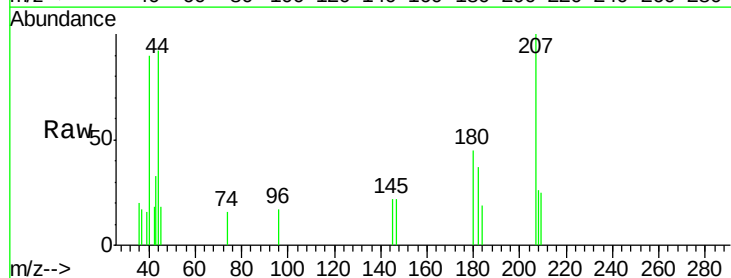
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3D

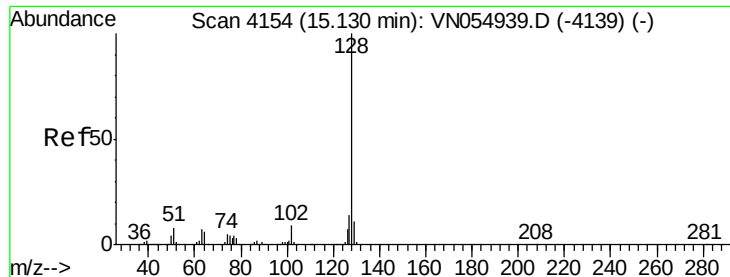
Tgt Ion:105 Resp: 5331
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.4 67.3



#93
 1,2,4-Trichlorobenzene
 Concen: 2.603 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054951.D
 Acq: 4 Apr 2019 16:52

Tgt Ion:180 Resp: 755
 Ion Ratio Lower Upper
 180 100
 182 55.4 47.5 142.6
 145 59.9 14.6 43.8#





#95

Naphthalene

Concen: 3.339 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampled :

TP-3D

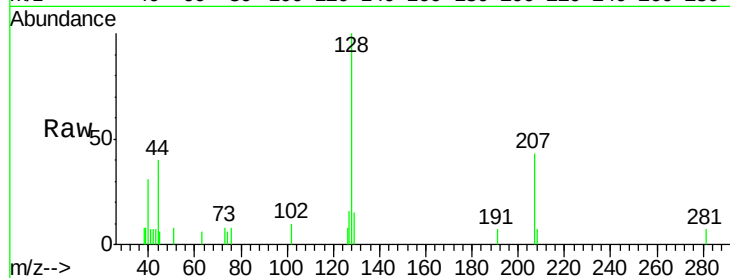
Tgt Ion:128 Resp: 5175

Ion Ratio Lower Upper

128 100

127 11.2 10.6 16.0

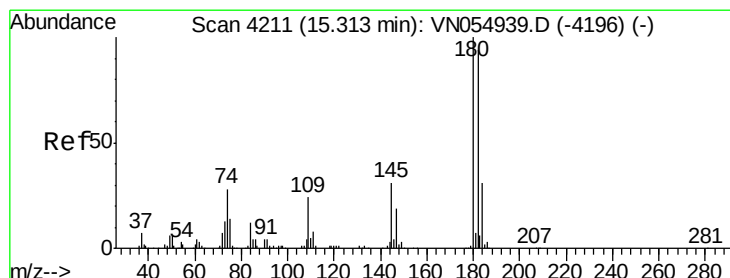
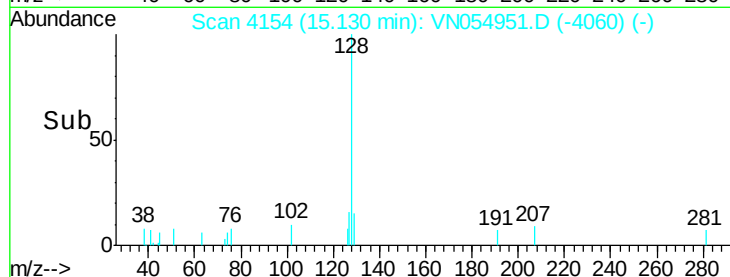
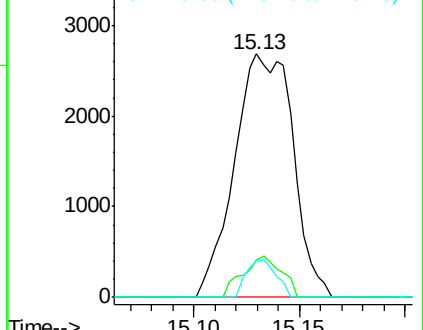
129 7.8 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.234 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

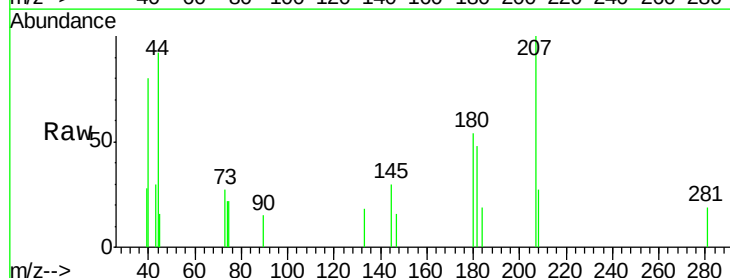
Tgt Ion:180 Resp: 983

Ion Ratio Lower Upper

180 100

182 64.8 47.5 142.5

145 50.5 15.6 46.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

