

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056002.D
 Acq On : 5 Jun 2019 12:01
 Operator : JC/SP
 Sample : K2640-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 01:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	379381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	573715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	536243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	176327	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.59	113	161755	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	10.09	98	673350	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	222905	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109	0.381	ug/l #	42
11) Tert butyl alcohol	4.81	59	5026	7.667	ug/l #	75
13) Acrolein	3.61	56	192	1.016	ug/l #	50
14) Allyl chloride	4.08	41	17555	3.491	ug/l #	64
16) Acetone	3.82	43	101729	56.466	ug/l	97
18) Methyl Acetate	4.33	43	8131	1.740	ug/l	97
25) 2-Butanone	6.85	43	6220	2.733	ug/l	99
29) Tetrahydrofuran	7.23	42	424	0.301	ug/l #	32
31) Cyclohexane	7.66	56	5721	0.957	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	21943	4.448	ug/l #	48
37) Ethyl Acetate	6.85	43	6220	1.417	ug/l #	67
38) Carbon Tetrachloride	7.66	117	29983	6.592	ug/l #	14
40) Benzene	8.04	78	13846	0.924	ug/l	96
43) Isopropyl Acetate	8.13	43	1872	0.263	ug/l #	1
49) 1,4-Dioxane	8.96	88	59	0.785	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	979	0.220	ug/l #	84
52) Toluene	10.16	92	54454	5.841	ug/l	99
53) t-1,3-Dichloropropene	10.15	75	559	2.498	ug/l #	1
57) 1,3-Dichloropropane	10.81	76	2922	0.487	ug/l #	42
59) 2-Hexanone	10.82	43	153192	47.519	ug/l #	45
60) Dibromochloromethane	10.63	129	195	2.497	ug/l #	11
68) m/p-Xylenes	11.62	106	2897	0.409	ug/l	97
71) Bromoform	12.40	173	1503	3.201	ug/l #	1
73) Isopropylbenzene	12.25	105	1052	Below Cal		85
76) 1,2,3-Trichloropropane	12.40	75	101147	28.830	ug/l #	100
79) 2-Chlorotoluene	12.67	91	795	Below Cal		73
81) trans-1,4-Dichloro-2-buten	12.40	75	101147	96.009	ug/l #	15
83) tert-Butylbenzene	13.00	119	861	Below Cal	#	80
84) 1,2,4-Trimethylbenzene	13.04	105	2636	0.217	ug/l	100
89) n-Butylbenzene	13.62	91	2366	0.250	ug/l	94
93) 1,2,4-Trichlorobenzene	14.90	180	1826	4.745	ug/l	90
94) Hexachlorobutadiene	15.01	225	718	Below Cal		66
95) Naphthalene	15.13	128	6566	4.516	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	2001	3.556	ug/l	89

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

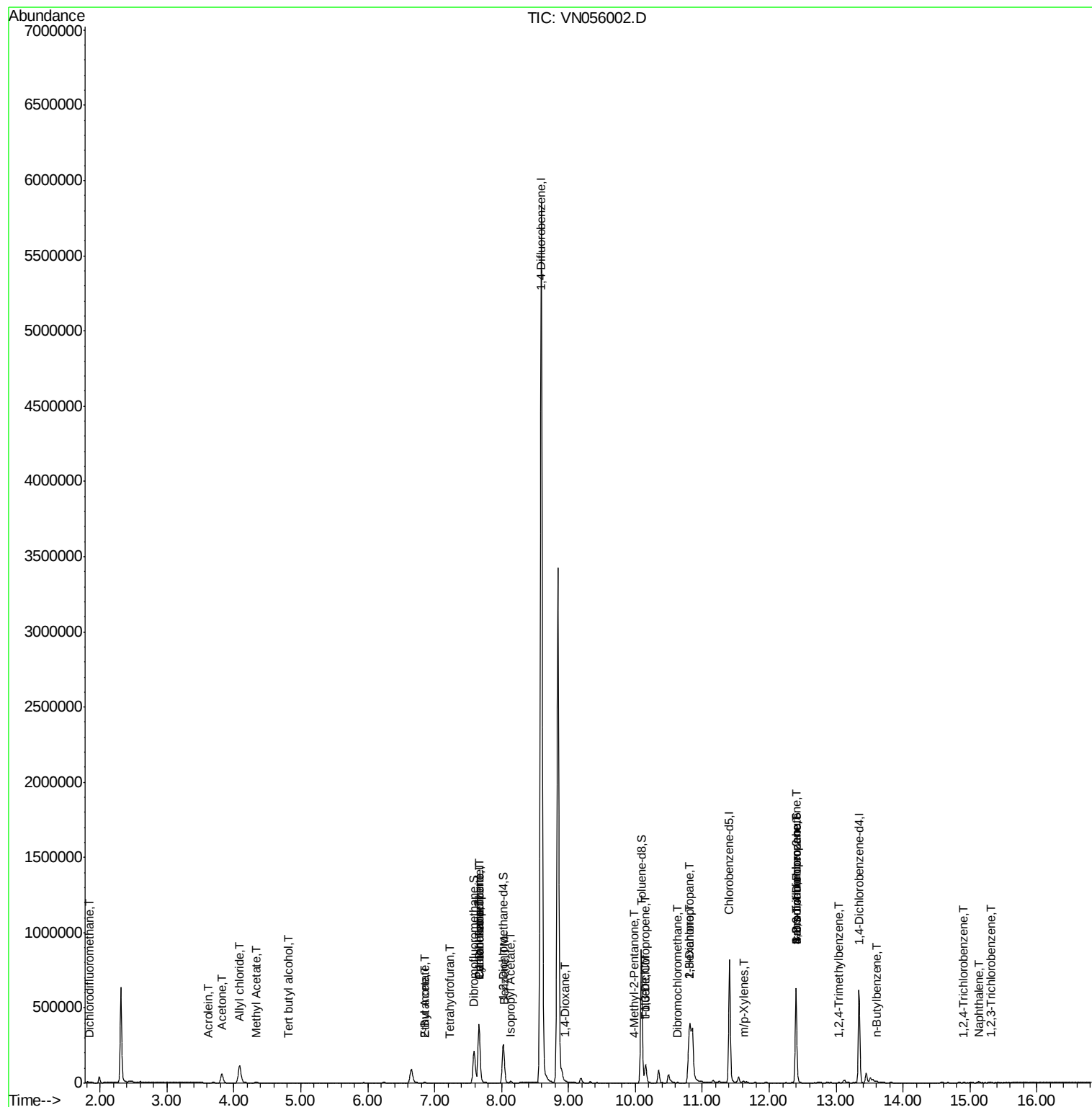
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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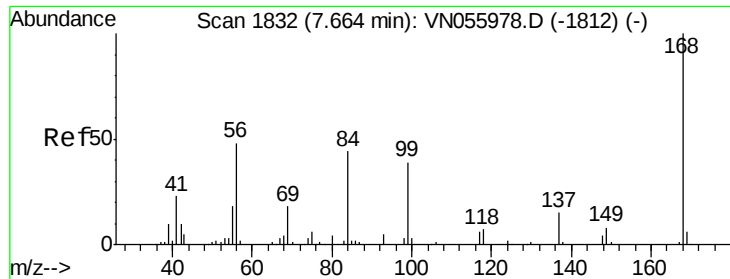
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

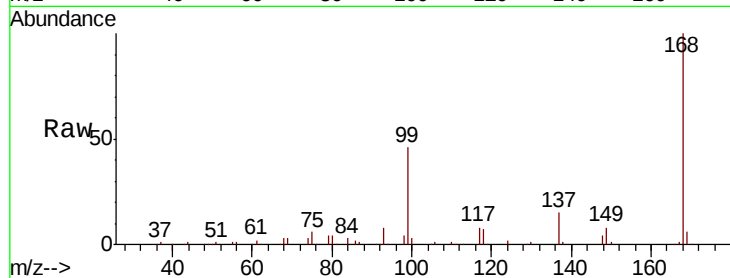
ClientSampled :

Tot Ion:168 Resp: 379381

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

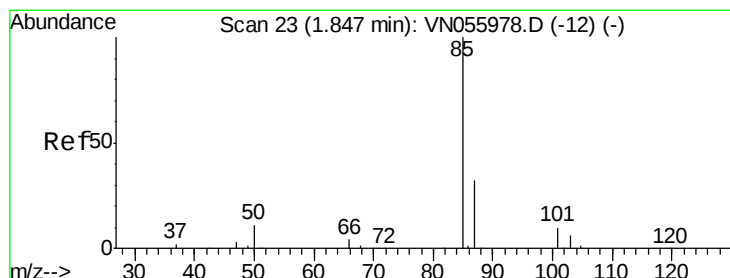
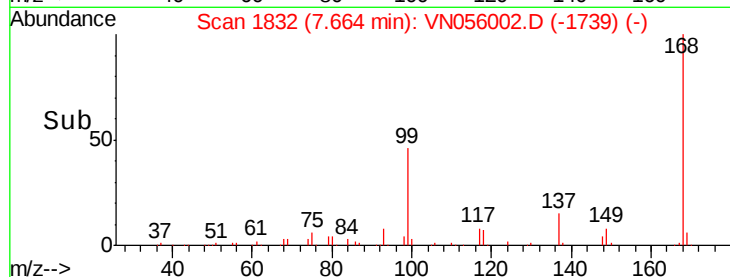
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.381 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056002.D

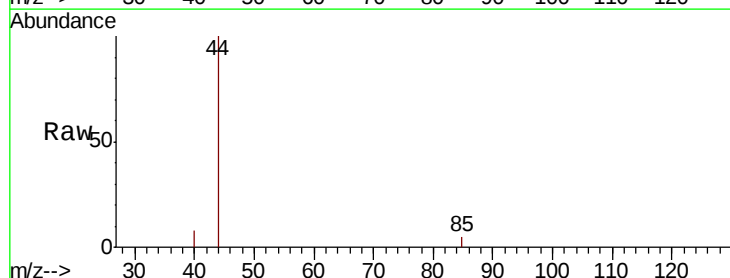
Acq: 5 Jun 2019 12:01

Tgt Ion: 85 Resp: 109

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

200

150

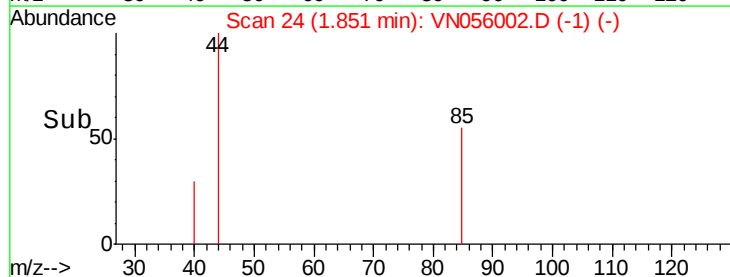
100

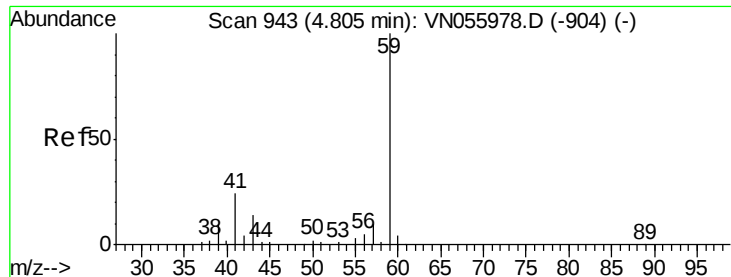
50

0

1.84 1.85 1.86

Time-->



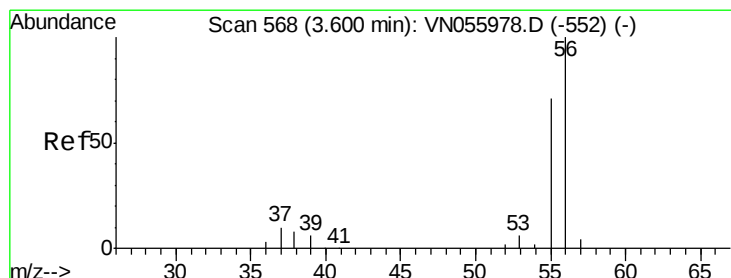
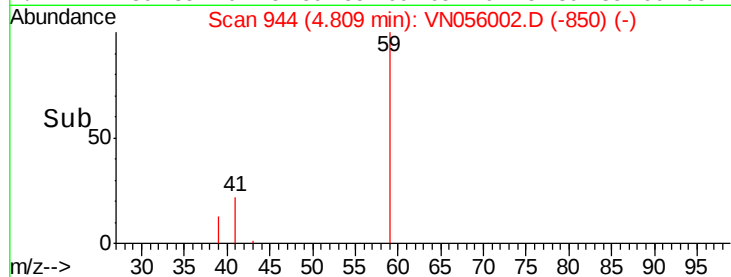
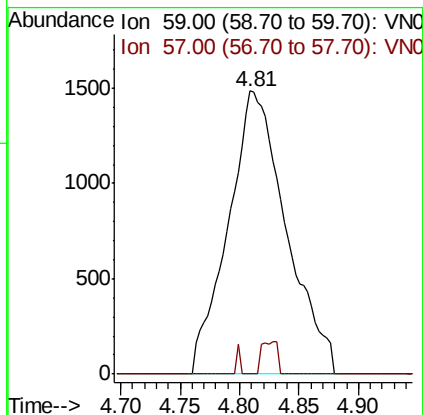
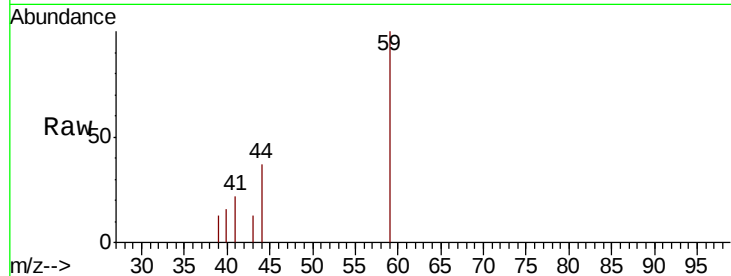


#11

Tert butyl alcohol
 Concen: 7.667 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Instrument :
 MSVOA_N
 ClientSampled :

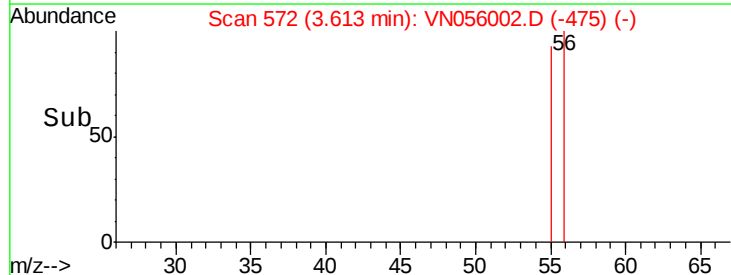
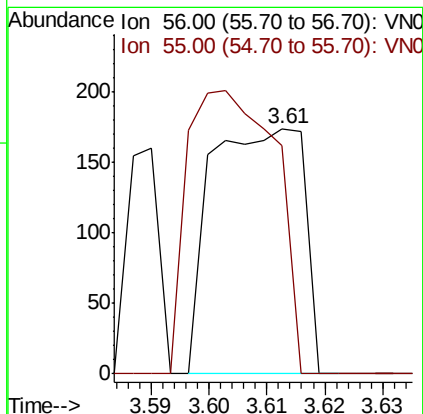
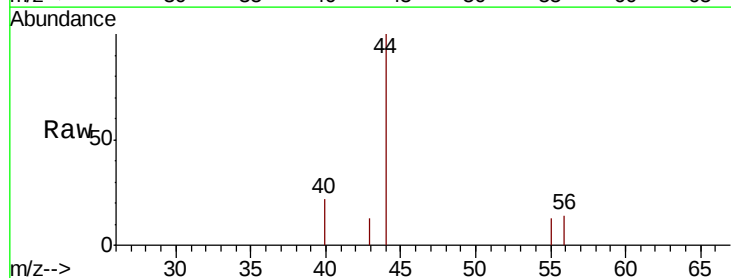
Tot Ion: 59 Resp: 5026
 Ion Ratio Lower Upper
 59 100
 57 0.6 7.8 11.6#

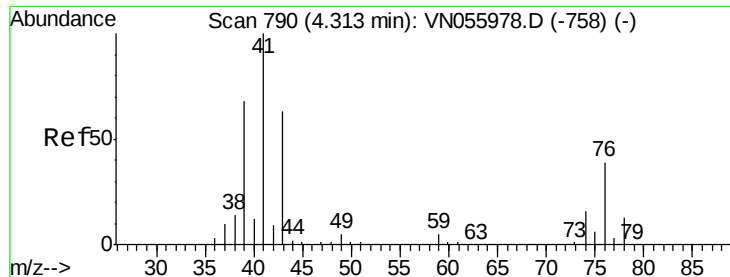


#13

Acrolein
 Concen: 1.016 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Tgt Ion: 56 Resp: 192
 Ion Ratio Lower Upper
 56 100
 55 109.9 55.4 83.2#

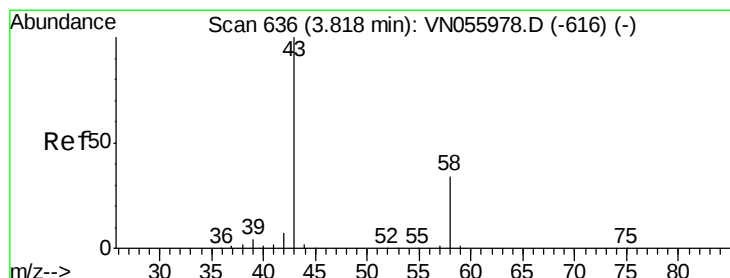
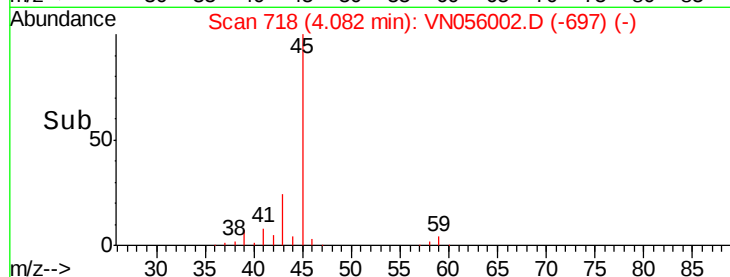
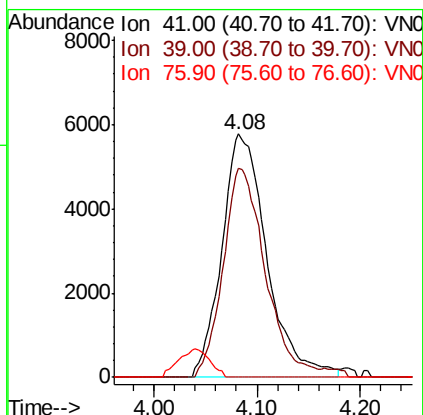
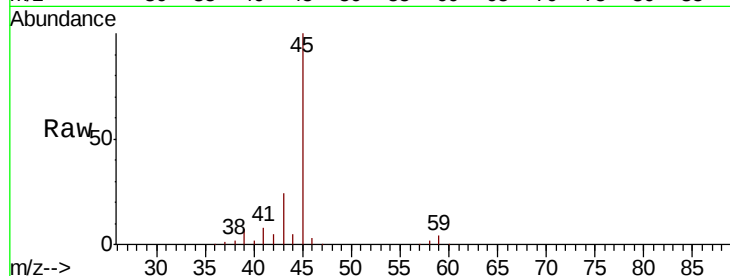




#14
Allvl chloride
Concen: 3.491 ug/l
RT: 4.08 min Scan# 718
Delta R.T. -0.23 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

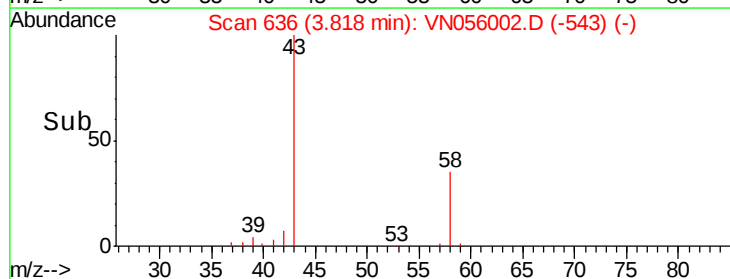
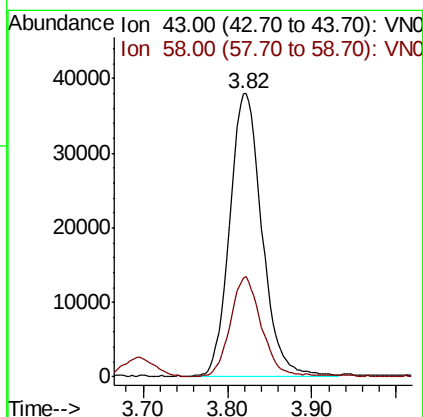
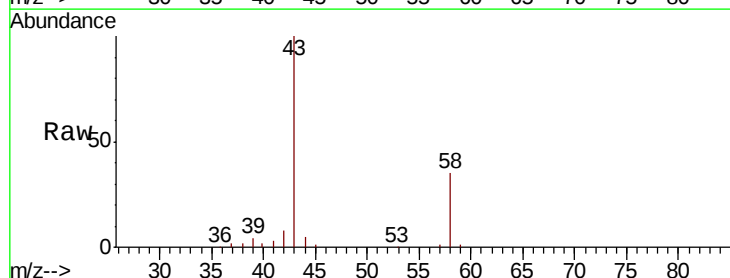
Instrument :
MSVOA_N
ClientSampleId :

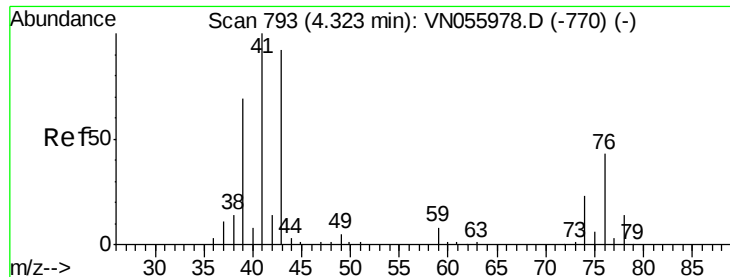
Tot Ion: 41 Resp: 17555
Ion Ratio Lower Upper
41 100
39 80.2 50.0 75.0#
76 0.0 28.2 42.2#



#16
Acetone
Concen: 56.466 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion: 43 Resp: 101729
Ion Ratio Lower Upper
43 100
58 35.0 26.6 39.8

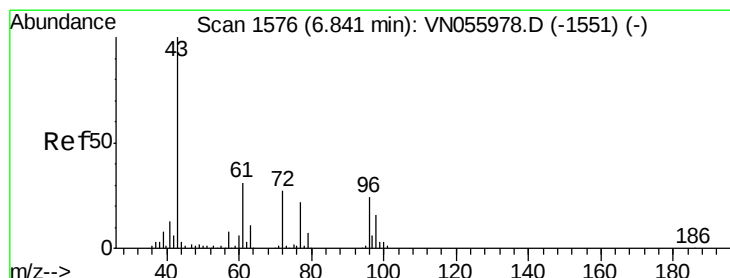
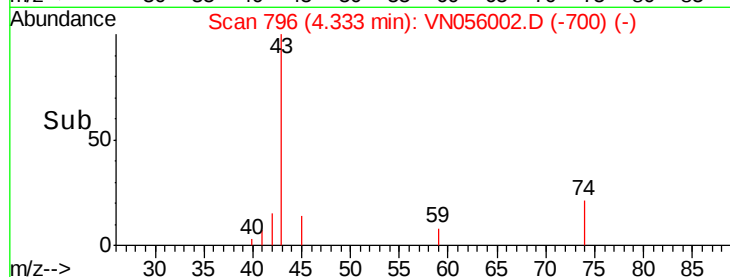
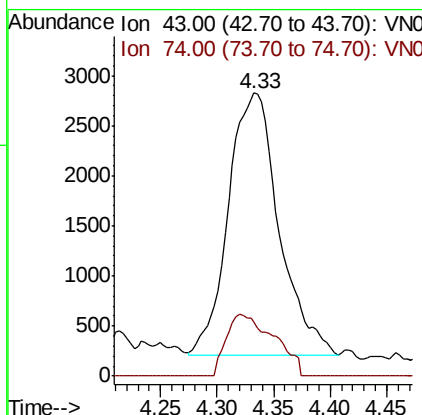
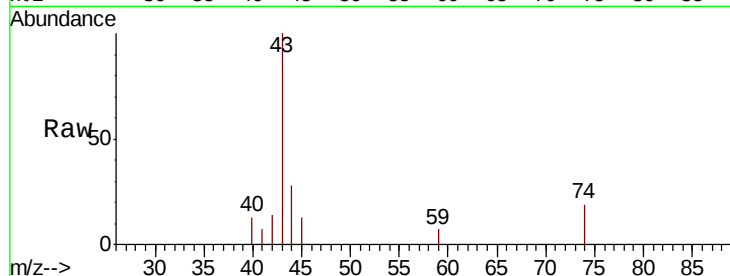




#18
Methyl Acetate
Concen: 1.740 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

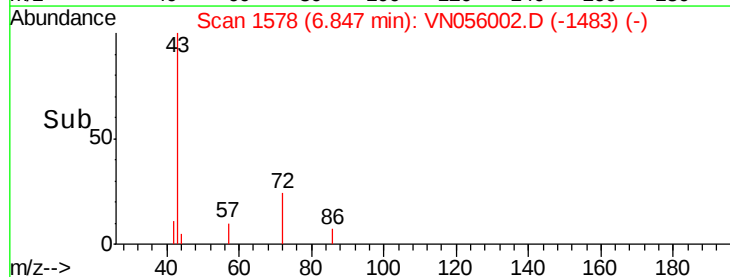
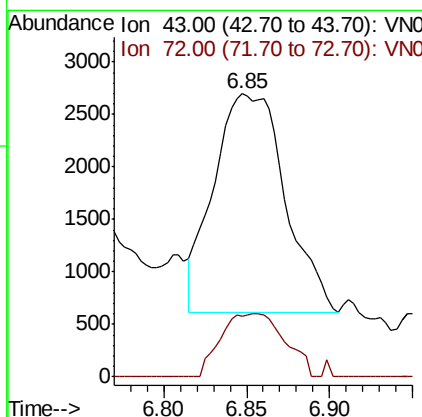
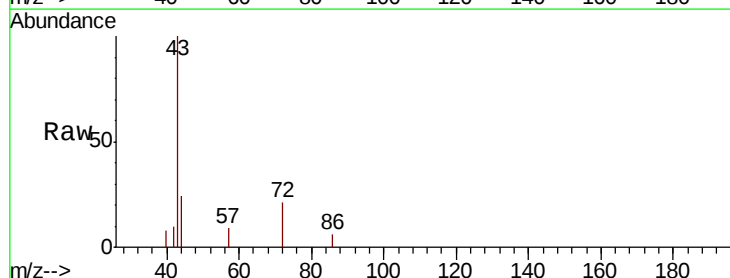
Instrument :
MSVOA_N
ClientSampleId :

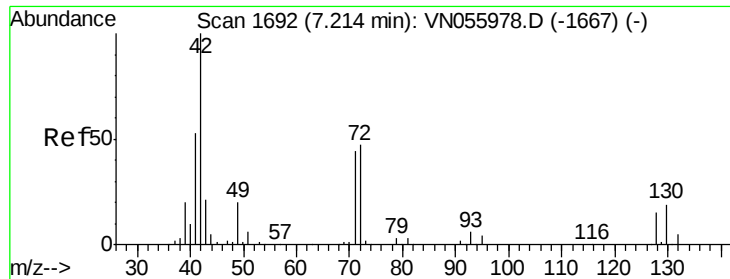
Tot Ion: 43 Resp: 8131
Ion Ratio Lower Upper
43 100
74 22.4 19.3 28.9



#25
2-Butanone
Concen: 2.733 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
72 27.8 21.9 32.9

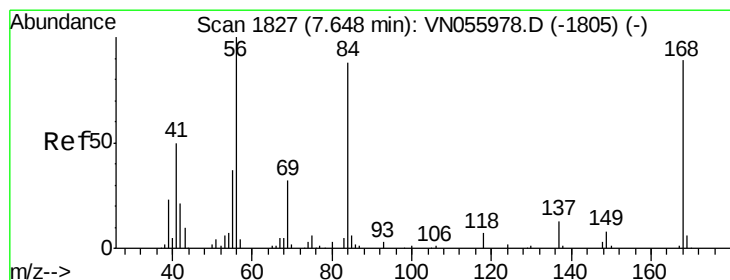
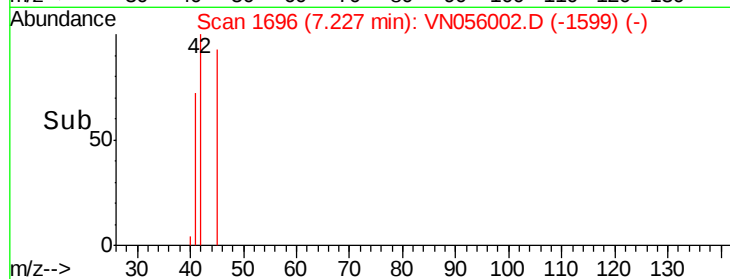
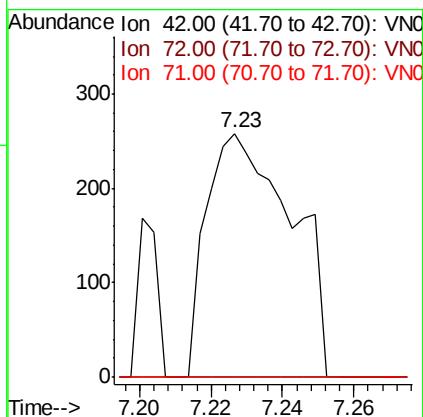
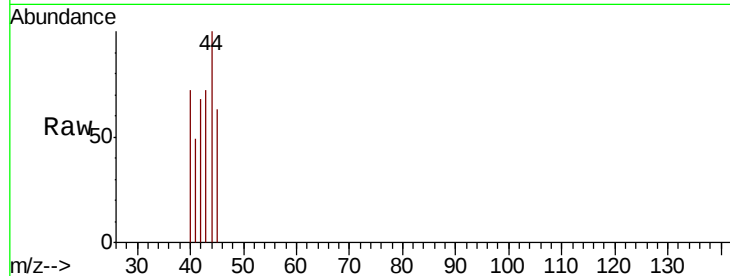




#29
Tetrahydrofuran
Concen: 0.301 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

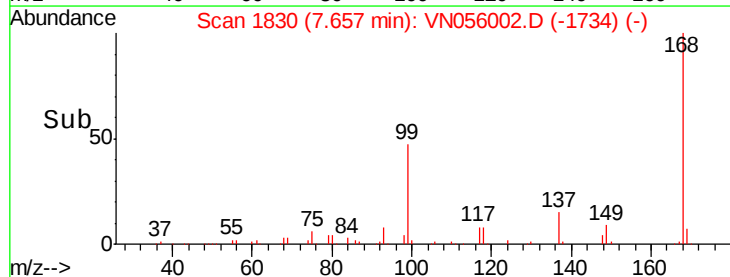
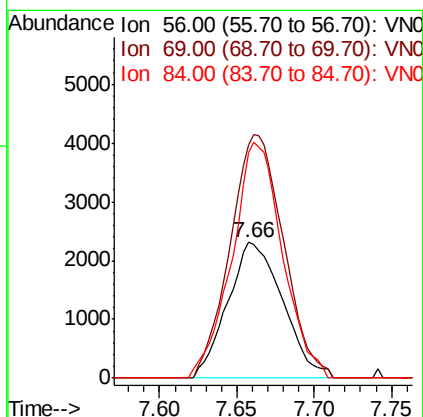
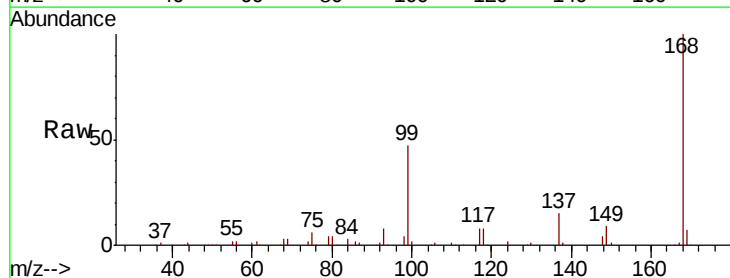
Instrument :
MSVOA_N
ClientSampled :

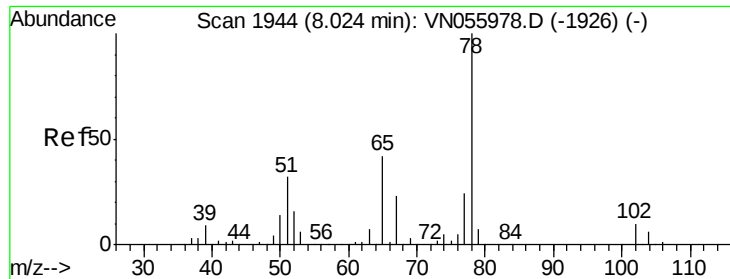
Tot Ion: 42 Resp: 424
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 34.0 51.0#



#31
Cyclohexane
Concen: 0.957 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion: 56 Resp: 5721
Ion Ratio Lower Upper
56 100
69 172.4 25.6 38.4#
84 166.6 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 46.809 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

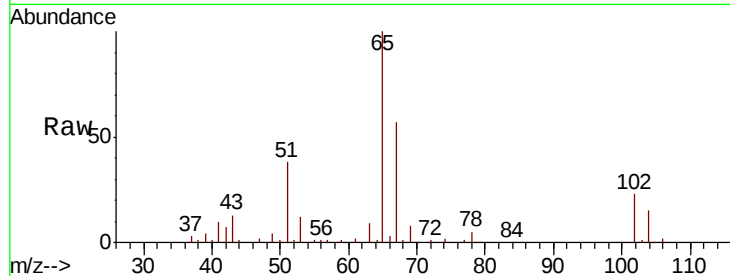
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 176327

Ion Ratio Lower Upper

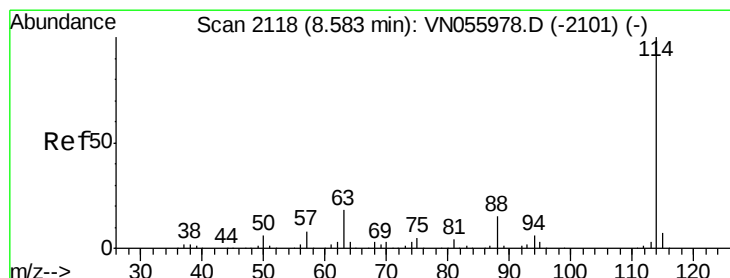
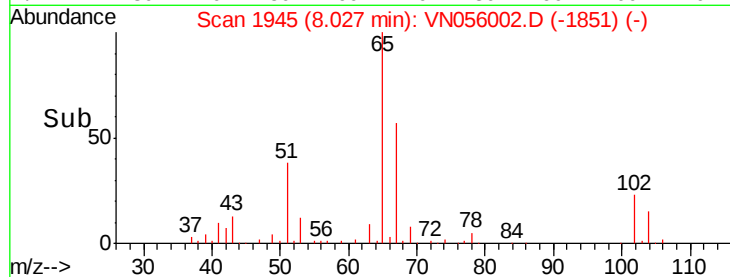
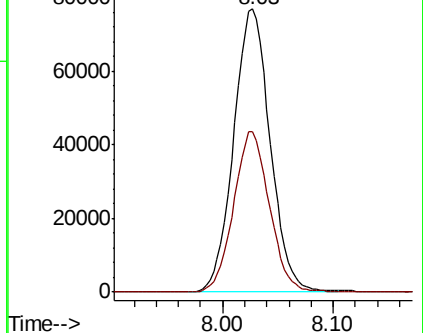
65 100

67 55.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

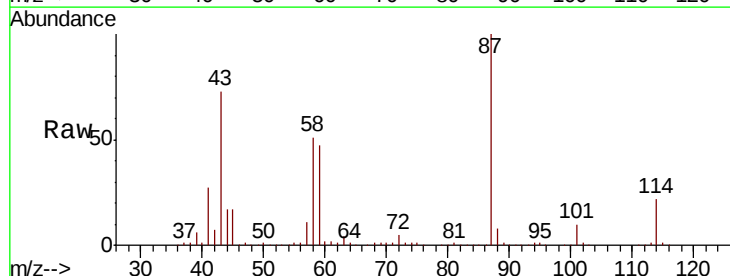
Tgt Ion: 114 Resp: 573715

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

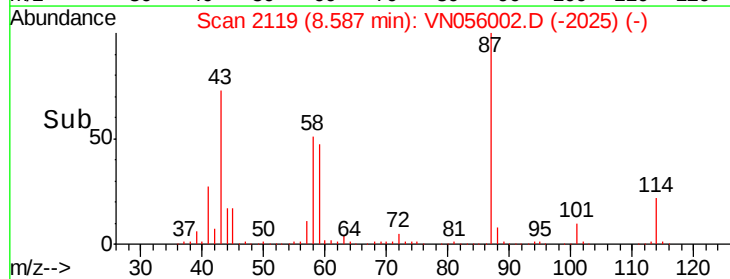
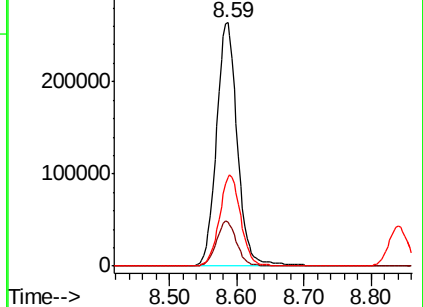
88 36.7 0.0 31.0#

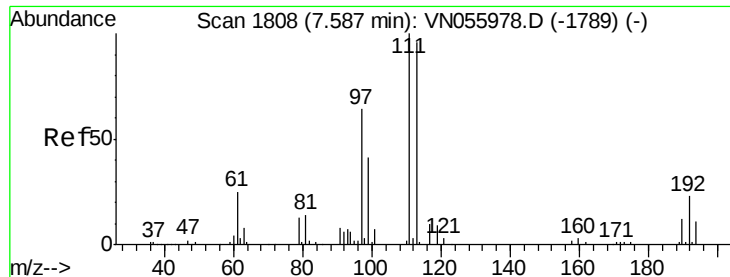


Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)

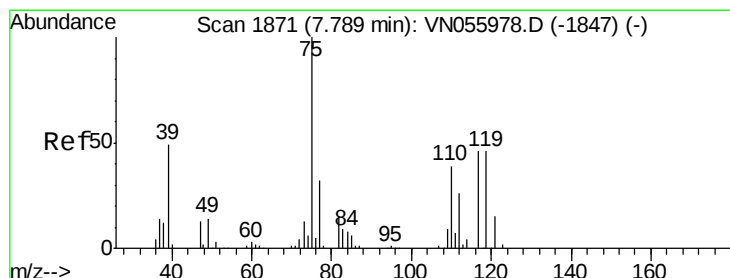
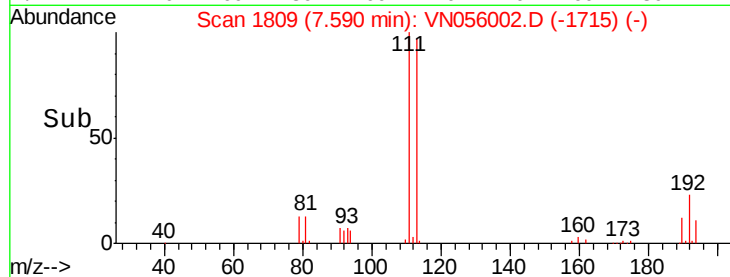
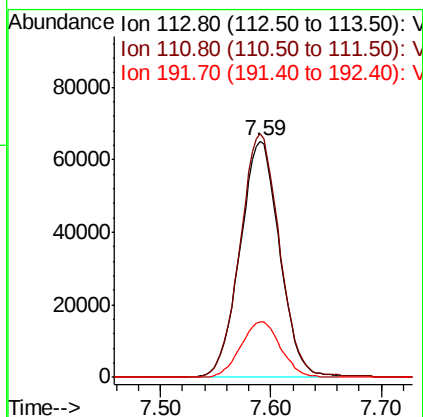
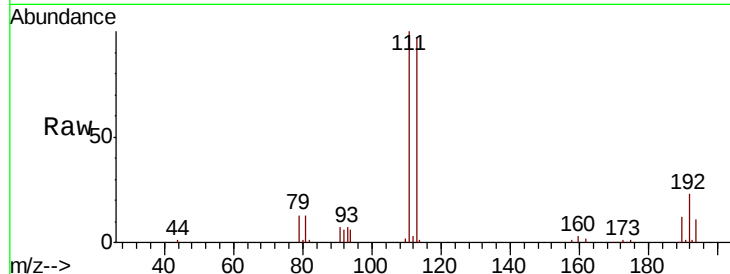




#35
 Dibromofluoromethane
 Concen: 45.954 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

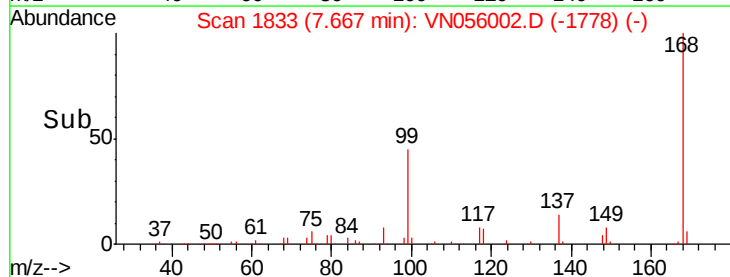
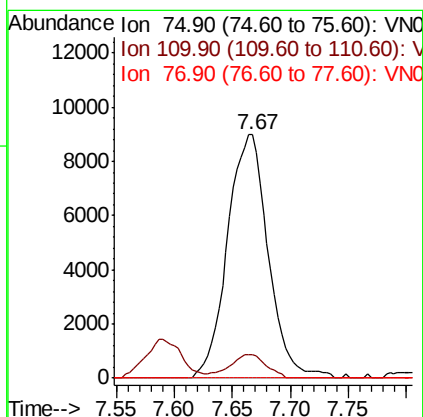
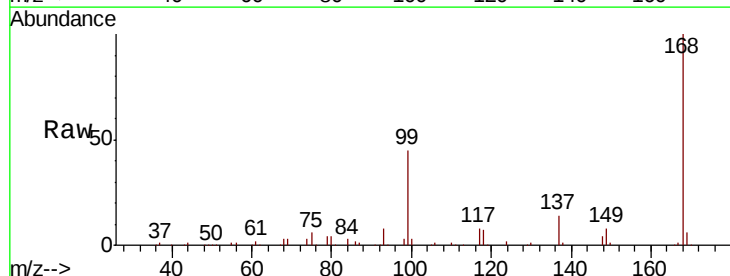
Instrument :
 MSVOA_N
 ClientSampled :

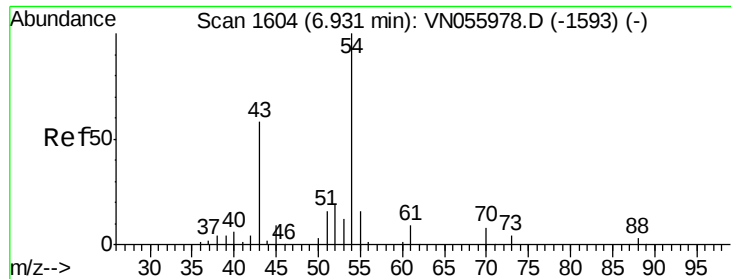
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	23.8	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.448 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.0	57.0#
77	0.0	25.1	37.7#

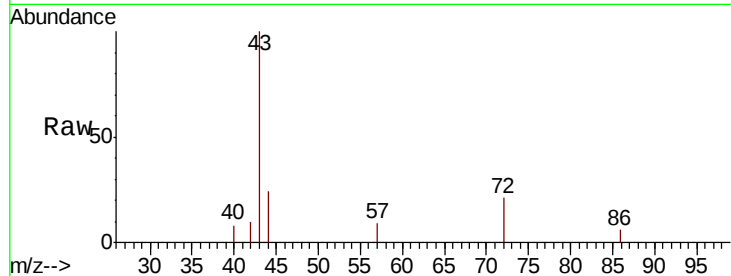




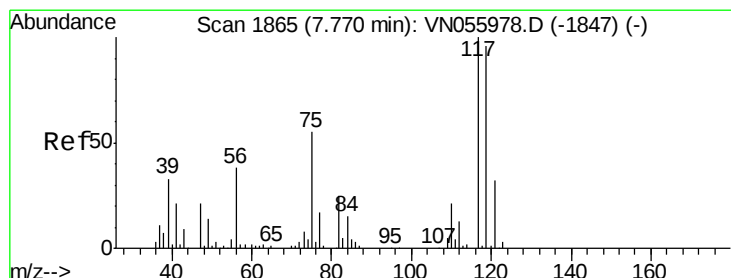
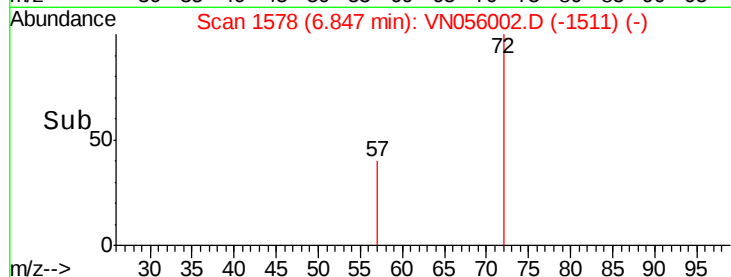
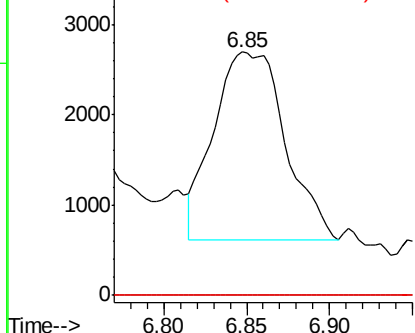
#37
Ethyl Acetate
Concen: 1.417 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.08 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.2#
70 0.0 8.9 13.3#

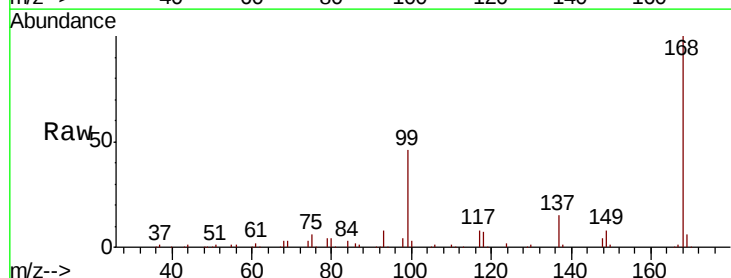


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

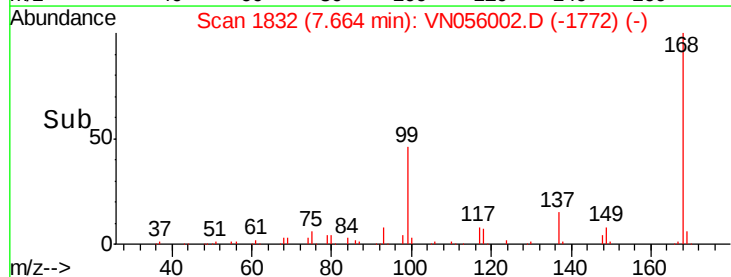
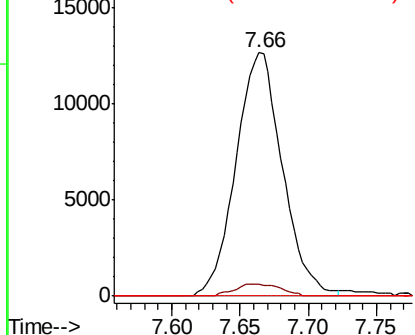


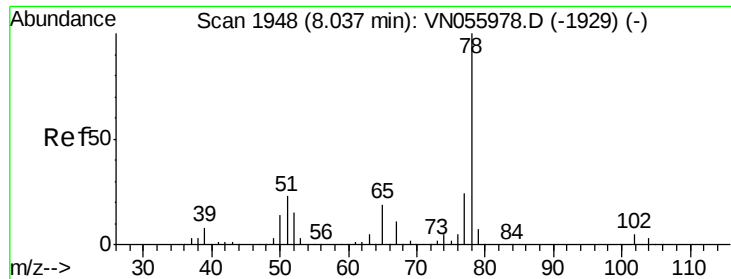
#38
Carbon Tetrachloride
Concen: 6.592 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion: 117 Resp: 29983
Ion Ratio Lower Upper
117 100
119 4.7 79.0 118.6#
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.924 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.01 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

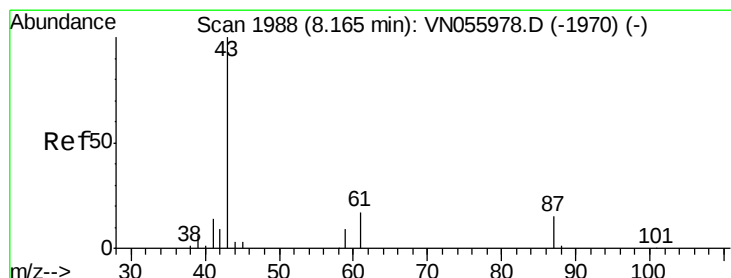
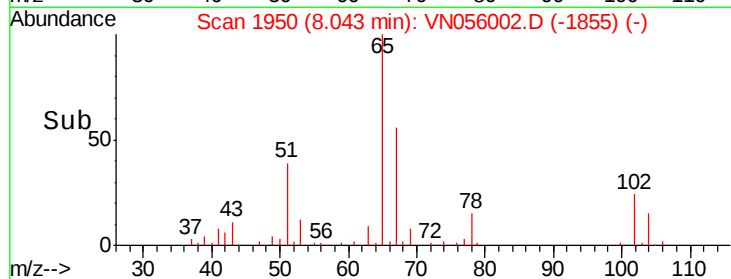
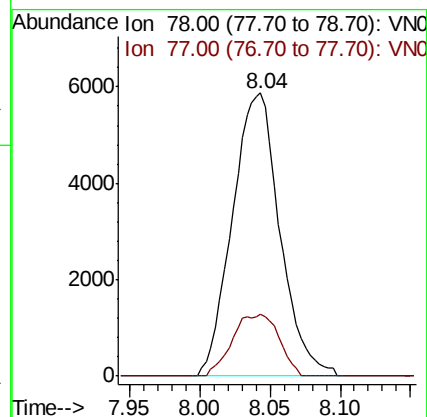
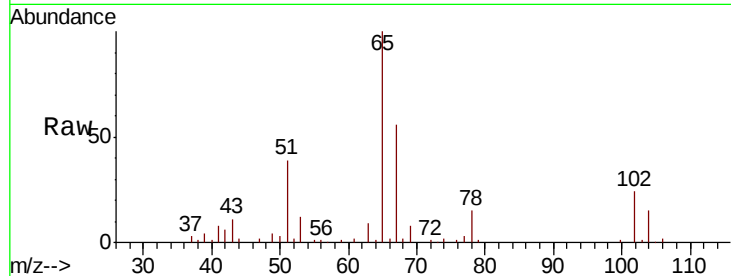
ClientSampleId :

Tot Ion: 78 Resp: 13846

Ion Ratio Lower Upper

78 100

77 21.7 18.8 28.2



#43

Isopropyl Acetate

Concen: 0.263 ug/l

RT: 8.13 min Scan# 1978

Delta R.T. -0.03 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

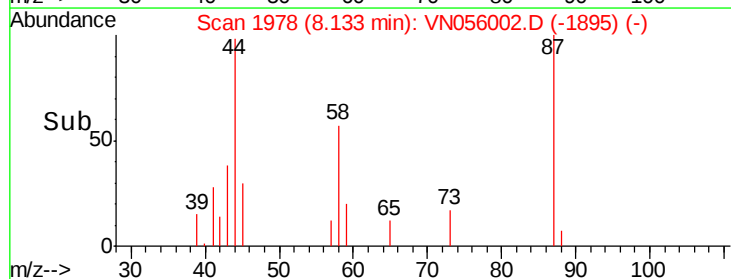
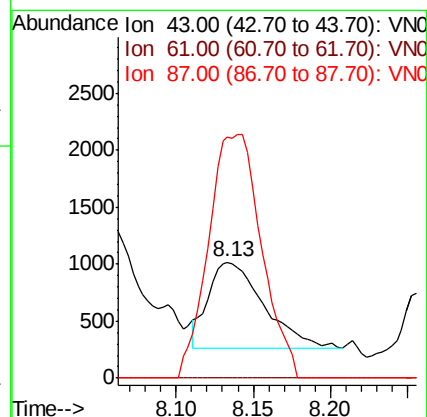
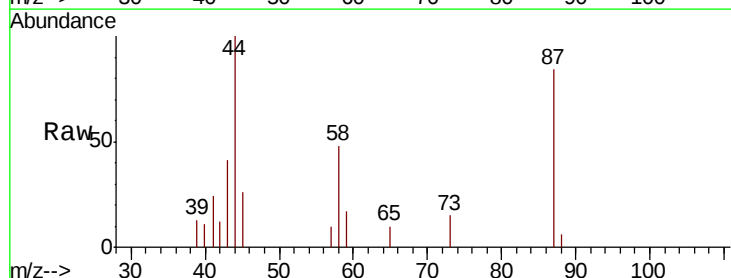
Tgt Ion: 43 Resp: 1872

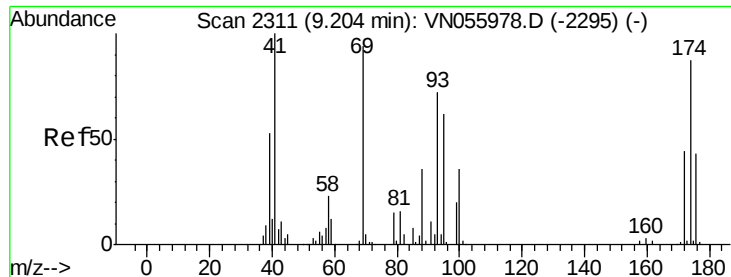
Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

87 272.5 11.4 17.2#





#49

1,4-Dioxane

Concen: 0.785 ug/l

RT: 8.96 min Scan# 2236

Delta R.T. -0.24 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :
MSVOA_N
ClientSampled :

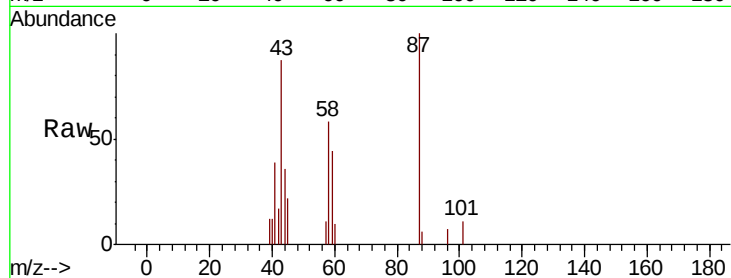
Tot Ion: 88 Resp: 59

Ion Ratio Lower Upper

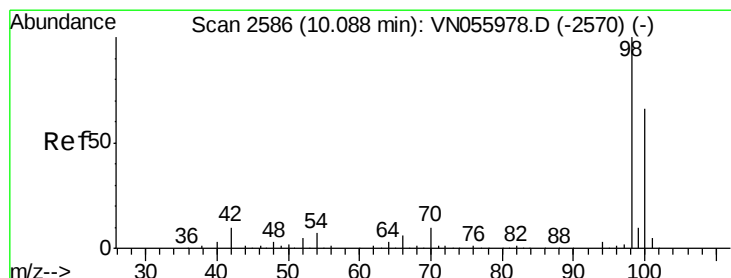
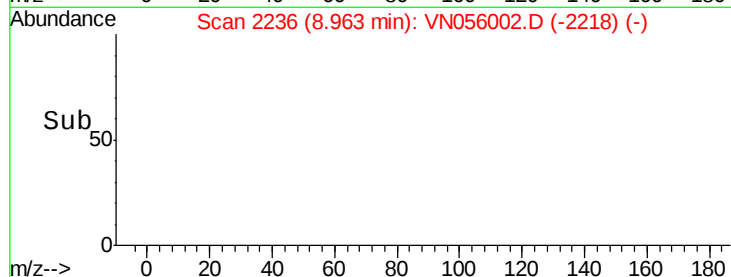
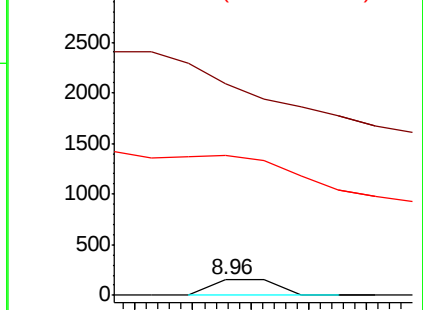
88 100

43 0.0 20.5 30.7#

58 0.0 55.8 83.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.713 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056002.D

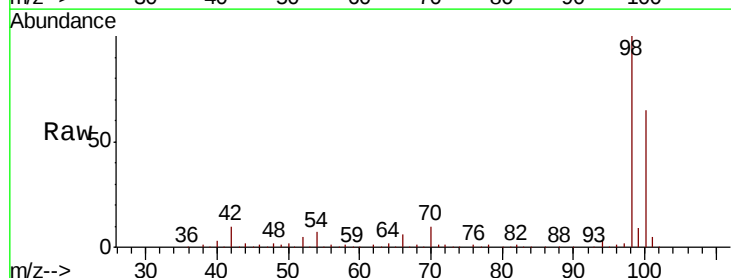
Acq: 5 Jun 2019 12:01

Tgt Ion: 98 Resp: 673350

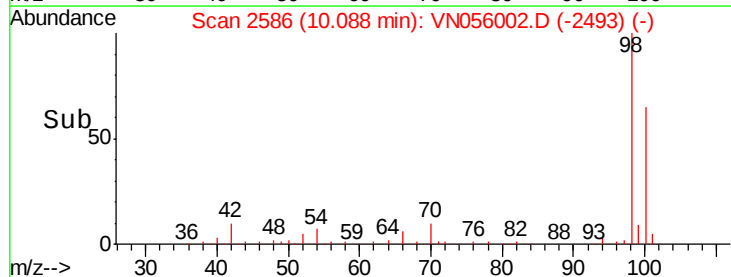
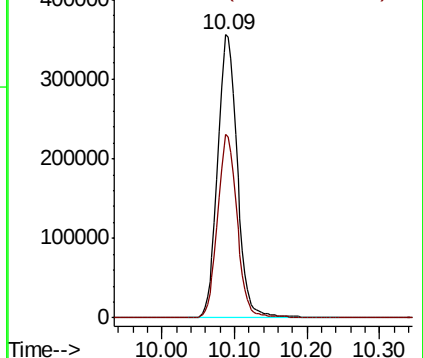
Ion Ratio Lower Upper

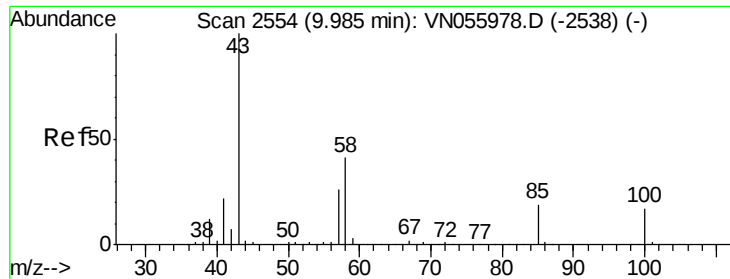
98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.220 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

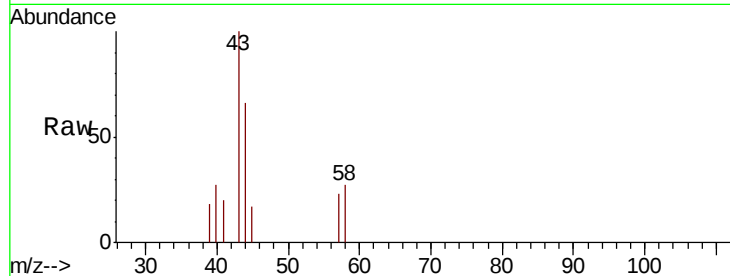
ClientSampleId :

Tot Ion: 43 Resp: 979

Ion Ratio Lower Upper

43 100

58 29.9 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

800

600

400

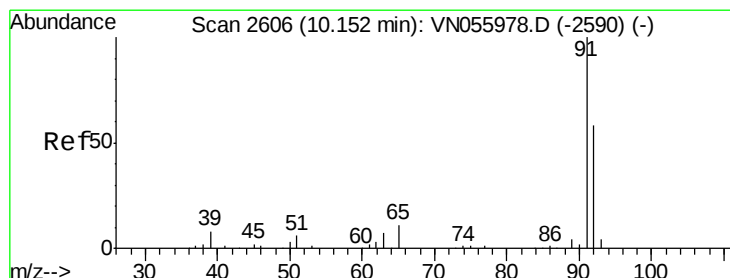
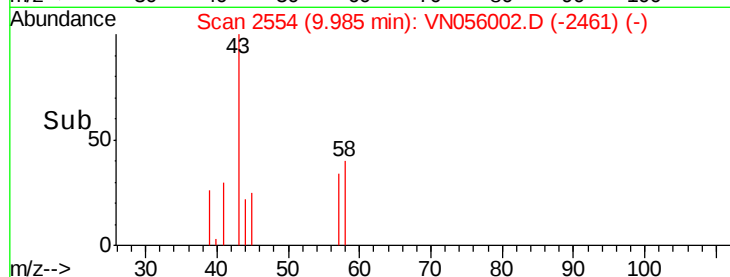
200

0

9.95

10.00

Time-->



#52

Toluene

Concen: 5.841 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056002.D

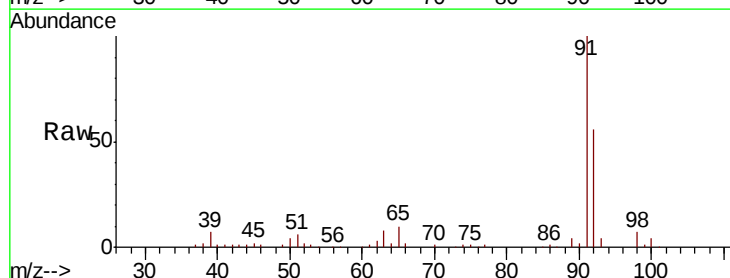
Acq: 5 Jun 2019 12:01

Tgt Ion: 92 Resp: 54454

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.16

50000

40000

30000

20000

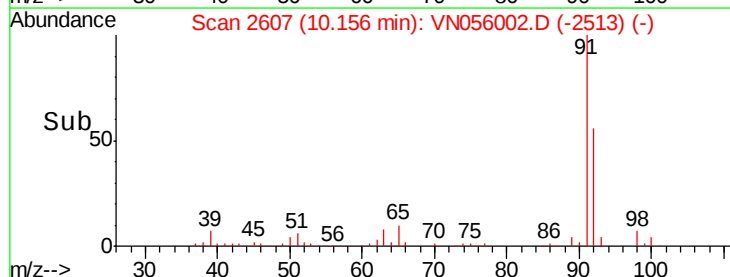
10000

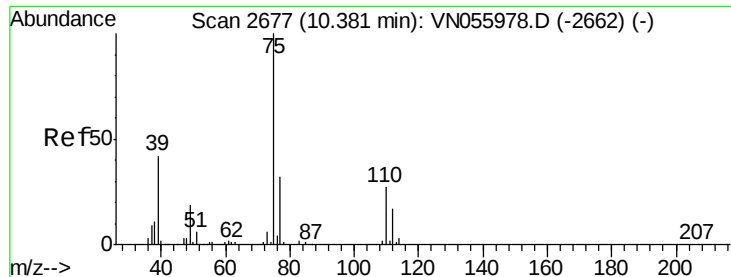
0

10.10

10.20

Time-->

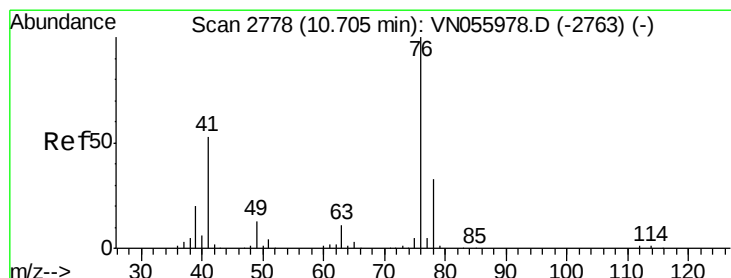
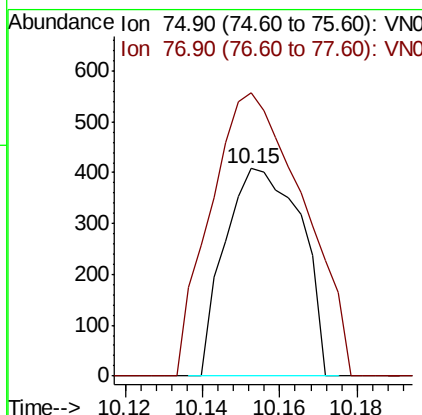
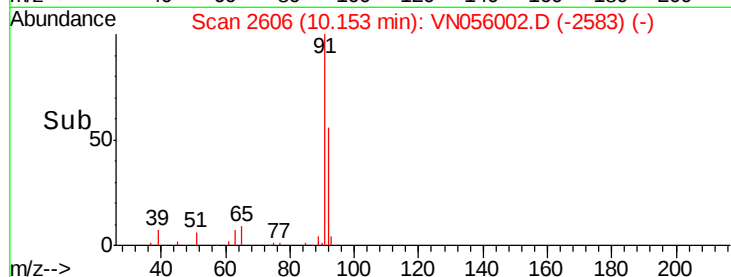
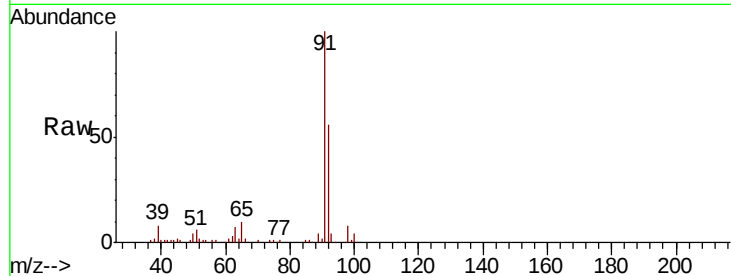




#53
t-1,3-Dichloropropene
Concen: 2.498 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.23 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

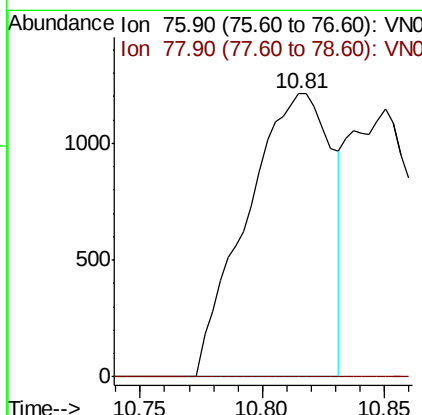
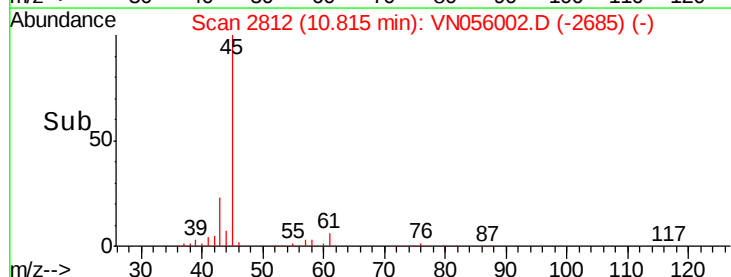
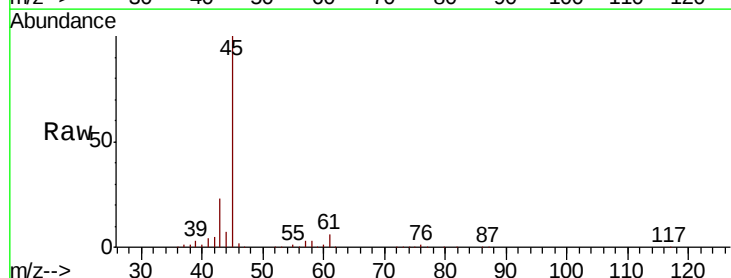
Instrument :
MSVOA_N
ClientSampleId :

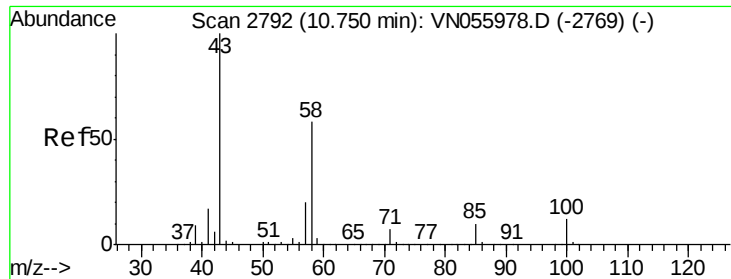
Tot Ion: 75 Resp: 559
Ion Ratio Lower Upper
75 100
77 96.1 25.8 38.6#



#57
1,3-Dichloropropane
Concen: 0.487 ug/l
RT: 10.81 min Scan# 2812
Delta R.T. 0.11 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion: 76 Resp: 2922
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

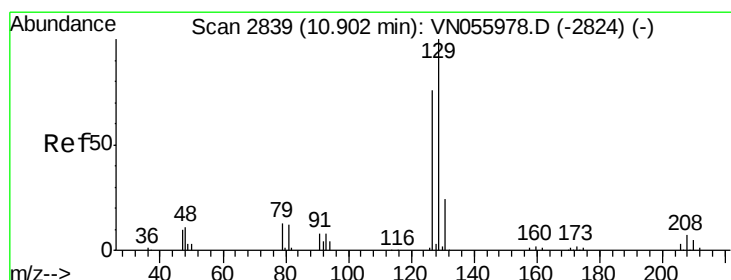
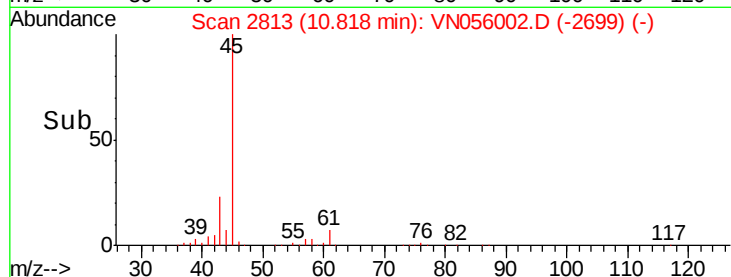
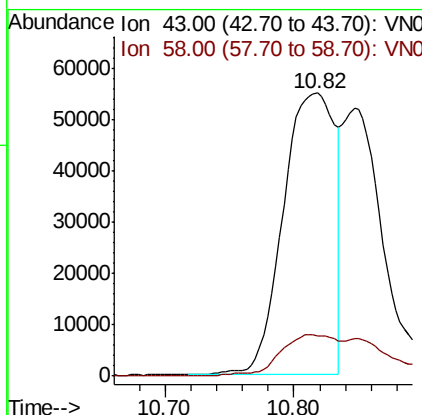
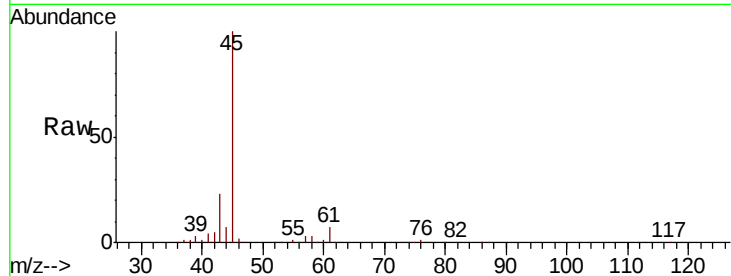




#59
2-Hexanone
Concen: 47.519 ug/l
RT: 10.82 min Scan# 2813
Delta R.T. 0.07 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

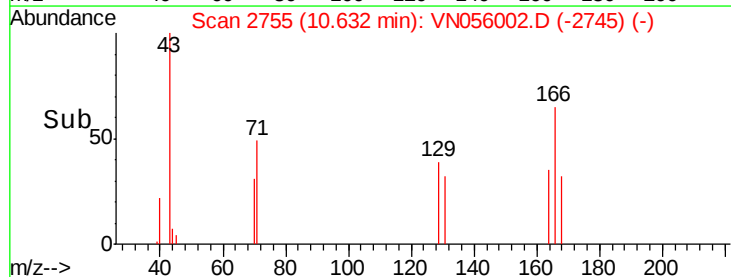
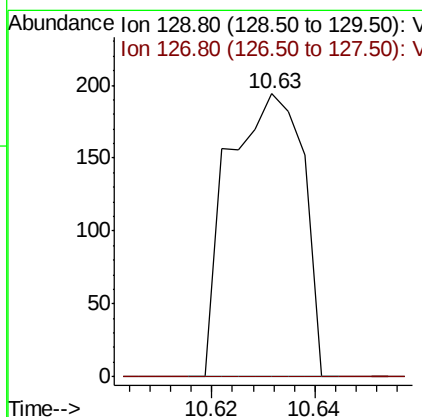
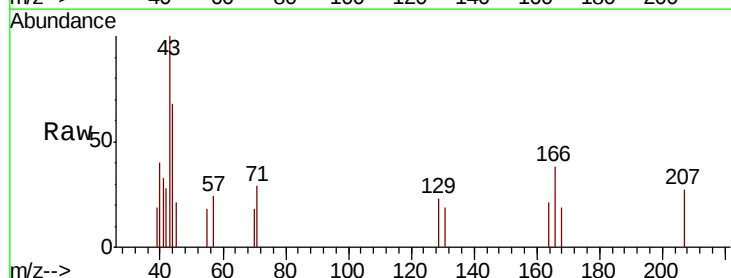
Instrument :
MSVOA_N
ClientSampled :

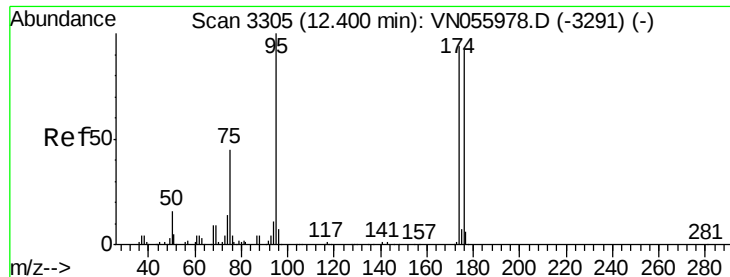
Tot Ion: 43 Resp: 153192
Ion Ratio Lower Upper
43 100
58 16.3 28.2 84.7#



#60
Dibromochloromethane
Concen: 2.497 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion: 129 Resp: 195
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#





#62

4-Bromofluorobenzene

Concen: 48.392 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

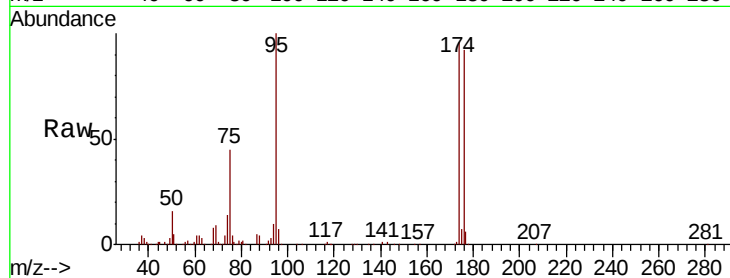
Tot Ion: 95 Resp: 222905

Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.0

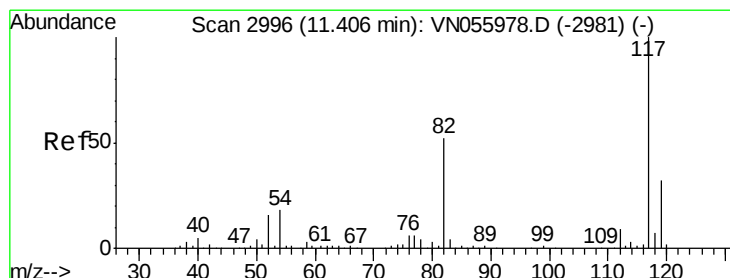
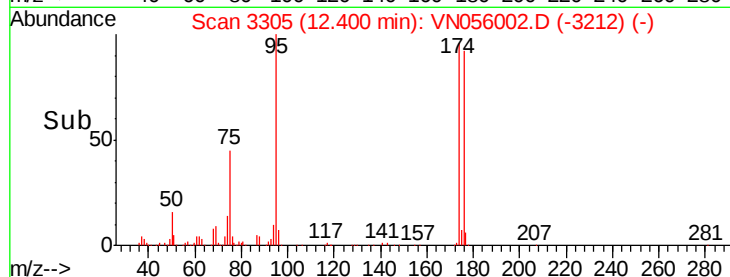
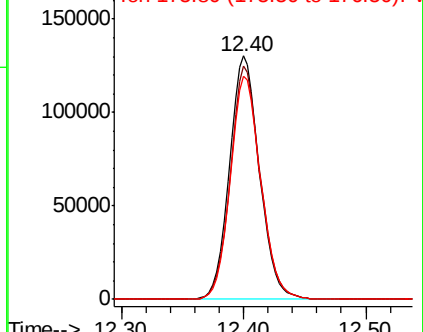
176 92.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

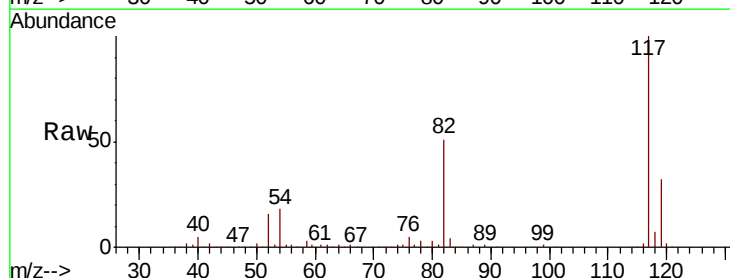
Tgt Ion: 117 Resp: 536243

Ion Ratio Lower Upper

117 100

82 51.1 41.8 62.8

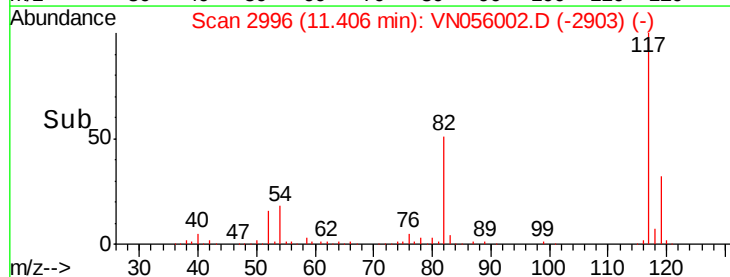
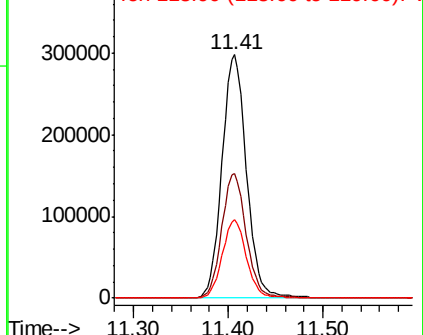
119 32.0 25.4 38.0

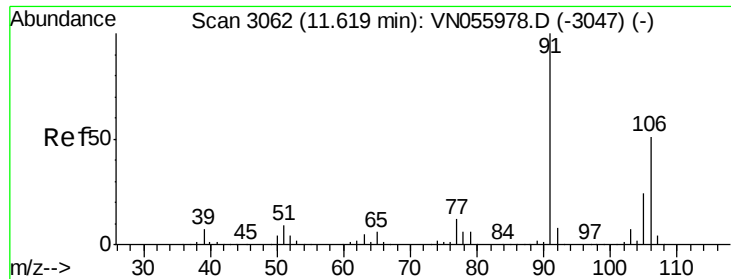


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

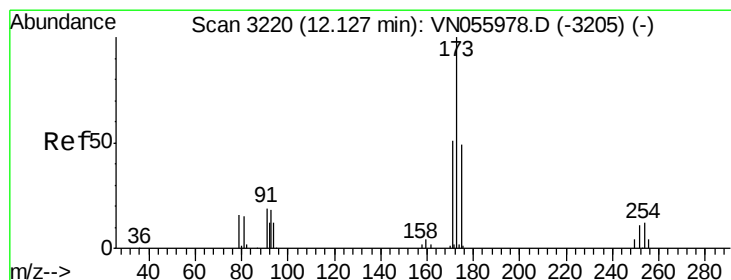
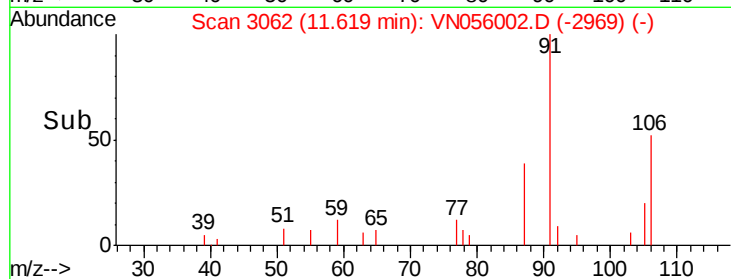
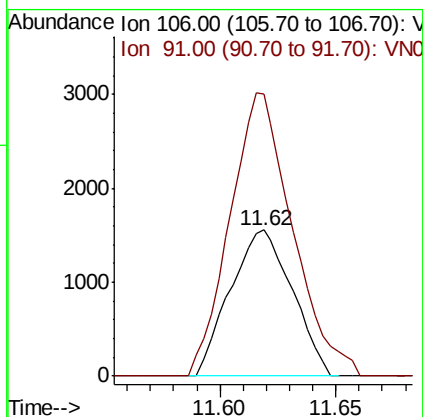
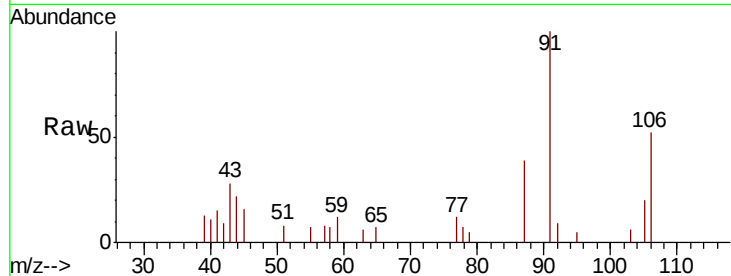




#68
m/p-Xvlenes
Concen: 0.409 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

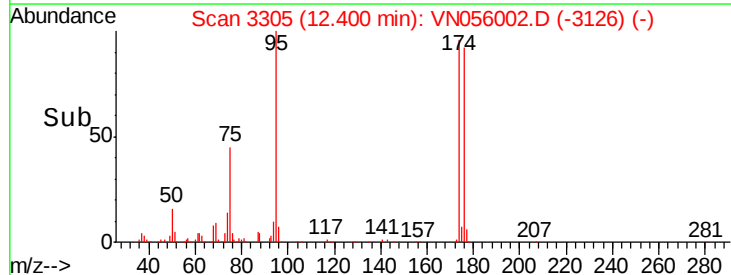
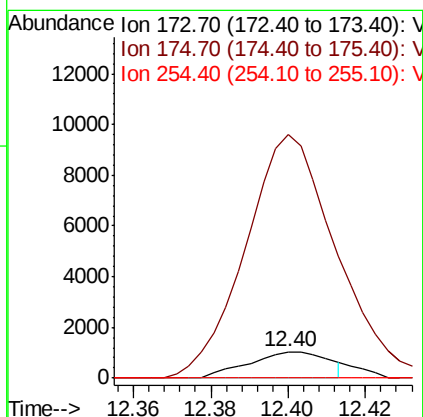
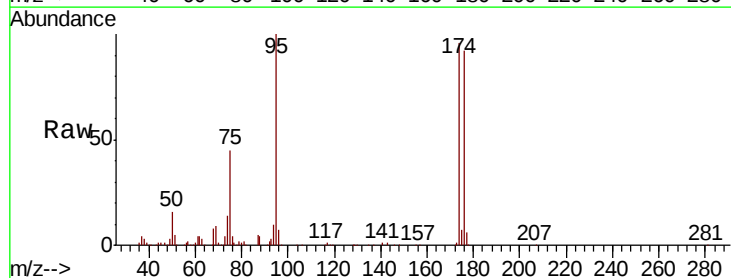
Instrument :
MSVOA_N
ClientSampleId :

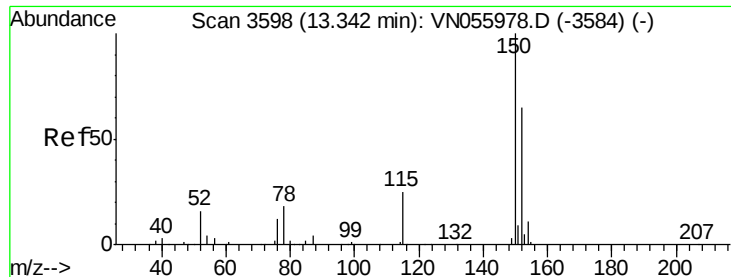
Tot Ion:106 Resp: 2897
Ion Ratio Lower Upper
106 100
91 195.0 159.3 238.9



#71
Bromoform
Concen: 3.201 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion:173 Resp: 1503
Ion Ratio Lower Upper
173 100
175 909.0 24.3 72.8#
254 0.0 0.0 0.0



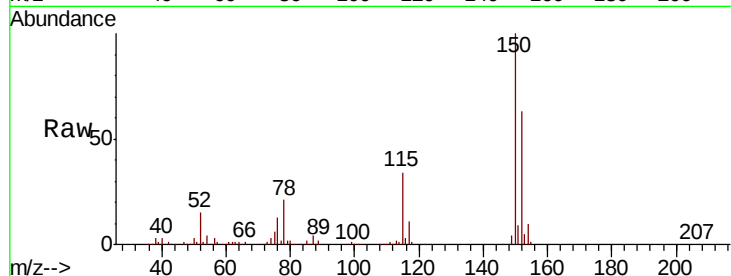


#72

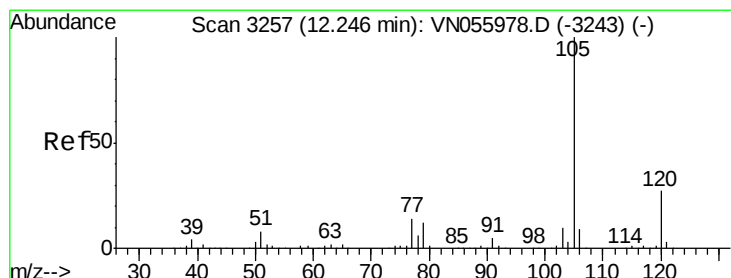
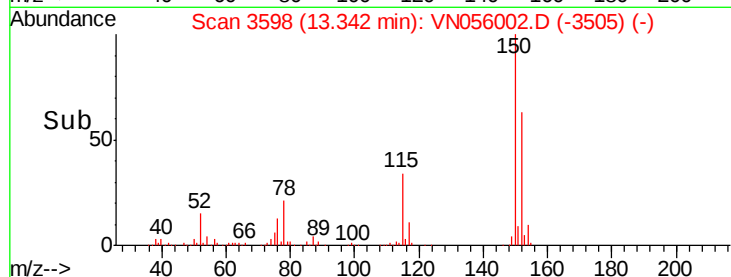
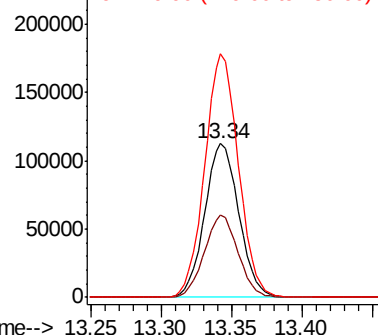
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.0	81.0
150	156.2	0.0	343.2



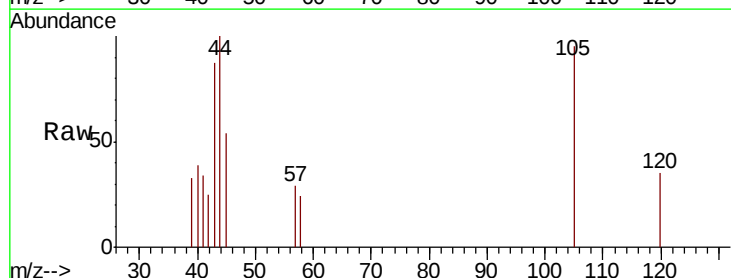
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



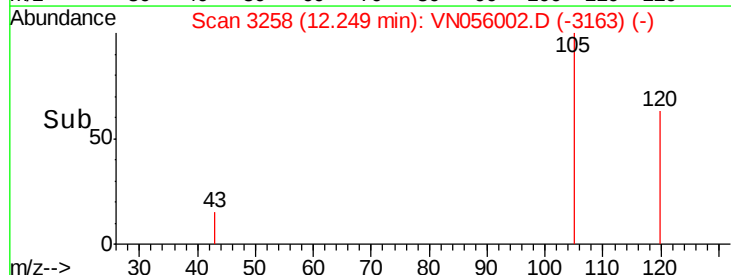
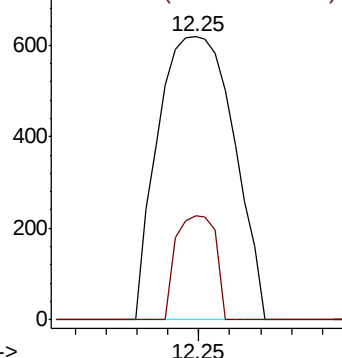
#73

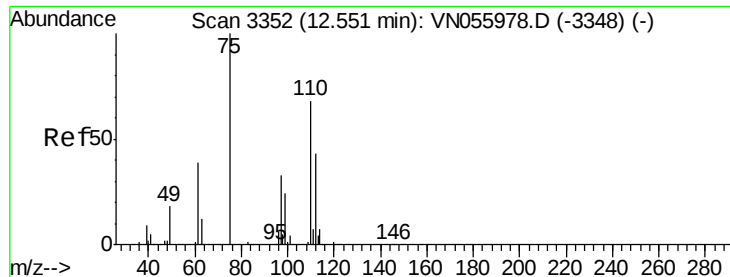
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	19.1	13.6	40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 28.830 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

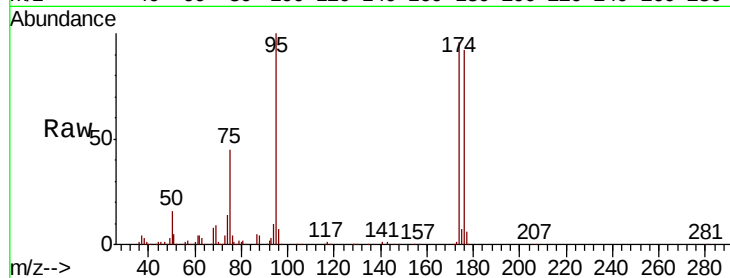
ClientSampleId :

Tot Ion: 75 Resp: 101147

Ion Ratio Lower Upper

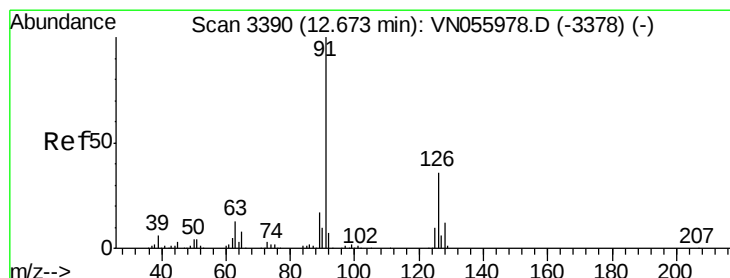
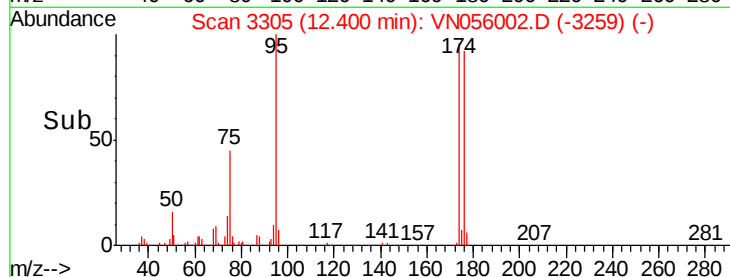
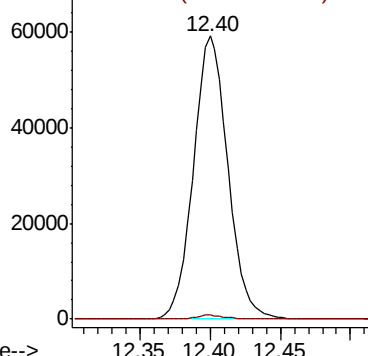
75 100

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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056002.D

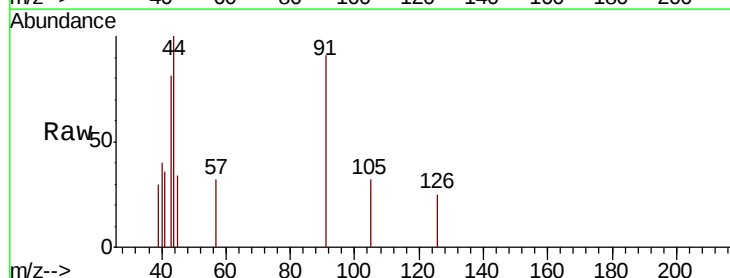
Acq: 5 Jun 2019 12:01

Tgt Ion: 91 Resp: 795

Ion Ratio Lower Upper

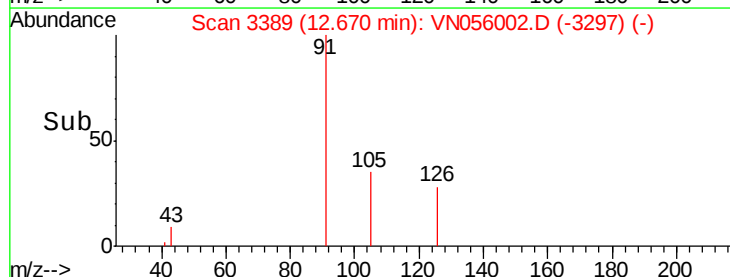
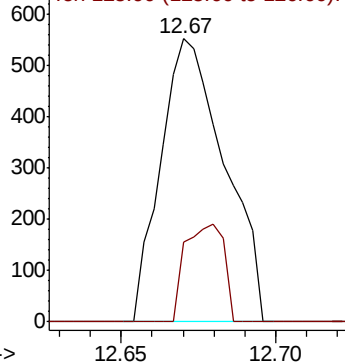
91 100

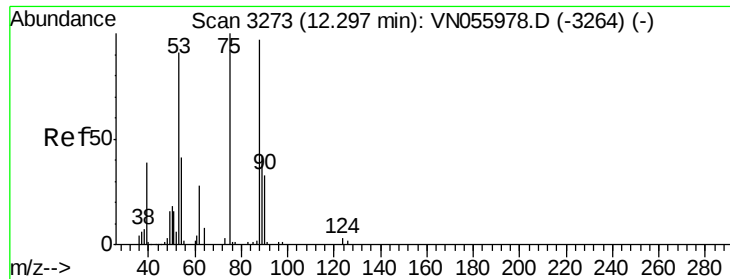
126 20.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

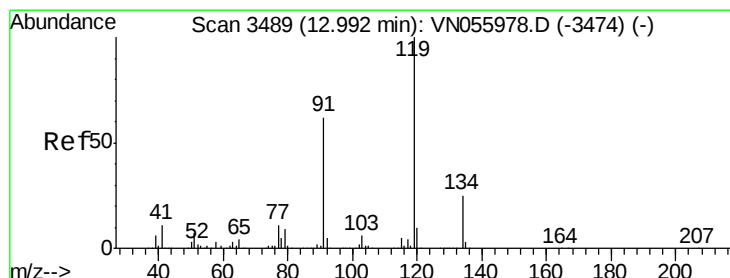
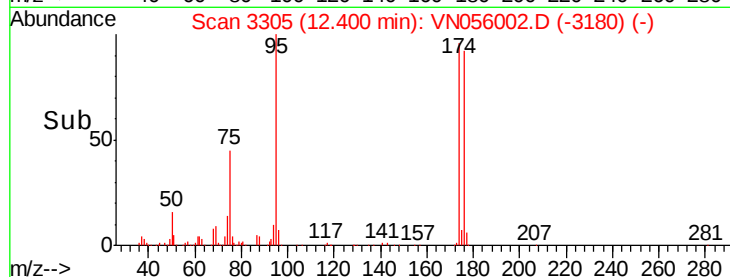
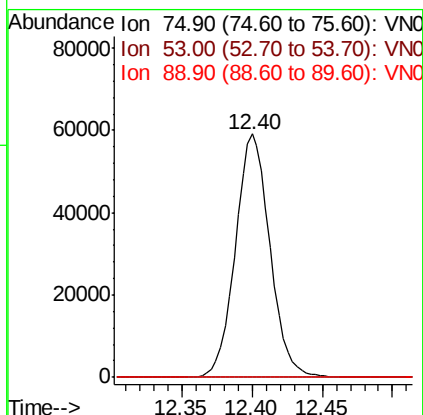
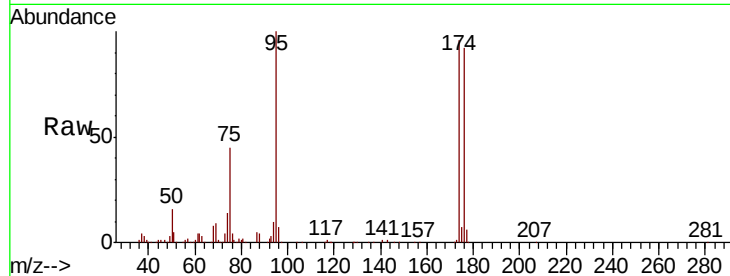




#81
trans-1,4-Dichloro-2-butene
Concen: 96.009 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

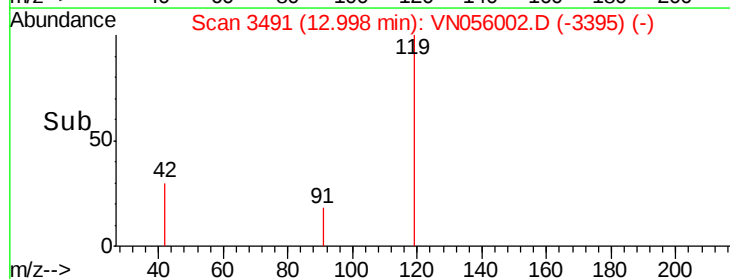
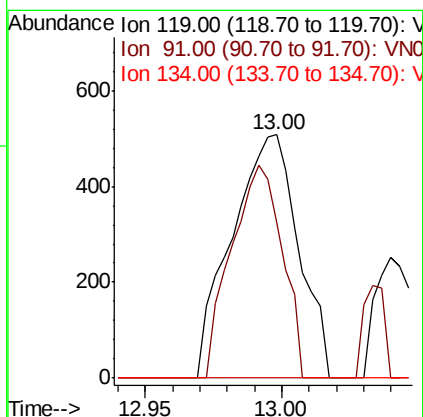
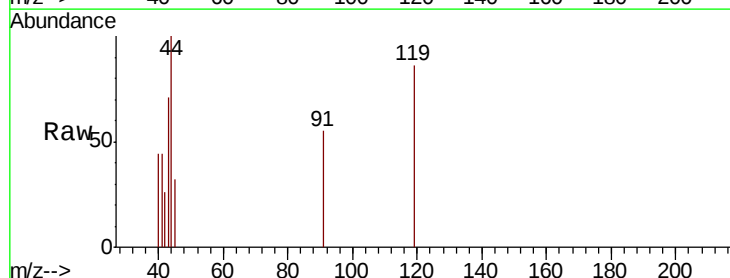
Instrument :
MSVOA_N
ClientSampled :

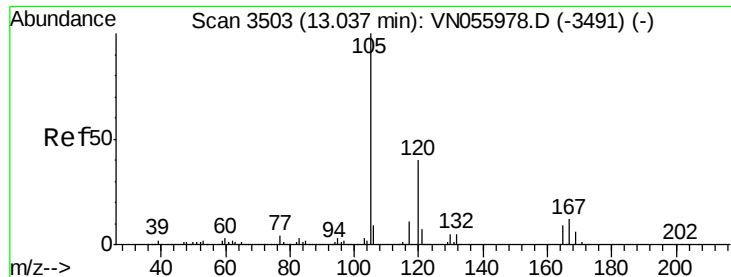
Tot Ion: 75 Resp: 101147
Ion Ratio Lower Upper
75 100
53 0.0 68.1 102.1#
89 0.0 36.9 55.3#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3491
Delta R.T. 0.01 min
Lab File: VN056002.D
Acq: 5 Jun 2019 12:01

Tgt Ion: 119 Resp: 861
Ion Ratio Lower Upper
119 100
91 66.7 30.9 92.8
134 0.0 13.3 39.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.217 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

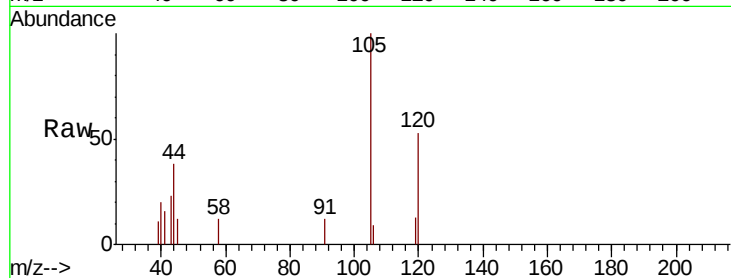
ClientSampled :

Tot Ion: 105 Resp: 2636

Ion Ratio Lower Upper

105 100

120 45.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

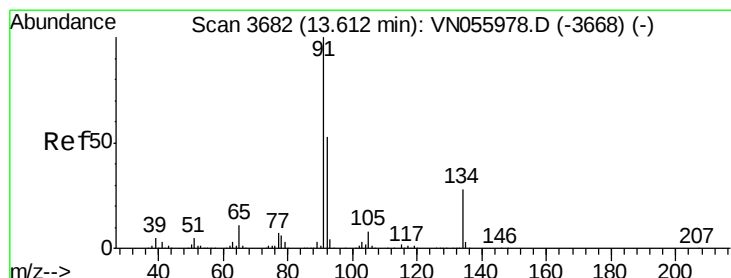
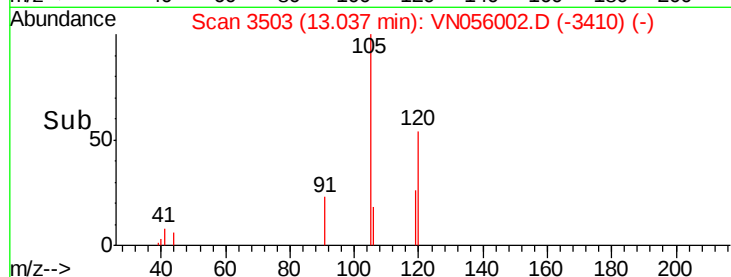
1500

1000

500

0

Time-->



#89

n-Butylbenzene

Concen: 0.250 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

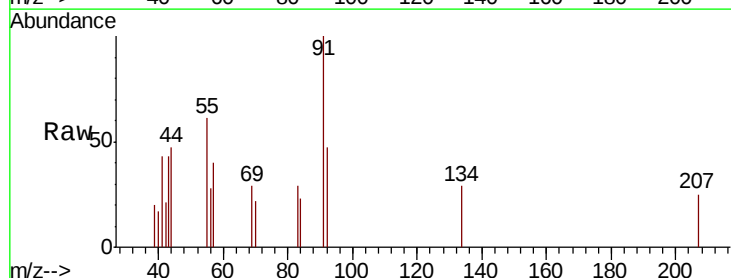
Tgt Ion: 91 Resp: 2366

Ion Ratio Lower Upper

91 100

92 48.0 26.4 79.0

134 24.7 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

2000

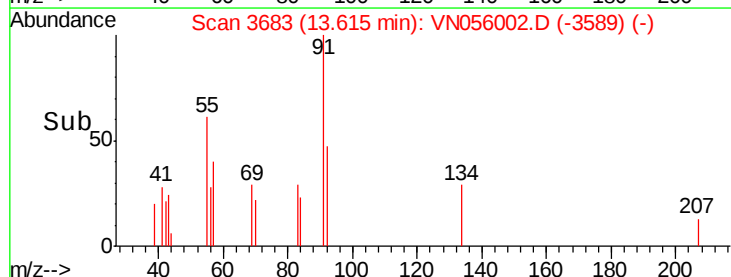
1500

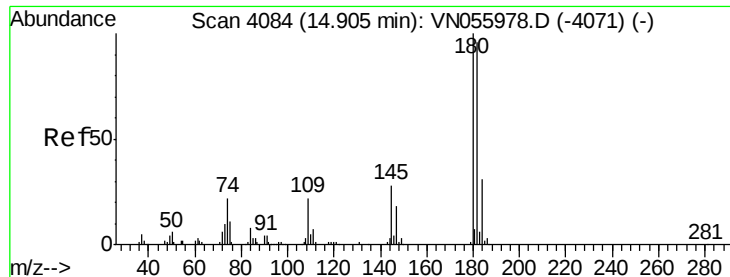
1000

500

0

Time-->

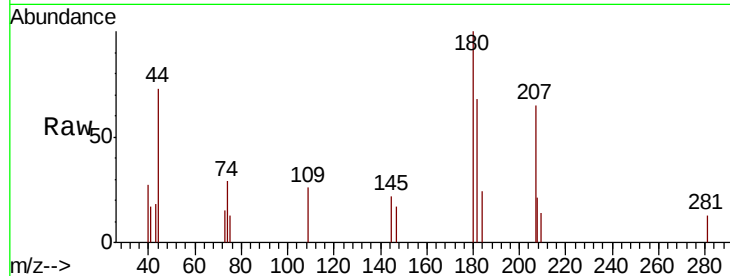




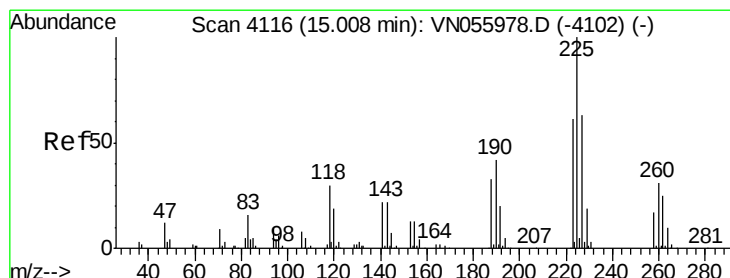
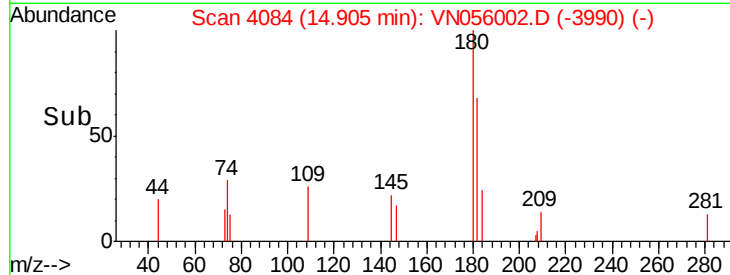
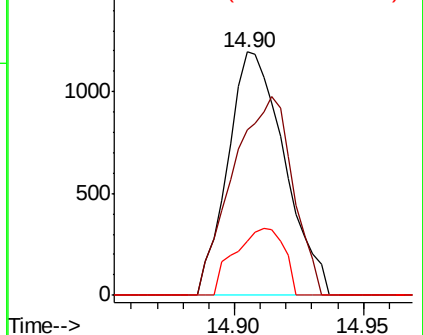
#93
 1,2,4-Trichlorobenzene
 Concen: 4.745 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 1826
 Ion Ratio Lower Upper
 180 100
 182 86.6 48.3 144.9
 145 23.9 14.0 41.9

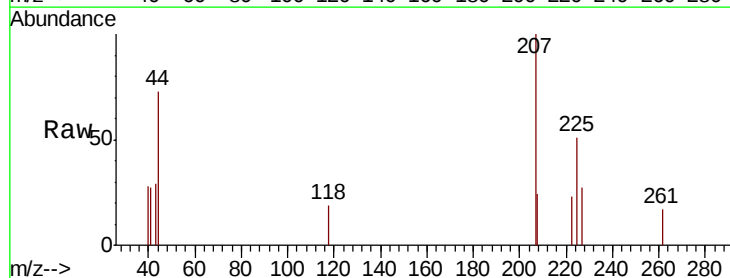


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

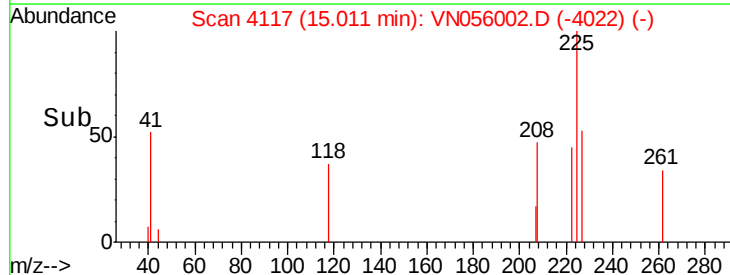
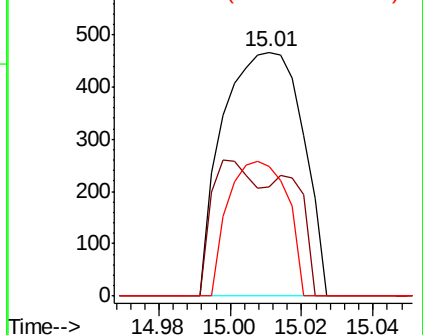


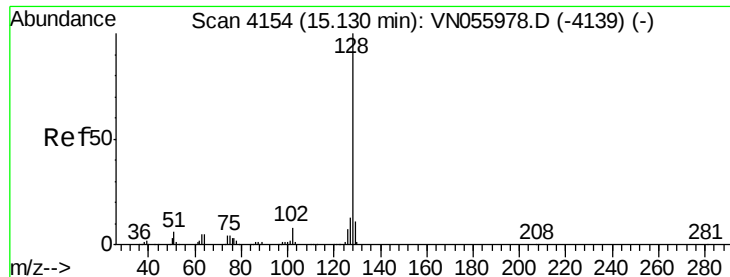
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056002.D
 Acq: 5 Jun 2019 12:01

Tgt Ion:225 Resp: 718
 Ion Ratio Lower Upper
 225 100
 223 30.9 30.9 92.7
 227 40.8 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.516 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

Instrument :

MSVOA_N

ClientSampleId :

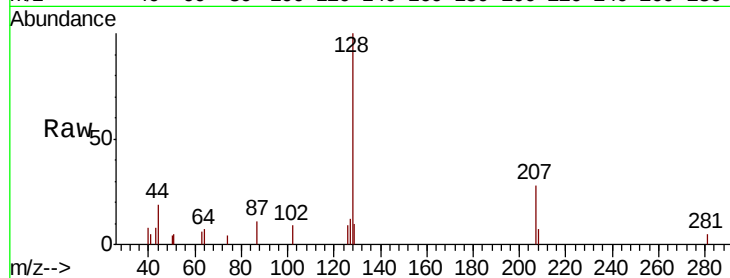
Tot Ion:128 Resp: 6566

Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

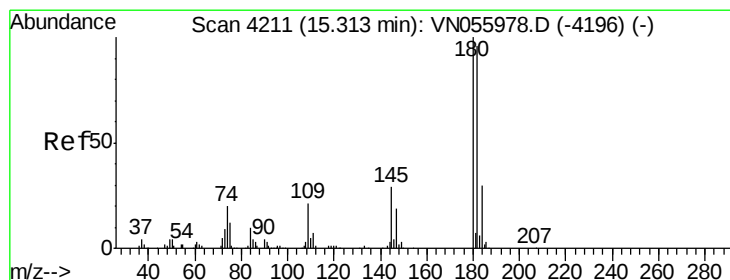
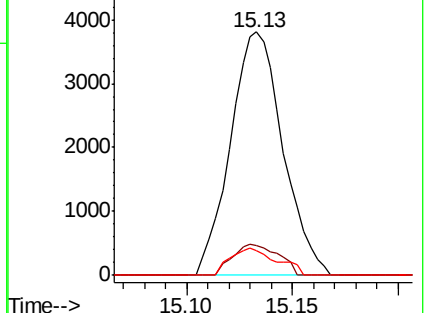
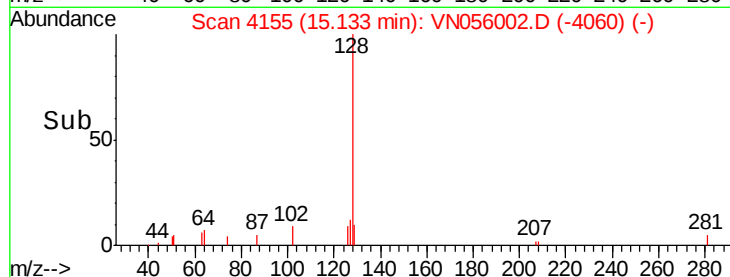
129 9.9 8.7 13.1



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: 3.556 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056002.D

Acq: 5 Jun 2019 12:01

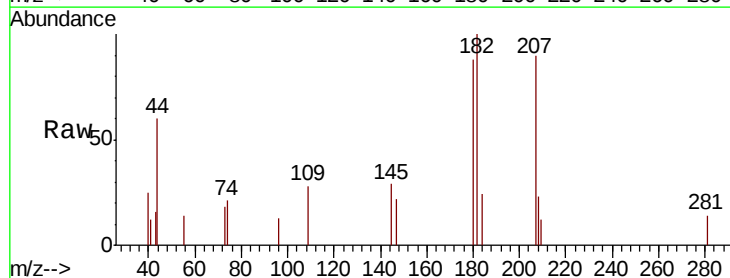
Tgt Ion:180 Resp: 2001

Ion Ratio Lower Upper

180 100

182 109.9 47.9 143.7

145 29.2 14.9 44.7



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

