

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
 Data File : VN057458.D
 Acq On : 23 Aug 2019 2:22
 Operator : JC/SP
 Sample : K4450-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

Quant Time: Aug 23 05:18:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	429602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	754614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	614169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	354980	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.94%		
35) Dibromofluoromethane	7.57	113	241219	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.64%		
50) Toluene-d8	10.09	98	939637	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.50%		
62) 4-Bromofluorobenzene	12.40	95	267649	40.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	81.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.39	74	941	Below Cal		100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	234	Below Cal	#	1
11) Tert butyl alcohol	4.73	59	3545	3.775	ug/l #	87
13) Acrolein	3.58	56	767	0.929	ug/l #	78
16) Acetone	3.80	43	118978	34.282	ug/l	94
18) Methyl Acetate	4.31	43	36322	3.971	ug/l	96
20) Methylene Chloride	4.52	84	34924	6.722	ug/l	89
25) 2-Butanone	6.83	43	18405	4.884	ug/l	99
30) Chloroform	7.35	83	1358	0.205	ug/l #	72
31) Cyclohexane	7.65	56	14331	1.350	ug/l #	41
36) 1,1-Dichloropropene	7.65	75	41770	5.417	ug/l #	51
38) Carbon Tetrachloride	7.65	117	45975	6.002	ug/l #	16
43) Isopropyl Acetate	8.16	43	95319	6.823	ug/l	100
46) Dibromomethane	9.16	93	30	Below Cal	#	10
48) Methyl methacrylate	9.17	41	6866	1.034	ug/l #	16
49) 1,4-Dioxane	9.26	88	69	0.803	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7167	0.920	ug/l #	80
54) cis-1,3-Dichloropropene	9.90	75	33748	3.365	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	2621	0.279	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.68	63	64	17.090	ug/l #	52
59) 2-Hexanone	10.76	43	53777	10.070	ug/l #	63
71) Bromoform	12.40	173	2157	0.670	ug/l #	1
73) Isopropylbenzene	12.36	105	34	Below Cal	#	50
74) N-amyl acetate	12.03	43	12056	Below Cal	#	51
75) 1,1,2,2-Tetrachloroethane	12.50	83	191	Below Cal	#	85
76) 1,2,3-Trichloropropane	12.40	75	156285	41.702	ug/l #	100
78) n-propylbenzene	12.72	91	210	Below Cal		85
79) 2-Chlorotoluene	12.68	91	66	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	932	Below Cal	#	48
81) trans-1,4-Dichloro-2-buten	12.40	75	156285	107.376	ug/l #	8
82) 4-Chlorotoluene	12.98	91	286	Below Cal		88
83) tert-Butylbenzene	12.99	119	136	Below Cal	#	38
85) sec-Butylbenzene	13.36	105	480	Below Cal		90
90) Hexachloroethane	13.98	117	62	Below Cal	#	17

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QLast Update : Fri Aug 23 05:07:29 2019
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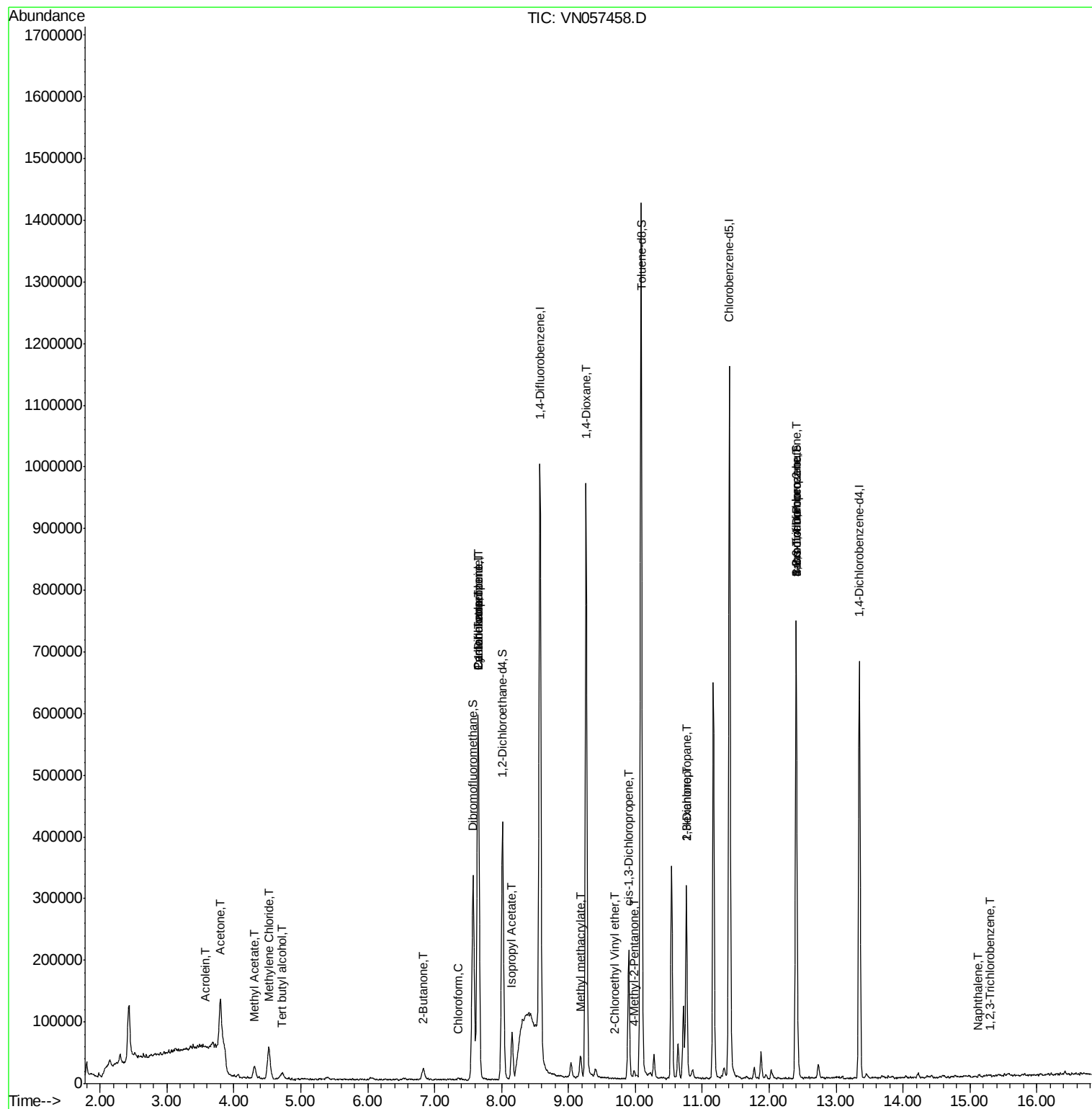
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.30	75	72	Below Cal	#	11
95) Naphthalene	15.14	128	1188	4.503	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.30	180	66	5.144	ug/l #	1

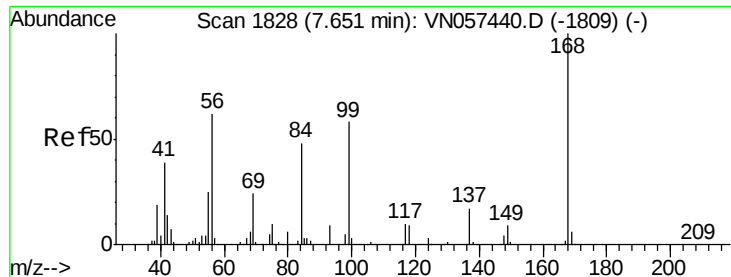
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

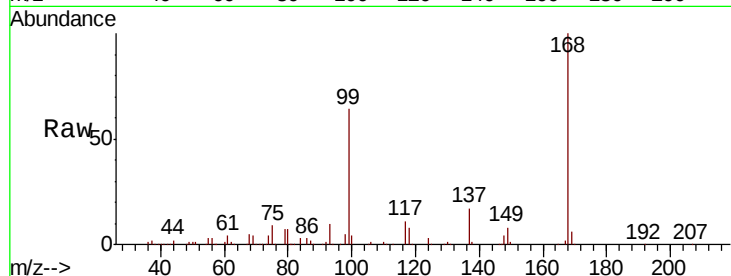
WC-(A-C)

Tgt Ion:168 Resp: 429602

Ion Ratio Lower Upper

168 100

99 64.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057440.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057440.D (-1809) (-)

7.65

200000

150000

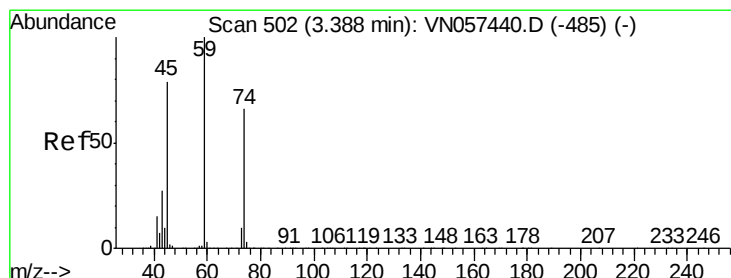
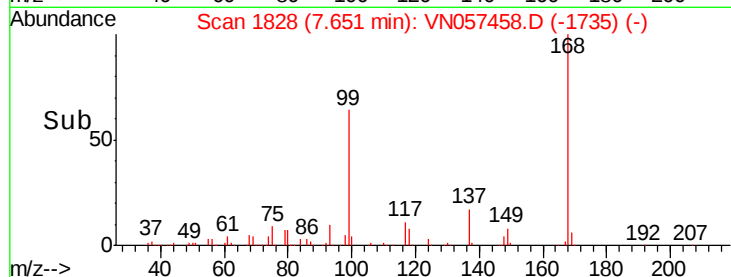
100000

50000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN057458.D

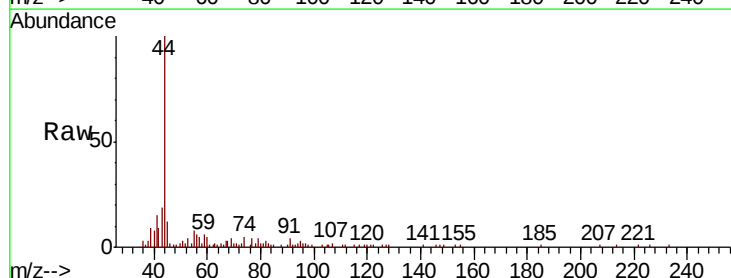
Acq: 23 Aug 2019 2:22

Tgt Ion: 74 Resp: 941

Ion Ratio Lower Upper

74 100

45 115.6 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057440.D (-485) (-)

Ion 45.00 (44.70 to 45.70): VN057440.D (-485) (-)

2500

2000

1500

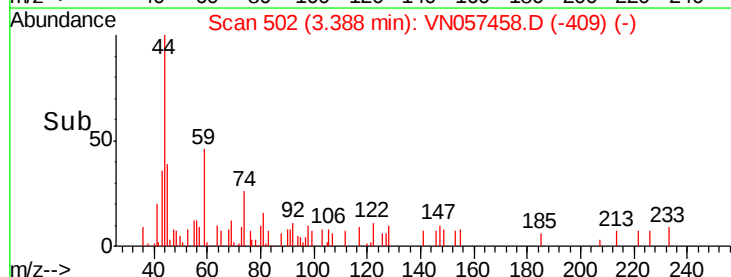
1000

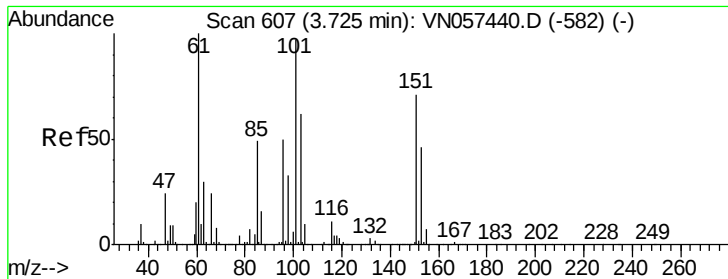
500

0

3.34 3.36 3.38 3.40

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

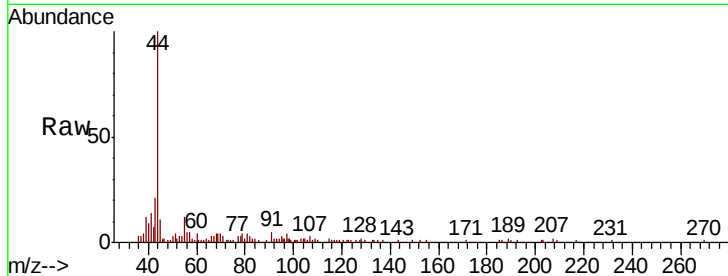
Instrument :

MSVOA_N

ClientSampled :

WC-(A-C)

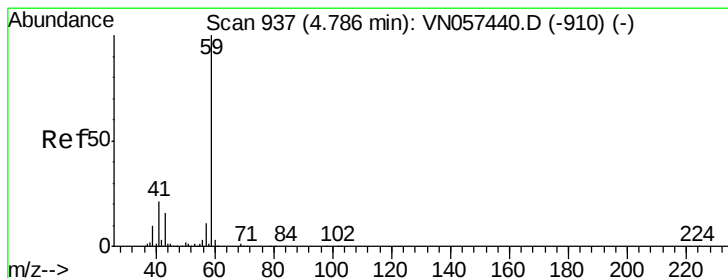
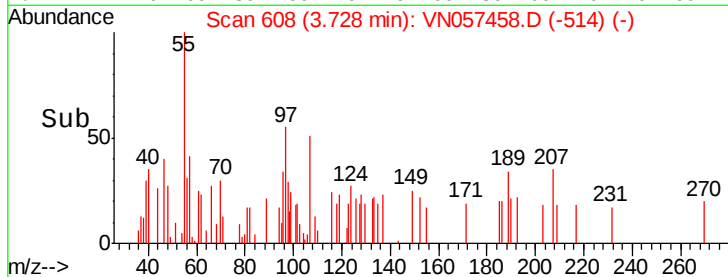
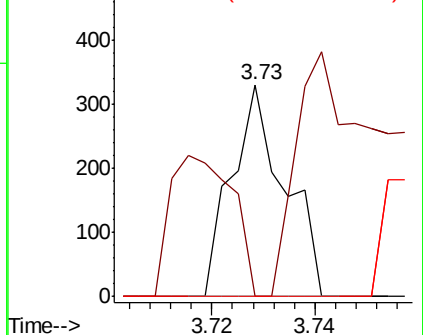
Tgt Ion:	101	Resp:	234
Ion	Ratio	Lower	Upper
101	100		
85	158.1	40.0	60.0#
151	0.0	57.0	85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 3.775 ug/l

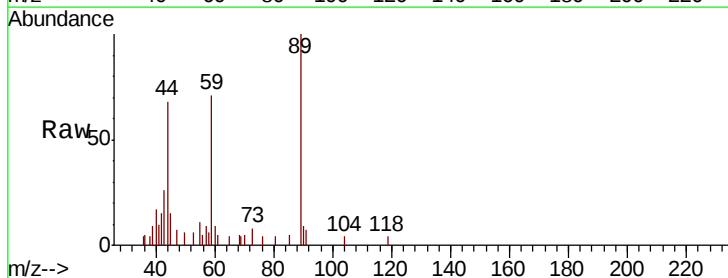
RT: 4.73 min Scan# 919

Delta R.T. -0.06 min

Lab File: VN057458.D

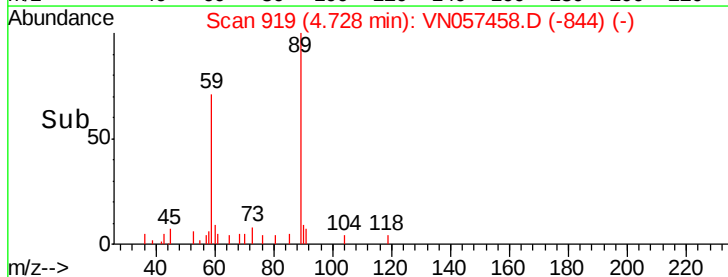
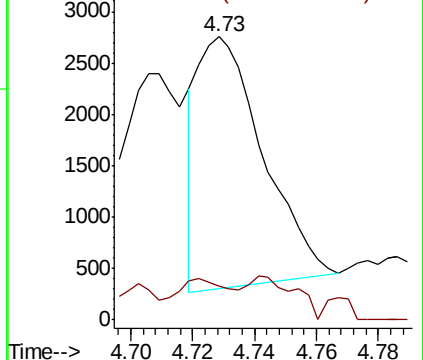
Acq: 23 Aug 2019 2:22

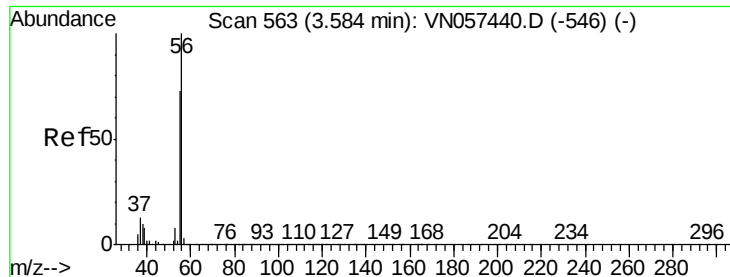
Tgt Ion:	59	Resp:	3545
Ion	Ratio	Lower	Upper
59	100		
57	6.4	9.1	13.7#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 0.929 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

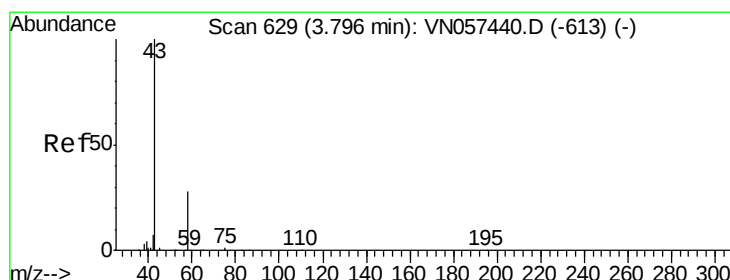
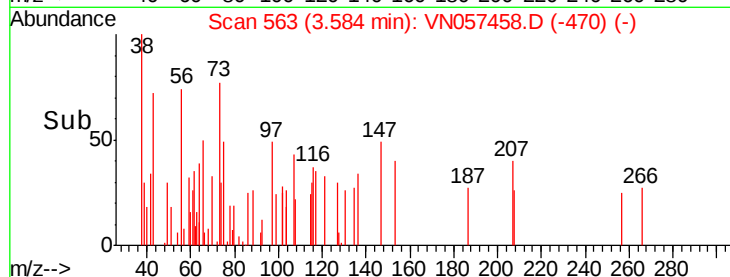
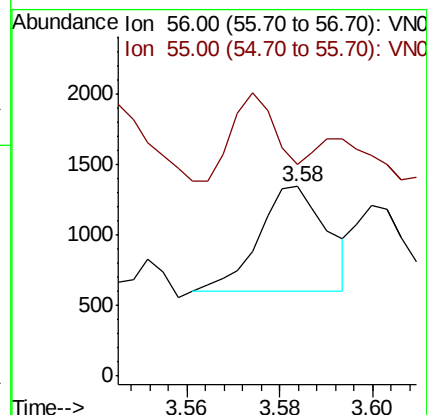
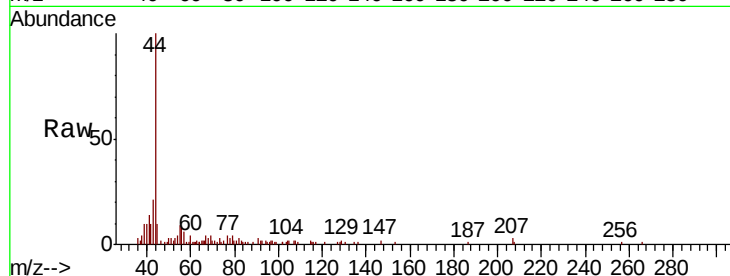
WC-(A-C)

Tgt Ion: 56 Resp: 767

Ion Ratio Lower Upper

56 100

55 54.8 59.0 88.4#



#16

Acetone

Concen: 34.282 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057458.D

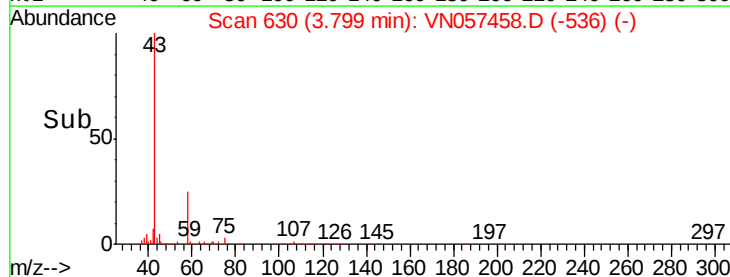
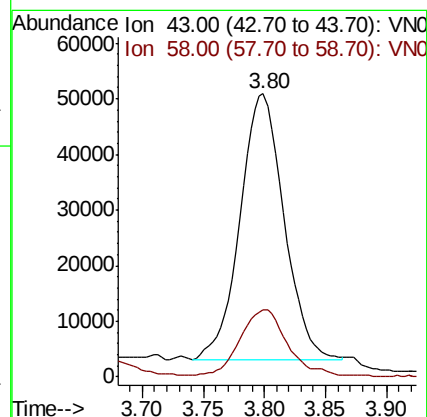
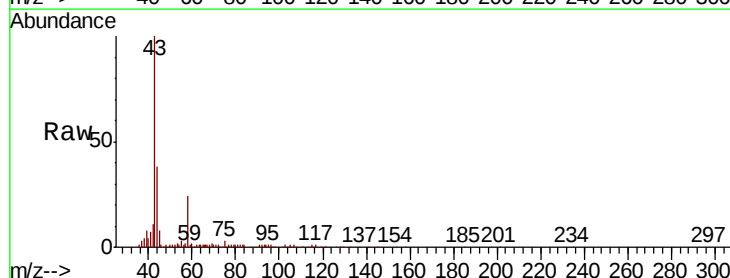
Acq: 23 Aug 2019 2:22

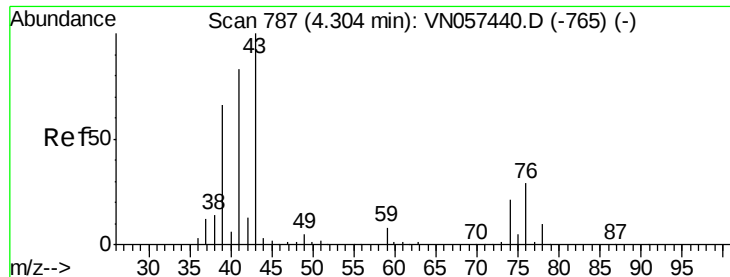
Tgt Ion: 43 Resp: 118978

Ion Ratio Lower Upper

43 100

58 24.5 22.1 33.1

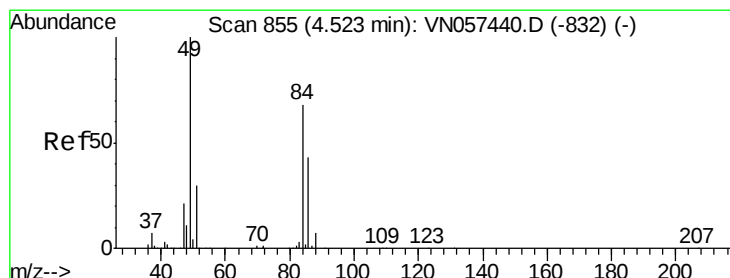
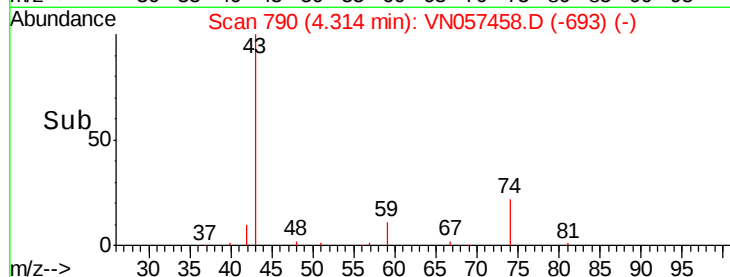
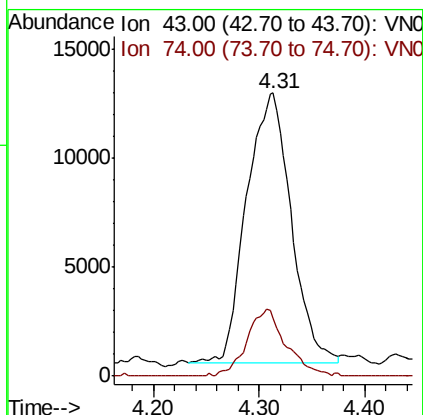
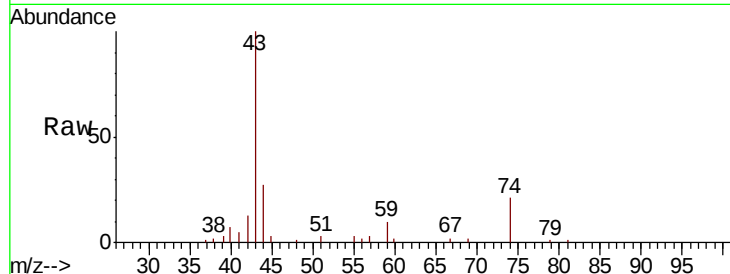




#18
Methyl Acetate
Concen: 3.971 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

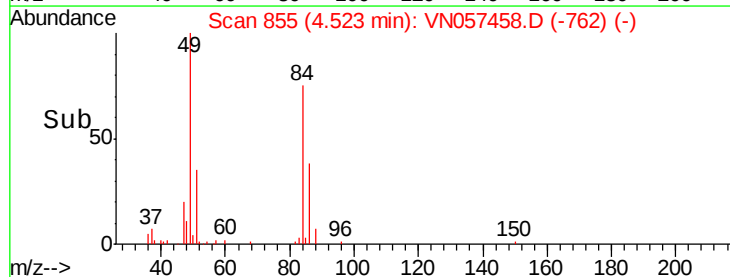
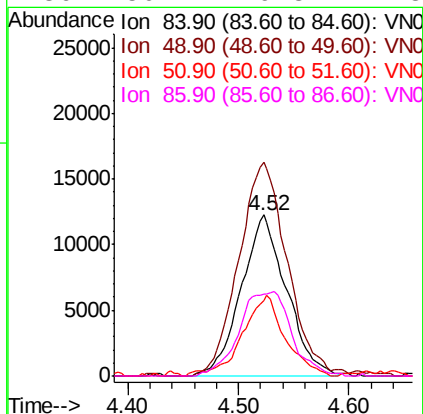
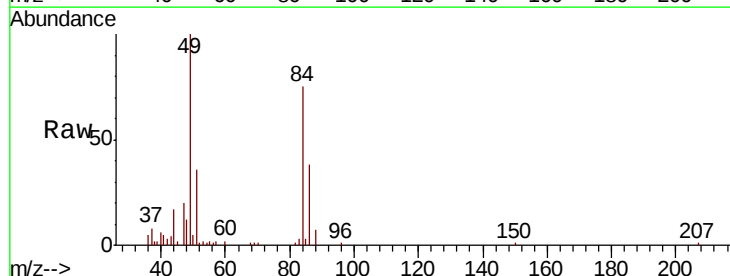
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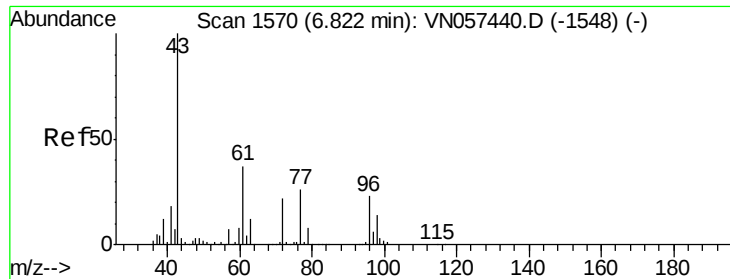
Tgt Ion: 43 Resp: 36322
Ion Ratio Lower Upper
43 100
74 21.9 15.9 23.9



#20
Methylene Chloride
Concen: 6.722 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Tgt Ion: 84 Resp: 34924
Ion Ratio Lower Upper
84 100
49 132.8 117.0 175.4
51 47.3 35.5 53.3
86 50.7 49.8 74.8

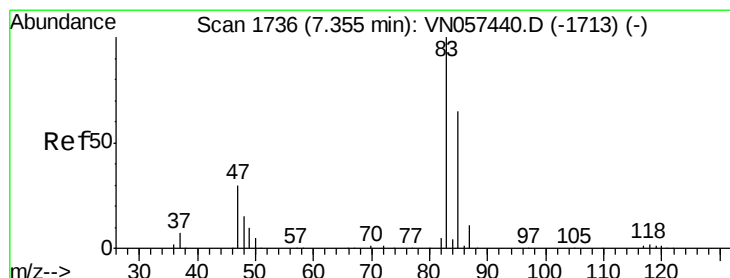
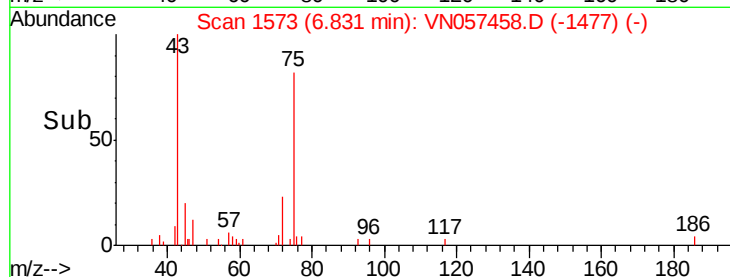
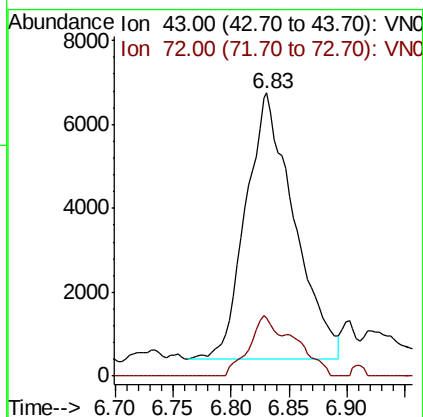
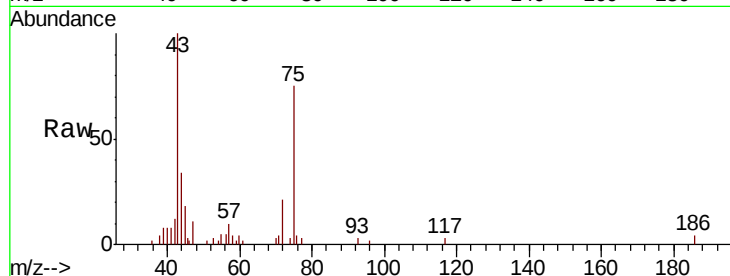




#25
2-Butanone
Concen: 4.884 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

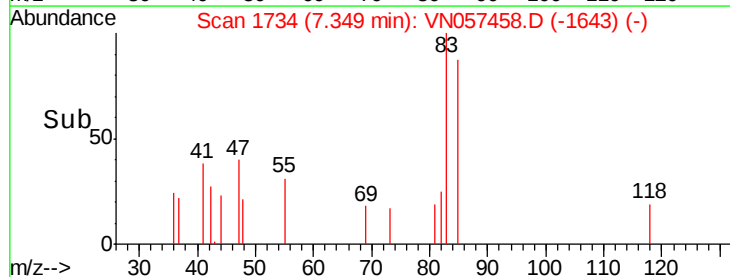
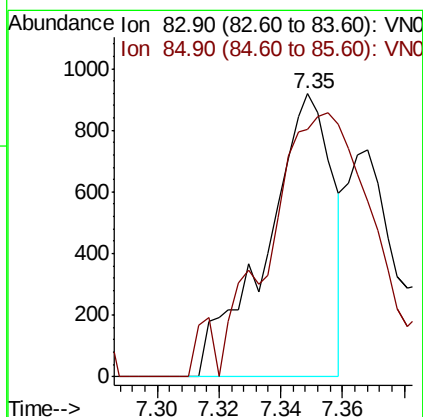
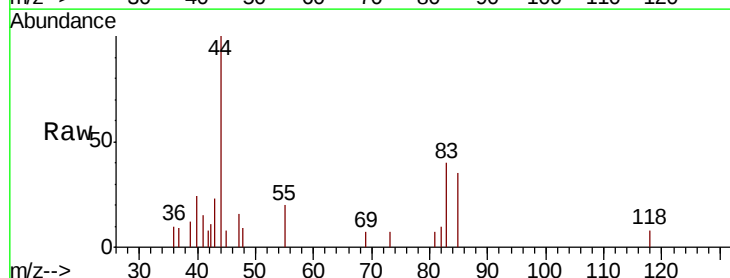
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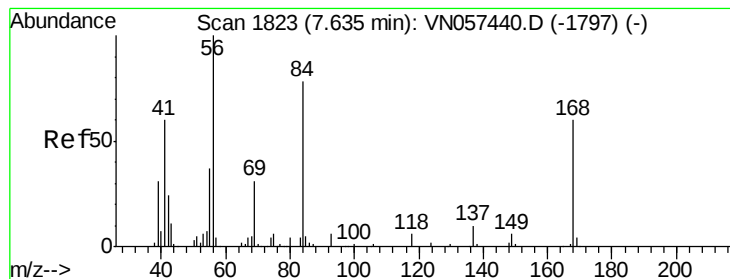
Tgt Ion: 43 Resp: 18405
Ion Ratio Lower Upper
43 100
72 22.0 17.8 26.8



#30
Chloroform
Concen: 0.205 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.01 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Tgt Ion: 83 Resp: 1358
Ion Ratio Lower Upper
83 100
85 87.3 51.9 77.9#





#31

Cyclohexane

Concen: 1.350 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

WC-(A-C)

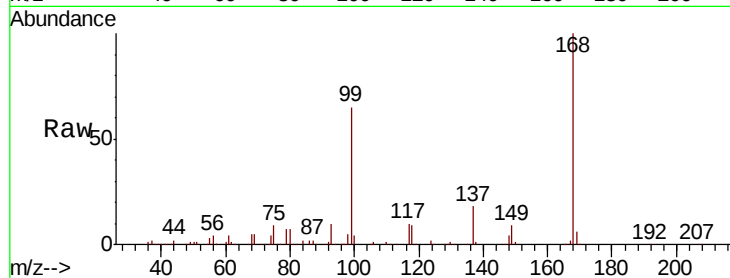
Tgt Ion: 56 Resp: 14331

Ion Ratio Lower Upper

56 100

69 131.0 25.0 37.6#

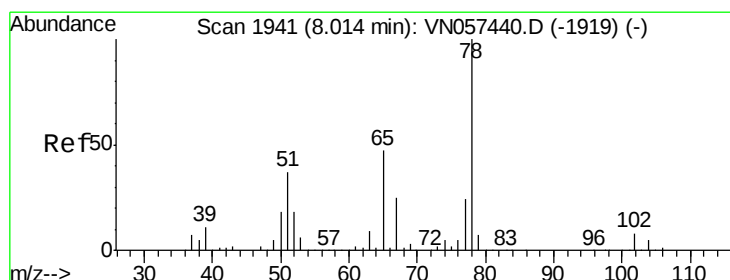
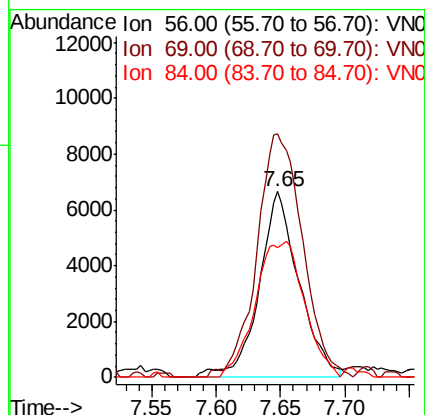
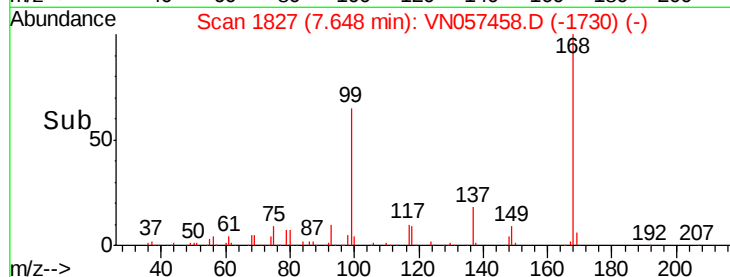
84 69.5 62.5 93.7



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: 46.972 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057458.D

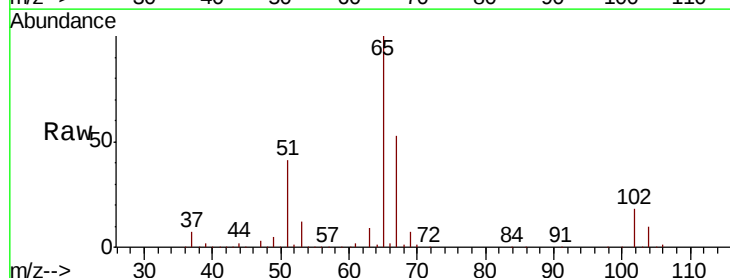
Acq: 23 Aug 2019 2:22

Tgt Ion: 65 Resp: 354980

Ion Ratio Lower Upper

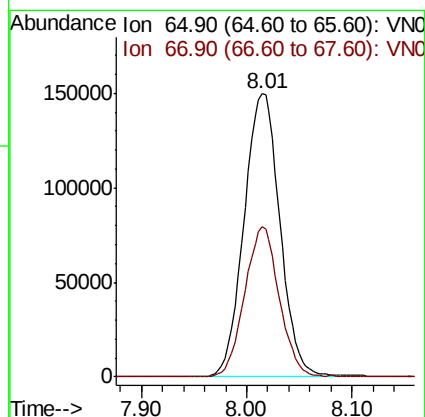
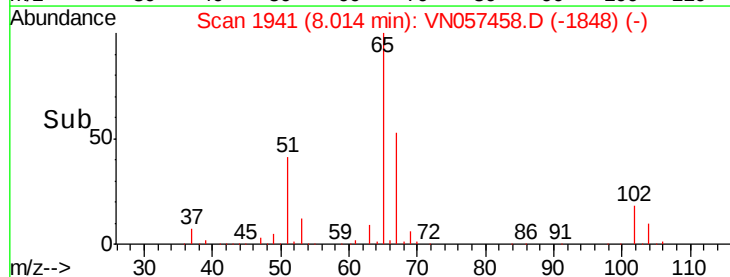
65 100

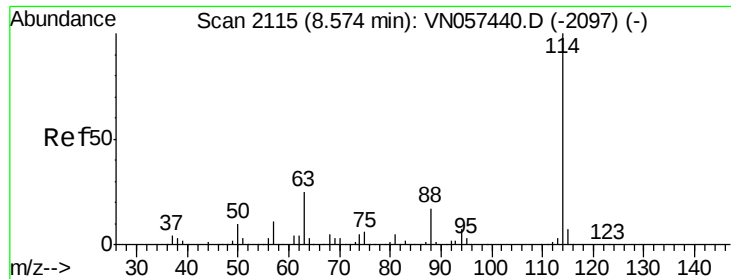
67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

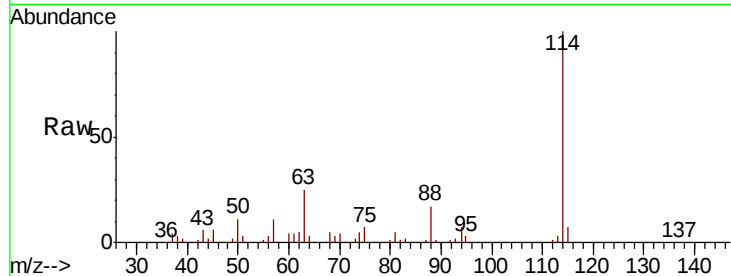




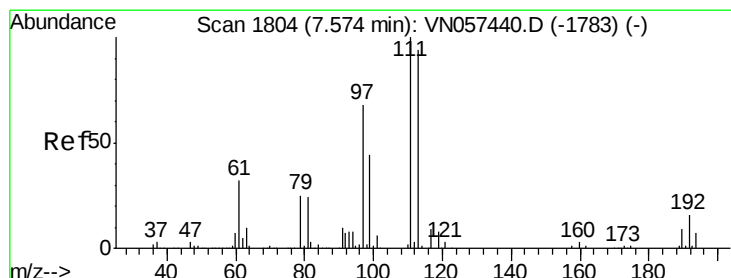
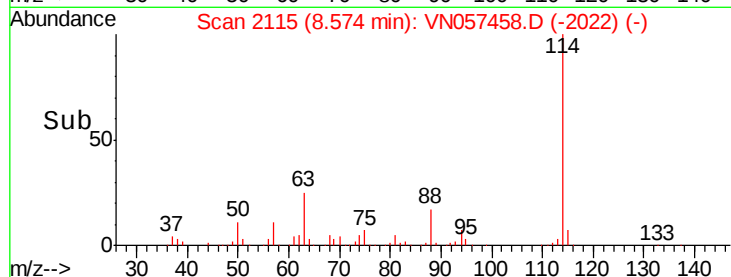
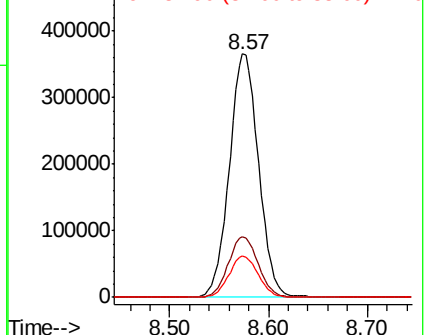
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

Tgt Ion:114 Resp: 754614
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.2
 88 16.9 0.0 34.6

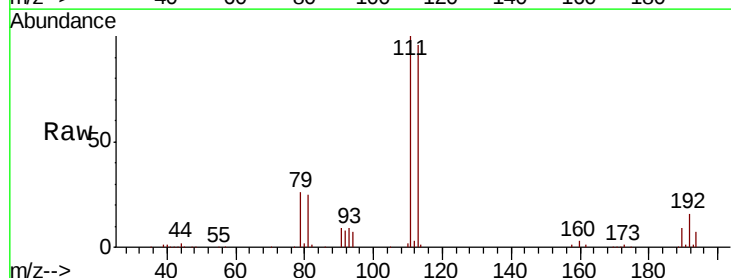


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

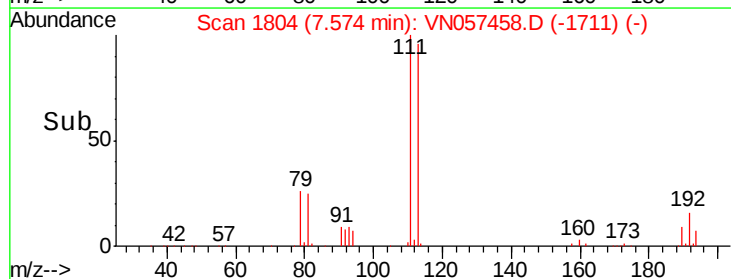
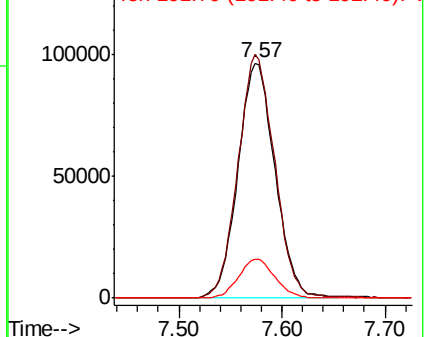


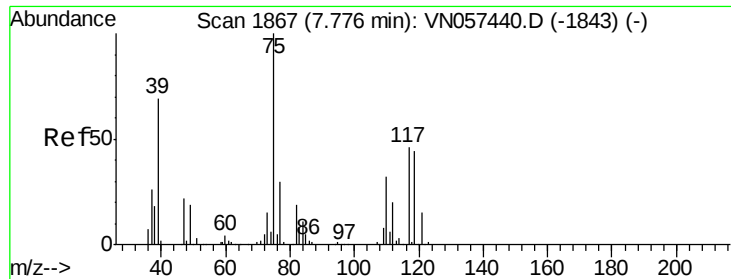
#35
 Dibromofluoromethane
 Concen: 47.325 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Tgt Ion:113 Resp: 241219
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.8 125.6
 192 16.1 13.5 20.3



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

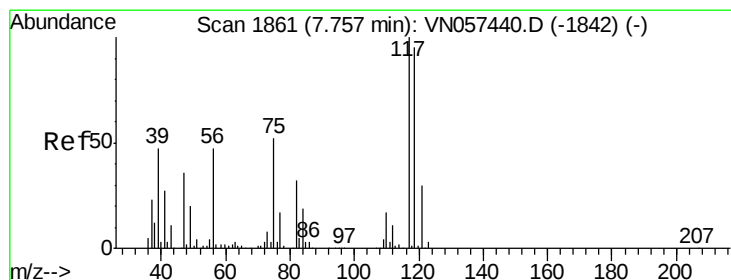
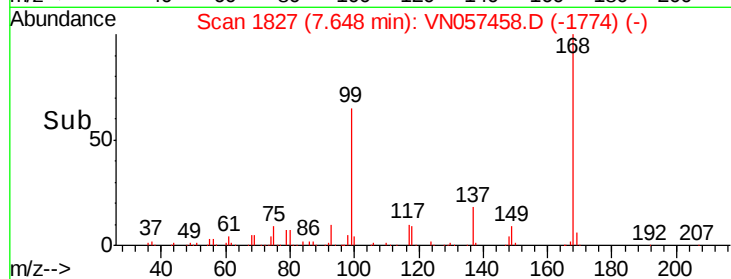
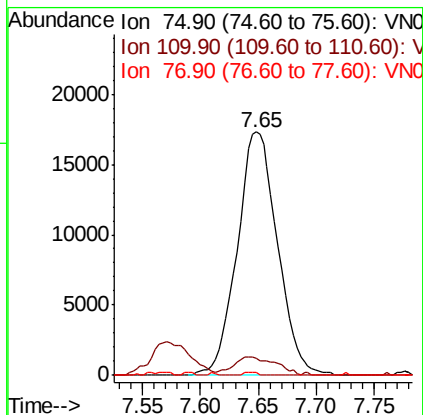
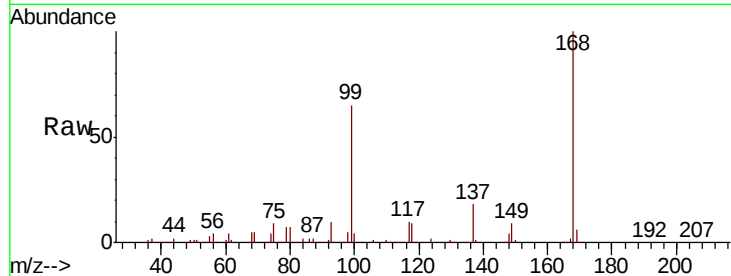




#36
 1,1-Dichloropropene
 Concen: 5.417 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

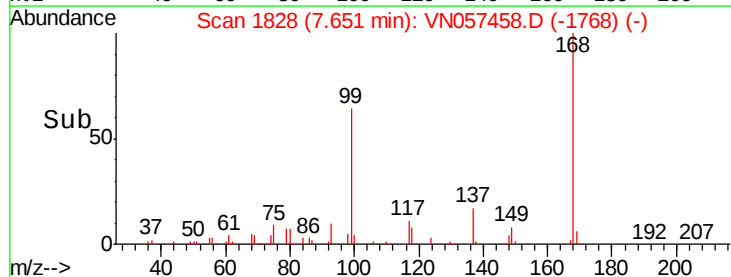
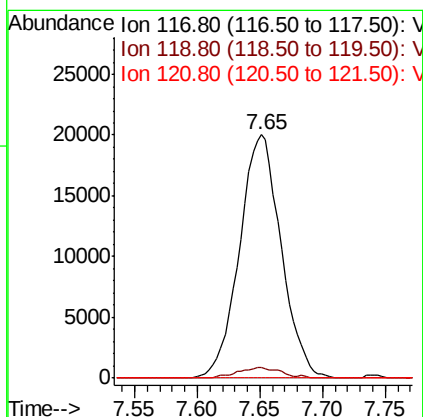
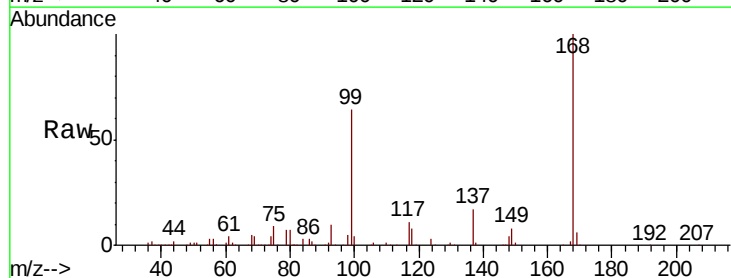
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

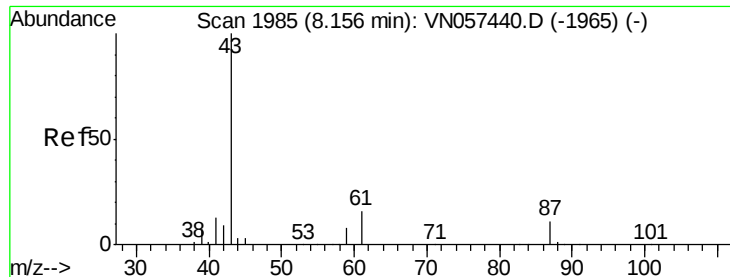
Tgt Ion: 75 Resp: 41770
 Ion Ratio Lower Upper
 75 100
 110 8.0 16.1 48.3#
 77 0.4 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.002 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Tgt Ion: 117 Resp: 45975
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 6.823 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampled :

WC-(A-C)

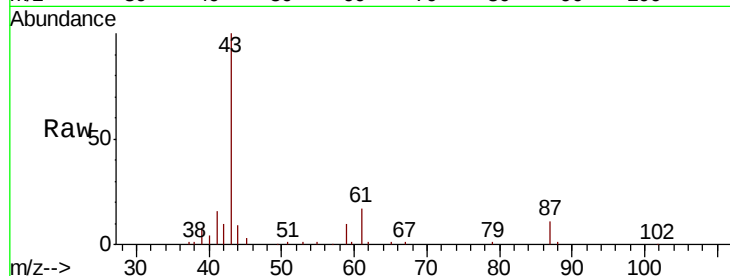
Tgt Ion: 43 Resp: 95319

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7

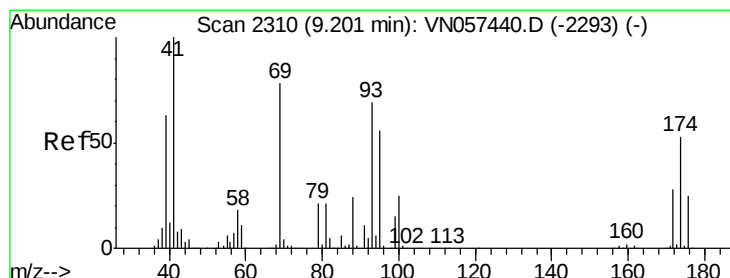
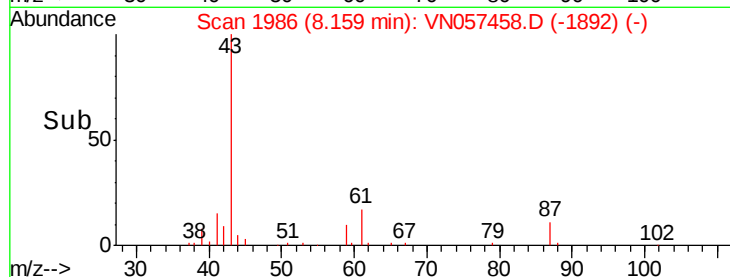
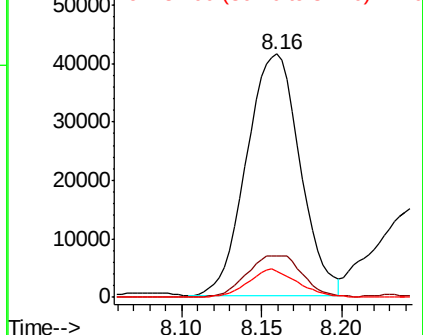
87 10.8 8.6 12.8



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



#46

Dibromomethane

Concen: Below Cal

RT: 9.16 min Scan# 2297

Delta R.T. -0.04 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

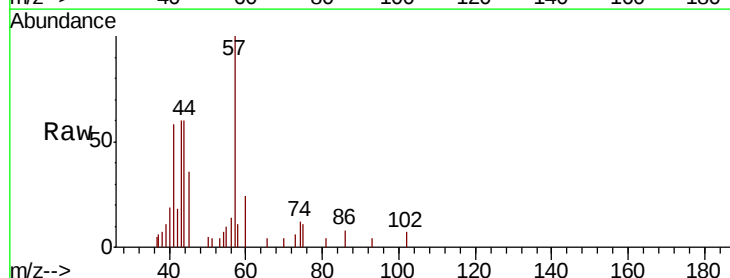
Tgt Ion: 93 Resp: 30

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

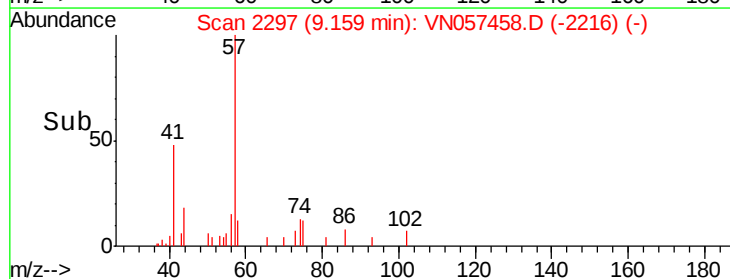
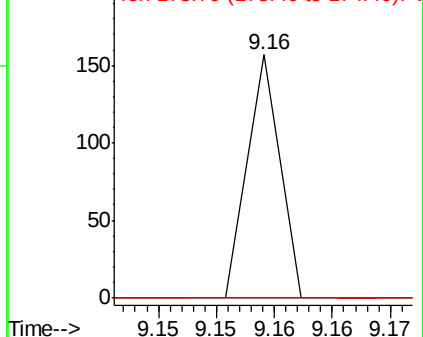
174 0.0 62.3 93.5#

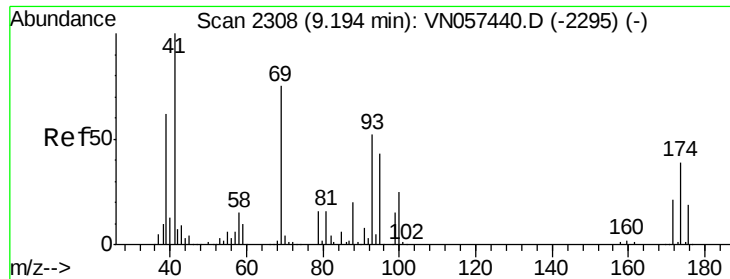


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

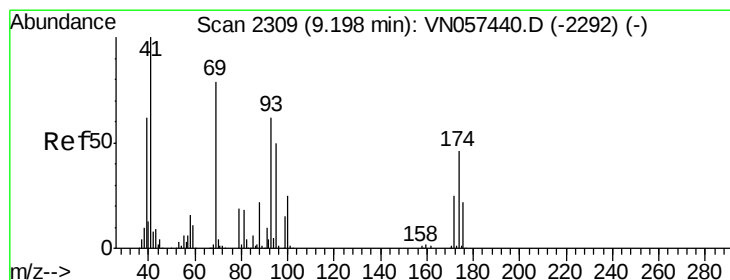
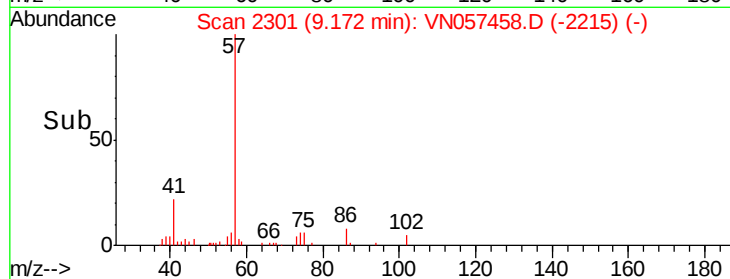
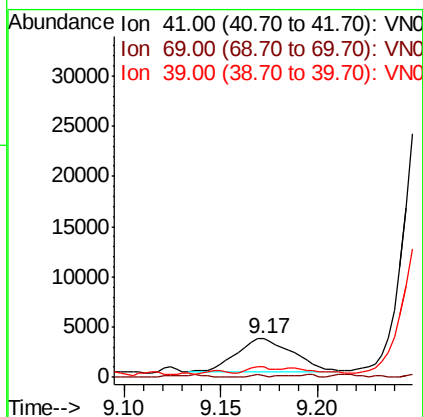
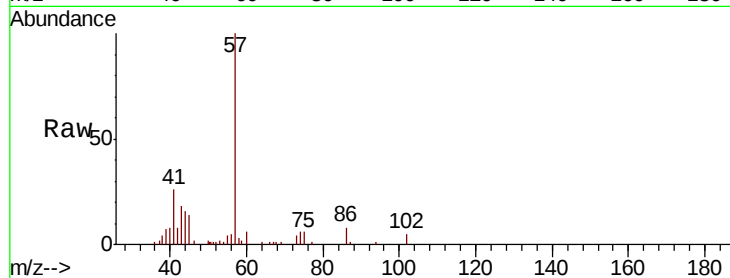




#48
Methyl methacrylate
Concen: 1.034 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

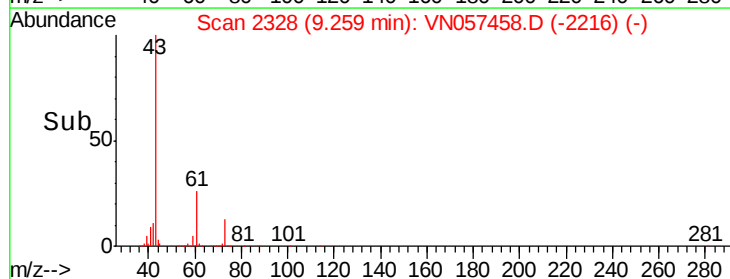
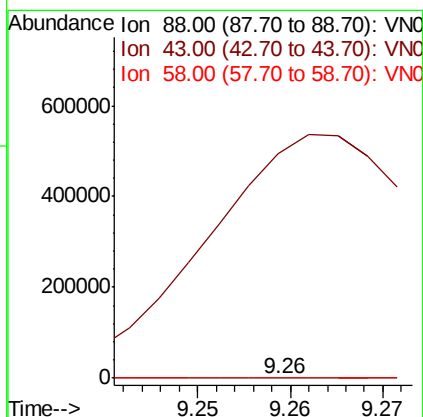
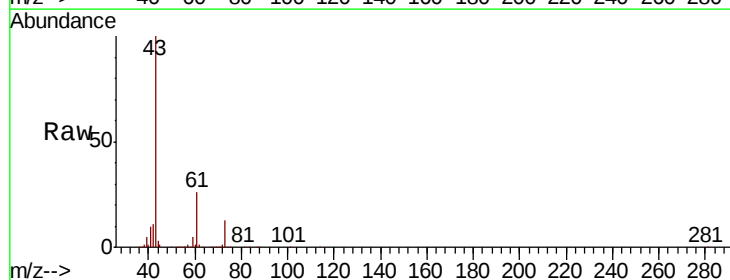
Instrument :
MSVOA_N
ClientSampled :
WC-(A-C)

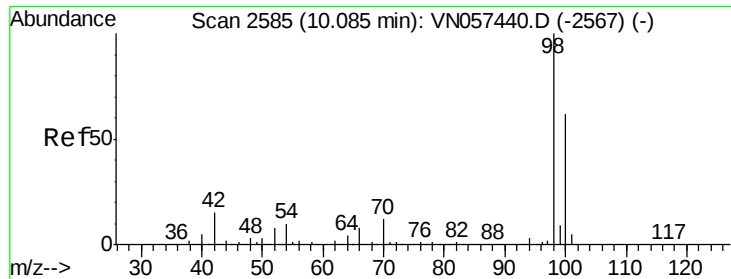
Tgt Ion: 41 Resp: 6866
Ion Ratio Lower Upper
41 100
69 1.7 59.3 88.9#
39 0.0 50.6 75.8#



#49
1,4-Dioxane
Concen: 0.803 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 1410207.2 31.0 46.6#
58 5468.1 64.5 96.7#





#50

Toluene-d8

Concen: 48.754 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampled :

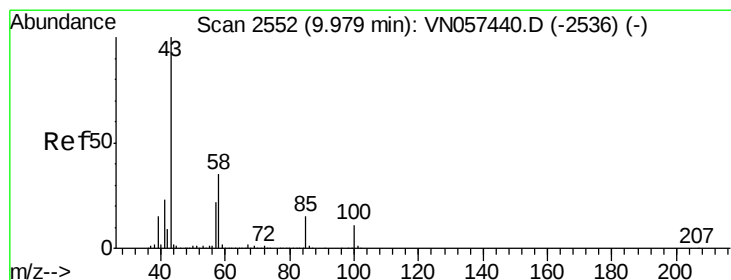
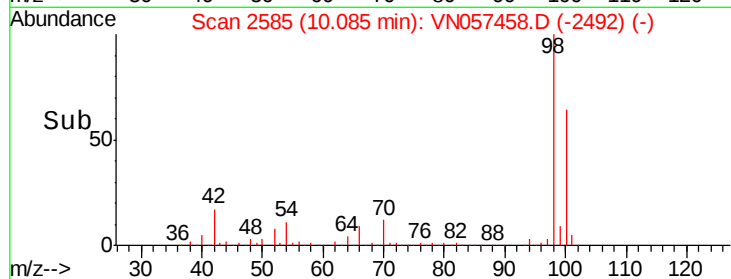
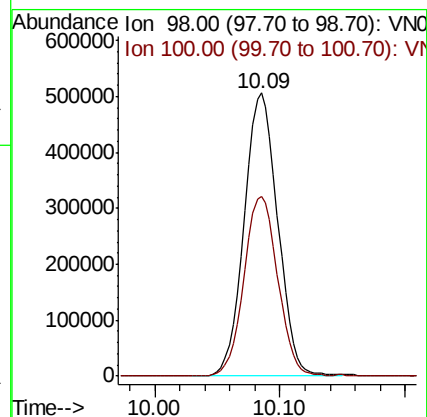
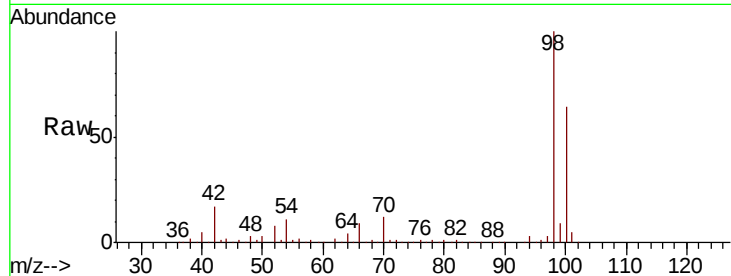
WC-(A-C)

Tgt Ion: 98 Resp: 939637

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.920 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN057458.D

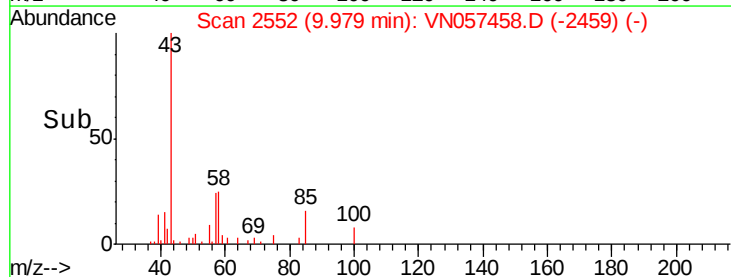
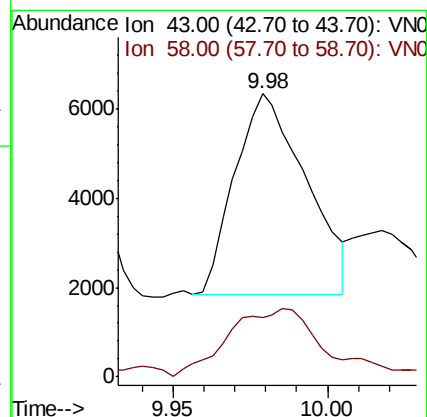
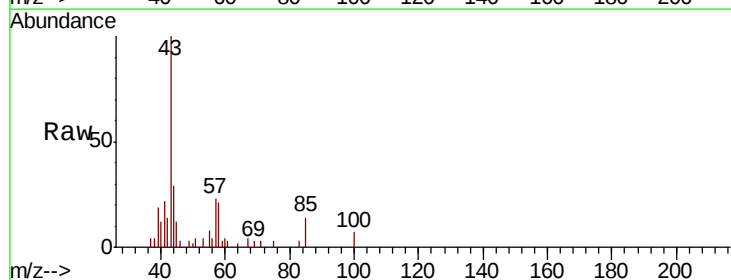
Acq: 23 Aug 2019 2:22

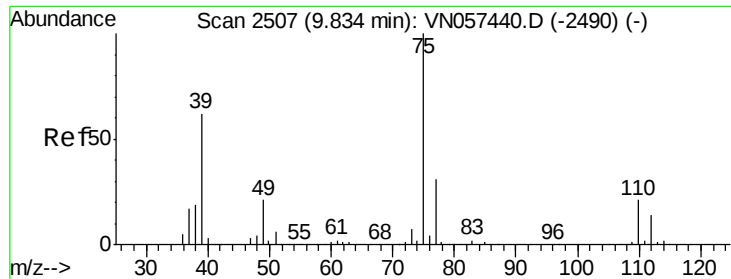
Tgt Ion: 43 Resp: 7167

Ion Ratio Lower Upper

43 100

58 46.3 27.9 41.9#



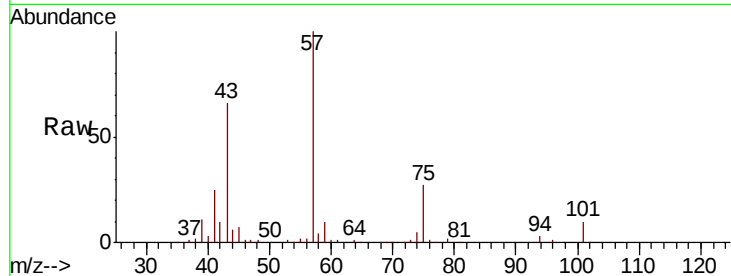


#54

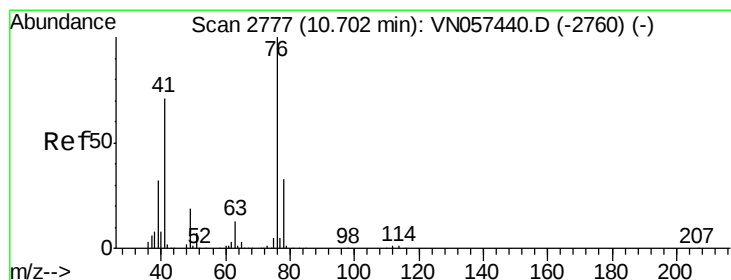
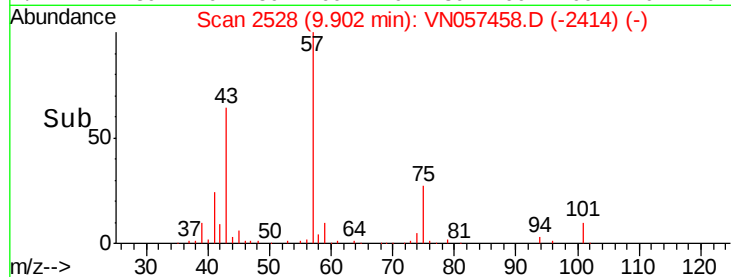
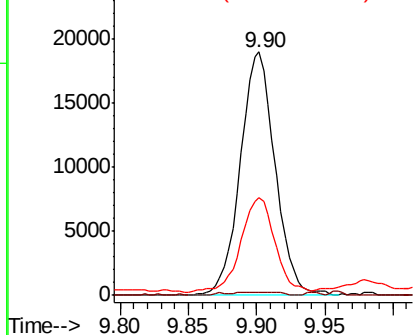
cis-1,3-Dichloropropene
 Concen: 3.365 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

Tgt Ion: 75 Resp: 33748
 Ion Ratio Lower Upper
 75 100
 77 1.3 25.0 37.6#
 39 38.5 49.2 73.8#



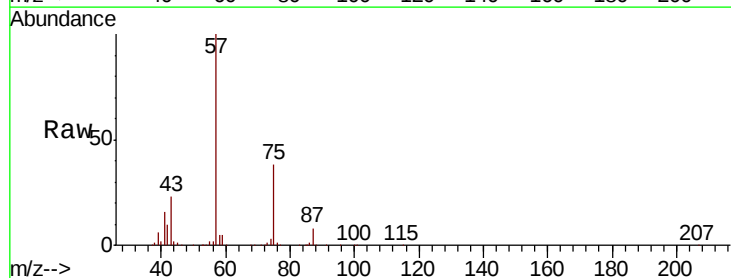
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



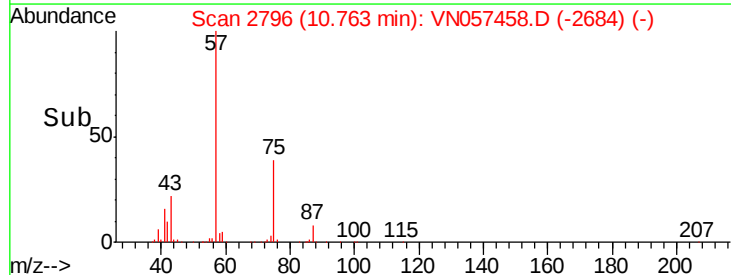
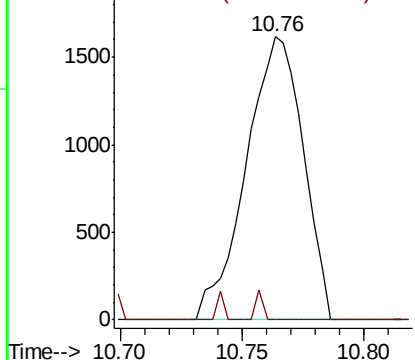
#57

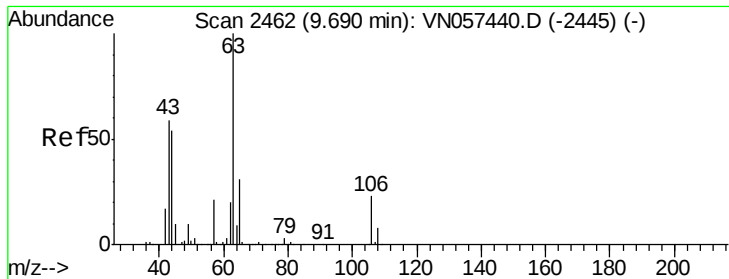
1,3-Dichloropropane
 Concen: 0.279 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Tgt Ion: 76 Resp: 2621
 Ion Ratio Lower Upper
 76 100
 78 1.2 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 17.090 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.01 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

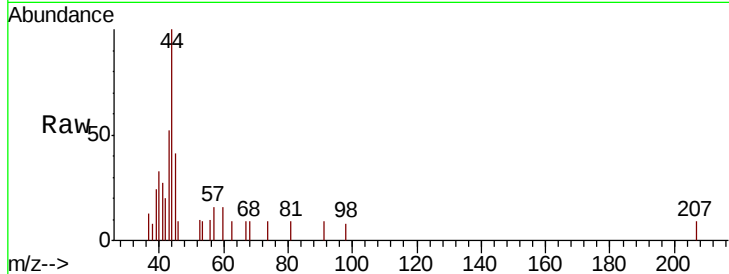
WC-(A-C)

Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

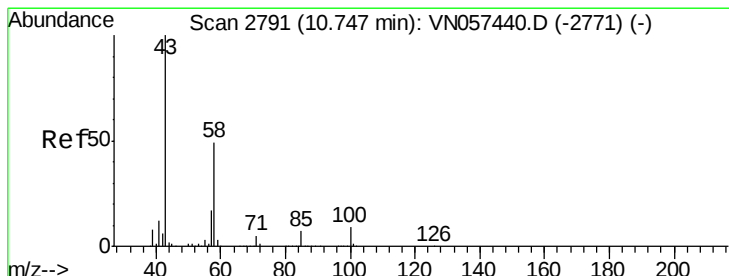
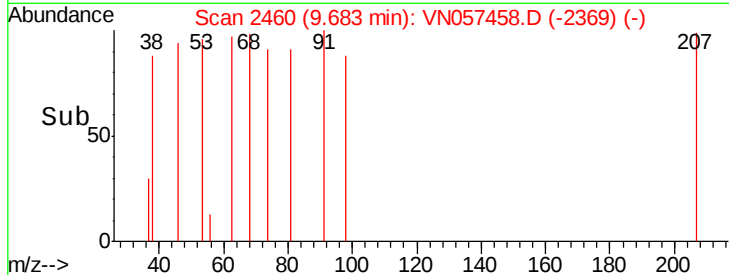
150

100

50

0

Time--> 9.67 9.68 9.69



#59

2-Hexanone

Concen: 10.070 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057458.D

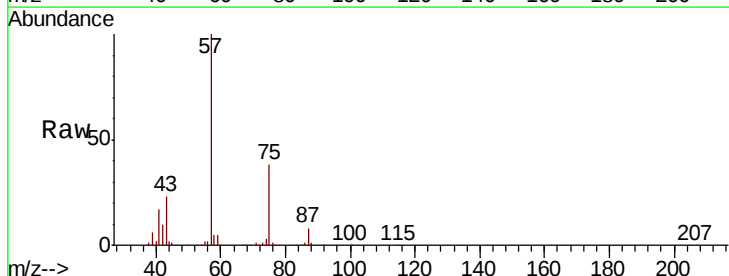
Acq: 23 Aug 2019 2:22

Tgt Ion: 43 Resp: 53777

Ion Ratio Lower Upper

43 100

58 24.0 24.6 73.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

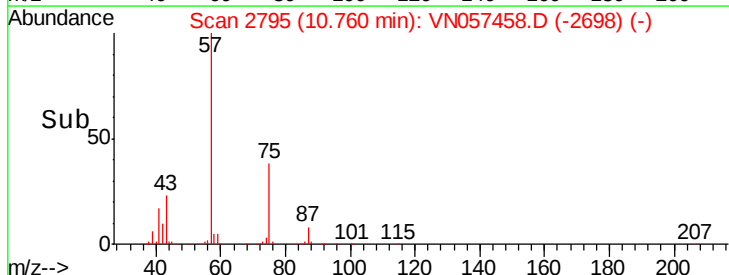
60000

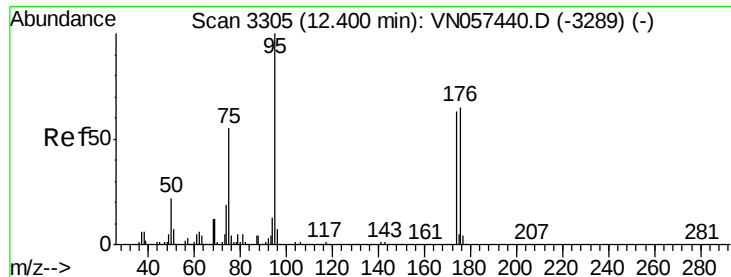
40000

20000

0

Time--> 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 40.979 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampled :

WC-(A-C)

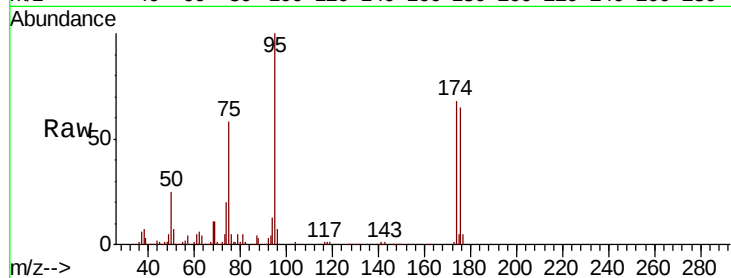
Tgt Ion: 95 Resp: 267649

Ion Ratio Lower Upper

95 100

174 68.7 0.0 133.0

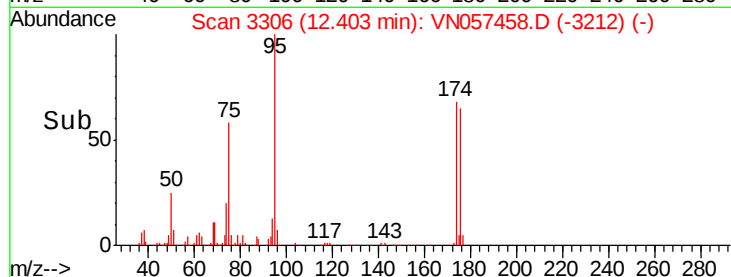
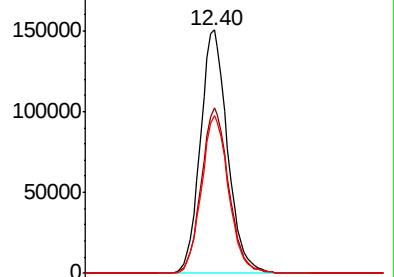
176 65.0 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN057440.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN057440.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

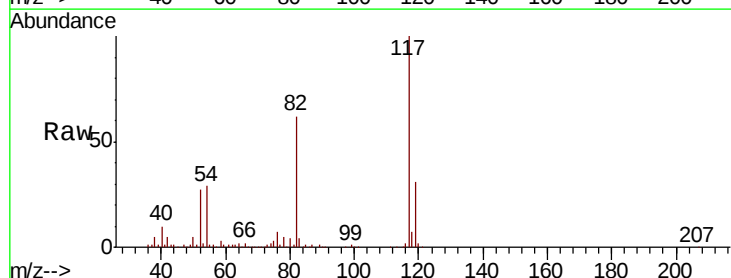
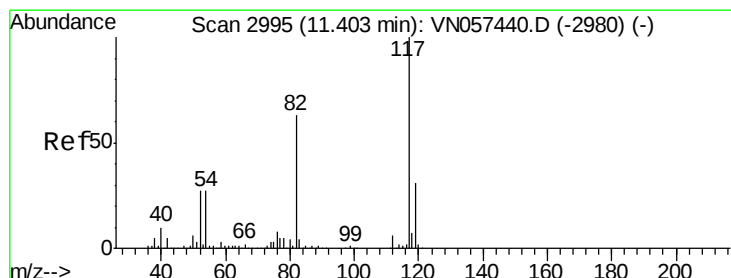
Tgt Ion: 117 Resp: 614169

Ion Ratio Lower Upper

117 100

82 62.0 50.6 75.8

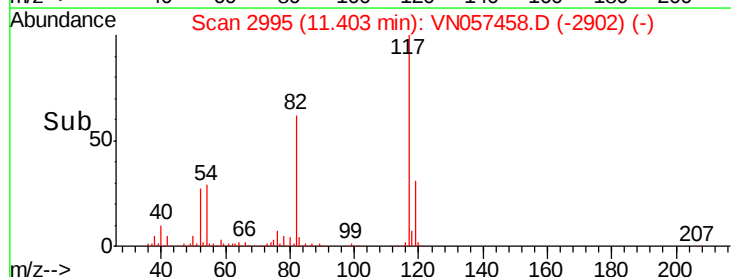
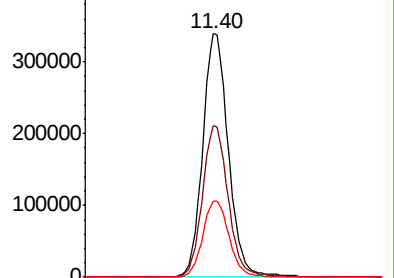
119 31.1 24.6 36.8

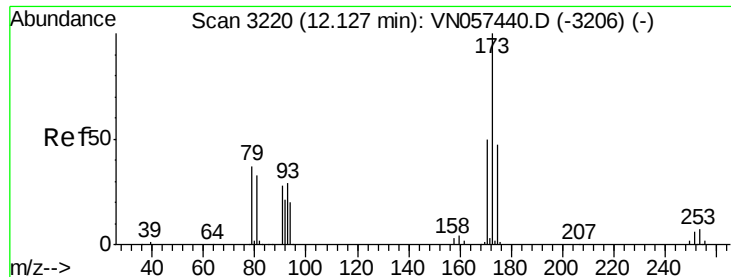


Abundance Ion 116.90 (116.60 to 117.60): VN057440.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057440.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057440.D (-2980) (-)





#71

Bromoform

Concen: 0.670 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

WC-(A-C)

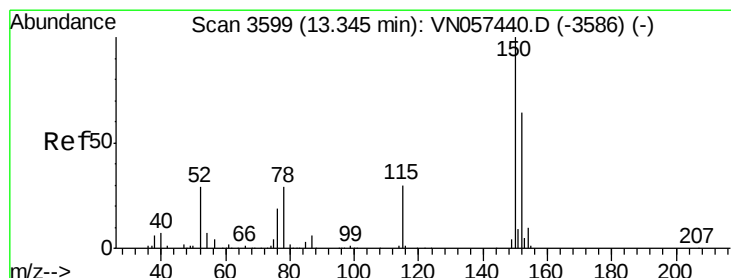
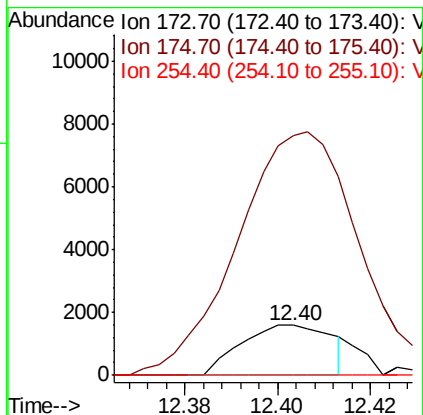
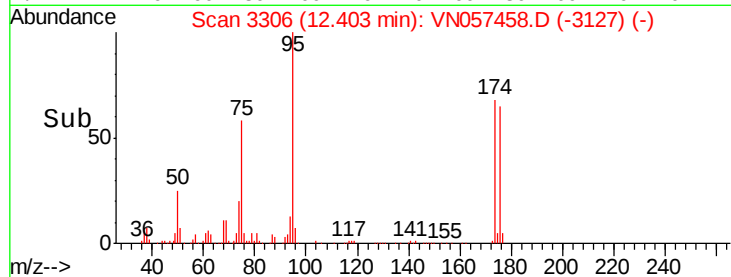
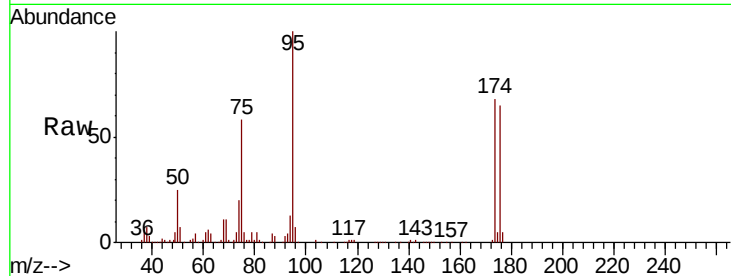
Tgt Ion:173 Resp: 2157

Ion Ratio Lower Upper

173 100

175 529.0 23.9 71.8#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

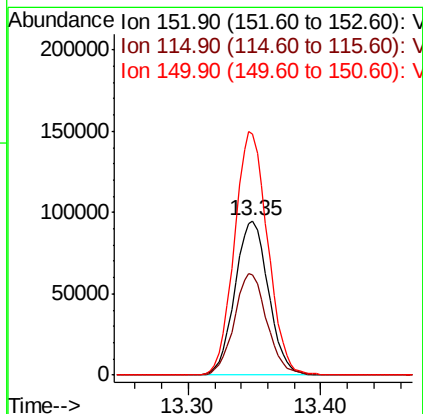
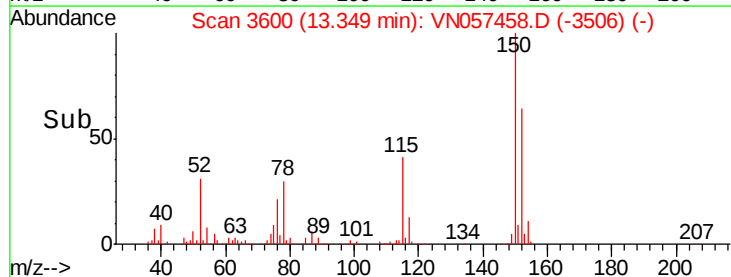
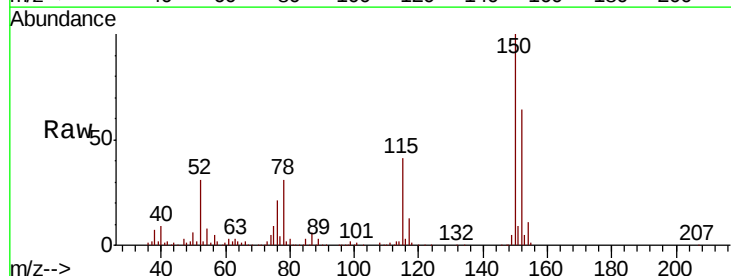
Tgt Ion:152 Resp: 166833

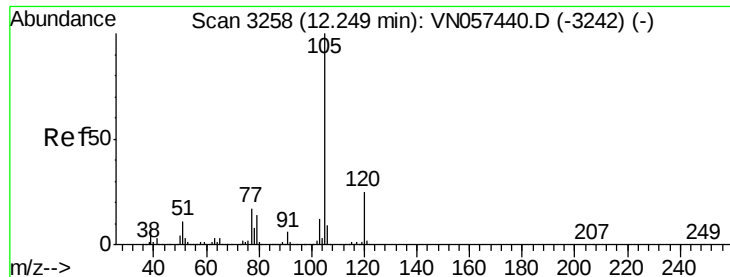
Ion Ratio Lower Upper

152 100

115 64.1 32.0 96.0

150 156.7 0.0 346.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.36 min Scan# 3292

Delta R.T. 0.11 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

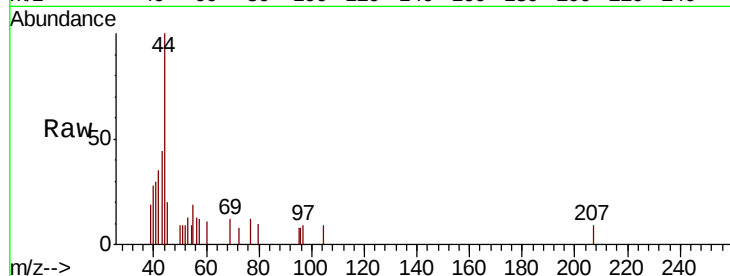
WC-(A-C)

Tgt Ion: 105 Resp: 34

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.36

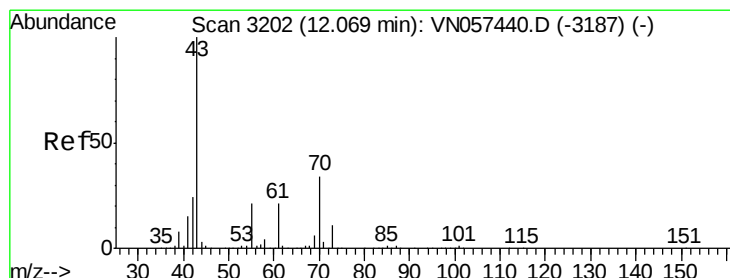
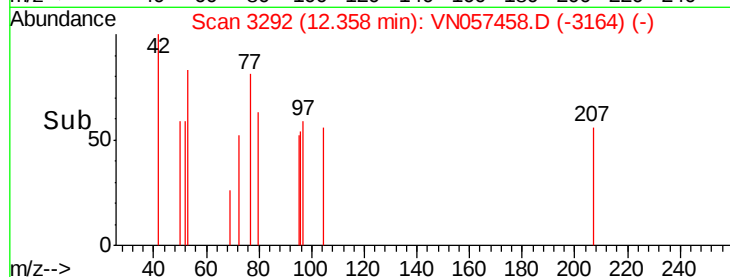
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Tgt Ion: 43 Resp: 12056

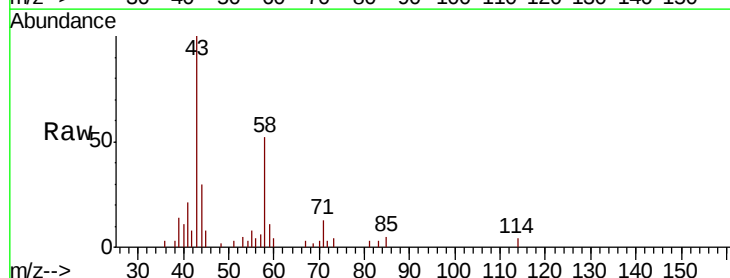
Ion Ratio Lower Upper

43 100

70 1.3 27.8 41.6#

55 3.8 17.0 25.4#

61 0.0 17.0 25.6#



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

12.03

10000

8000

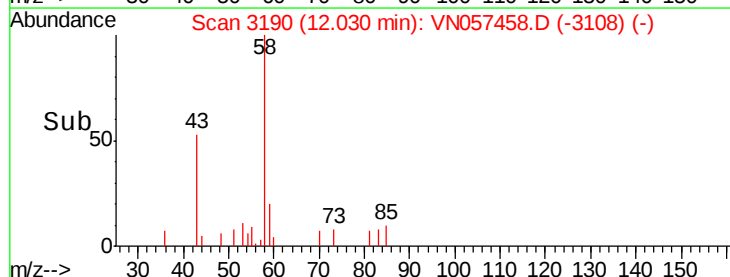
6000

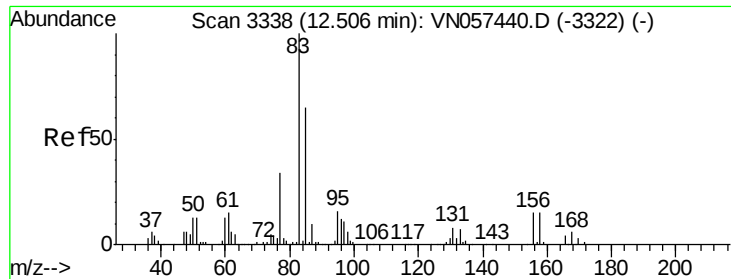
4000

2000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

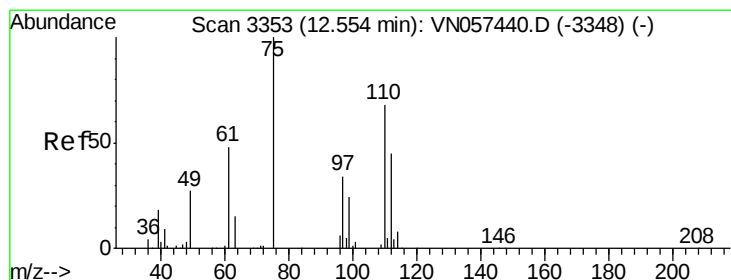
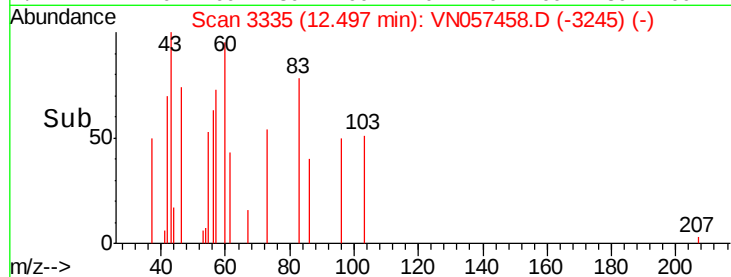
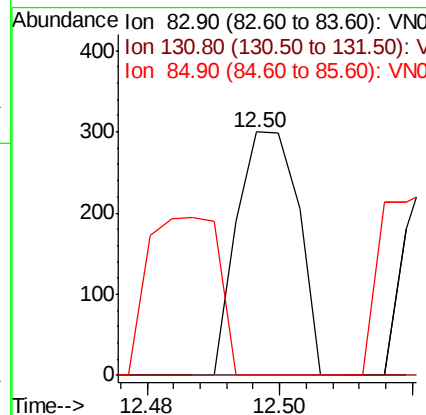
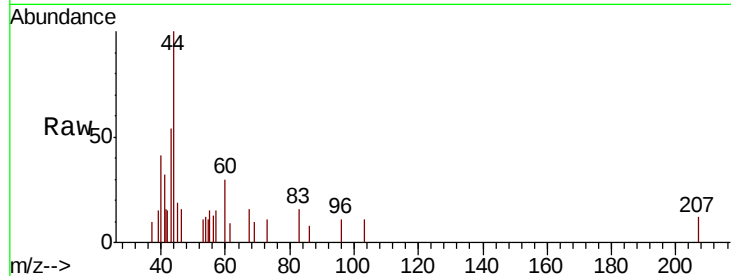
MSVOA_N

ClientSampled :

WC-(A-C)

Tgt Ion: 83 Resp: 191

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.3	13.1#
85	75.4	32.3	96.8



#76

1,2,3-Trichloropropane

Concen: 41.702 ug/l

RT: 12.40 min Scan# 3306

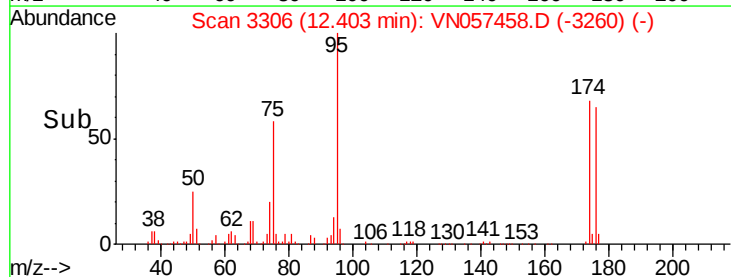
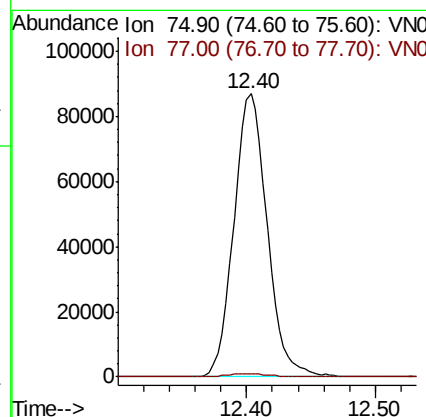
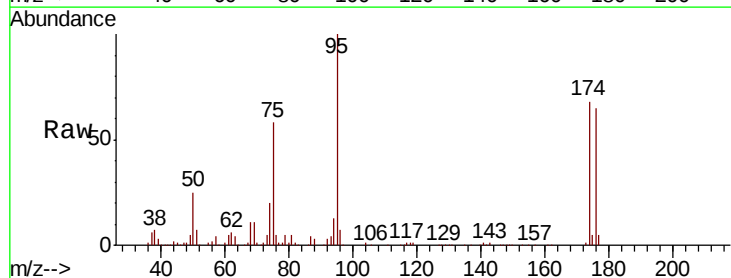
Delta R.T. -0.15 min

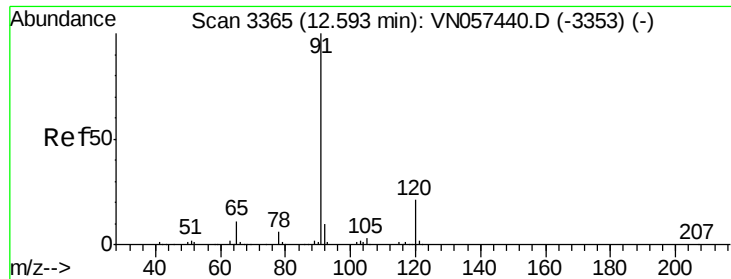
Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Tgt Ion: 75 Resp: 156285

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#78

n-propylbenzene

Concen: Below Cal

RT: 12.72 min Scan# 3404

Delta R.T. 0.13 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampled :

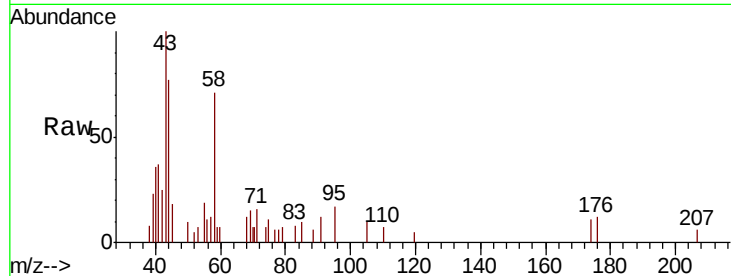
WC-(A-C)

Tgt Ion: 91 Resp: 210

Ion Ratio Lower Upper

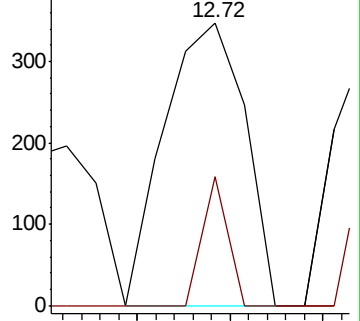
91 100

120 14.3 10.7 32.1

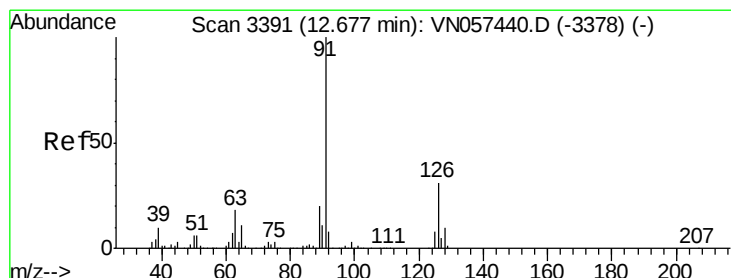
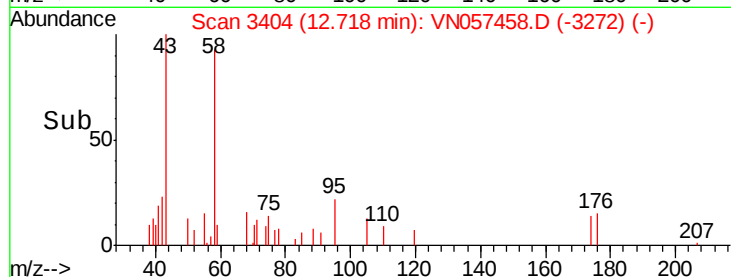


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057458.D

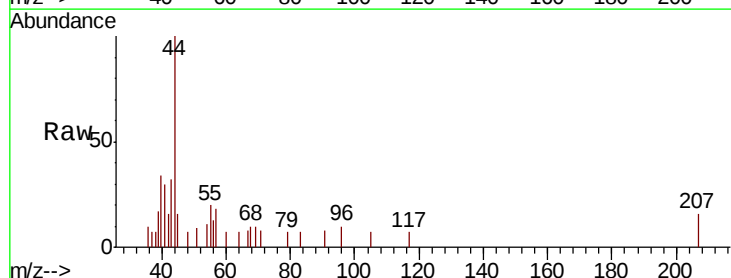
Acq: 23 Aug 2019 2:22

Tgt Ion: 91 Resp: 66

Ion Ratio Lower Upper

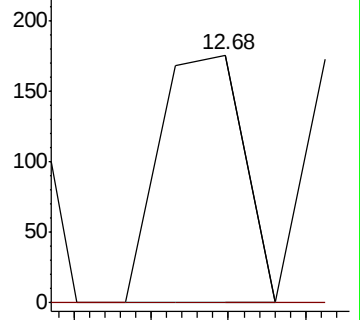
91 100

126 0.0 15.3 45.8#

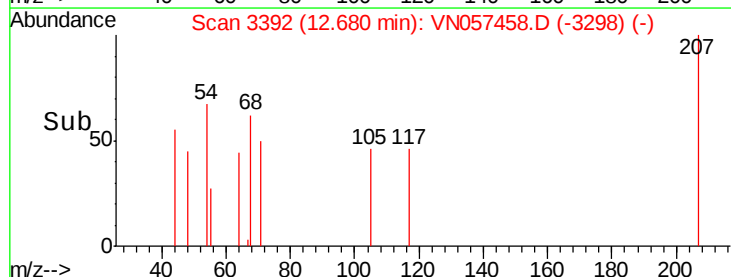


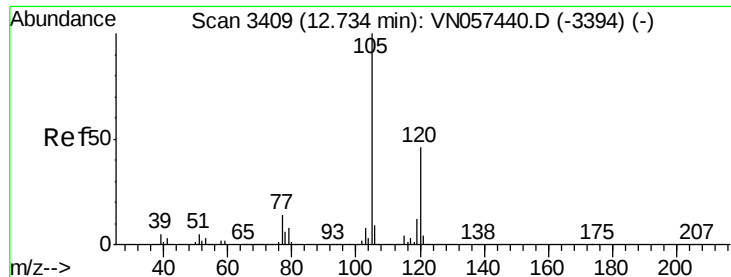
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->

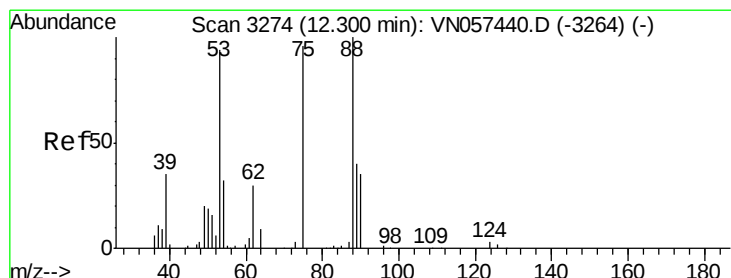
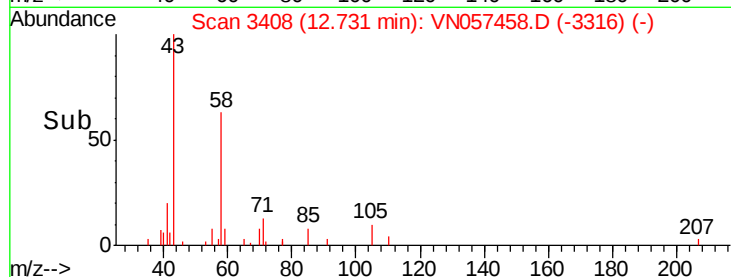
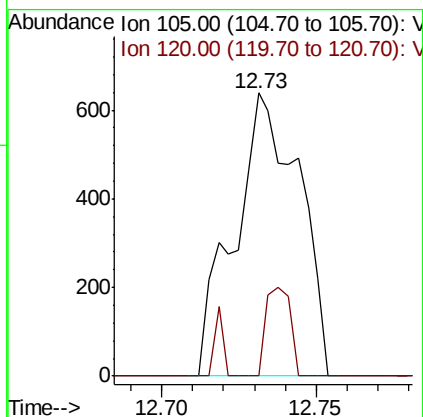
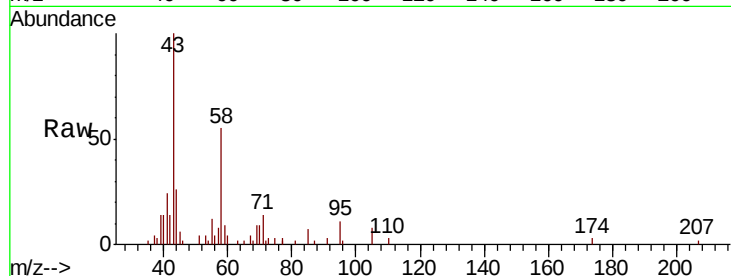




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

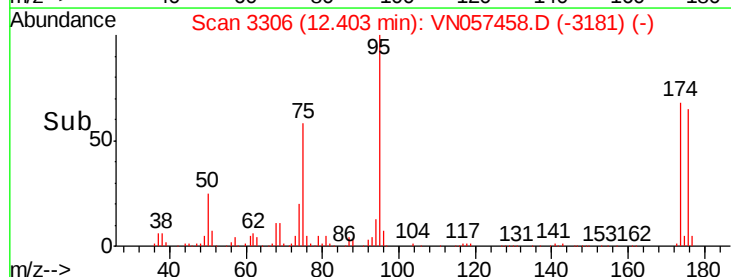
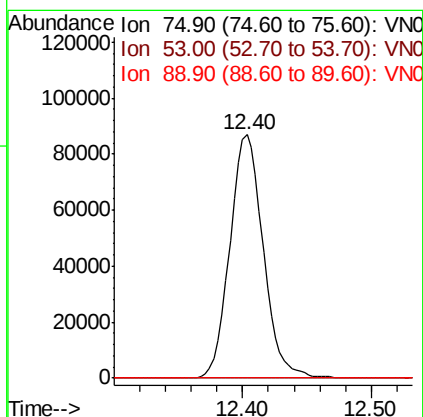
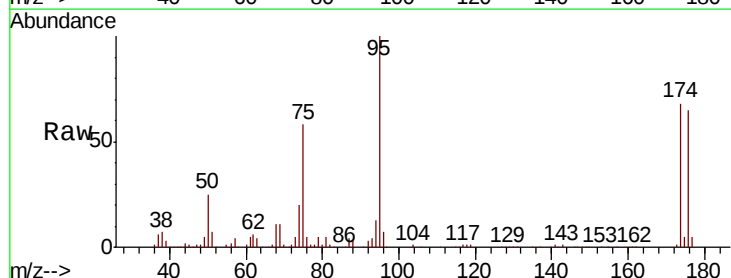
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

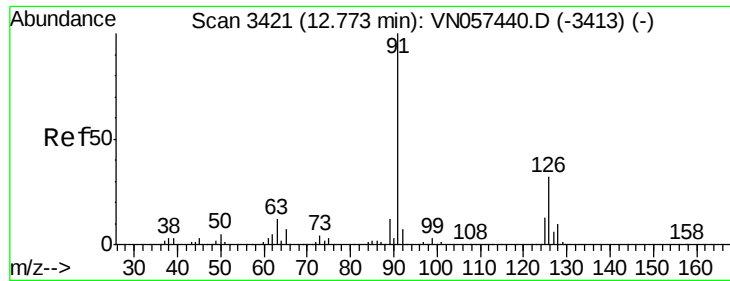
Tgt Ion: 105 Resp: 932
 Ion Ratio Lower Upper
 105 100
 120 11.7 23.3 69.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.376 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Tgt Ion: 75 Resp: 156285
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#

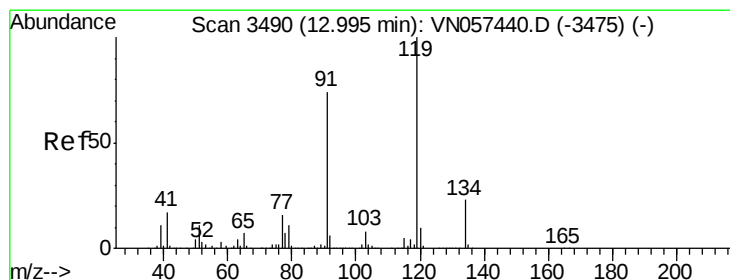
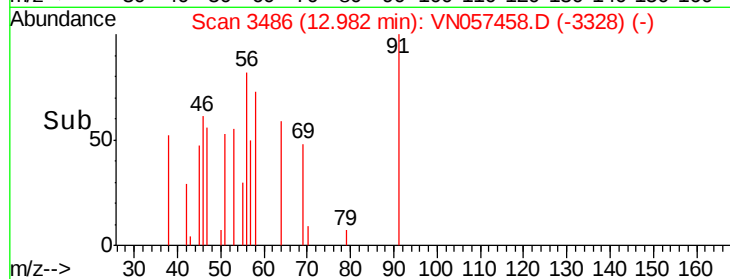
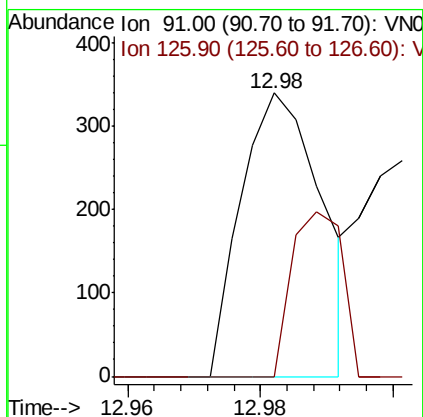
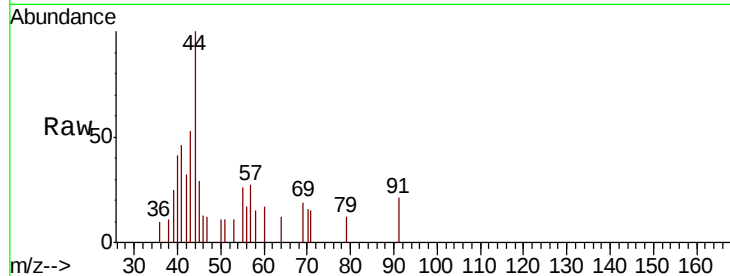




#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.98 min Scan# 3486
Delta R.T. 0.21 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

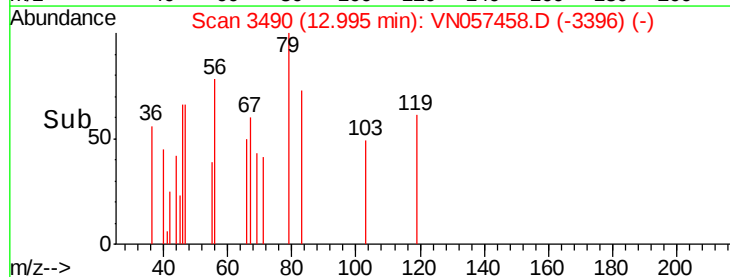
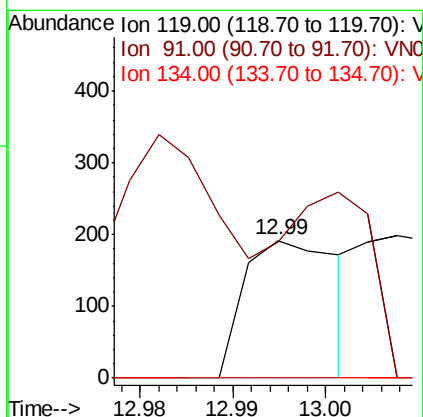
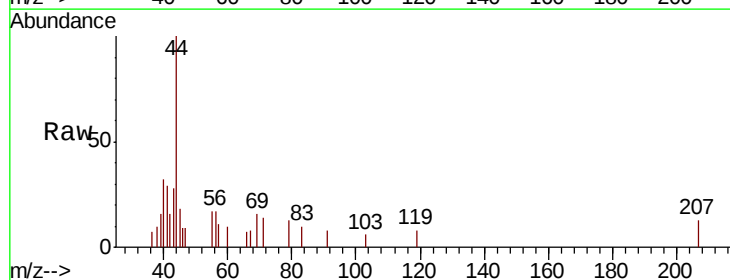
Instrument :
MSVOA_N
ClientSampled :
WC-(A-C)

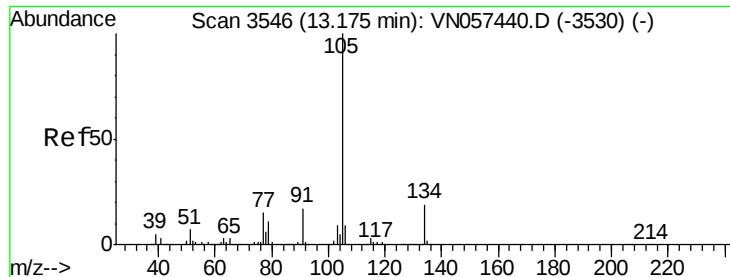
Tgt Ion: 91 Resp: 286
Ion Ratio Lower Upper
91 100
126 36.7 15.0 45.0



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Tgt Ion: 119 Resp: 136
Ion Ratio Lower Upper
119 100
91 130.1 37.0 111.0#
134 0.0 12.2 36.6#

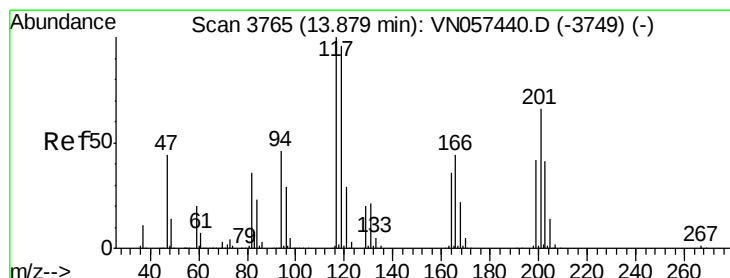
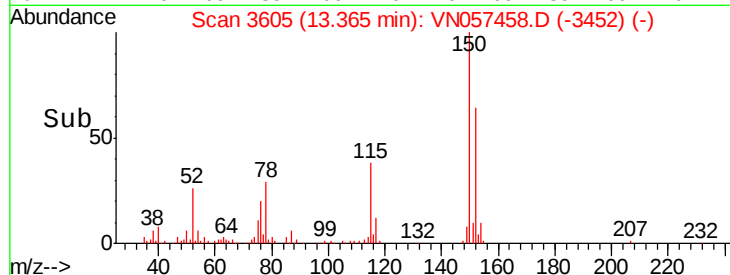
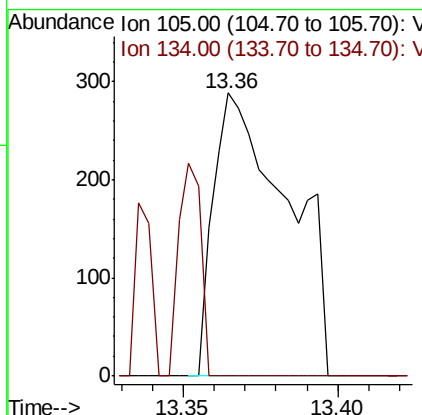
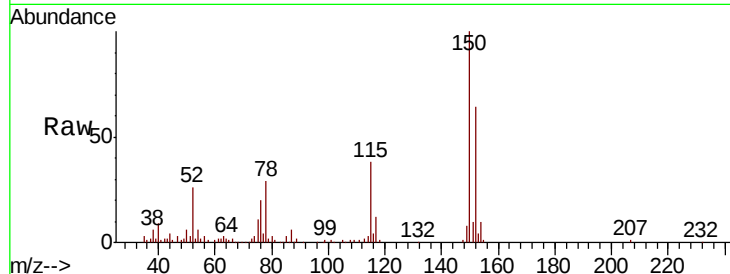




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.19 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

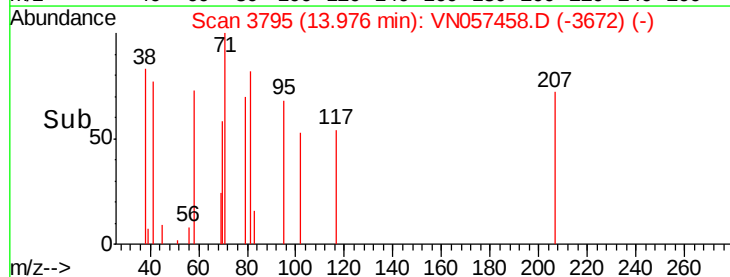
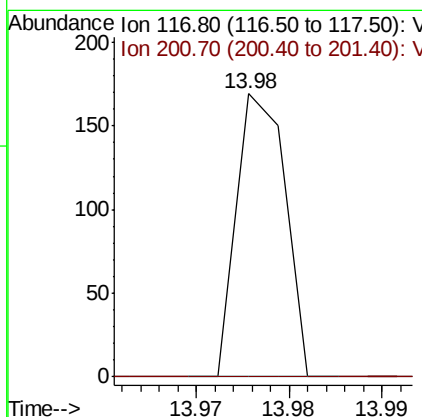
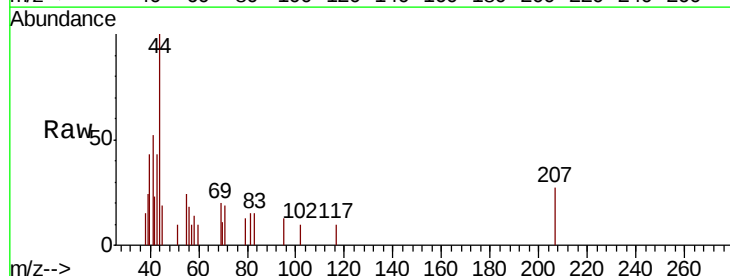
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

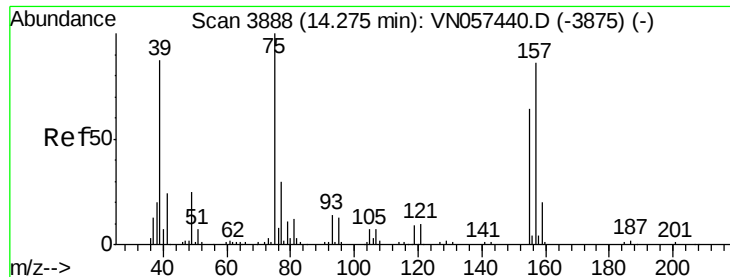
Tgt Ion:105 Resp: 480
 Ion Ratio Lower Upper
 105 100
 134 22.9 9.3 27.9



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.98 min Scan# 3795
 Delta R.T. 0.10 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Tgt Ion:117 Resp: 62
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.1 99.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.30 min Scan# 3897

Delta R.T. 0.03 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

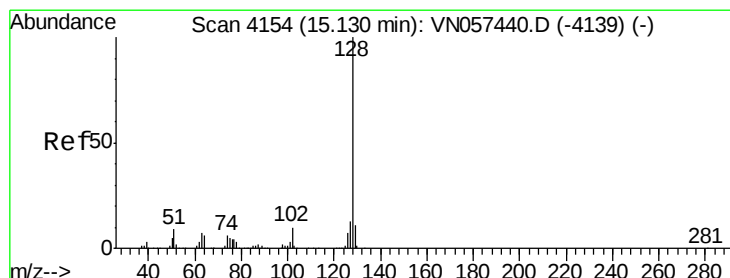
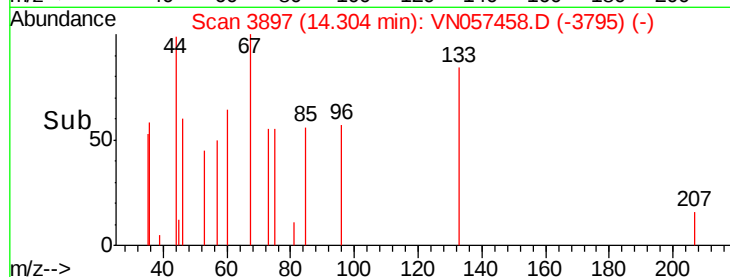
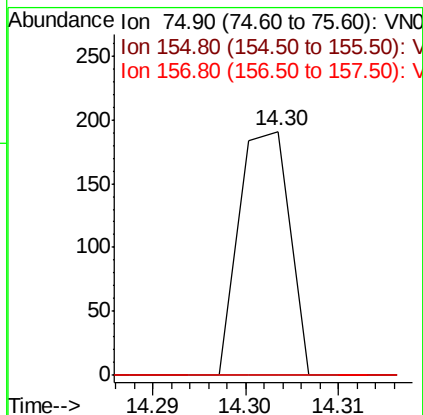
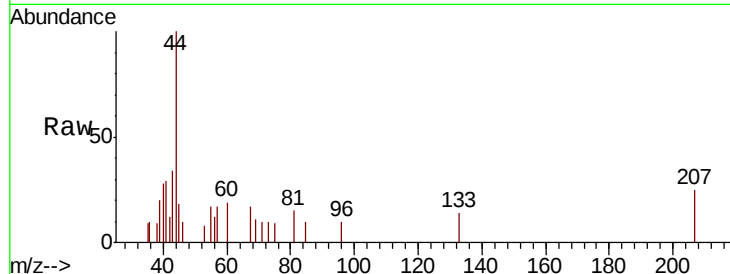
Instrument :

MSVOA_N

ClientSampleId :

WC-(A-C)

Tgt Ion:	75	Resp:	72
Ion	Ratio	Lower	Upper
75	100		
155	0.0	31.6	94.7#
157	0.0	43.3	129.8#



#95

Naphthalene

Concen: 4.503 ug/l

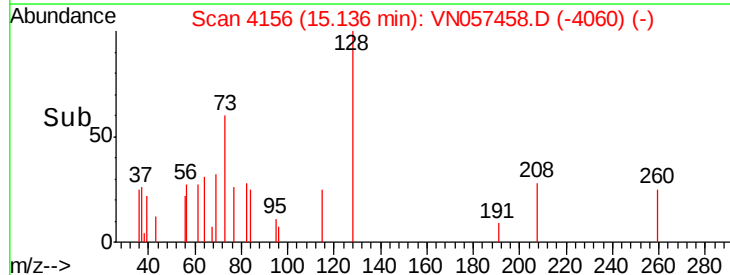
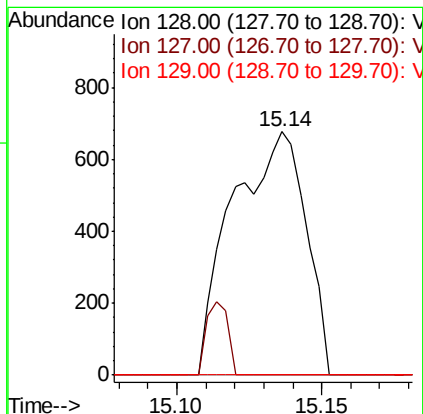
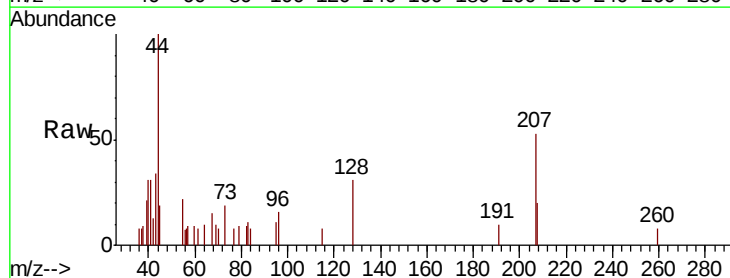
RT: 15.14 min Scan# 4156

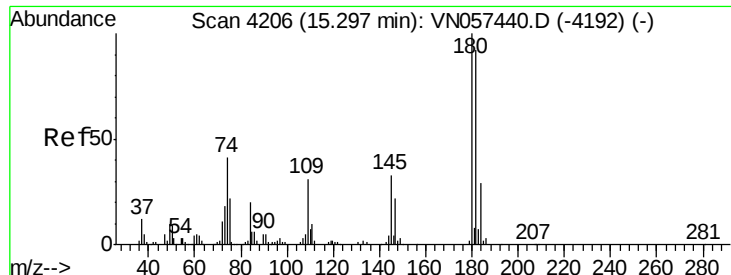
Delta R.T. 0.01 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Tgt Ion:	128	Resp:	1188
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.144 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN057458.D
 Acq: 23 Aug 2019 2:22

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	257.6	46.7	140.1#
145	0.0	16.8	50.3#

