

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061961.D
 Acq On : 19 Jun 2020 18:47
 Operator : JC/MD
 Sample : L3033-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW011-200615

Quant Time: Jun 20 07:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	149073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	274874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	99513	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	7.55	113	87980	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	10.06	98	342250	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	117571	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	542	0.262	ug/l #	77
6) Chloroethane	2.67	64	7421	4.445	ug/l	98
8) Diethyl Ether	3.38	74	7608	7.680	ug/l	85
11) Tert butyl alcohol	4.73	59	13064	47.220	ug/l #	81
16) Acetone	3.78	43	1531	2.592	ug/l	98
18) Methyl Acetate	4.29	43	1414	0.832	ug/l #	62
25) 2-Butanone	6.78	43	3528	4.095	ug/l #	76
26) 2,2-Dichloropropane	6.77	77	4849	1.915	ug/l #	52
29) Tetrahydrofuran	7.17	42	7045	12.424	ug/l	91
31) Cyclohexane	7.63	56	3128	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	12855	5.127	ug/l #	46
38) Carbon Tetrachloride	7.62	117	14880	5.993	ug/l #	17
40) Benzene	8.00	78	20509	2.700	ug/l	98
41) Methacrylonitrile	7.17	41	3906	4.666	ug/l #	100
43) Isopropyl Acetate	8.10	43	759	0.230	ug/l #	1
48) Methyl methacrylate	9.17	41	555	0.370	ug/l #	14
49) 1,4-Dioxane	9.17	88	26707	775.266	ug/l	97
51) 4-Methyl-2-Pentanone	10.06	43	1402	0.719	ug/l #	1
52) Toluene	10.13	92	16772	3.516	ug/l	96
59) 2-Hexanone	10.58	43	5762	16.907	ug/l	71
65) Chlorobenzene	11.41	112	1400945	241.413	ug/l	100
68) m/p-Xylenes	11.59	106	5035	1.342	ug/l	98
69) o-Xylene	11.92	106	2112	0.590	ug/l	95
70) Styrene	11.96	104	1882	0.314	ug/l #	27
71) Bromoform	12.37	173	385	0.261	ug/l #	29
73) Isopropylbenzene	12.23	105	3906	0.508	ug/l	95
74) N-amyl acetate	11.97	43	134	3.109	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	58806	27.677	ug/l #	100
78) n-propylbenzene	12.57	91	3291	0.375	ug/l	94
79) 2-Chlorotoluene	12.65	91	4586	0.870	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	58806	75.487	ug/l #	14
82) 4-Chlorotoluene	12.65	91	4586	0.842	ug/l	93
83) tert-Butylbenzene	12.97	119	1244	0.231	ug/l #	87
84) 1,2,4-Trimethylbenzene	13.02	105	3815	0.607	ug/l	97

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QLast Update : Wed Jun 17 01:19:44 2020
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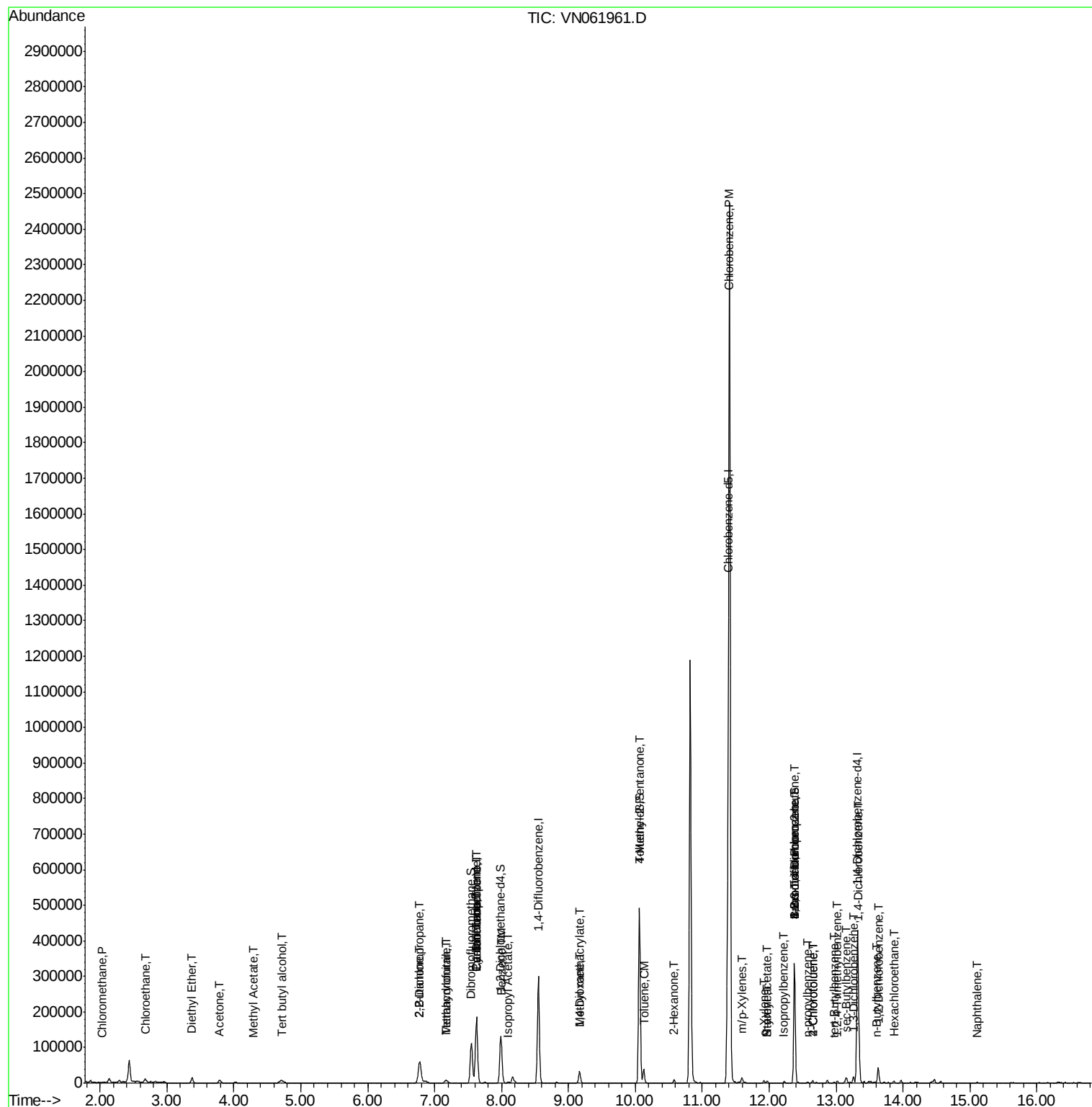
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.15	105	2561	0.363	ug/l #	70
87) 1,3-Dichlorobenzene	13.26	146	7490	2.117	ug/l	95
88) 1,4-Dichlorobenzene	13.34	146	53234	14.696	ug/l	98
89) n-Butylbenzene	13.59	91	1674	0.319	ug/l #	71
90) Hexachloroethane	13.86	117	412	0.358	ug/l #	15
91) 1,2-Dichlorobenzene	13.63	146	18987	5.573	ug/l	99
95) Naphthalene	15.11	128	1187	3.688	ug/l #	69

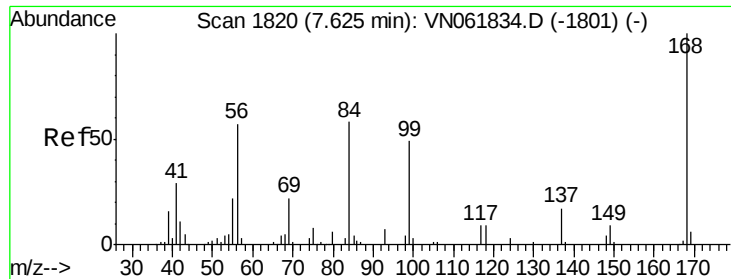
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

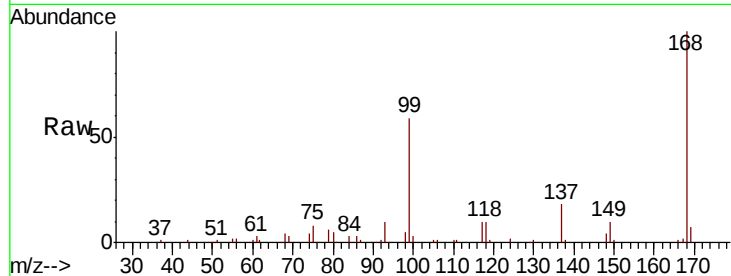
SS043MW011-200615

Tot Ion:168 Resp: 149073

Ion Ratio Lower Upper

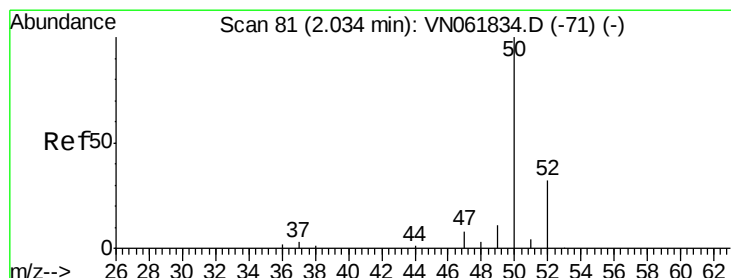
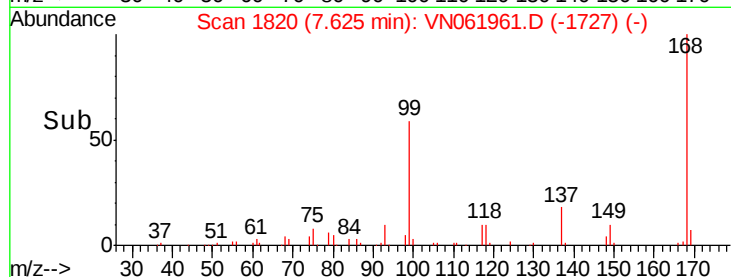
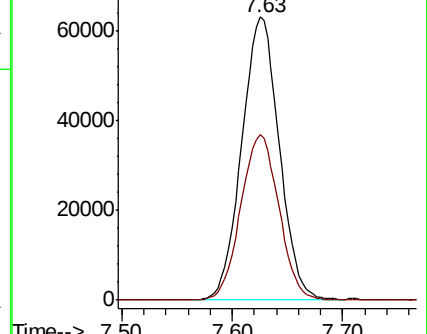
168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.262 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061961.D

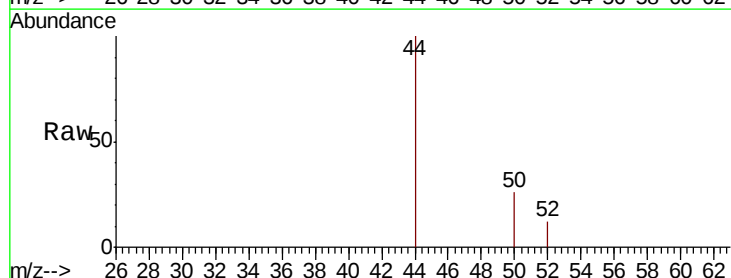
Acq: 19 Jun 2020 18:47

Tgt Ion: 50 Resp: 542

Ion Ratio Lower Upper

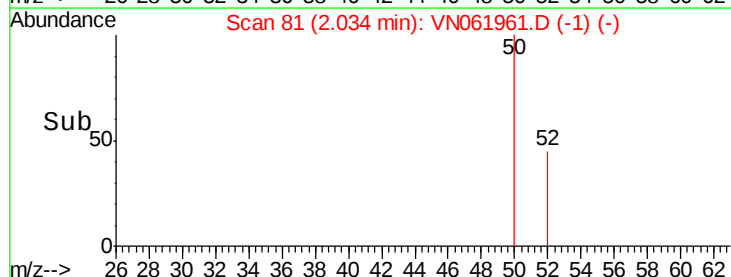
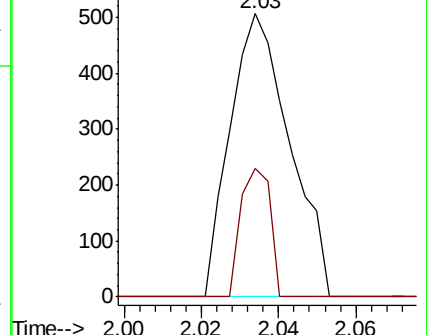
50 100

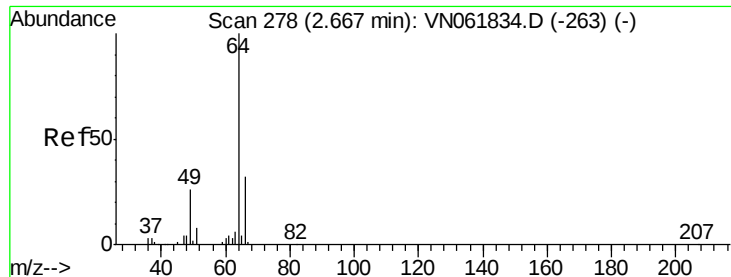
52 45.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#6

Chloroethane

Concen: 4.445 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

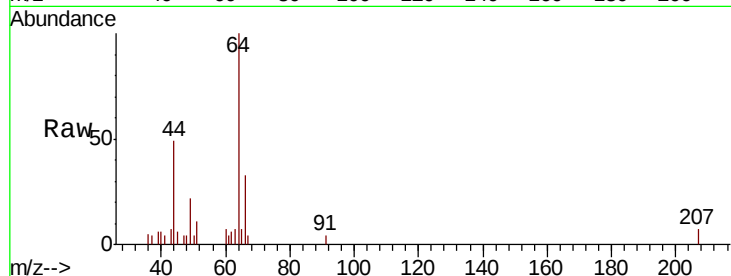
SS043MW011-200615

Tot Ion: 64 Resp: 7421

Ion Ratio Lower Upper

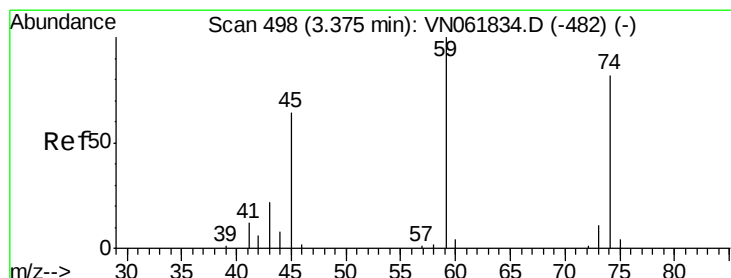
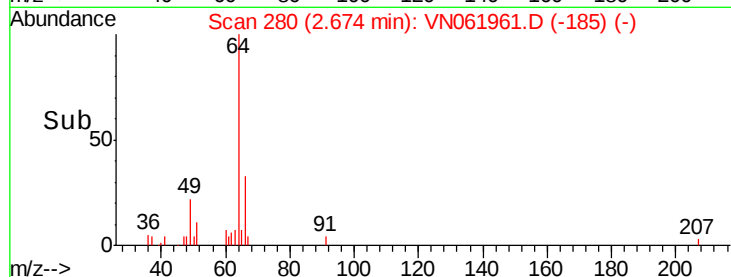
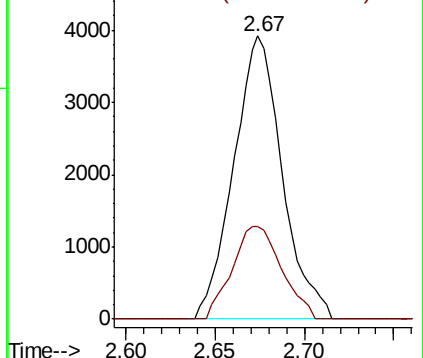
64 100

66 32.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#8

Diethyl Ether

Concen: 7.680 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.00 min

Lab File: VN061961.D

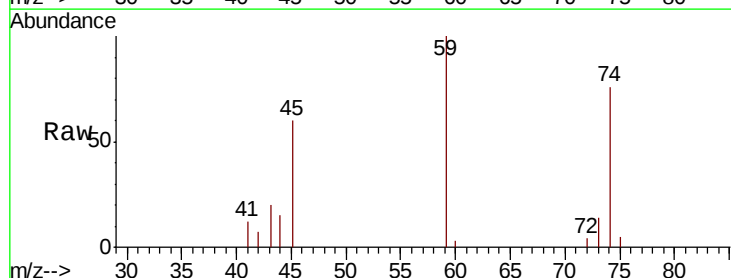
Acq: 19 Jun 2020 18:47

Tgt Ion: 74 Resp: 7608

Ion Ratio Lower Upper

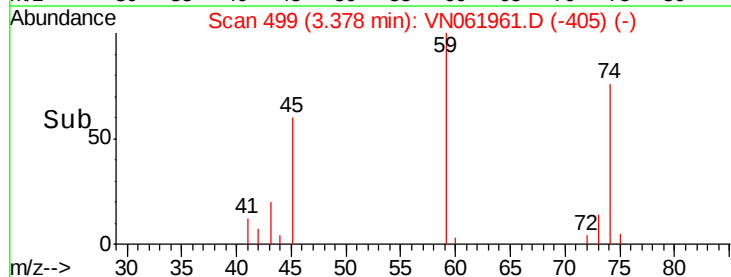
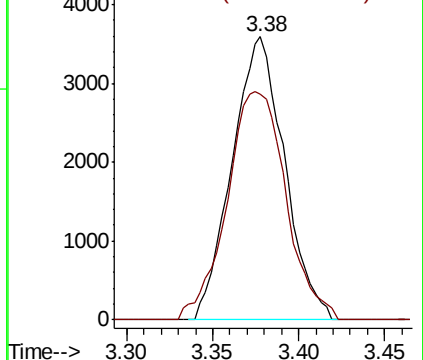
74 100

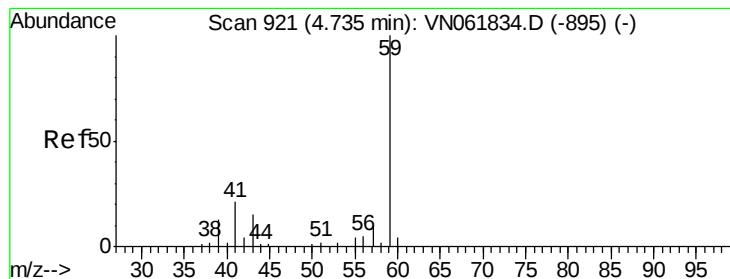
45 90.9 39.1 117.3



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



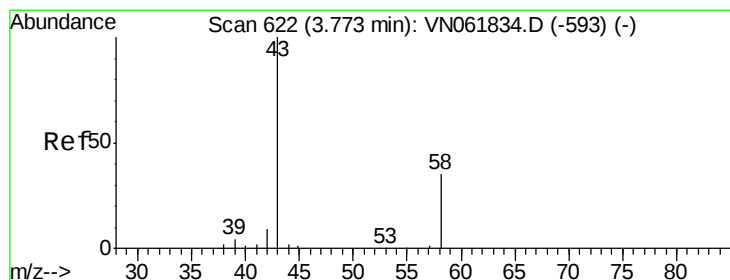
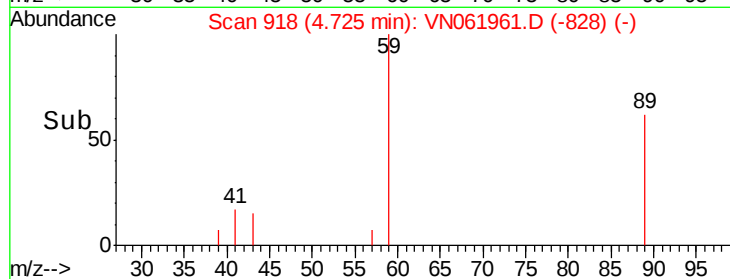
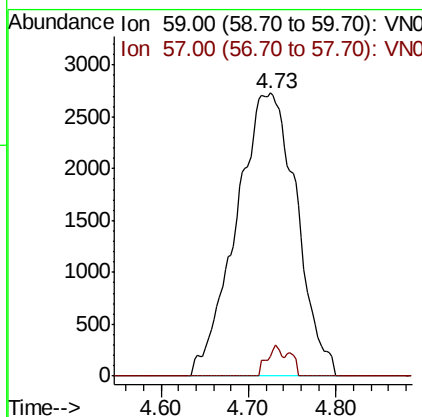
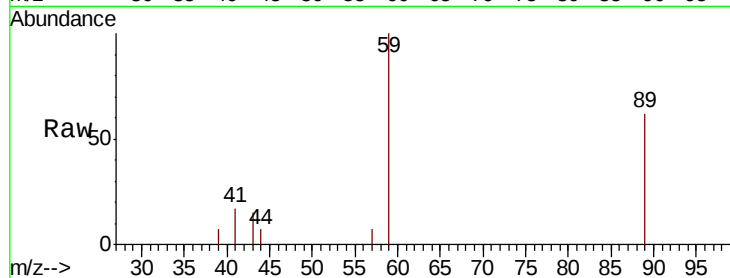


#11

Tert butyl alcohol
 Concen: 47.220 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

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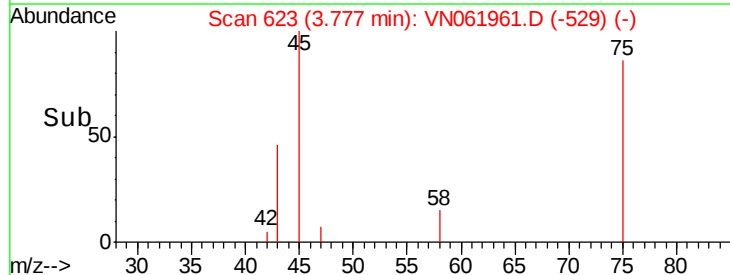
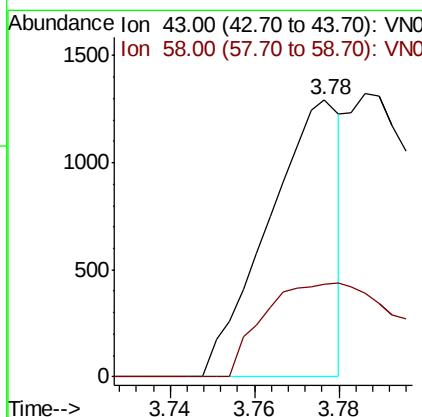
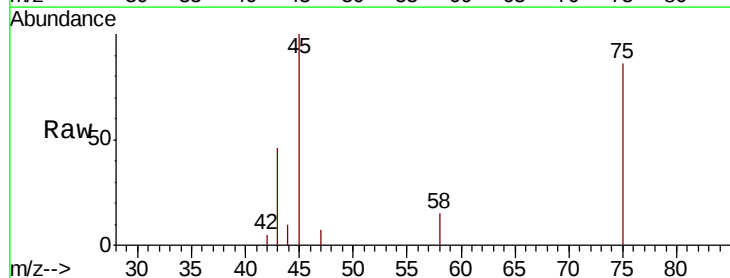
Tot Ion: 59 Resp: 13064
 Ion Ratio Lower Upper
 59 100
 57 2.7 7.7 11.5#

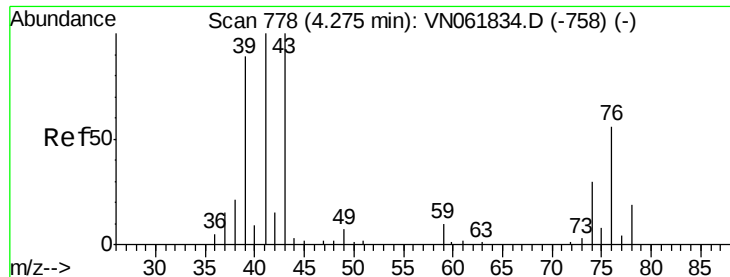


#16

Acetone
 Concen: 2.592 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

Tgt Ion: 43 Resp: 1531
 Ion Ratio Lower Upper
 43 100
 58 33.5 27.8 41.8

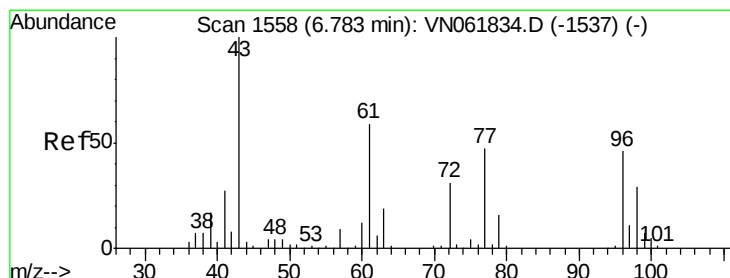
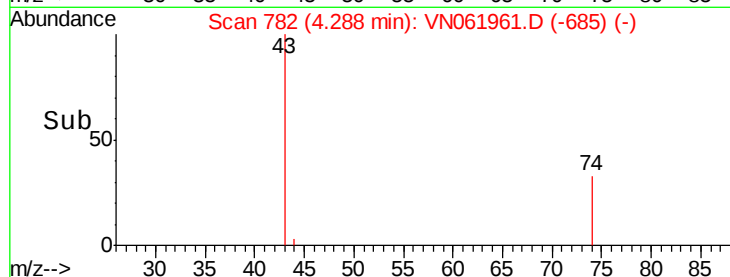
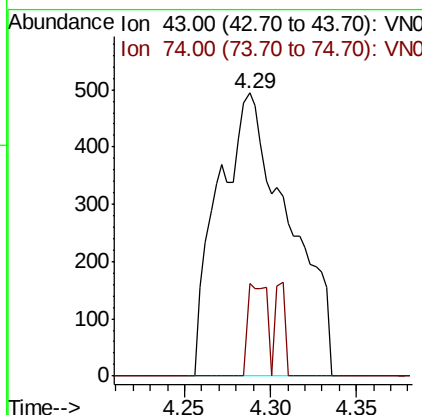
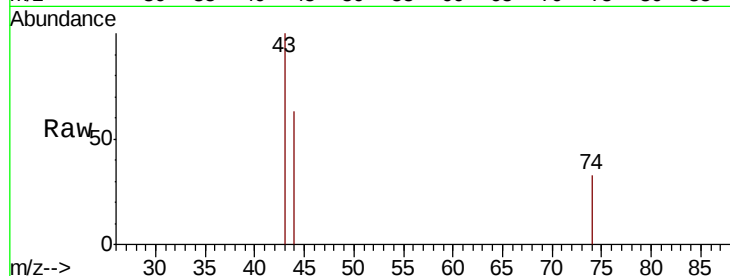




#18
Methvl Acetate
Concen: 0.832 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

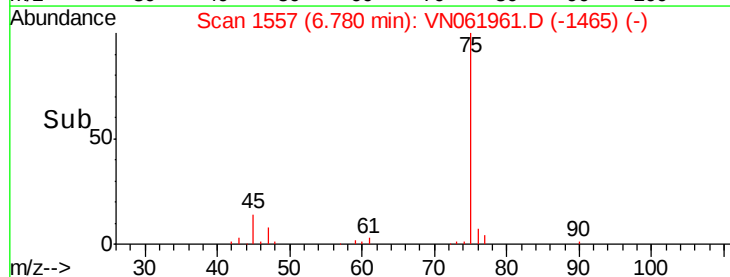
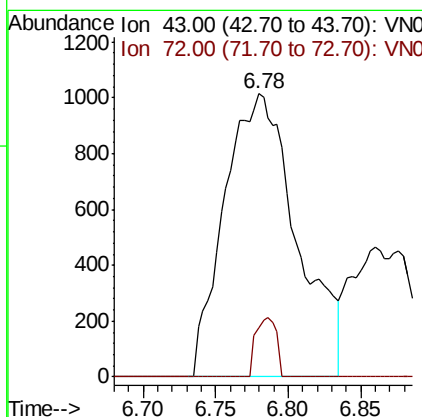
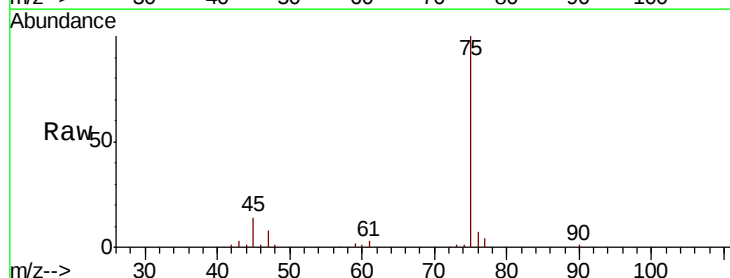
Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

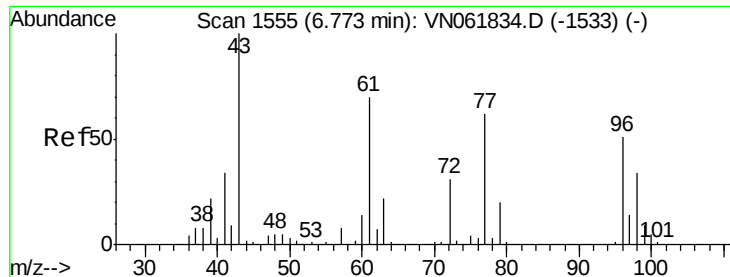
Tot Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
74 8.5 23.0 34.4#



#25
2-Butanone
Concen: 4.095 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
72 17.5 24.6 37.0#





#26

2,2-Dichloropropane

Concen: 1.915 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

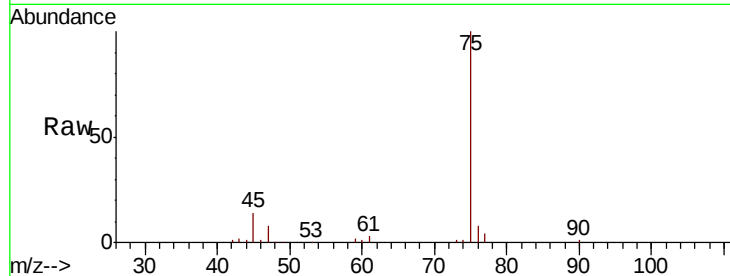
SS043MW011-200615

Tot Ion: 77 Resp: 4849

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VN061834.D (-1533) (-)

Ion 96.90 (96.60 to 97.60): VN061834.D (-1533) (-)

6.77

1500

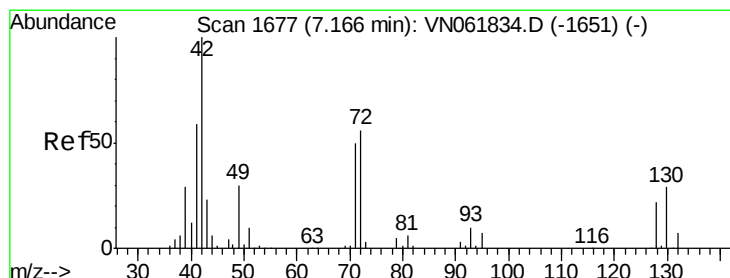
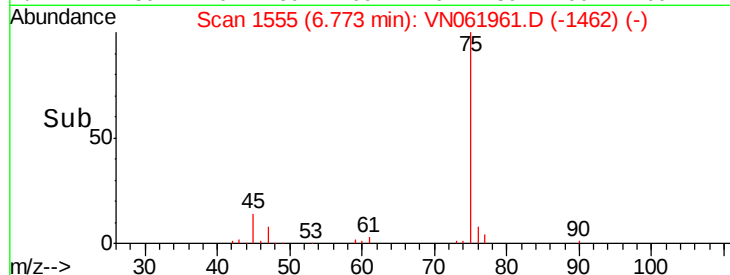
1000

500

0

6.70 6.75 6.80 6.85

Time-->



#29

Tetrahydrofuran

Concen: 12.424 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

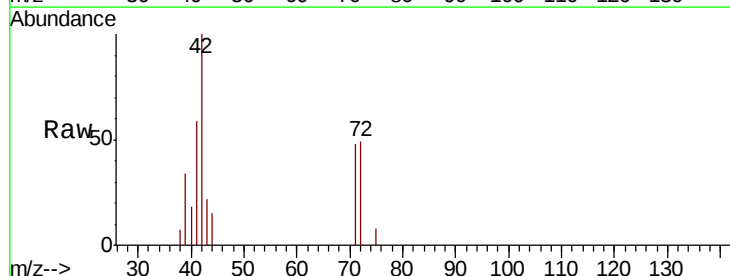
Tgt Ion: 42 Resp: 7045

Ion Ratio Lower Upper

42 100

72 46.6 44.0 66.0

71 45.9 40.0 60.0



Abundance Ion 42.00 (41.70 to 42.70): VN061834.D (-1651) (-)

Ion 72.00 (71.70 to 72.70): VN061834.D (-1651) (-)

Ion 71.00 (70.70 to 71.70): VN061834.D (-1651) (-)

7.17

3000

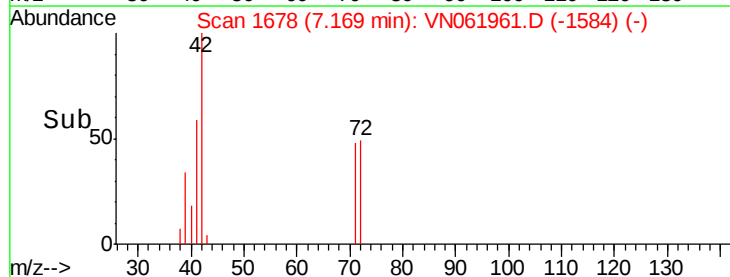
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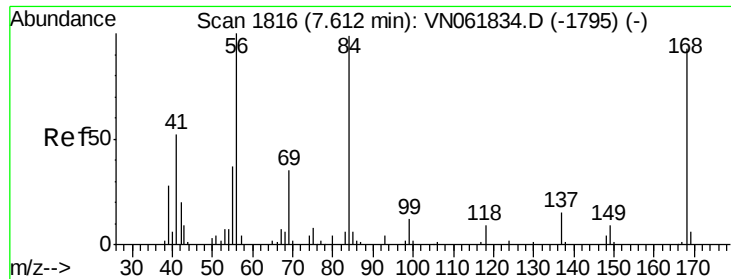
1000

0

7.10 7.15 7.20 7.25

Time-->

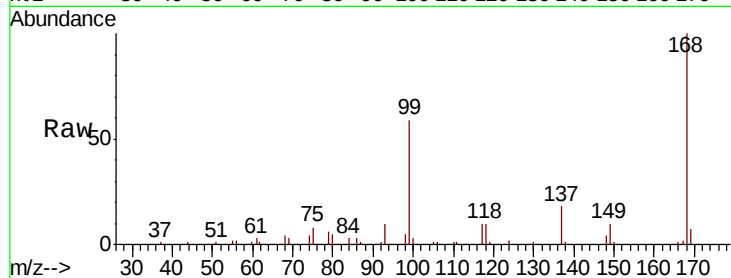




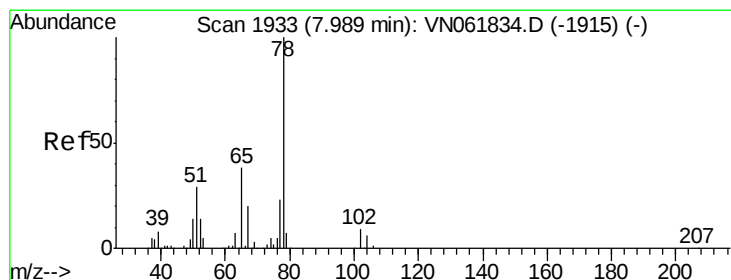
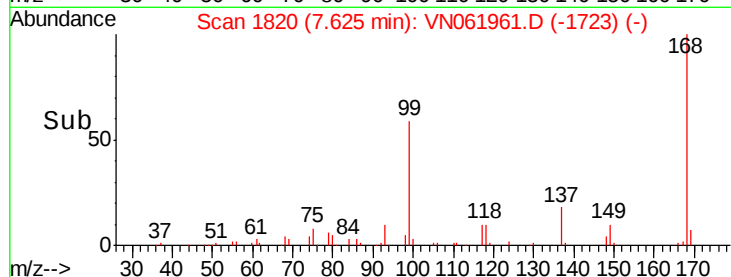
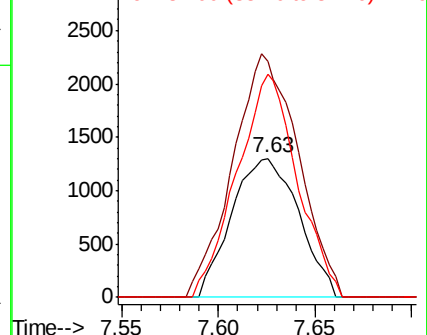
#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

Tot Ion: 56 Resp: 3128
Ion Ratio Lower Upper
56 100
69 169.9 27.7 41.5#
84 161.1 79.1 118.7#

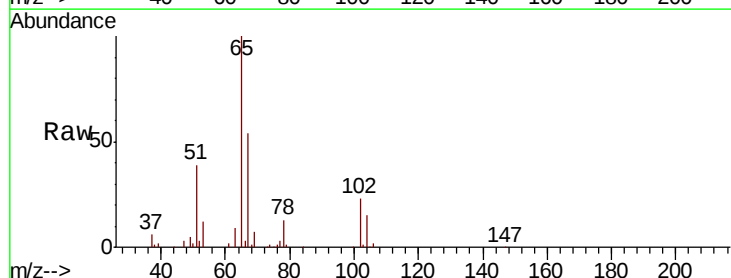


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

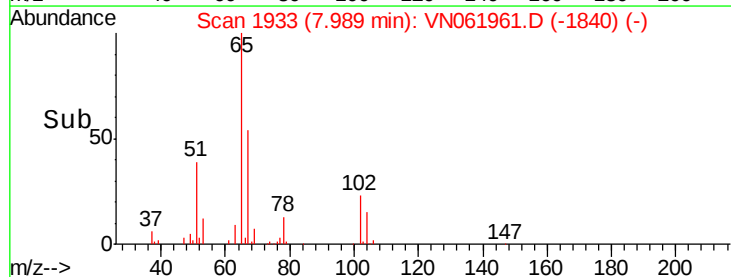
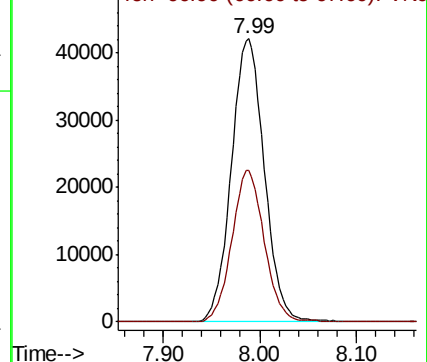


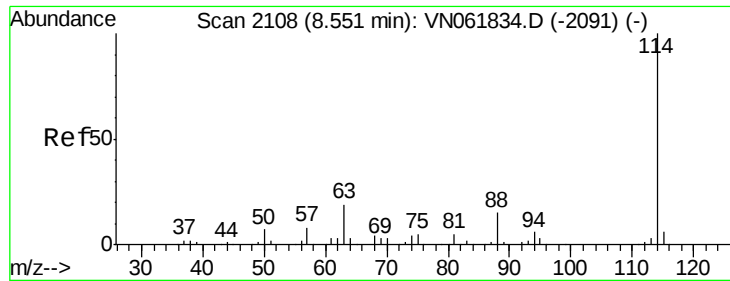
#33
1,2-Dichloroethane-d4
Concen: 49.774 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion: 65 Resp: 99513
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

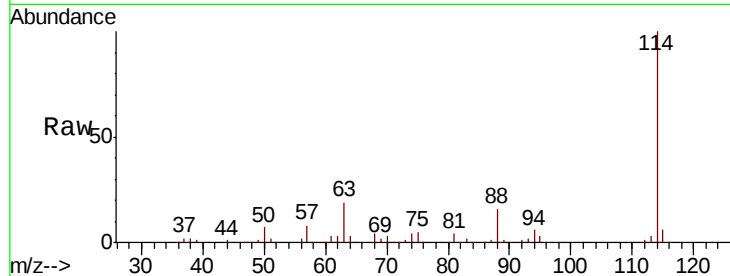




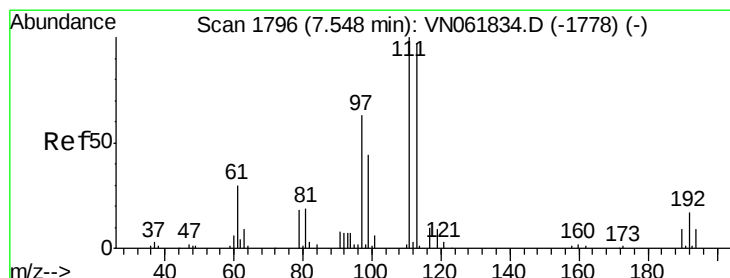
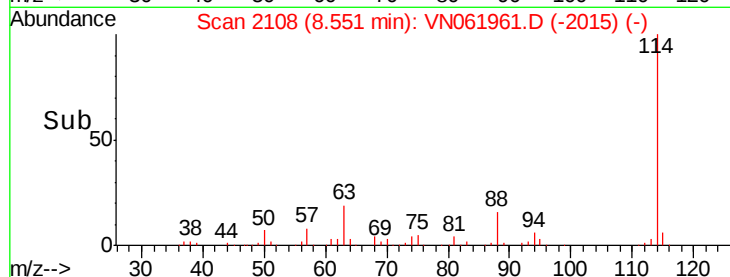
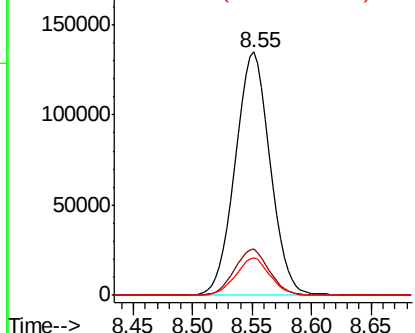
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

Tot Ion:114 Resp: 274874
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.6
88 15.5 0.0 31.0

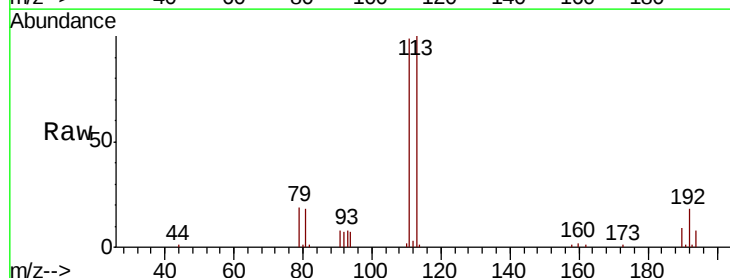


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

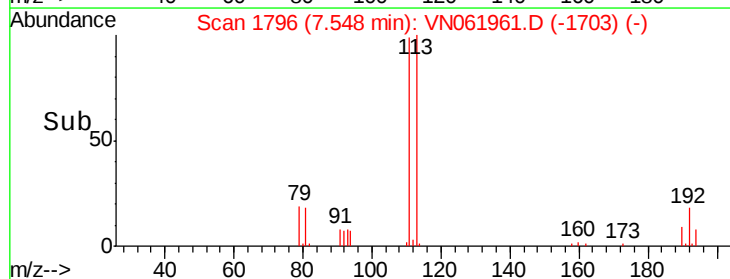
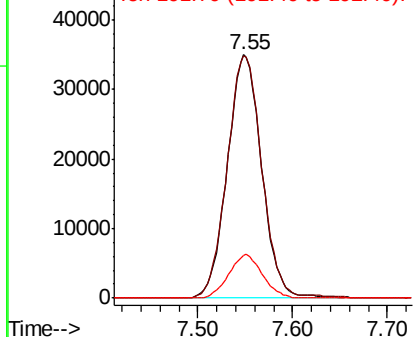


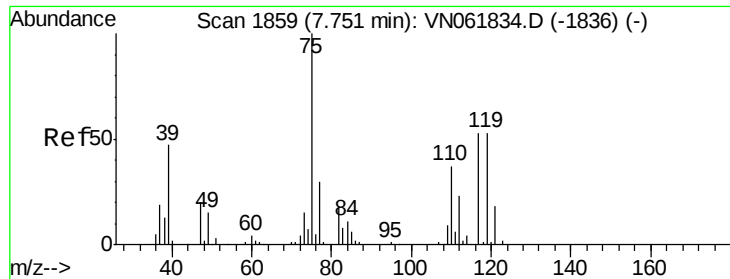
#35
Dibromofluoromethane
Concen: 50.031 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion:113 Resp: 87980
Ion Ratio Lower Upper
113 100
111 100.4 83.7 125.5
192 17.4 13.9 20.9



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

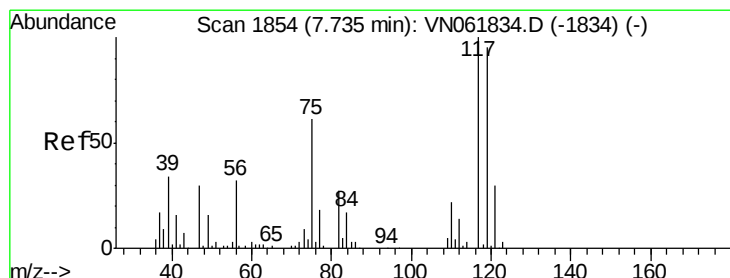
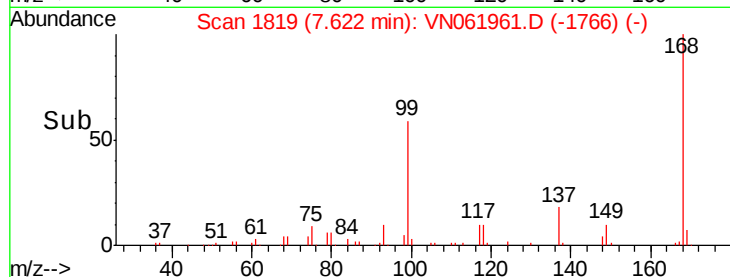
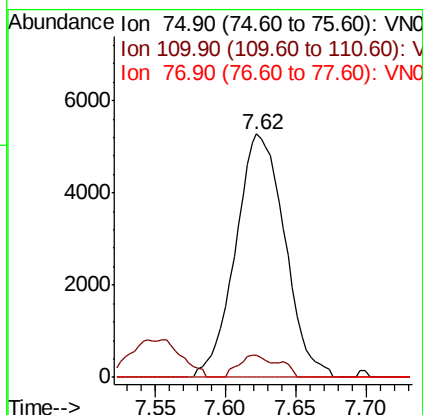
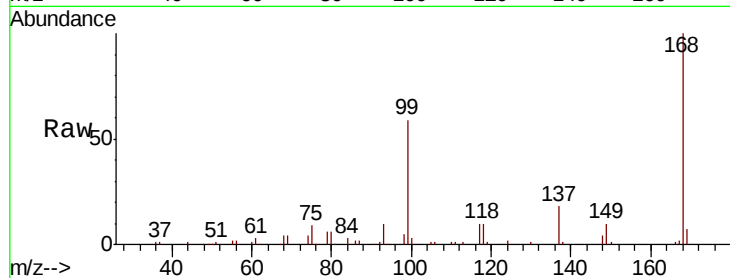




#36
 1,1-Dichloropropene
 Concen: 5.127 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

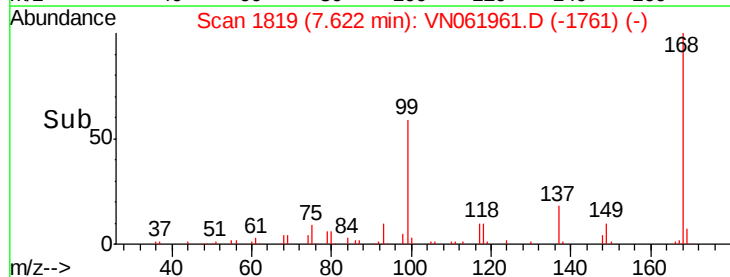
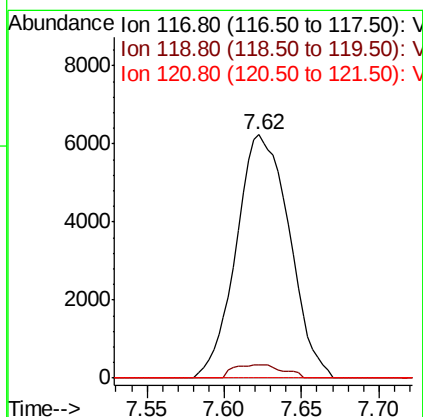
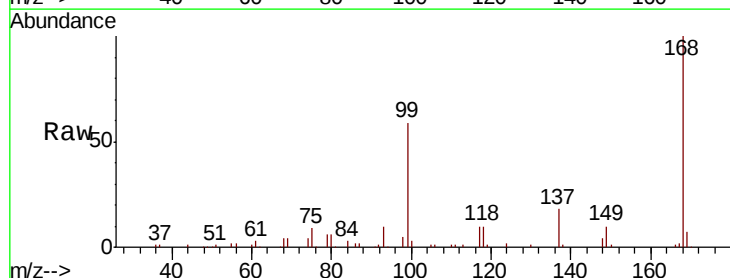
Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW011-200615

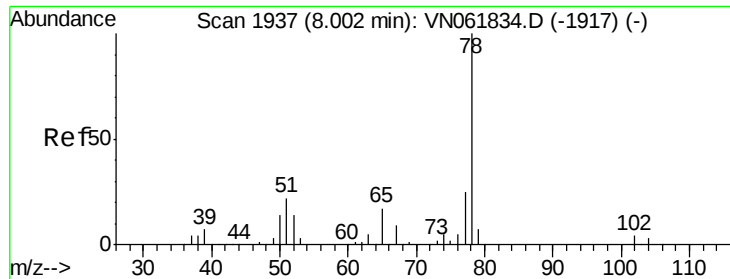
Tot Ion	75	110	77	Resp	Lower	Upper
75	100			12855		
110	5.7	18.2		54.6#		
77	0.0	24.2		36.4#		



#38
 Carbon Tetrachloride
 Concen: 5.993 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

Tgt Ion	117	119	121	Resp	Lower	Upper
117	100			14880		
119	5.5	75.8		113.6#		
121	0.0	23.8		35.6#		





#40

Benzene

Concen: 2.700 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

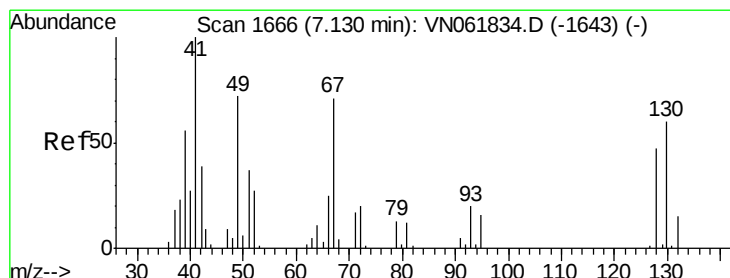
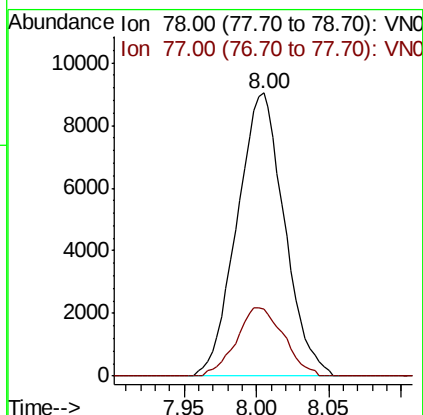
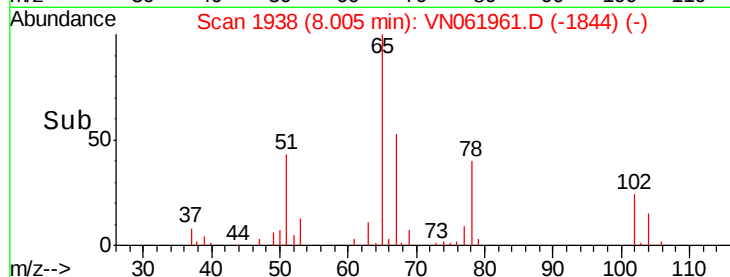
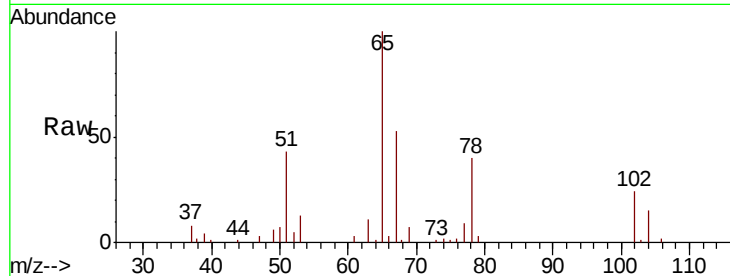
SS043MW011-200615

Tot Ion: 78 Resp: 20509

Ion Ratio Lower Upper

78 100

77 23.6 19.7 29.5



#41

Methacrylonitrile

Concen: 4.666 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.04 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Tgt Ion: 41 Resp: 3906

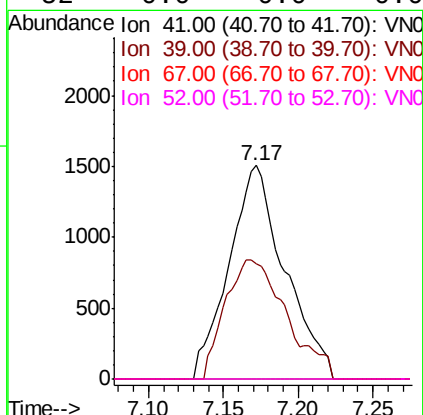
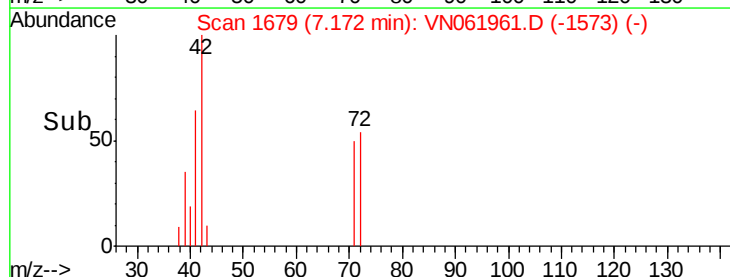
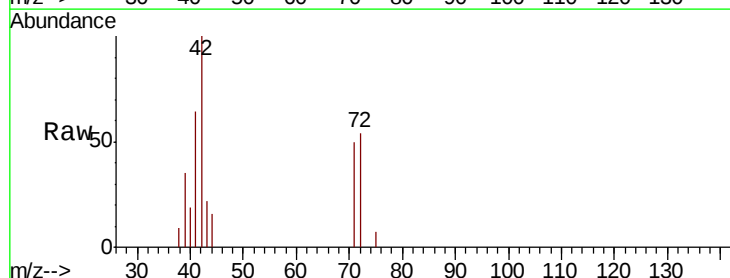
Ion Ratio Lower Upper

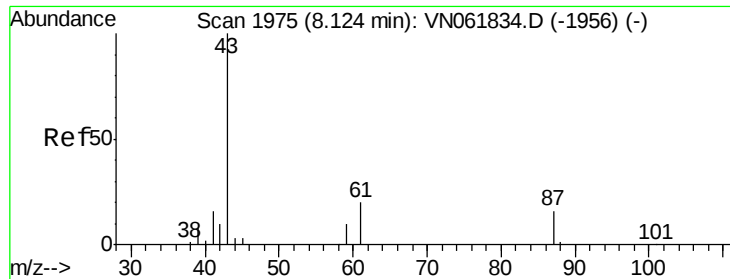
41 100

39 61.5 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 0.230 ug/l

RT: 8.10 min Scan# 1967

Delta R.T. -0.03 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

SS043MW011-200615

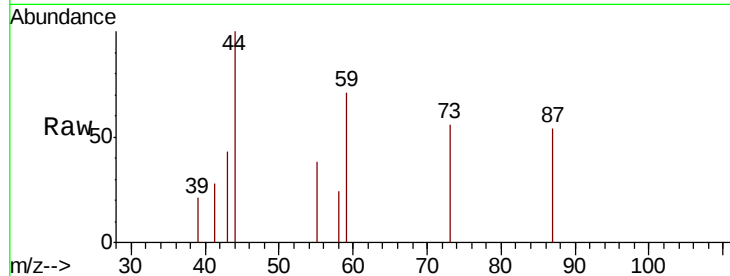
Tot Ion: 43 Resp: 759

Ion Ratio Lower Upper

43 100

61 0.0 24.0 36.0#

87 112.8 12.5 18.7#

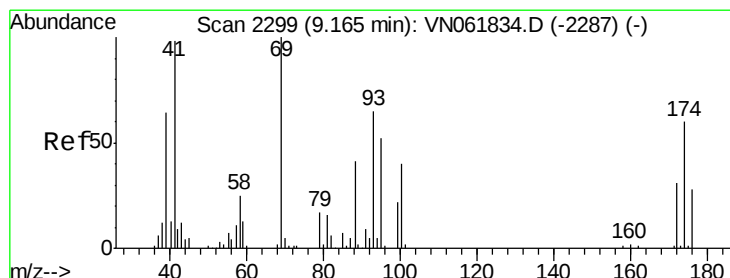
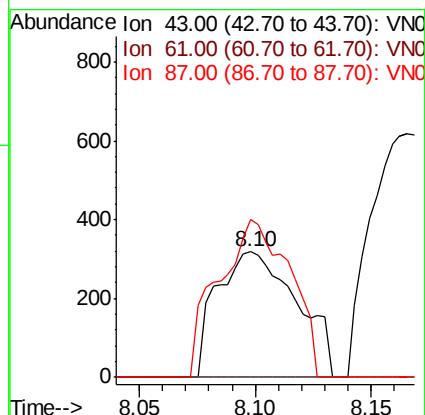
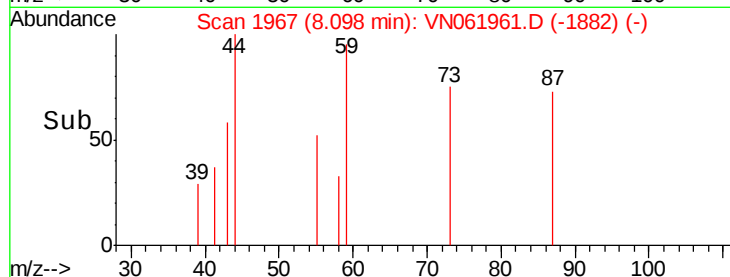


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)

Time-->



#48

Methyl methacrylate

Concen: 0.370 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

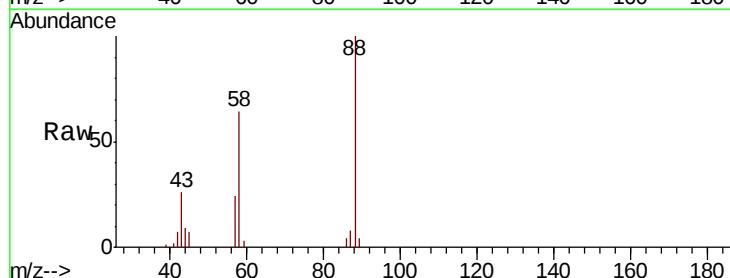
Tgt Ion: 41 Resp: 555

Ion Ratio Lower Upper

41 100

69 0.0 83.0 124.4#

39 18.0 55.1 82.7#

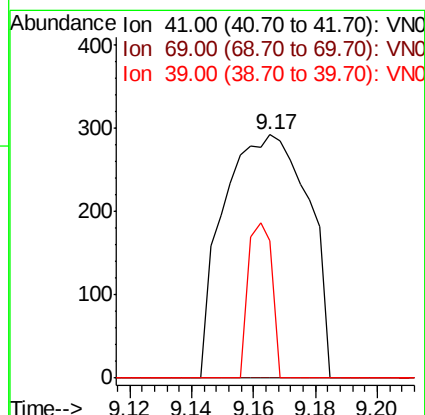
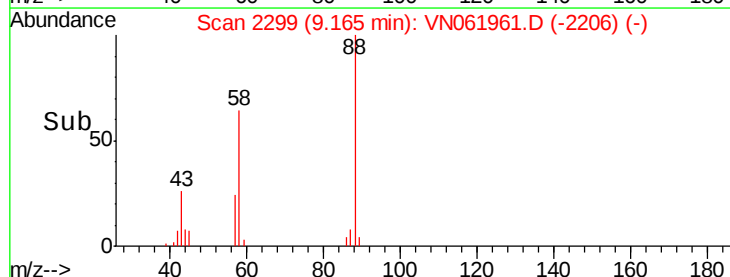


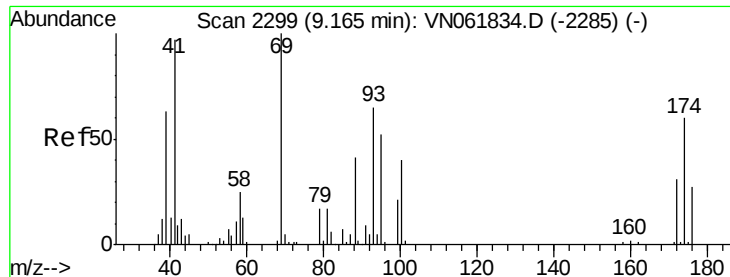
Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2287) (-)

Time-->





#49

1,4-Dioxane

Concen: 775.266 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

SS043MW011-200615

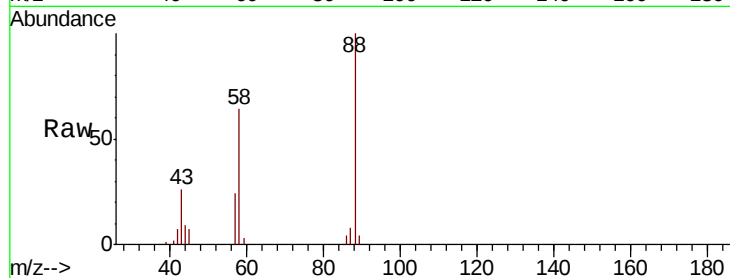
Tot Ion: 88 Resp: 26707

Ion Ratio Lower Upper

88 100

43 25.0 23.4 35.2

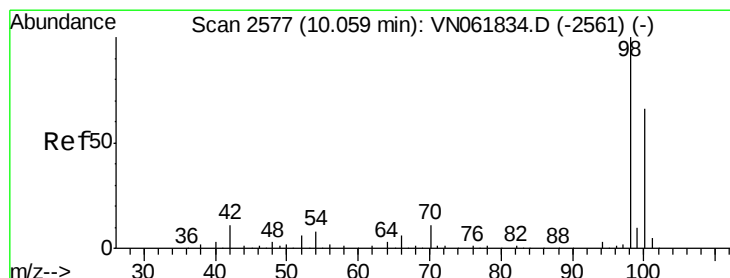
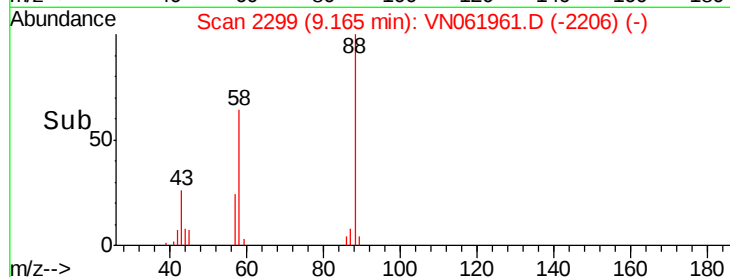
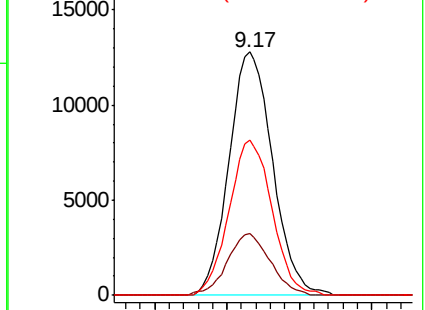
58 62.9 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061961.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN061961.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061961.D (-2206) (-)



#50

Toluene-d8

Concen: 49.505 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061961.D

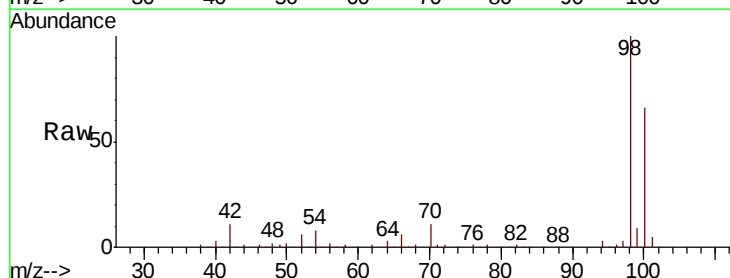
Acq: 19 Jun 2020 18:47

Tgt Ion: 98 Resp: 342250

Ion Ratio Lower Upper

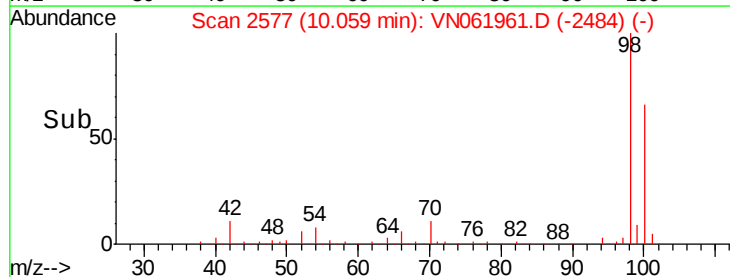
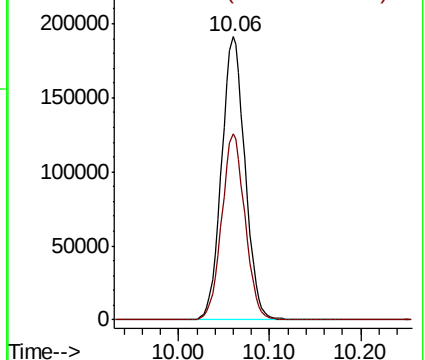
98 100

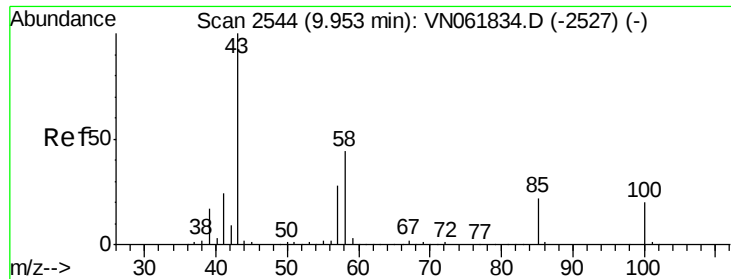
100 65.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061961.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061961.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.719 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

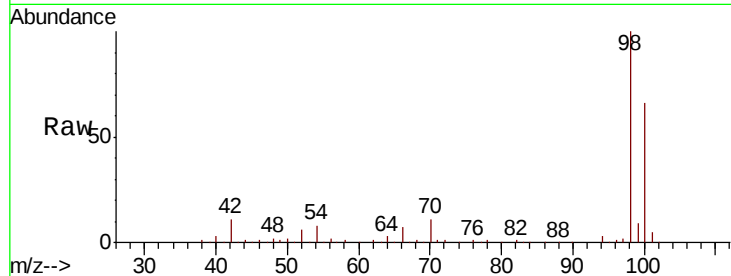
SS043MW011-200615

Tot Ion: 43 Resp: 1402

Ion Ratio Lower Upper

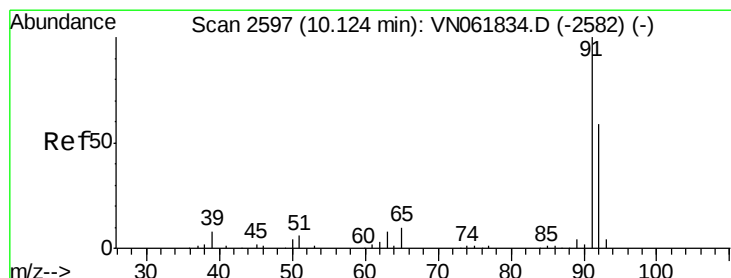
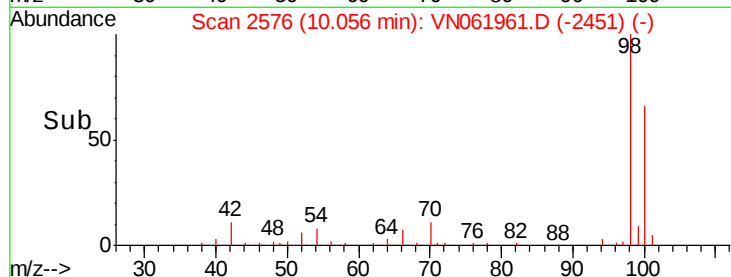
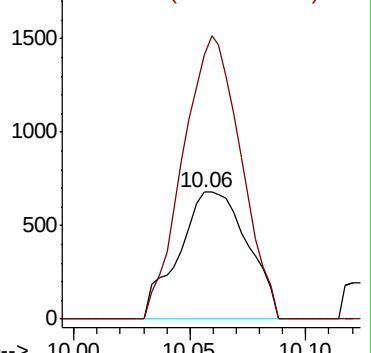
43 100

58 187.9 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)



#52

Toluene

Concen: 3.516 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061961.D

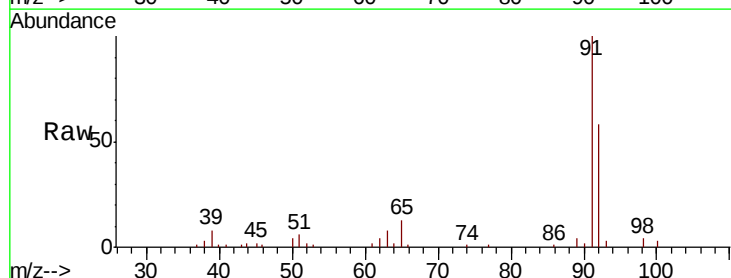
Acq: 19 Jun 2020 18:47

Tgt Ion: 92 Resp: 16772

Ion Ratio Lower Upper

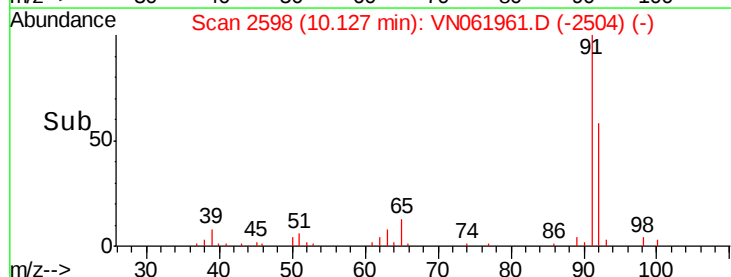
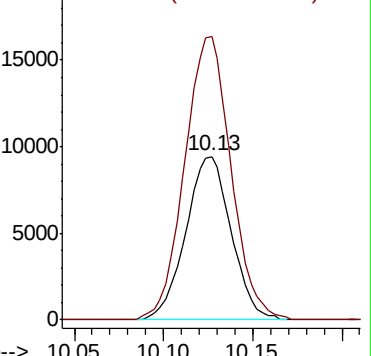
92 100

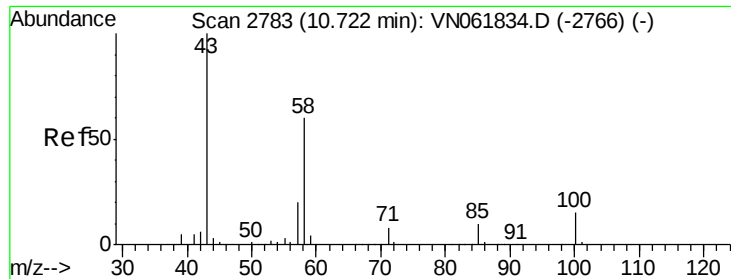
91 176.7 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

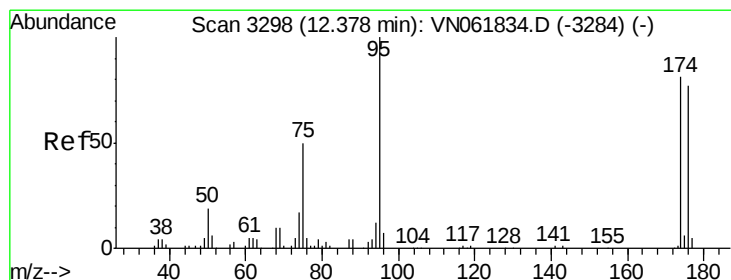
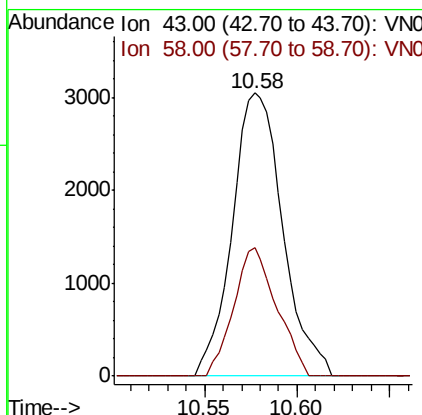
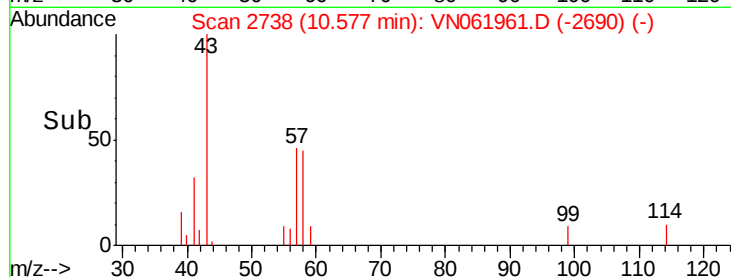
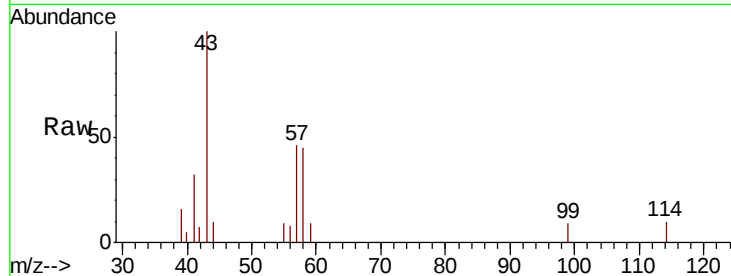




#59
2-Hexanone
Concen: 16.907 ug/l
RT: 10.58 min Scan# 2738
Delta R.T. -0.14 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

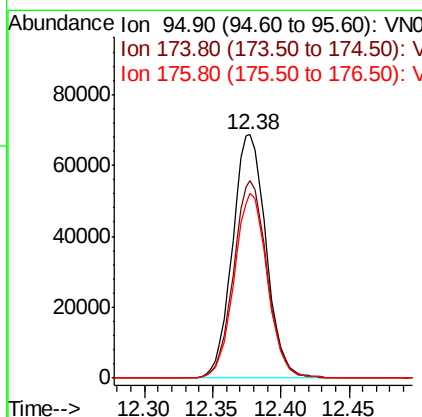
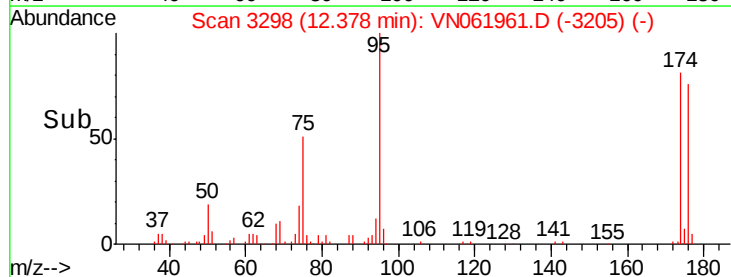
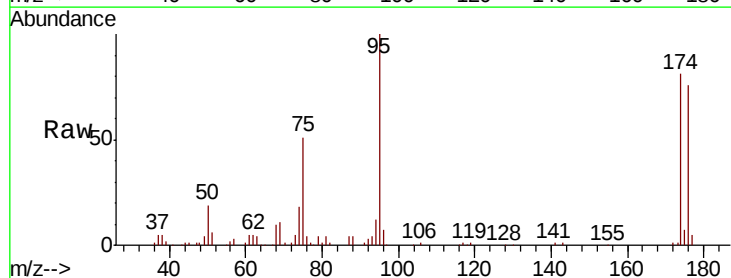
Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

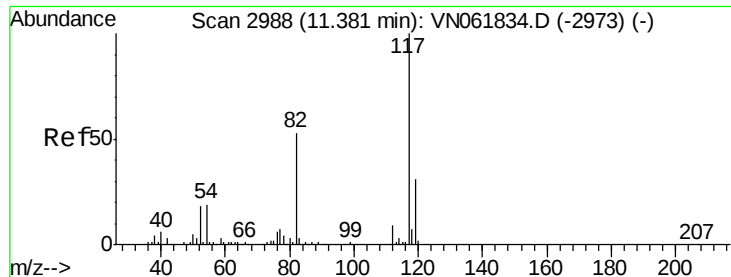
Tot Ion: 43 Resp: 5762
Ion Ratio Lower Upper
43 100
58 38.5 30.1 90.5



#62
4-Bromofluorobenzene
Concen: 49.579 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion: 95 Resp: 117571
Ion Ratio Lower Upper
95 100
174 80.2 0.0 158.6
176 75.0 0.0 152.0

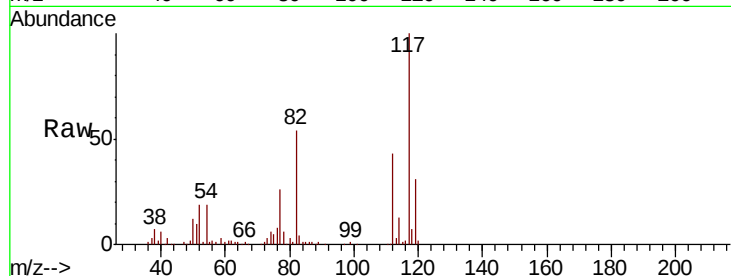




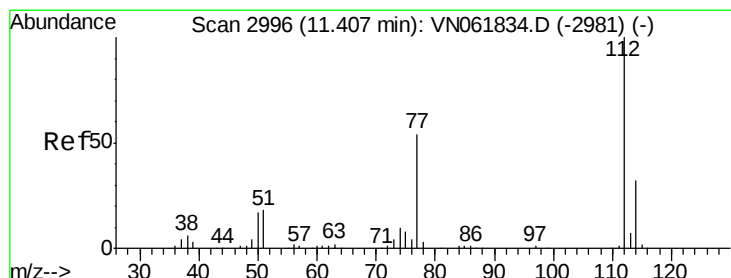
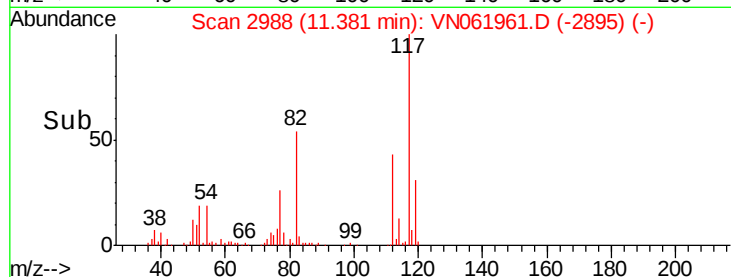
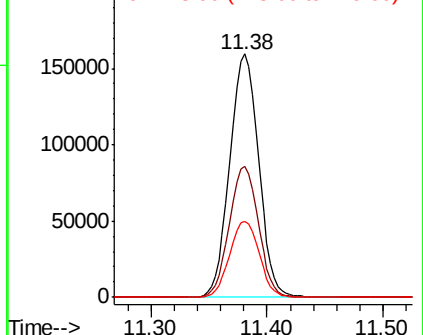
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

Tot Ion:117 Resp: 275018
Ion Ratio Lower Upper
117 100
82 53.9 42.6 64.0
119 31.4 24.7 37.1

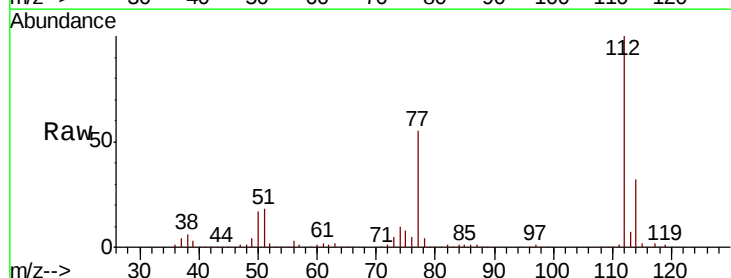


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

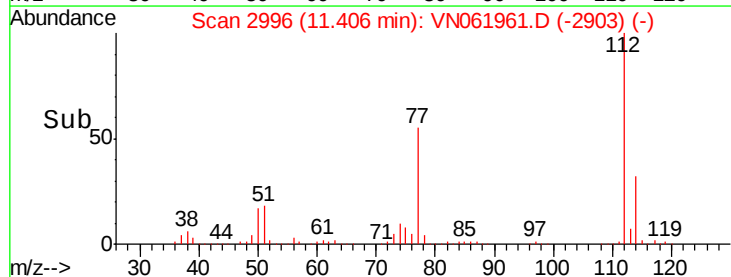
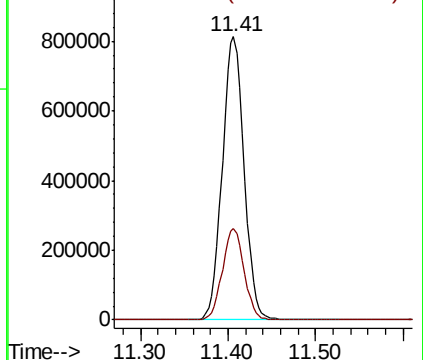


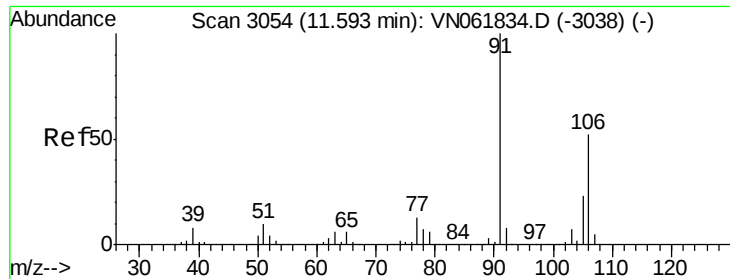
#65
Chlorobenzene
Concen: 241.413 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion:112 Resp: 1400945
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

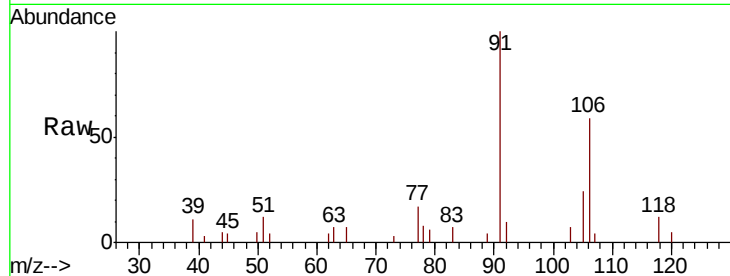




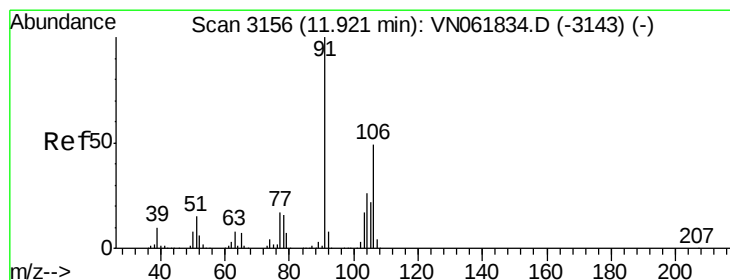
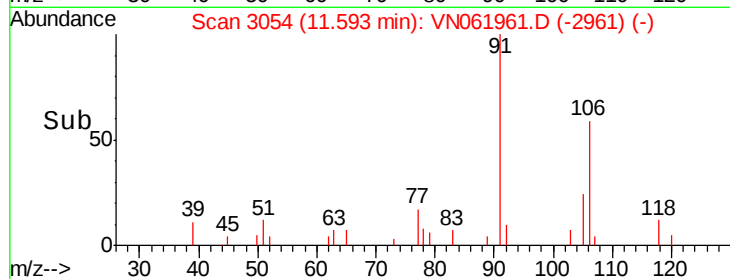
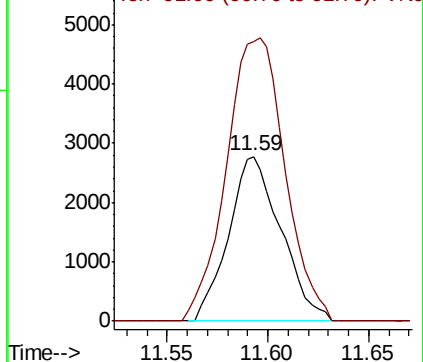
#68
m/p-Xylenes
Concen: 1.342 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

Tot Ion:106 Resp: 5035
Ion Ratio Lower Upper
106 100
91 192.7 157.0 235.6

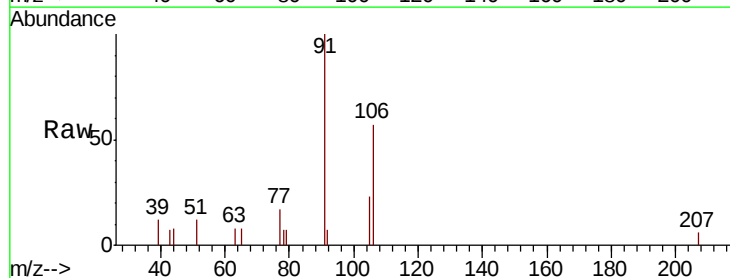


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

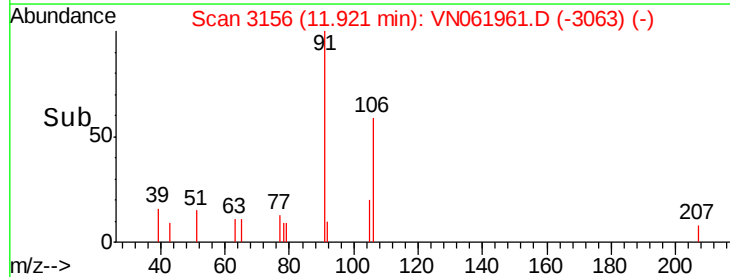
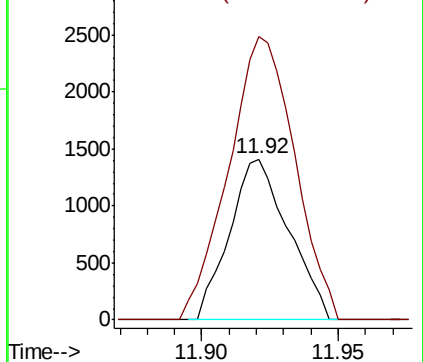


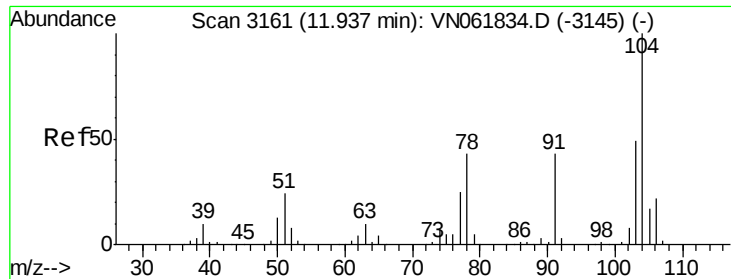
#69
o-Xylene
Concen: 0.590 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion:106 Resp: 2112
Ion Ratio Lower Upper
106 100
91 197.6 103.0 308.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

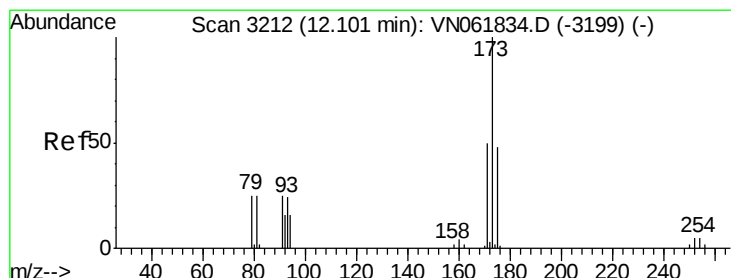
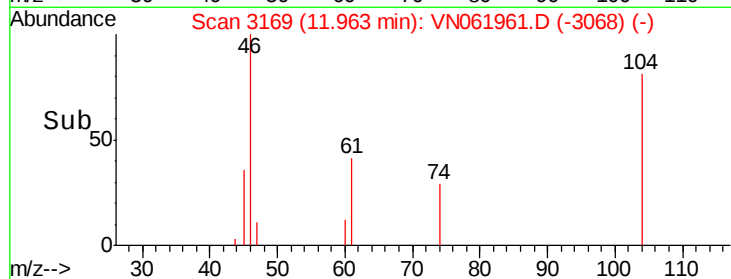
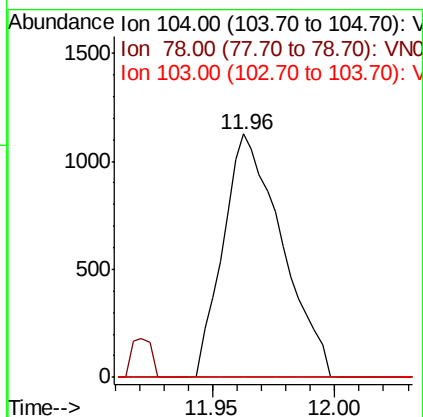
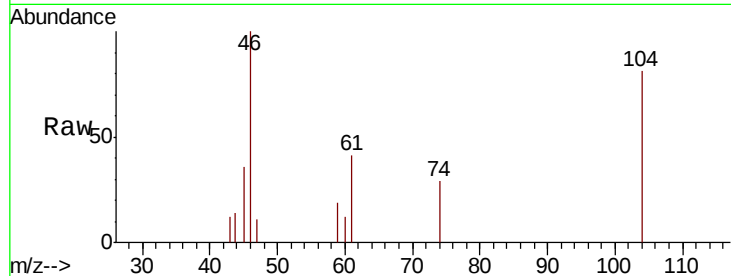




#70
Stvrene
Concen: 0.314 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.03 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

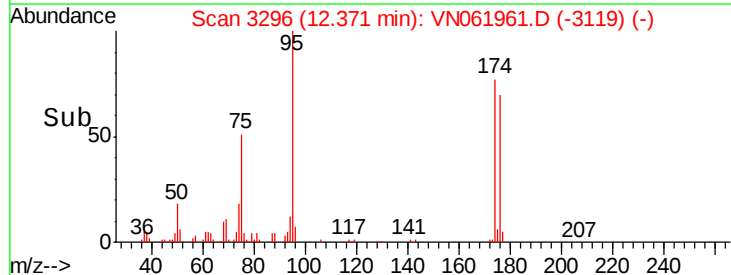
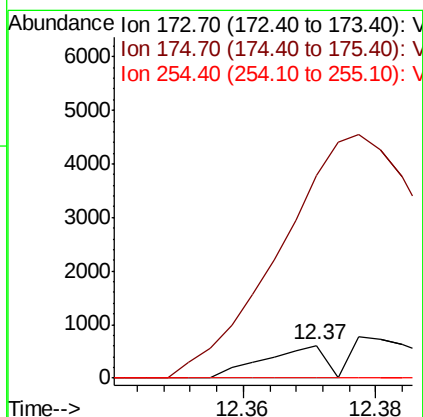
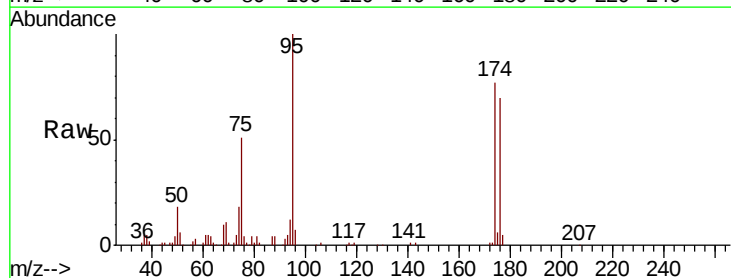
Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

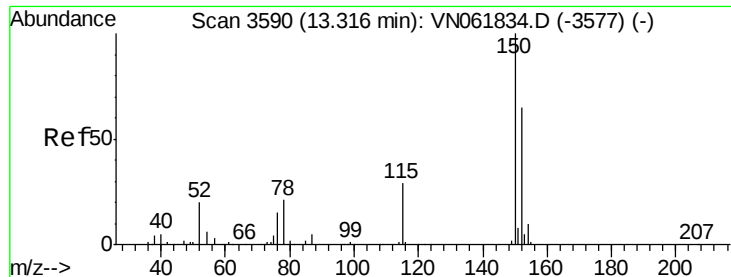
Tot Ion:104 Resp: 1882
Ion Ratio Lower Upper
104 100
78 0.0 37.6 56.4#
103 0.0 43.0 64.4#



#71
Bromoform
Concen: 0.261 ug/l
RT: 12.37 min Scan# 3296
Delta R.T. 0.27 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion:173 Resp: 385
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.7#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

SS043MW011-200615

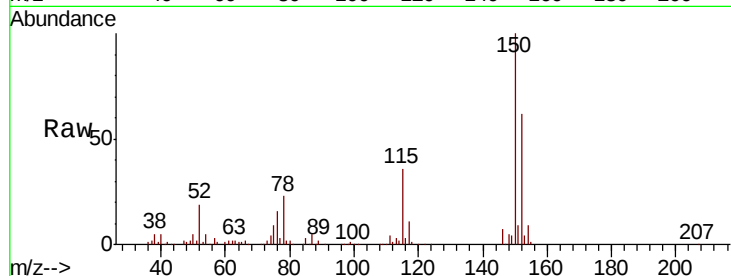
Tot Ion:152 Resp: 108224

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.3

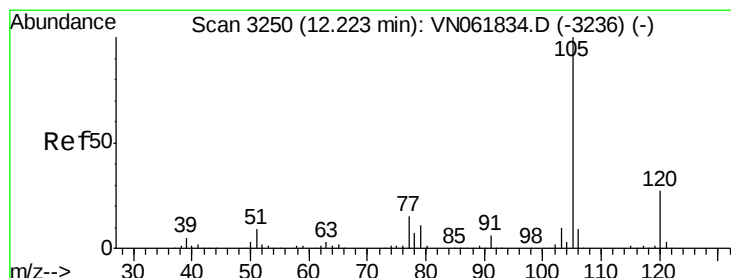
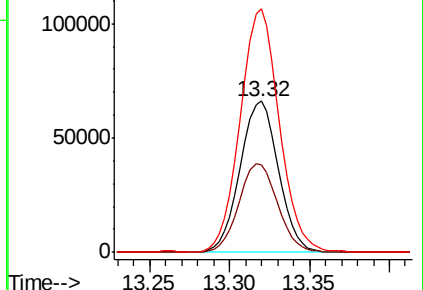
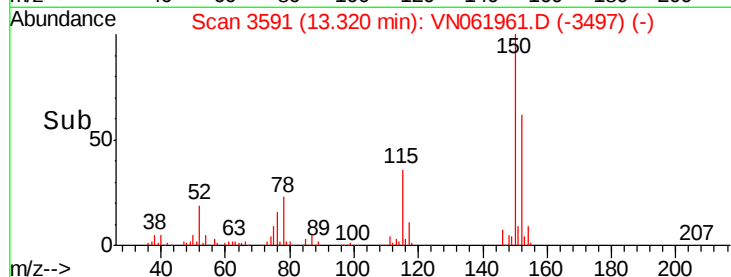
150 164.8 0.0 347.6



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: 0.508 ug/l

RT: 12.23 min Scan# 3252

Delta R.T. 0.01 min

Lab File: VN061961.D

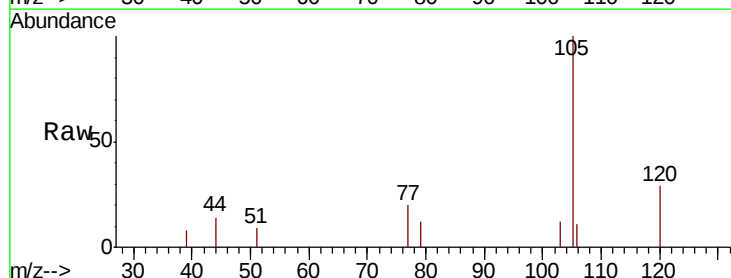
Acq: 19 Jun 2020 18:47

Tgt Ion:105 Resp: 3906

Ion Ratio Lower Upper

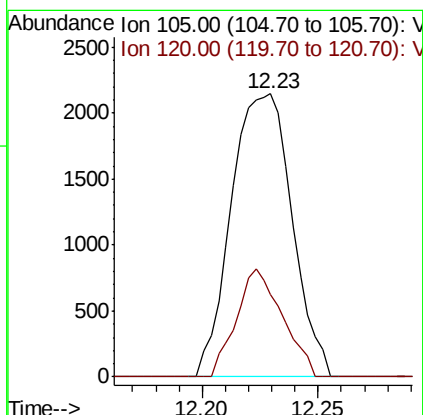
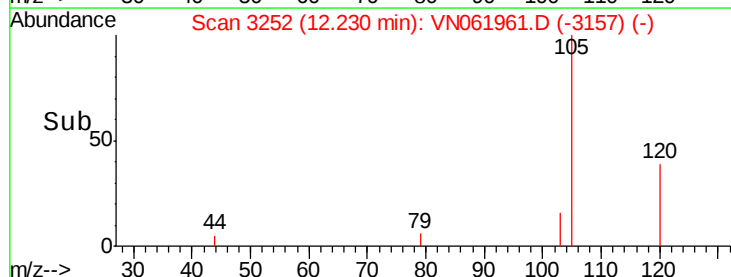
105 100

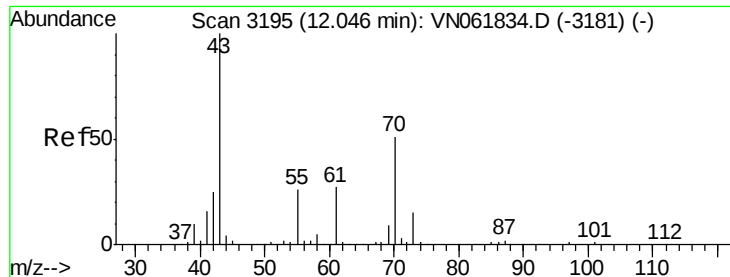
120 29.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.109 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. -0.08 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

SS043MW011-200615

Tot Ion: 43 Resp: 134

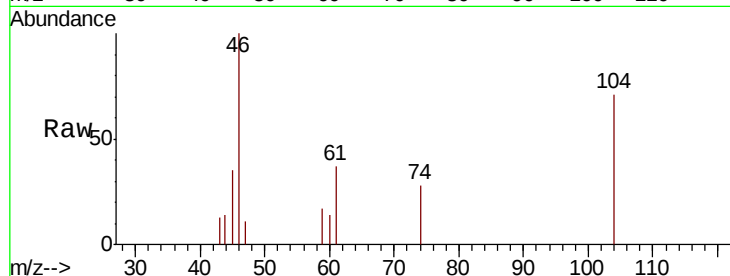
Ion Ratio Lower Upper

43 100

70 0.0 40.6 60.8#

55 0.0 21.5 32.3#

61 0.0 21.6 32.4#

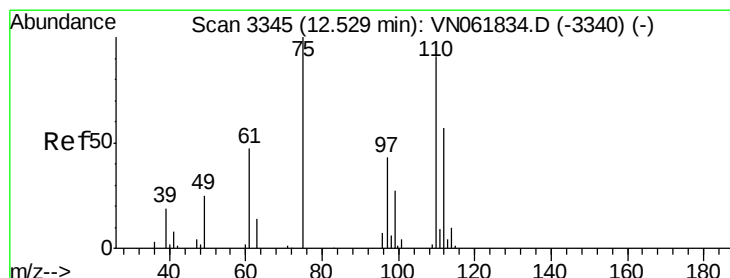
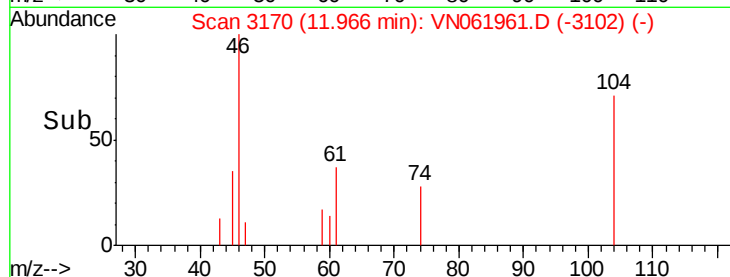
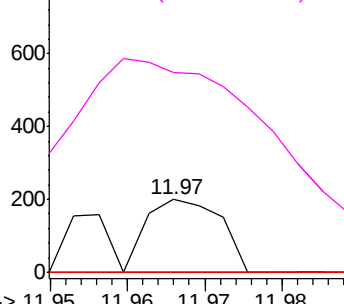


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 27.677 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061961.D

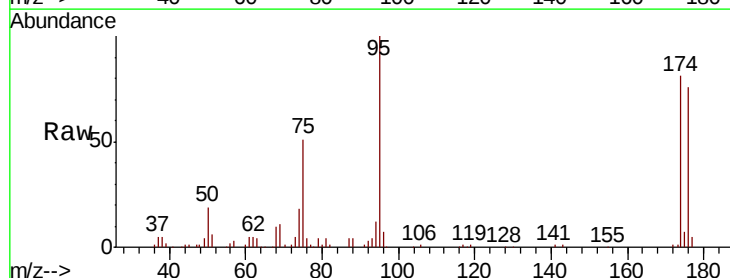
Acq: 19 Jun 2020 18:47

Tgt Ion: 75 Resp: 58806

Ion Ratio Lower Upper

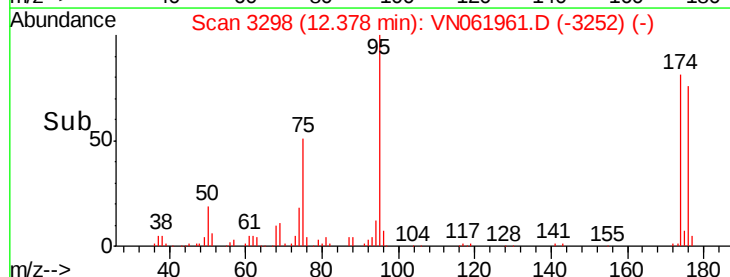
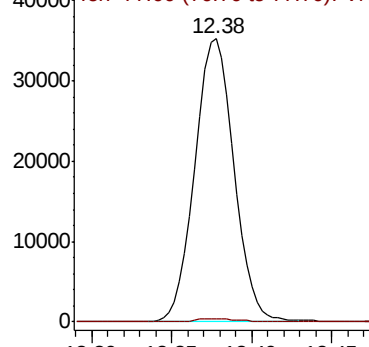
75 100

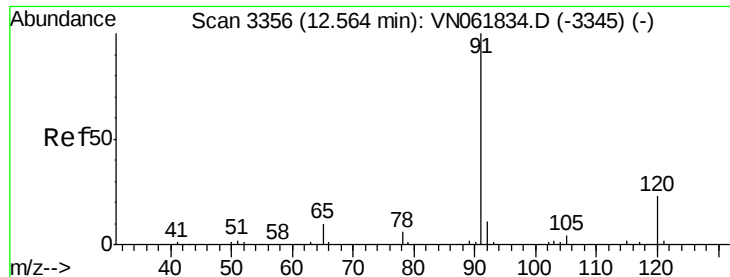
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.375 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

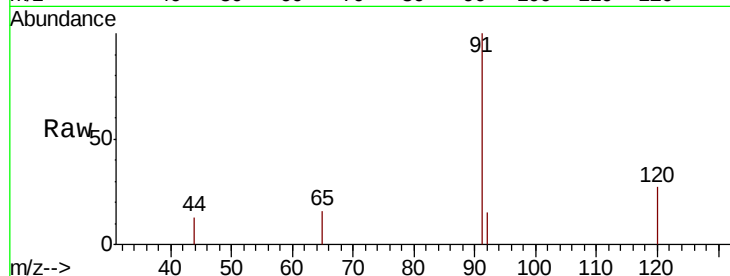
SS043MW011-200615

Tot Ion: 91 Resp: 3291

Ion Ratio Lower Upper

91 100

120 20.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN061834.D (-3345) (-)

12.57

2000

1500

1000

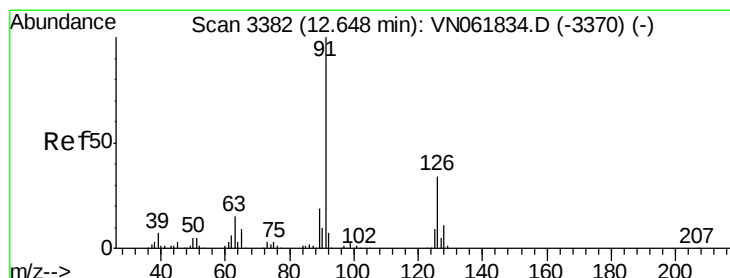
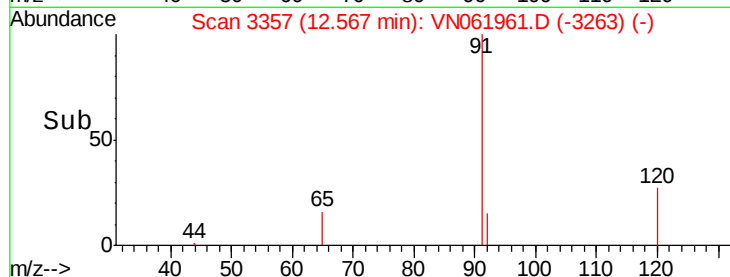
500

0

12.55

12.60

Time-->



#79

2-Chlorotoluene

Concen: 0.870 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN061961.D

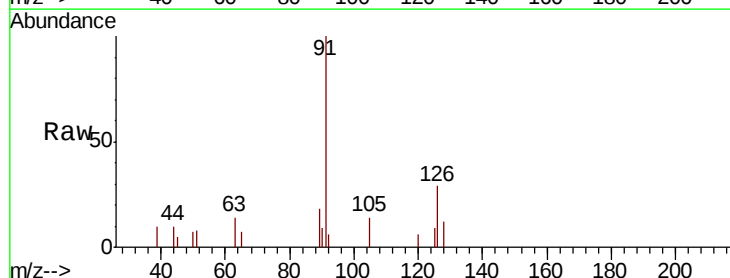
Acq: 19 Jun 2020 18:47

Tgt Ion: 91 Resp: 4586

Ion Ratio Lower Upper

91 100

126 30.5 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3370) (-)

12.65

3000

2500

2000

1500

1000

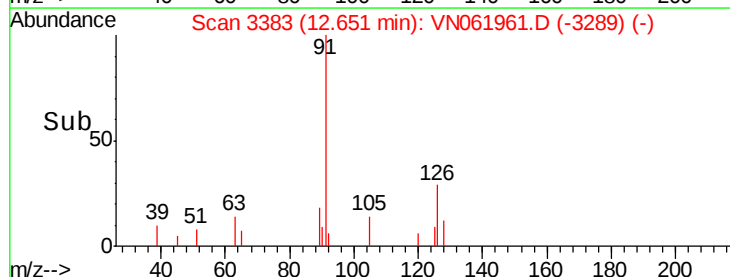
500

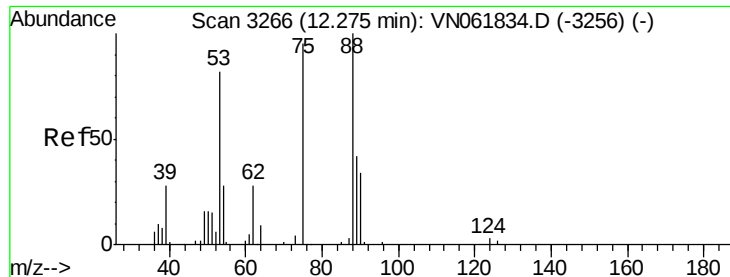
0

12.60

12.70

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 75.487 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

SS043MW011-200615

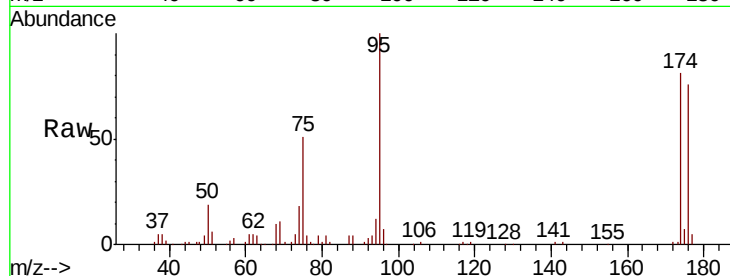
Tot Ion: 75 Resp: 58806

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

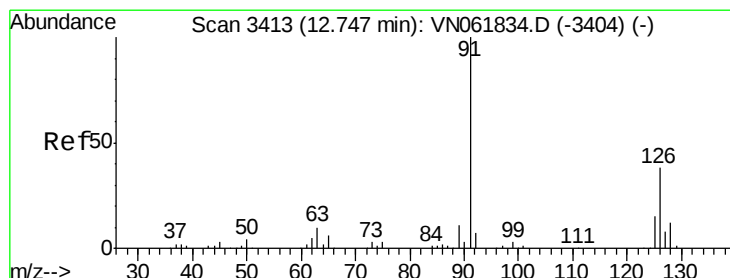
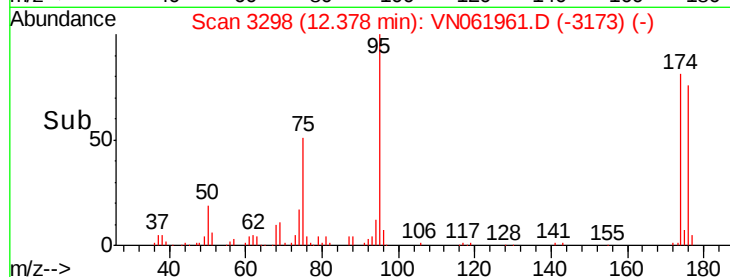
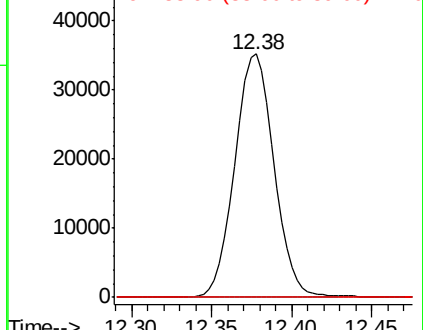
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.842 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.10 min

Lab File: VN061961.D

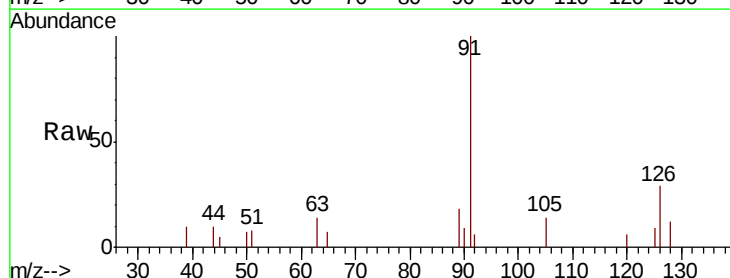
Acq: 19 Jun 2020 18:47

Tgt Ion: 91 Resp: 4586

Ion Ratio Lower Upper

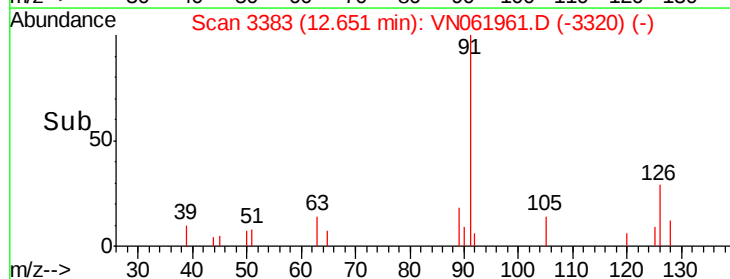
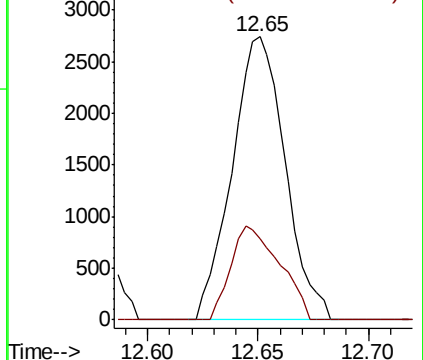
91 100

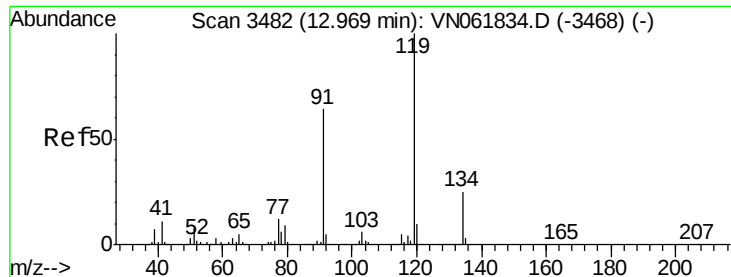
126 30.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.231 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN061961.D

Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

SS043MW011-200615

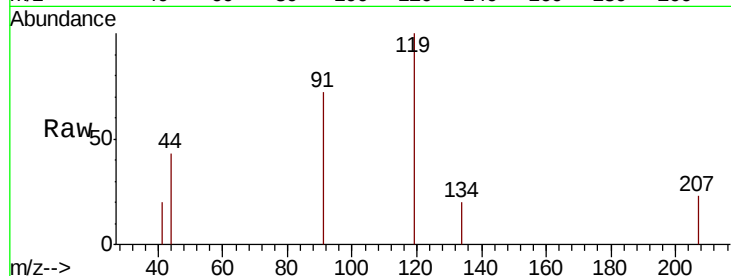
Tot Ion:119 Resp: 1244

Ion Ratio Lower Upper

119 100

91 59.4 31.5 94.5

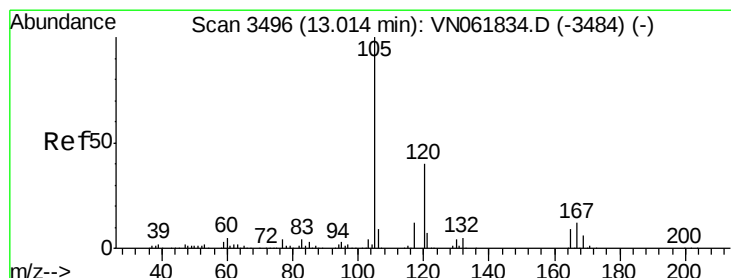
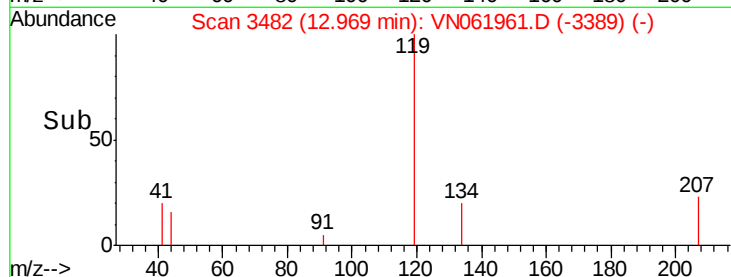
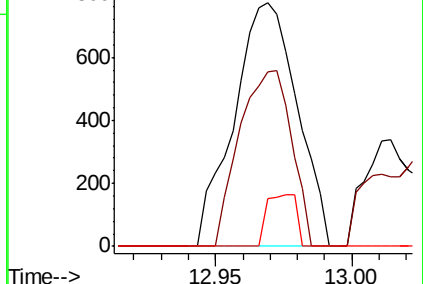
134 9.9 13.3 39.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.607 ug/l

RT: 13.02 min Scan# 3497

Delta R.T. 0.00 min

Lab File: VN061961.D

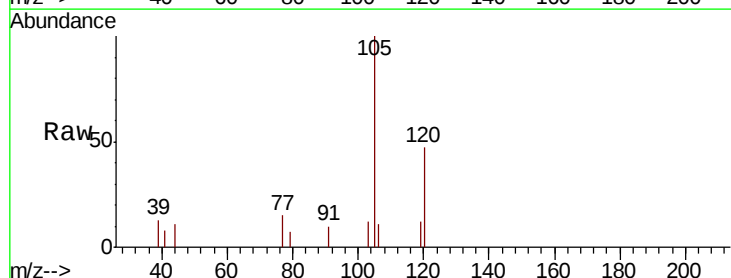
Acq: 19 Jun 2020 18:47

Tgt Ion:105 Resp: 3815

Ion Ratio Lower Upper

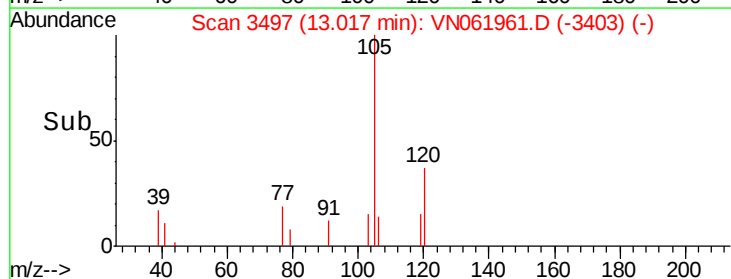
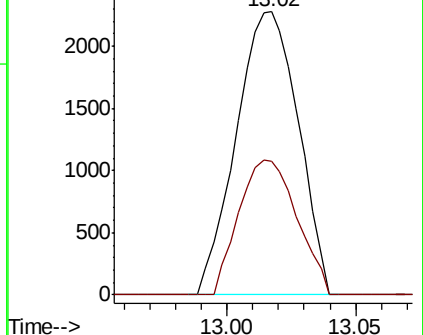
105 100

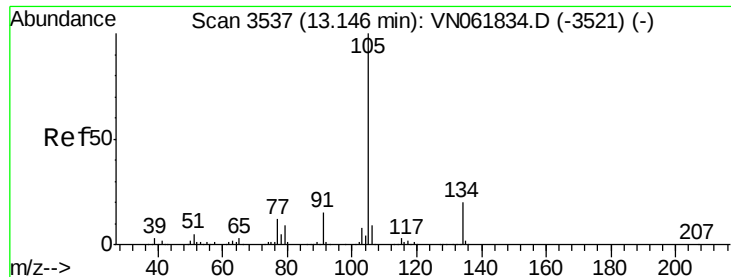
120 44.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

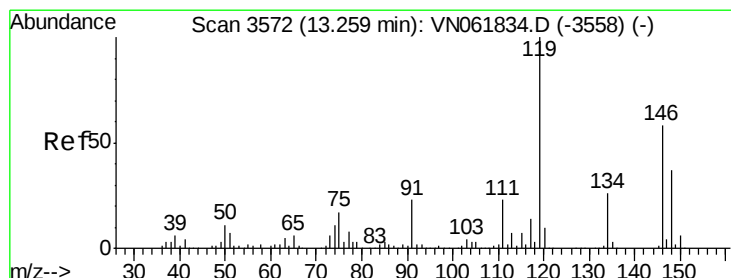
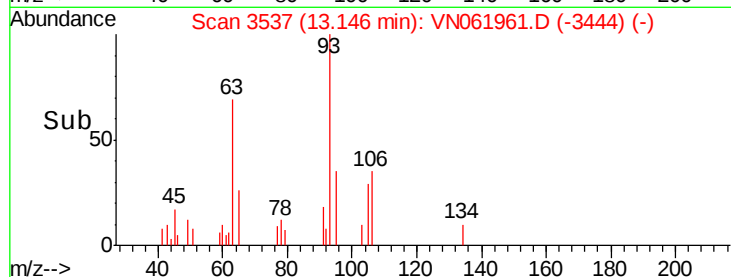
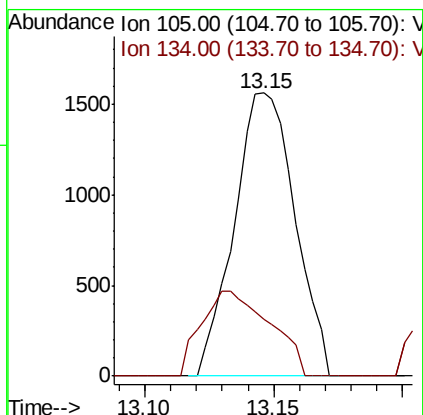
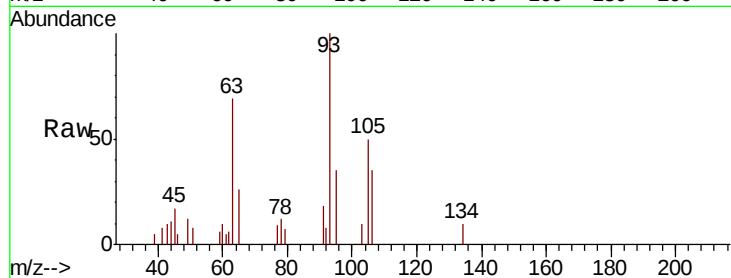




#85
 sec-Butylbenzene
 Concen: 0.363 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

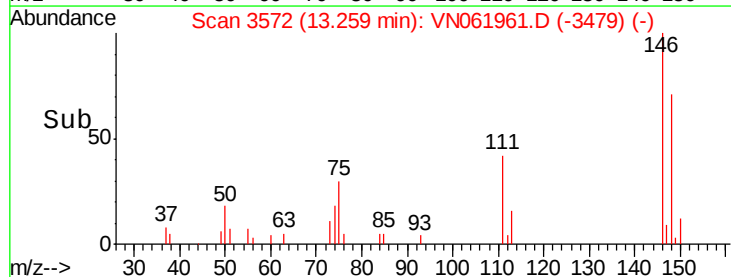
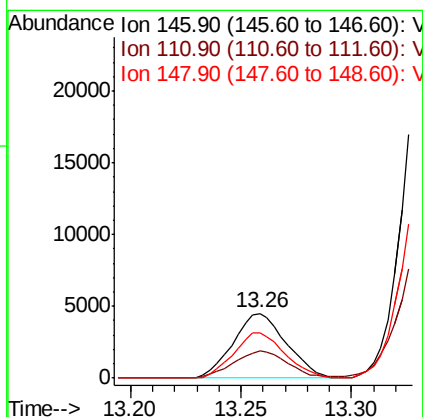
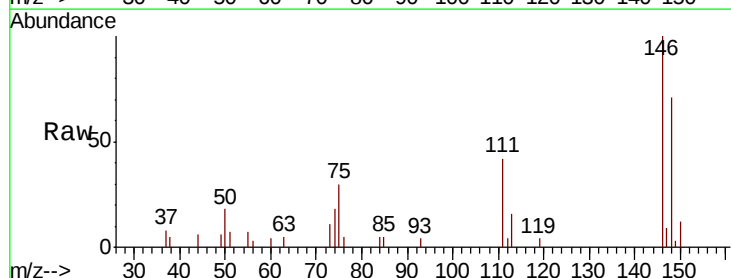
Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW011-200615

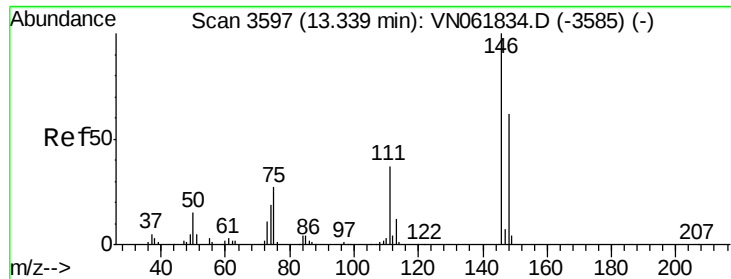
Tot Ion:105 Resp: 2561
 Ion Ratio Lower Upper
 105 100
 134 33.9 10.1 30.1#



#87
 1,3-Dichlorobenzene
 Concen: 2.117 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

Tgt Ion:146 Resp: 7490
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.6 58.8
 148 67.6 31.8 95.4

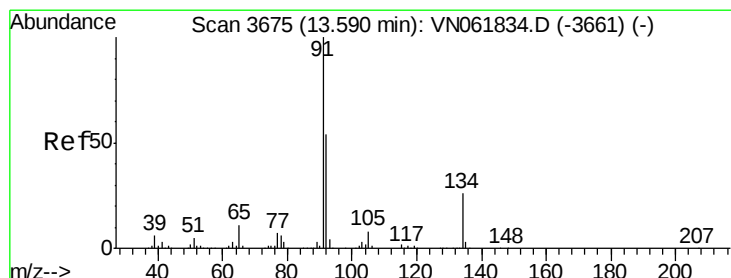
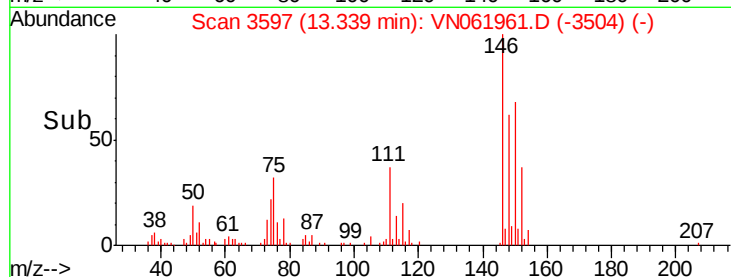
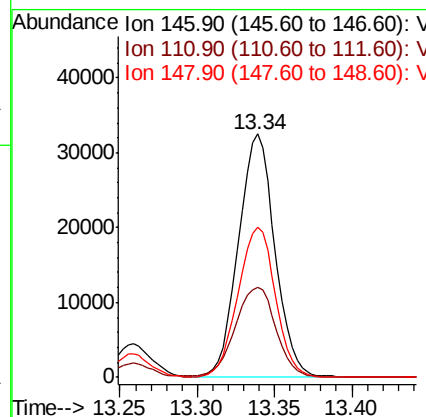
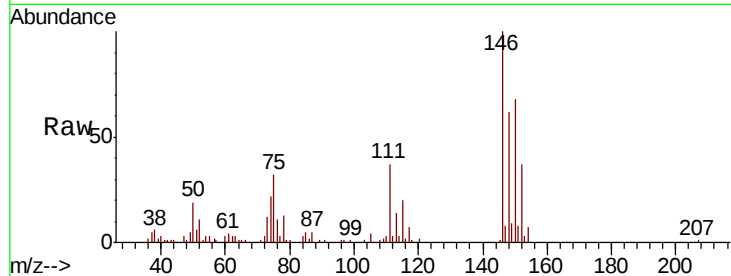




#88
 1,4-Dichlorobenzene
 Concen: 14.696 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

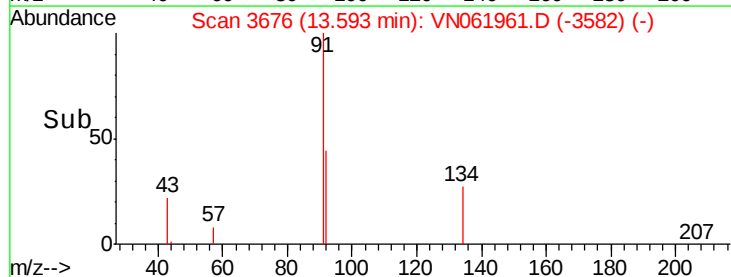
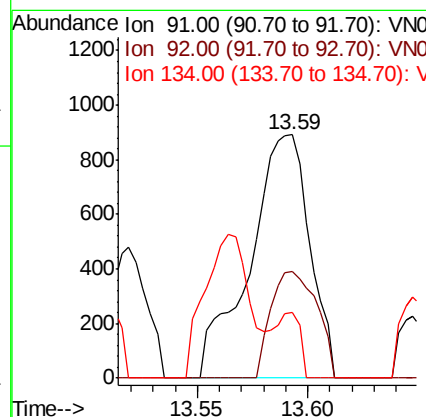
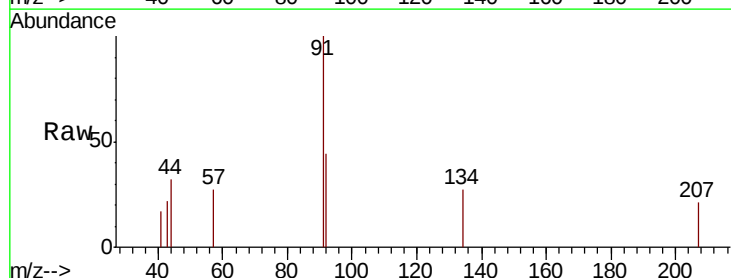
Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW011-200615

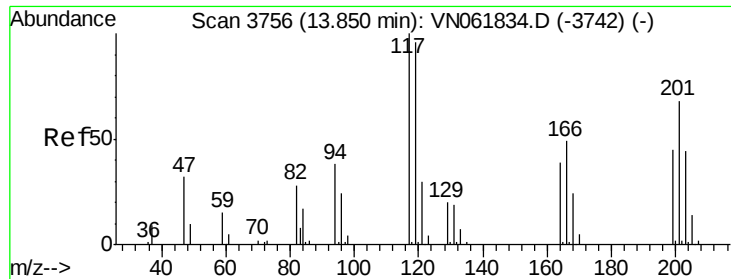
Tot Ion:146 Resp: 53234
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.3 57.8
 148 63.4 31.6 94.7



#89
 n-Butylbenzene
 Concen: 0.319 ug/l
 RT: 13.59 min Scan# 3676
 Delta R.T. 0.00 min
 Lab File: VN061961.D
 Acq: 19 Jun 2020 18:47

Tgt Ion: 91 Resp: 1674
 Ion Ratio Lower Upper
 91 100
 92 33.6 27.0 80.8
 134 10.0 13.0 39.0#

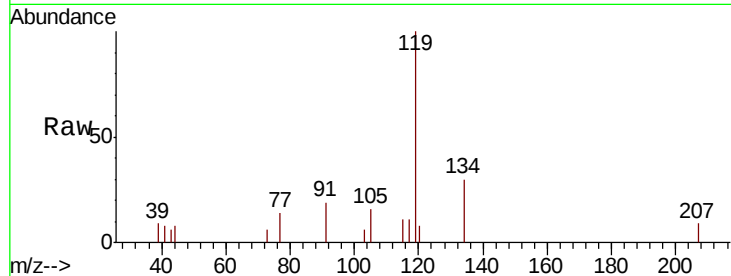




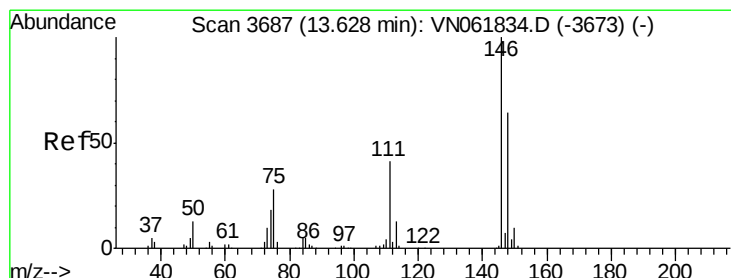
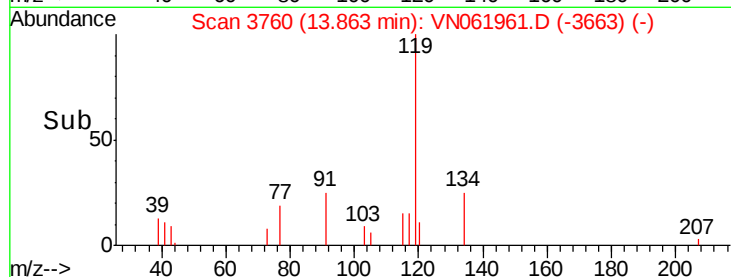
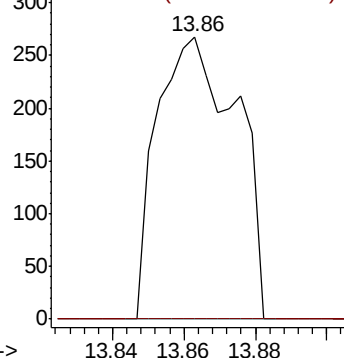
#90
Hexachloroethane
Concen: 0.358 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Instrument :
MSVOA_N
ClientSampleId :
SS043MW011-200615

Tot Ion:117 Resp: 412
Ion Ratio Lower Upper
117 100
201 0.0 34.6 103.8#

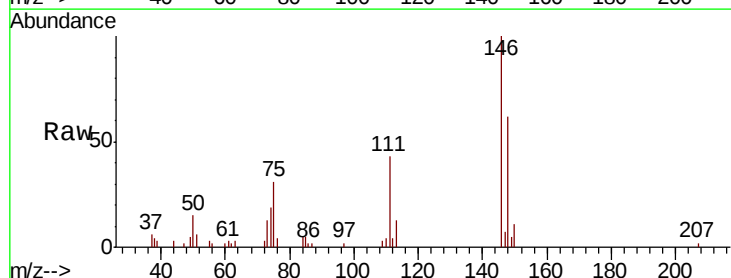


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

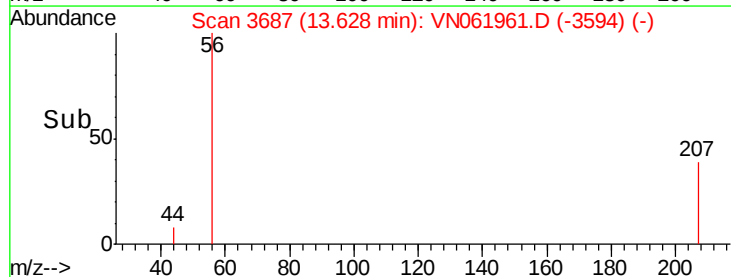
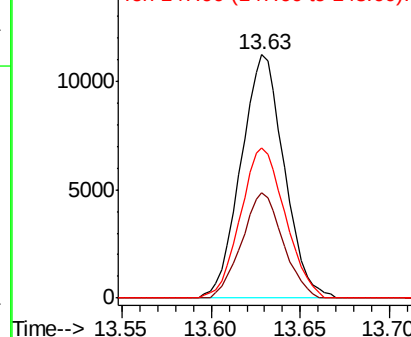


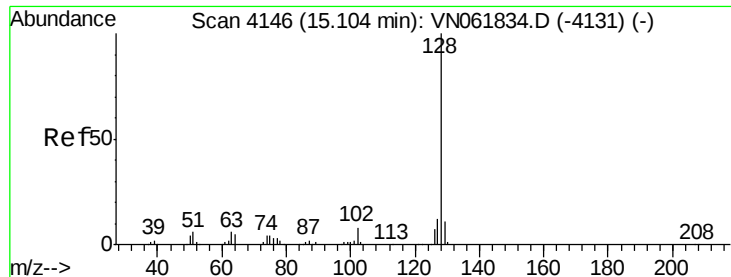
#91
1,2-Dichlorobenzene
Concen: 5.573 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN061961.D
Acq: 19 Jun 2020 18:47

Tgt Ion:146 Resp: 18987
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.2
148 63.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#95

Naphthalene

Concen: 3.688 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061961.D

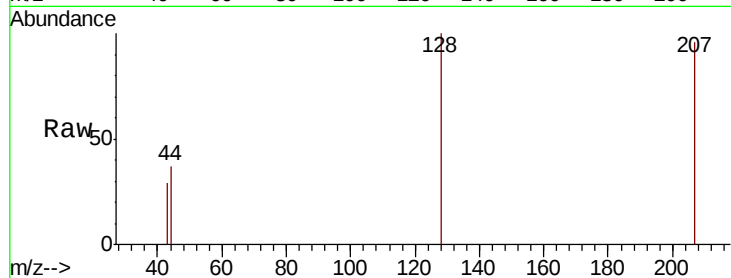
Acq: 19 Jun 2020 18:47

Instrument :

MSVOA_N

ClientSampleId :

SS043MW011-200615



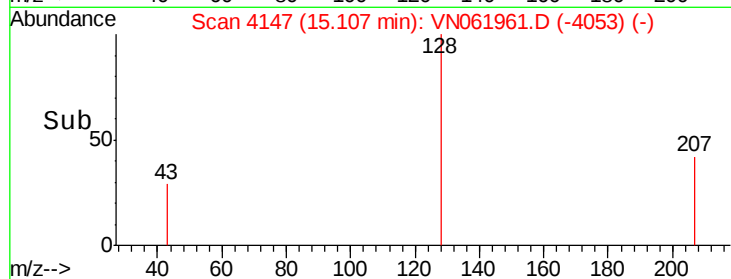
Tot Ion:128 Resp: 1187

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 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

