

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061035.D
 Acq On : 17 Apr 2020 00:15
 Operator : JC/MD
 Sample : L2299-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-40860-861

Quant Time: Apr 17 04:04:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	168656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	287771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127559	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	112013	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
35) Dibromofluoromethane	7.56	113	83755	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.08	98	359890	56.67	ug/l	0.00
Spiked Amount			Recovery	=	113.34%	
62) 4-Bromofluorobenzene	12.39	95	140521	56.46	ug/l	0.00
Spiked Amount			Recovery	=	112.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	41703	108.925	ug/l #	89
13) Acrolein	3.58	56	5664	17.521	ug/l	94
14) Allyl chloride	4.24	41	1542	0.442	ug/l #	28
16) Acetone	3.77	43	98561	103.773	ug/l	99
18) Methyl Acetate	4.28	43	60603	20.348	ug/l	100
23) Vinyl Acetate	5.98	43	1892	0.333	ug/l #	75
25) 2-Butanone	6.80	43	144445	99.247	ug/l	98
29) Tetrahydrofuran	7.17	42	206	0.208	ug/l #	36
31) Cyclohexane	7.64	56	3820	0.950	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13680	4.607	ug/l #	49
37) Ethyl Acetate	6.89	43	22379	6.940	ug/l	99
38) Carbon Tetrachloride	7.64	117	16862	6.822	ug/l #	15
40) Benzene	8.02	78	2484	0.282	ug/l	94
48) Methyl methacrylate	9.15	41	12838	5.540	ug/l #	41
49) 1,4-Dioxane	9.18	88	198	19.806	ug/l #	20
51) 4-Methyl-2-Pentanone	9.94	43	11883	3.931	ug/l #	37
52) Toluene	10.14	92	4371	0.827	ug/l	100
56) Ethyl methacrylate	10.34	69	757	0.241	ug/l #	22
59) 2-Hexanone	10.74	43	1399	0.642	ug/l	82
66) 1,1,1,2-Tetrachloroethane	11.53	131	2669	1.311	ug/l #	8
67) Ethyl Benzene	11.50	91	2215	0.207	ug/l #	86
68) m/p-Xylenes	11.61	106	3198	0.826	ug/l	93
69) o-Xylene	11.94	106	1437	0.386	ug/l	95
70) Styrene	11.95	104	2619	0.437	ug/l	97
74) N-amyl acetate	11.99	43	27579	5.803	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.55	83	969	0.311	ug/l #	25
76) 1,2,3-Trichloropropane	12.39	75	70505	25.129	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.72	105	2218	0.263	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.39	75	70505	61.981	ug/l #	13
84) 1,2,4-Trimethylbenzene	12.89	105	2493	0.299	ug/l	77
85) sec-Butylbenzene	13.04	105	23906	2.484	ug/l #	58
90) Hexachloroethane	13.86	117	525	0.399	ug/l #	10
95) Naphthalene	15.13	128	13757	1.964	ug/l #	85

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QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

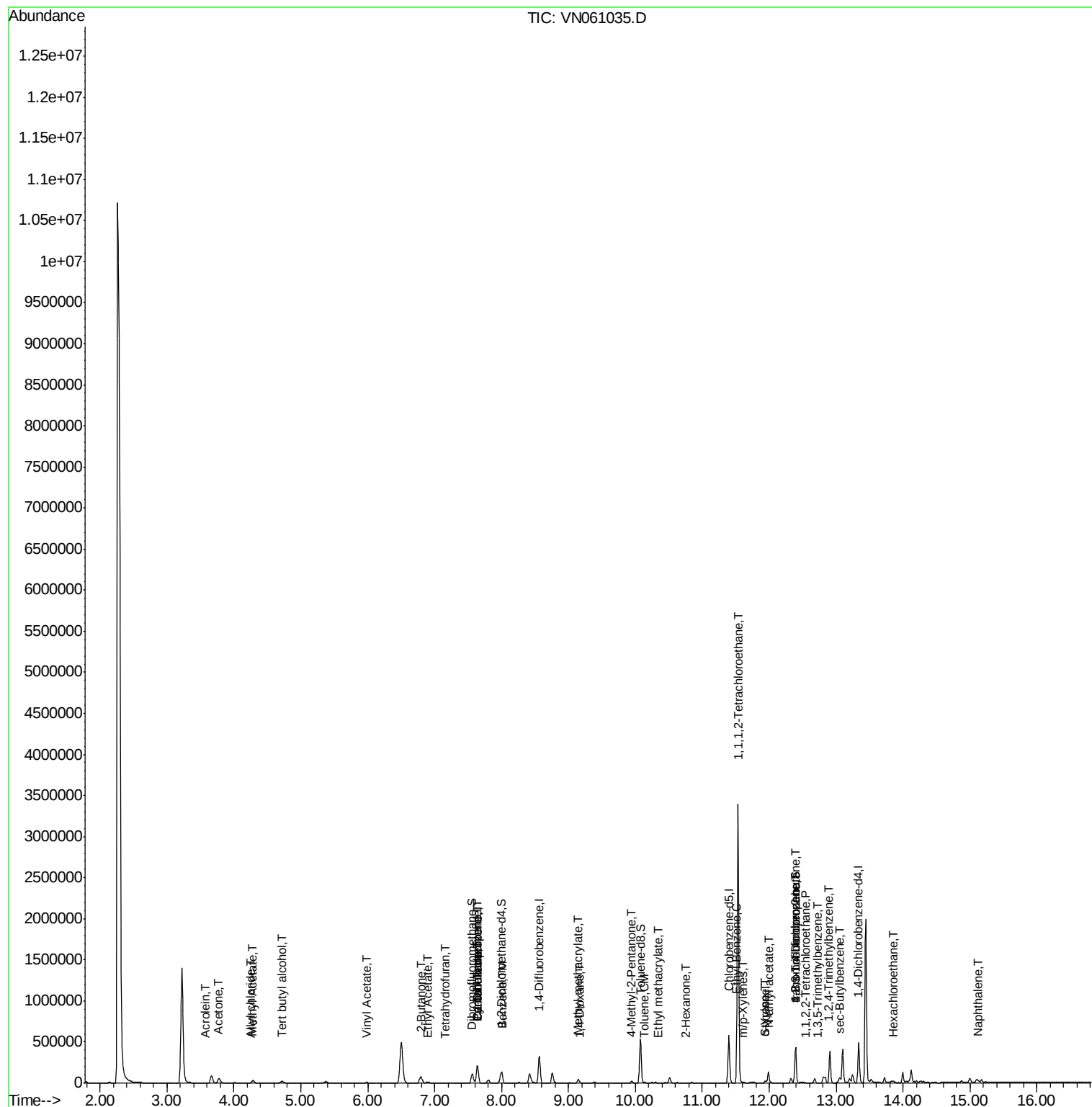
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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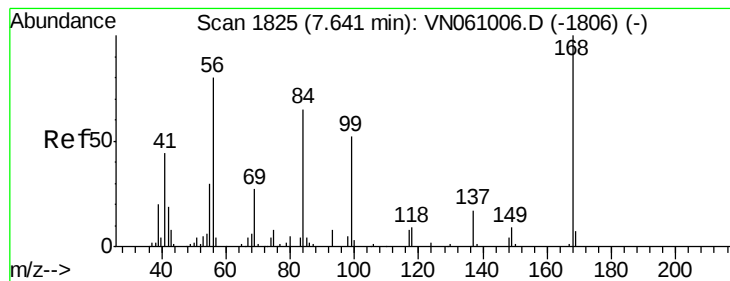
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

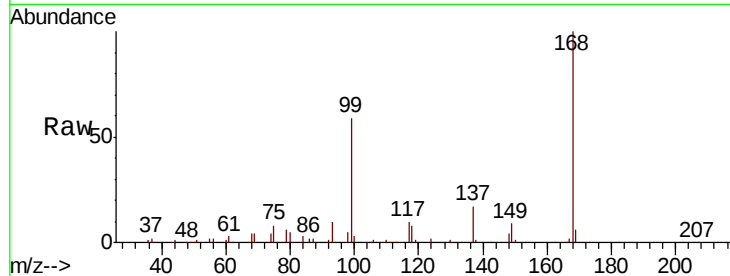
COMP-40860-861

Tot Ion:168 Resp: 168656

Ion Ratio Lower Upper

168 100

99 59.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

80000

60000

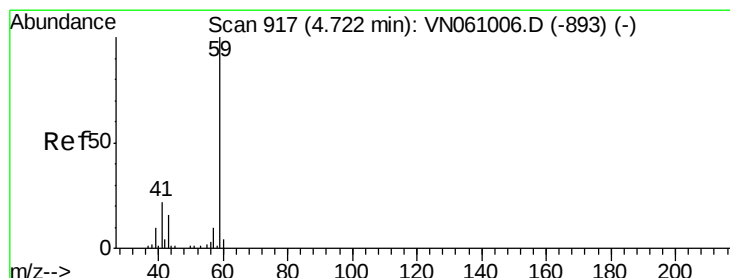
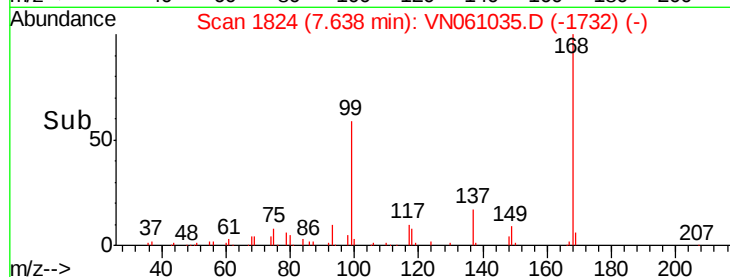
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#11

Tert butyl alcohol

Concen: 108.925 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.00 min

Lab File: VN061035.D

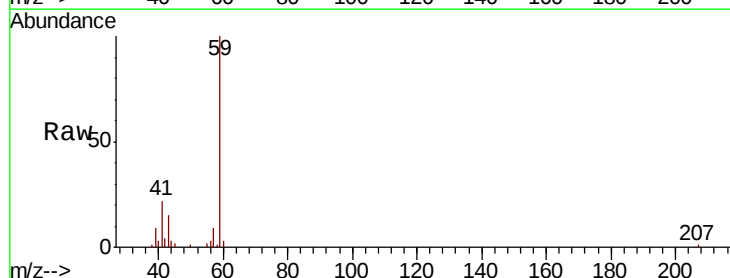
Acq: 17 Apr 2020 00:15

Tgt Ion: 59 Resp: 41703

Ion Ratio Lower Upper

59 100

57 5.9 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN061006.D (-893) (-)

Ion 57.00 (56.70 to 57.70): VN061006.D (-893) (-)

4.72

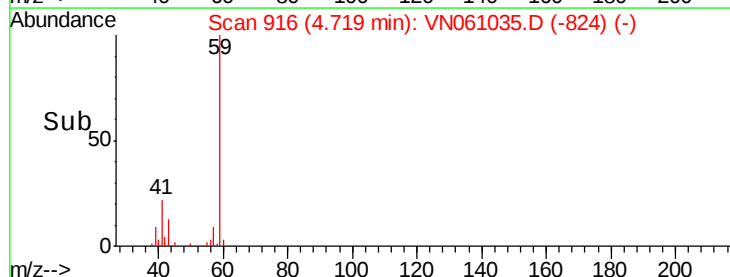
10000

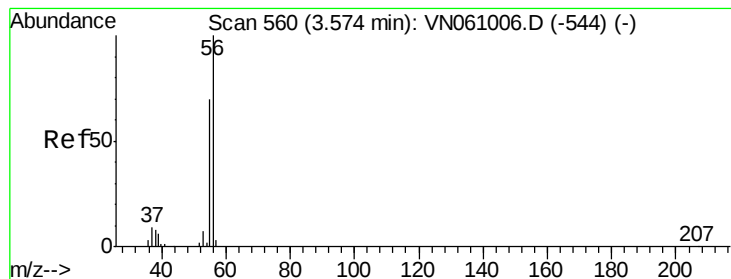
5000

0

4.60 4.70 4.80

Time-->





#13

Acrolein

Concen: 17.521 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

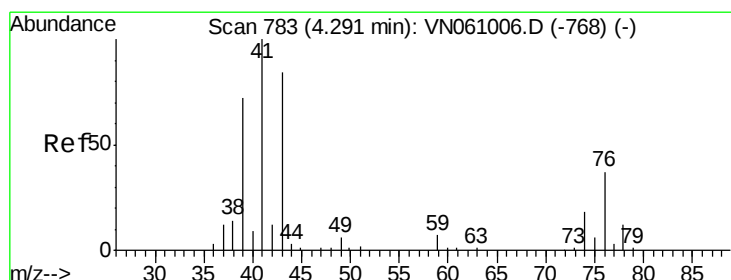
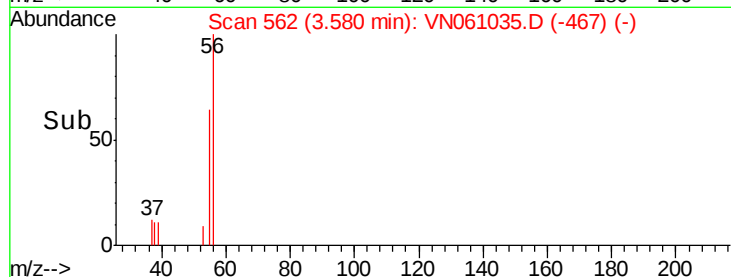
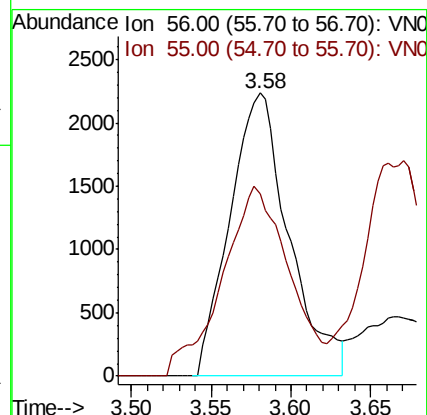
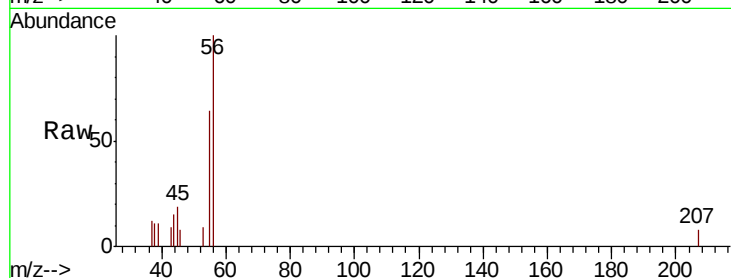
COMP-40860-861

Tot Ion: 56 Resp: 5664

Ion Ratio Lower Upper

56 100

55 76.2 57.0 85.6



#14

Allyl chloride

Concen: 0.442 ug/l

RT: 4.24 min Scan# 766

Delta R.T. -0.05 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

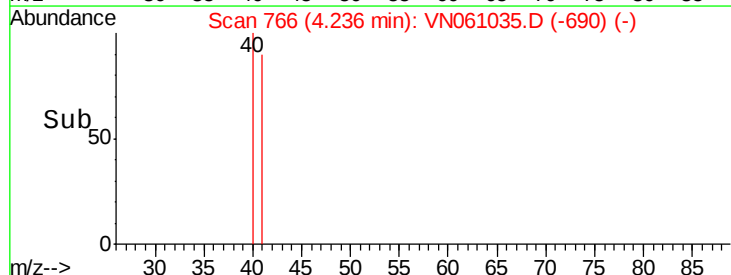
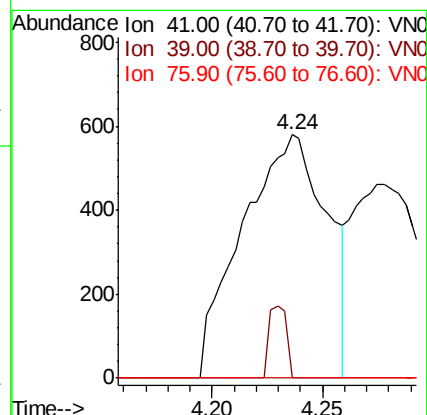
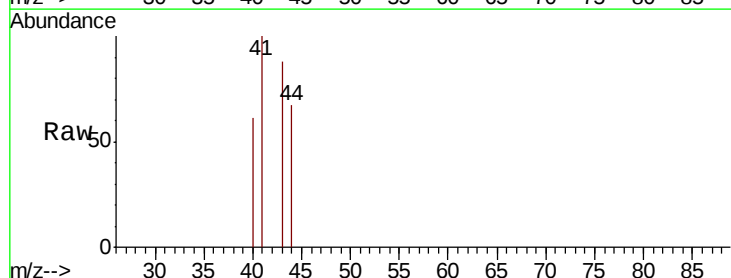
Tgt Ion: 41 Resp: 1542

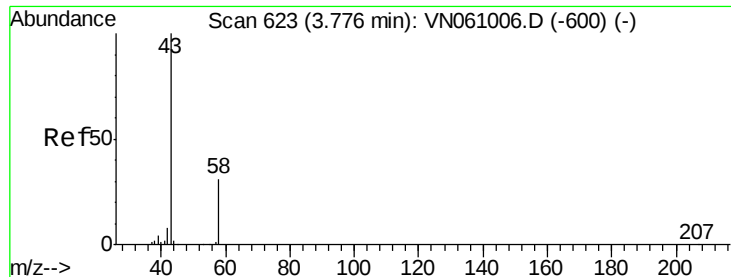
Ion Ratio Lower Upper

41 100

39 6.2 56.3 84.5#

76 0.0 27.7 41.5#





#16

Acetone

Concen: 103.773 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

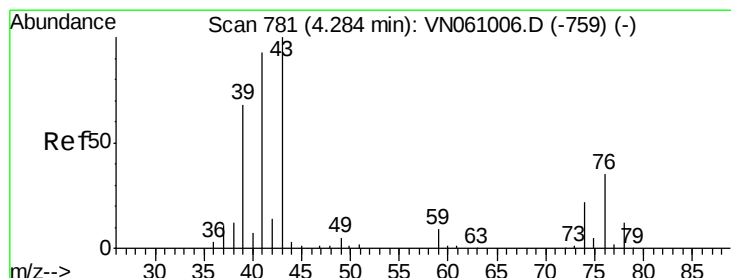
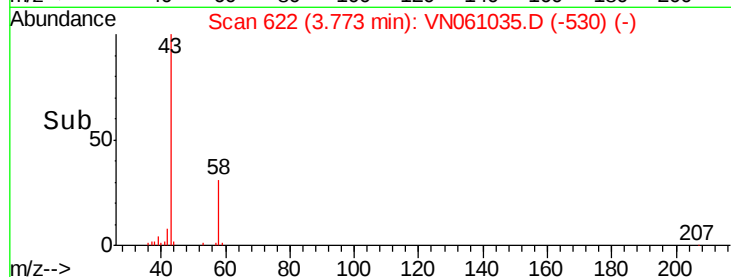
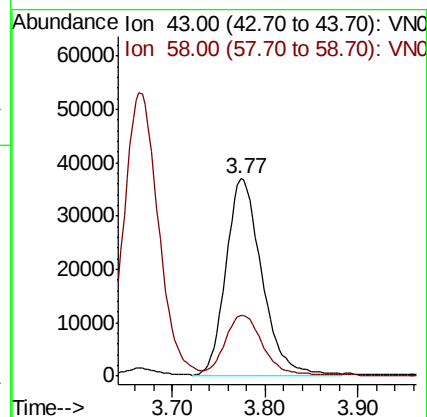
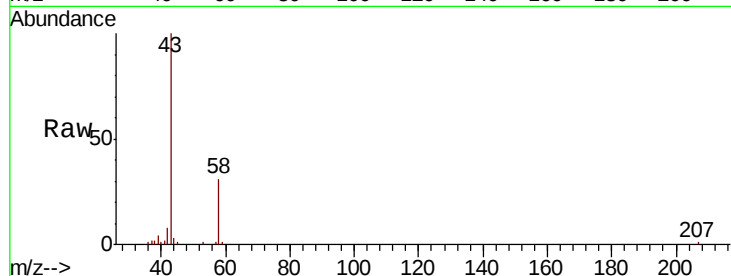
COMP-40860-861

Tot Ion: 43 Resp: 98561

Ion Ratio Lower Upper

43 100

58 30.1 24.6 37.0



#18

Methyl Acetate

Concen: 20.348 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN061035.D

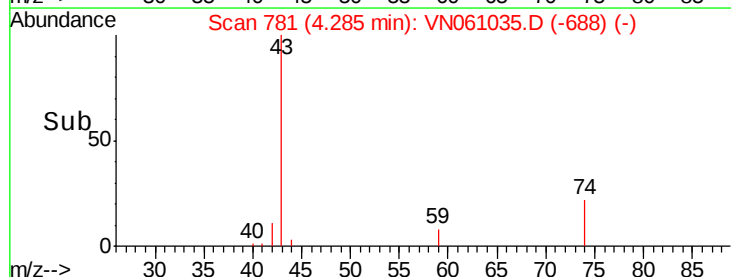
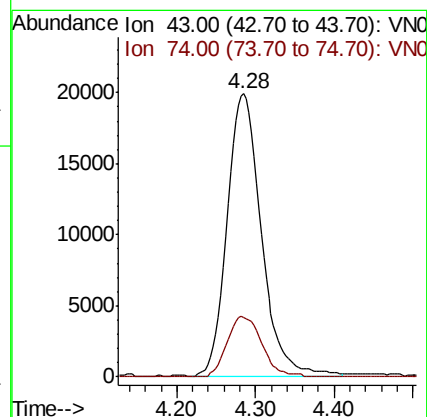
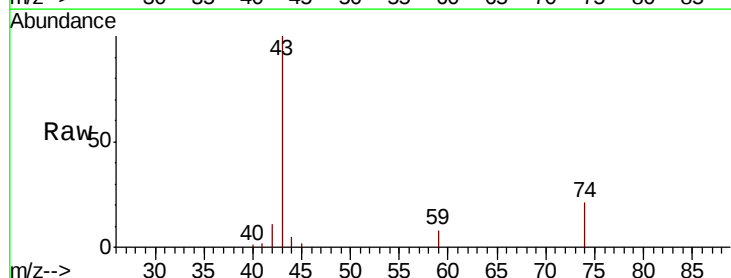
Acq: 17 Apr 2020 00:15

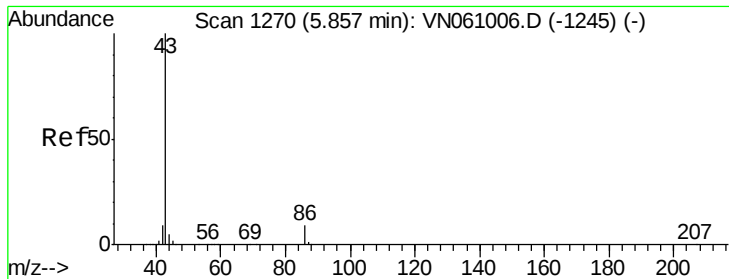
Tgt Ion: 43 Resp: 60603

Ion Ratio Lower Upper

43 100

74 21.5 17.4 26.0





#23

Vinyl Acetate

Concen: 0.333 ug/l

RT: 5.98 min Scan# 1308

Delta R.T. 0.12 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

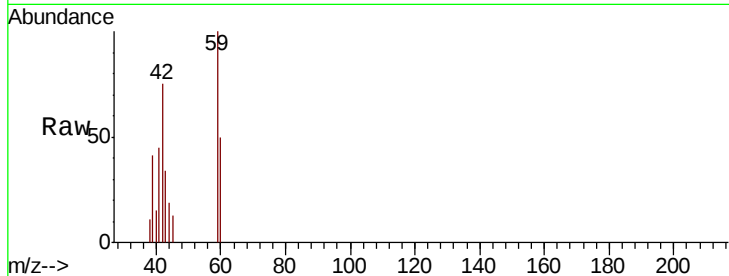
COMP-40860-861

Tot Ion: 43 Resp: 1892

Ion Ratio Lower Upper

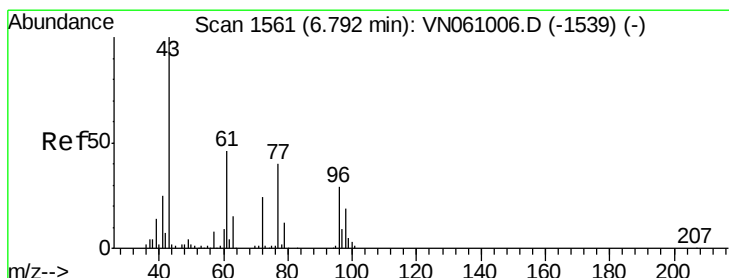
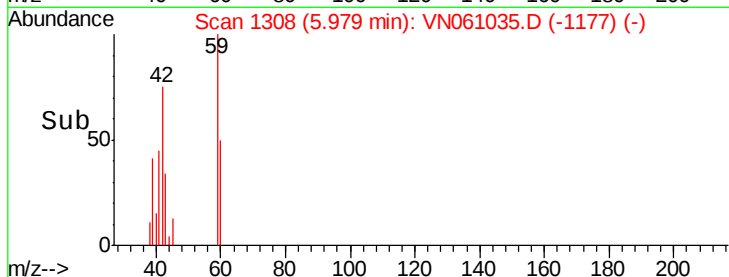
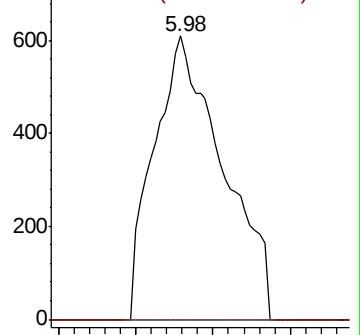
43 100

86 0.0 7.3 10.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#25

2-Butanone

Concen: 99.247 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061035.D

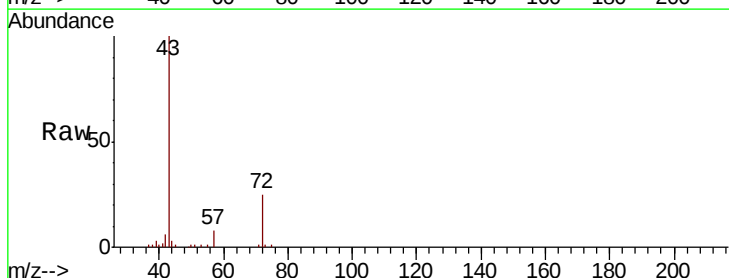
Acq: 17 Apr 2020 00:15

Tgt Ion: 43 Resp: 144445

Ion Ratio Lower Upper

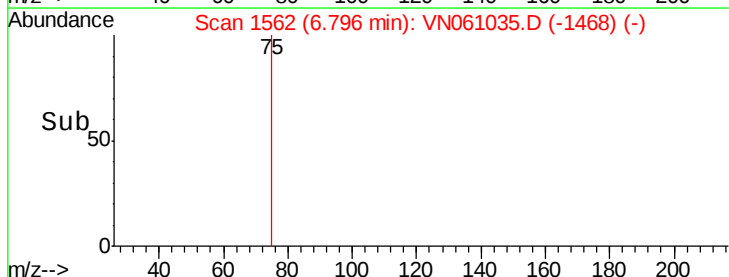
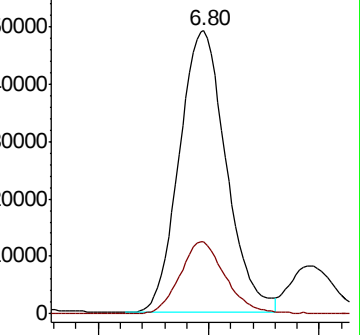
43 100

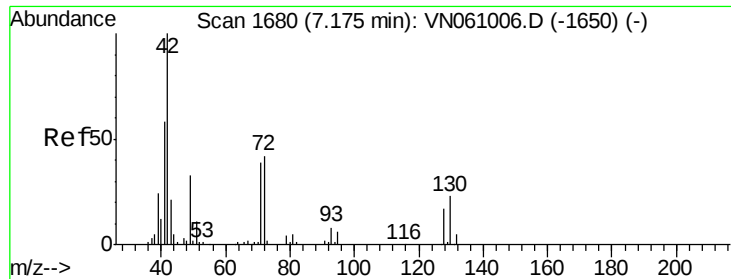
72 25.4 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

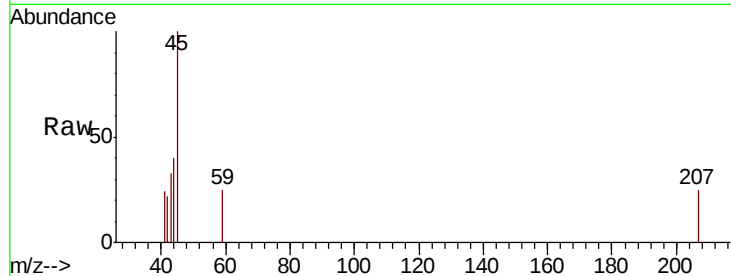




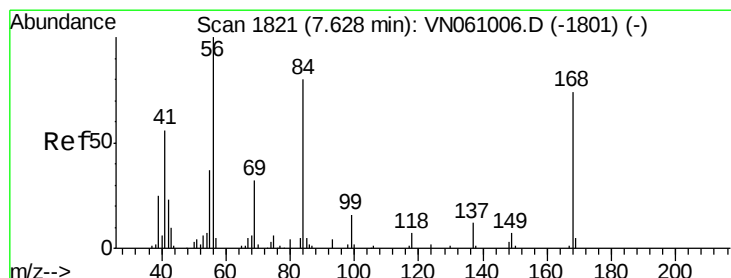
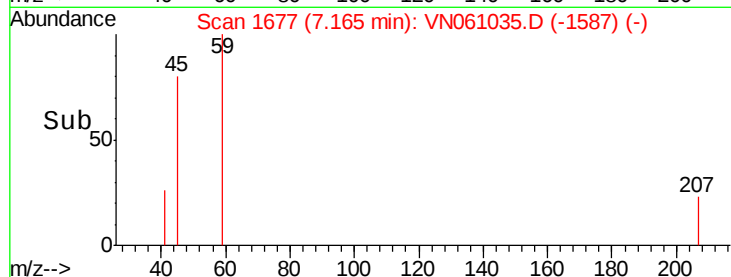
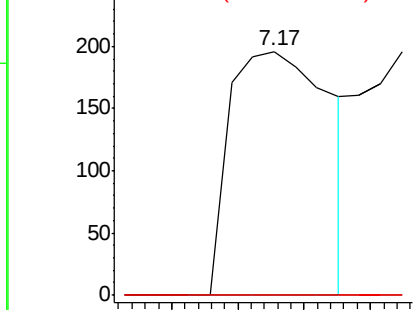
#29
Tetrahydrofuran
Concen: 0.208 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.01 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
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ClientSampleId :
COMP-40860-861

Tot Ion: 42 Resp: 206
Ion Ratio Lower Upper
42 100
72 0.0 32.1 48.1#
71 0.0 30.5 45.7#

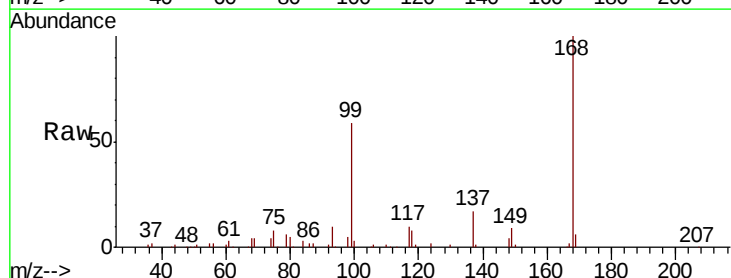


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

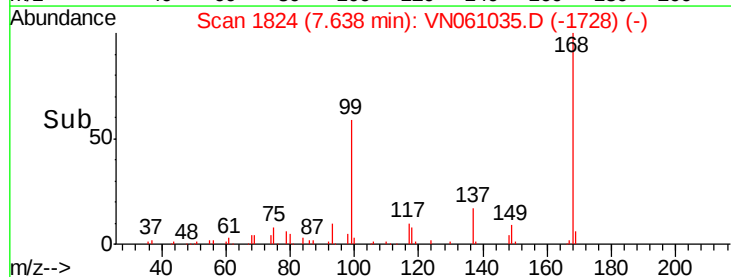
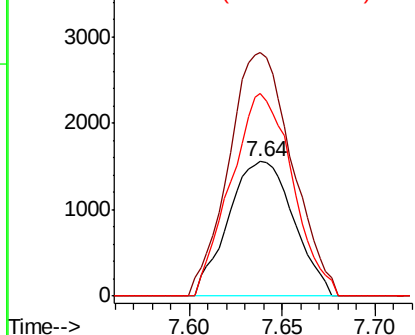


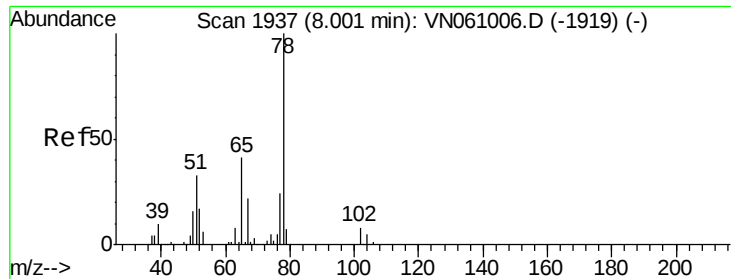
#31
Cyclohexane
Concen: 0.950 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion: 56 Resp: 3820
Ion Ratio Lower Upper
56 100
69 180.9 25.6 38.4#
84 150.8 63.4 95.2#



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

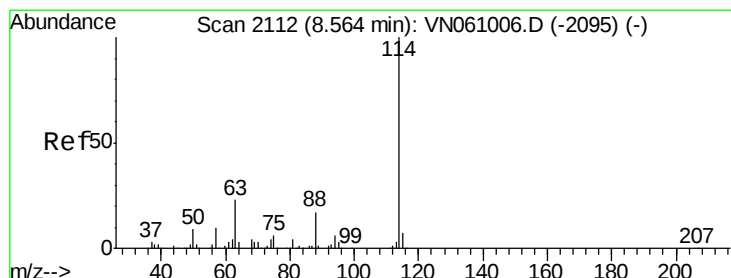
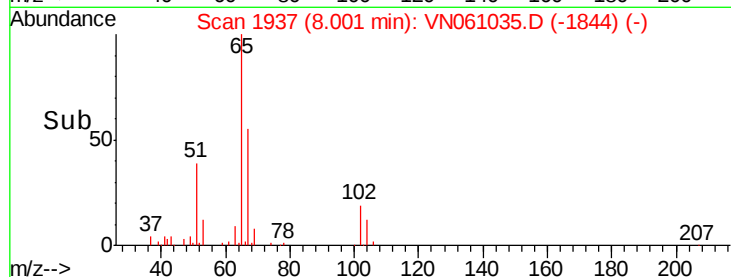
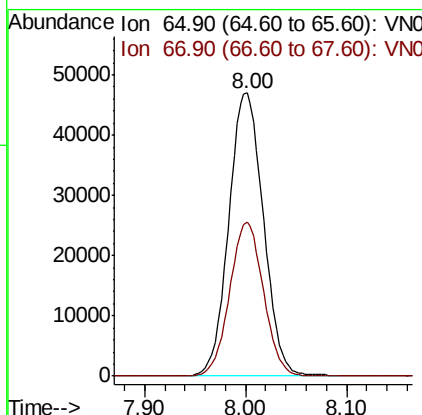
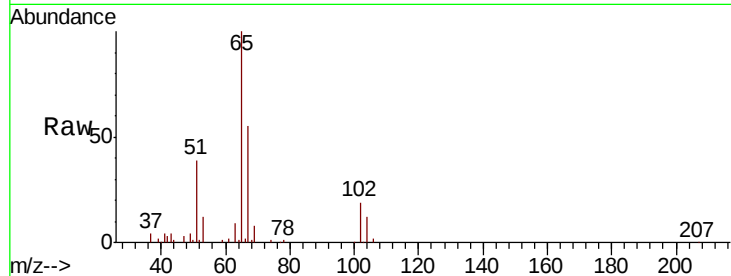




#33
 1,2-Dichloroethane-d4
 Concen: 51.910 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

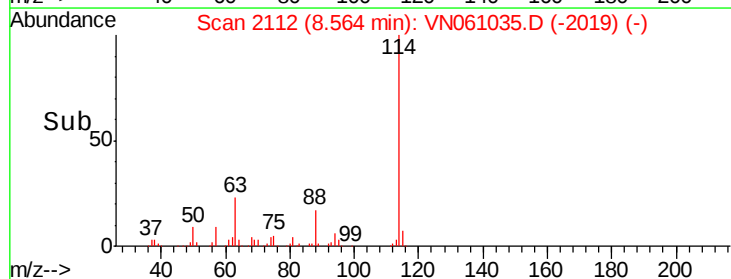
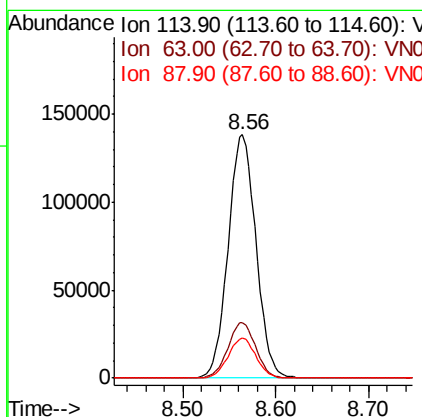
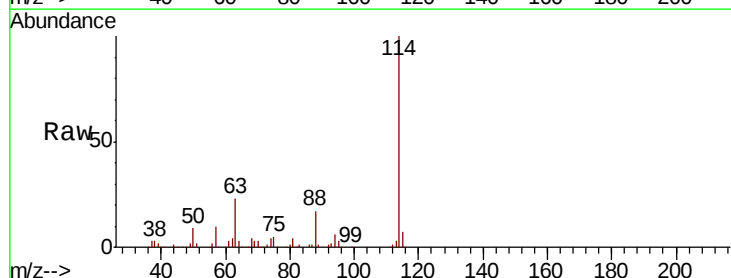
Instrument :
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 COMP-40860-861

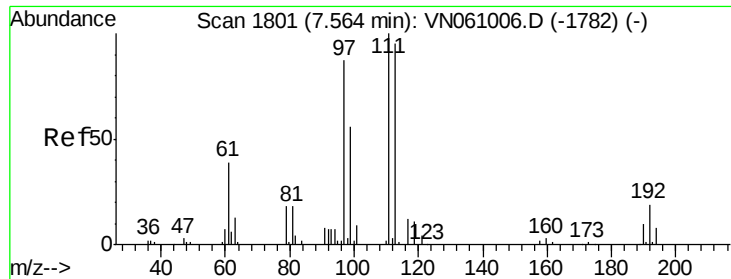
Tot Ion: 65 Resp: 112013
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

Tgt Ion: 114 Resp: 287771
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.2
 88 16.5 0.0 33.4

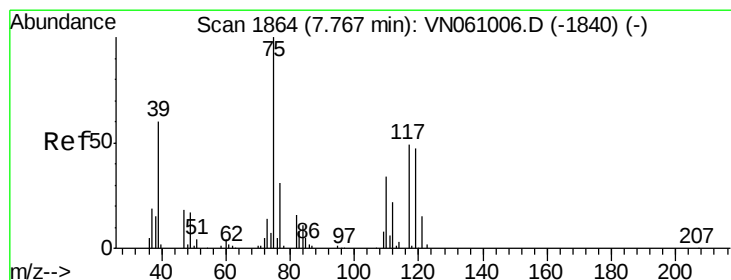
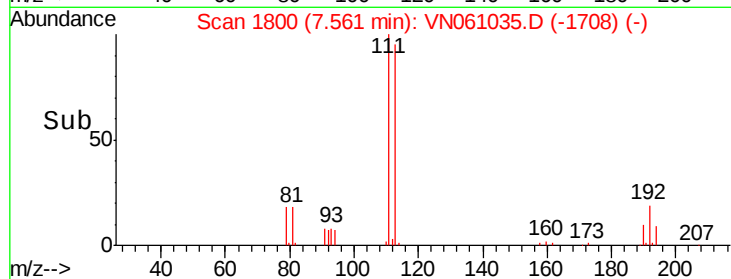
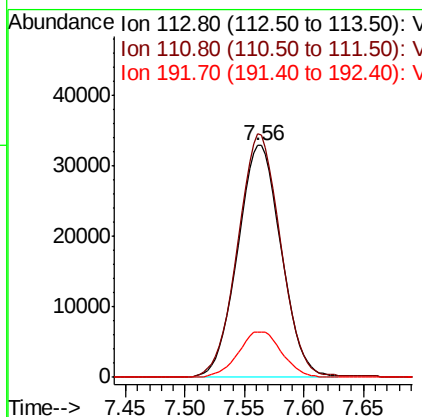
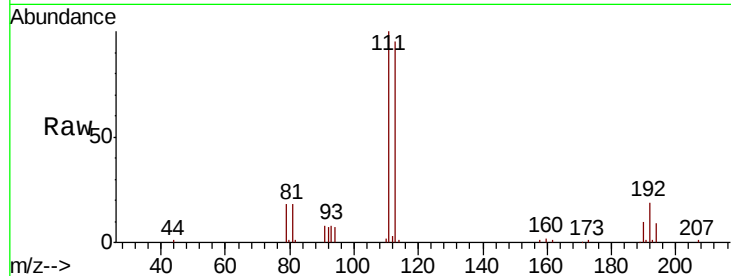




#35
 Dibromofluoromethane
 Concen: 49.838 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

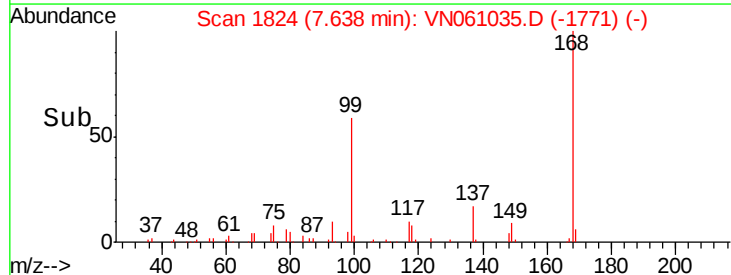
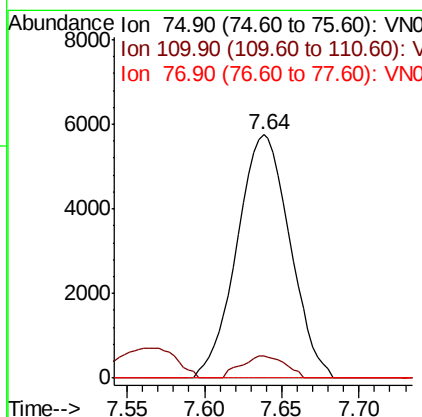
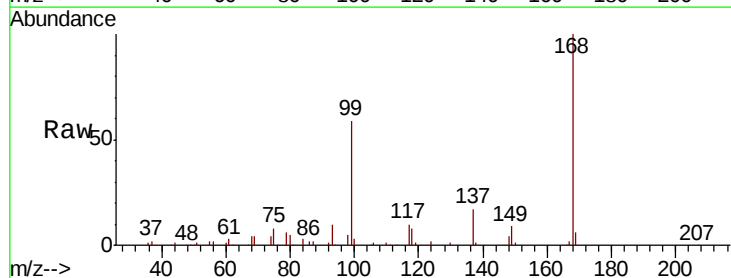
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-40860-861

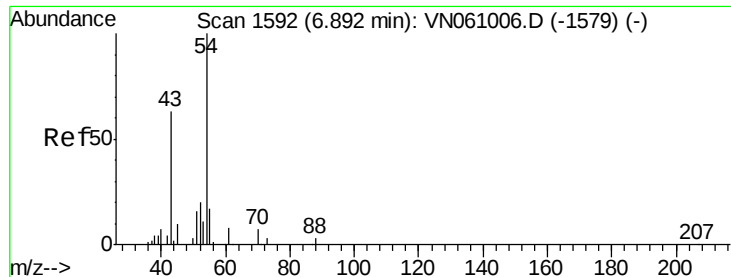
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	19.5	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 4.607 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.8	50.3#
77	0.0	24.7	37.1#

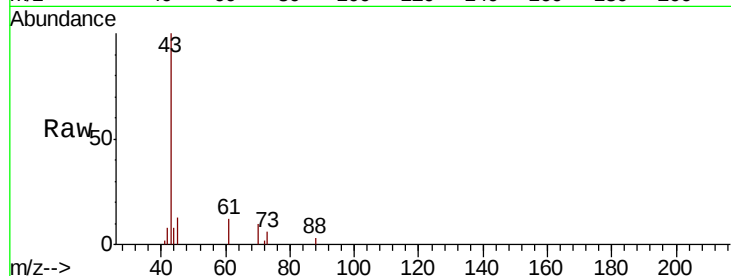




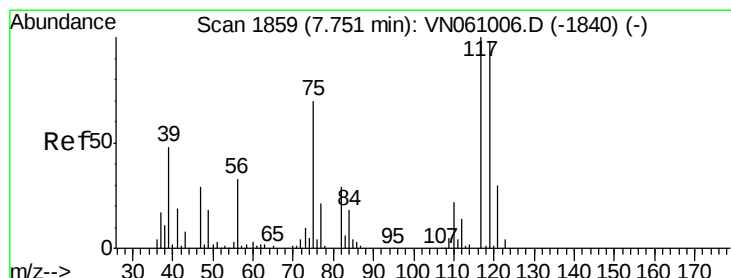
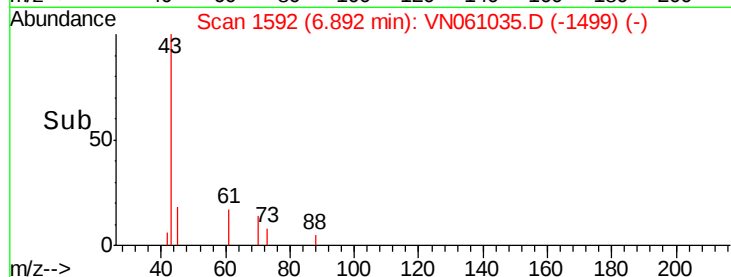
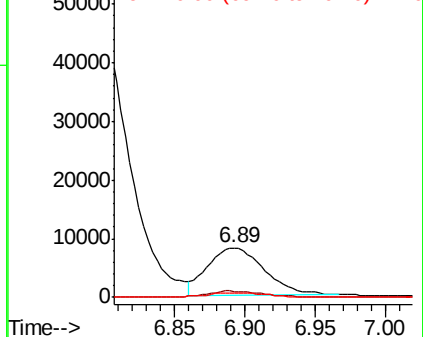
#37
Ethyl Acetate
Concen: 6.940 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion: 43 Resp: 22379
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 10.2 7.7 11.5

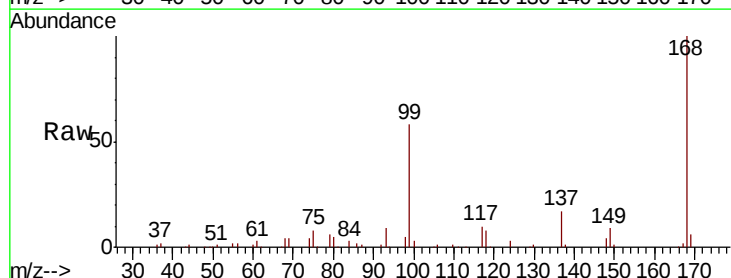


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

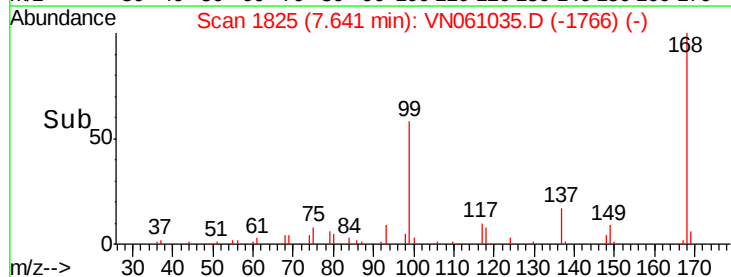
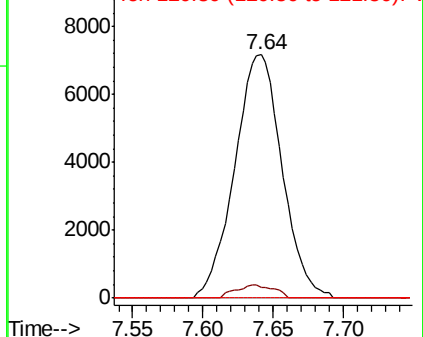


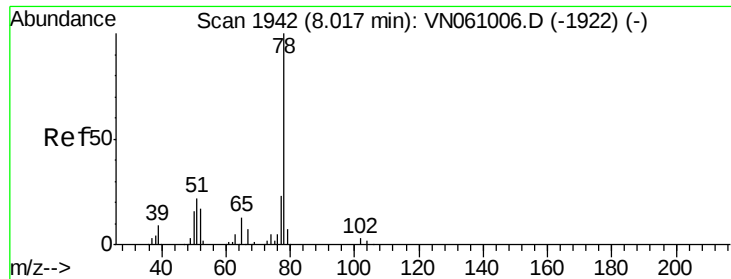
#38
Carbon Tetrachloride
Concen: 6.822 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion: 117 Resp: 16862
Ion Ratio Lower Upper
117 100
119 4.6 78.1 117.1#
121 0.0 24.0 36.0#



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





#40

Benzene

Concen: 0.282 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

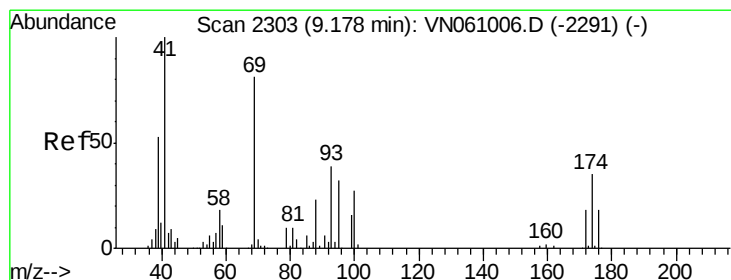
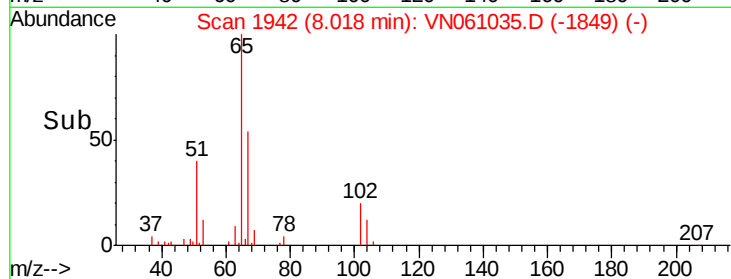
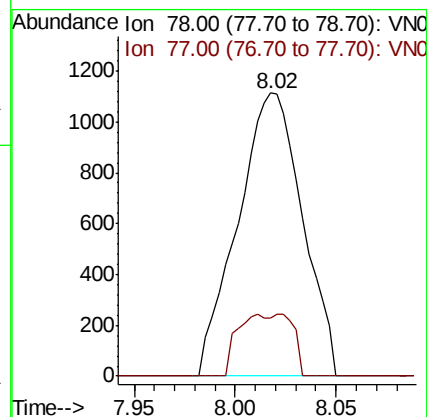
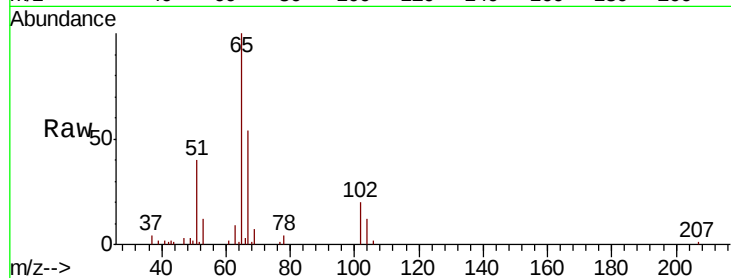
COMP-40860-861

Tot Ion: 78 Resp: 2484

Ion Ratio Lower Upper

78 100

77 20.6 18.8 28.2



#48

Methyl methacrylate

Concen: 5.540 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.03 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

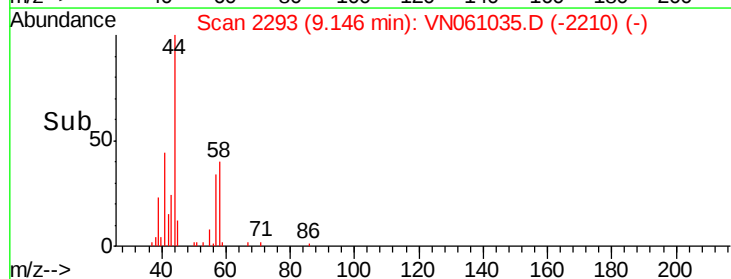
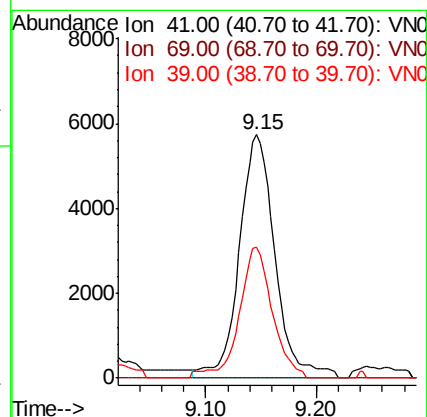
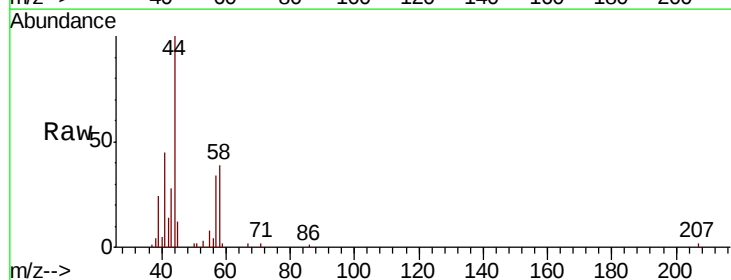
Tgt Ion: 41 Resp: 12838

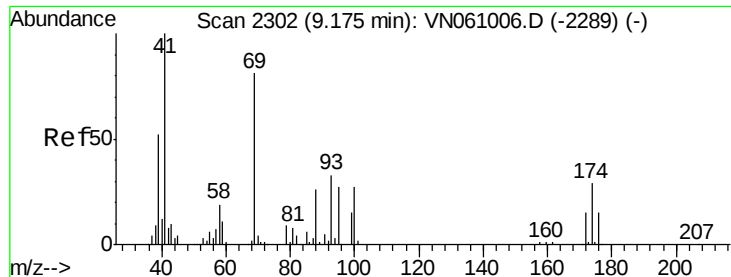
Ion Ratio Lower Upper

41 100

69 0.0 65.3 97.9#

39 48.1 45.2 67.8

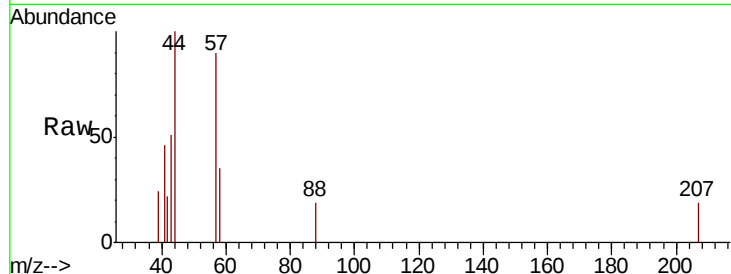




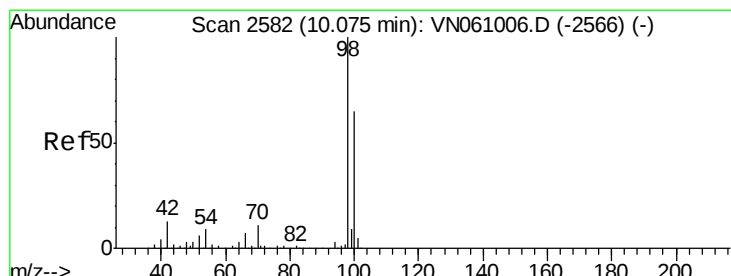
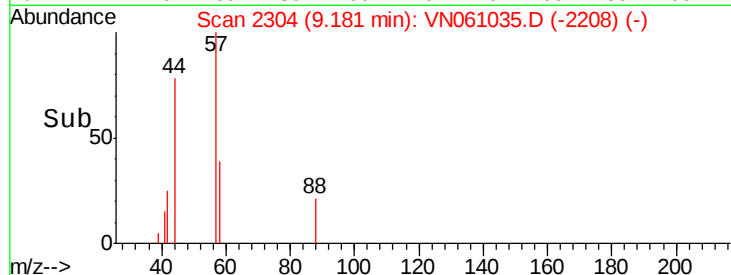
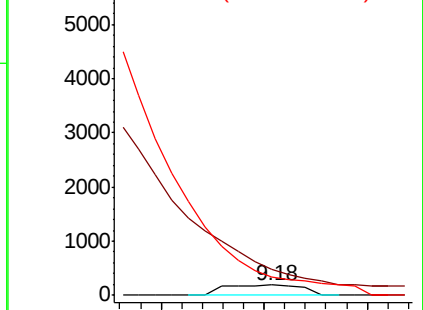
#49
1,4-Dioxane
Concen: 19.806 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.01 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion: 88 Resp: 198
Ion Ratio Lower Upper
88 100
43 0.0 30.9 46.3#
58 0.0 59.8 89.8#

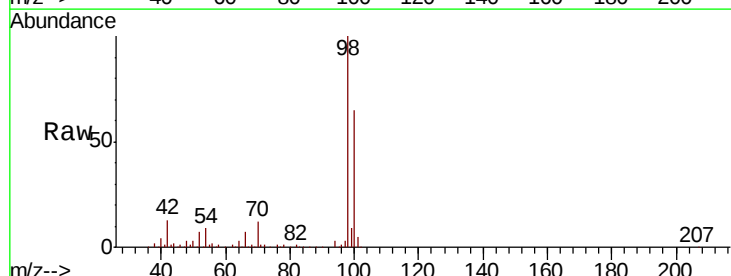


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

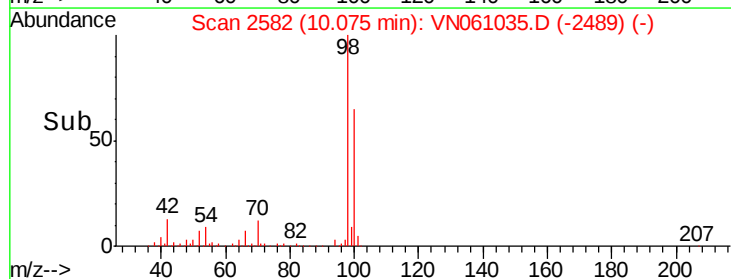
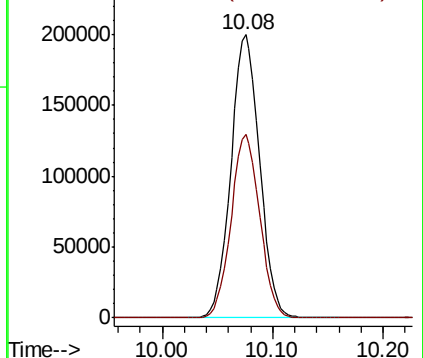


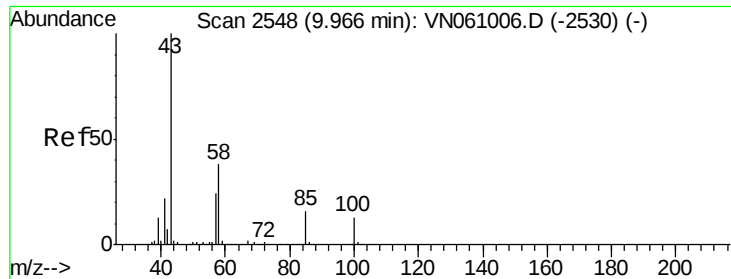
#50
Toluene-d8
Concen: 56.672 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion: 98 Resp: 359890
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 3.931 ug/l

RT: 9.94 min Scan# 2540

Delta R.T. -0.03 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

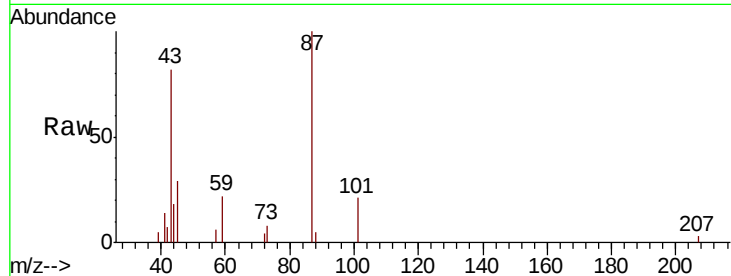
COMP-40860-861

Tot Ion: 43 Resp: 11883

Ion Ratio Lower Upper

43 100

58 0.0 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.94

5000

4000

3000

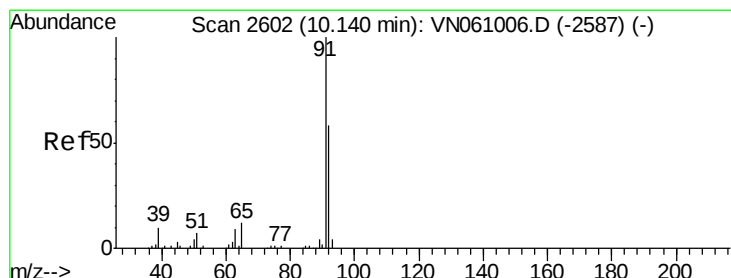
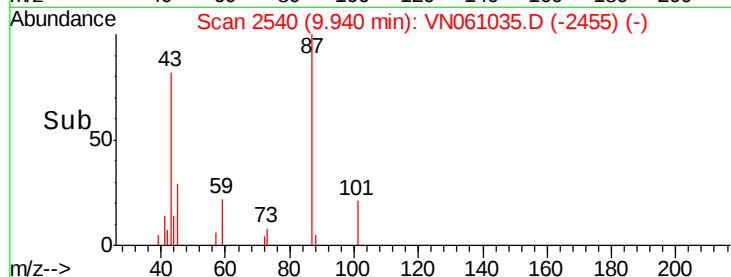
2000

1000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 0.827 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061035.D

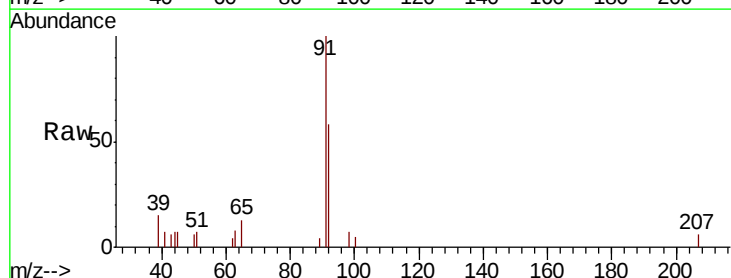
Acq: 17 Apr 2020 00:15

Tgt Ion: 92 Resp: 4371

Ion Ratio Lower Upper

92 100

91 172.6 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

10.14

5000

4000

3000

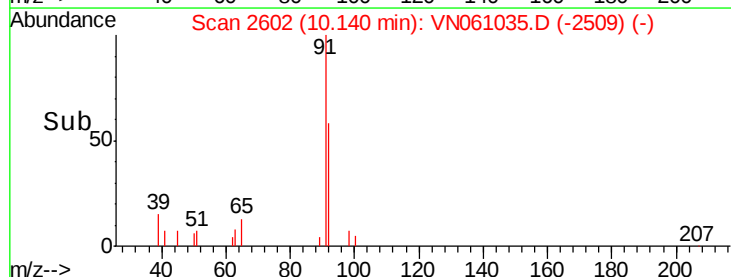
2000

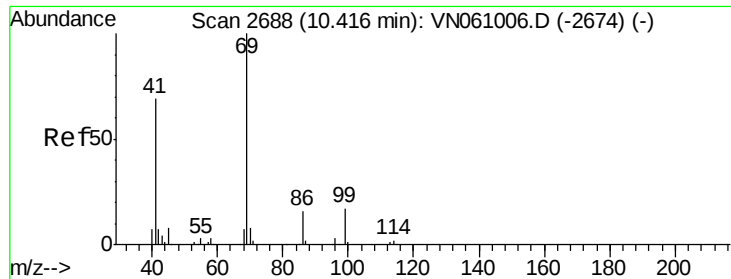
1000

0

10.10 10.15

Time-->





#56

Ethyl methacrylate

Concen: 0.241 ug/l

RT: 10.34 min Scan# 2665

Delta R.T. -0.07 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampled :

COMP-40860-861

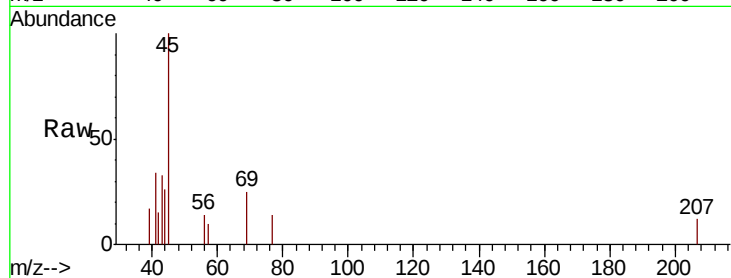
Tot Ion: 69 Resp: 757

Ion Ratio Lower Upper

69 100

41 0.0 56.7 85.1#

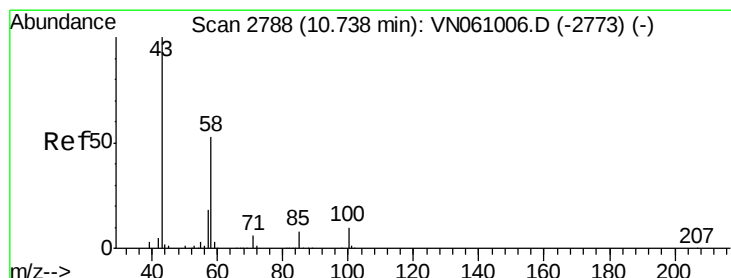
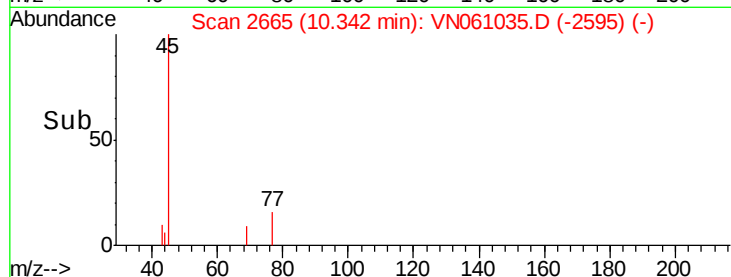
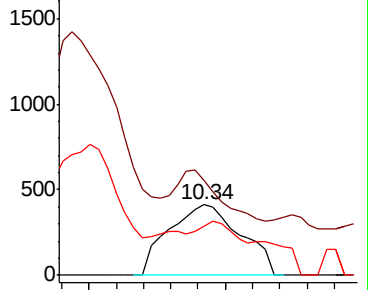
39 0.0 29.4 44.0#



Abundance Ion 69.00 (68.70 to 69.70): VN061006.D (-2674) (-)

Ion 41.00 (40.70 to 41.70): VN061006.D (-2674) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-2674) (-)



#59

2-Hexanone

Concen: 0.642 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN061035.D

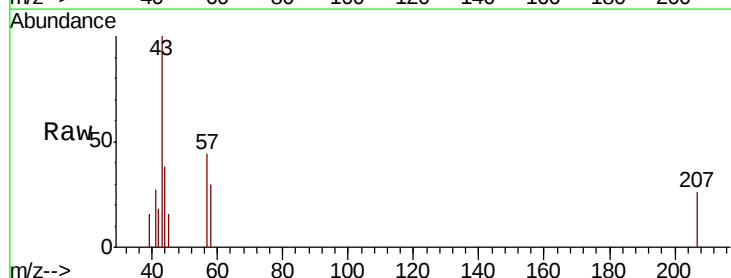
Acq: 17 Apr 2020 00:15

Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

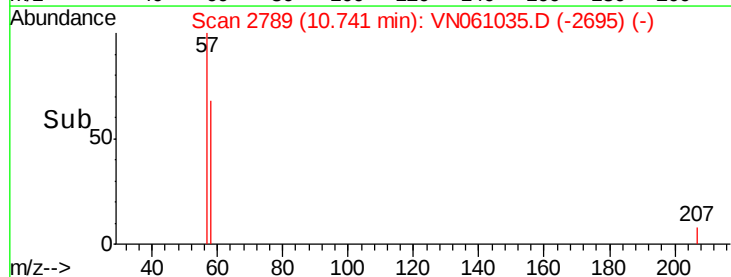
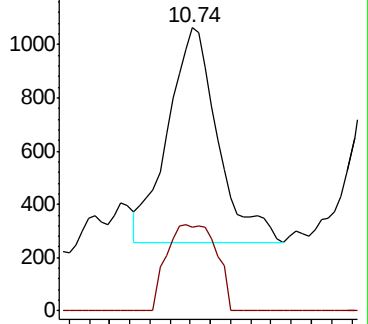
43 100

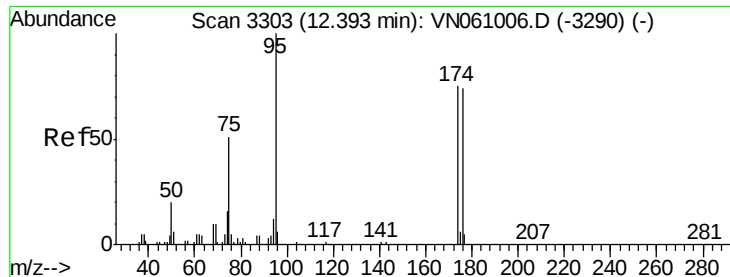
58 39.7 26.4 79.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2773) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2773) (-)

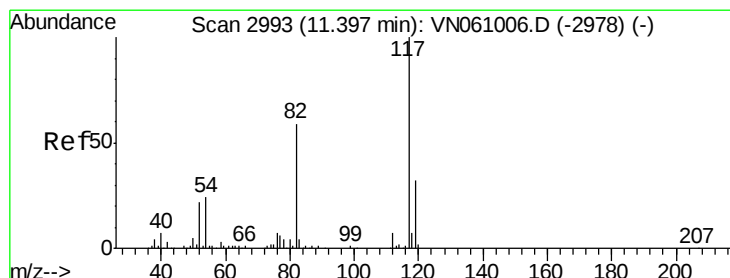
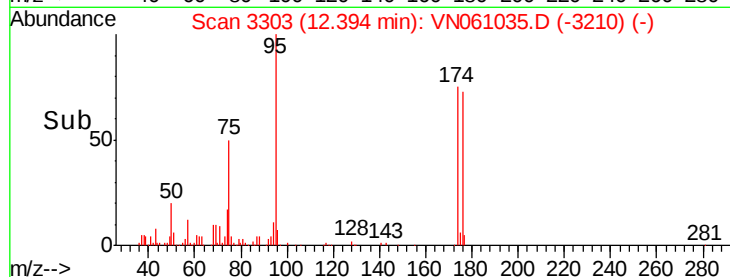
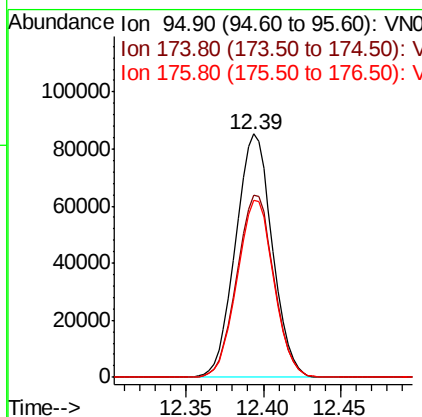
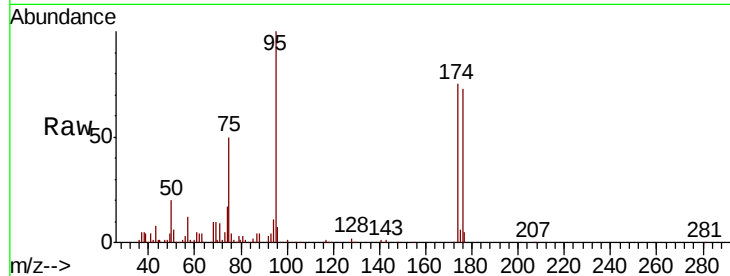




#62
 4-Bromofluorobenzene
 Concen: 56.458 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

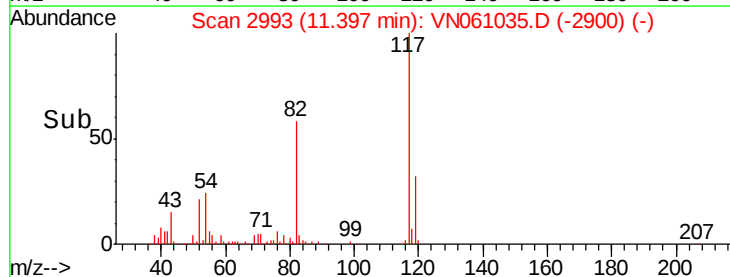
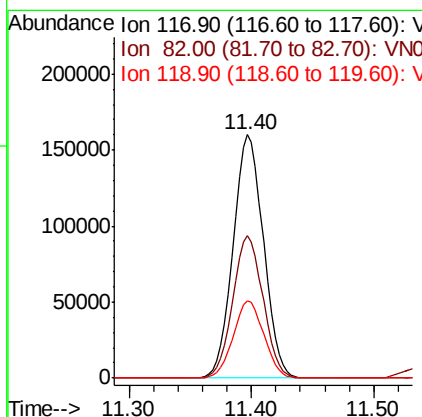
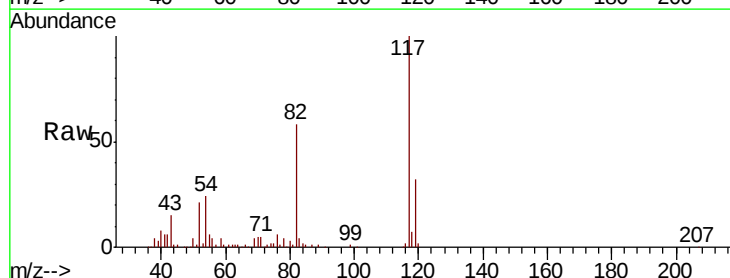
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-40860-861

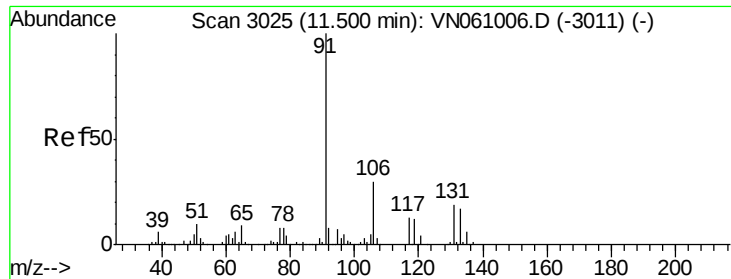
Tot Ion: 95 Resp: 140521
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 151.2
 176 73.1 0.0 148.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2993
 Delta R.T. 0.00 min
 Lab File: VN061035.D
 Acq: 17 Apr 2020 00:15

Tgt Ion: 117 Resp: 275749
 Ion Ratio Lower Upper
 117 100
 82 58.4 47.1 70.7
 119 31.9 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 1.311 ug/l

RT: 11.53 min Scan# 3035

Delta R.T. 0.03 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-40860-861

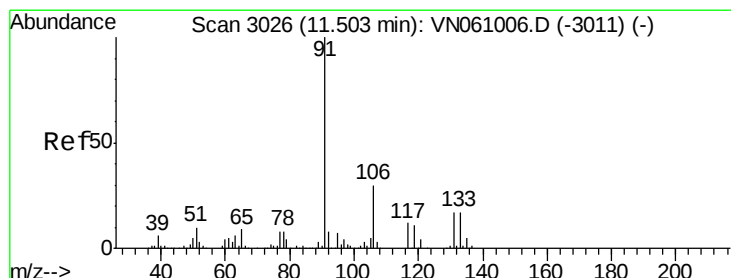
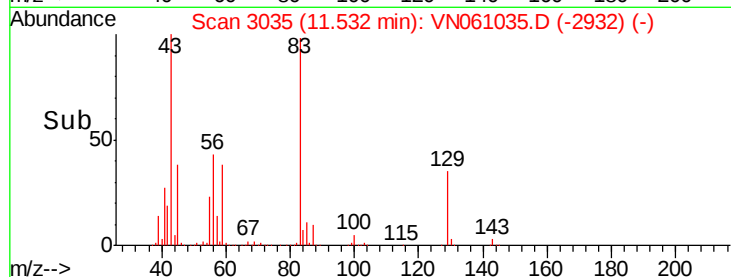
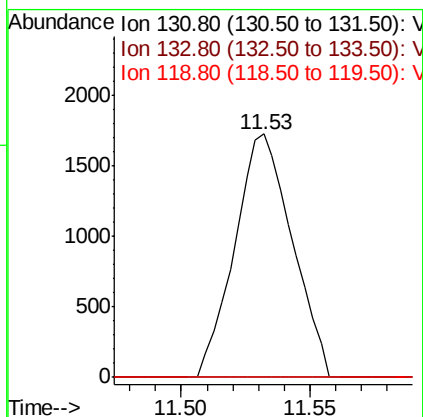
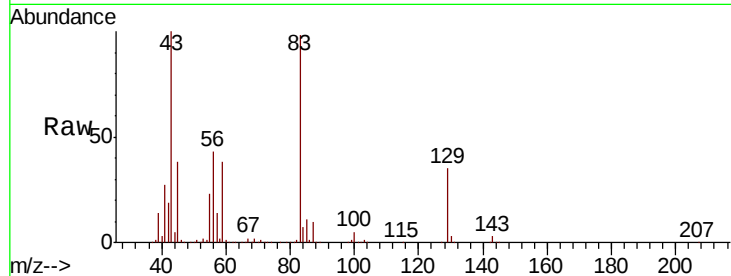
Tot Ion:131 Resp: 2669

Ion Ratio Lower Upper

131 100

133 0.0 47.9 143.8#

119 0.0 33.3 99.8#



#67

Ethyl Benzene

Concen: 0.207 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN061035.D

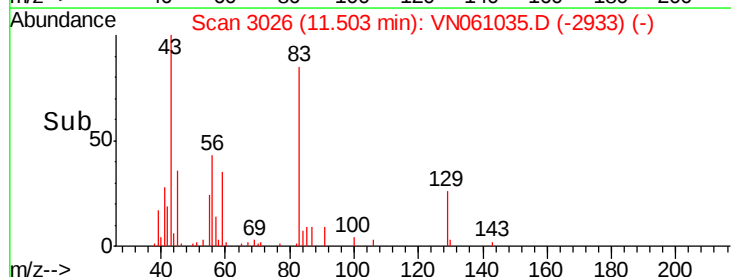
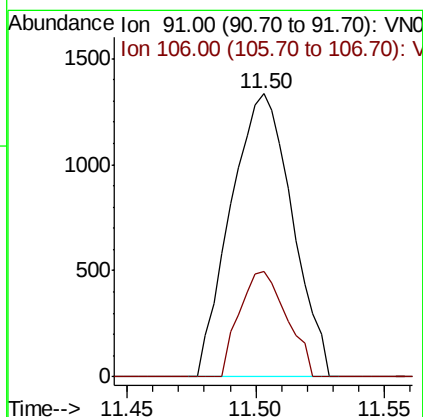
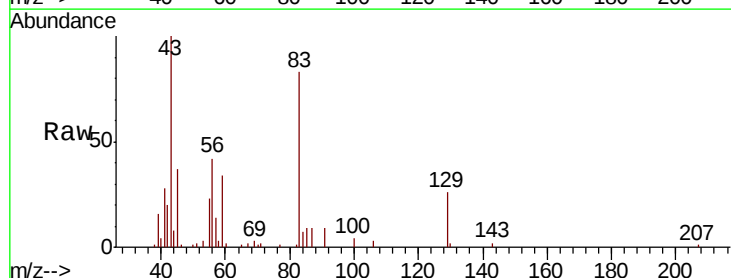
Acq: 17 Apr 2020 00:15

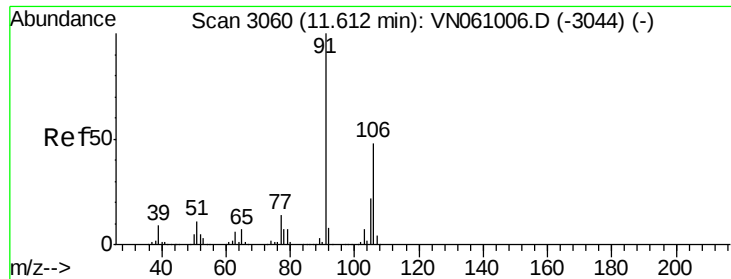
Tgt Ion: 91 Resp: 2215

Ion Ratio Lower Upper

91 100

106 37.4 23.8 35.8#

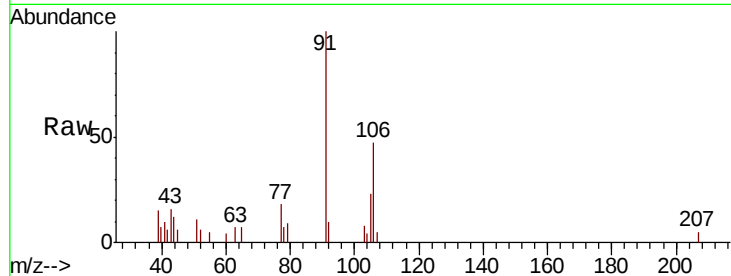




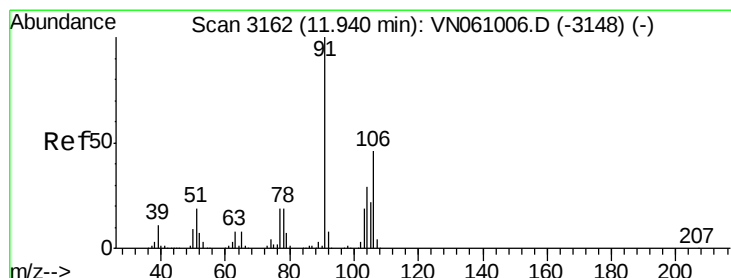
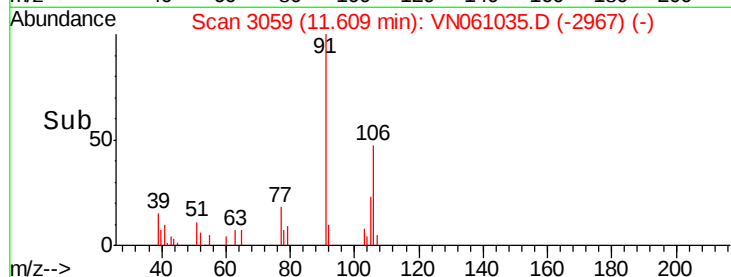
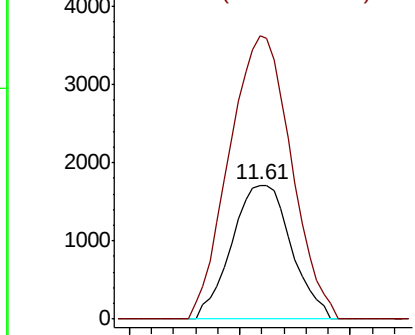
#68
m/p-Xylenes
Concen: 0.826 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion:106 Resp: 3198
Ion Ratio Lower Upper
106 100
91 220.8 167.9 251.9

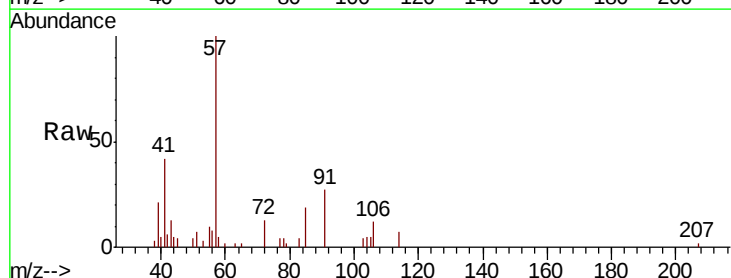


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

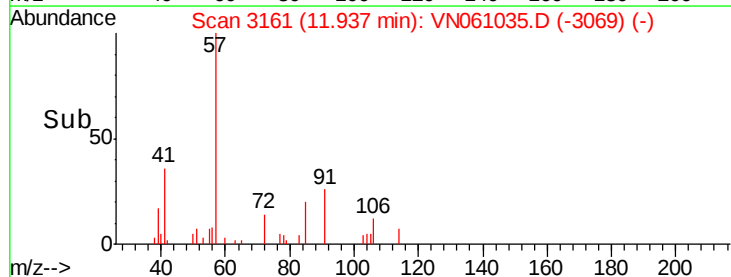
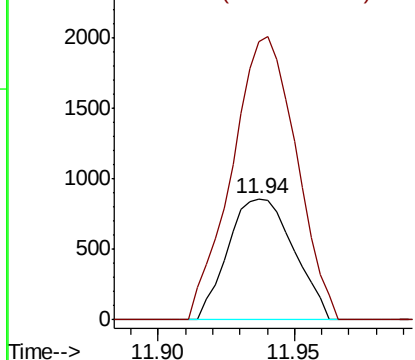


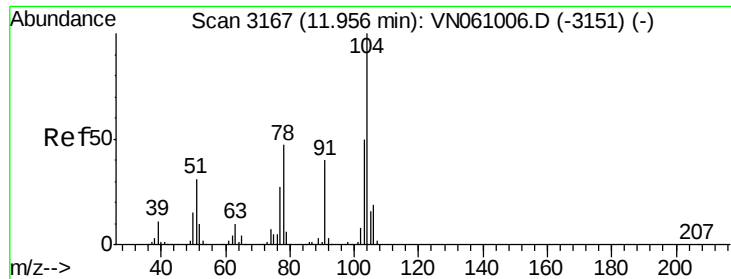
#69
o-Xylene
Concen: 0.386 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion:106 Resp: 1437
Ion Ratio Lower Upper
106 100
91 228.7 110.7 332.1



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





#70

Stvrene

Concen: 0.437 ug/l

RT: 11.95 min Scan# 3166

Delta R.T. -0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-40860-861

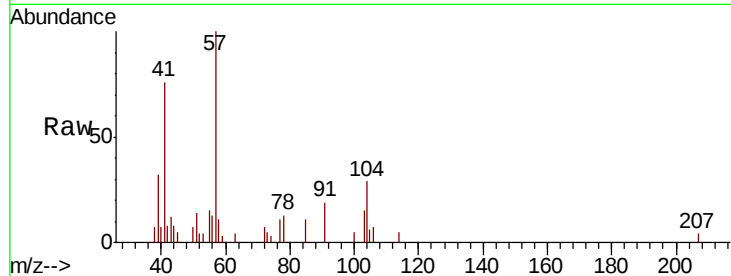
Tot Ion:104 Resp: 2619

Ion Ratio Lower Upper

104 100

78 51.5 42.2 63.4

103 52.8 44.4 66.6

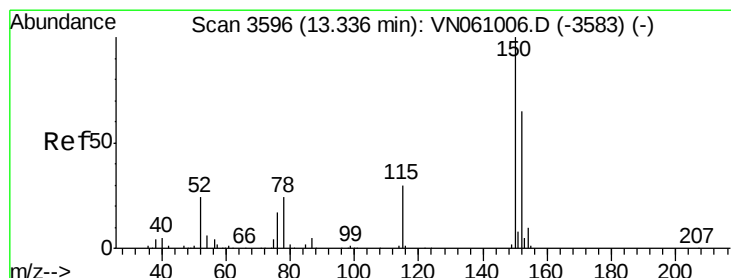
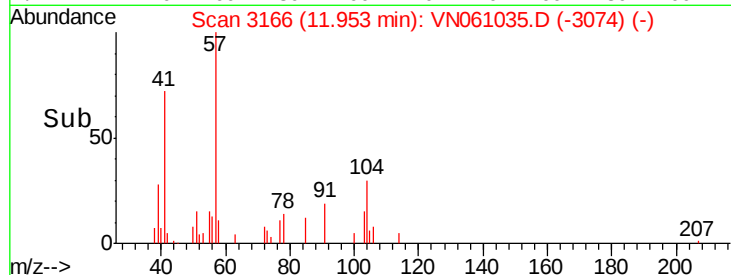
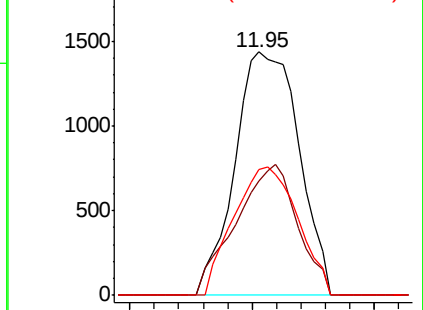


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

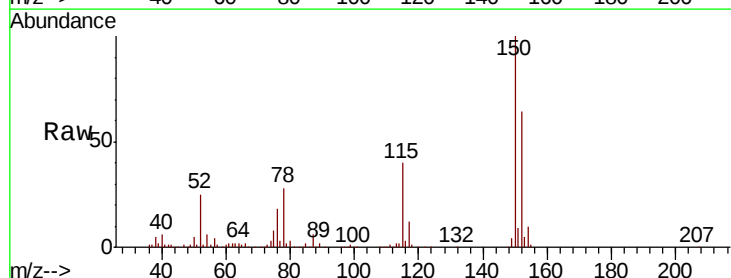
Tgt Ion:152 Resp: 127559

Ion Ratio Lower Upper

152 100

115 61.8 30.8 92.4

150 158.1 0.0 349.0

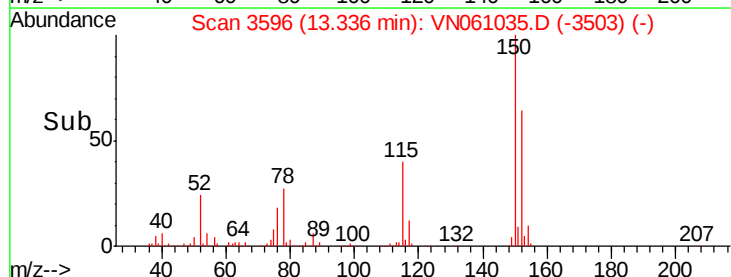
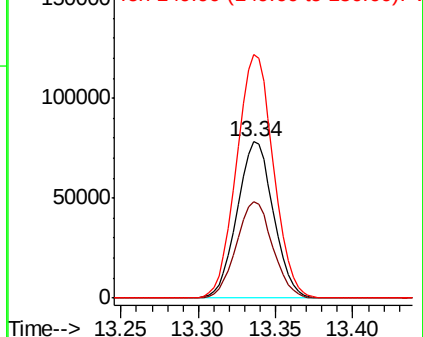


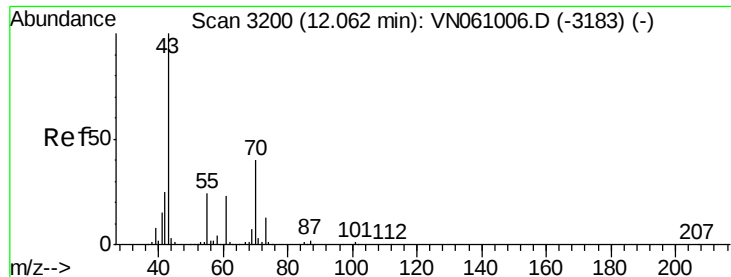
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 5.803 ug/l

RT: 11.99 min Scan# 3177

Delta R.T. -0.07 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-40860-861

Tot Ion: 43 Resp: 27579

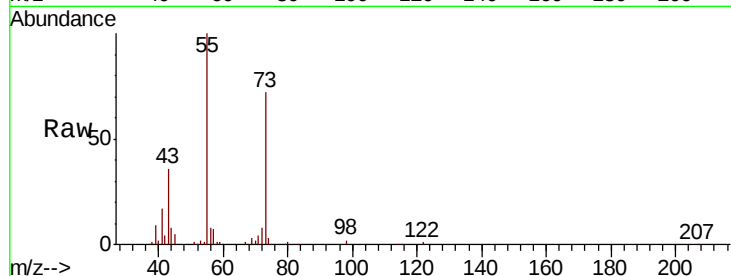
Ion Ratio Lower Upper

43 100

70 3.7 31.0 46.6#

55 254.6 18.6 27.8#

61 0.0 18.2 27.4#

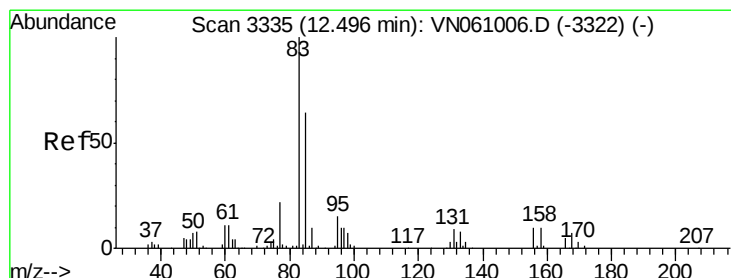
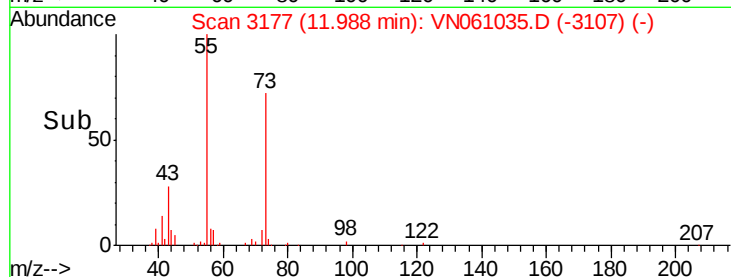
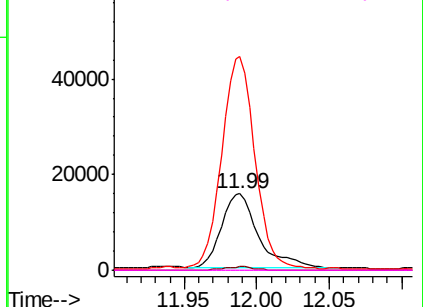


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.311 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.05 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

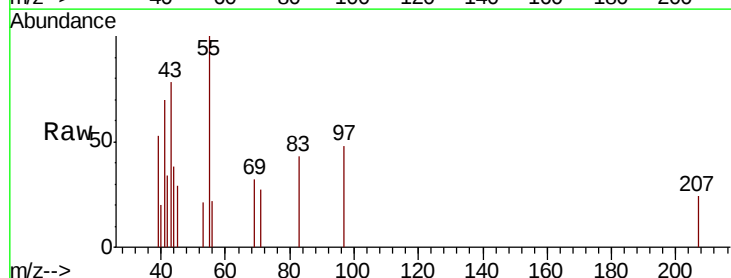
Tgt Ion: 83 Resp: 969

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

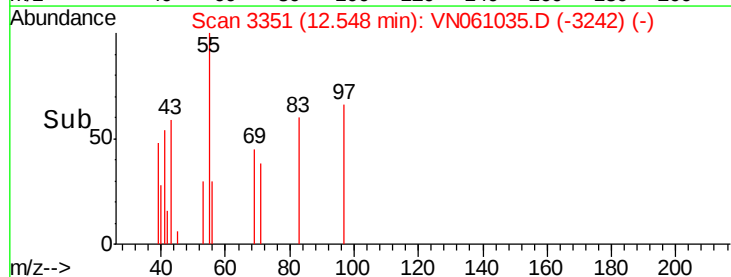
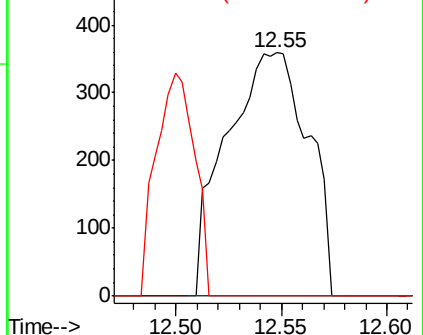
85 0.0 32.3 96.8#

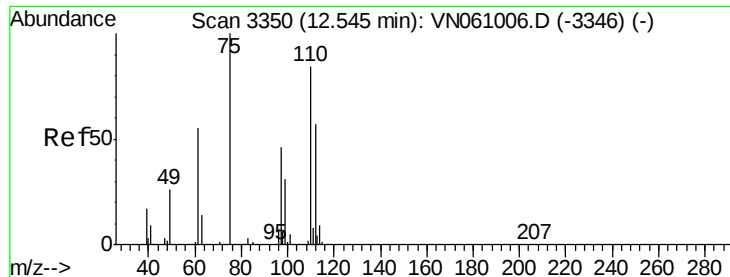


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 25.129 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

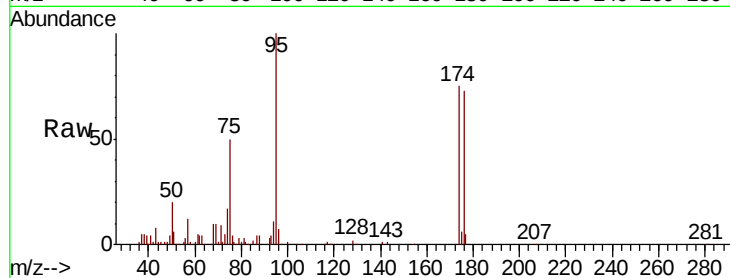
COMP-40860-861

Tot Ion: 75 Resp: 70505

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN061006.D (-3346) (-)

12.39

40000

30000

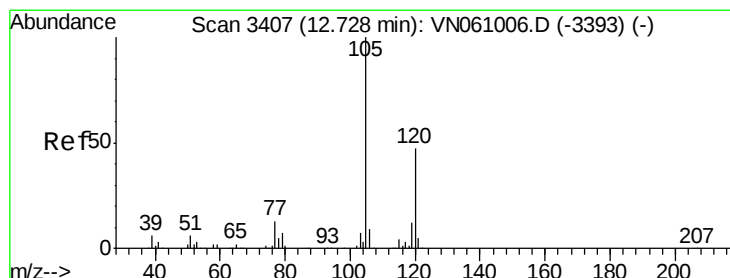
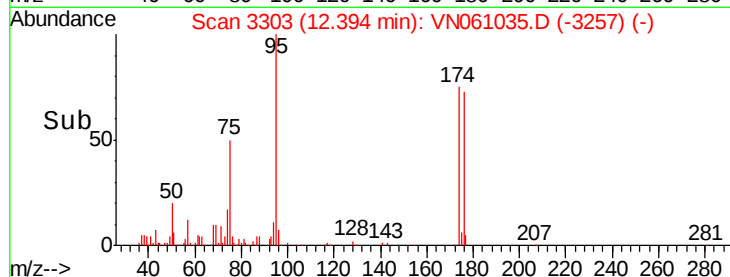
20000

10000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.263 ug/l

RT: 12.72 min Scan# 3406

Delta R.T. -0.00 min

Lab File: VN061035.D

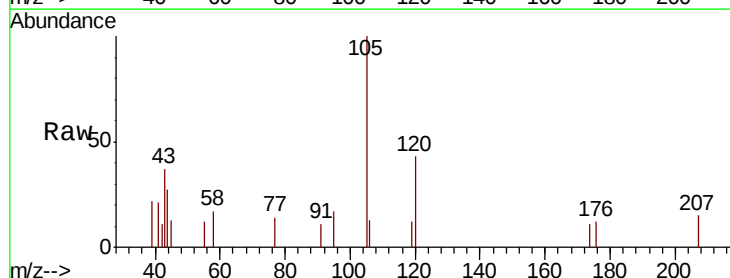
Acq: 17 Apr 2020 00:15

Tgt Ion: 105 Resp: 2218

Ion Ratio Lower Upper

105 100

120 51.8 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061006.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN061006.D (-3393) (-)

12.72

2000

1500

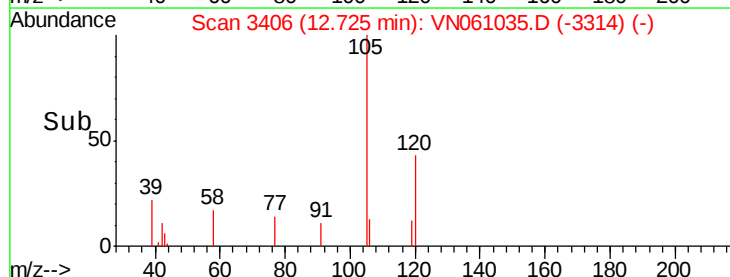
1000

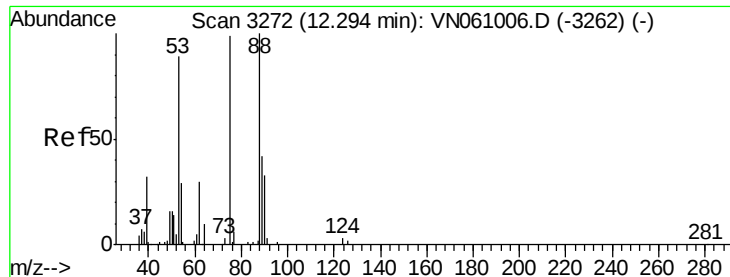
500

0

12.70 12.75

Time-->

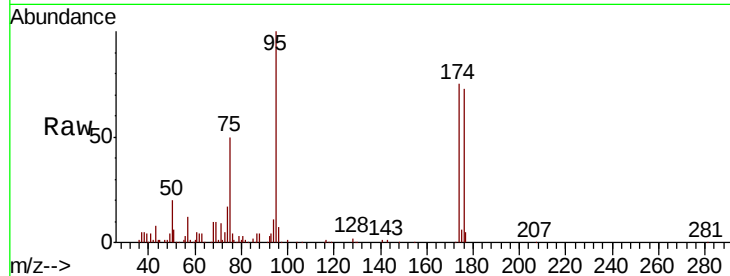




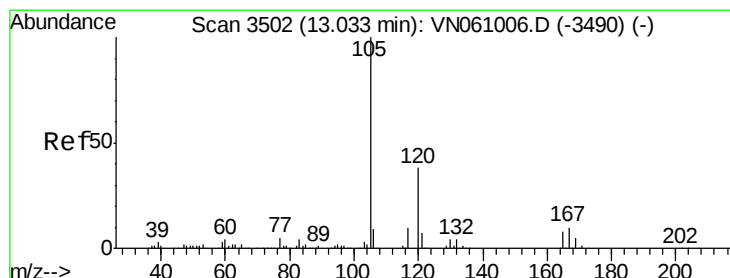
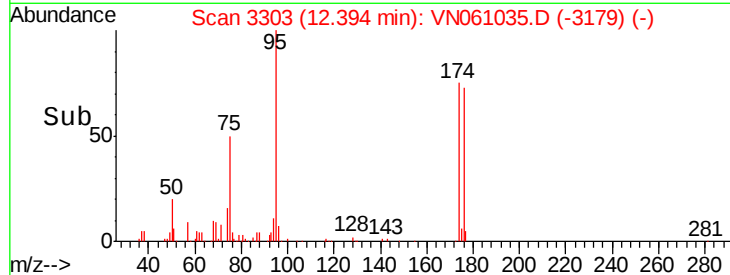
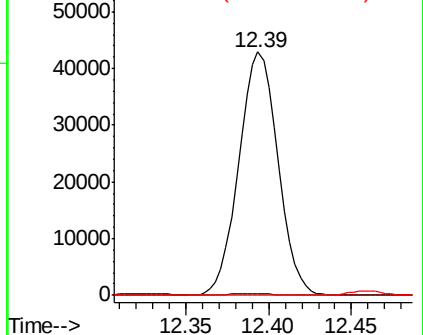
#81
trans-1,4-Dichloro-2-butene
Concen: 61.981 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.10 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-40860-861

Tot Ion: 75 Resp: 70505
Ion Ratio Lower Upper
75 100
53 0.6 74.7 112.1#
89 0.0 34.6 52.0#

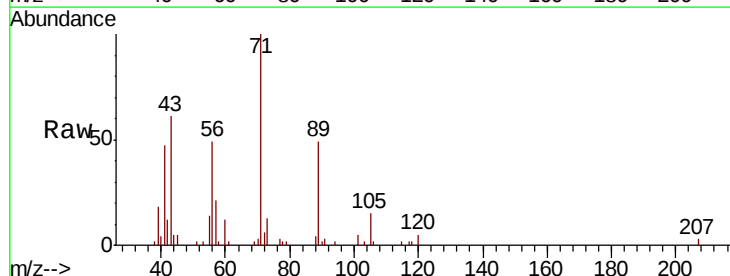


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

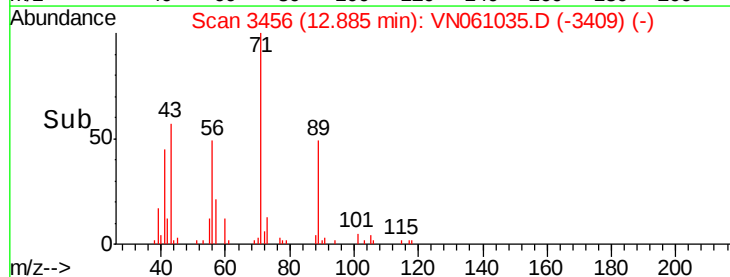
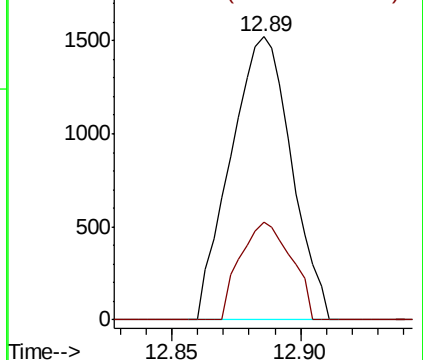


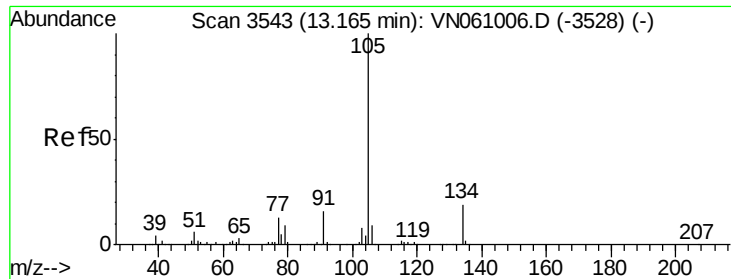
#84
1,2,4-Trimethylbenzene
Concen: 0.299 ug/l
RT: 12.89 min Scan# 3456
Delta R.T. -0.15 min
Lab File: VN061035.D
Acq: 17 Apr 2020 00:15

Tgt Ion:105 Resp: 2493
Ion Ratio Lower Upper
105 100
120 29.2 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 2.484 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

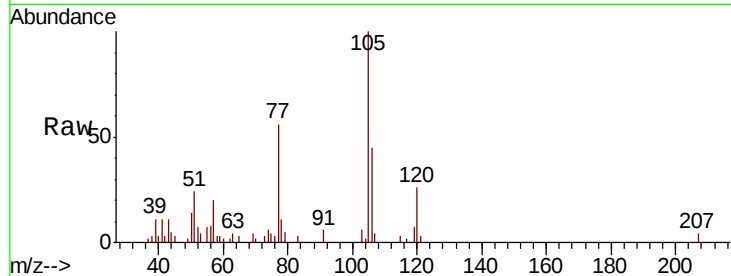
COMP-40860-861

Tot Ion:105 Resp: 23906

Ion Ratio Lower Upper

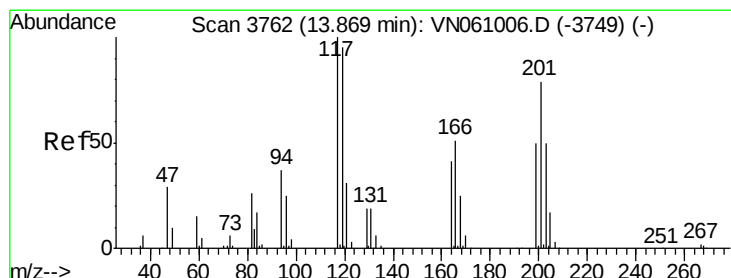
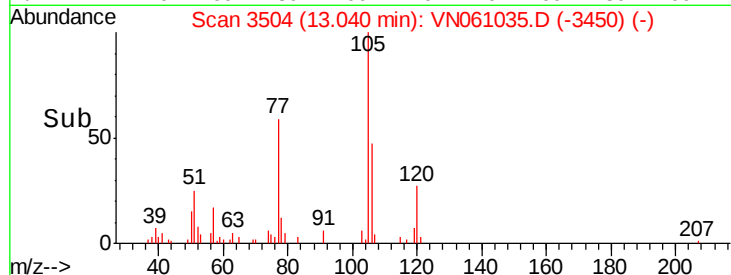
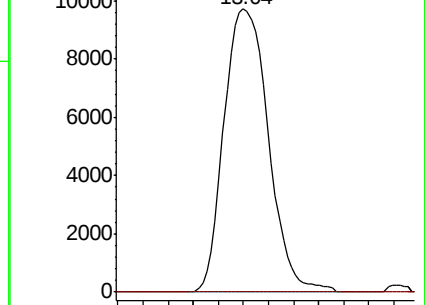
105 100

134 0.0 9.5 28.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.399 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. -0.01 min

Lab File: VN061035.D

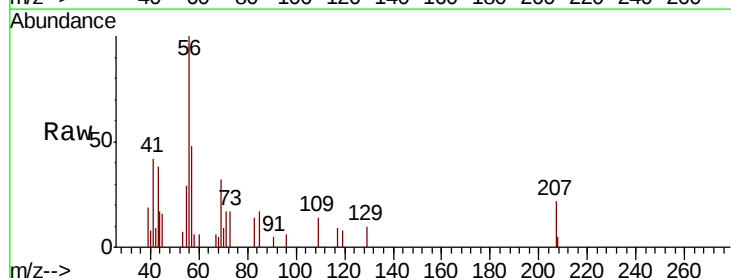
Acq: 17 Apr 2020 00:15

Tgt Ion:117 Resp: 525

Ion Ratio Lower Upper

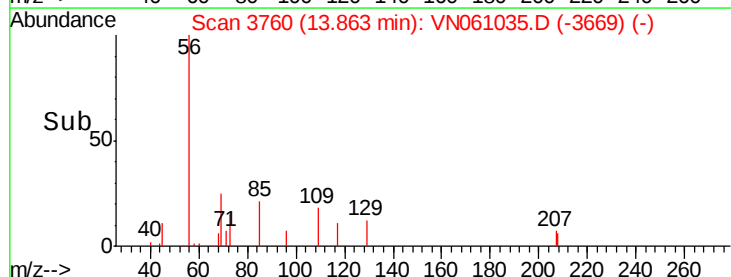
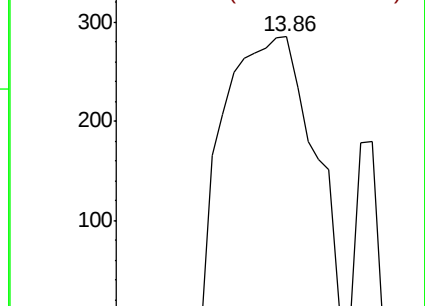
117 100

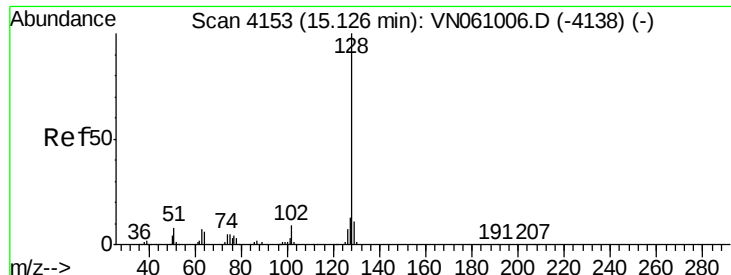
201 0.0 39.3 117.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 1.964 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061035.D

Acq: 17 Apr 2020 00:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-40860-861

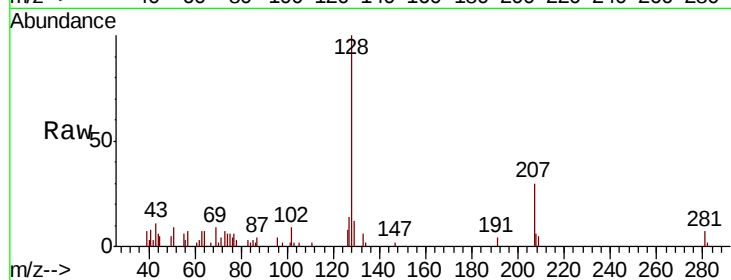
Tot Ion:128 Resp: 13757

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

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

