

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060601.D
 Acq On : 18 Mar 2020 18:42
 Operator : JC/MD
 Sample : L1946-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP

Quant Time: Mar 19 05:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	212131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	347381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	324938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152292	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	134277	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
35) Dibromofluoromethane	7.57	113	103227	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	10.08	98	429081	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	163428	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	13488	31.494	ug/l #	85
14) Allyl chloride	4.29	41	1800	0.446	ug/l #	22
16) Acetone	3.78	43	457949	443.957	ug/l	99
18) Methyl Acetate	4.29	43	103840	35.764	ug/l	98
20) Methylene Chloride	4.52	84	108639	42.814	ug/l	99
25) 2-Butanone	6.80	43	113214	67.826	ug/l	100
31) Cyclohexane	7.64	56	4205	0.897	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	16239	4.828	ug/l #	49
37) Ethyl Acetate	6.80	43	113214	31.149	ug/l #	70
38) Carbon Tetrachloride	7.64	117	20282	6.728	ug/l #	16
41) Methacrylonitrile	7.17	41	577	0.372	ug/l #	100
43) Isopropyl Acetate	7.98	43	16206	2.704	ug/l #	55
44) Trichloroethene	8.82	130	3561	1.391	ug/l	97
48) Methyl methacrylate	9.16	41	2093	0.784	ug/l #	38
49) 1,4-Dioxane	9.18	88	404	12.736	ug/l #	20
51) 4-Methyl-2-Pentanone	9.97	43	48996	14.364	ug/l	99
52) Toluene	10.14	92	621173	101.292	ug/l	100
53) t-1,3-Dichloropropene	10.14	75	7118	1.841	ug/l #	1
59) 2-Hexanone	10.74	43	6909	2.812	ug/l	84
67) Ethyl Benzene	11.50	91	43379	3.621	ug/l	99
68) m/p-Xylenes	11.61	106	90761	20.389	ug/l	100
69) o-Xylene	11.94	106	45686	10.751	ug/l	98
70) Styrene	11.96	104	15079	2.170	ug/l #	61
71) Bromoform	12.09	173	102	1.731	ug/l #	29
74) N-amyl acetate	12.02	43	13629	2.581	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	82386	25.071	ug/l #	100
77) Bromobenzene	12.54	156	34691	12.597	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	3826	0.394	ug/l	83
81) trans-1,4-Dichloro-2-buten	12.40	75	82386	64.389	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	6649	0.693	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.29	75	91	Below Cal	#	53
95) Naphthalene	15.13	128	8627	1.006	ug/l #	80

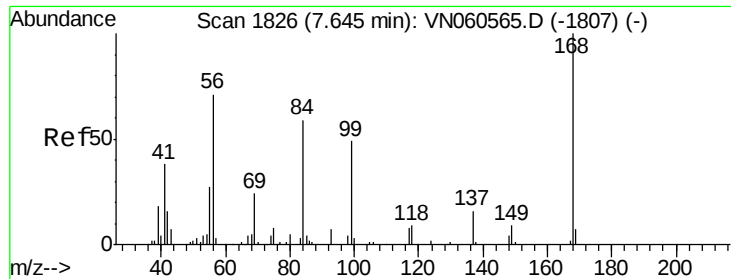
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
Data File : VN060601.D
Acq On : 18 Mar 2020 18:42
Operator : JC/MD
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Quant Time: Mar 19 05:02:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

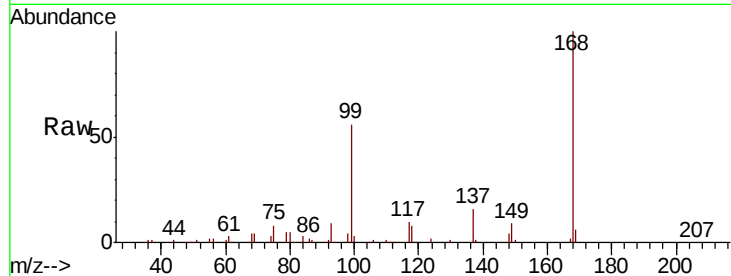
Instrument :
MSVOA_N
ClientSampleId :
COMP

Tot Ion:168 Resp: 212131

Ion Ratio Lower Upper

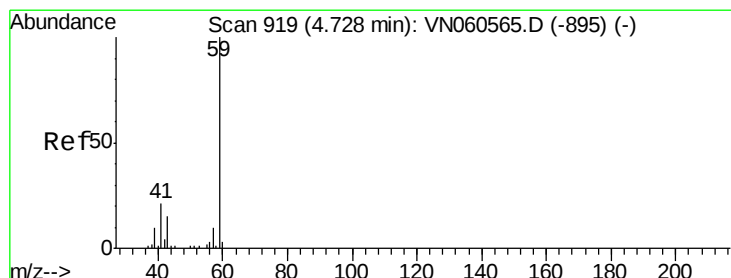
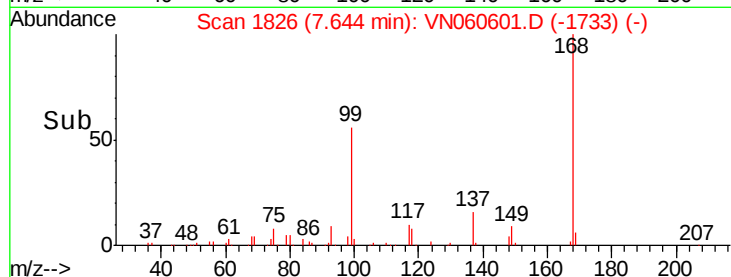
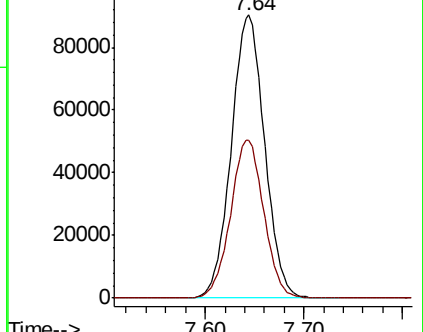
168 100

99 55.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 31.494 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN060601.D

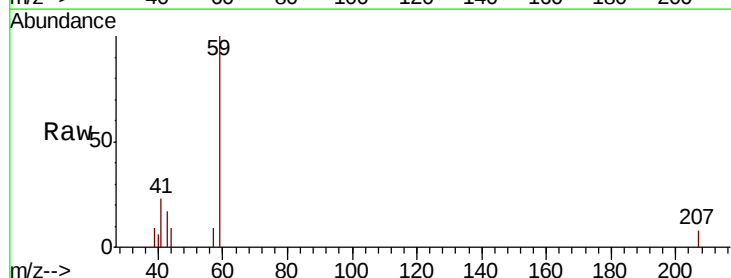
Acq: 18 Mar 2020 18:42

Tgt Ion: 59 Resp: 13488

Ion Ratio Lower Upper

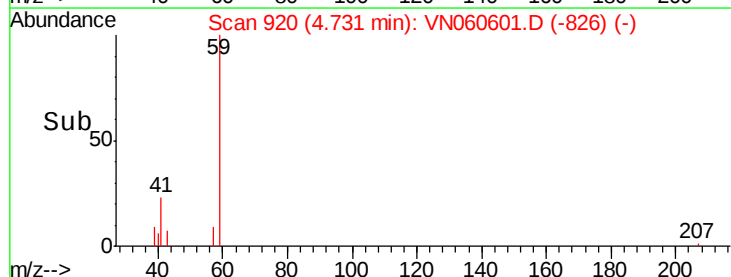
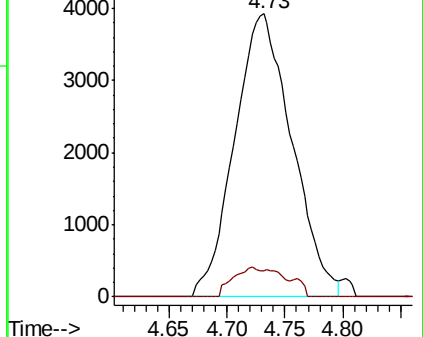
59 100

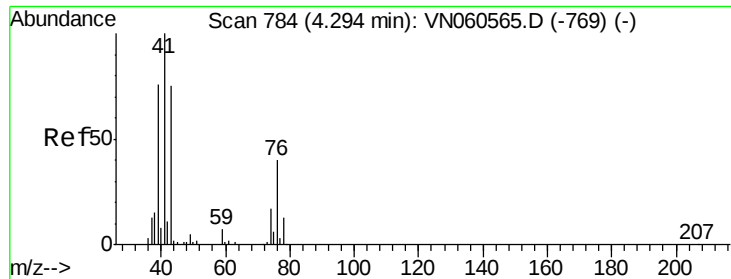
57 4.8 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

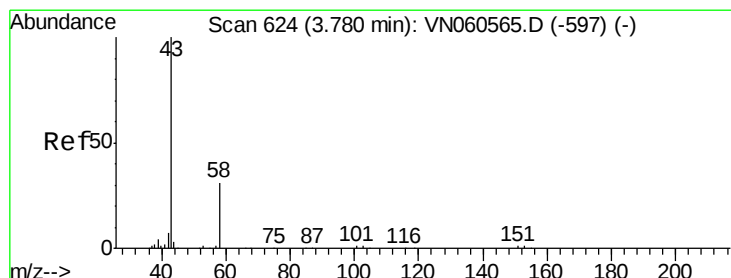
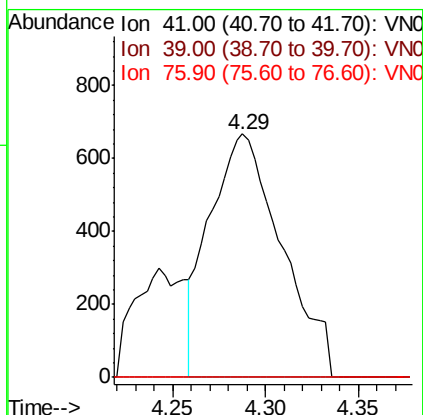
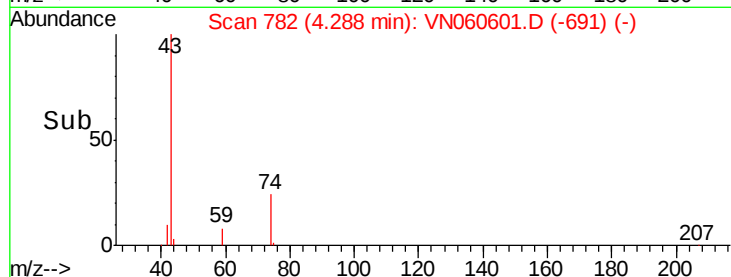
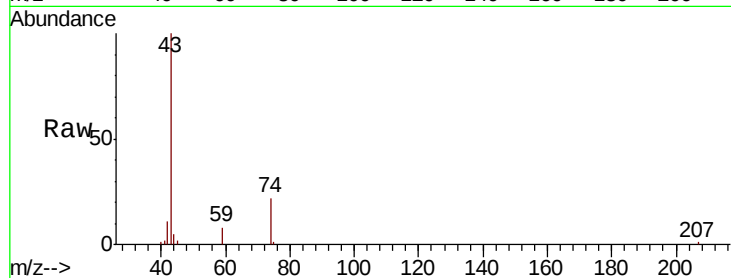




#14
Allvl chloride
Concen: 0.446 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.01 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

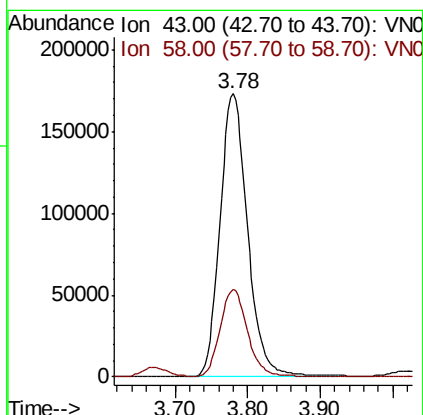
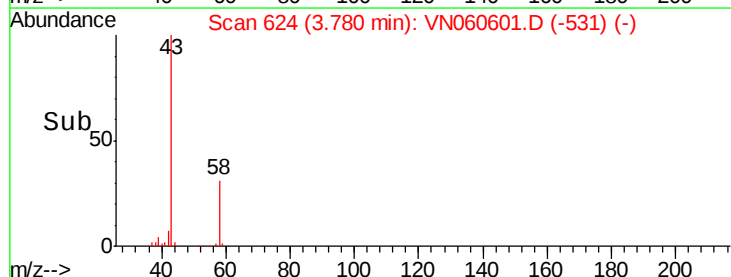
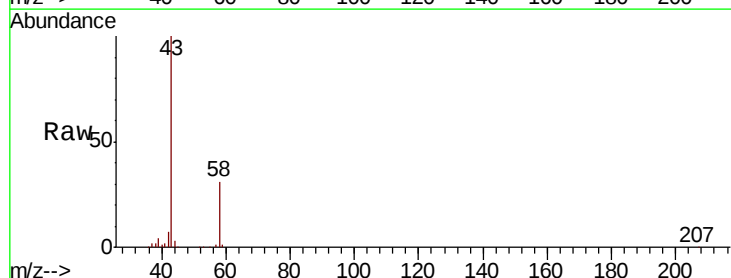
Instrument :
MSVOA_N
ClientSampled :
COMP

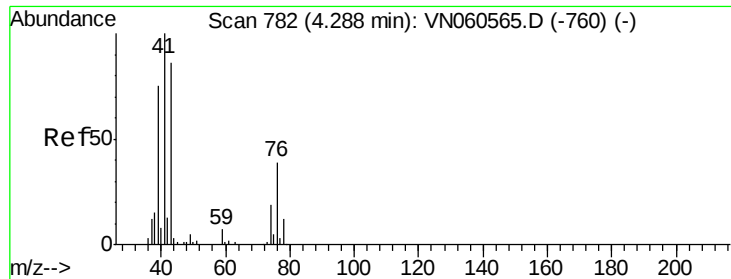
Tot Ion: 41 Resp: 1800
Ion Ratio Lower Upper
41 100
39 0.0 57.8 86.8#
76 0.0 28.6 43.0#



#16
Acetone
Concen: 443.957 ug/l
RT: 3.78 min Scan# 624
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion: 43 Resp: 457949
Ion Ratio Lower Upper
43 100
58 30.7 25.1 37.7

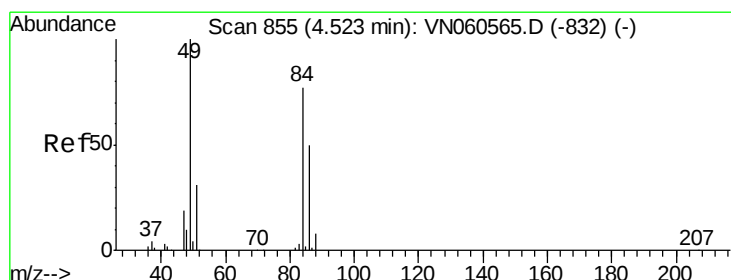
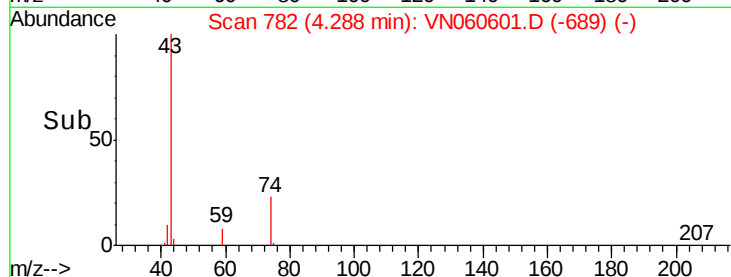
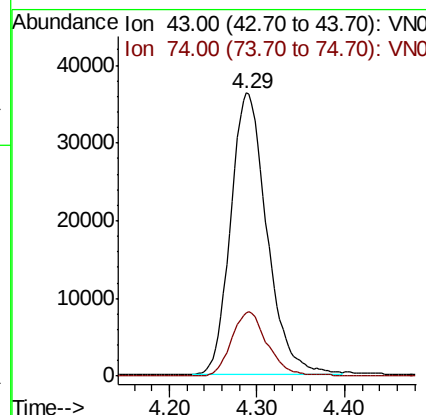
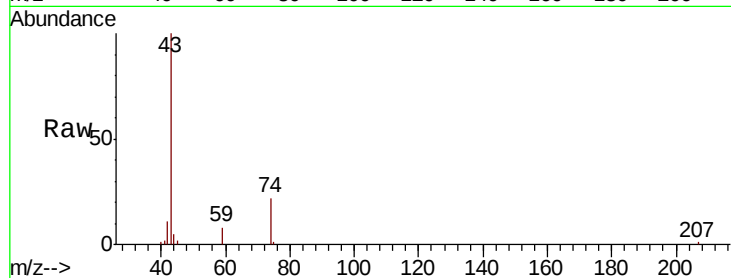




#18
Methvl Acetate
Concen: 35.764 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

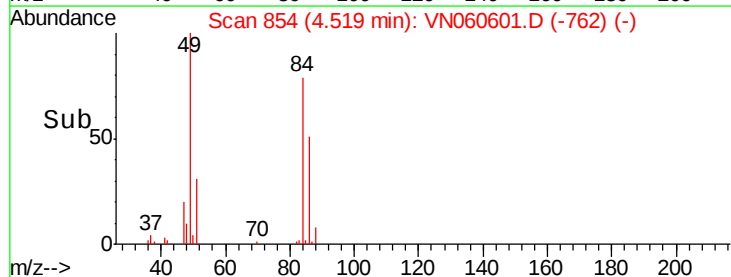
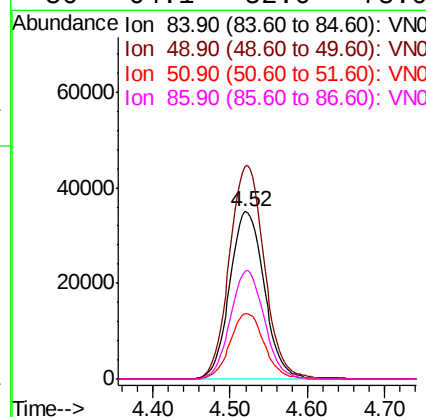
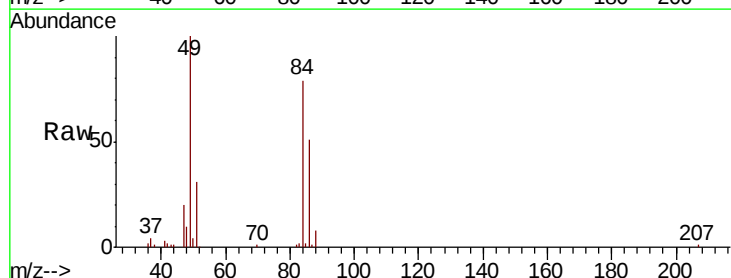
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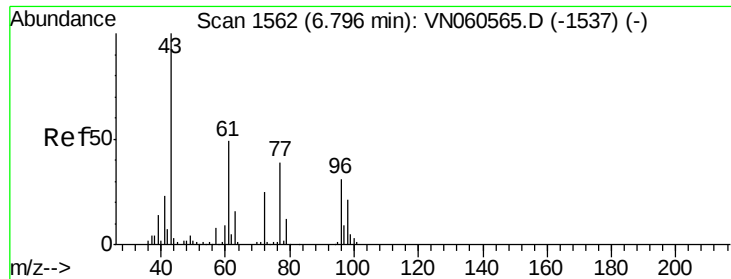
Tot Ion: 43 Resp: 103840
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3



#20
Methylene Chloride
Concen: 42.814 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion: 84 Resp: 108639
Ion Ratio Lower Upper
84 100
49 126.8 103.3 154.9
51 39.3 31.6 47.4
86 64.1 52.0 78.0

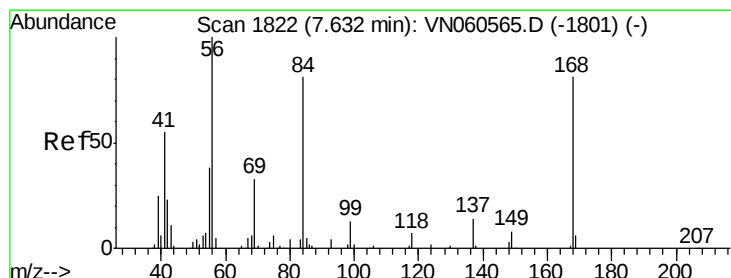
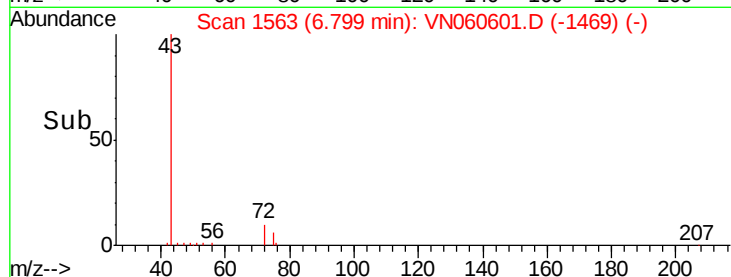
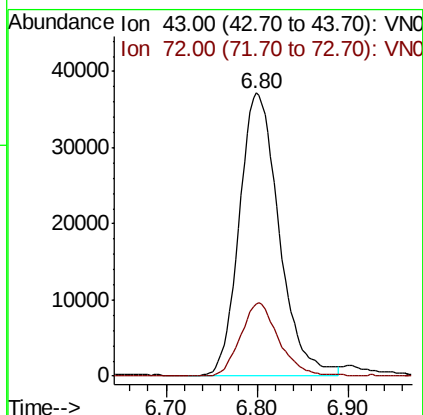
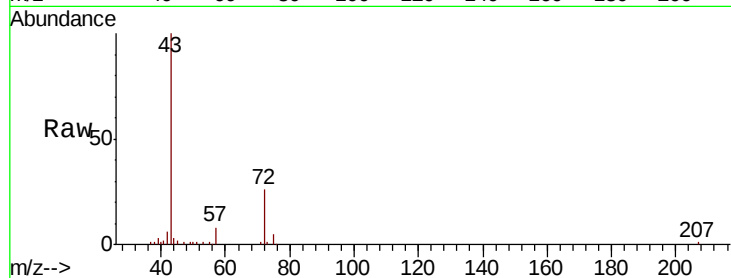




#25
2-Butanone
Concen: 67.826 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

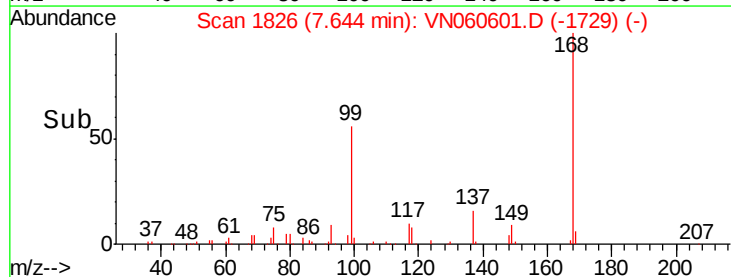
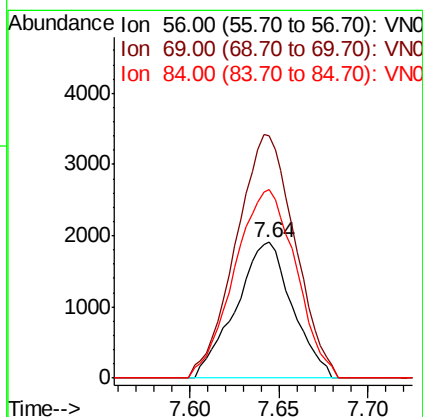
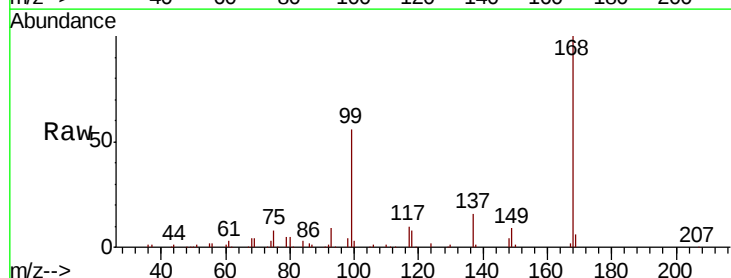
Instrument :
MSVOA_N
ClientSampleId :
COMP

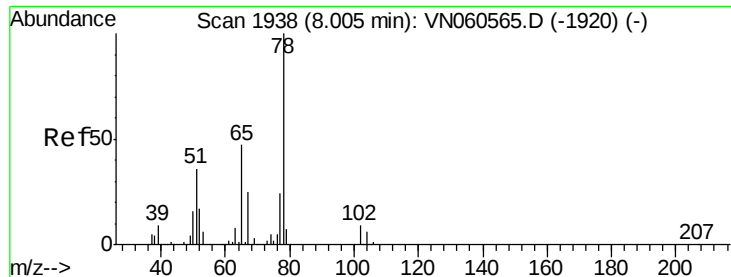
Tot Ion: 43 Resp: 113214
Ion Ratio Lower Upper
43 100
72 25.7 20.4 30.6



#31
Cyclohexane
Concen: 0.897 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion: 56 Resp: 4205
Ion Ratio Lower Upper
56 100
69 178.8 26.6 40.0#
84 138.8 64.3 96.5#

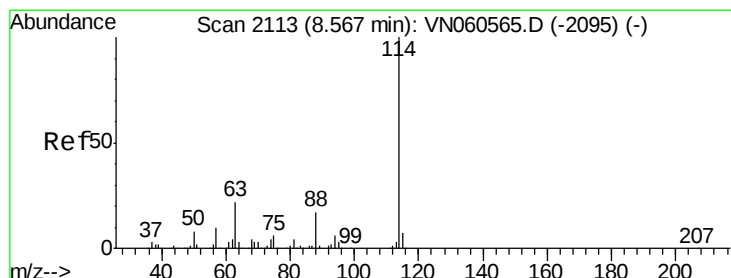
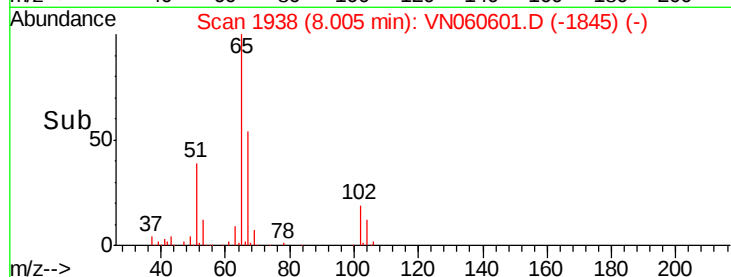
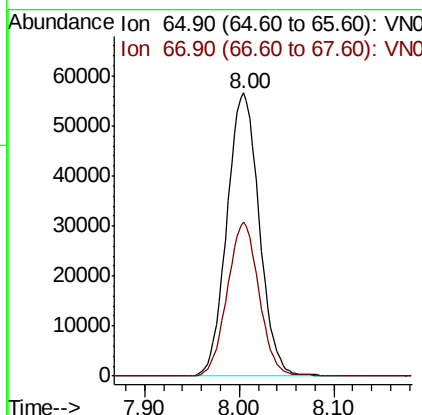
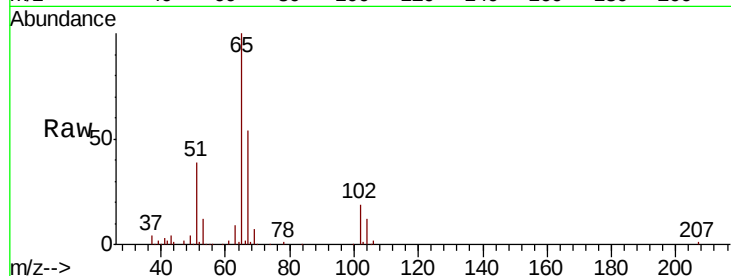




#33
 1,2-Dichloroethane-d4
 Concen: 46.110 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060601.D
 Acq: 18 Mar 2020 18:42

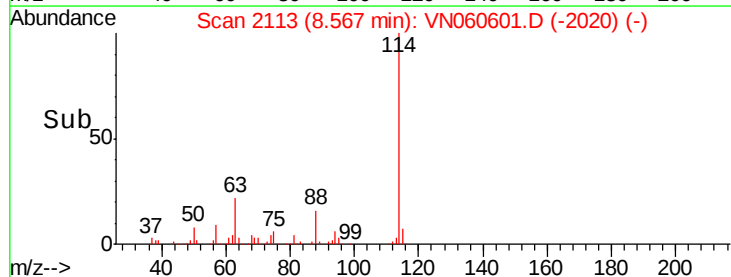
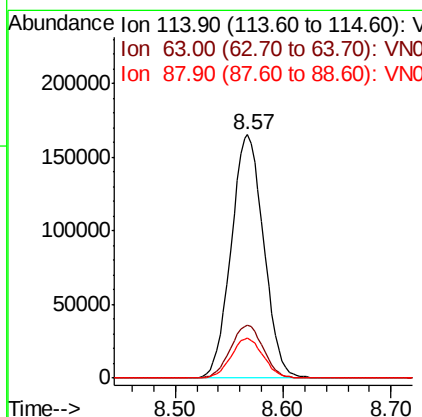
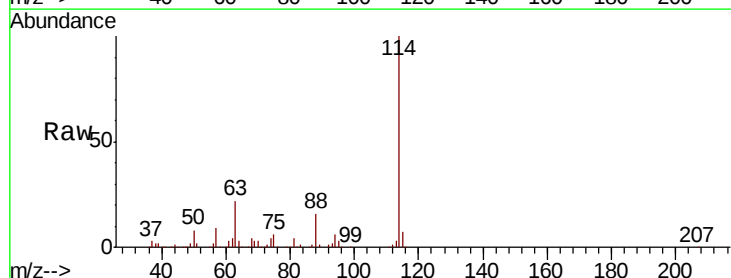
Instrument :
 MSVOA_N
 ClientSampleId :
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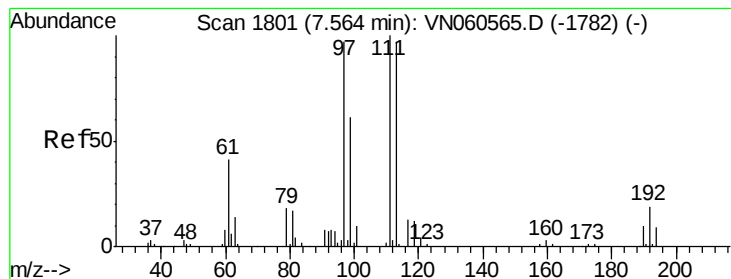
Tot Ion: 65 Resp: 134277
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060601.D
 Acq: 18 Mar 2020 18:42

Tgt Ion: 114 Resp: 347381
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.144 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampled :

COMP

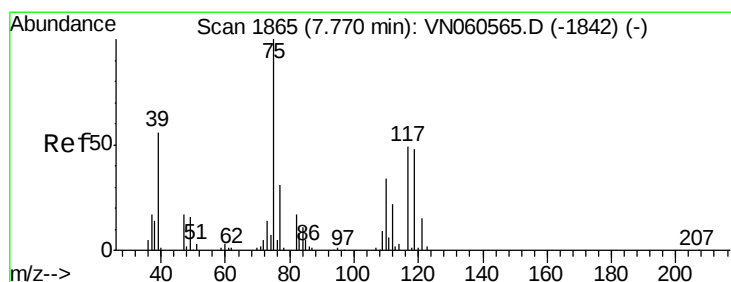
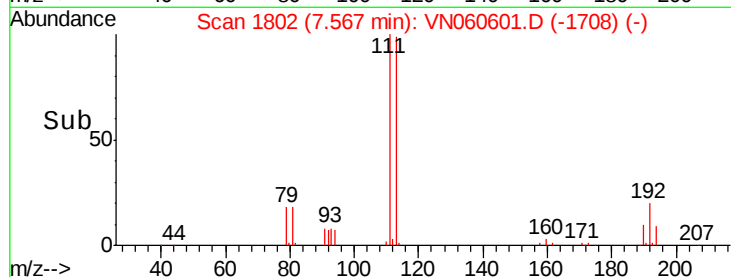
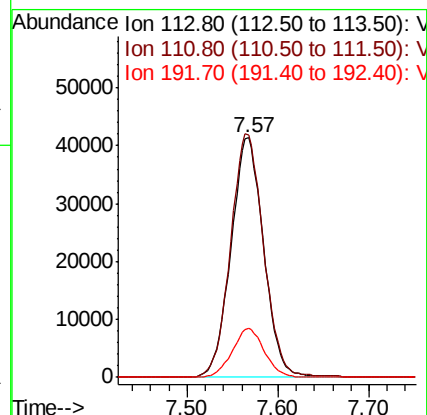
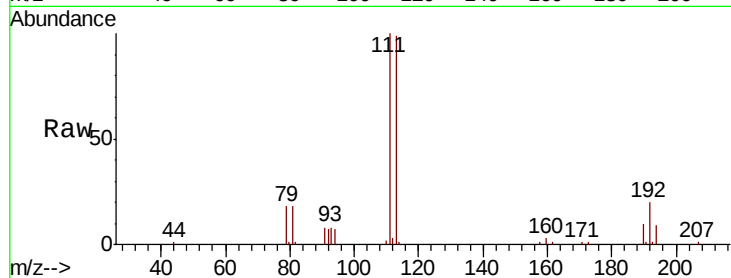
Tot Ion:113 Resp: 103227

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 19.9 15.8 23.8



#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

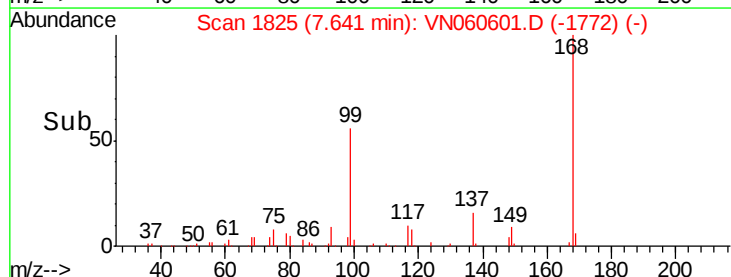
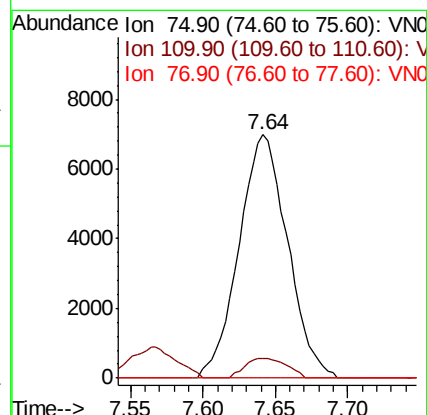
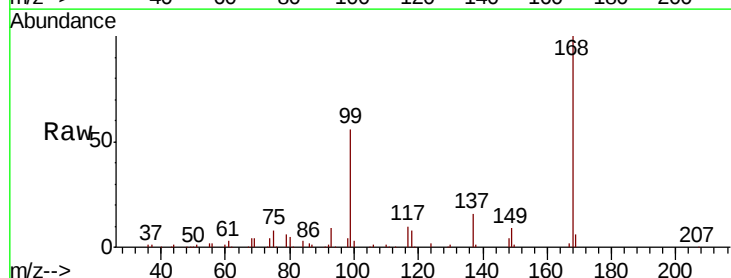
Tgt Ion: 75 Resp: 16239

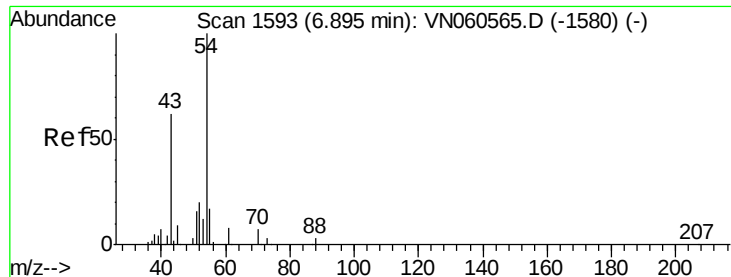
Ion Ratio Lower Upper

75 100

110 7.0 16.9 50.6#

77 0.0 24.6 36.8#

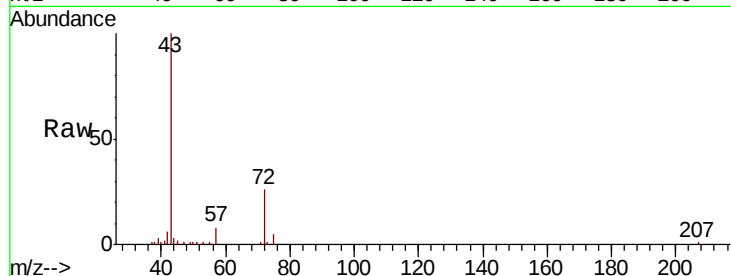




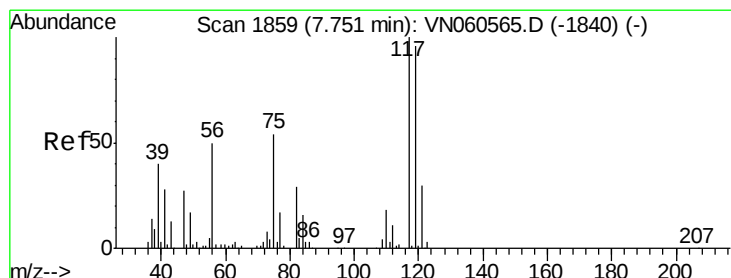
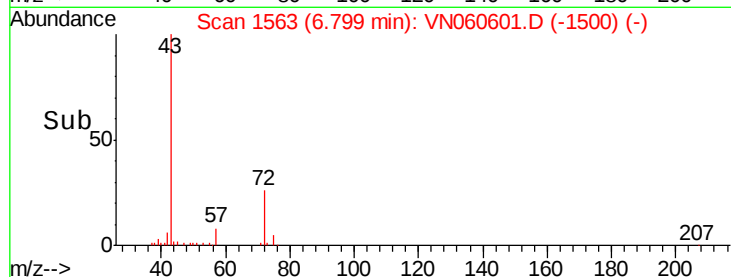
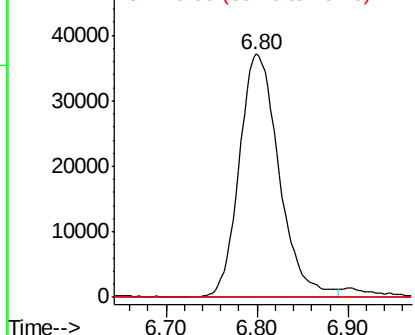
#37
Ethyl Acetate
Concen: 31.149 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tot Ion: 43 Resp: 113214
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.9 11.9#

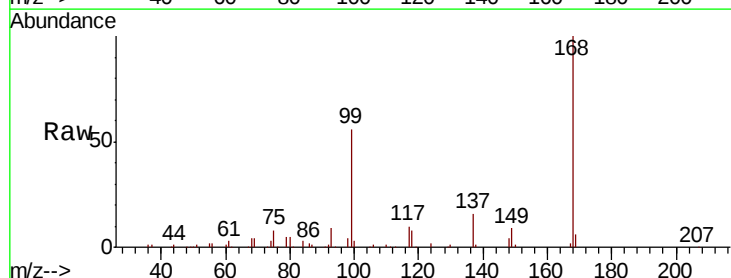


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

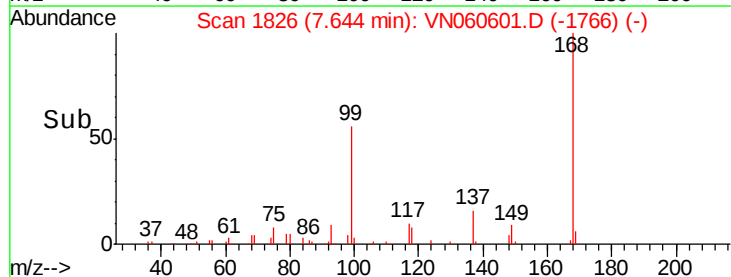
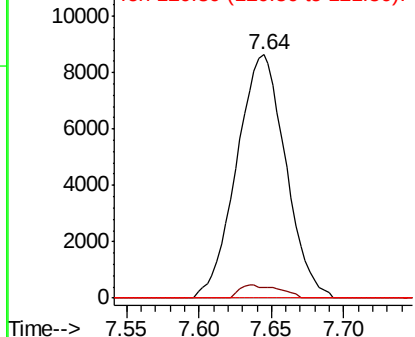


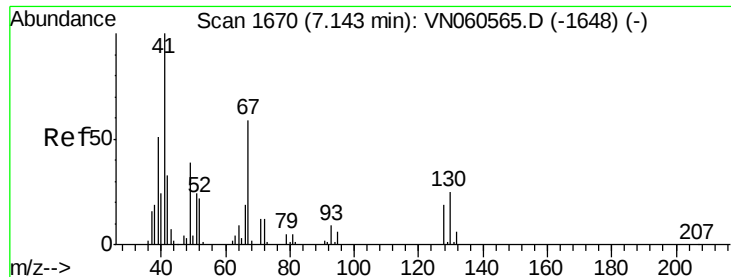
#38
Carbon Tetrachloride
Concen: 6.728 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion: 117 Resp: 20282
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 23.7 35.5#



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

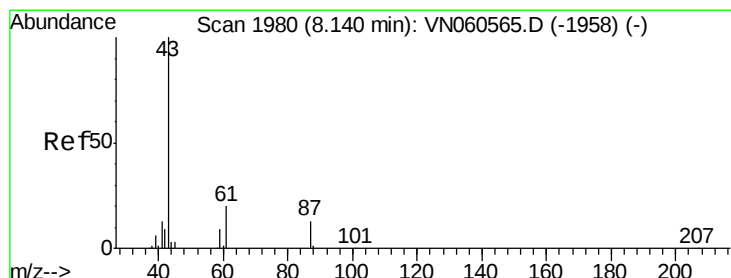
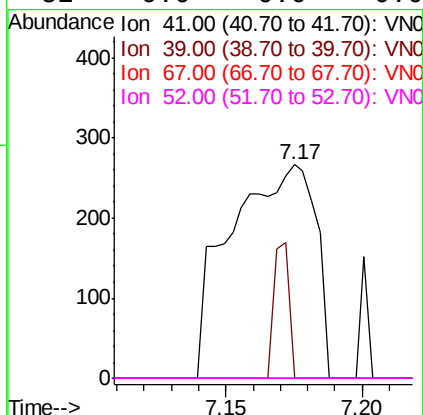
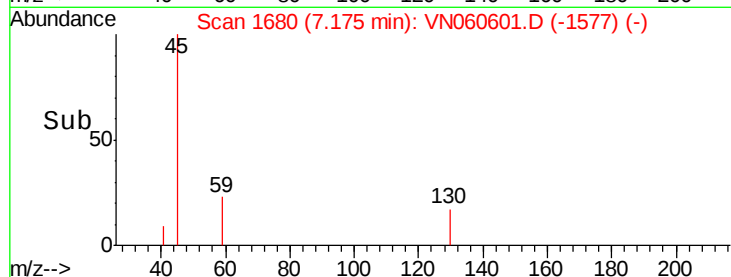
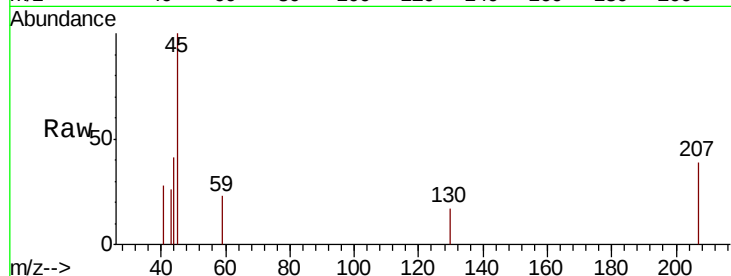




#41
Methacrylonitrile
Concen: 0.372 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

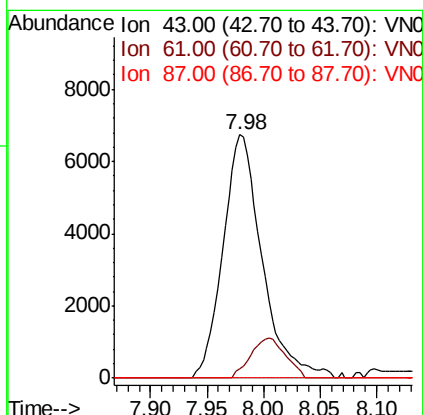
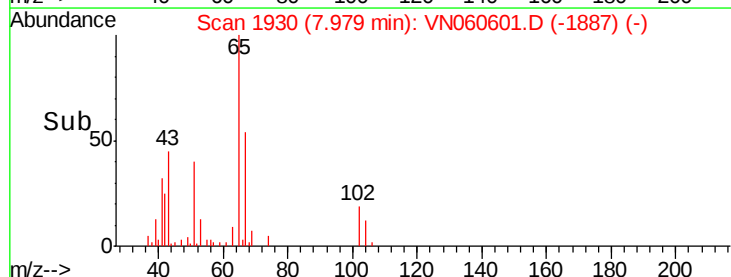
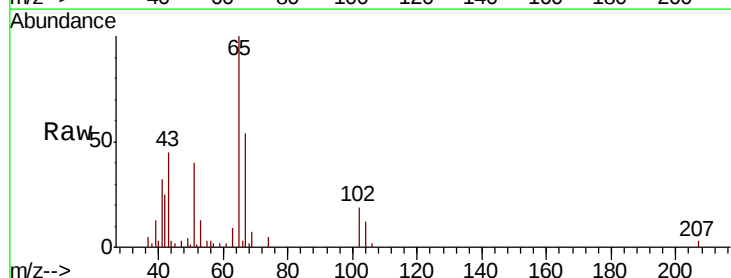
Instrument :
MSVOA_N
ClientSampled :
COMP

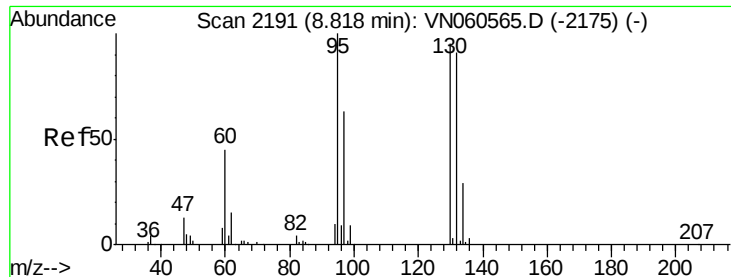
Tot Ion:	41	Resp:	577
Ion	Ratio	Lower	Upper
41	100		
39	11.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 2.704 ug/l
RT: 7.98 min Scan# 1930
Delta R.T. -0.16 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion:	43	Resp:	16206
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.7	31.1#
87	0.0	9.8	14.8#





#44

Trichloroethene

Concen: 1.391 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

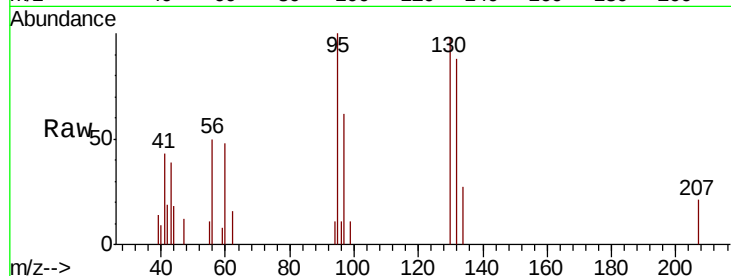
COMP

Tot Ion:130 Resp: 3561

Ion Ratio Lower Upper

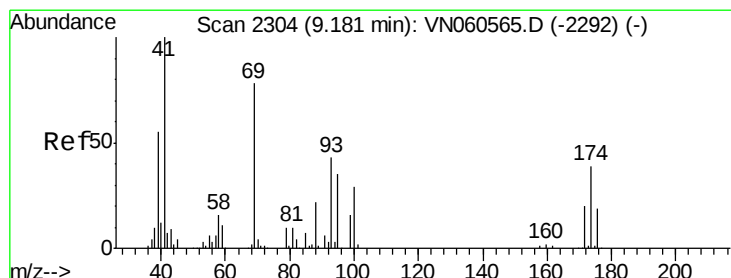
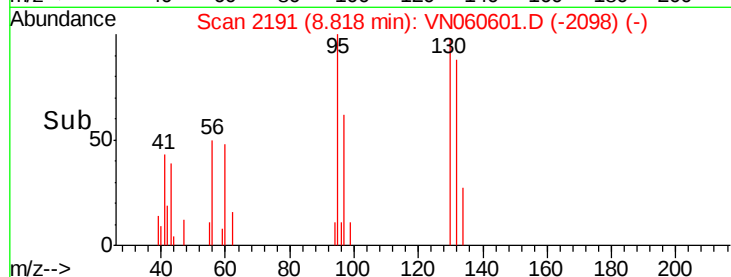
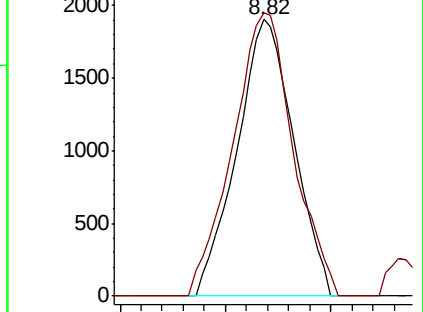
130 100

95 102.2 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060601.D (-2198) (-)

Ion 94.90 (94.60 to 95.60): VN060601.D (-2198) (-)



#48

Methyl methacrylate

Concen: 0.784 ug/l

RT: 9.16 min Scan# 2296

Delta R.T. -0.03 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

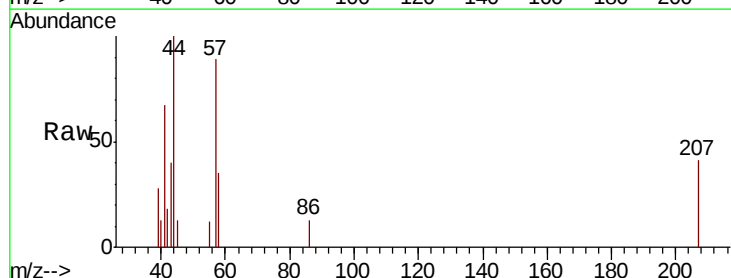
Tgt Ion: 41 Resp: 2093

Ion Ratio Lower Upper

41 100

69 0.0 65.4 98.0#

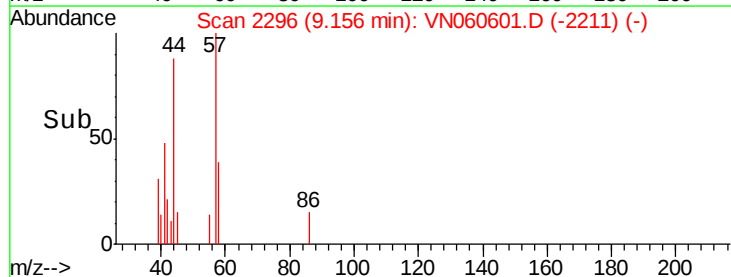
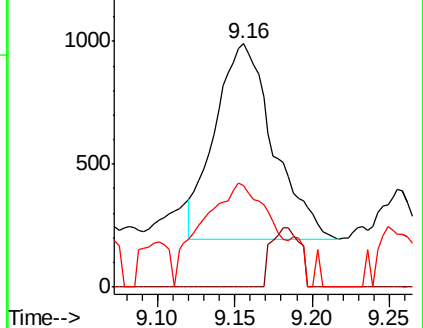
39 67.5 44.0 66.0#

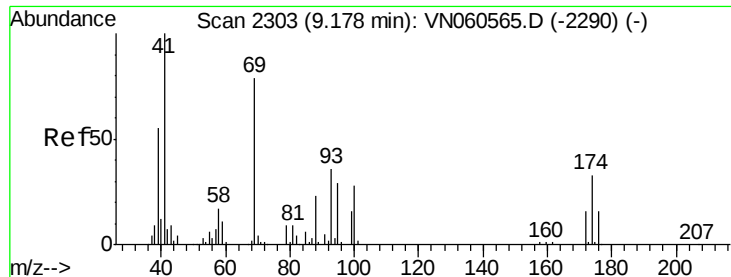


Abundance Ion 41.00 (40.70 to 41.70): VN060601.D (-2296) (-)

Ion 69.00 (68.70 to 69.70): VN060601.D (-2296) (-)

Ion 39.00 (38.70 to 39.70): VN060601.D (-2296) (-)

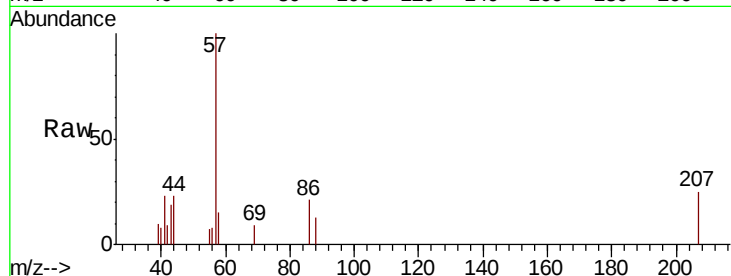




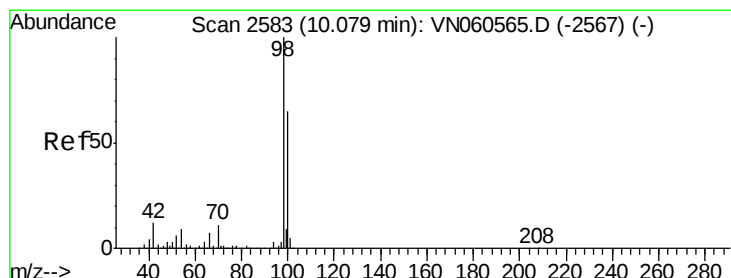
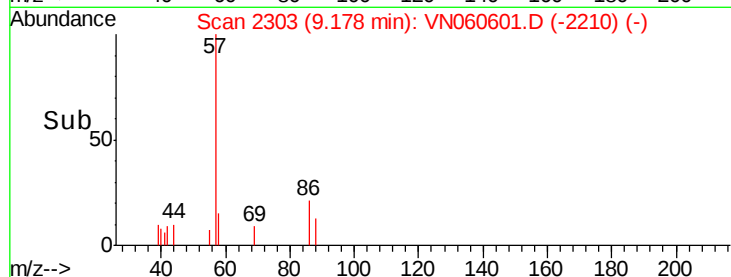
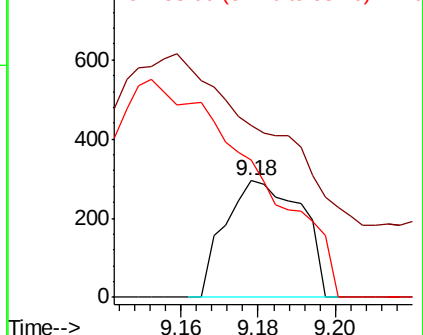
#49
1,4-Dioxane
Concen: 12.736 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Instrument :
MSVOA_N
ClientSampled :
COMP

Tot Ion: 88 Resp: 404
Ion Ratio Lower Upper
88 100
43 0.0 30.8 46.2#
58 0.0 59.8 89.8#

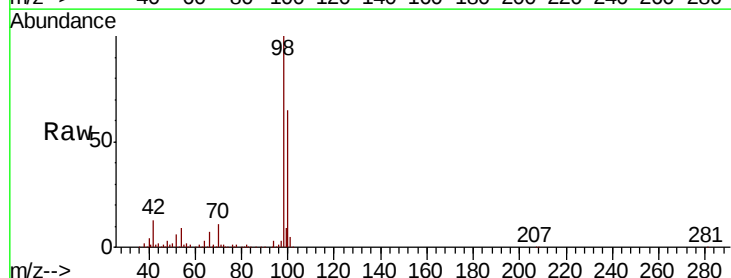


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

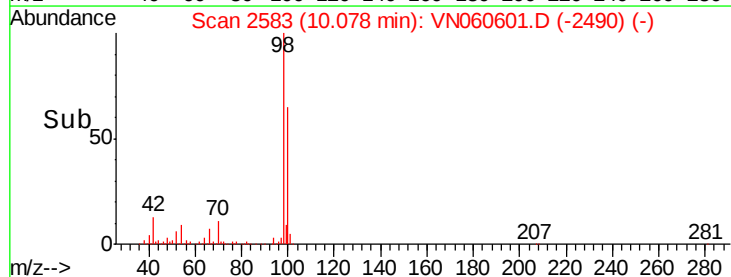
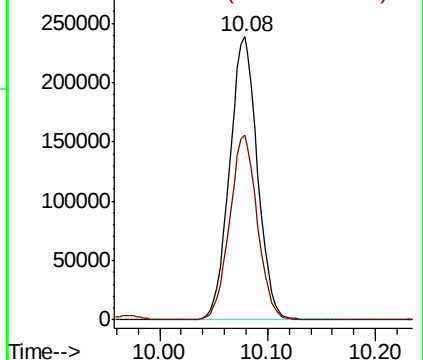


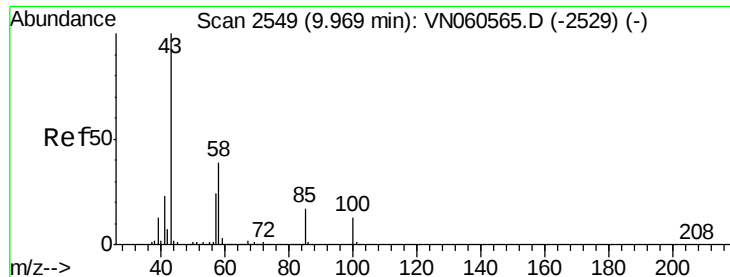
#50
Toluene-d8
Concen: 50.011 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion: 98 Resp: 429081
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



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

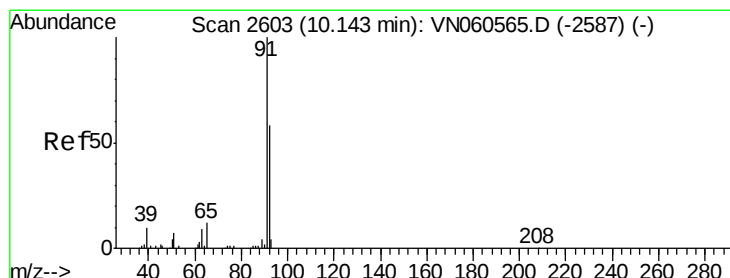
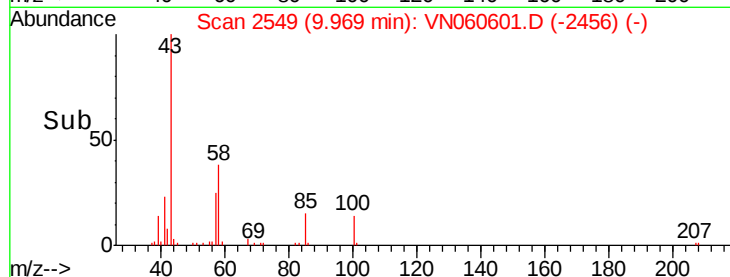
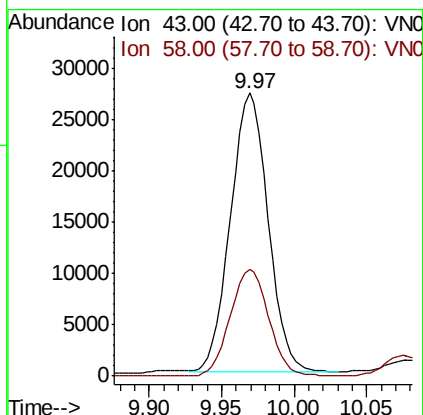
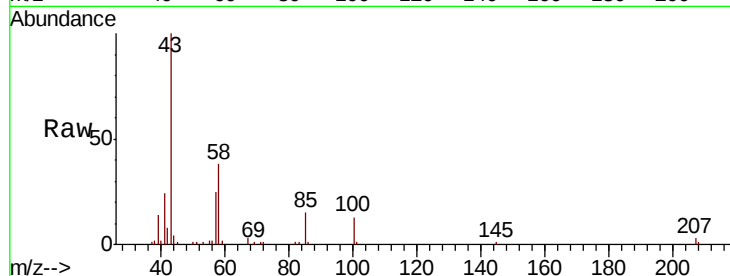




#51
4-Methyl-2-Pentanone
Concen: 14.364 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

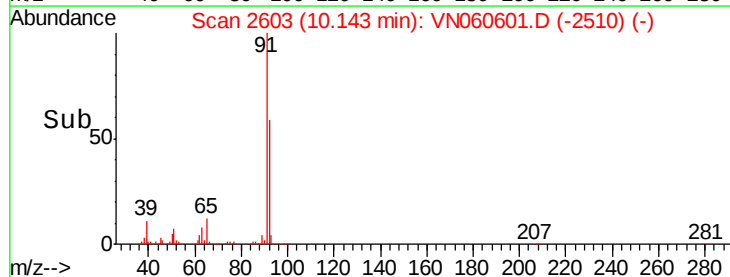
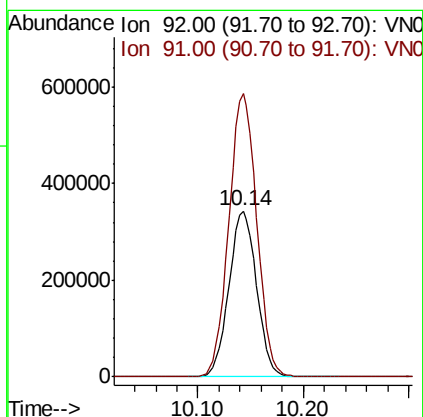
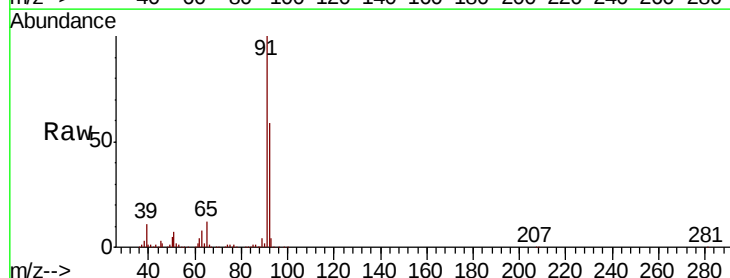
Instrument :
MSVOA_N
ClientSampled :
COMP

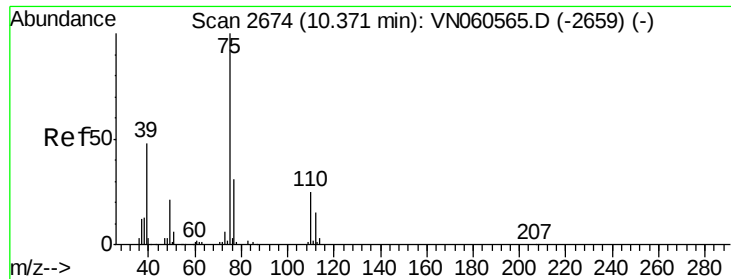
Tot Ion: 43 Resp: 48996
Ion Ratio Lower Upper
43 100
58 39.0 30.8 46.2



#52
Toluene
Concen: 101.292 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion: 92 Resp: 621173
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 1.841 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.23 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

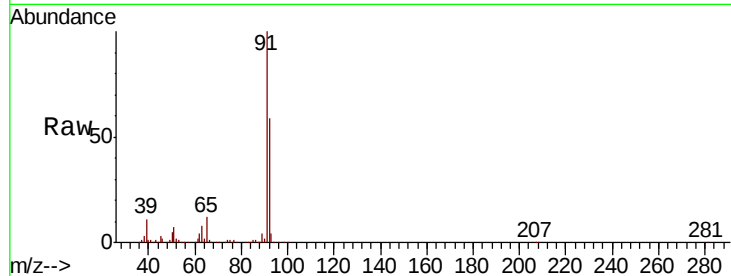
COMP

Tot Ion: 75 Resp: 7118

Ion Ratio Lower Upper

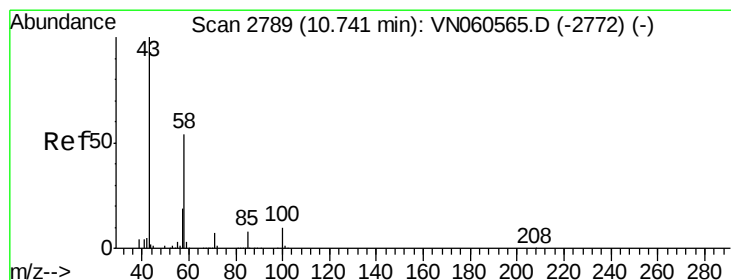
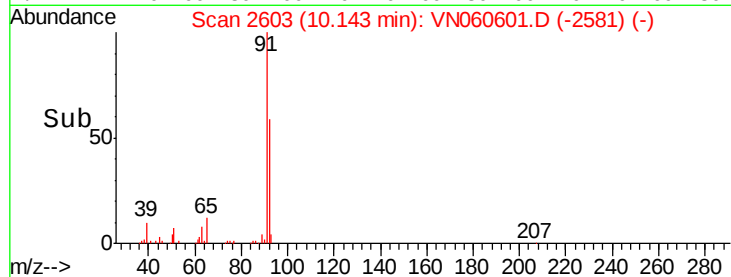
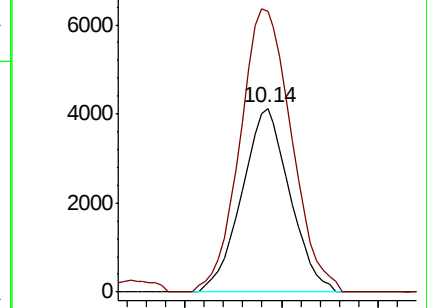
75 100

77 152.4 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN060601.D (-2659) (-)

Ion 76.90 (76.60 to 77.60): VN060601.D (-2659) (-)



#59

2-Hexanone

Concen: 2.812 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. -0.00 min

Lab File: VN060601.D

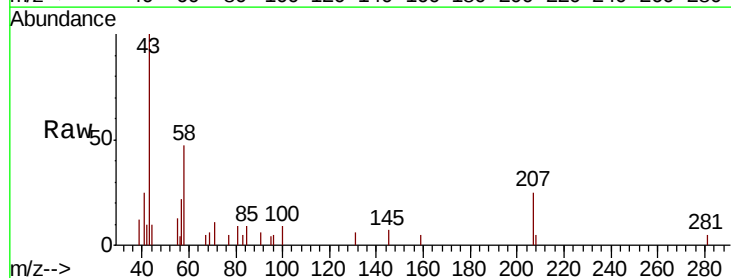
Acq: 18 Mar 2020 18:42

Tgt Ion: 43 Resp: 6909

Ion Ratio Lower Upper

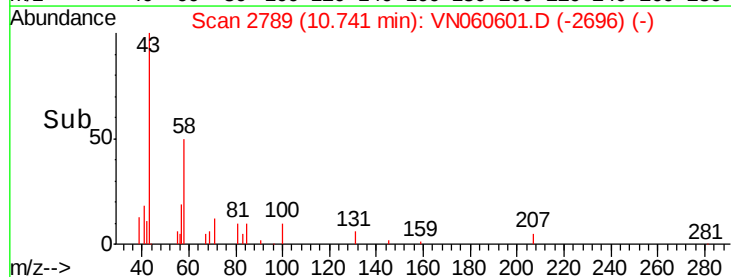
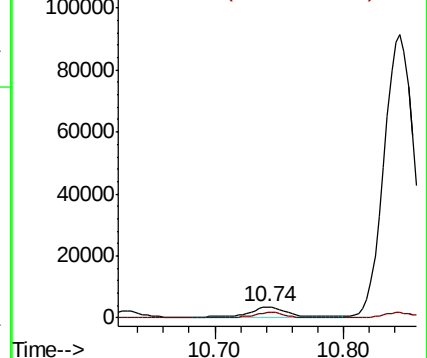
43 100

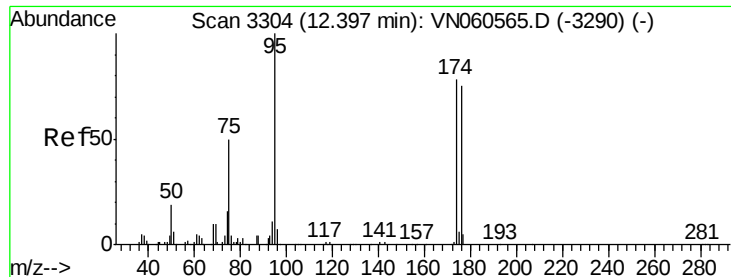
58 42.4 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VN060601.D (-2696) (-)

Ion 58.00 (57.70 to 58.70): VN060601.D (-2696) (-)





#62

4-Bromofluorobenzene

Concen: 51.975 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

COMP

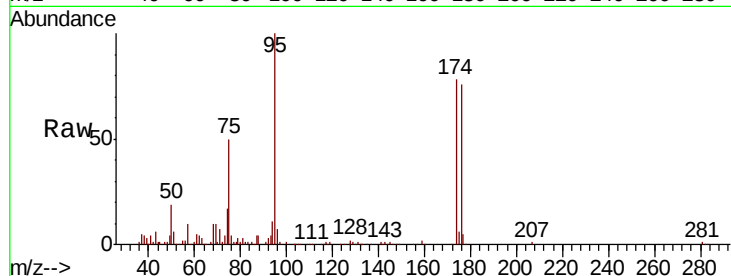
Tot Ion: 95 Resp: 163428

Ion Ratio Lower Upper

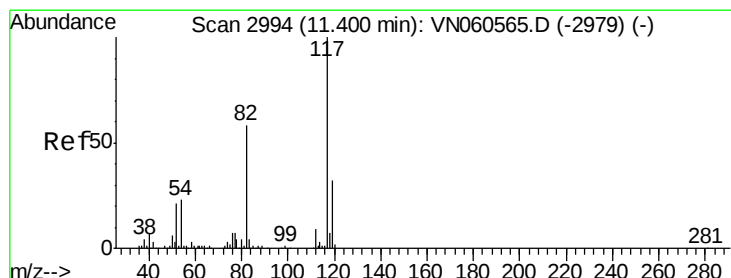
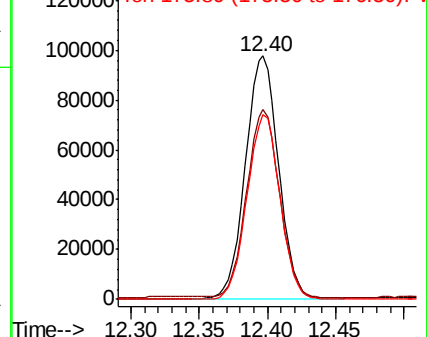
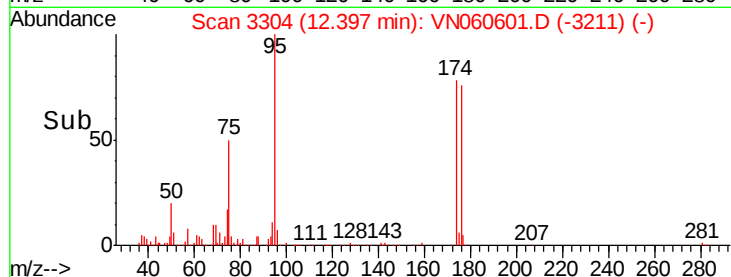
95 100

174 77.9 0.0 157.6

176 75.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060601.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

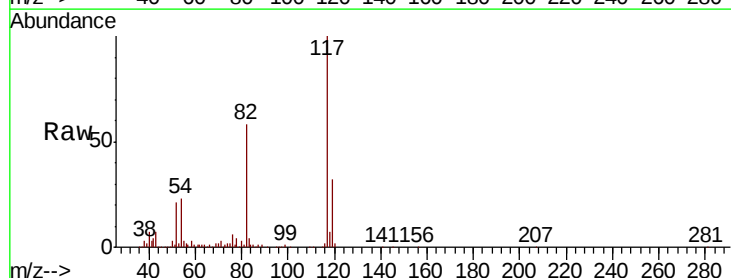
Tgt Ion: 117 Resp: 324938

Ion Ratio Lower Upper

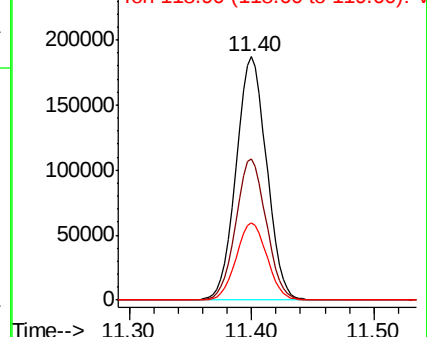
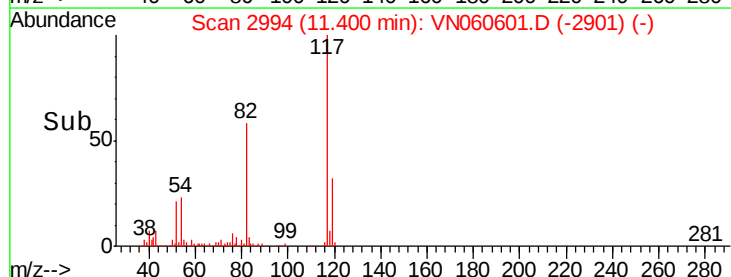
117 100

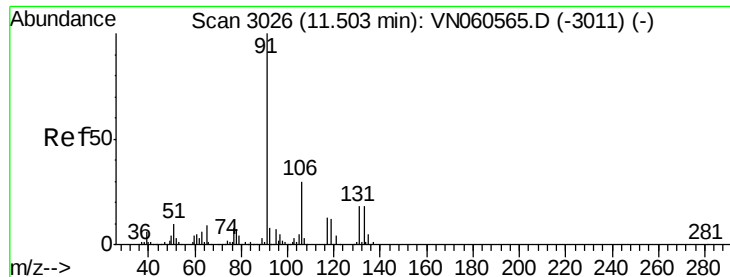
82 58.1 46.7 70.1

119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060601.D (-2901) (-)





#67

Ethyl Benzene

Concen: 3.621 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

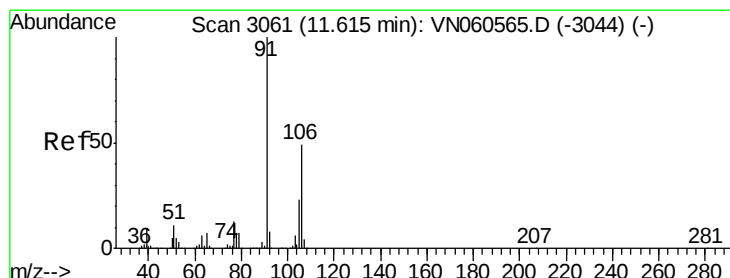
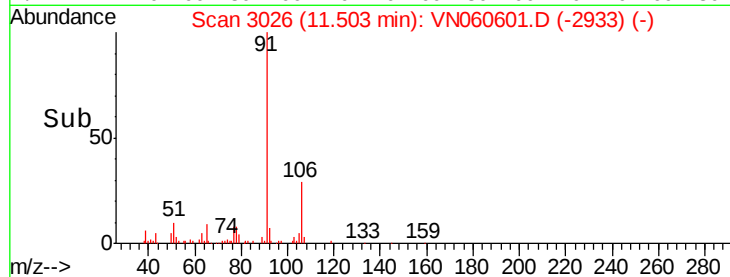
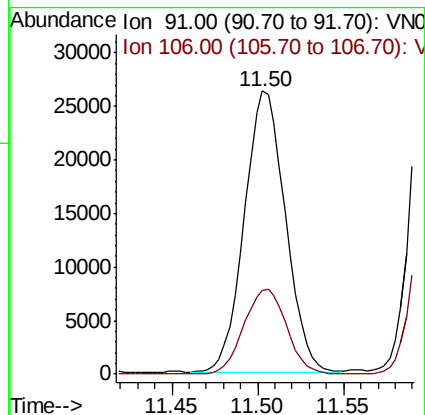
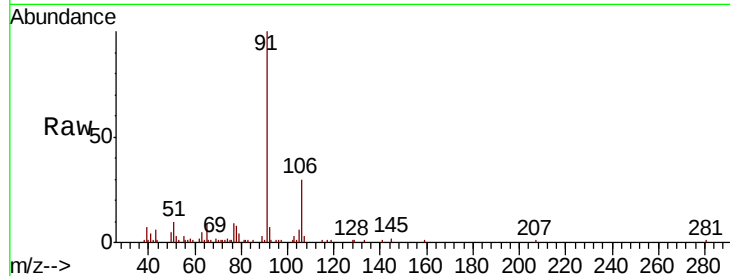
COMP

Tot Ion: 91 Resp: 43379

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.2



#68

m/p-Xylenes

Concen: 20.389 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060601.D

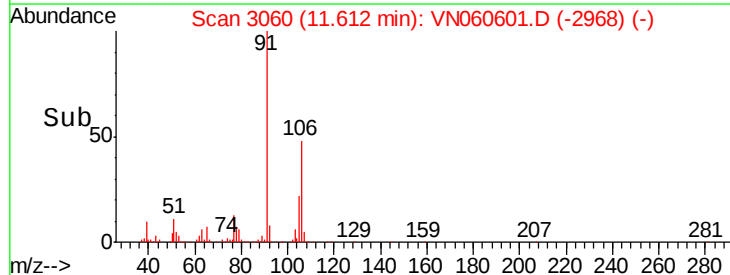
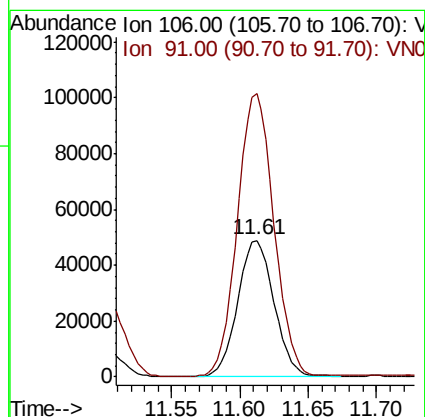
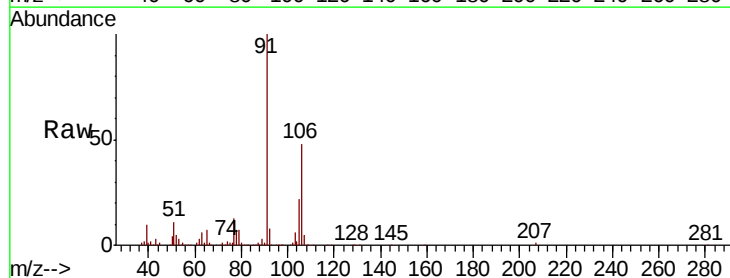
Acq: 18 Mar 2020 18:42

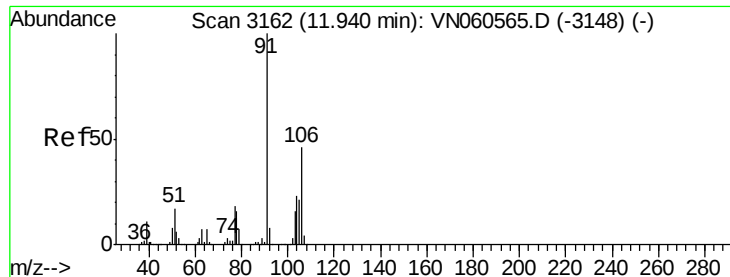
Tgt Ion: 106 Resp: 90761

Ion Ratio Lower Upper

106 100

91 206.6 165.0 247.4

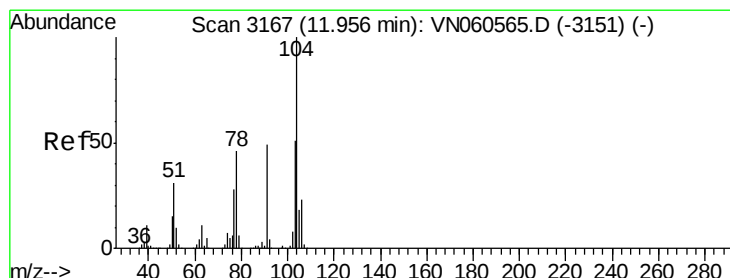
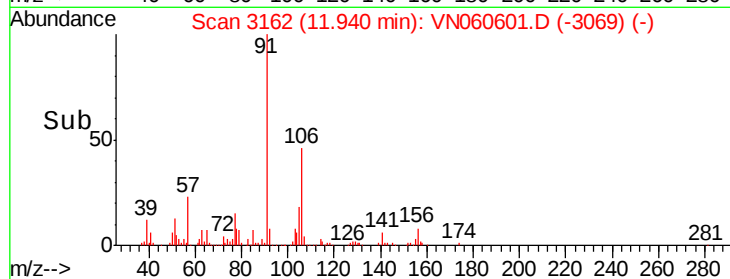
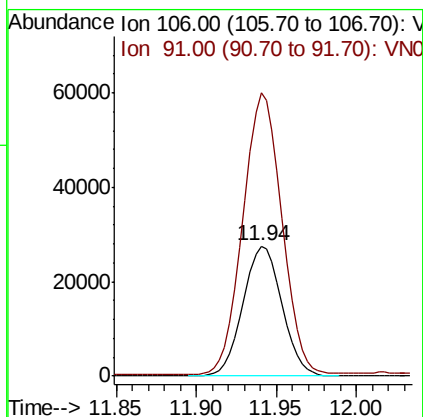
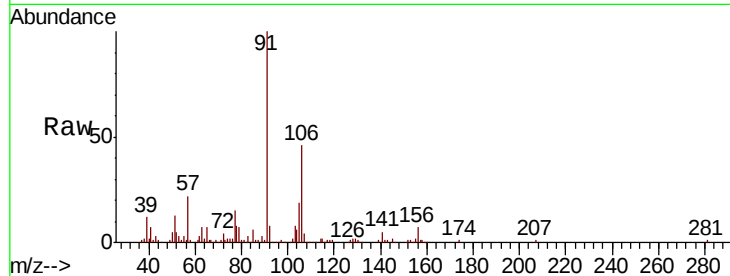




#69
o-Xylene
Concen: 10.751 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

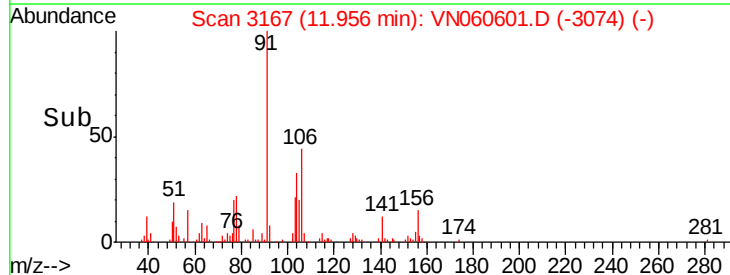
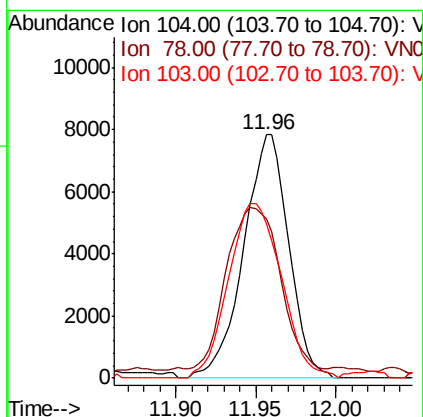
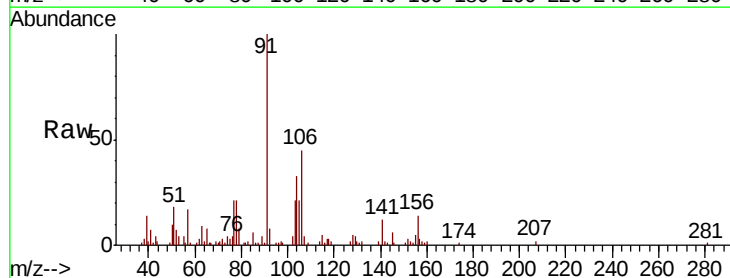
Instrument :
MSVOA_N
ClientSampleId :
COMP

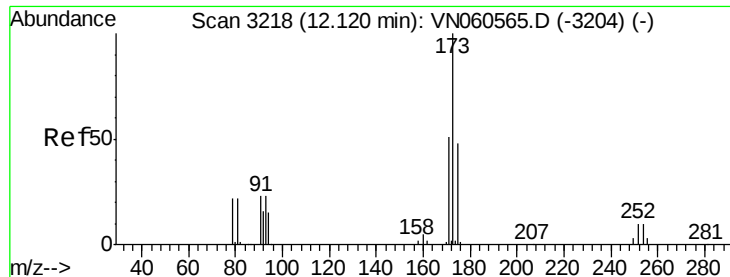
Tot Ion:106 Resp: 45686
Ion Ratio Lower Upper
106 100
91 216.4 109.5 328.4



#70
Styrene
Concen: 2.170 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion:104 Resp: 15079
Ion Ratio Lower Upper
104 100
78 77.7 41.2 61.8#
103 84.3 44.0 66.0#





#71

Bromoform

Concen: 1.731 ug/l

RT: 12.09 min Scan# 3210

Delta R.T. -0.03 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

COMP

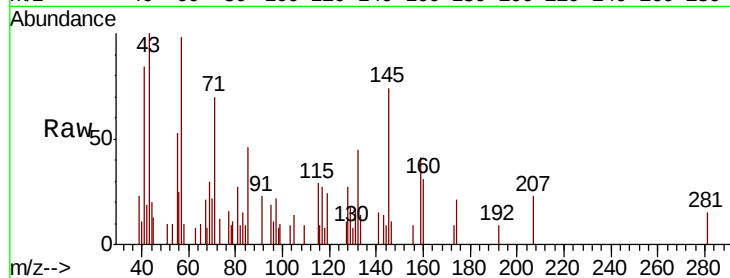
Tot Ion:173 Resp: 102

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

250

200

150

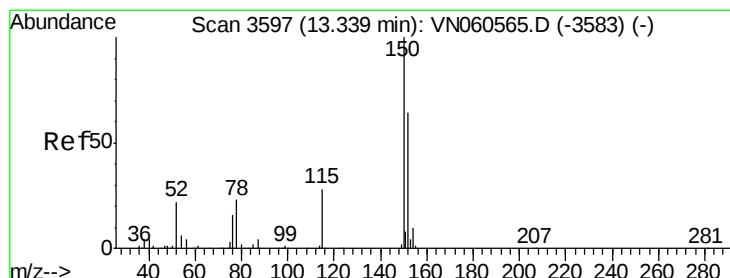
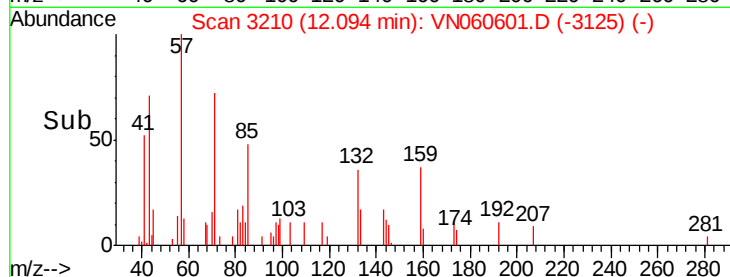
100

50

0

12.08 12.09 12.10 12.11

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

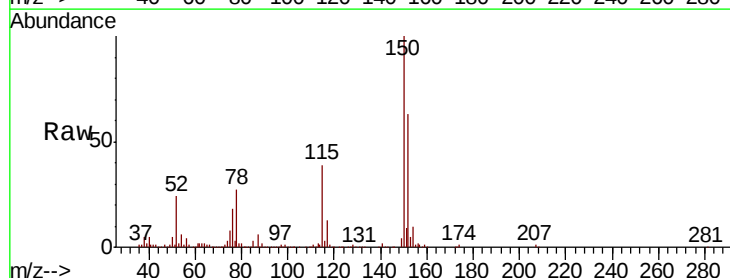
Tgt Ion:152 Resp: 152292

Ion Ratio Lower Upper

152 100

115 62.2 30.2 90.6

150 156.6 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

200000

150000

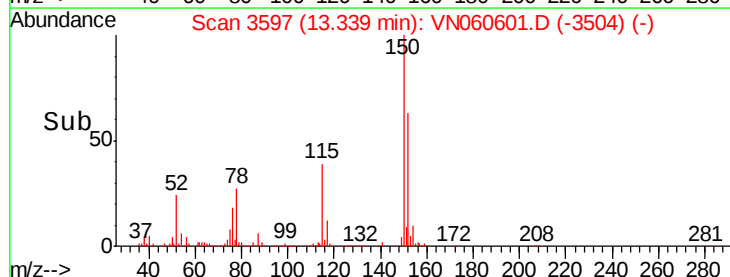
100000

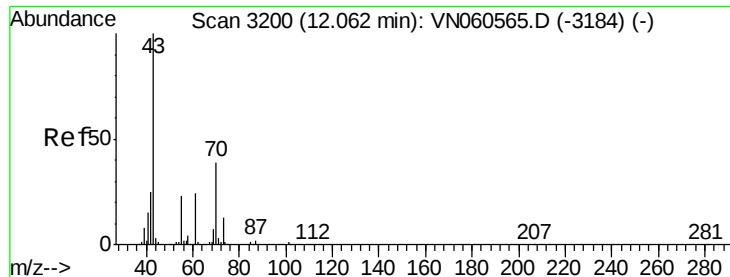
50000

0

13.25 13.30 13.35 13.40

Time-->

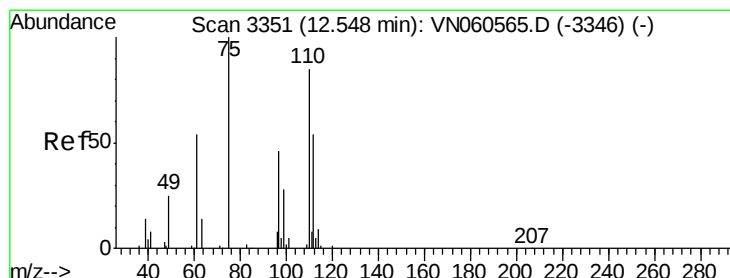
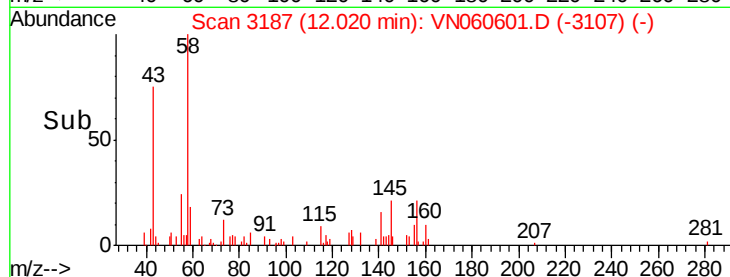
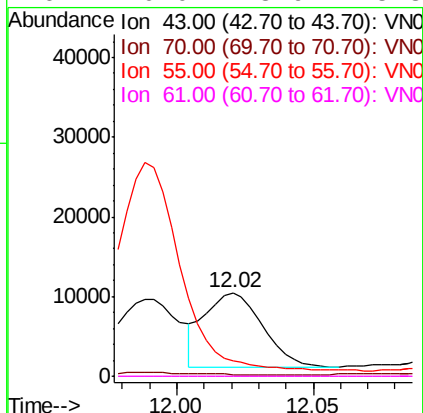
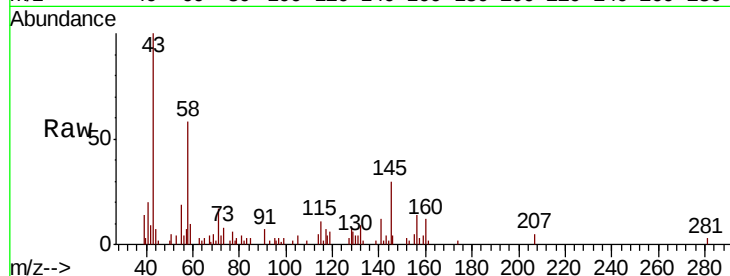




#74
N-amyl acetate
Concen: 2.581 ug/l
RT: 12.02 min Scan# 3187
Delta R.T. -0.04 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

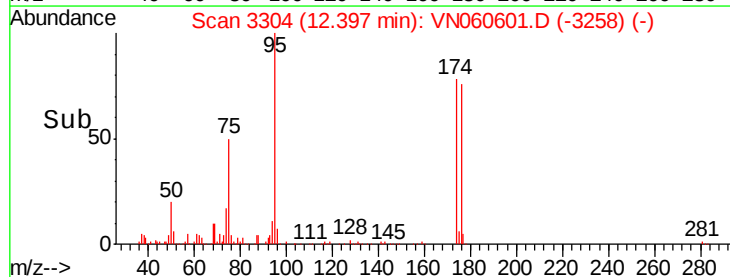
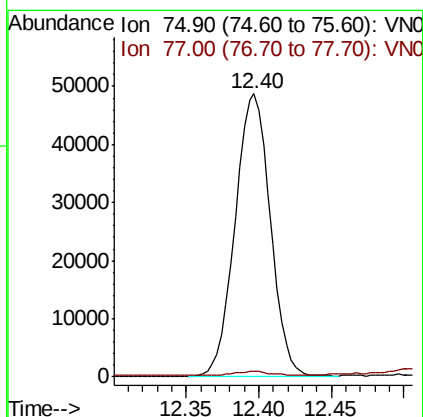
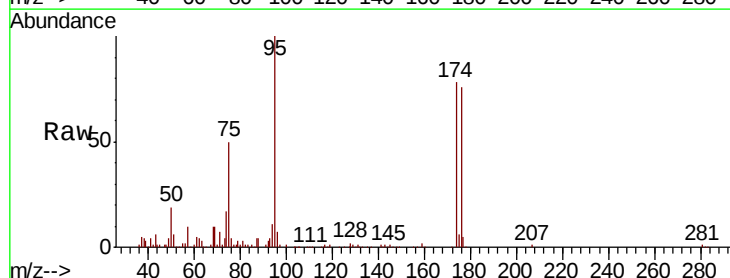
Instrument :
MSVOA_N
ClientSampled :
COMP

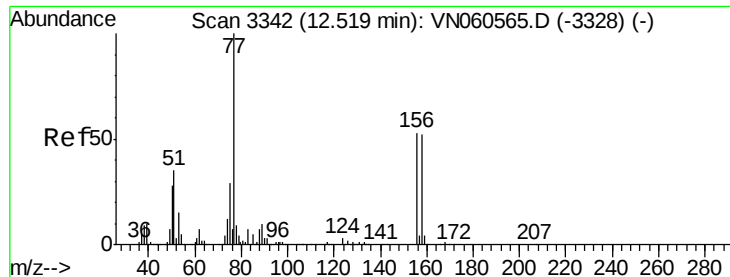
Tot Ion:	43	Resp:	13629
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.1	46.7#
55	0.0	18.6	27.8#
61	0.0	18.9	28.3#



#76
1,2,3-Trichloropropane
Concen: 25.071 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060601.D
Acq: 18 Mar 2020 18:42

Tgt Ion:	75	Resp:	82386
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#77

Bromobenzene

Concen: 12.597 ug/l

RT: 12.54 min Scan# 3348

Delta R.T. 0.02 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

COMP

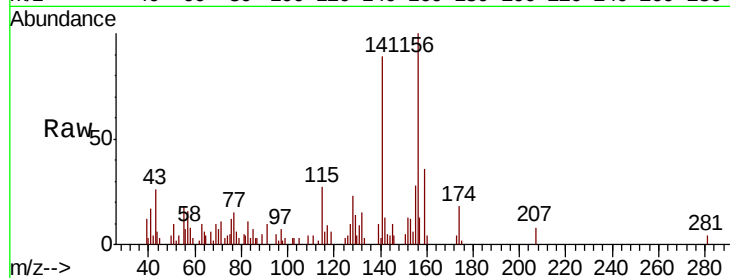
Tot Ion:156 Resp: 34691

Ion Ratio Lower Upper

156 100

77 0.0 112.3 337.0#

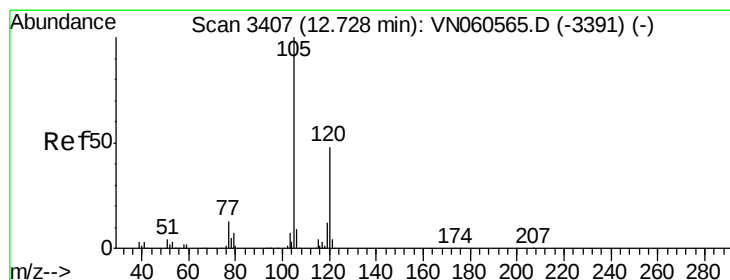
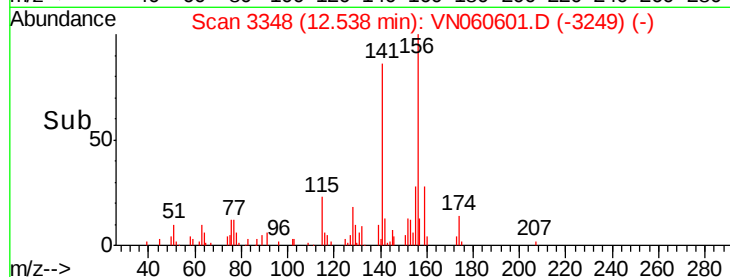
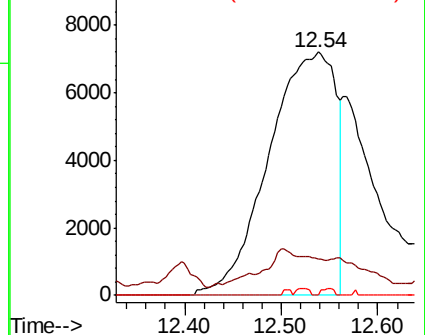
158 0.5 48.6 145.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.394 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060601.D

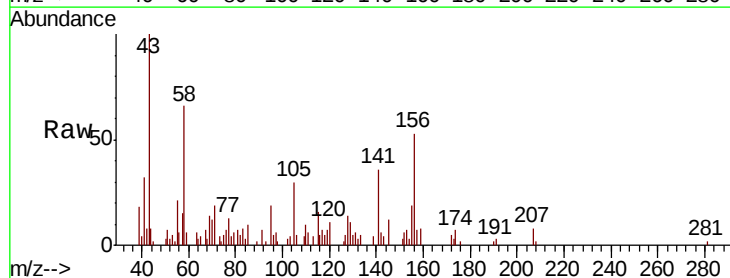
Acq: 18 Mar 2020 18:42

Tgt Ion:105 Resp: 3826

Ion Ratio Lower Upper

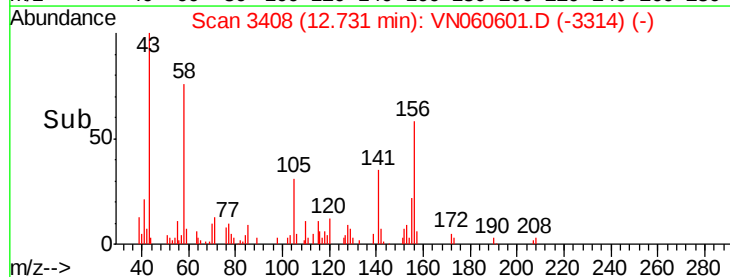
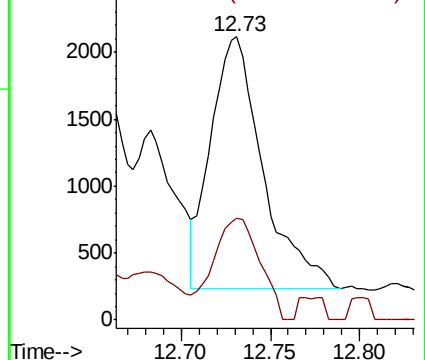
105 100

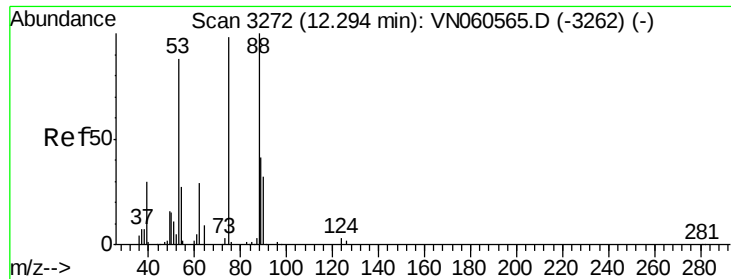
120 36.4 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.389 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

COMP

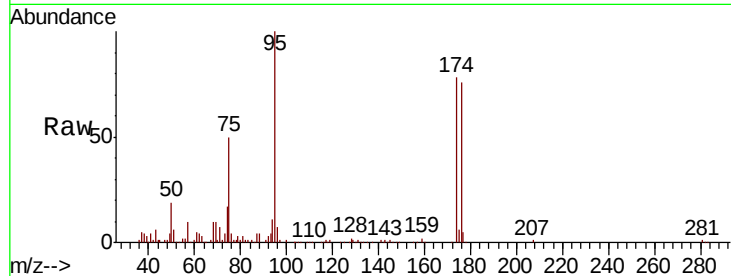
Tot Ion: 75 Resp: 82386

Ion Ratio Lower Upper

75 100

53 0.5 73.0 109.4#

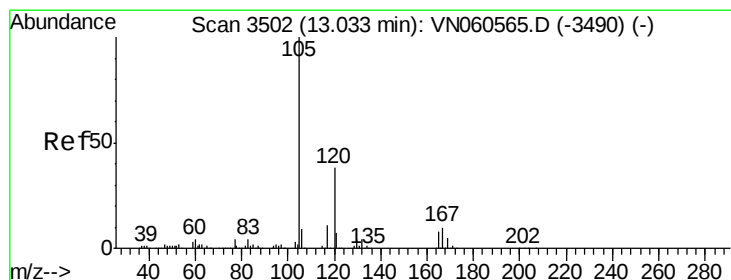
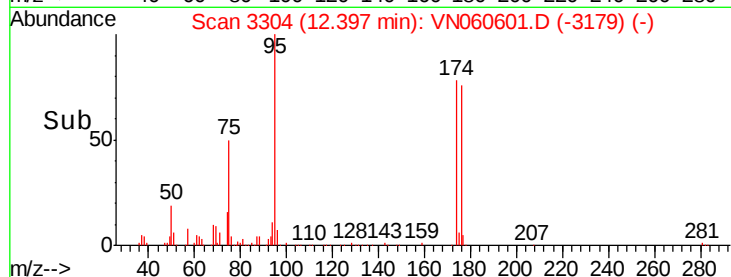
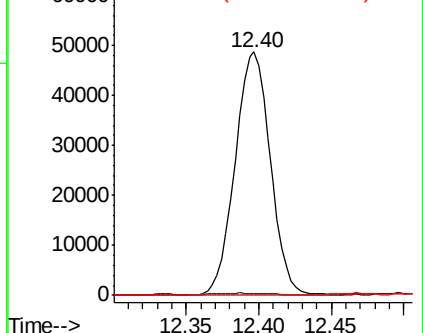
89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060601.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN060601.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN060601.D (-3179) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.693 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060601.D

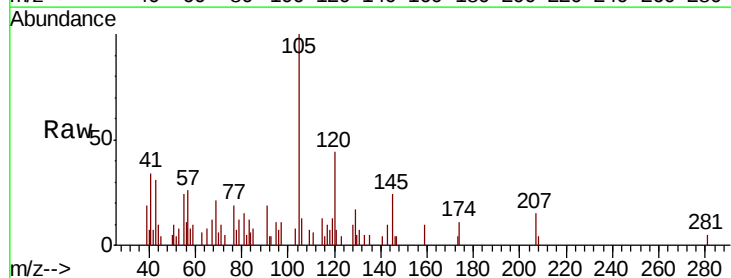
Acq: 18 Mar 2020 18:42

Tgt Ion: 105 Resp: 6649

Ion Ratio Lower Upper

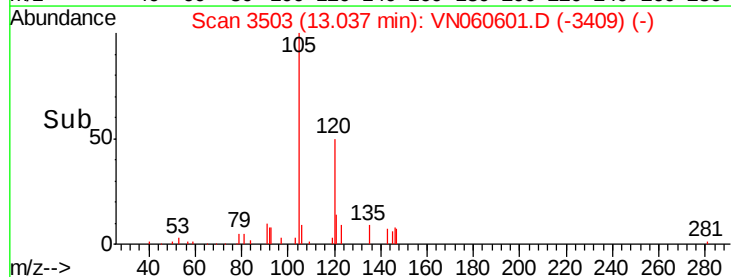
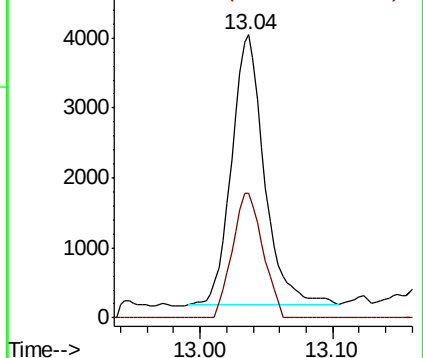
105 100

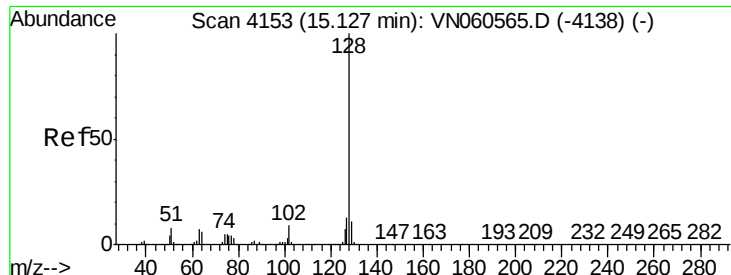
120 42.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN060601.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN060601.D (-3409) (-)





#95

Naphthalene

Concen: 1.006 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060601.D

Acq: 18 Mar 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

COMP

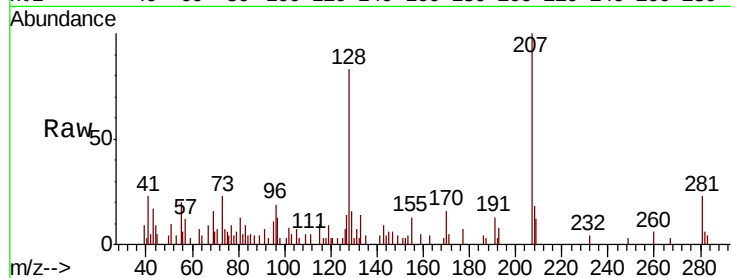
Tot Ion:128 Resp: 8627

Ion Ratio Lower Upper

128 100

127 19.8 10.2 15.2#

129 19.3 8.8 13.2#



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

