

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060904.D
 Acq On : 8 Apr 2020 16:25
 Operator : JC/MD
 Sample : L2186-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 08:28:49 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	193773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	325596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147819	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127561	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.56	113	97485	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.08	98	407193	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	155078	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	2105	5.381	ug/l #	72
13) Acrolein	3.58	56	394	0.909	ug/l #	14
14) Allyl chloride	4.24	41	5031	1.363	ug/l #	22
15) Acrylonitrile	4.95	53	497	0.432	ug/l #	70
16) Acetone	3.77	43	3857389	4093.812	ug/l	96
18) Methyl Acetate	4.29	43	2090	0.788	ug/l #	88
20) Methylene Chloride	4.53	84	3645	1.573	ug/l	93
25) 2-Butanone	6.80	43	51289	33.638	ug/l	100
31) Cyclohexane	7.64	56	5466	1.276	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	15187	4.817	ug/l #	49
37) Ethyl Acetate	6.80	43	51289	15.056	ug/l #	70
38) Carbon Tetrachloride	7.64	117	18852	6.672	ug/l #	16
39) Methylcyclohexane	9.07	83	967	0.258	ug/l	89
40) Benzene	8.02	78	3668	0.385	ug/l #	87
43) Isopropyl Acetate	8.14	43	56970	10.140	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	1023	0.407	ug/l #	43
48) Methyl methacrylate	9.16	41	6871	2.747	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	8092	2.531	ug/l	99
52) Toluene	10.14	92	2438509	424.243	ug/l	89
53) t-1,3-Dichloropropene	10.14	75	29086	8.026	ug/l #	1
54) cis-1,3-Dichloropropene	9.89	75	21444	5.394	ug/l #	61
57) 1,3-Dichloropropane	10.75	76	3031	0.790	ug/l #	42
59) 2-Hexanone	10.75	43	44851	19.475	ug/l #	54
67) Ethyl Benzene	11.50	91	16483	1.426	ug/l	95
68) m/p-Xylenes	11.61	106	19719	4.590	ug/l	100
69) o-Xylene	11.94	106	13063	3.185	ug/l	97
71) Bromoform	12.39	173	81	1.722	ug/l #	1
73) Isopropylbenzene	12.24	105	3755	0.338	ug/l	95
74) N-amyl acetate	12.02	43	4230	0.825	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	78205	24.519	ug/l #	100
78) n-propylbenzene	12.59	91	9251	0.706	ug/l	95
79) 2-Chlorotoluene	12.65	91	3391	0.433	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	11521	1.224	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	78205	62.971	ug/l #	13

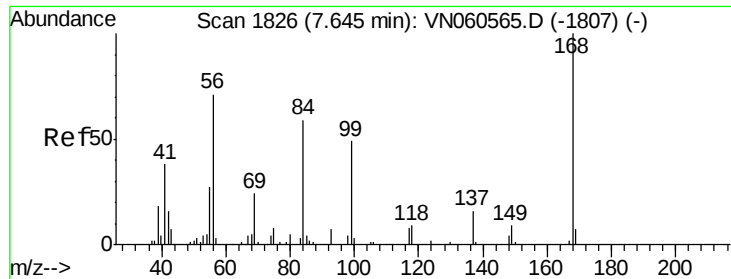
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060904.D
 Acq On : 8 Apr 2020 16:25
 Operator : JC/MD
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 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.04	119	5925	0.759	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	50429	5.415	ug/l	98
85) sec-Butylbenzene	13.17	105	2621	0.250	ug/l	95
86) p-Isopropyltoluene	13.29	119	7384	0.782	ug/l	98
89) n-Butylbenzene	13.61	91	3100	0.364	ug/l #	77
90) Hexachloroethane	13.89	117	811	0.591	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.47	75	31	Below Cal	#	3
95) Naphthalene	15.13	128	14450	1.735	ug/l	98

(#) = 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: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

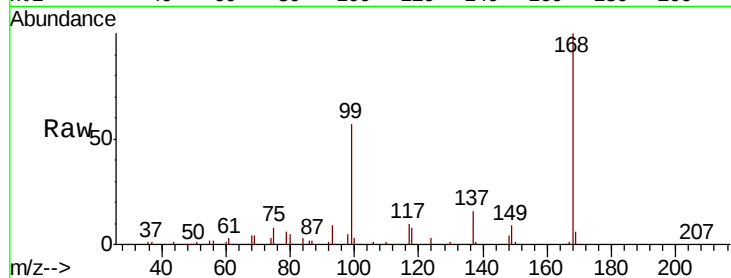
ClientSampleId :

Tot Ion:168 Resp: 193773

Ion Ratio Lower Upper

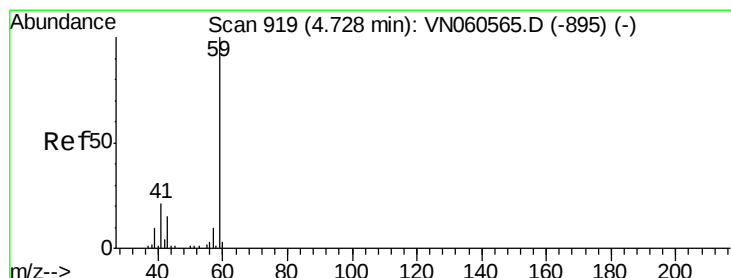
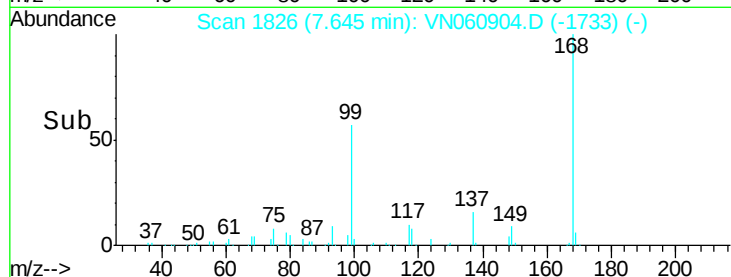
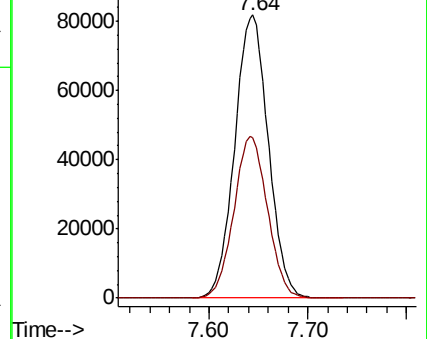
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060904.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060904.D (-1733) (-)



#11

Tert butyl alcohol

Concen: 5.381 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN060904.D

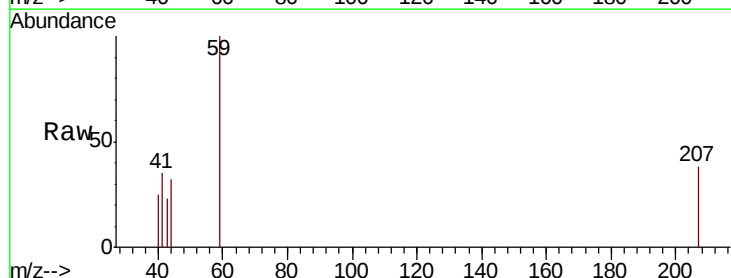
Acq: 8 Apr 2020 16:25

Tgt Ion: 59 Resp: 2105

Ion Ratio Lower Upper

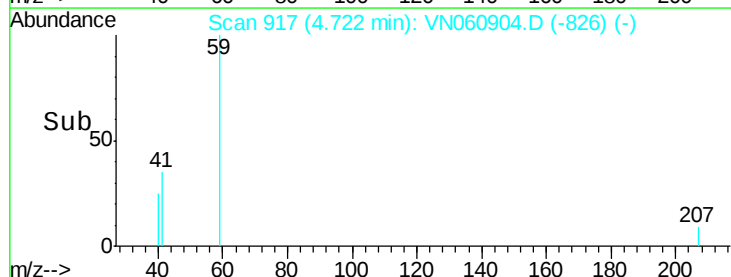
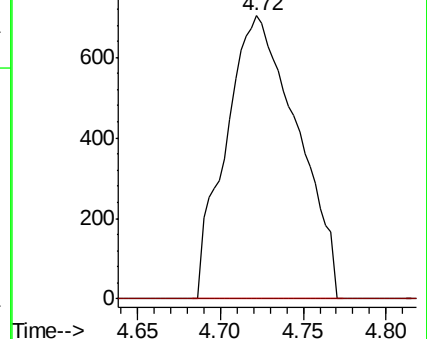
59 100

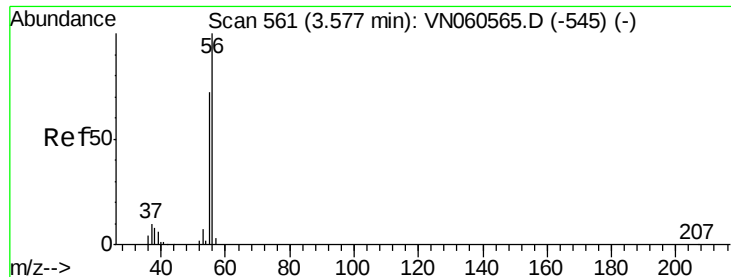
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN060904.D (-826) (-)

Ion 57.00 (56.70 to 57.70): VN060904.D (-826) (-)





#13

Acrolein

Concen: 0.909 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.01 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

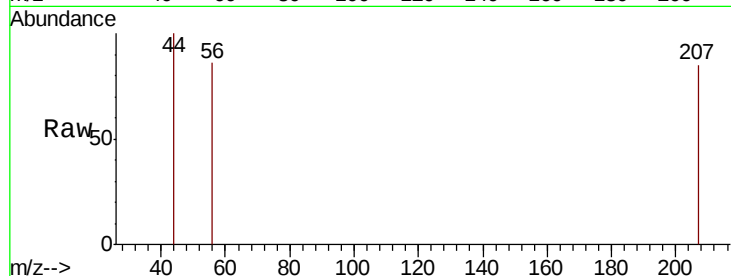
ClientSampled :

Tot Ion: 56 Resp: 394

Ion Ratio Lower Upper

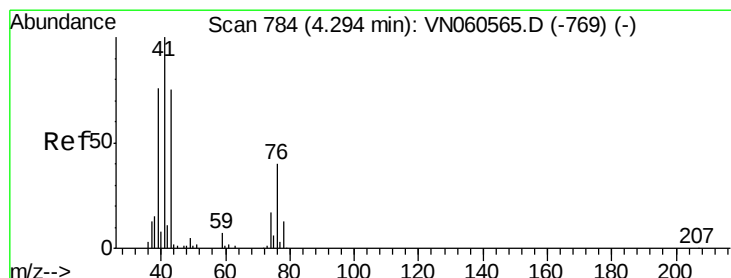
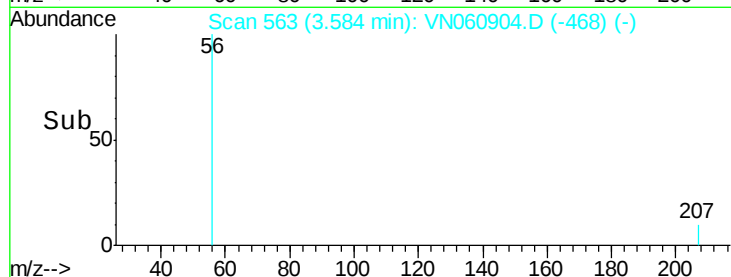
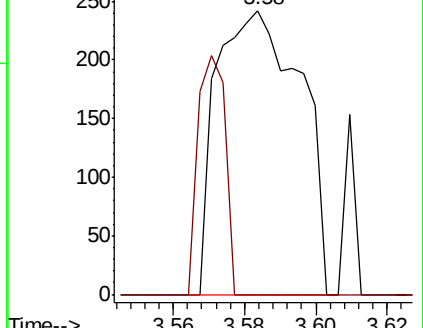
56 100

55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN060904.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060904.D (-545) (-)



#14

Allyl chloride

Concen: 1.363 ug/l

RT: 4.24 min Scan# 766

Delta R.T. -0.06 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

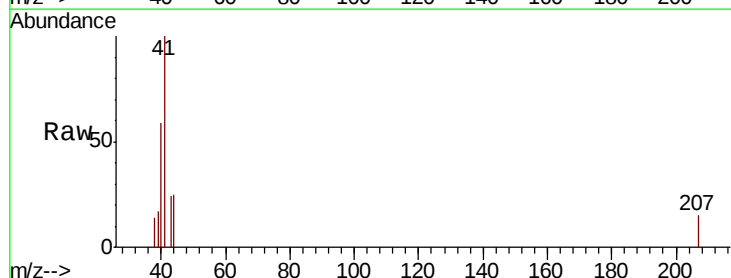
Tgt Ion: 41 Resp: 5031

Ion Ratio Lower Upper

41 100

39 0.0 57.8 86.8#

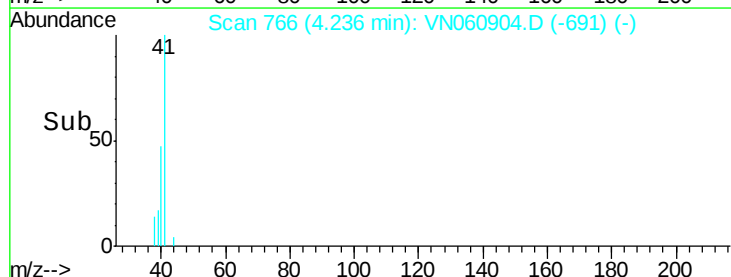
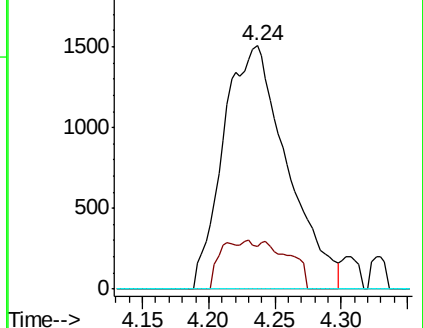
76 0.0 28.6 43.0#

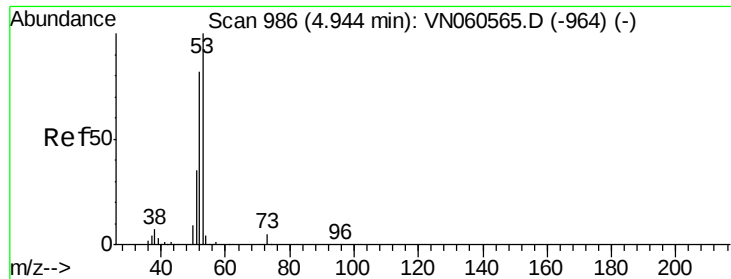


Abundance Ion 41.00 (40.70 to 41.70): VN060904.D (-769) (-)

Ion 39.00 (38.70 to 39.70): VN060904.D (-769) (-)

Ion 75.90 (75.60 to 76.60): VN060904.D (-769) (-)





#15

Acrylonitrile

Concen: 0.432 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.01 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampled :

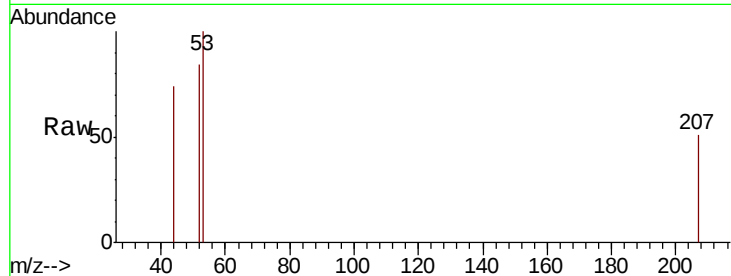
Tot Ion: 53 Resp: 497

Ion Ratio Lower Upper

53 100

52 97.8 66.2 99.4

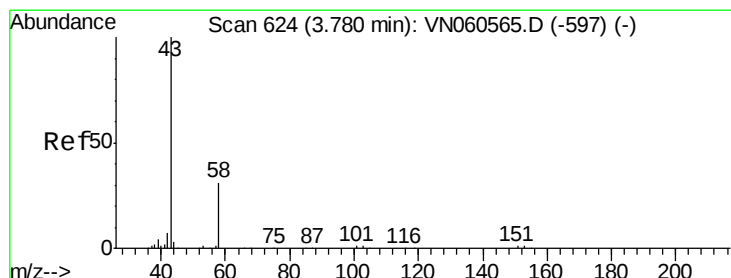
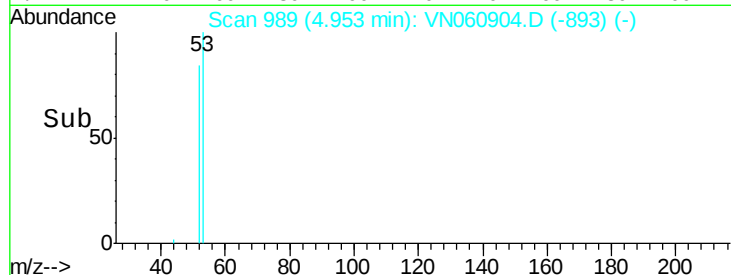
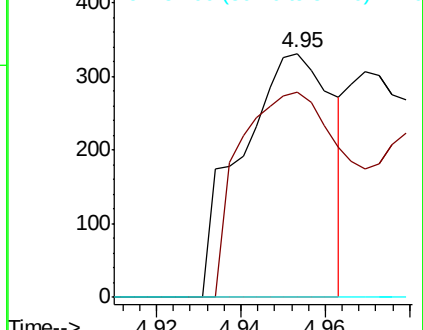
51 0.0 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 4093.812 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060904.D

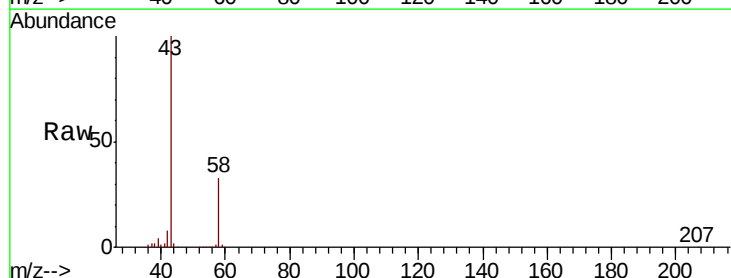
Acq: 8 Apr 2020 16:25

Tgt Ion: 43 Resp: 3857389

Ion Ratio Lower Upper

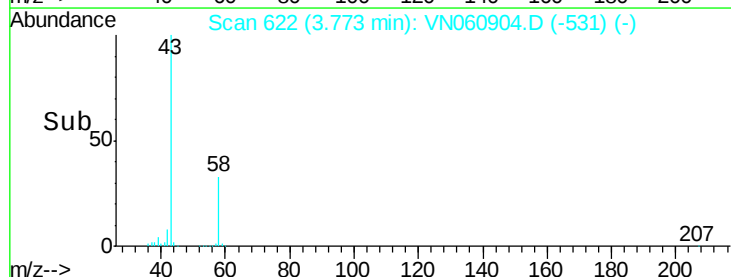
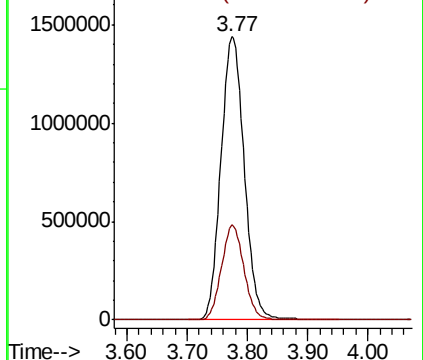
43 100

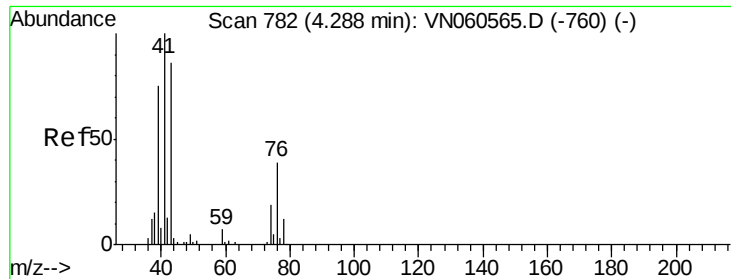
58 33.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

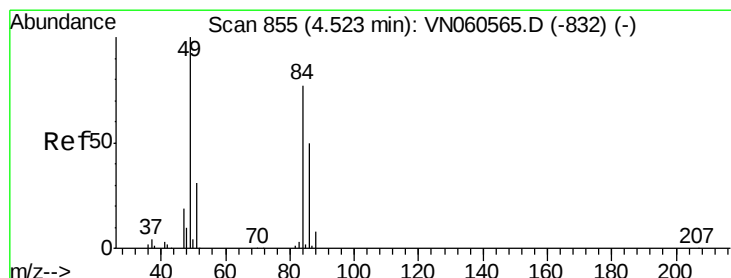
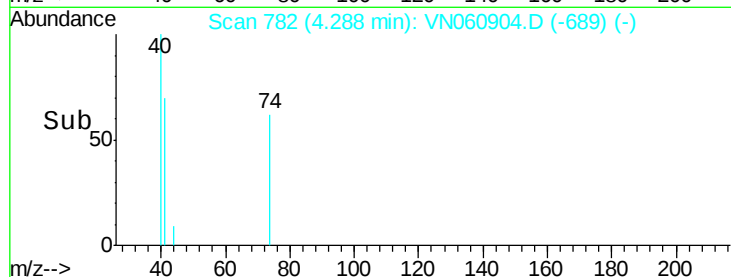
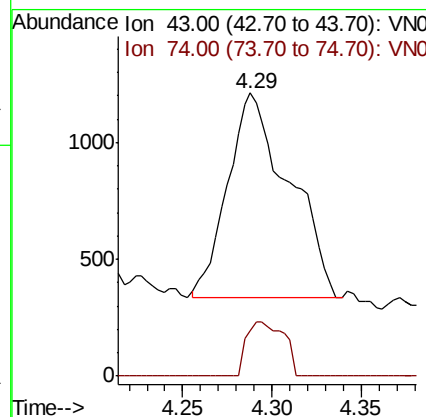
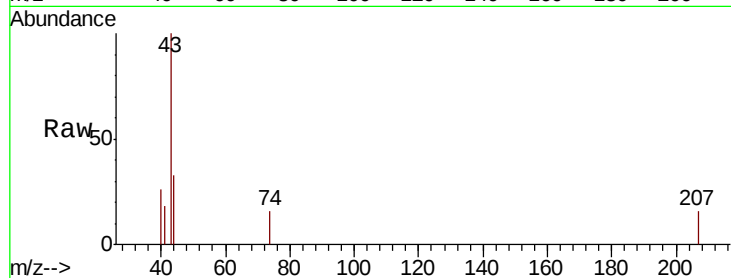




#18
Methyl Acetate
Concen: 0.788 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

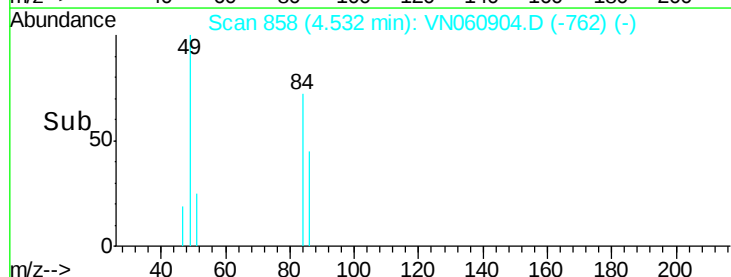
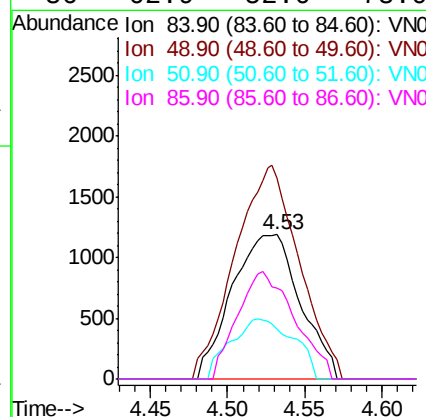
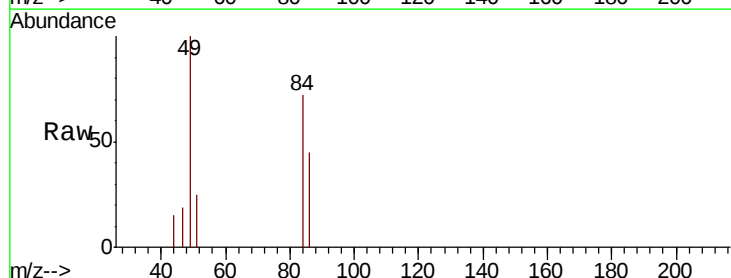
Instrument :
MSVOA_N
ClientSampled :

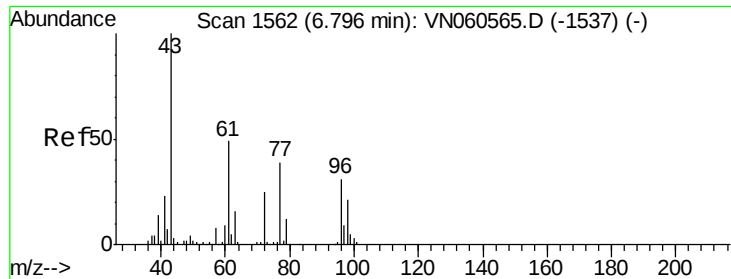
Tot Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
74 16.2 17.5 26.3#



#20
Methylene Chloride
Concen: 1.573 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 84 Resp: 3645
Ion Ratio Lower Upper
84 100
49 139.3 103.3 154.9
51 34.2 31.6 47.4
86 62.9 52.0 78.0

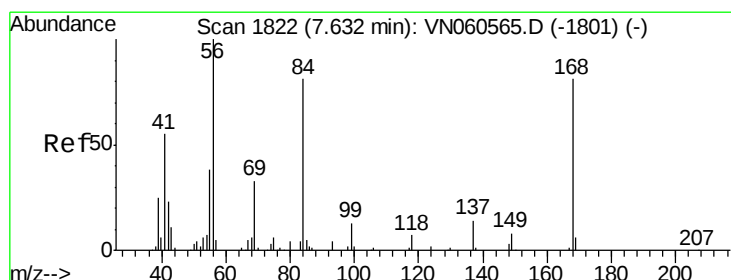
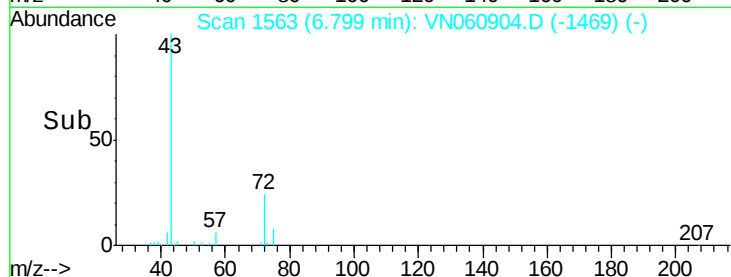
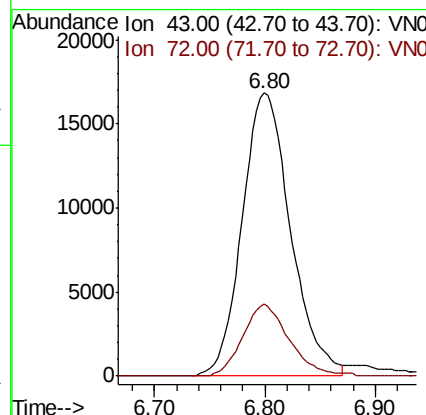
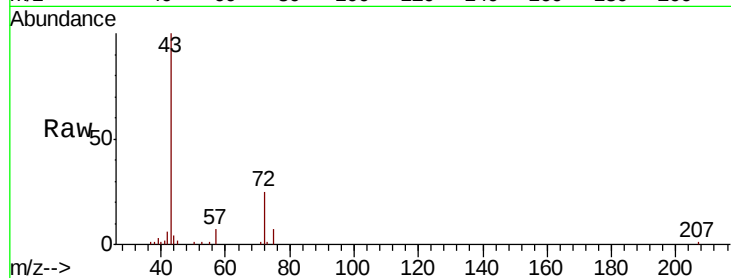




#25
2-Butanone
Concen: 33.638 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

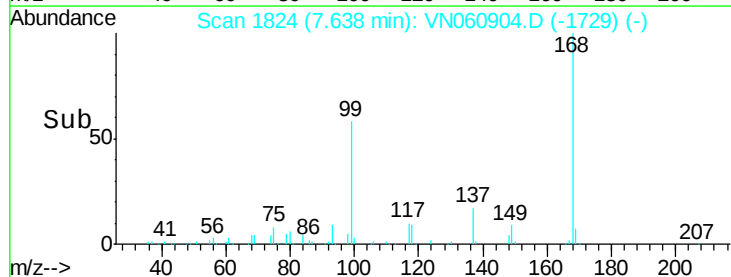
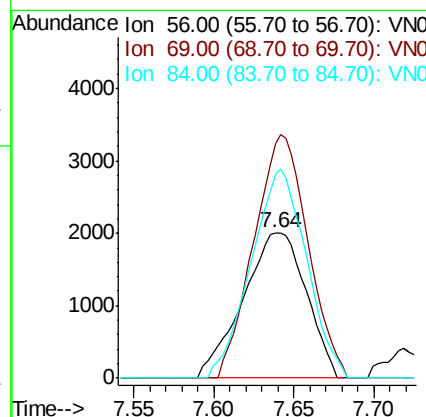
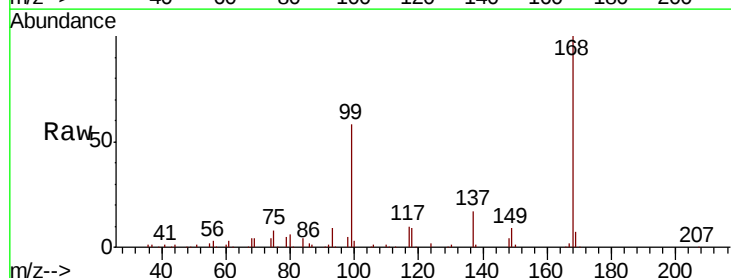
Instrument :
MSVOA_N
ClientSampleId :

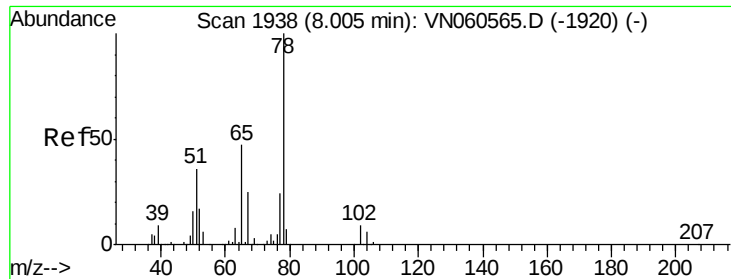
Tot Ion: 43 Resp: 51289
Ion Ratio Lower Upper
43 100
72 25.5 20.4 30.6



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 56 Resp: 5466
Ion Ratio Lower Upper
56 100
69 161.2 26.6 40.0#
84 139.7 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 47.954 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

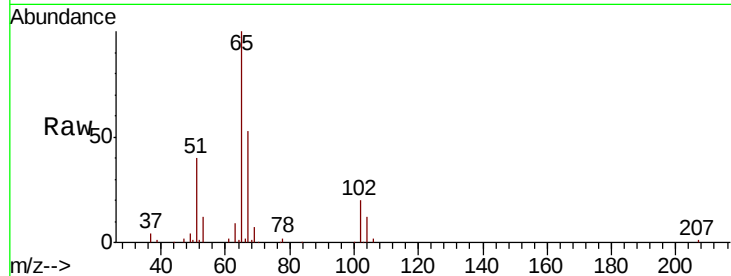
ClientSampleId :

Tot Ion: 65 Resp: 127561

Ion Ratio Lower Upper

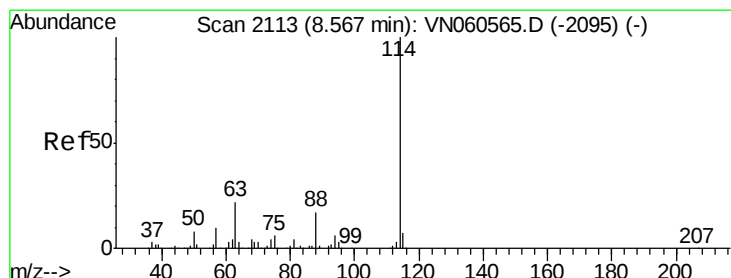
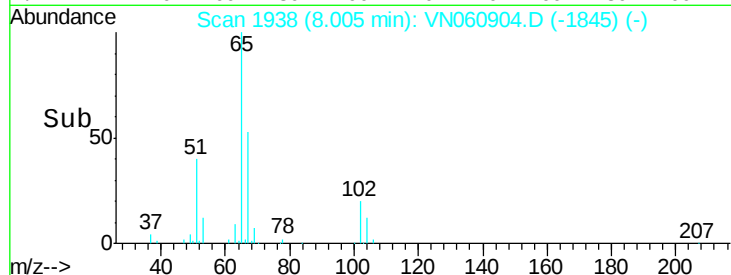
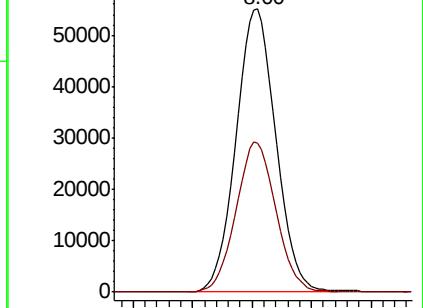
65 100

67 53.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060904.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060904.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

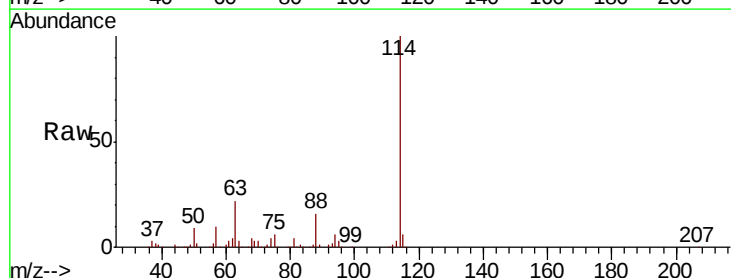
Tgt Ion: 114 Resp: 325596

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

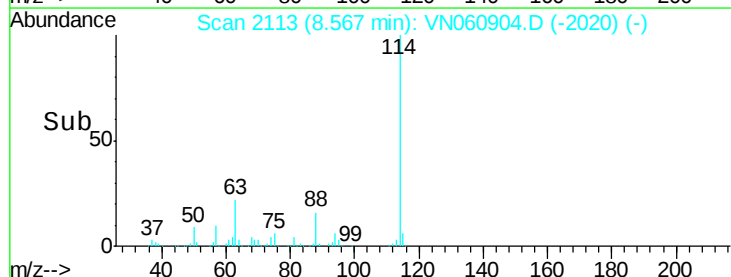
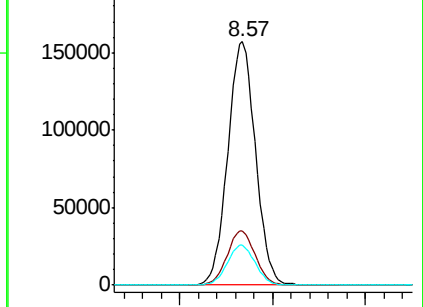
88 16.2 0.0 33.0

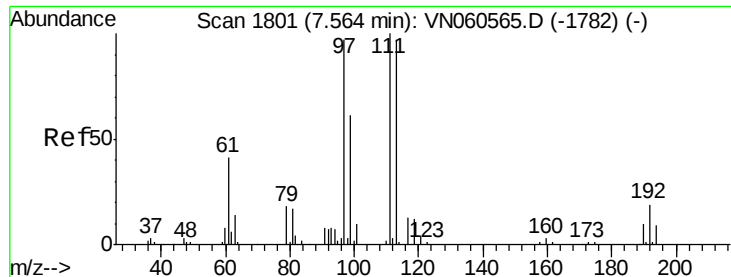


Abundance Ion 113.90 (113.60 to 114.60): VN060904.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060904.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060904.D (-2020) (-)

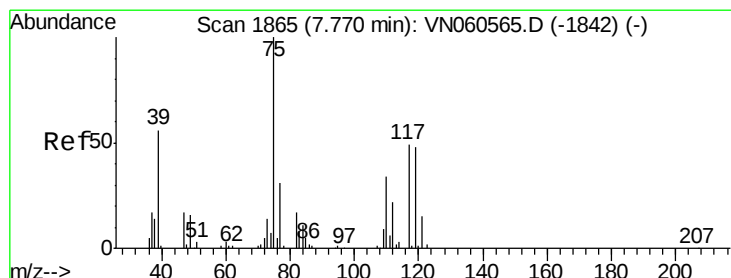
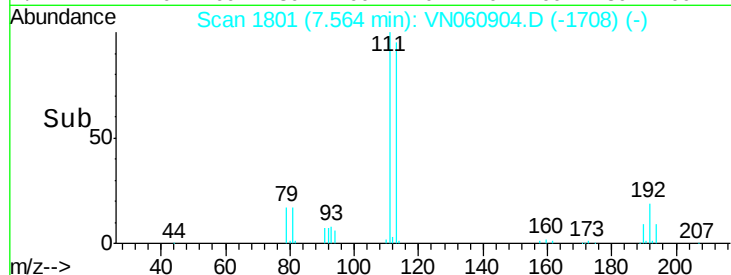
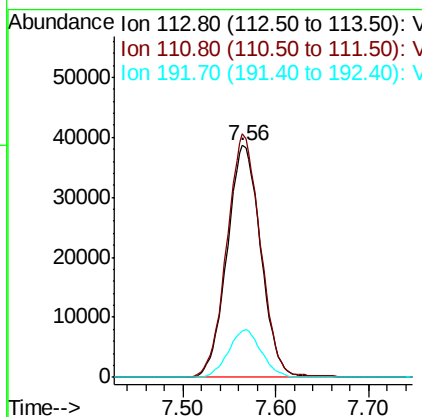
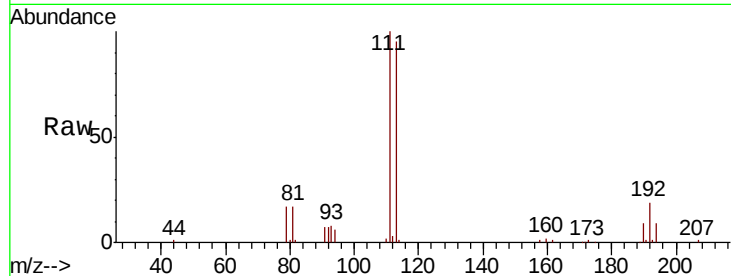




#35
 Dibromofluoromethane
 Concen: 49.515 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

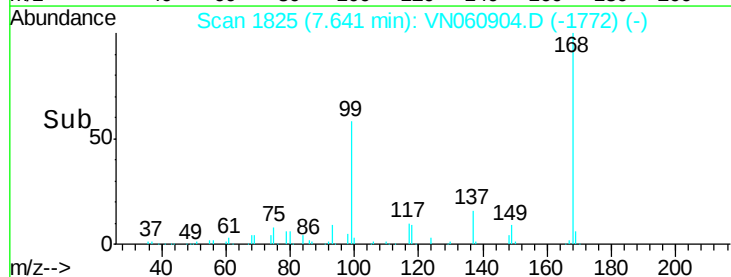
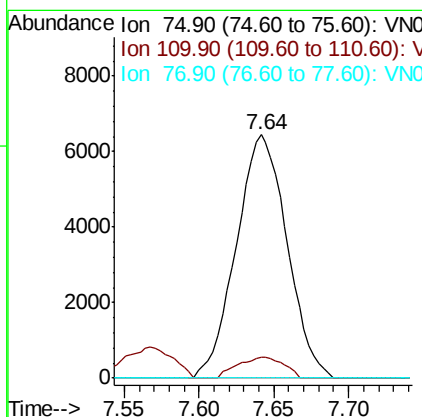
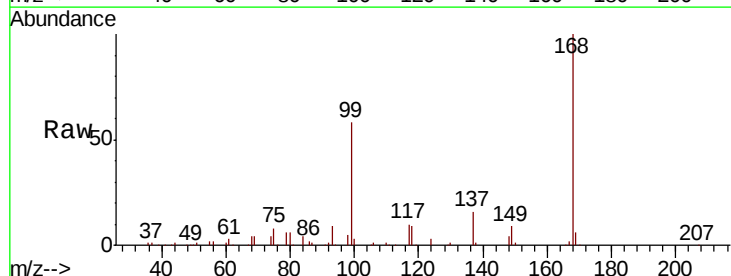
Instrument :
 MSVOA_N
 ClientSampled :

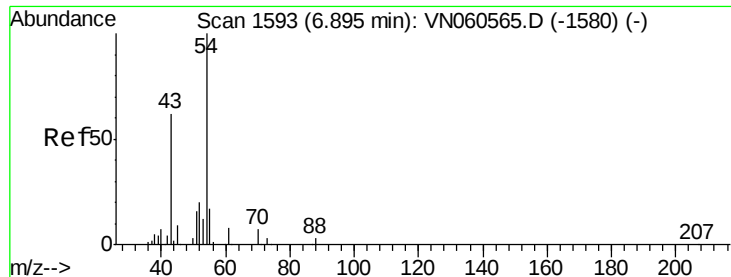
Tot Ion:113 Resp: 97485
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 19.9 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.817 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

Tgt Ion: 75 Resp: 15187
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.9 50.6#
 77 0.0 24.6 36.8#

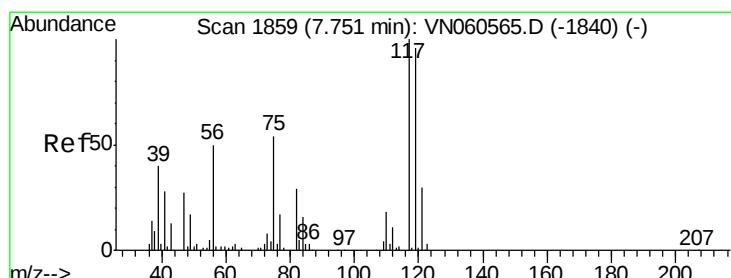
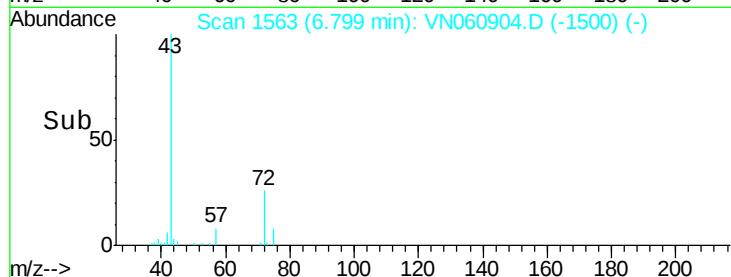
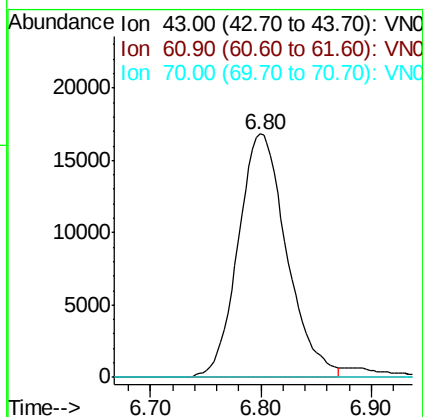
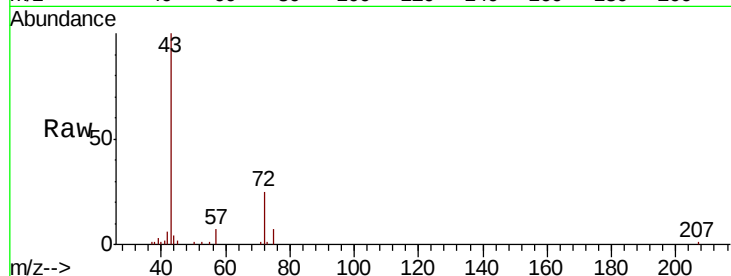




#37
Ethyl Acetate
Concen: 15.056 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

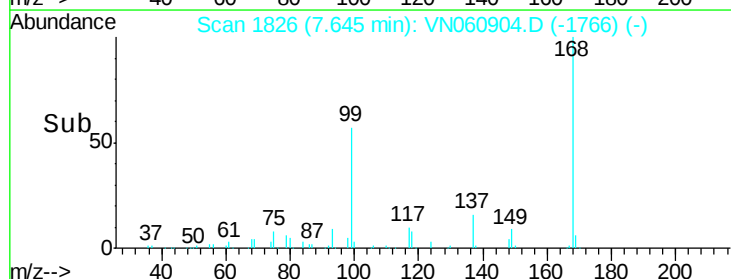
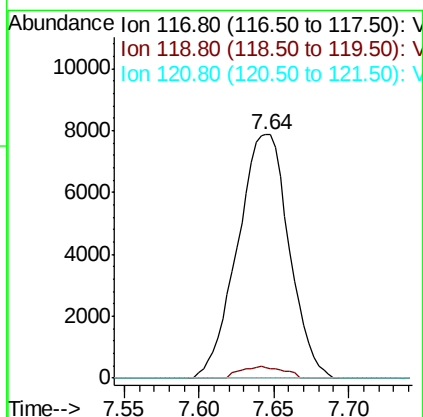
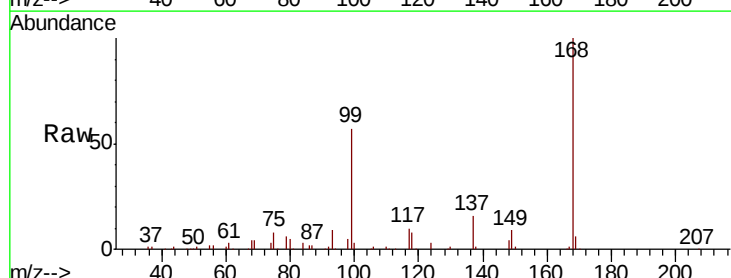
Instrument :
MSVOA_N
ClientSampleId :

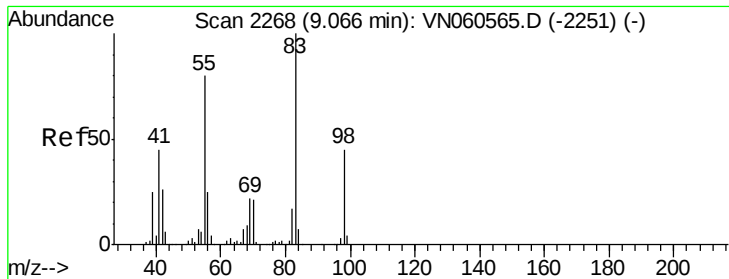
Tot Ion: 43 Resp: 51289
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.672 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 117 Resp: 18852
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 23.7 35.5#

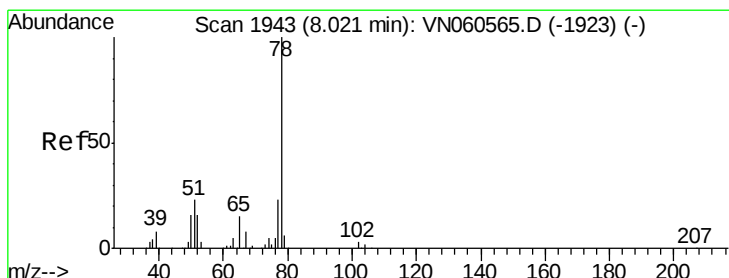
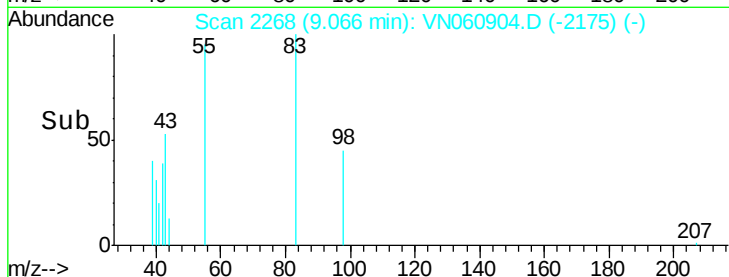
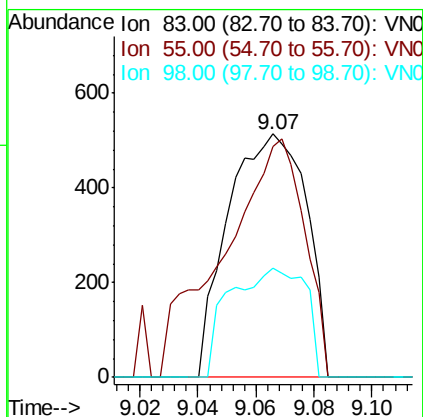
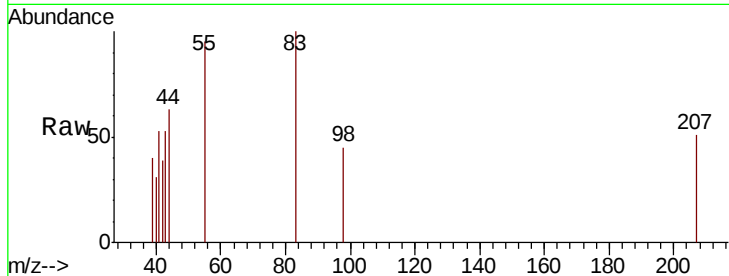




#39
Methvlcvclohexane
Concen: 0.258 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

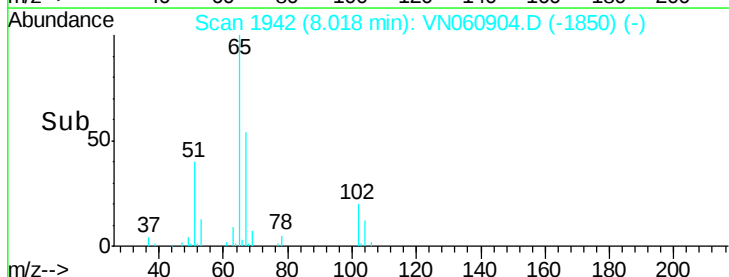
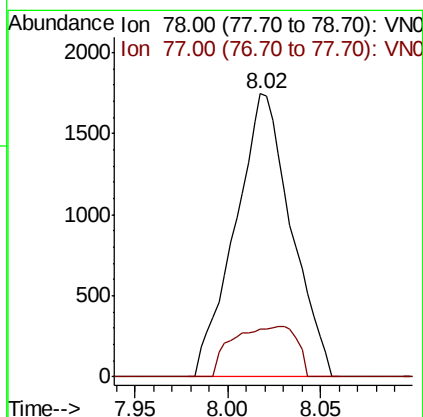
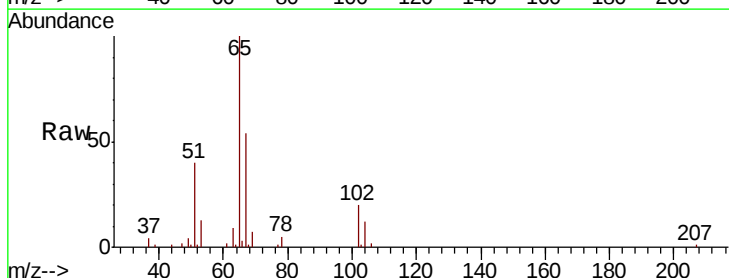
Instrument :
MSVOA_N
ClientSampleId :

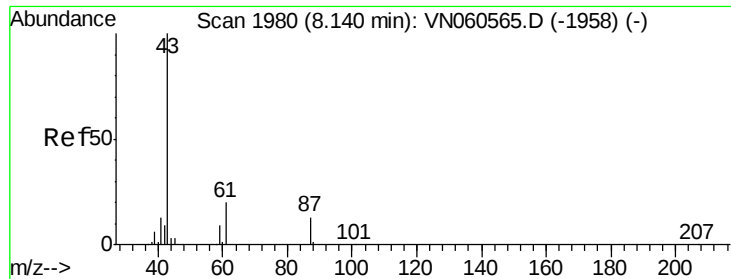
Tot Ion: 83 Resp: 967
Ion Ratio Lower Upper
83 100
55 94.7 63.6 95.4
98 44.9 36.0 54.0



#40
Benzene
Concen: 0.385 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 78 Resp: 3668
Ion Ratio Lower Upper
78 100
77 16.8 18.6 28.0#

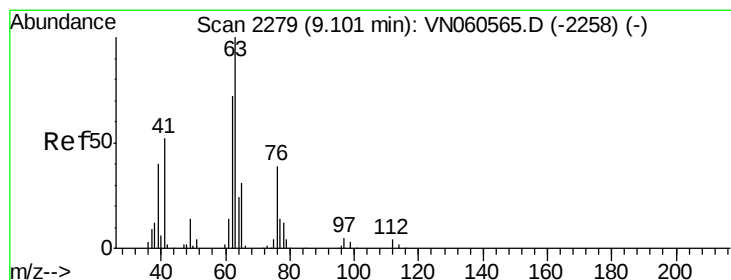
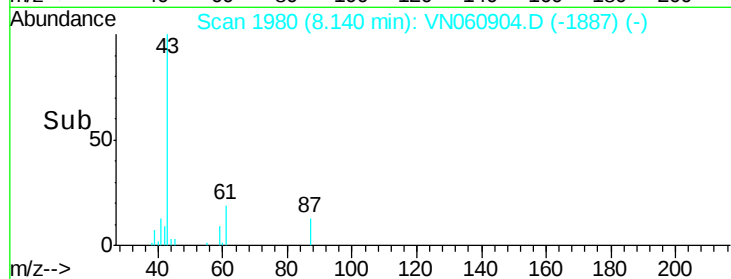
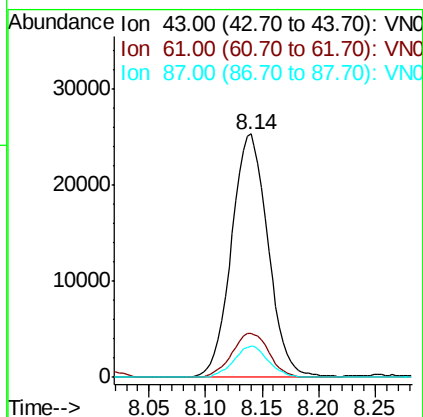
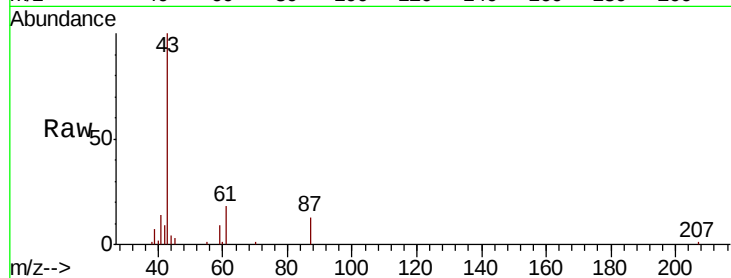




#43
Isopropyl Acetate
Concen: 10.140 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

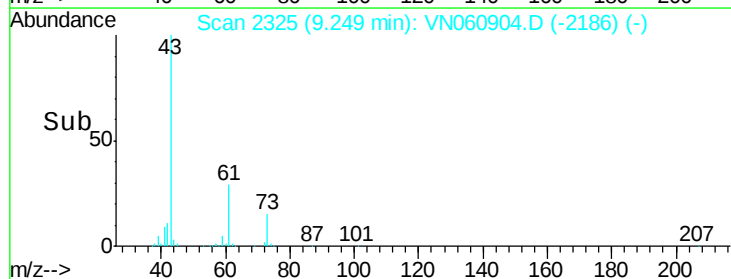
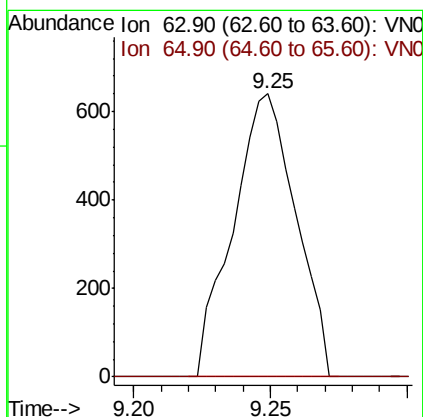
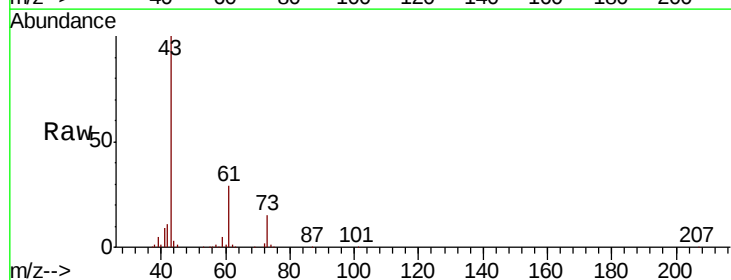
Instrument :
MSVOA_N
ClientSampleId :

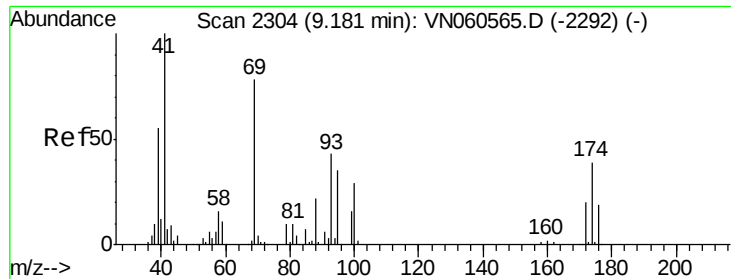
Tot Ion: 43 Resp: 56970
Ion Ratio Lower Upper
43 100
61 18.5 20.7 31.1#
87 12.0 9.8 14.8



#45
1,2-Dichloropropane
Concen: 0.407 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.15 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 63 Resp: 1023
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.0#

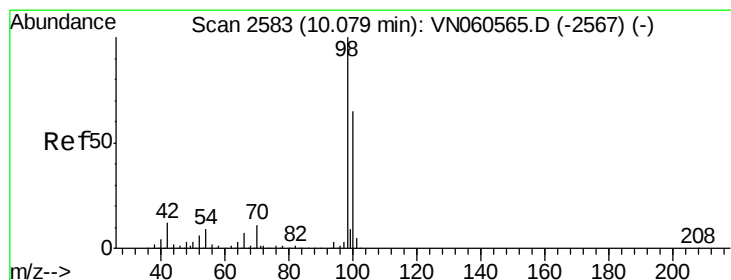
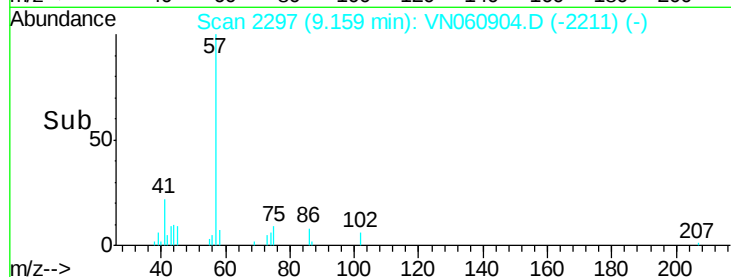
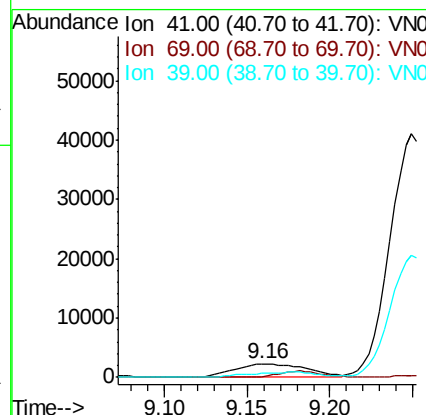
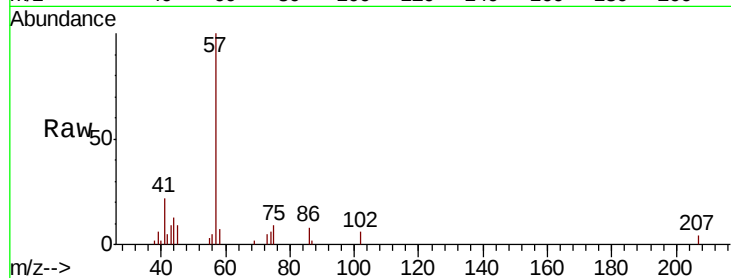




#48
Methvl methacrylate
Concen: 2.747 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.02 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

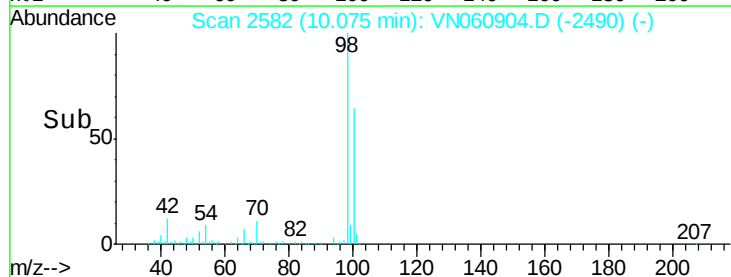
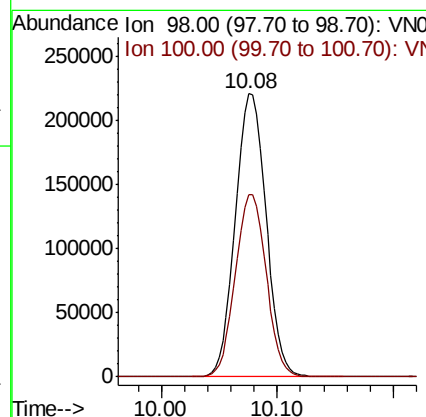
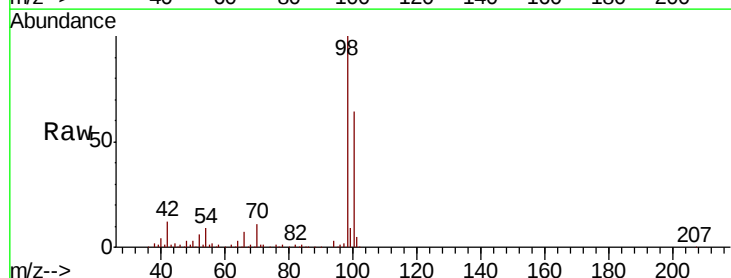
Instrument :
MSVOA_N
ClientSampled :

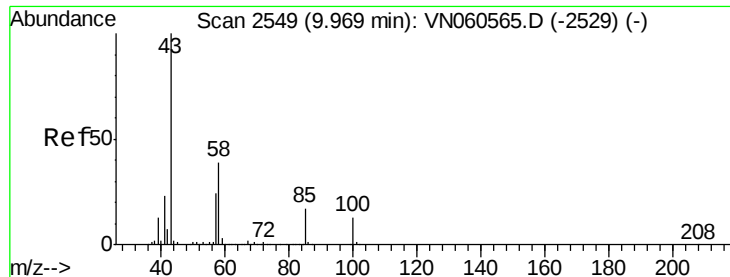
Tot Ion: 41 Resp: 6871
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.0#
39 0.0 44.0 66.0#



#50
Toluene-d8
Concen: 50.635 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 98 Resp: 407193
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

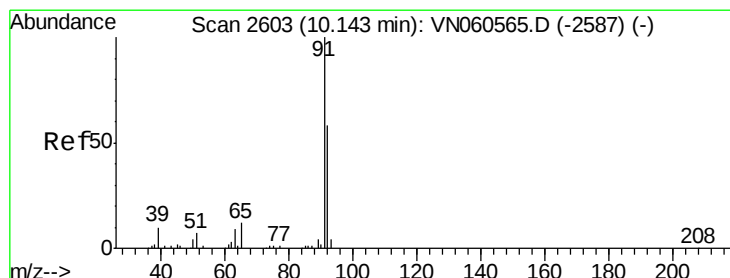
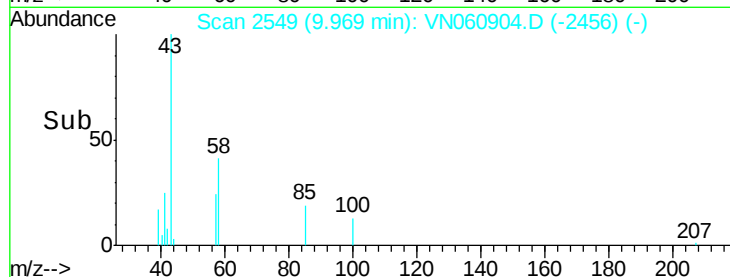
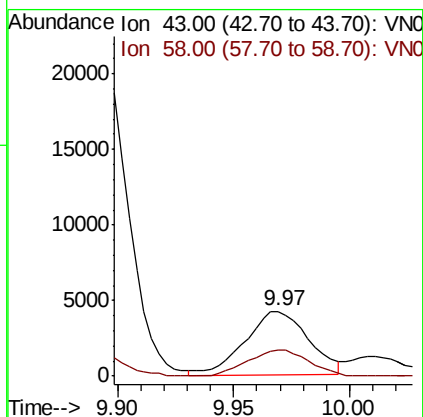
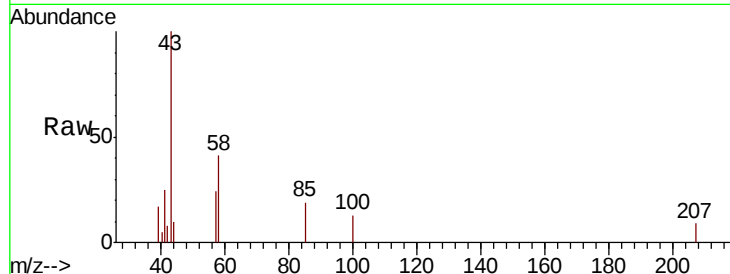




#51
4-Methyl-2-Pentanone
Concen: 2.531 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

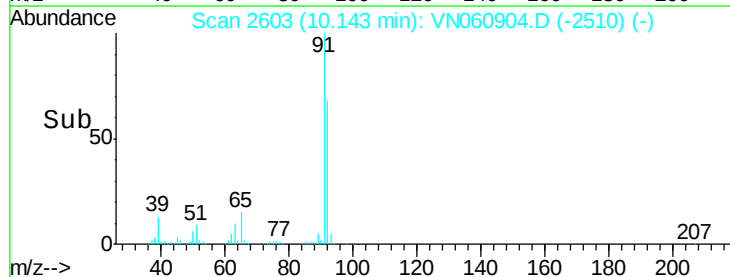
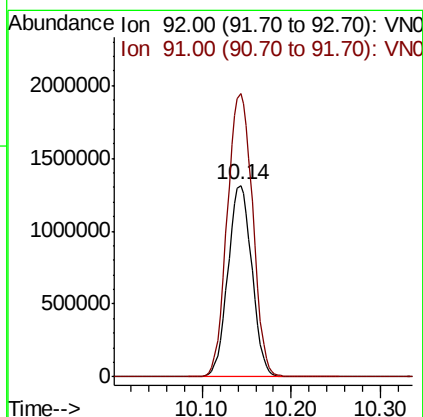
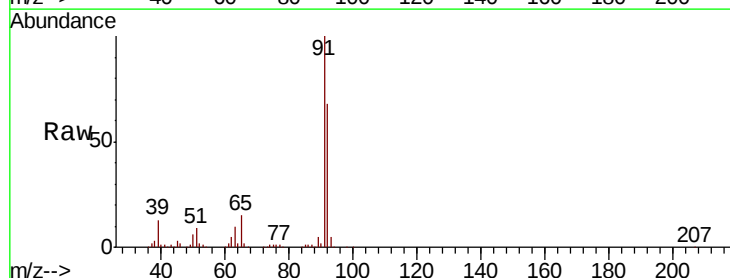
Instrument :
MSVOA_N
ClientSampled :

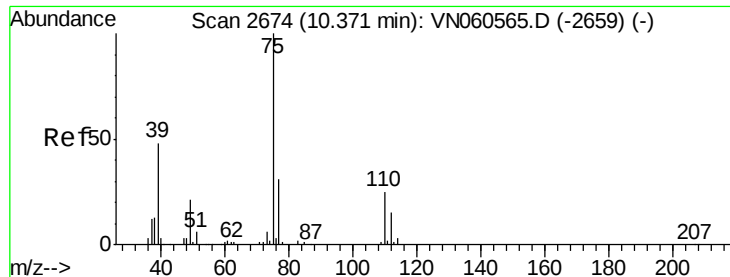
Tot Ion: 43 Resp: 8092
Ion Ratio Lower Upper
43 100
58 39.2 30.8 46.2



#52
Toluene
Concen: 424.243 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 92 Resp: 2438509
Ion Ratio Lower Upper
92 100
91 157.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 8.026 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.23 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

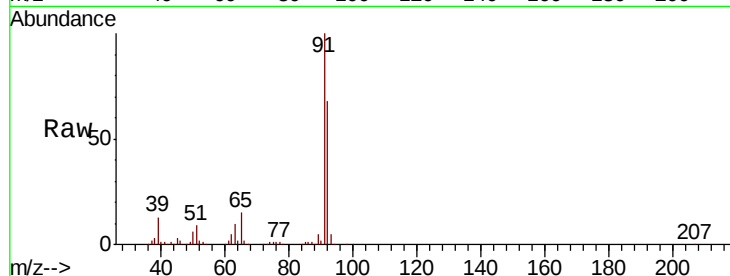
ClientSampled :

Tot Ion: 75 Resp: 29086

Ion Ratio Lower Upper

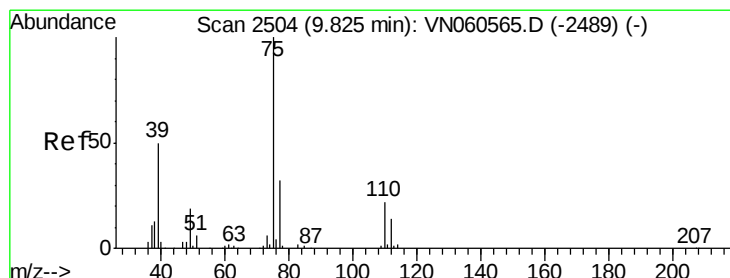
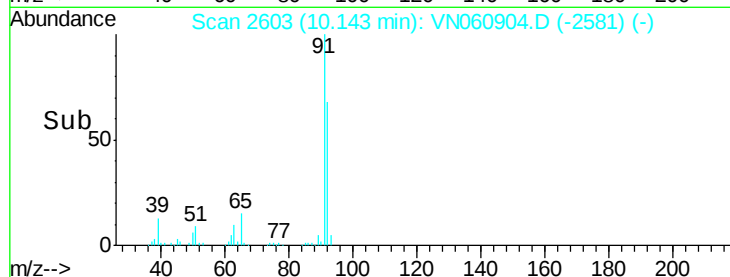
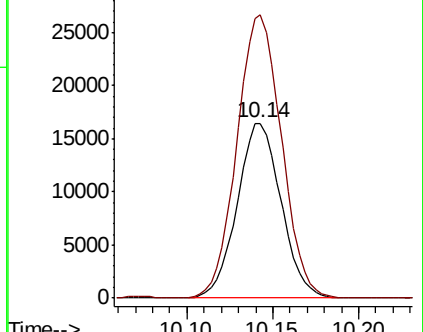
75 100

77 161.9 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VN060904.D (-2581) (-)

Ion 76.90 (76.60 to 77.60): VN060904.D (-2581) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.394 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

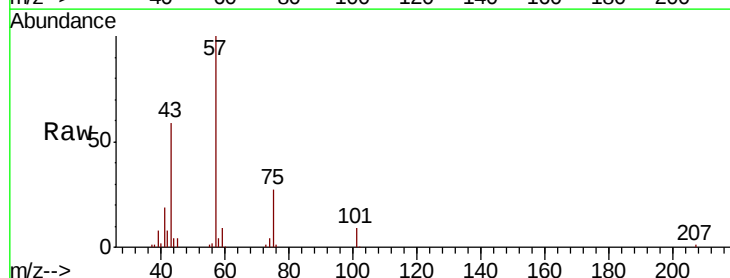
Tgt Ion: 75 Resp: 21444

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

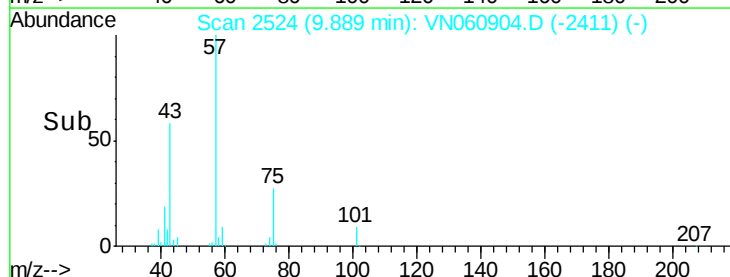
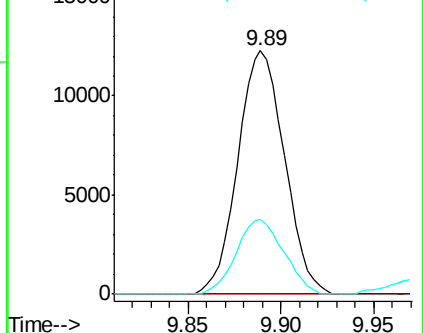
39 30.8 40.2 60.4#

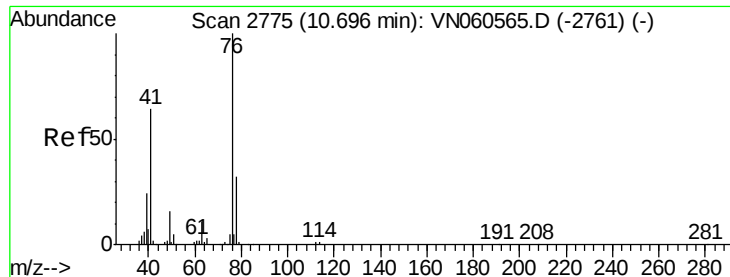


Abundance Ion 74.90 (74.60 to 75.60): VN060904.D (-2411) (-)

Ion 76.90 (76.60 to 77.60): VN060904.D (-2411) (-)

Ion 39.00 (38.70 to 39.70): VN060904.D (-2411) (-)

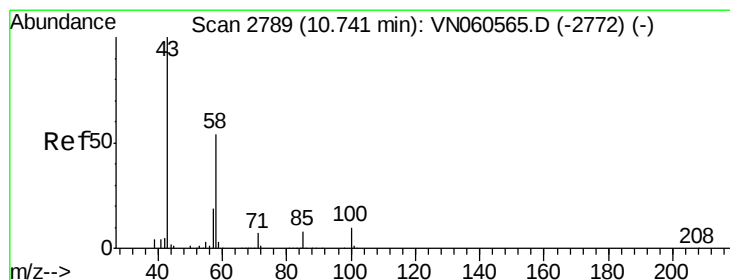
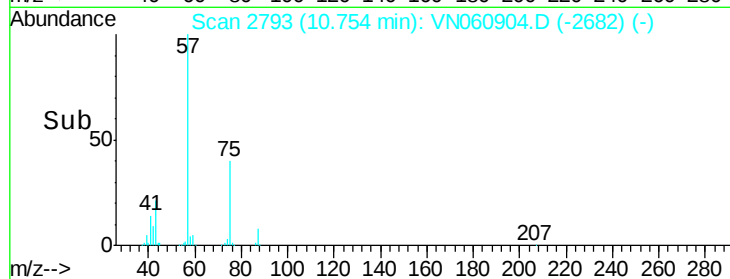
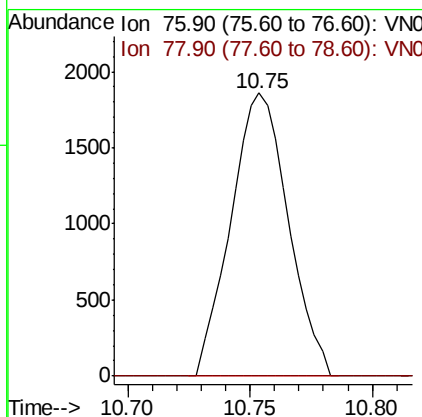
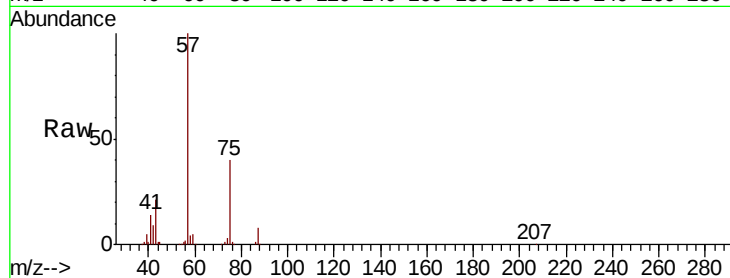




#57
 1,3-Dichloropropane
 Concen: 0.790 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

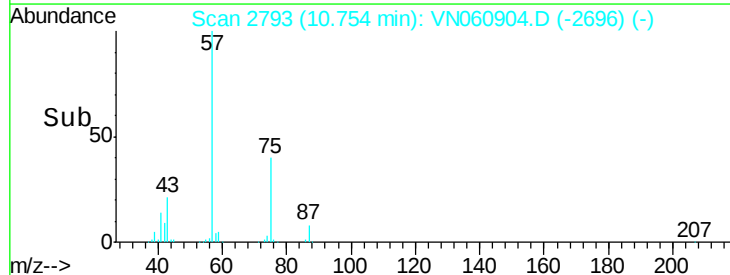
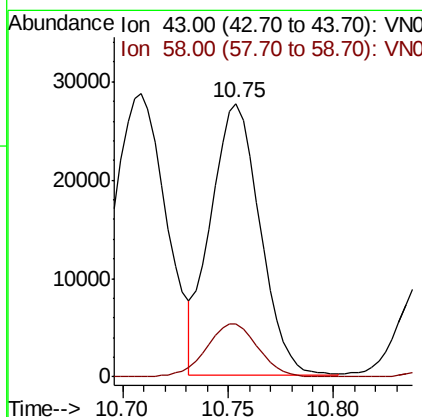
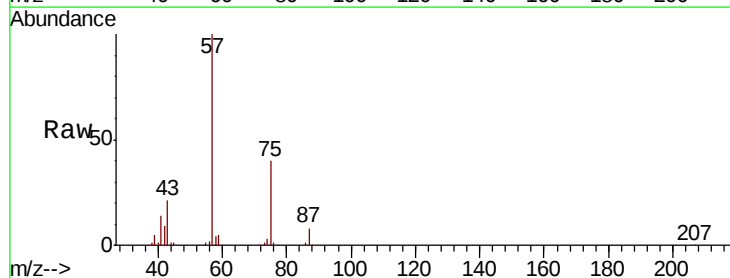
Instrument :
 MSVOA_N
 ClientSampleId :

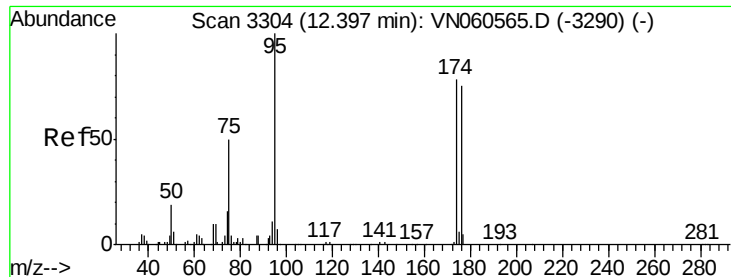
Tot Ion: 76 Resp: 3031
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 19.475 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: VN060904.D
 Acq: 8 Apr 2020 16:25

Tgt Ion: 43 Resp: 44851
 Ion Ratio Lower Upper
 43 100
 58 20.7 26.7 80.1#





#62

4-Bromofluorobenzene

Concen: 52.619 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampleId :

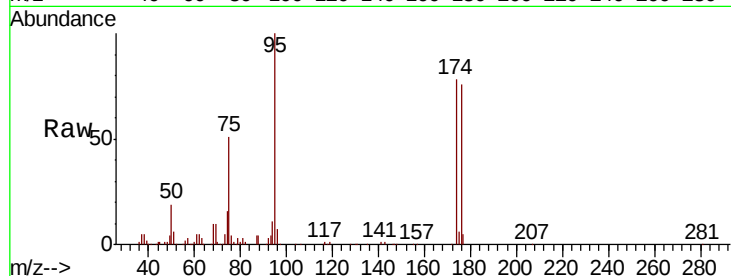
Tot Ion: 95 Resp: 155078

Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

176 75.9 0.0 150.6

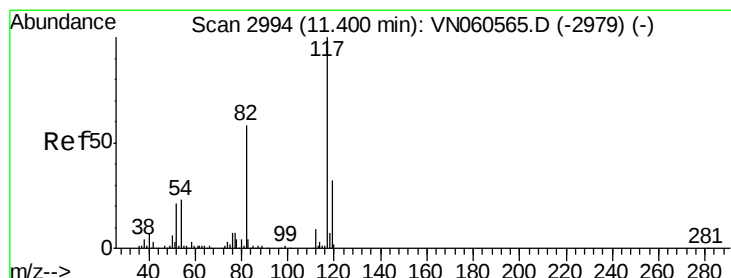
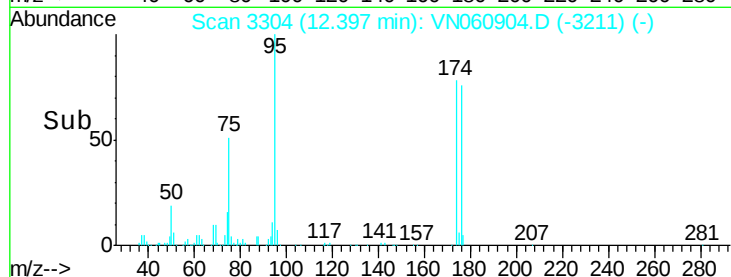
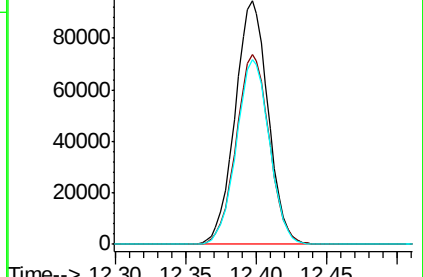


Abundance Ion 94.90 (94.60 to 95.60): VN060904.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060904.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060904.D (-3211) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

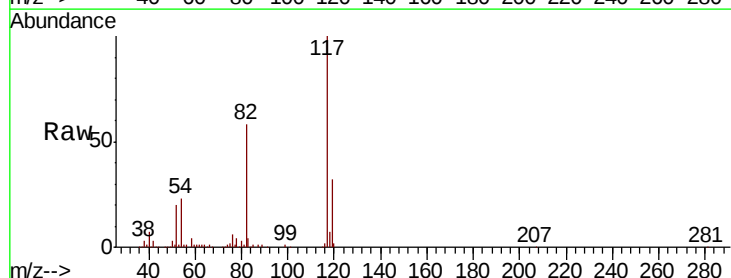
Tgt Ion: 117 Resp: 313568

Ion Ratio Lower Upper

117 100

82 57.7 46.7 70.1

119 31.8 25.5 38.3

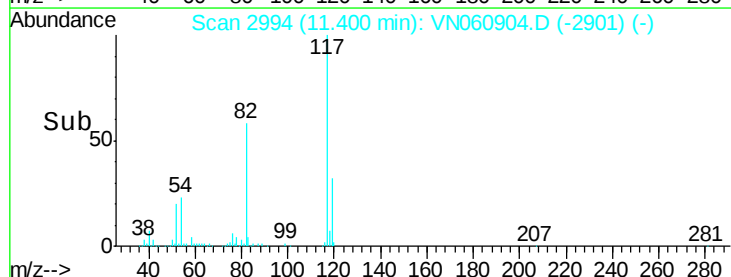
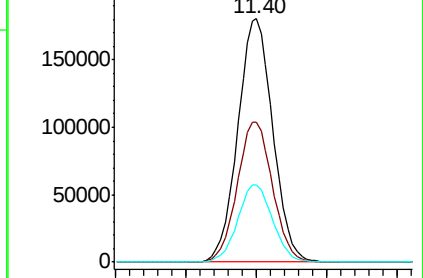


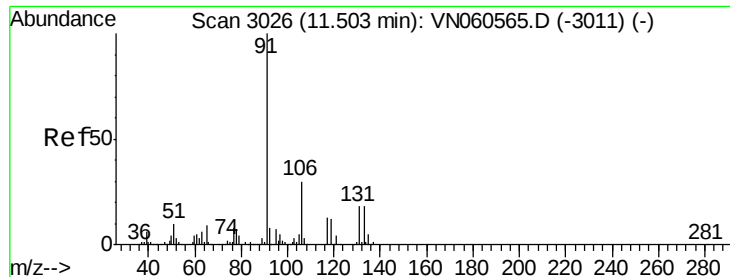
Abundance Ion 116.90 (116.60 to 117.60): VN060904.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060904.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060904.D (-2901) (-)

11.40

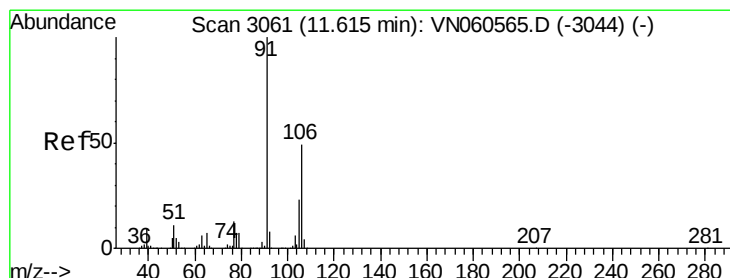
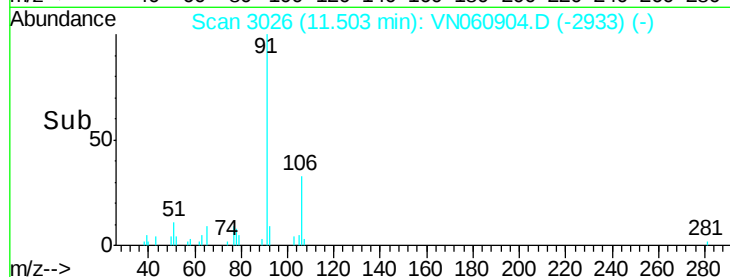
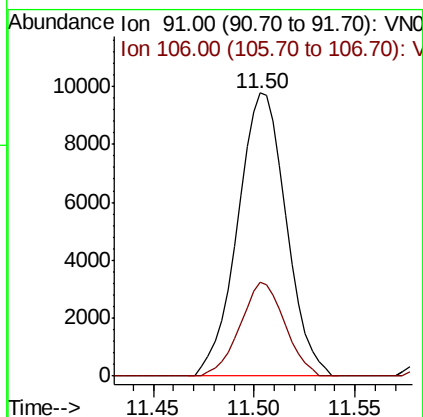
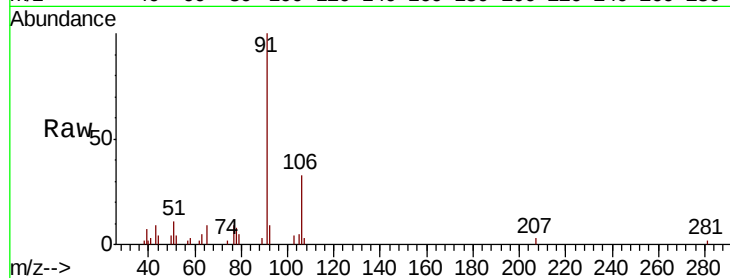




#67
Ethyl Benzene
Concen: 1.426 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

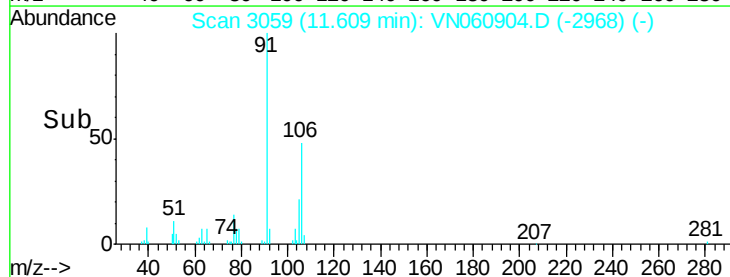
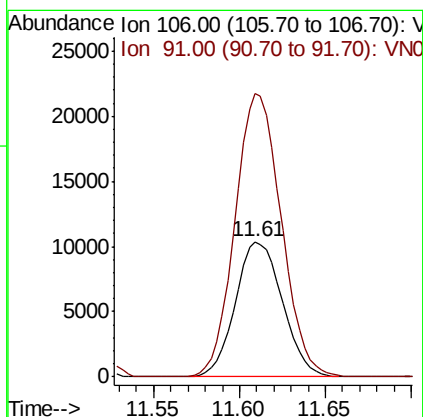
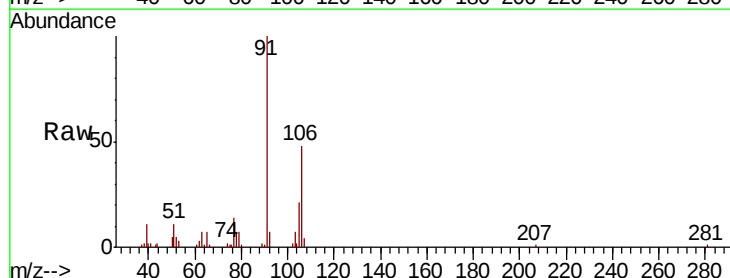
Instrument :
MSVOA_N
ClientSampled :

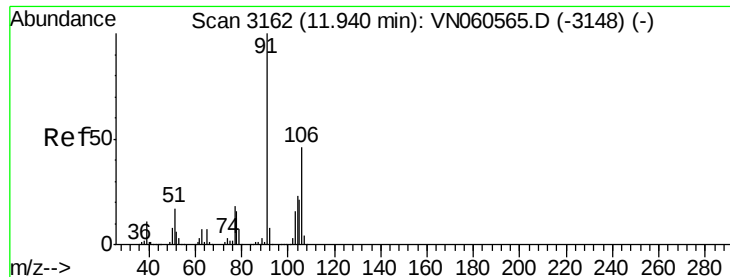
Tot Ion: 91 Resp: 16483
Ion Ratio Lower Upper
91 100
106 33.2 24.2 36.2



#68
m/p-Xylenes
Concen: 4.590 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion: 106 Resp: 19719
Ion Ratio Lower Upper
106 100
91 205.9 165.0 247.4

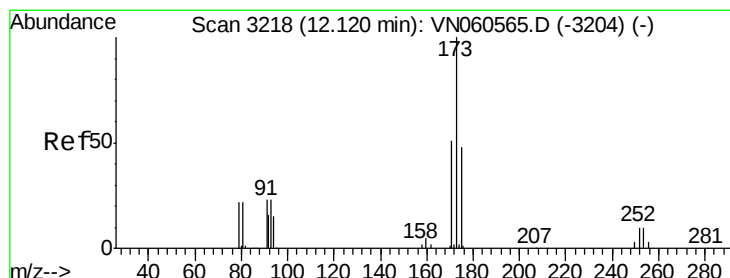
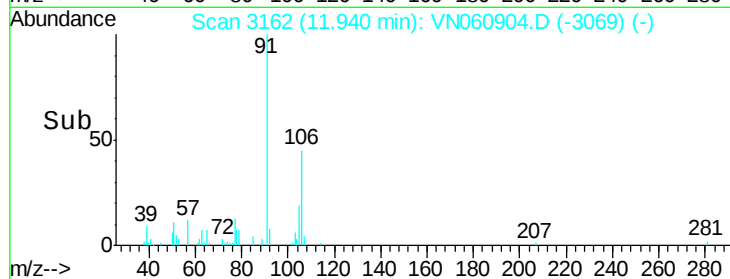
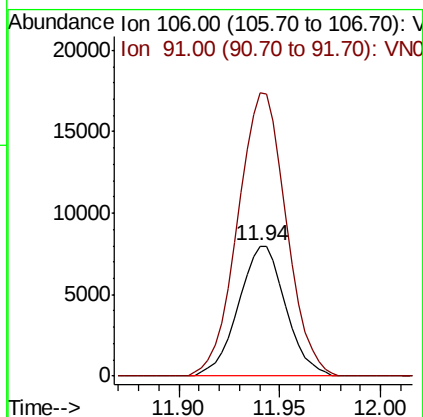
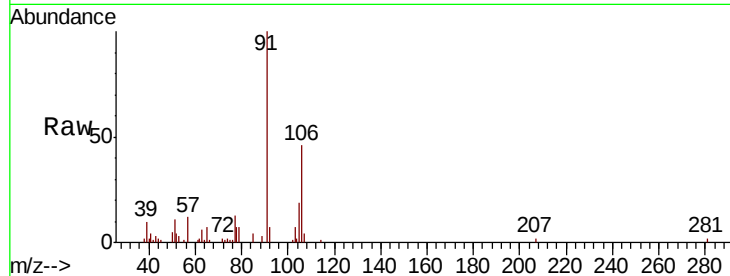




#69
o-Xylene
Concen: 3.185 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

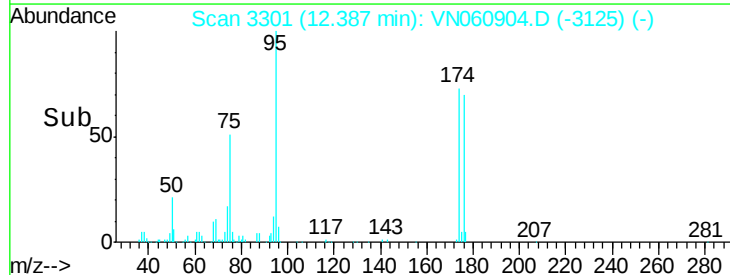
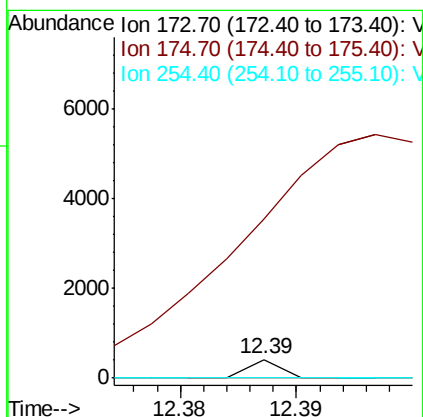
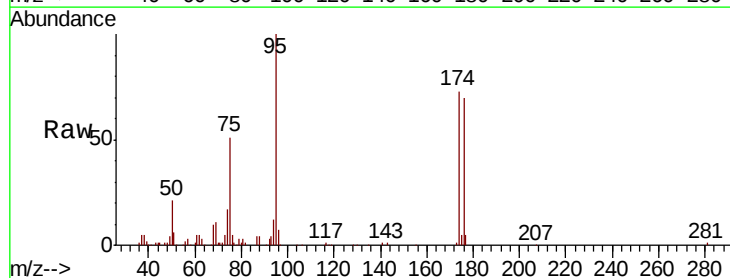
Instrument :
MSVOA_N
ClientSampled :

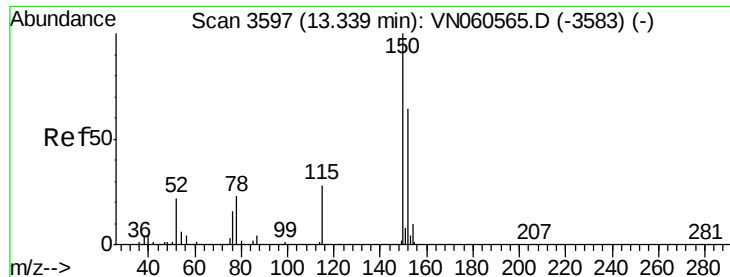
Tot Ion:106 Resp: 13063
Ion Ratio Lower Upper
106 100
91 224.4 109.5 328.4



#71
Bromoform
Concen: 1.722 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.27 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion:173 Resp: 81
Ion Ratio Lower Upper
173 100
175 9393.8 24.1 72.4#
254 0.0 0.0 0.0



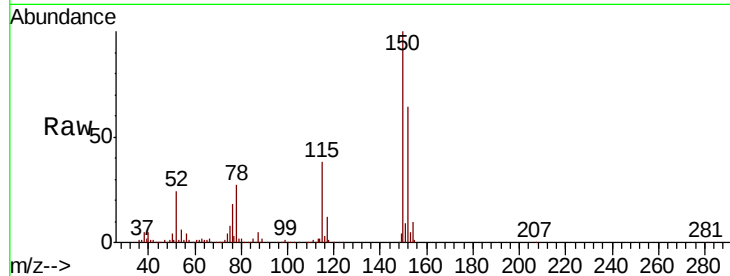


#72

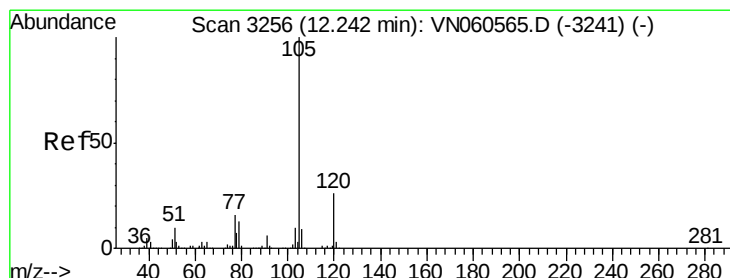
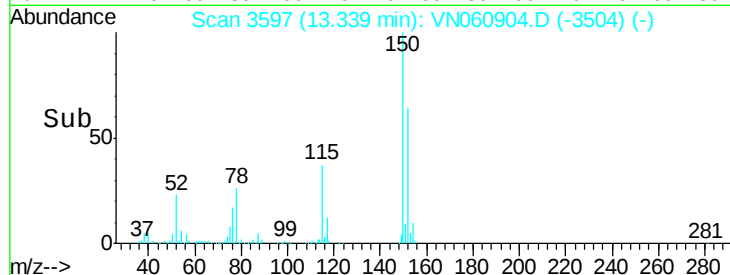
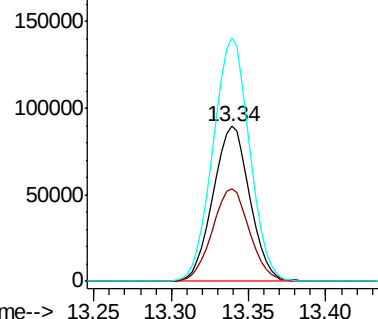
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.2	90.6
150	156.6	0.0	350.2



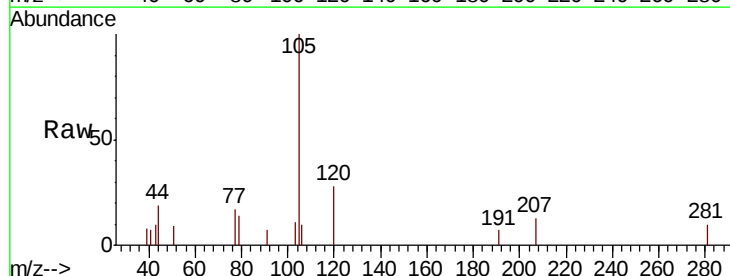
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



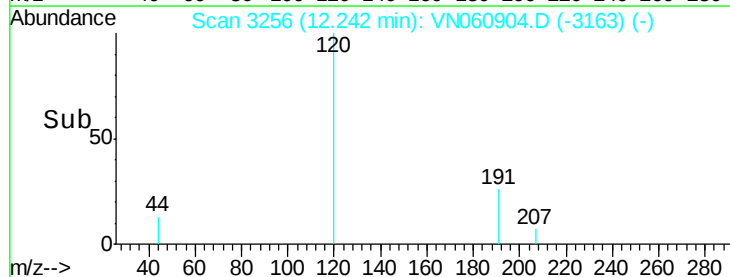
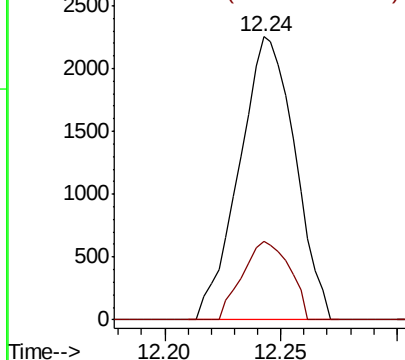
#73

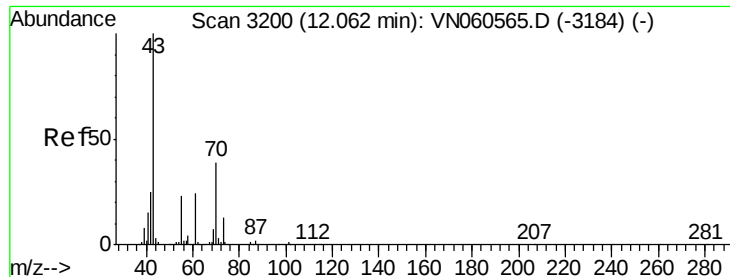
Isopropylbenzene
Concen: 0.338 ug/l
RT: 12.24 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN060904.D
Acq: 8 Apr 2020 16:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.6	13.1	39.1



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





#74

N-amyl acetate

Concen: 0.825 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 4230

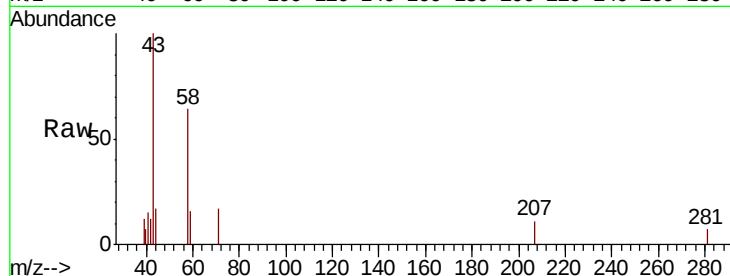
Ion Ratio Lower Upper

43 100

70 0.0 31.1 46.7#

55 3.2 18.6 27.8#

61 0.0 18.9 28.3#

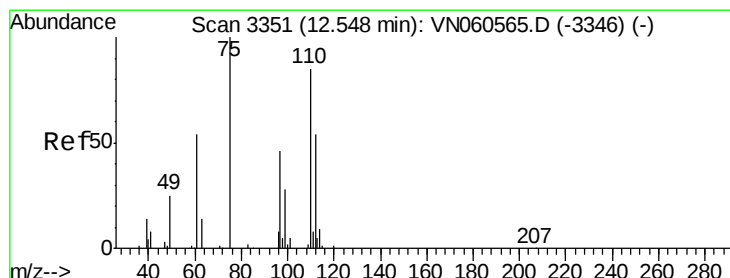
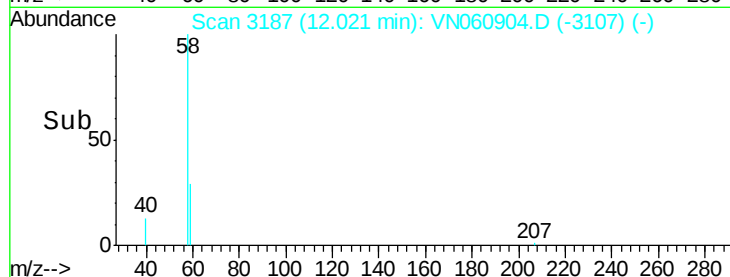
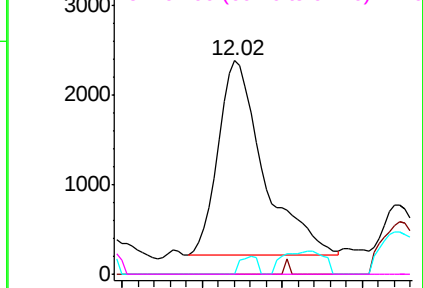


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 24.519 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060904.D

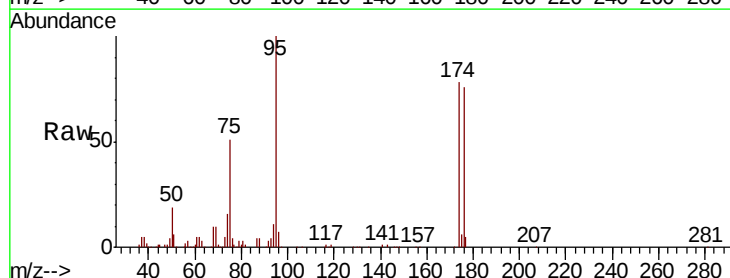
Acq: 8 Apr 2020 16:25

Tgt Ion: 75 Resp: 78205

Ion Ratio Lower Upper

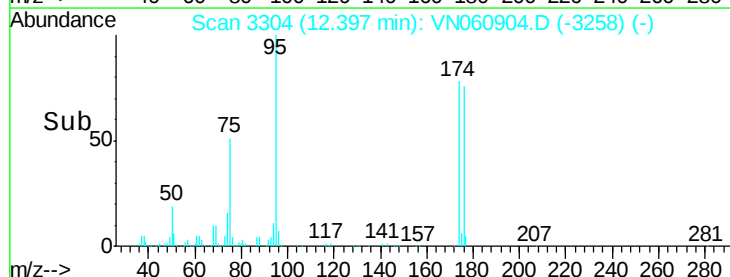
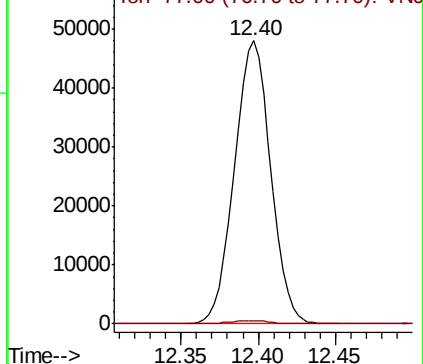
75 100

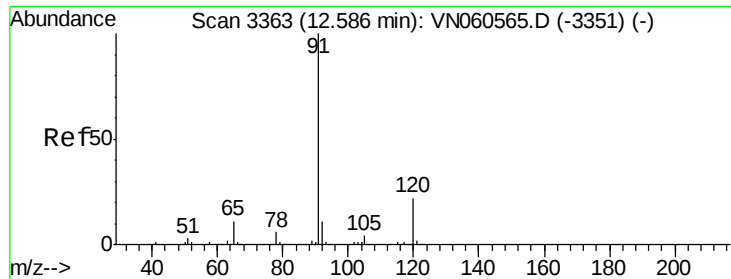
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.706 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

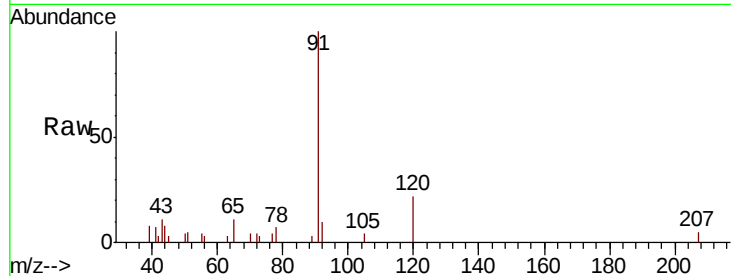
ClientSampleId :

Tot Ion: 91 Resp: 9251

Ion Ratio Lower Upper

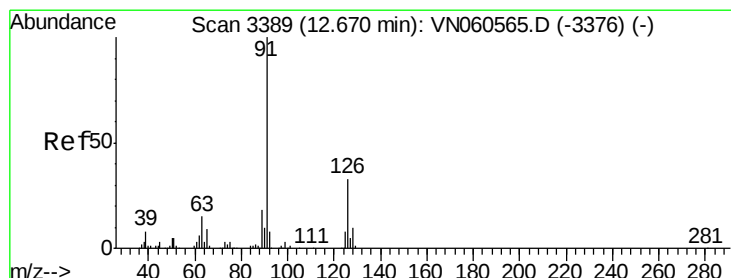
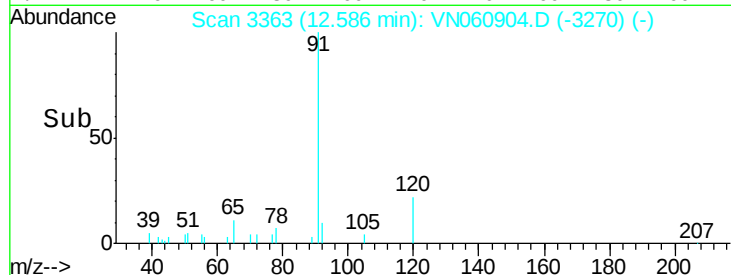
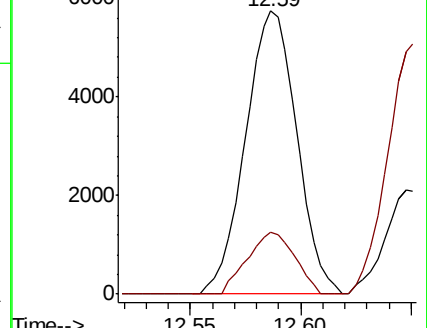
91 100

120 20.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN060904.D (-3270) (-)

Ion 120.00 (119.70 to 120.70): VN060904.D (-3270) (-)



#79

2-Chlorotoluene

Concen: 0.433 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.02 min

Lab File: VN060904.D

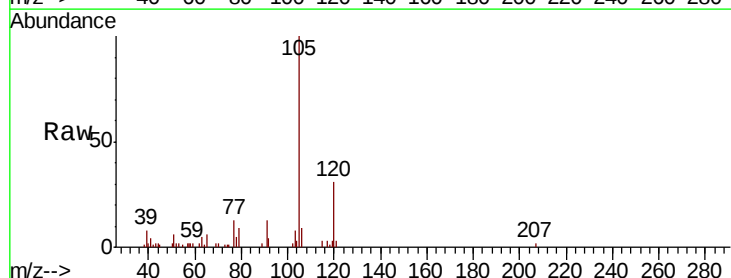
Acq: 8 Apr 2020 16:25

Tgt Ion: 91 Resp: 3391

Ion Ratio Lower Upper

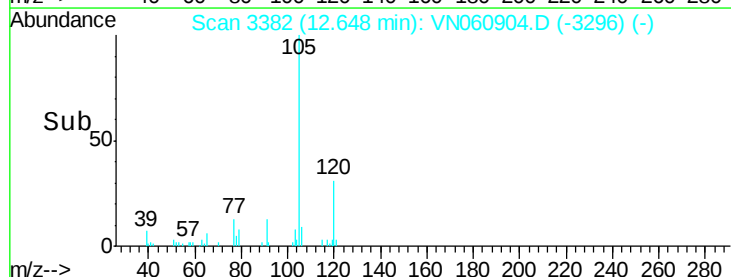
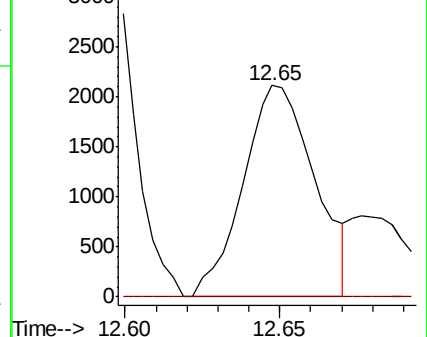
91 100

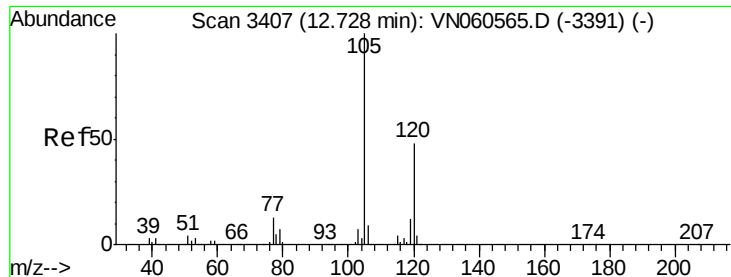
126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN060904.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060904.D (-3296) (-)





#80

1,3,5-Trimethylbenzene

Concen: 1.224 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

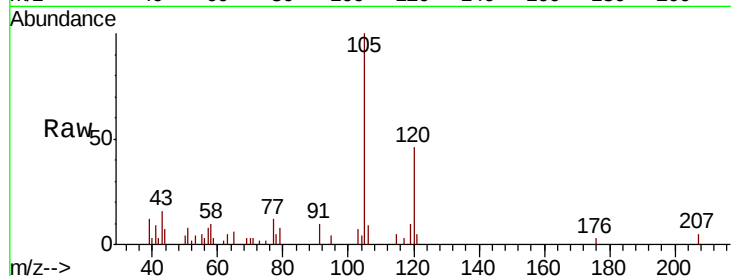
ClientSampled :

Tot Ion:105 Resp: 11521

Ion Ratio Lower Upper

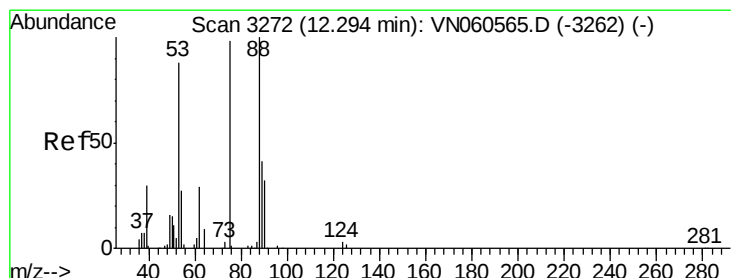
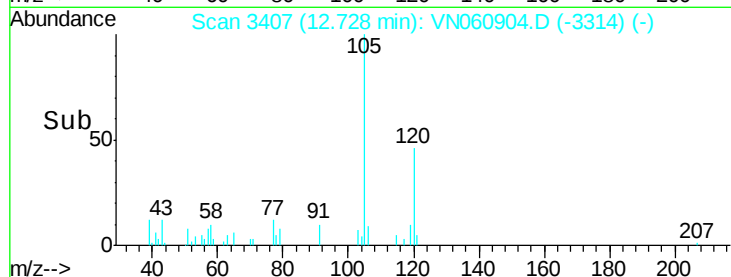
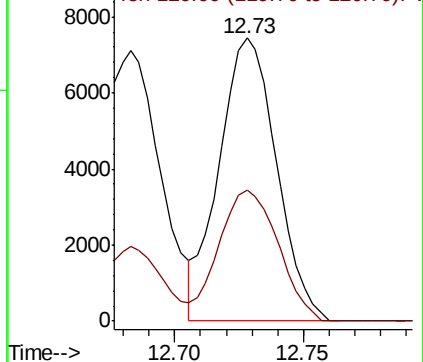
105 100

120 47.7 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: 62.971 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

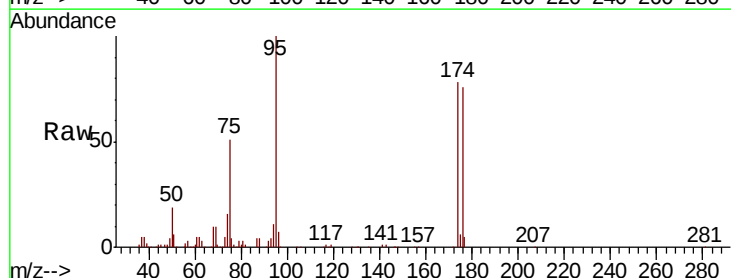
Tgt Ion: 75 Resp: 78205

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

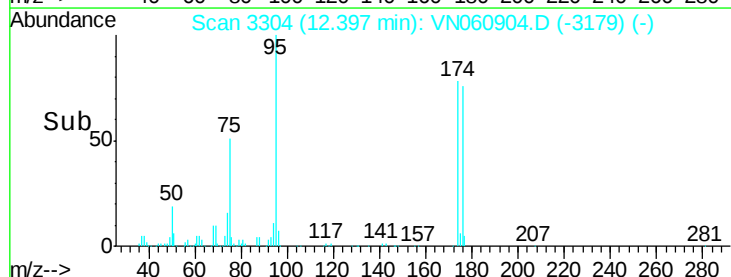
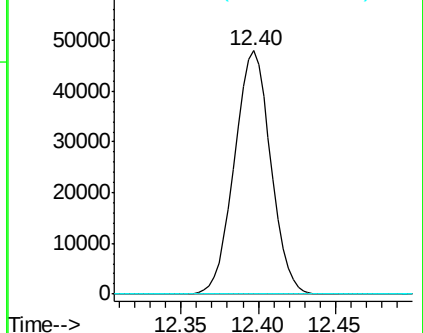
89 0.0 34.8 52.2#

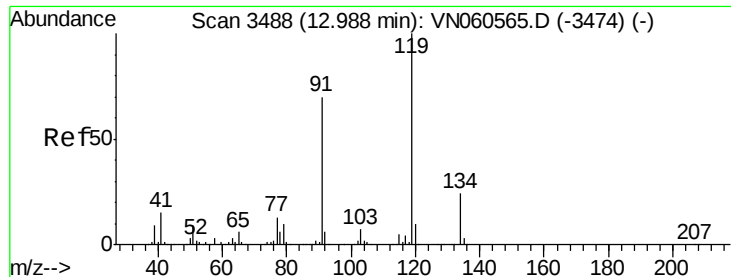


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.759 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampled :

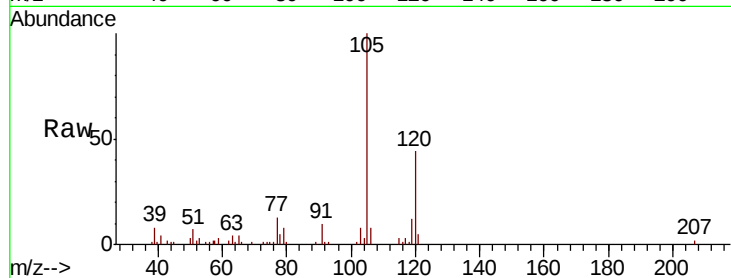
Tot Ion:119 Resp: 5925

Ion Ratio Lower Upper

119 100

91 86.6 34.0 101.8

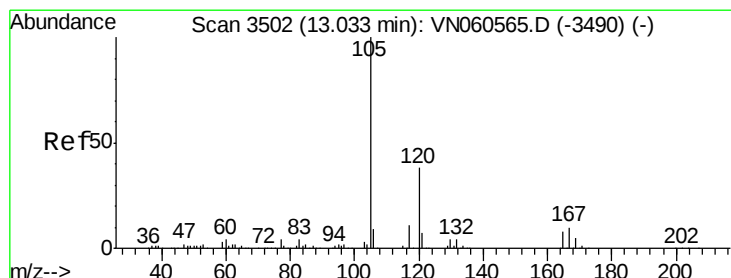
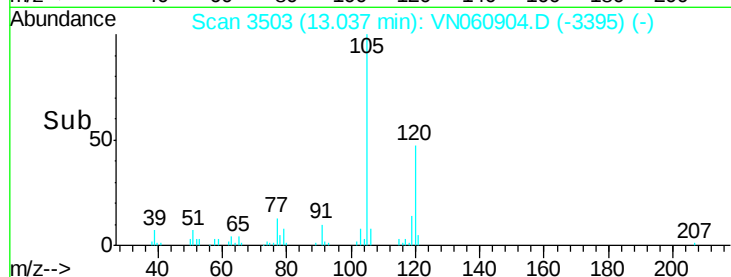
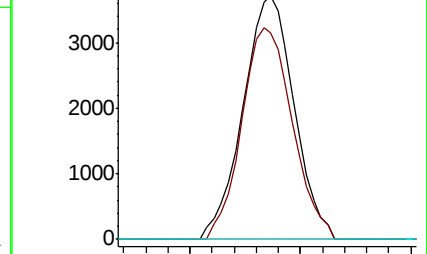
134 0.0 12.7 38.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.415 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060904.D

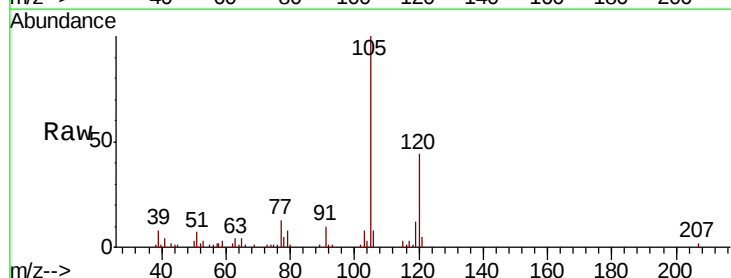
Acq: 8 Apr 2020 16:25

Tgt Ion:105 Resp: 50429

Ion Ratio Lower Upper

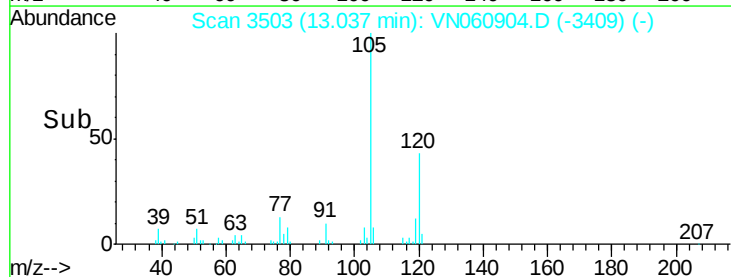
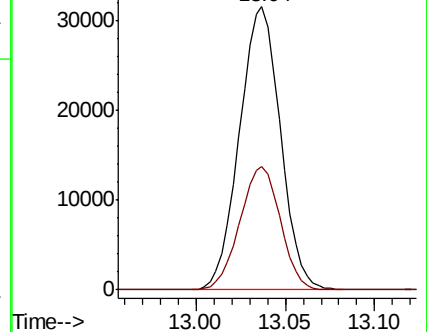
105 100

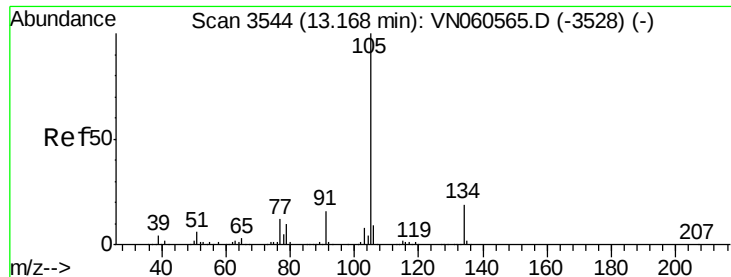
120 43.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.250 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

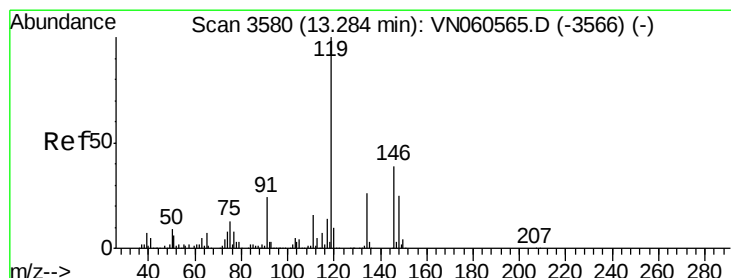
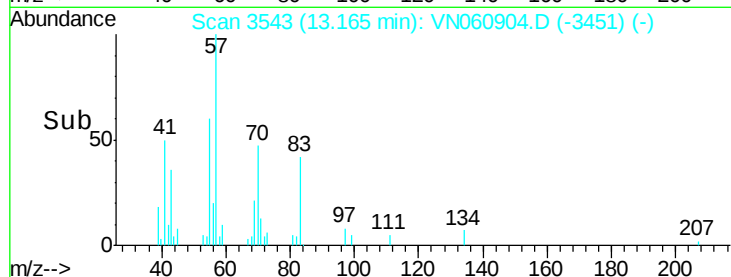
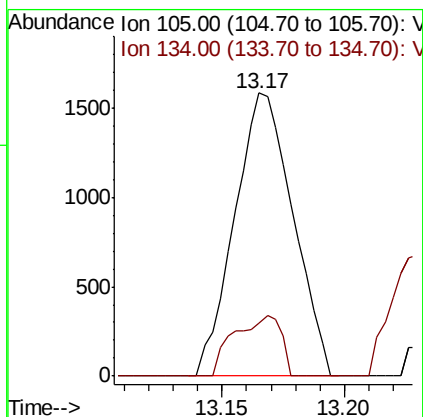
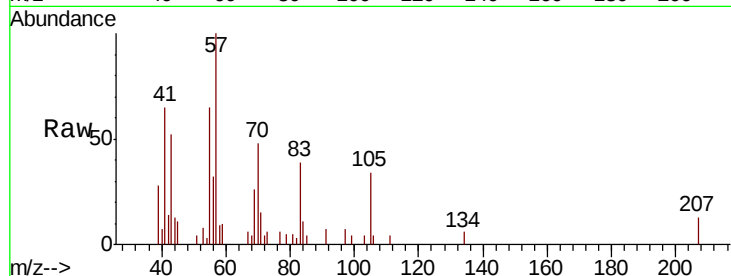
ClientSampleId :

Tot Ion:105 Resp: 2621

Ion Ratio Lower Upper

105 100

134 17.1 9.6 28.8



#86

p-Isopropyltoluene

Concen: 0.782 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

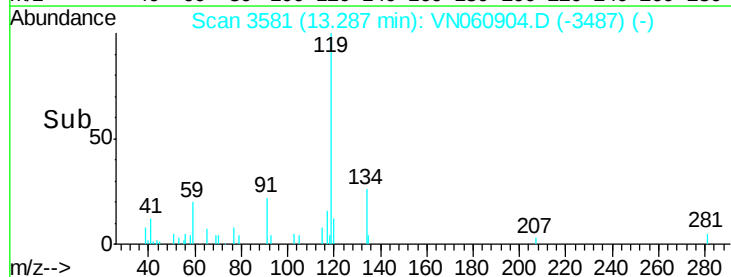
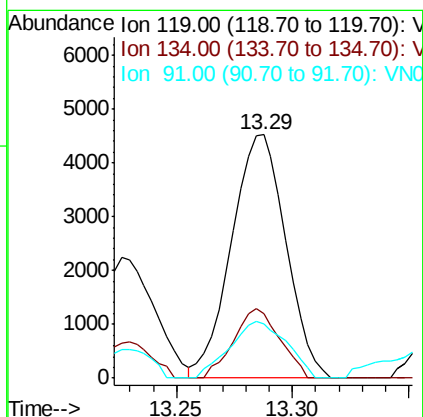
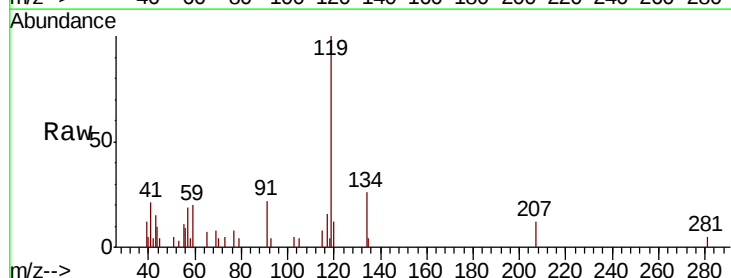
Tgt Ion:119 Resp: 7384

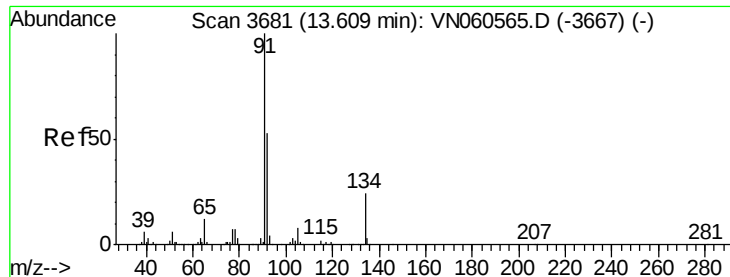
Ion Ratio Lower Upper

119 100

134 24.1 13.0 39.0

91 24.1 12.0 36.0





#89

n-Butylbenzene

Concen: 0.364 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060904.D

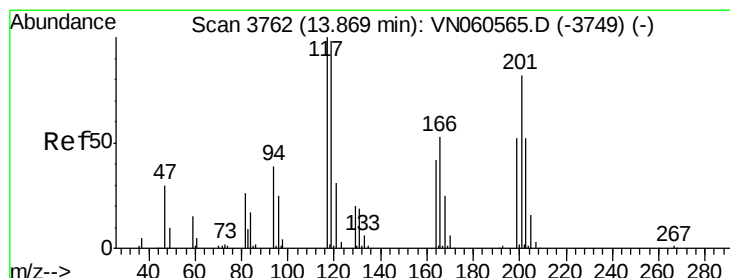
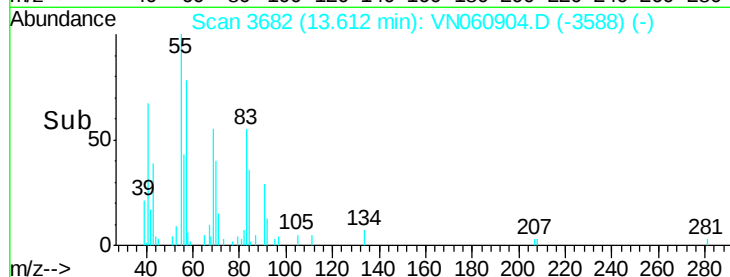
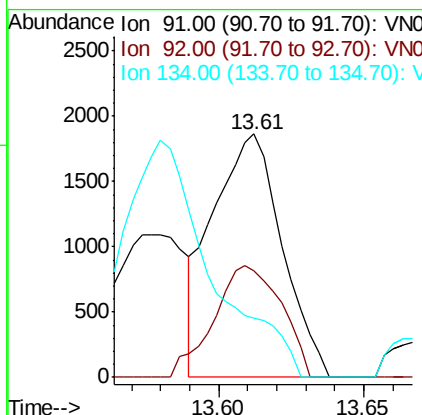
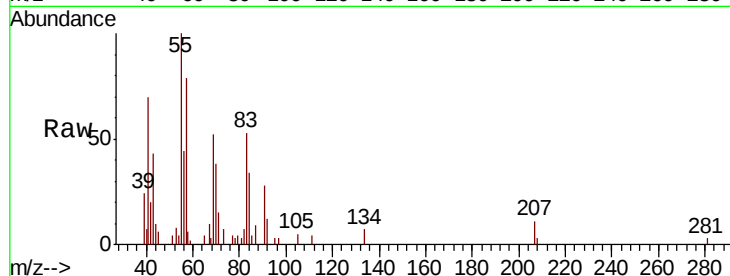
Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	91.00	Resp:	3100
Ion	Ratio	Lower	Upper
91	100		
92	44.6	26.2	78.5
134	0.0	12.3	36.9#



#90

Hexachloroethane

Concen: 0.591 ug/l

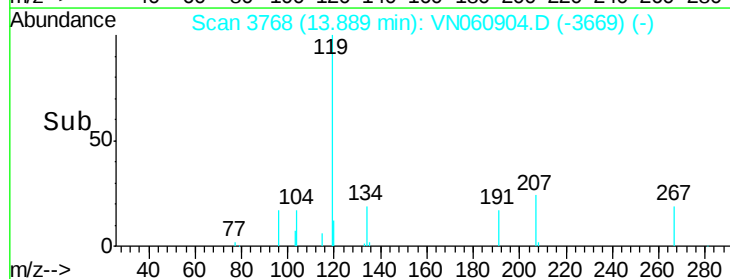
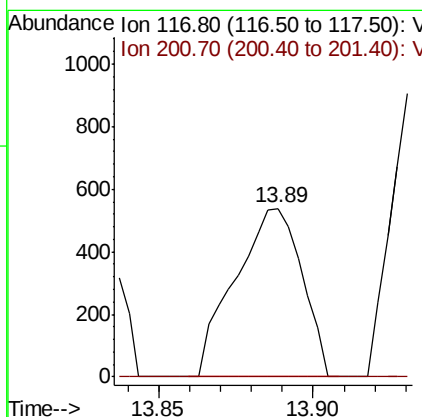
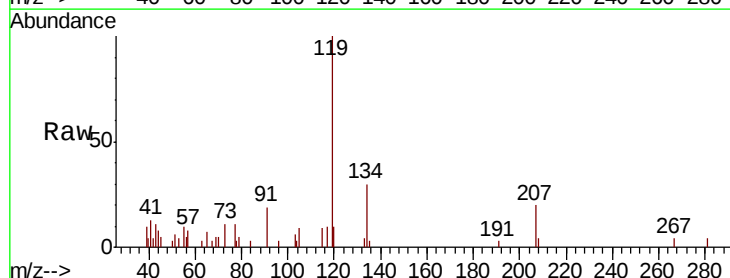
RT: 13.89 min Scan# 3768

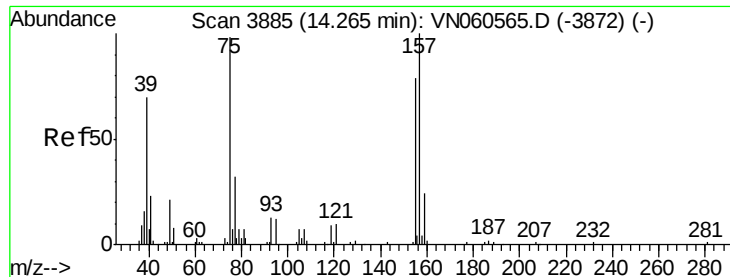
Delta R.T. 0.02 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Tgt Ion:	117	Resp:	811
Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.8	122.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.47 min Scan# 3950

Delta R.T. 0.21 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

Instrument :

MSVOA_N

ClientSampleId :

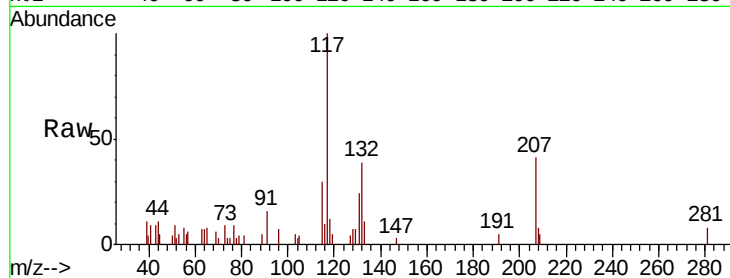
Tot Ion: 75 Resp: 31

Ion Ratio Lower Upper

75 100

155 0.0 40.7 122.1#

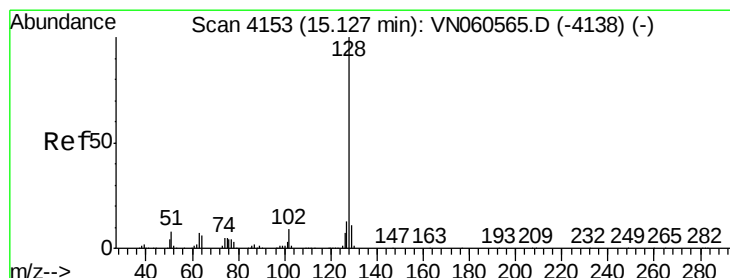
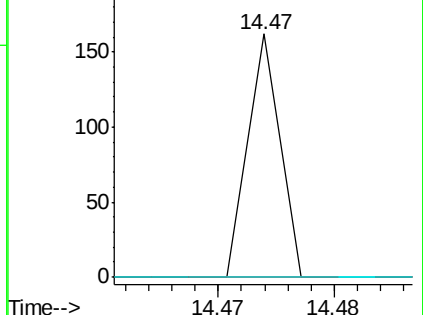
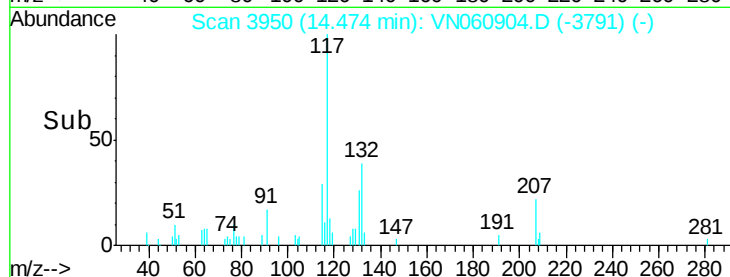
157 0.0 51.5 154.7#



Abundance Ion 74.90 (74.60 to 75.60): VN060904.D (-3791) (-)

Ion 154.80 (154.50 to 155.50): VN060904.D (-3791) (-)

Ion 156.80 (156.50 to 157.50): VN060904.D (-3791) (-)



#95

Naphthalene

Concen: 1.735 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060904.D

Acq: 8 Apr 2020 16:25

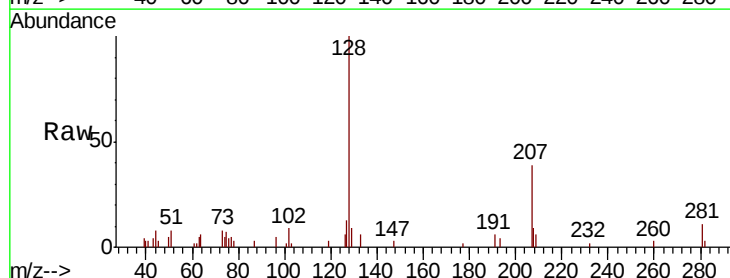
Tgt Ion: 128 Resp: 14450

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.2

129 9.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VN060904.D (-4060) (-)

Ion 127.00 (126.70 to 127.70): VN060904.D (-4060) (-)

Ion 129.00 (128.70 to 129.70): VN060904.D (-4060) (-)

