

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060123.D
 Acq On : 17 Feb 2020 16:38
 Operator : JC/MD
 Sample : L1530-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 18 02:07:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	293347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127841	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	114639	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
35) Dibromofluoromethane	7.57	113	88342	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
50) Toluene-d8	10.08	98	361850	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	133991	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	

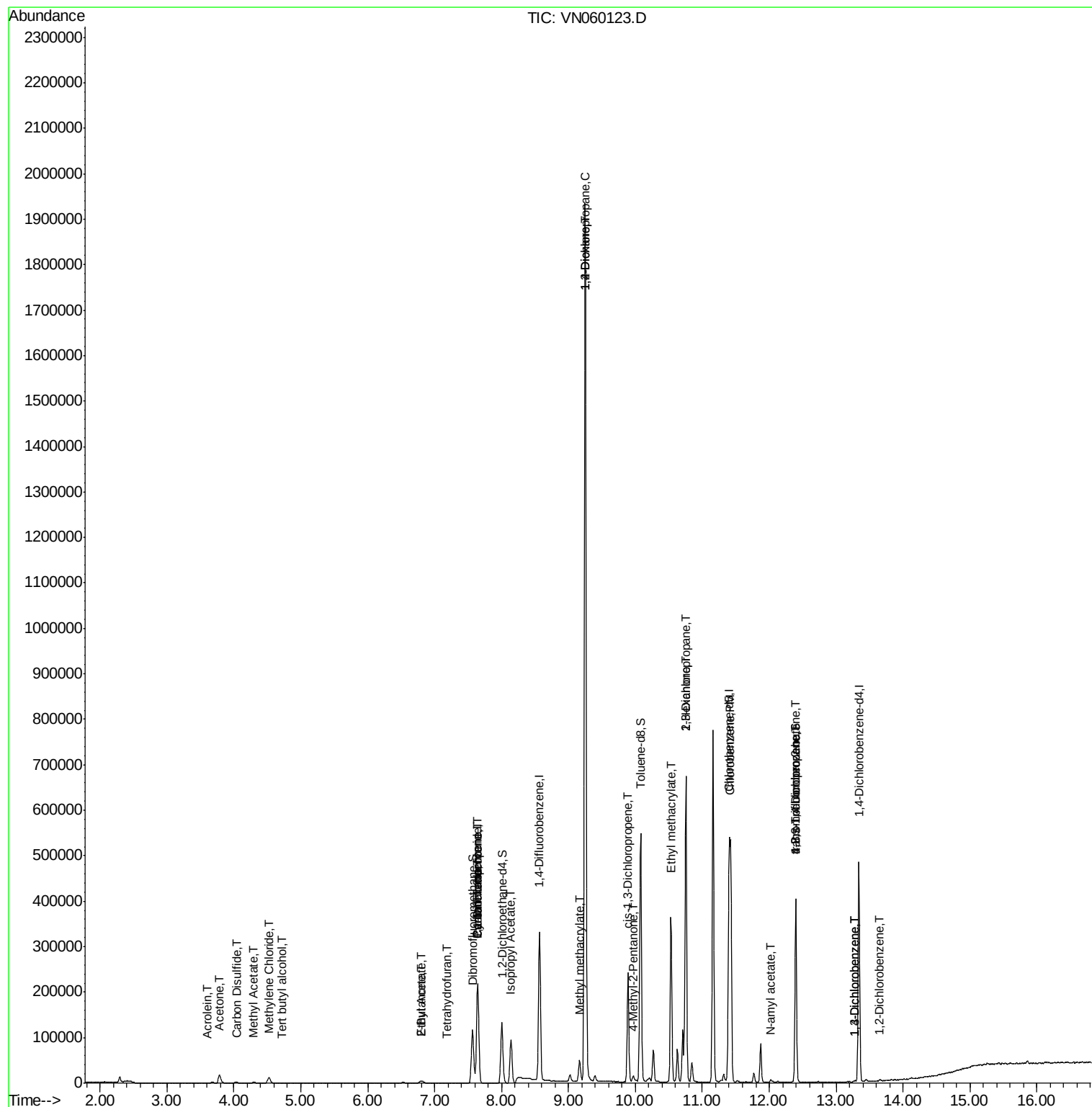
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.72	59	100	0.303	ug/l #	72
13) Acrolein	3.60	56	97	0.298	ug/l	91
16) Acetone	3.78	43	31694	32.963	ug/l	100
17) Carbon Disulfide	4.04	76	1497	0.290	ug/l #	76
18) Methyl Acetate	4.30	43	3462	1.917	ug/l #	66
20) Methylene Chloride	4.52	84	9663	5.037	ug/l	94
25) 2-Butanone	6.81	43	8582	7.097	ug/l #	79
29) Tetrahydrofuran	7.19	42	161	0.217	ug/l #	30
31) Cyclohexane	7.64	56	3860	1.238	ug/l #	9
36) 1,1-Dichloropropene	7.64	75	13965	5.140	ug/l #	49
37) Ethyl Acetate	6.81	43	8582	3.495	ug/l #	68
38) Carbon Tetrachloride	7.64	117	17256	5.848	ug/l #	15
43) Isopropyl Acetate	8.14	43	114786	27.345	ug/l #	89
45) 1,2-Dichloropropane	9.25	63	2229	1.117	ug/l #	43
48) Methyl methacrylate	9.16	41	7511	3.988	ug/l #	9
49) 1,4-Dioxane	9.25	88	175	5.438	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	8739	3.597	ug/l	99
54) cis-1,3-Dichloropropene	9.89	75	43594	12.793	ug/l #	60
56) Ethyl methacrylate	10.54	69	745	0.261	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	6587	1.980	ug/l #	43
59) 2-Hexanone	10.75	43	97784	52.099	ug/l #	51
65) Chlorobenzene	11.43	112	256446	44.564	ug/l	100
74) N-ethyl acetate	12.02	43	4171	1.212	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	69571	28.444	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	69571	69.646	ug/l #	12
87) 1,3-Dichlorobenzene	13.28	146	1509	0.360	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	1509	0.360	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1407	0.343	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29	Below Cal	#	1

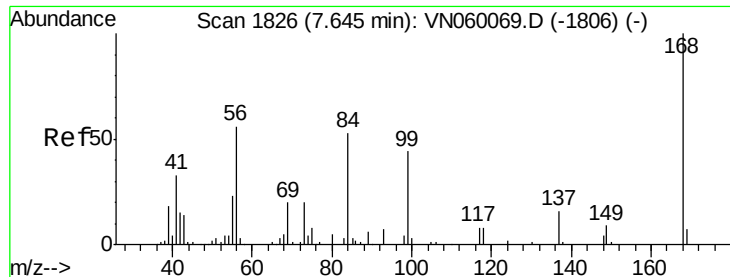
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Feb 18 02:07:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

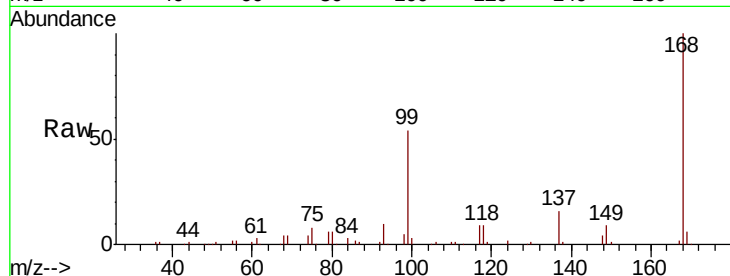
ClientSampleId :

Tot Ion:168 Resp: 181148

Ion Ratio Lower Upper

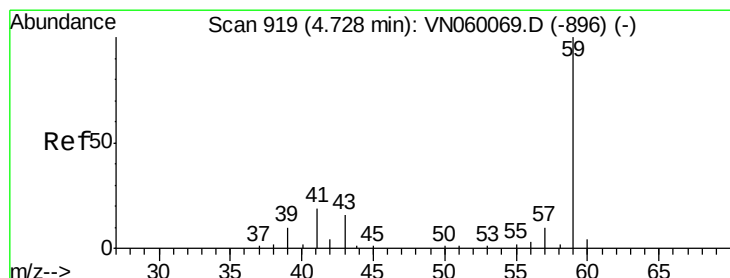
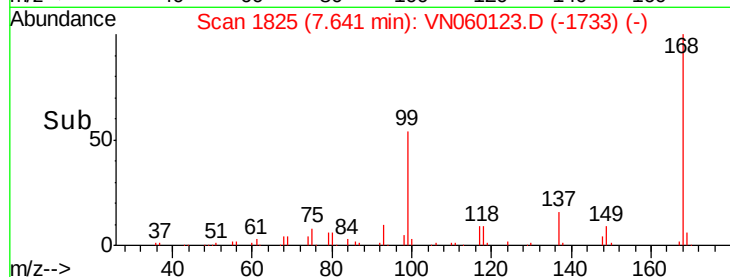
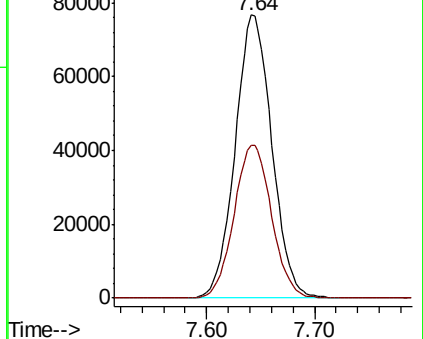
168 100

99 54.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)



#11

Tert butyl alcohol

Concen: 0.303 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN060123.D

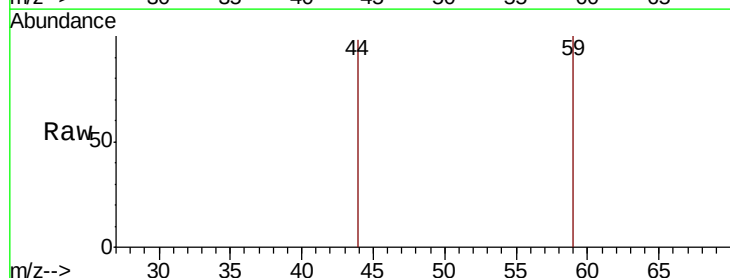
Acq: 17 Feb 2020 16:38

Tgt Ion: 59 Resp: 100

Ion Ratio Lower Upper

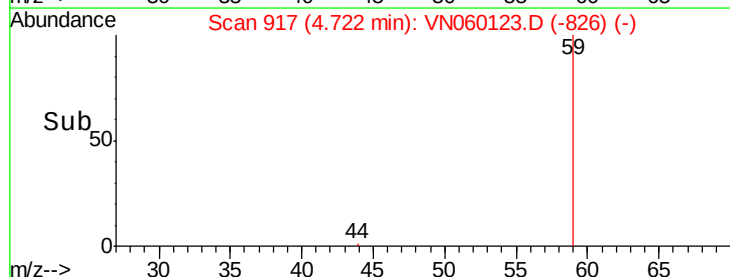
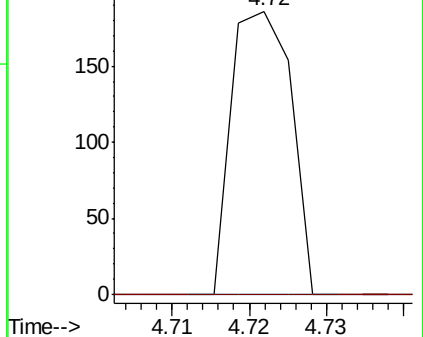
59 100

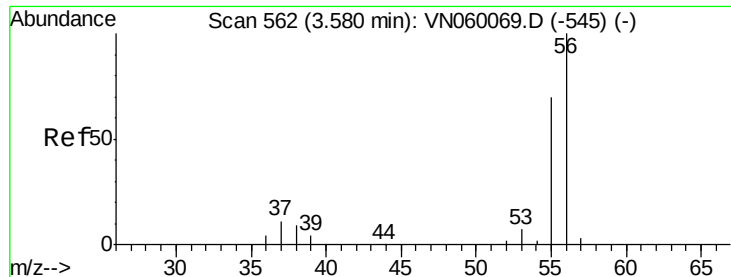
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN060069.D (-896) (-)

Ion 57.00 (56.70 to 57.70): VN060069.D (-896) (-)





#13

Acrolein

Concen: 0.298 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.02 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

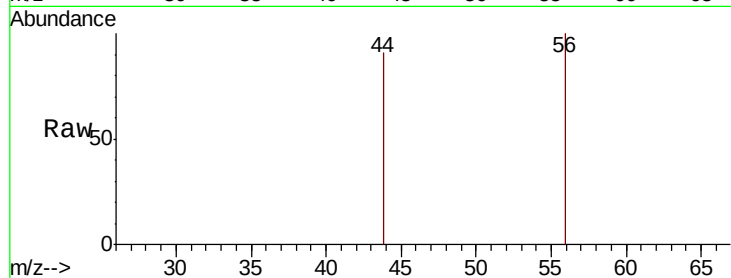
ClientSampled :

Tot Ion: 56 Resp: 97

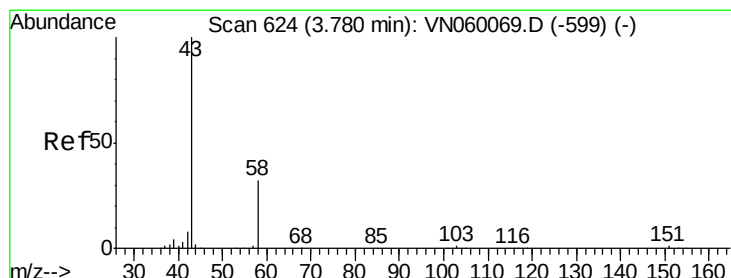
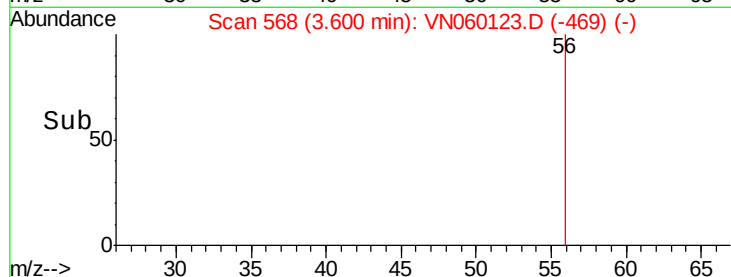
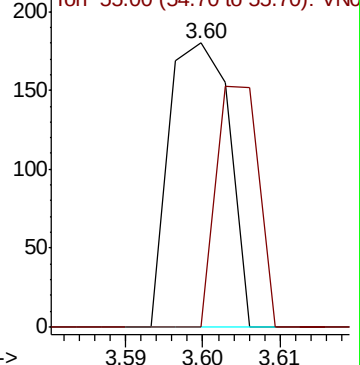
Ion Ratio Lower Upper

56 100

55 60.8 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060123.D (-545) (-)



#16

Acetone

Concen: 32.963 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060123.D

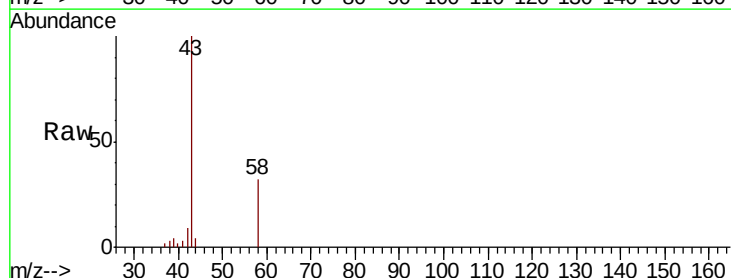
Acq: 17 Feb 2020 16:38

Tgt Ion: 43 Resp: 31694

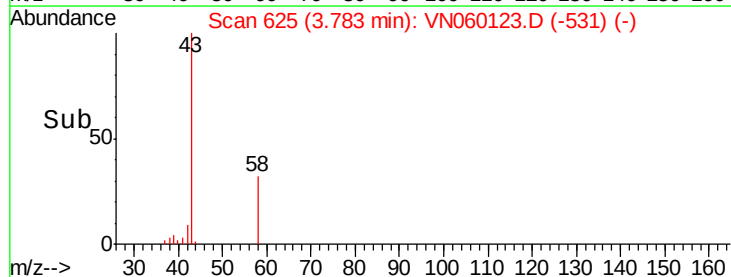
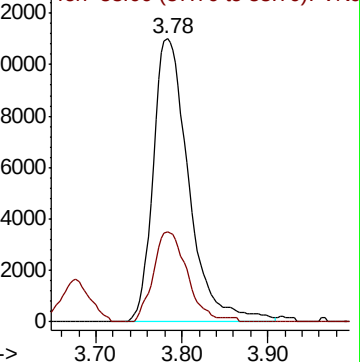
Ion Ratio Lower Upper

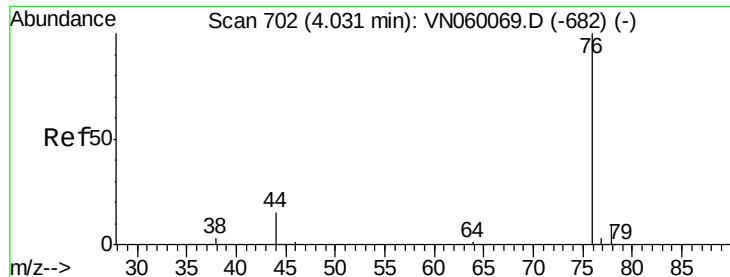
43 100

58 31.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060123.D (-531) (-)

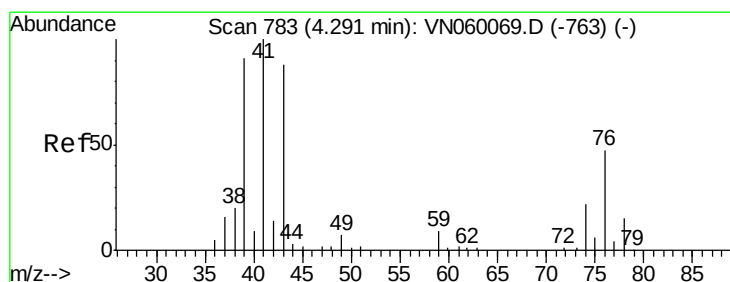
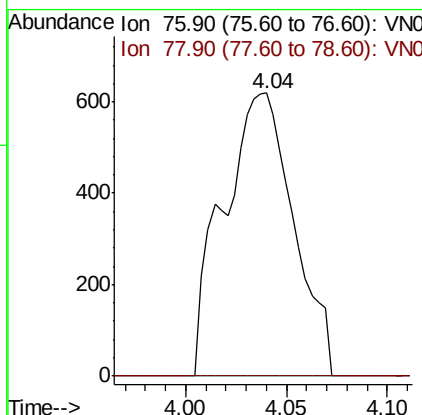
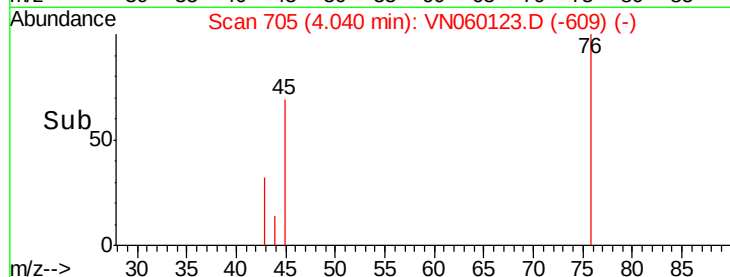
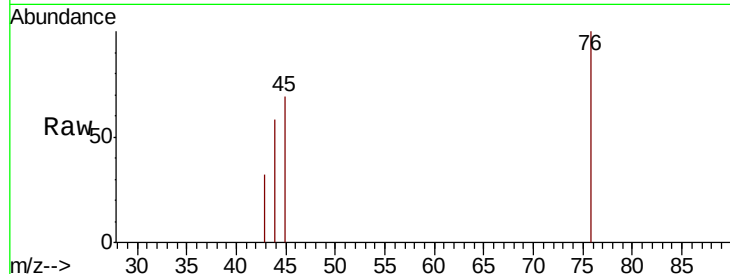




#17
Carbon Disulfide
Concen: 0.290 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.01 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

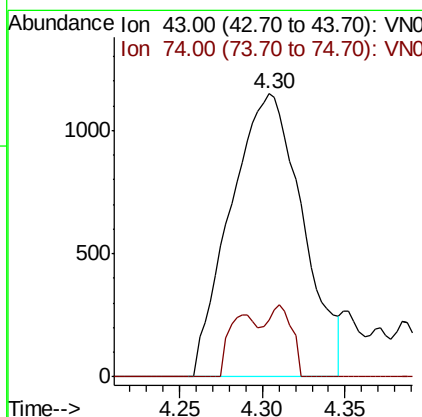
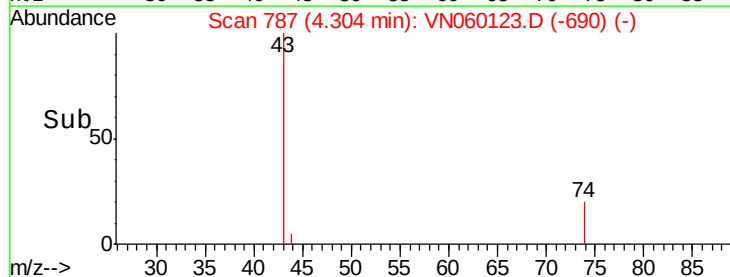
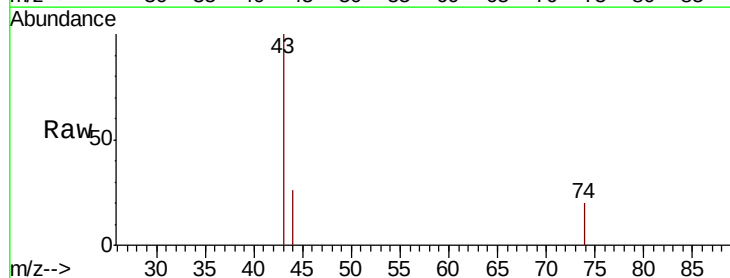
Instrument :
MSVOA_N
ClientSampled :

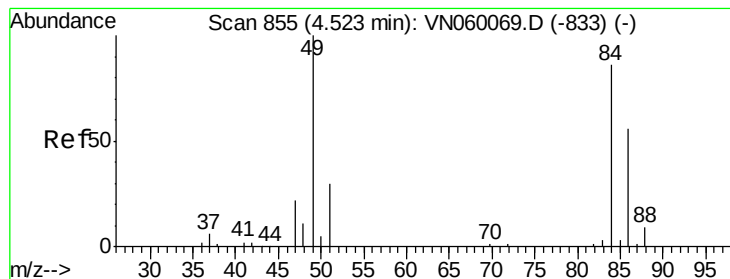
Tot Ion: 76 Resp: 1497
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 1.917 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Tgt Ion: 43 Resp: 3462
Ion Ratio Lower Upper
43 100
74 8.0 20.3 30.5#





#20

Methvlene Chloride

Concen: 5.037 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 84 Resp: 9663

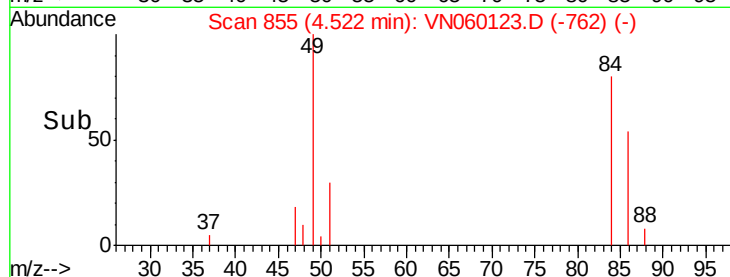
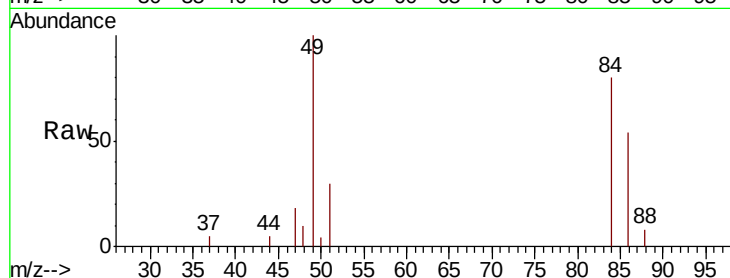
Ion Ratio Lower Upper

84 100

49 125.2 93.4 140.0

51 37.4 28.4 42.6

86 68.0 52.5 78.7

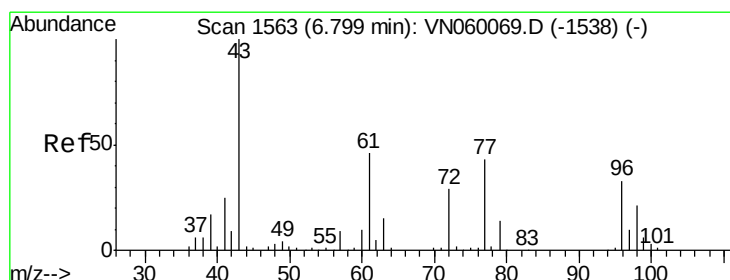
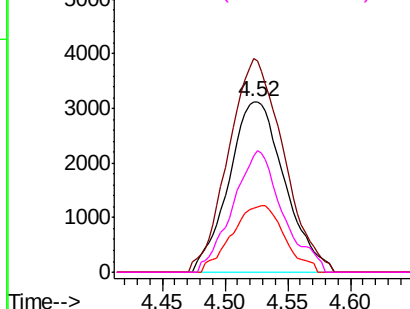


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 7.097 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN060123.D

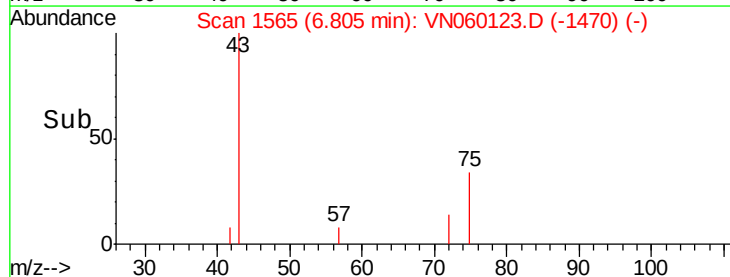
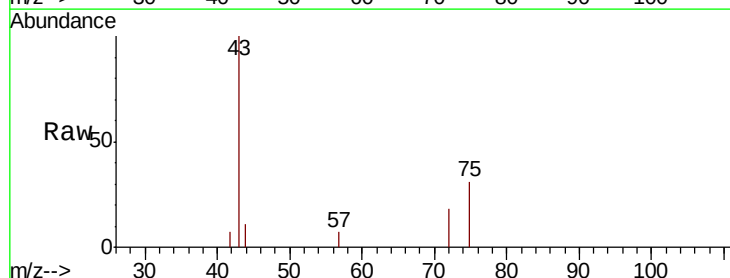
Acq: 17 Feb 2020 16:38

Tgt Ion: 43 Resp: 8582

Ion Ratio Lower Upper

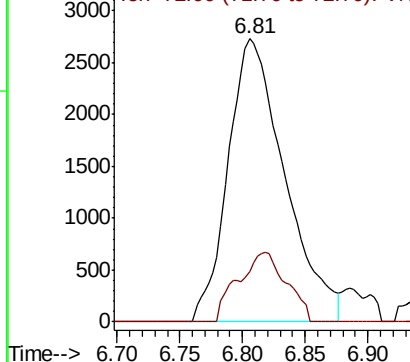
43 100

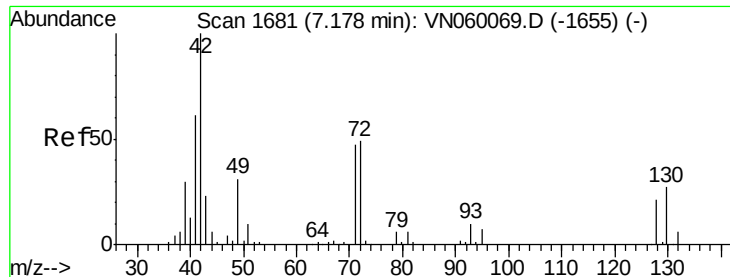
72 17.9 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

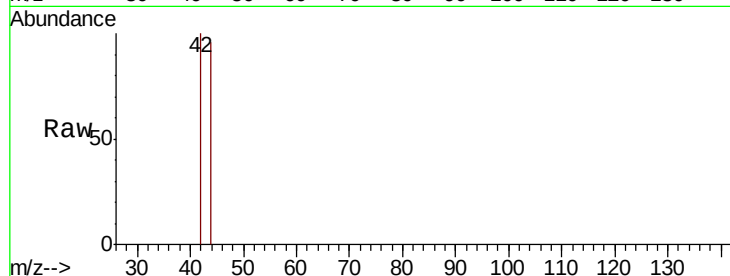




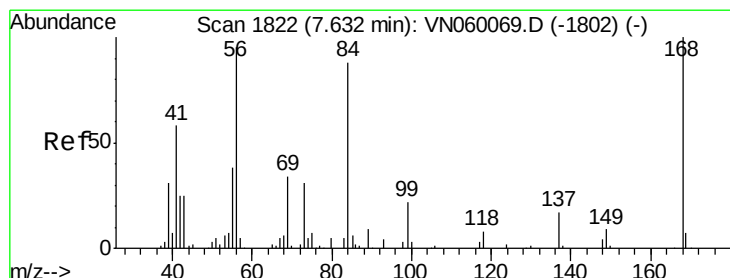
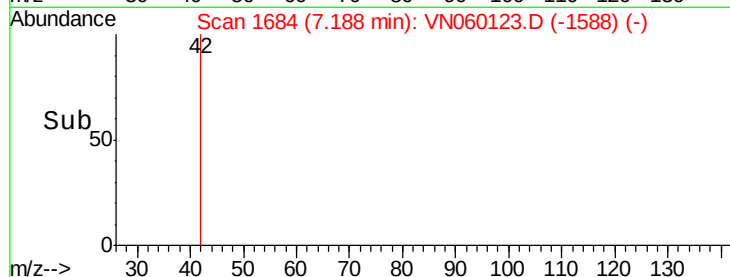
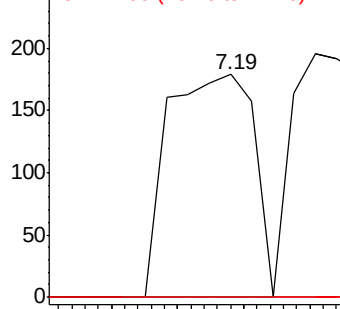
#29
Tetrahydrofuran
Concen: 0.217 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 161
Ion Ratio Lower Upper
42 100
72 0.0 38.2 57.4#
71 0.0 36.6 54.8#

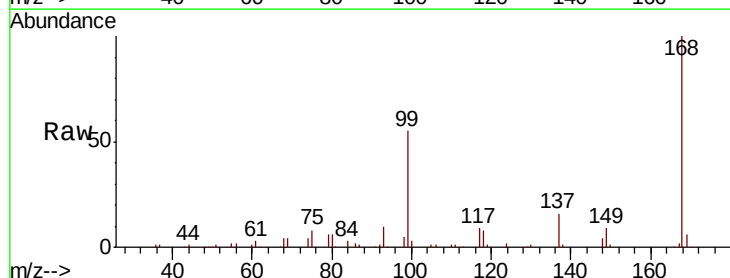


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

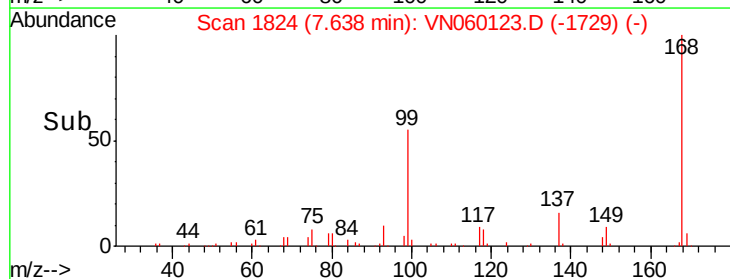
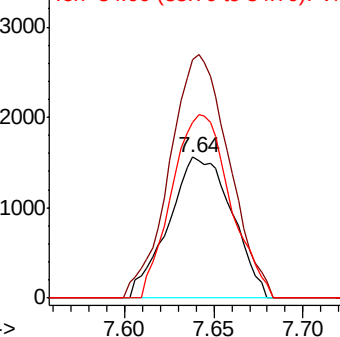


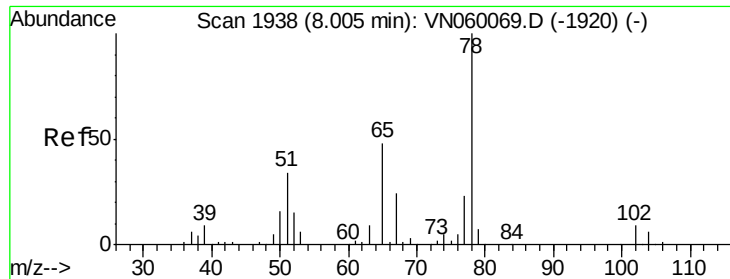
#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Tgt Ion: 56 Resp: 3860
Ion Ratio Lower Upper
56 100
69 169.3 28.3 42.5#
84 125.1 72.6 108.8#



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

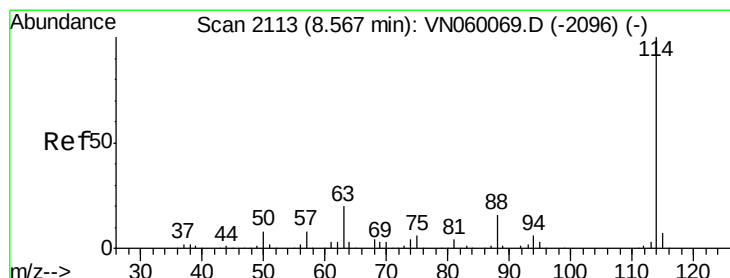
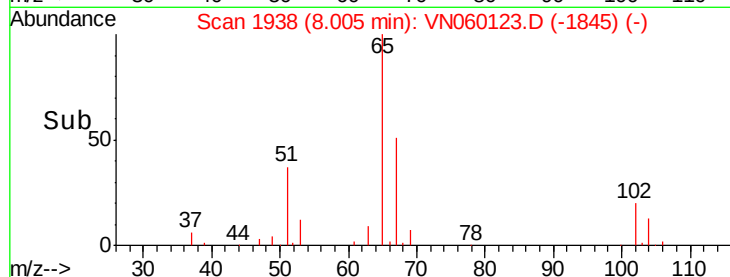
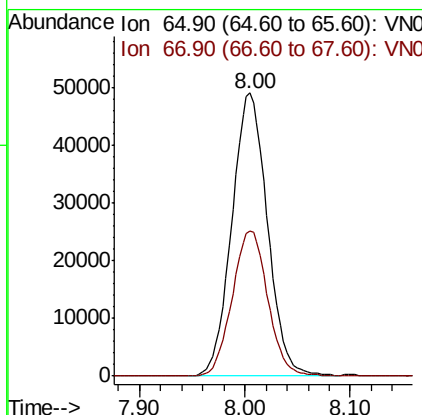
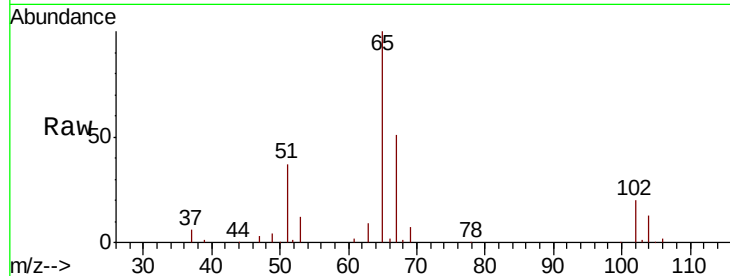




#33
 1,2-Dichloroethane-d4
 Concen: 52.008 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

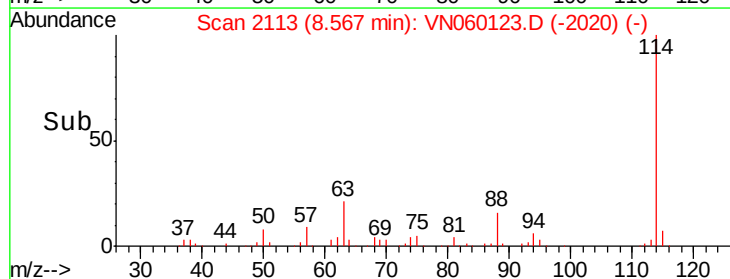
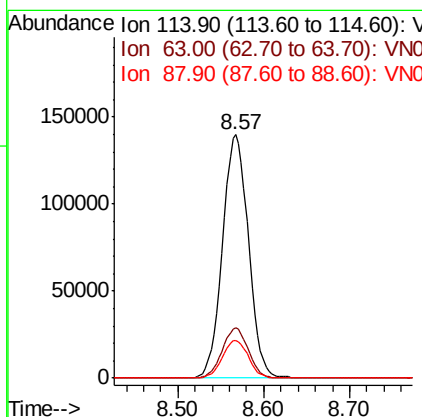
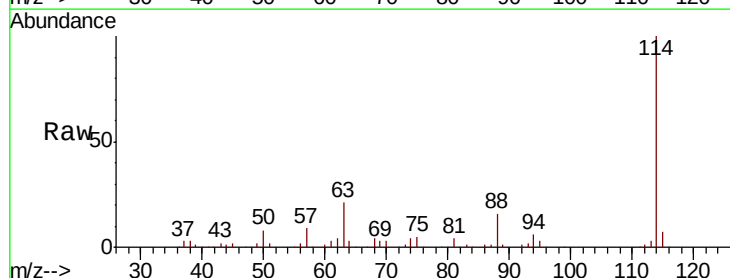
Instrument :
 MSVOA_N
 ClientSampled :

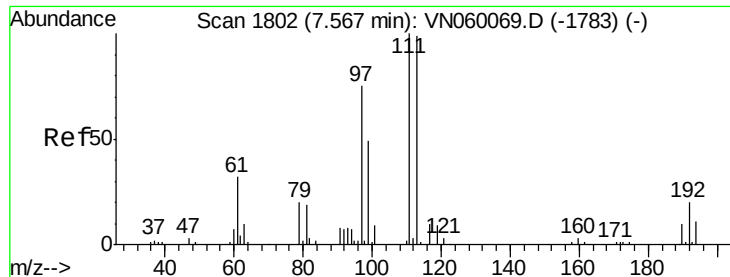
Tot Ion: 65 Resp: 114639
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

Tgt Ion: 114 Resp: 293347
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 15.5 0.0 31.6

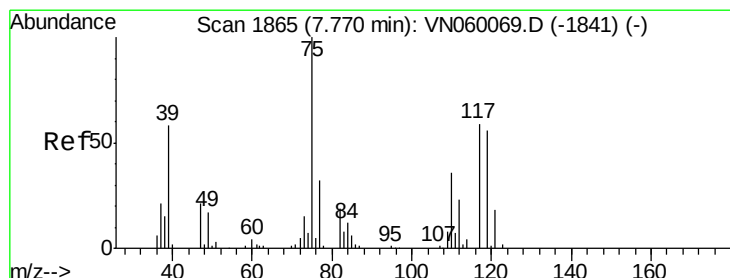
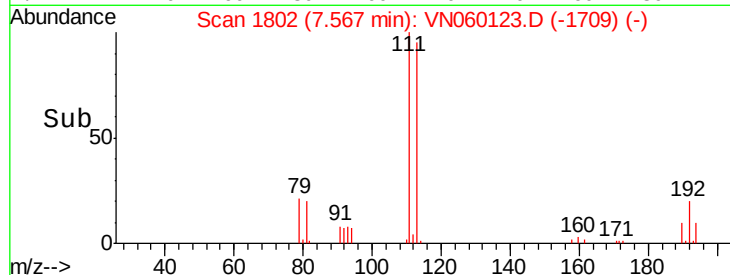
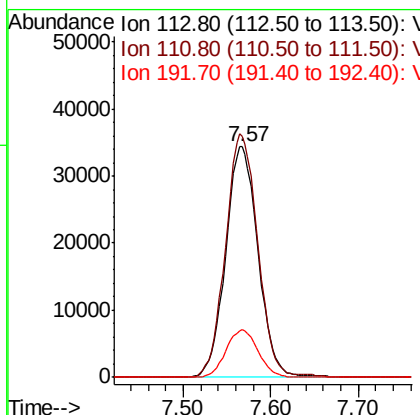
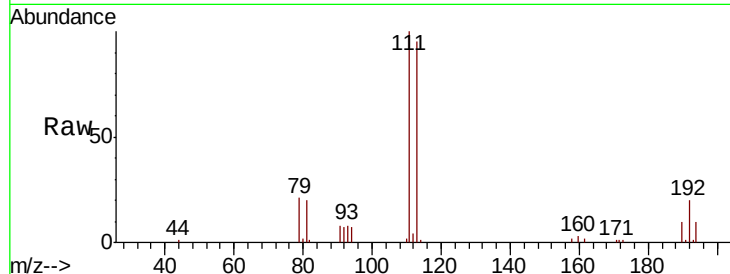




#35
 Dibromofluoromethane
 Concen: 48.992 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

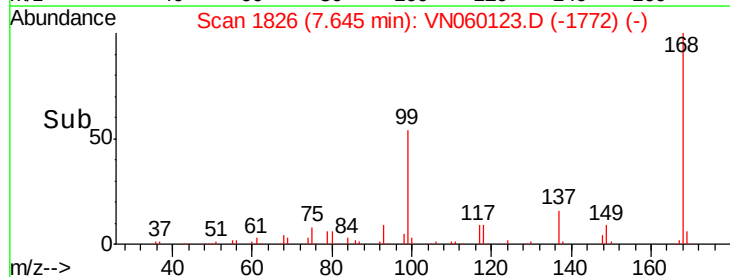
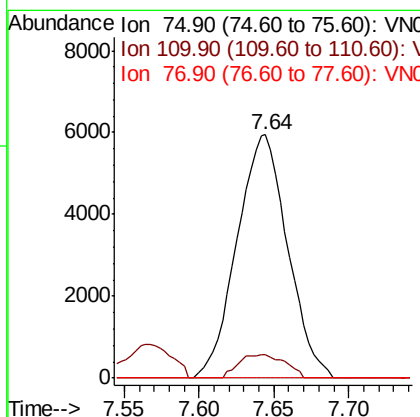
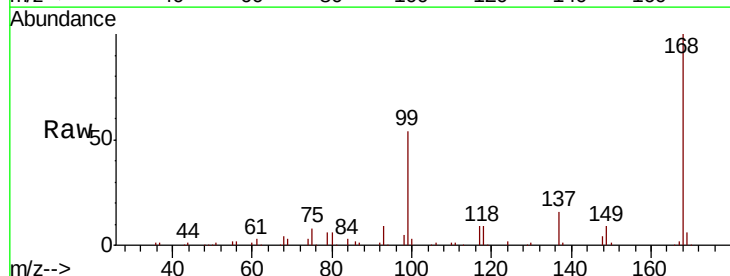
Instrument :
 MSVOA_N
 ClientSampleId :

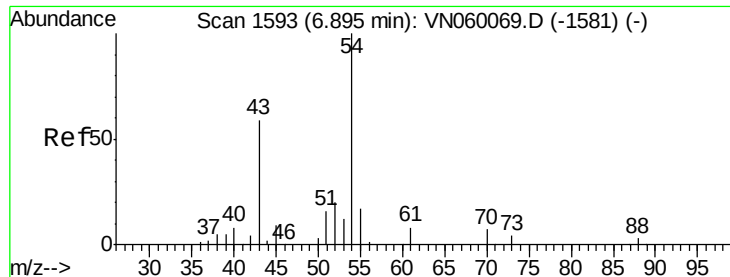
Tot Ion:113 Resp: 88342
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.4 122.2
 192 20.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.140 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

Tgt Ion: 75 Resp: 13965
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.3#
 77 0.0 25.1 37.7#

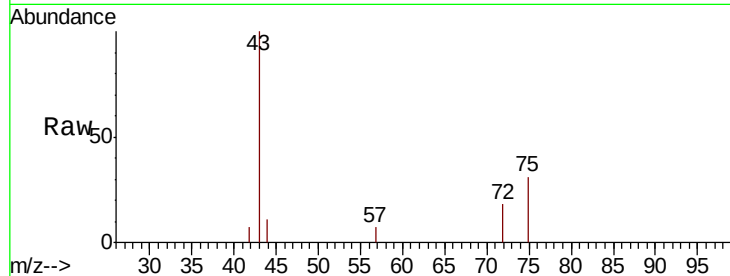




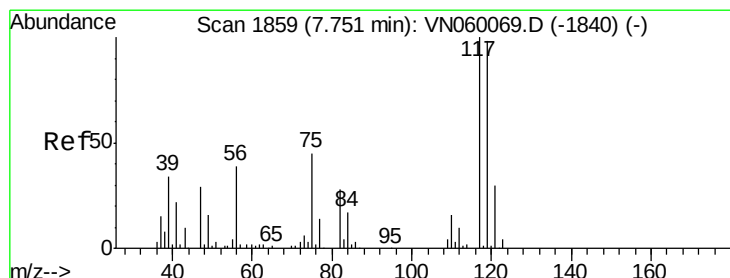
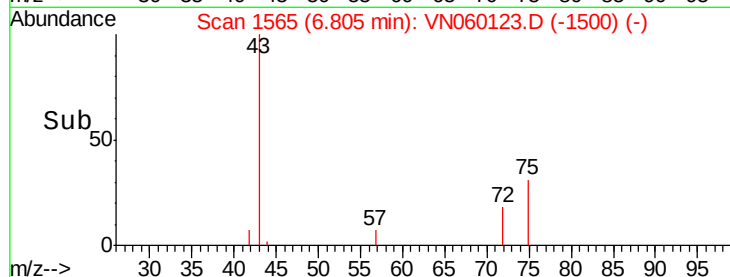
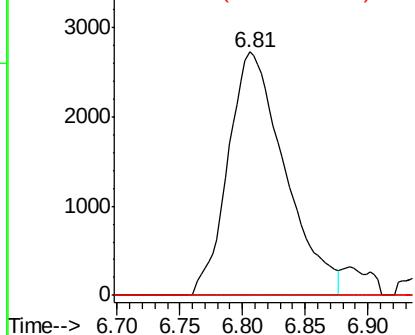
#37
Ethyl Acetate
Concen: 3.495 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.09 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 8582
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.7 13.1#

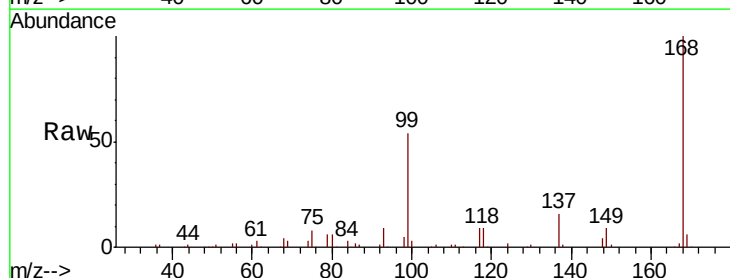


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

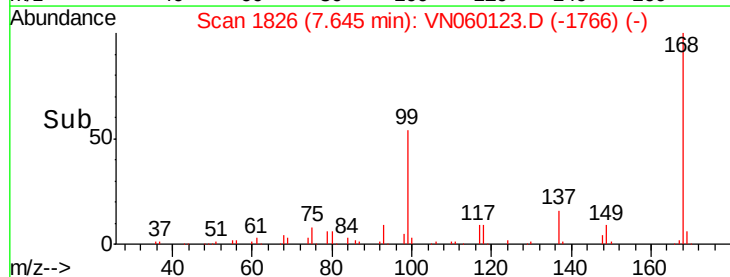
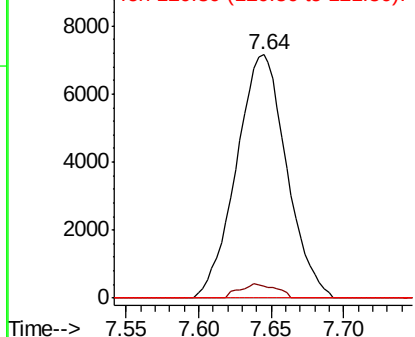


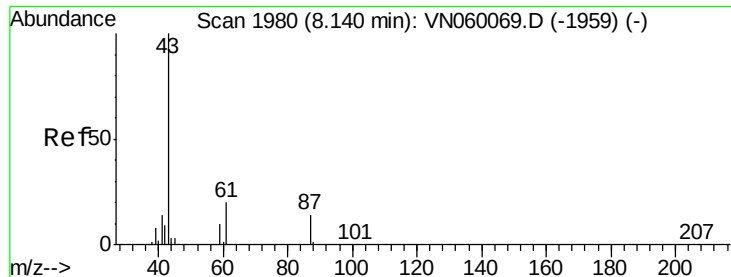
#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Tgt Ion: 117 Resp: 17256
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.4#
121 0.0 24.2 36.2#



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





#43

Isopropyl Acetate

Concen: 27.345 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

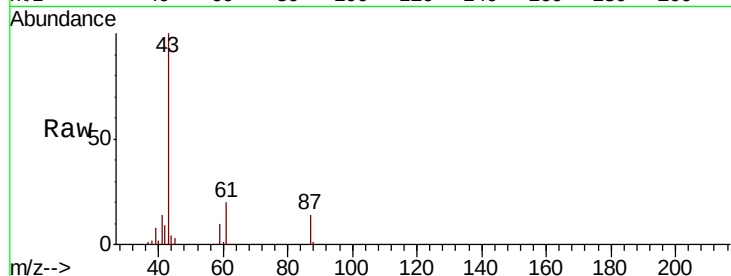
Tot Ion: 43 Resp: 114786

Ion Ratio Lower Upper

43 100

61 19.5 21.8 32.6#

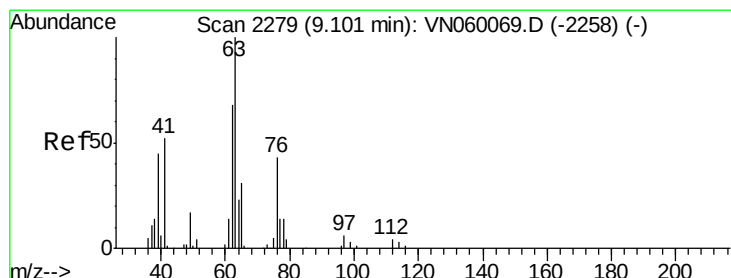
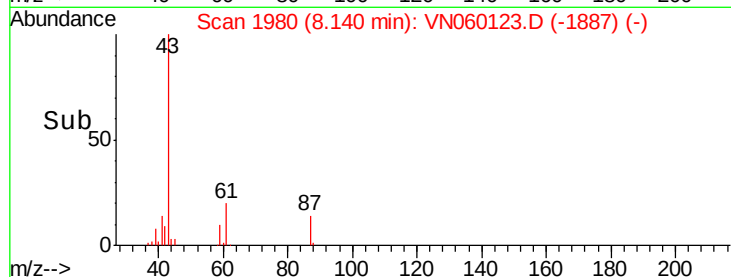
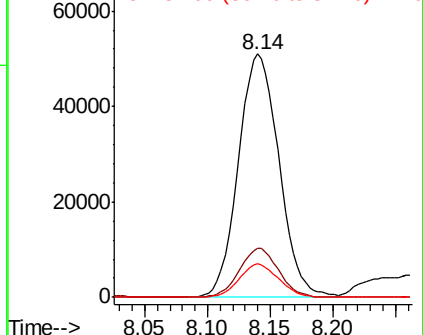
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060123.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060123.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060123.D (-1887) (-)



#45

1,2-Dichloropropane

Concen: 1.117 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN060123.D

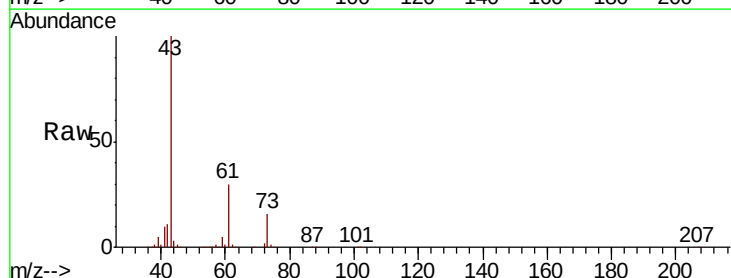
Acq: 17 Feb 2020 16:38

Tgt Ion: 63 Resp: 2229

Ion Ratio Lower Upper

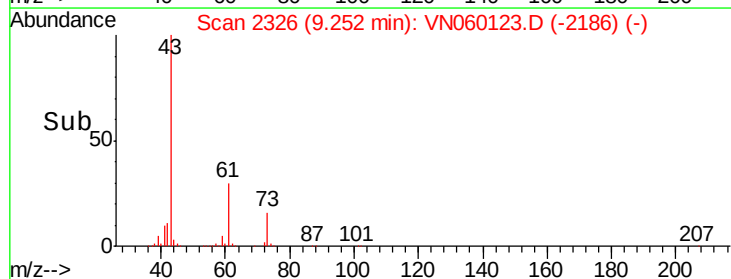
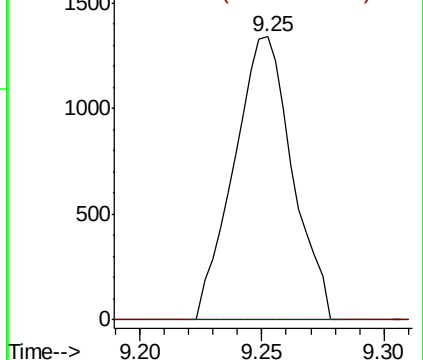
63 100

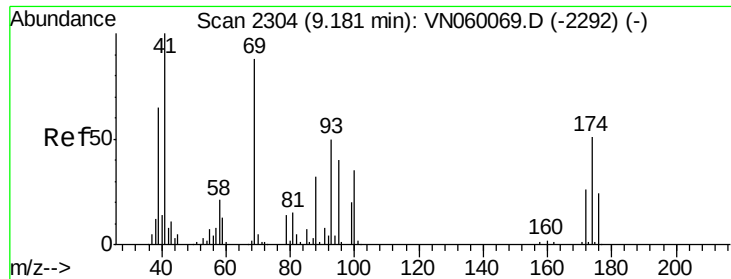
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN060123.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060123.D (-2186) (-)

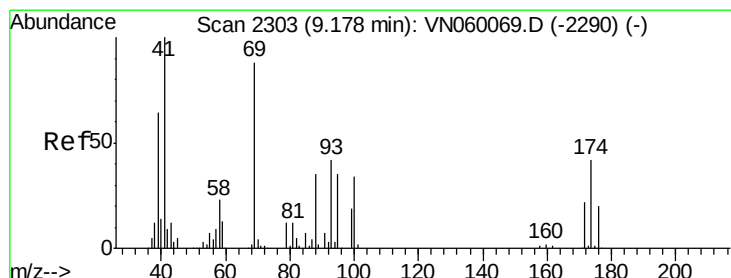
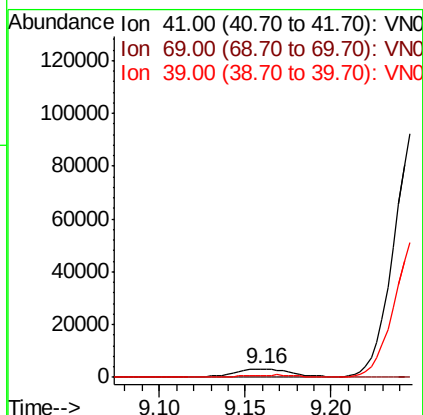
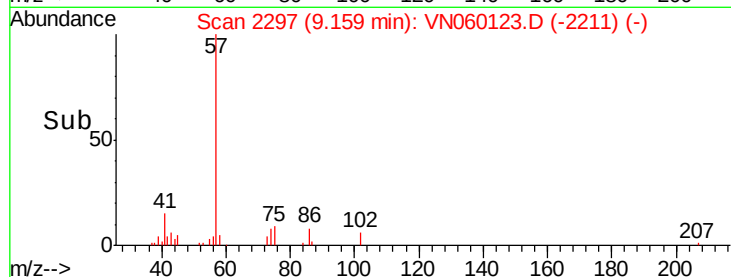
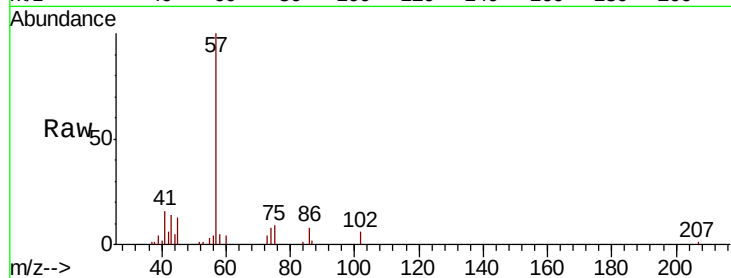




#48
Methvl methacrylate
Concen: 3.988 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.02 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

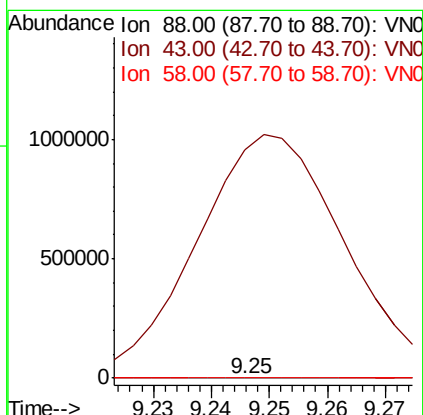
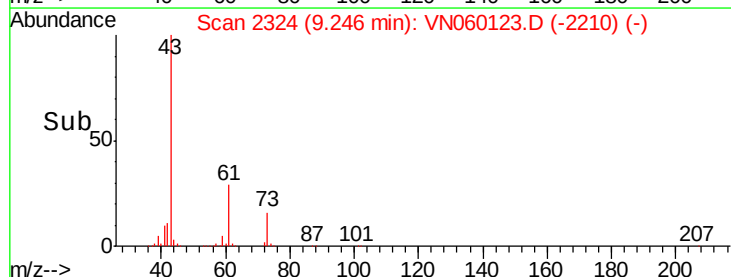
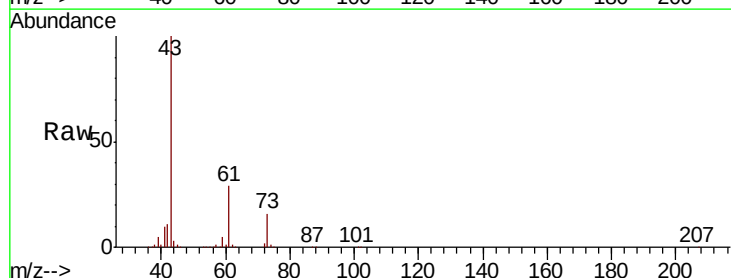
Instrument :
MSVOA_N
ClientSampled :

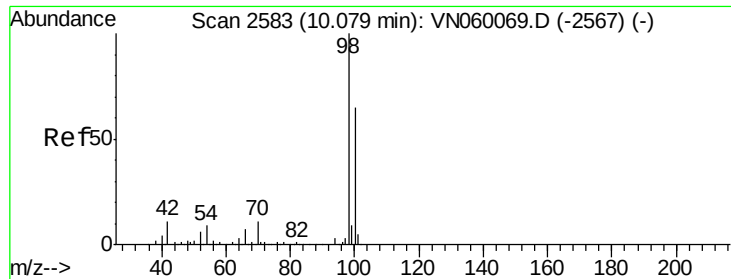
Tot Ion: 41 Resp: 7511
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 0.0 54.1 81.1#



#49
1,4-Dioxane
Concen: 5.438 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.07 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Tgt Ion: 88 Resp: 175
Ion Ratio Lower Upper
88 100
43 1055066.9 26.2 39.2#
58 3828.0 53.2 79.8#

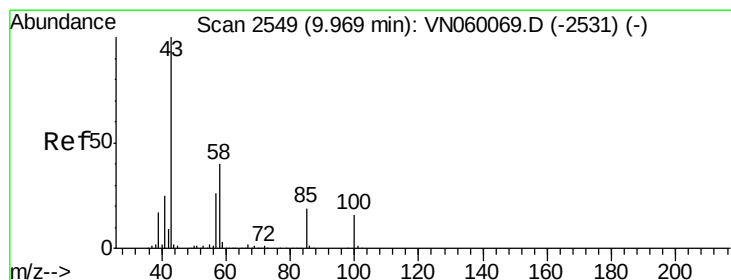
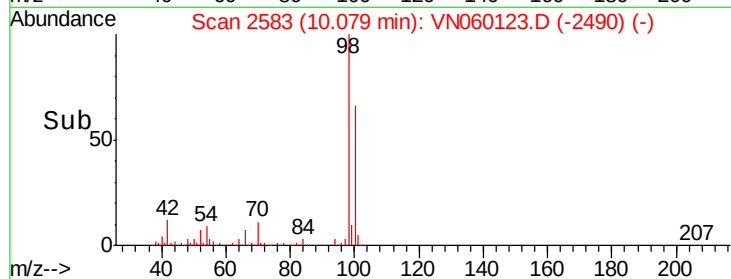
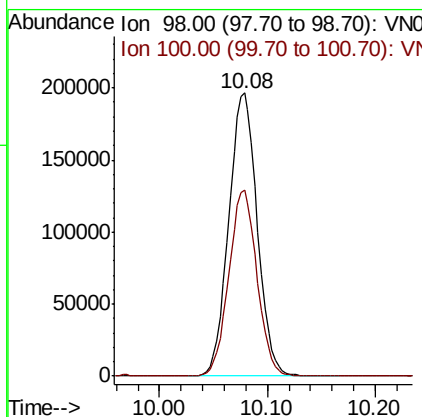
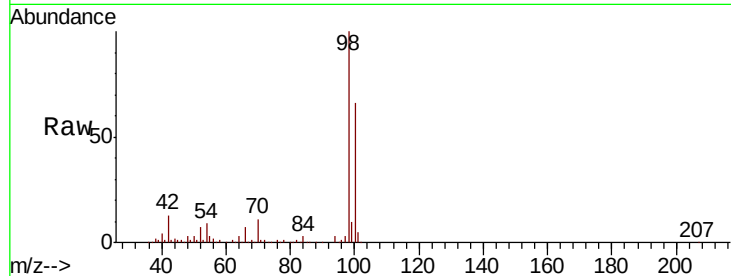




#50
Toluene-d8
Concen: 50.958 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

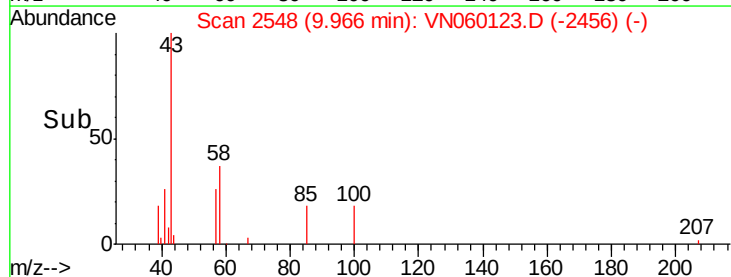
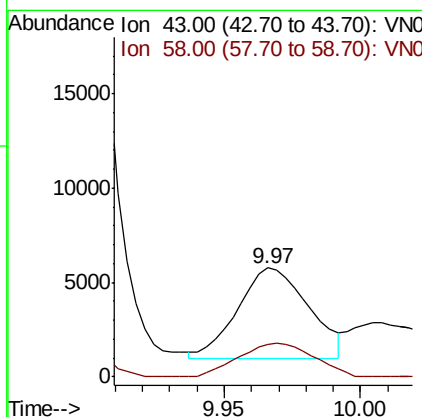
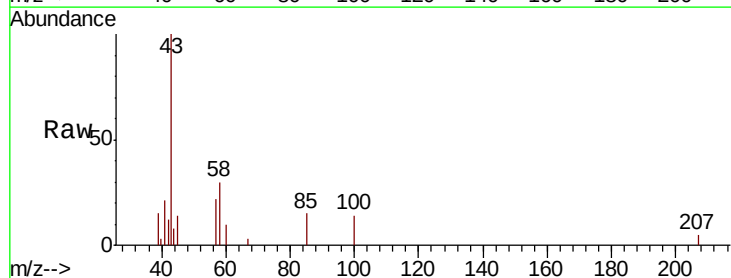
Instrument :
MSVOA_N
ClientSampled :

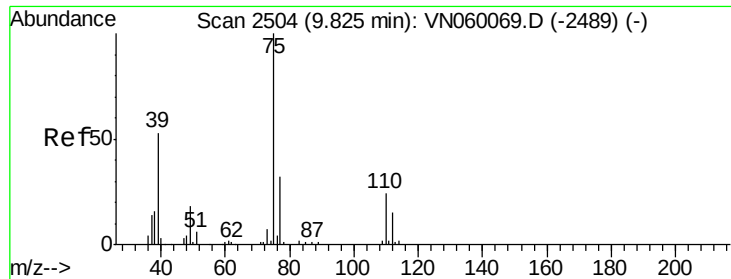
Tot Ion: 98 Resp: 361850
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 3.597 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Tgt Ion: 43 Resp: 8739
Ion Ratio Lower Upper
43 100
58 39.2 31.8 47.8





#54

cis-1,3-Dichloropropene

Concen: 12.793 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

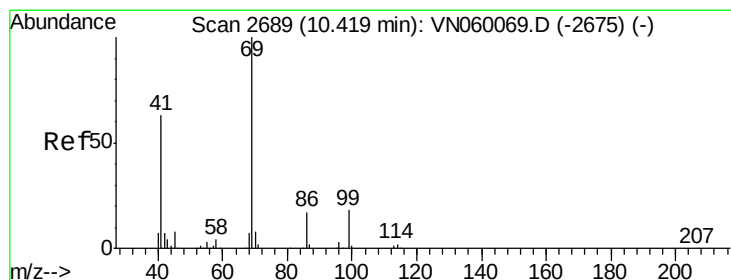
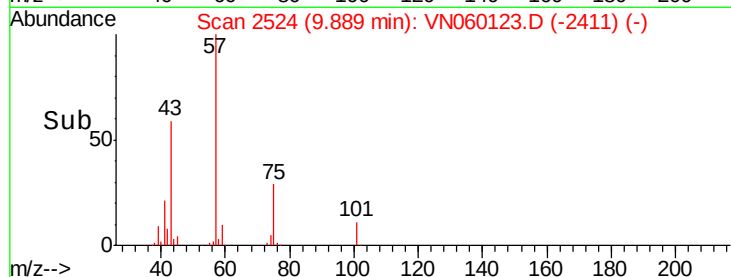
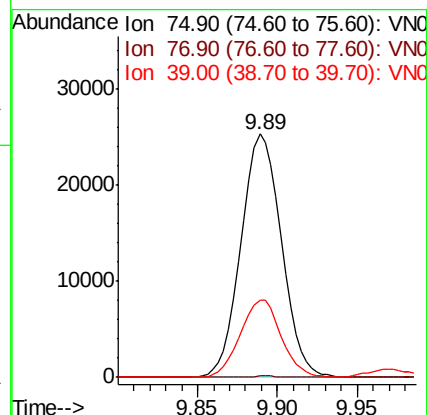
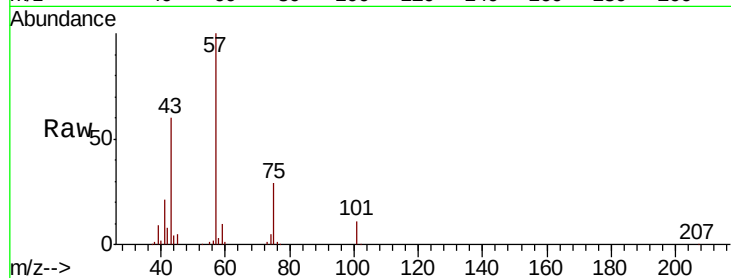
Tot Ion: 75 Resp: 43594

Ion Ratio Lower Upper

75 100

77 0.7 25.6 38.4#

39 31.7 42.2 63.4#



#56

Ethyl methacrylate

Concen: 0.261 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

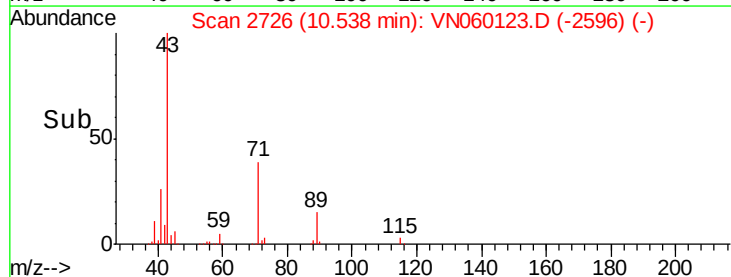
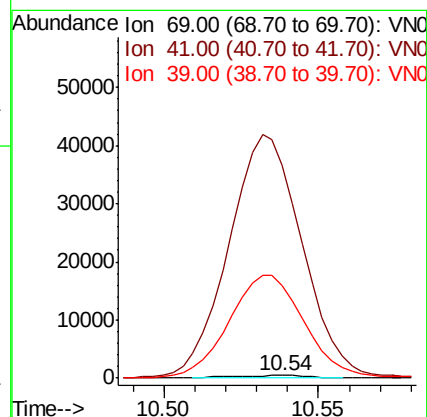
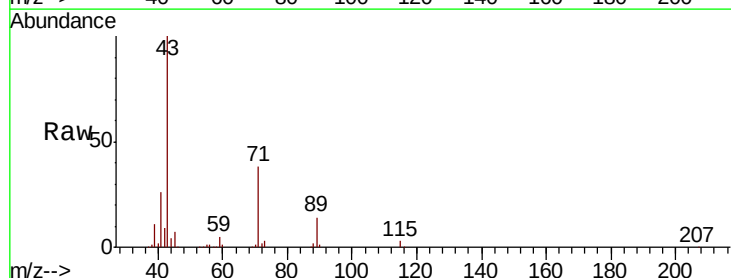
Tgt Ion: 69 Resp: 745

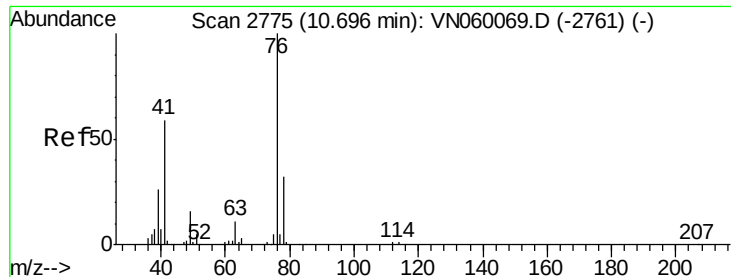
Ion Ratio Lower Upper

69 100

41 9296.8 51.1 76.7#

39 4026.7 33.8 50.8#

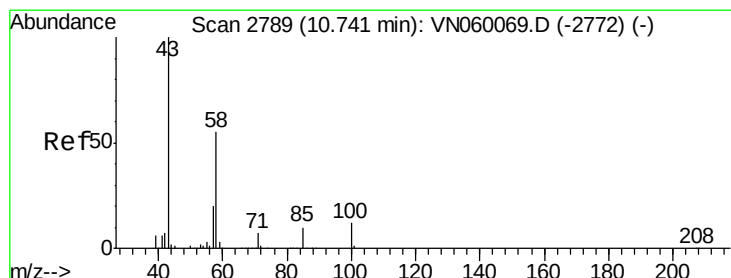
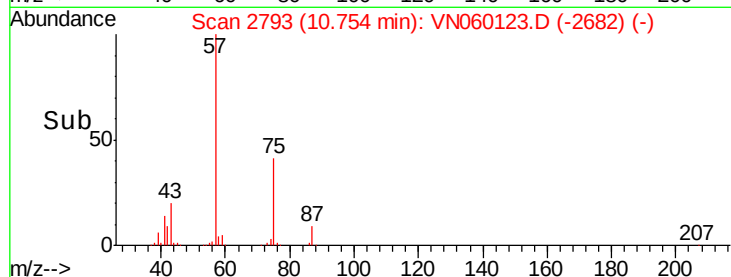
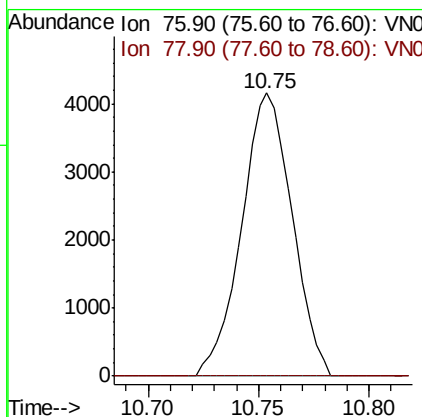
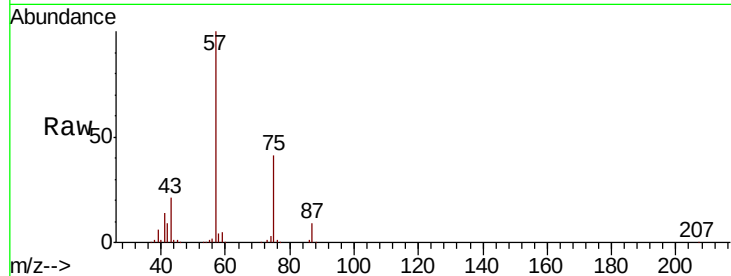




#57
 1,3-Dichloropropane
 Concen: 1.980 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

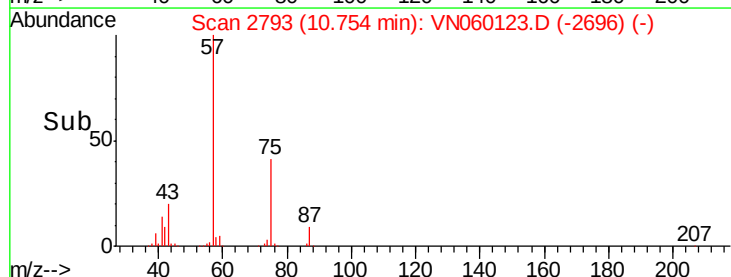
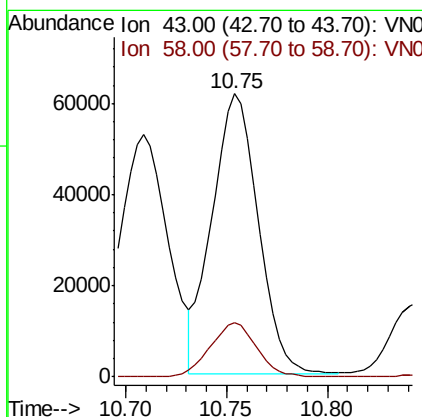
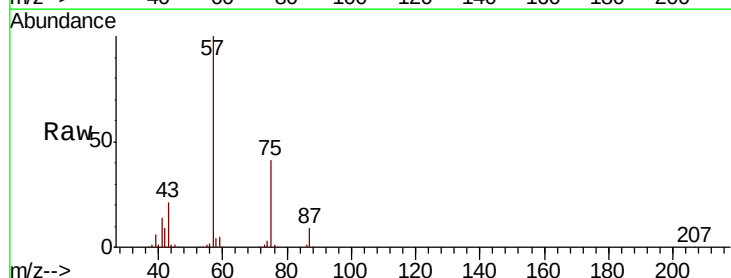
Instrument :
 MSVOA_N
 ClientSampleId :

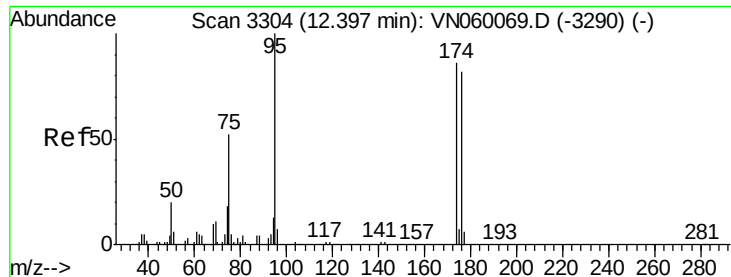
Tot Ion: 76 Resp: 6587
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 52.099 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

Tgt Ion: 43 Resp: 97784
 Ion Ratio Lower Upper
 43 100
 58 19.5 27.5 82.4#





#62

4-Bromofluorobenzene

Concen: 51.352 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

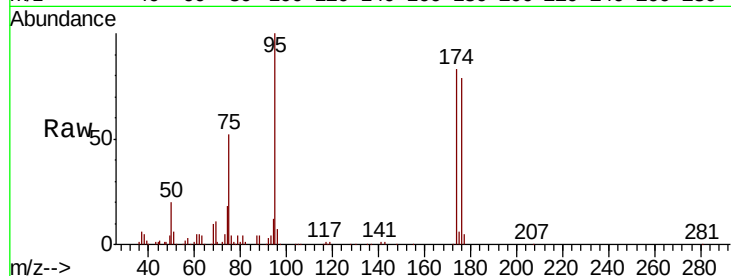
Tot Ion: 95 Resp: 133991

Ion Ratio Lower Upper

95 100

174 82.8 0.0 169.8

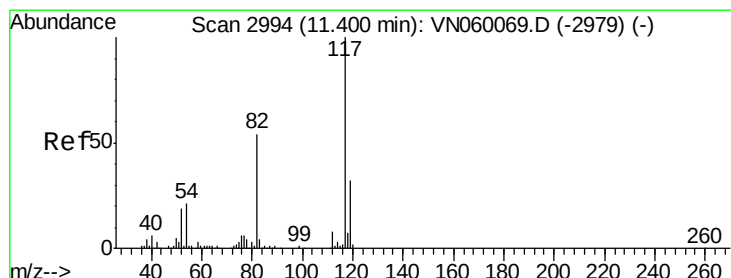
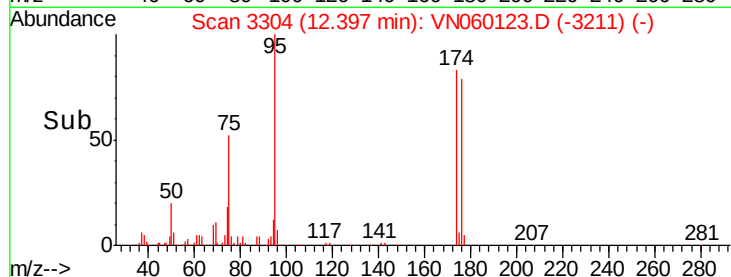
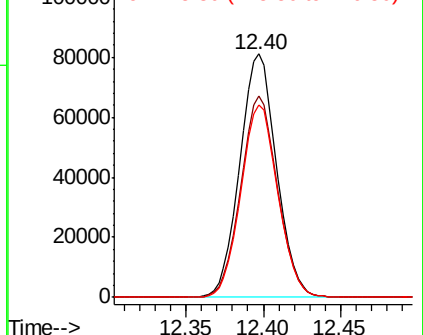
176 80.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

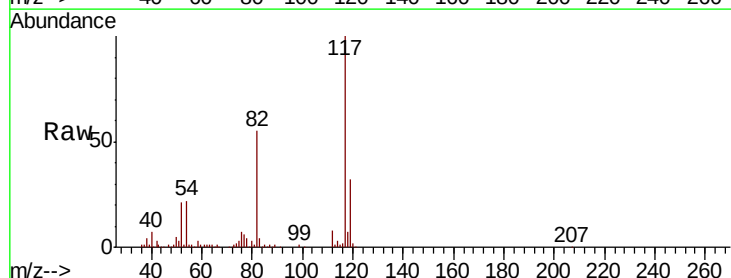
Tgt Ion: 117 Resp: 282451

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

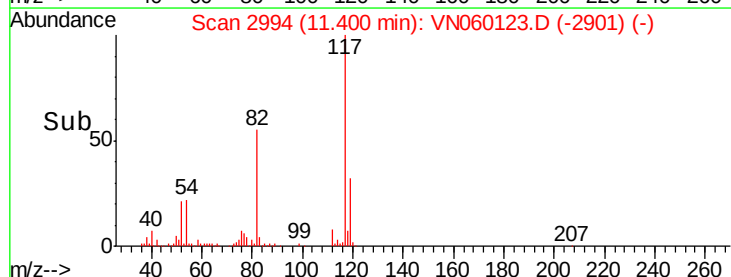
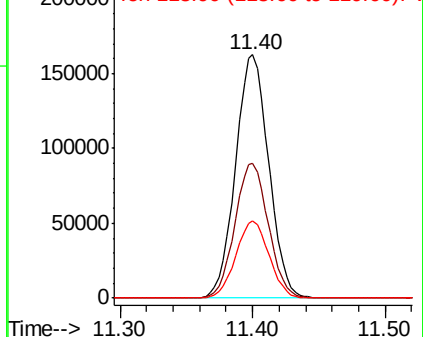
119 31.6 25.8 38.6

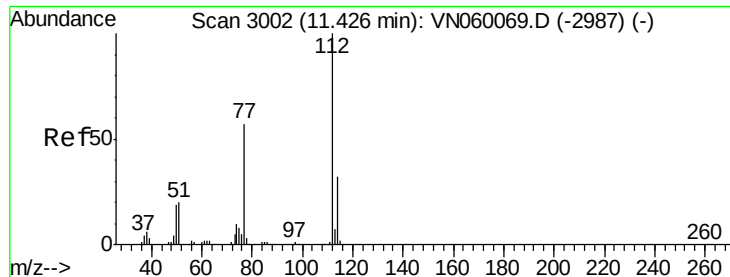


Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)

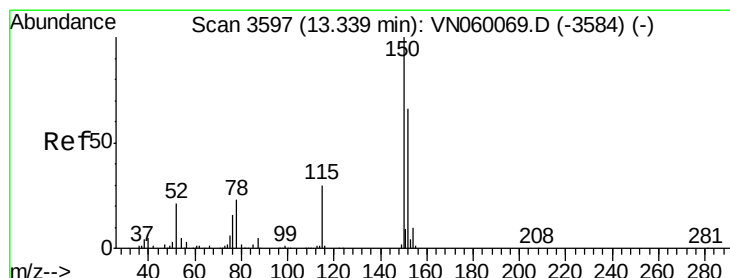
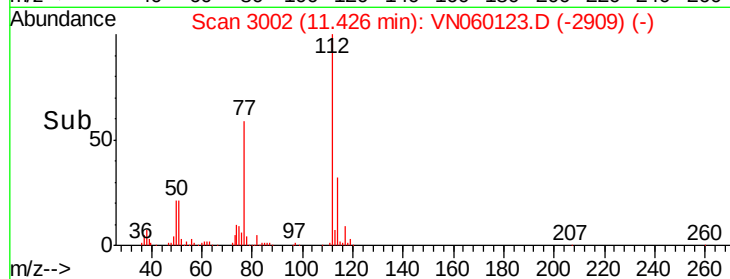
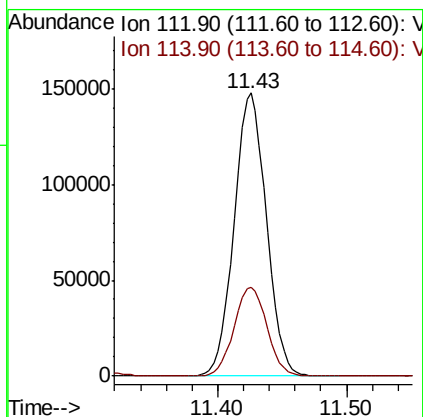
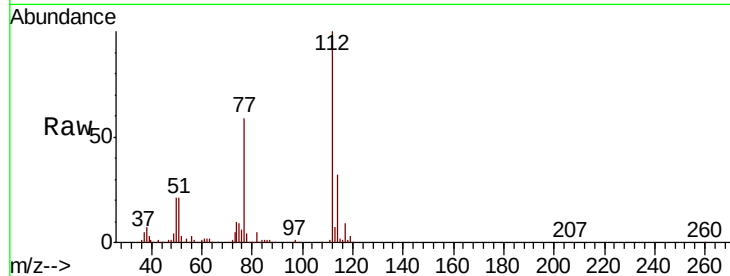




#65
Chlorobenzene
Concen: 44.564 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

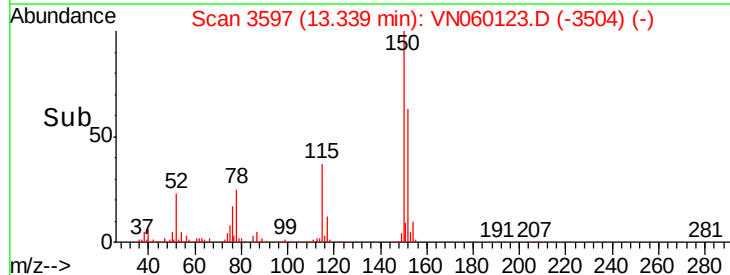
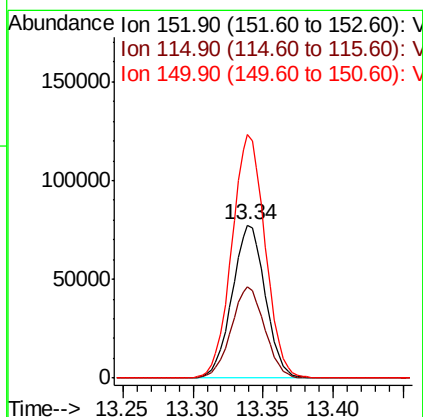
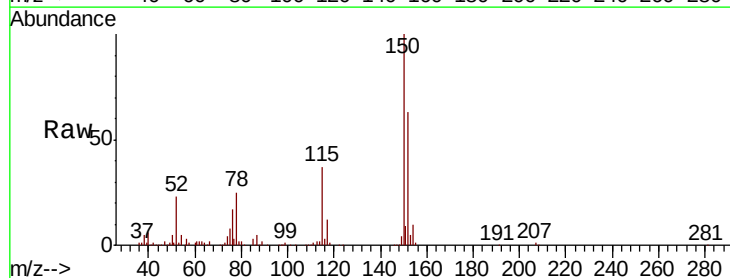
Instrument :
MSVOA_N
ClientSampleId :

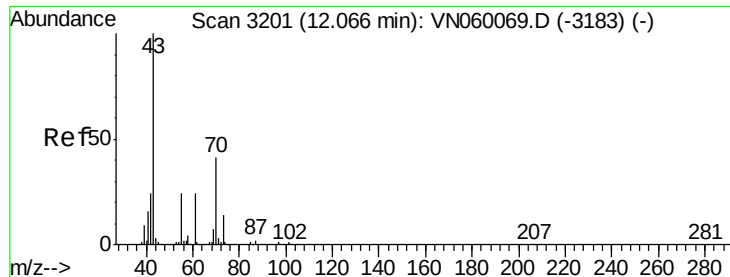
Tot Ion:112 Resp: 256446
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060123.D
Acq: 17 Feb 2020 16:38

Tgt Ion:152 Resp: 127841
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.8
150 159.8 0.0 342.4





#74

N-amvl acetate

Concen: 1.212 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 4171

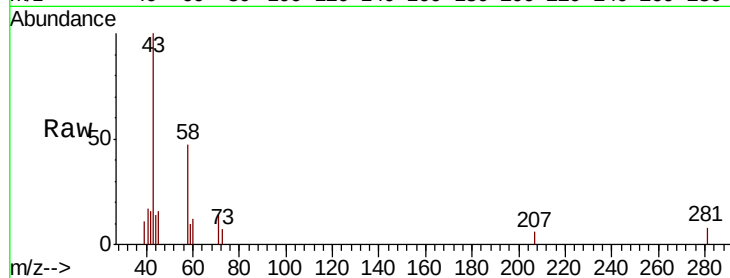
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 2.3 18.8 28.2#

61 0.0 19.2 28.8#

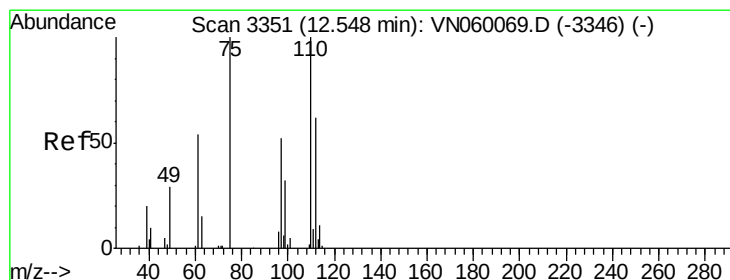
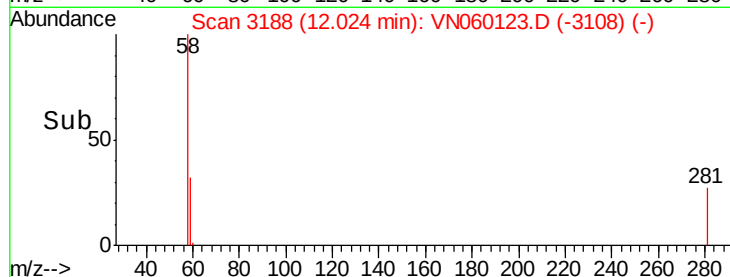
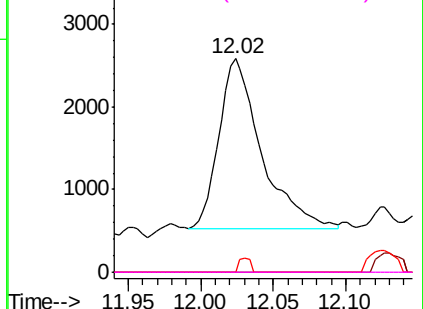


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 28.444 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060123.D

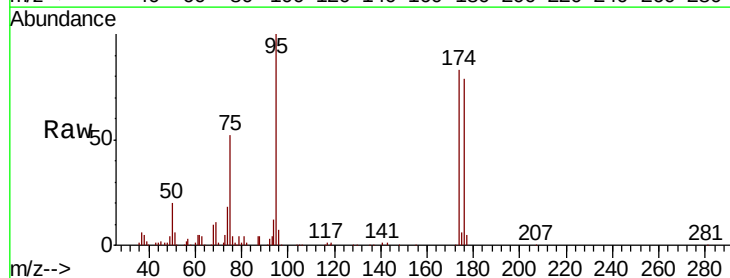
Acq: 17 Feb 2020 16:38

Tgt Ion: 75 Resp: 69571

Ion Ratio Lower Upper

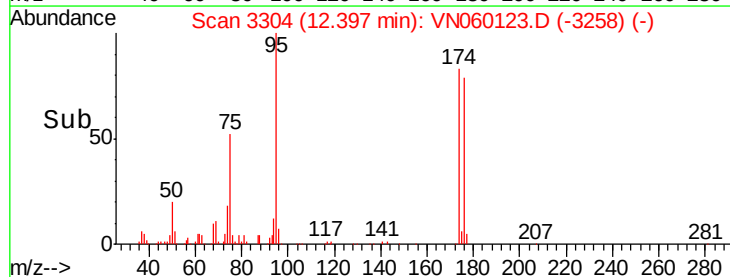
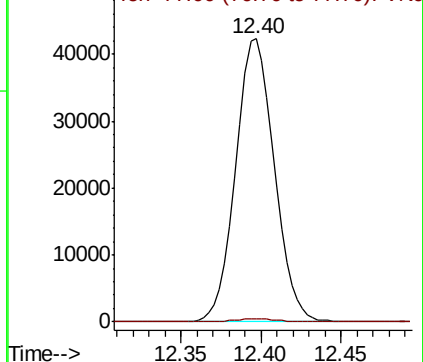
75 100

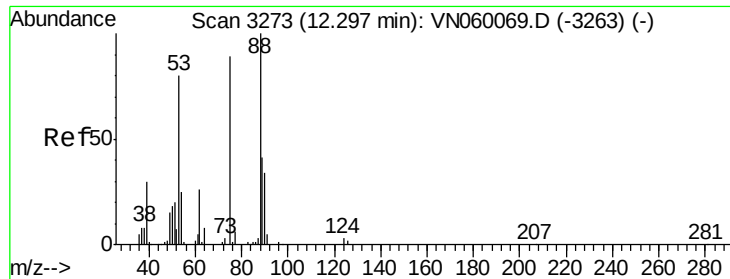
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

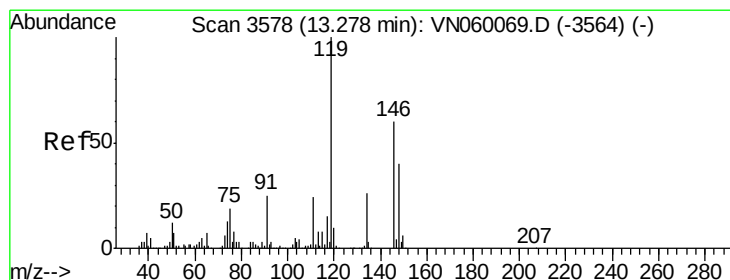
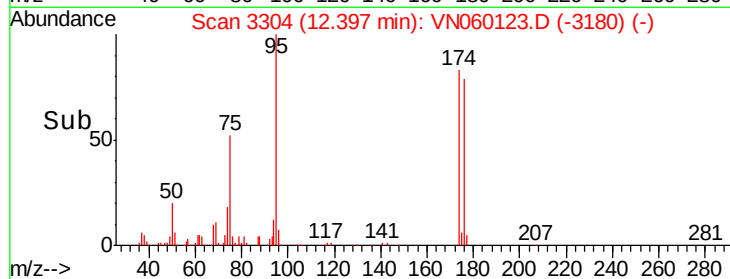
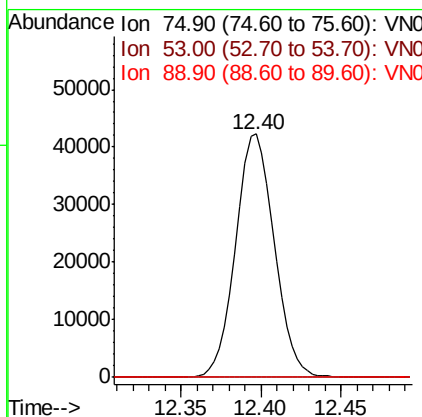
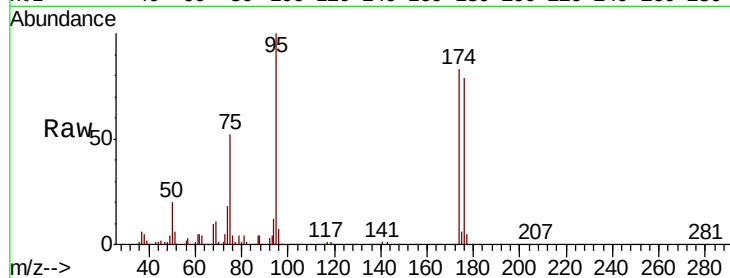




#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.646 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.10 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

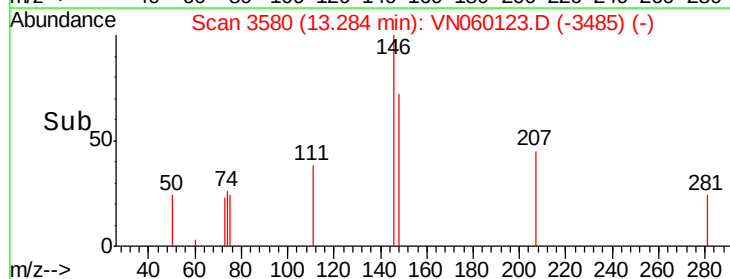
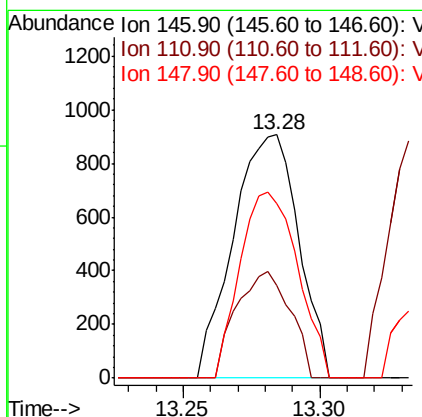
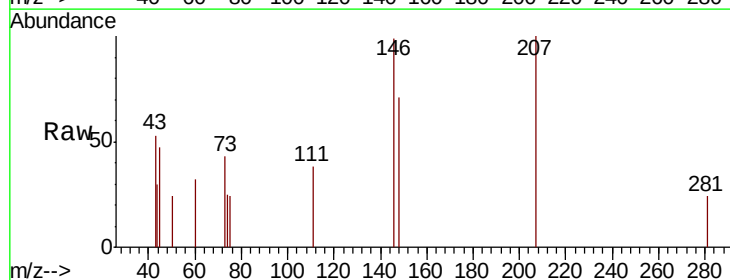
Instrument :
 MSVOA_N
 ClientSampled :

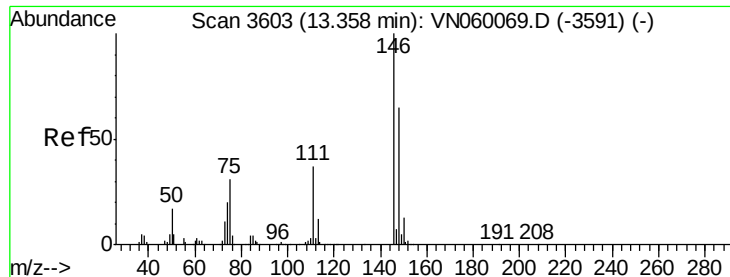
Tot Ion: 75 Resp: 69571
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 37.0 55.4#



#87
 1,3-Dichlorobenzene
 Concen: 0.360 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.01 min
 Lab File: VN060123.D
 Acq: 17 Feb 2020 16:38

Tgt Ion: 146 Resp: 1509
 Ion Ratio Lower Upper
 146 100
 111 36.1 19.8 59.3
 148 67.5 32.0 96.2





#88

1,4-Dichlorobenzene

Concen: 0.360 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.07 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

ClientSampled :

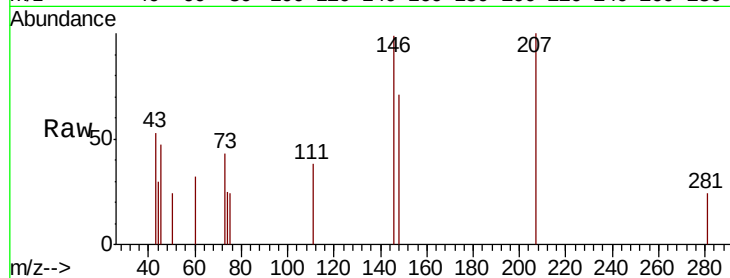
Tot Ion:146 Resp: 1509

Ion Ratio Lower Upper

146 100

111 36.1 18.9 56.5

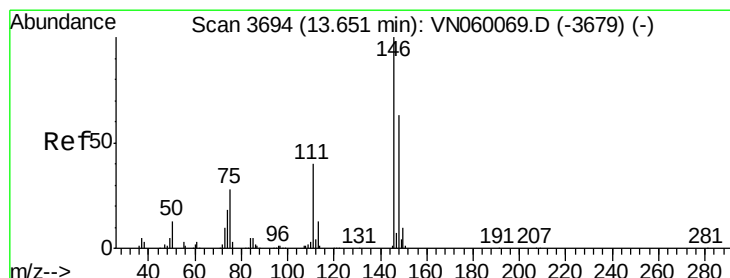
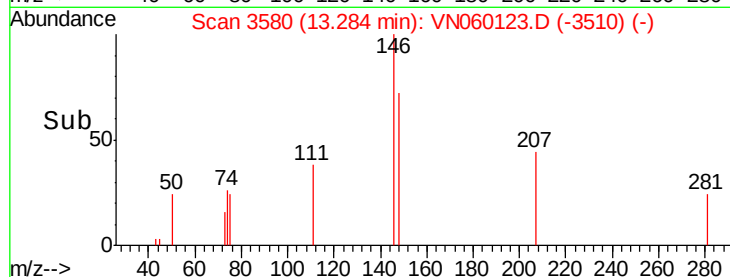
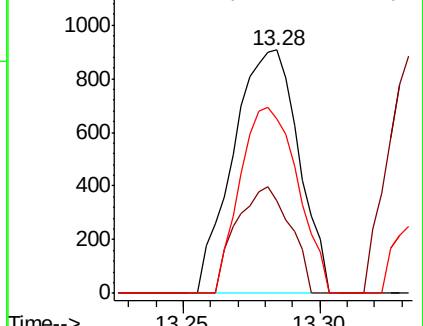
148 67.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 0.343 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

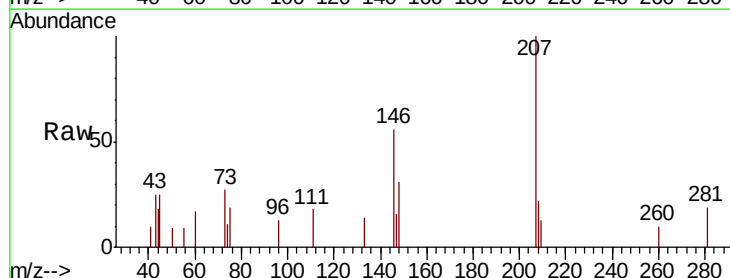
Tgt Ion:146 Resp: 1407

Ion Ratio Lower Upper

146 100

111 28.8 20.1 60.2

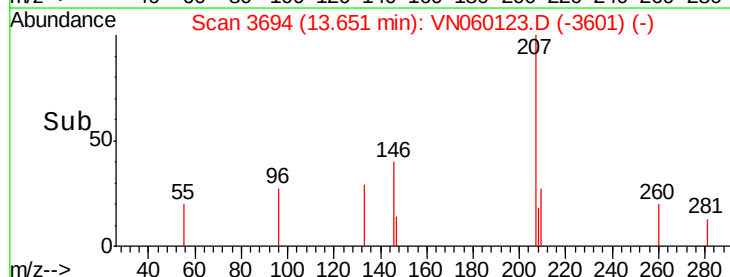
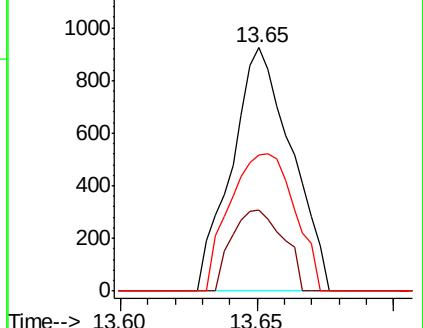
148 61.0 31.9 95.5

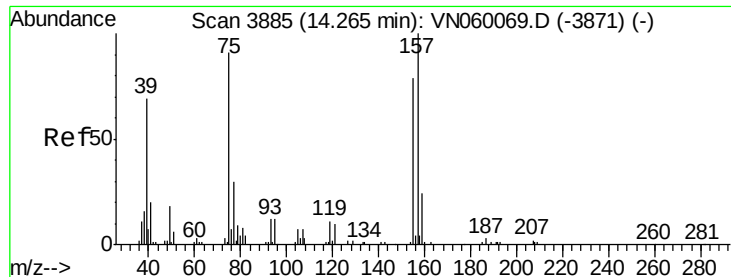


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3883

Delta R.T. -0.01 min

Lab File: VN060123.D

Acq: 17 Feb 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

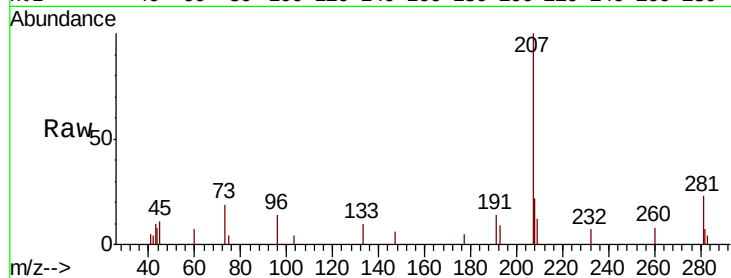
Tot Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



Abundance Ion 74.90 (74.60 to 75.60): VN060123.D (-3791) (-)

Ion 154.80 (154.50 to 155.50): VN060123.D (-3791) (-)

Ion 156.80 (156.50 to 157.50): VN060123.D (-3791) (-)

