

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060908.D
 Acq On : 8 Apr 2020 17:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 08:30:06 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	189243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142988	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	127150	48.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.88%	
35) Dibromofluoromethane	7.56	113	96156	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
50) Toluene-d8	10.08	98	380567	48.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	141791	49.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	75591	41.282	ug/l	100
3) Chloromethane	2.04	50	140384	41.049	ug/l	98
4) Vinyl Chloride	2.17	62	111627	41.732	ug/l	97
5) Bromomethane	2.54	94	54880	47.527	ug/l	100
6) Chloroethane	2.68	64	70990	46.072	ug/l	98
7) Trichlorofluoromethane	3.00	101	150952	45.811	ug/l	98
8) Diethyl Ether	3.38	74	64105	48.429	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91026	47.675	ug/l	99
10) Methyl Iodide	3.93	142	75645	44.524	ug/l	99
11) Tert butyl alcohol	4.72	59	92562	242.268	ug/l	99
12) 1,1-Dichloroethene	3.72	96	92005	44.904	ug/l	99
13) Acrolein	3.57	56	87235	206.014	ug/l	97
14) Allyl chloride	4.29	41	168393	46.729	ug/l	98
15) Acrylonitrile	4.94	53	286877	255.343	ug/l	99
16) Acetone	3.78	43	230096	250.044	ug/l	98
17) Carbon Disulfide	4.03	76	252185	40.470	ug/l	100
18) Methyl Acetate	4.28	43	138725	53.558	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	335264	47.593	ug/l	96
20) Methylene Chloride	4.52	84	106810	47.184	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	98227	44.982	ug/l	94
22) Diisopropyl ether	5.91	45	387545	50.904	ug/l	97
23) Vinyl Acetate	5.86	43	1551371	249.746	ug/l	99
24) 1,1-Dichloroethane	5.82	63	202545	48.802	ug/l	99
25) 2-Butanone	6.80	43	374353	251.400	ug/l	99
26) 2,2-Dichloropropane	6.80	77	156976	48.072	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	117954	47.533	ug/l	99
28) Bromochloromethane	7.17	49	102849	51.794	ug/l	97
29) Tetrahydrofuran	7.18	42	255272	242.290	ug/l	98
30) Chloroform	7.35	83	193523	48.639	ug/l	99
31) Cyclohexane	7.63	56	187066	44.708	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	165365	48.211	ug/l	99
36) 1,1-Dichloropropene	7.77	75	144534	47.115	ug/l	99
37) Ethyl Acetate	6.89	43	159361	48.077	ug/l	99
38) Carbon Tetrachloride	7.75	117	130608	47.504	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060908.D
 Acq On : 8 Apr 2020 17:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 08:30:06 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)
39) Methylcyclohexane	9.07	83	172950	47.441	ug/l	98
40) Benzene	8.02	78	438960	47.401	ug/l	99
41) Methacrylonitrile	7.14	41	81945	57.927	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	154106	48.694	ug/l	100
43) Isopropyl Acetate	8.14	43	271239	49.618	ug/l	99
44) Trichloroethene	8.82	130	111294	47.674	ug/l	100
45) 1,2-Dichloropropane	9.10	63	122906	50.298	ug/l	99
46) Dibromomethane	9.19	93	72483	49.065	ug/l	100
47) Bromodichloromethane	9.38	83	153886	50.129	ug/l	99
48) Methyl methacrylate	9.18	41	120968	49.702	ug/l	99
49) 1,4-Dioxane	9.18	88	32723	1131.134	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	796605	256.084	ug/l	99
52) Toluene	10.14	92	270101	48.295	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	175570	49.790	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	188798	48.805	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	105954	49.244	ug/l	99
56) Ethyl methacrylate	10.42	69	171996	51.268	ug/l	98
57) 1,3-Dichloropropane	10.70	76	186410	49.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	400696	240.312	ug/l	99
59) 2-Hexanone	10.74	43	578317	258.084	ug/l	99
60) Dibromochloromethane	10.89	129	112187	50.478	ug/l	99
61) 1,2-Dibromoethane	10.99	107	107958	49.898	ug/l	99
64) Tetrachloroethene	10.62	164	101078	43.564	ug/l	98
65) Chlorobenzene	11.43	112	277286	47.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	102525	48.445	ug/l	99
67) Ethyl Benzene	11.50	91	521225	47.951	ug/l	100
68) m/p-Xylenes	11.62	106	378430	93.687	ug/l	98
69) o-Xylene	11.94	106	183410	47.565	ug/l	98
70) Styrene	11.96	104	308576	48.930	ug/l	99
71) Bromoform	12.12	173	81789	46.617	ug/l #	100
73) Isopropylbenzene	12.25	105	501430	46.729	ug/l	99
74) N-amyl acetate	12.06	43	233862	47.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	156707	48.291	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	209795	67.996	ug/l #	100
77) Bromobenzene	12.52	156	119422	46.185	ug/l	100
78) n-propylbenzene	12.59	91	593407	46.807	ug/l	99
79) 2-Chlorotoluene	12.67	91	345630	45.629	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	421399	46.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	55216	45.962	ug/l	99
82) 4-Chlorotoluene	12.77	91	355248	46.047	ug/l	100
83) tert-Butylbenzene	12.99	119	357463	47.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	424598	47.131	ug/l	100
85) sec-Butylbenzene	13.17	105	488448	48.118	ug/l	100
86) p-Isopropyltoluene	13.28	119	434470	47.597	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	214845	47.110	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	215490	47.031	ug/l	100
89) n-Butylbenzene	13.61	91	409564	49.697	ug/l	100
90) Hexachloroethane	13.87	117	69279	52.214	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	208434	47.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31131	45.779	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
Data File : VN060908.D
Acq On : 8 Apr 2020 17:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 09 08:30:06 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

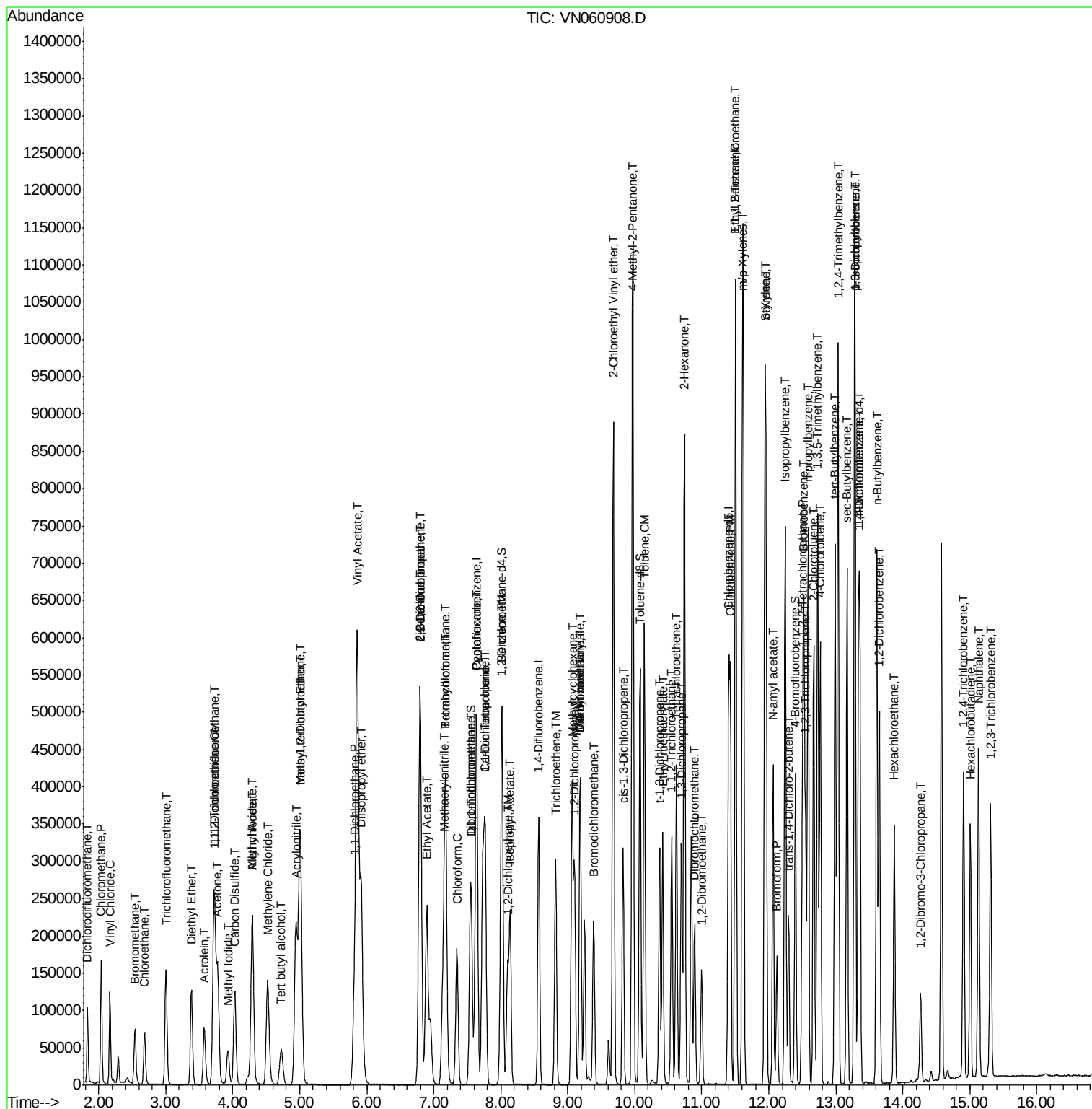
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131908	49.259	ug/l	99
94) Hexachlorobutadiene	15.01	225	67802	51.649	ug/l	97
95) Naphthalene	15.13	128	373765	46.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	124066	47.037	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040820\
Data File : VN060908.D
Acq On : 8 Apr 2020 17:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 09 08:30:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 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: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

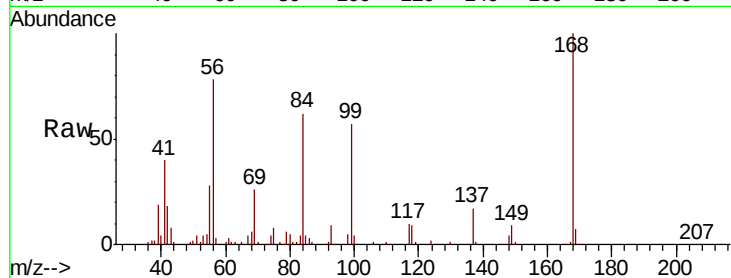
ClientSampleId :

Tot Ion:168 Resp: 189243

Ion Ratio Lower Upper

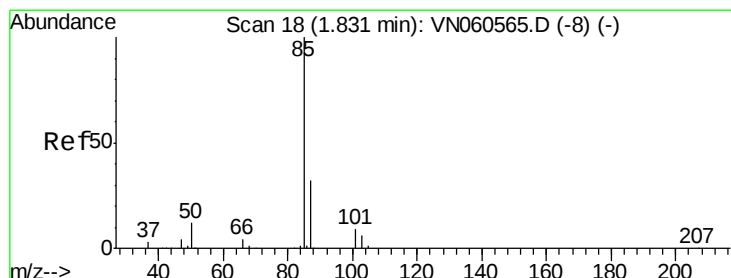
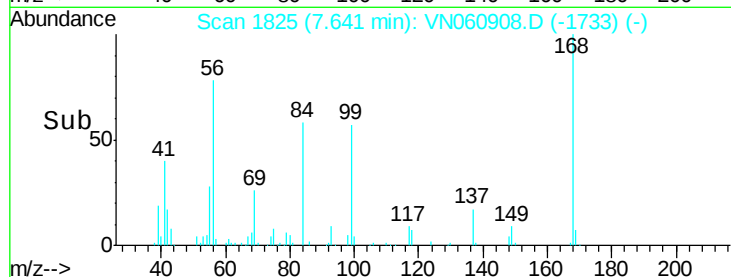
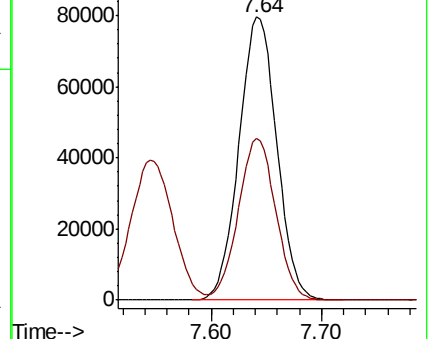
168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 41.282 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060908.D

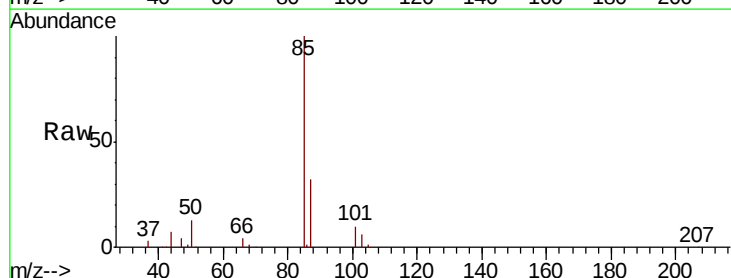
Acq: 8 Apr 2020 17:56

Tgt Ion: 85 Resp: 75591

Ion Ratio Lower Upper

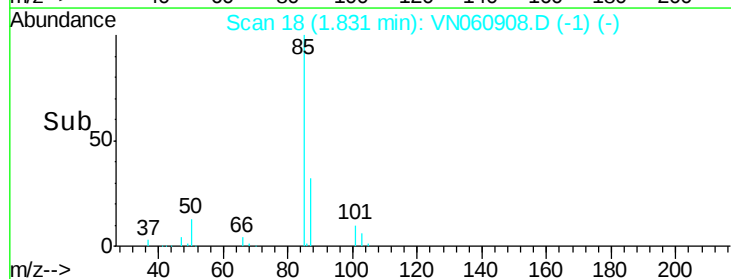
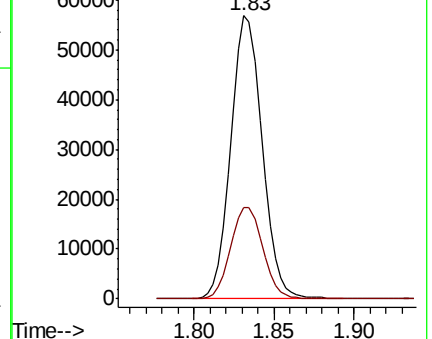
85 100

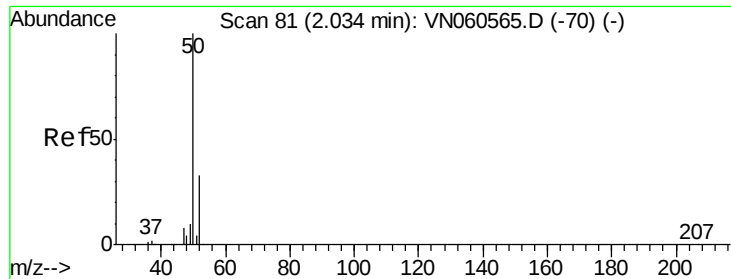
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.049 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

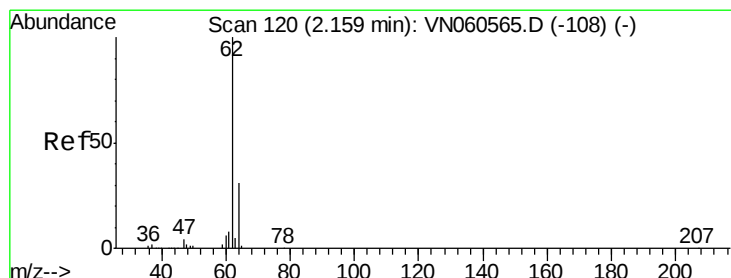
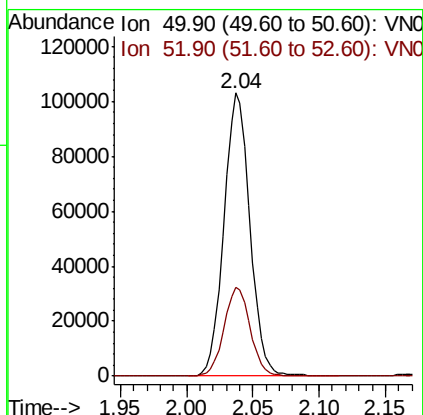
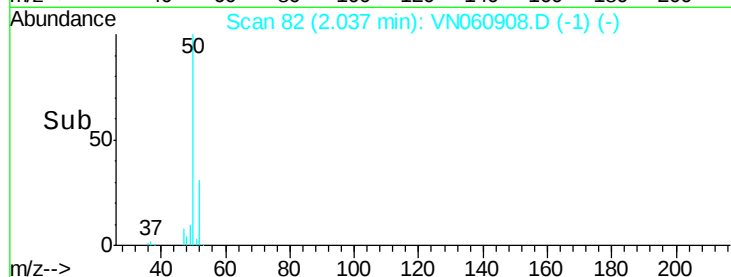
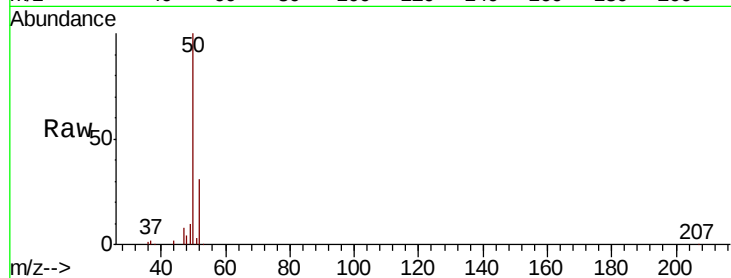
ClientSampleId :

Tot Ion: 50 Resp: 140384

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.2



#4

Vinyl Chloride

Concen: 41.732 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060908.D

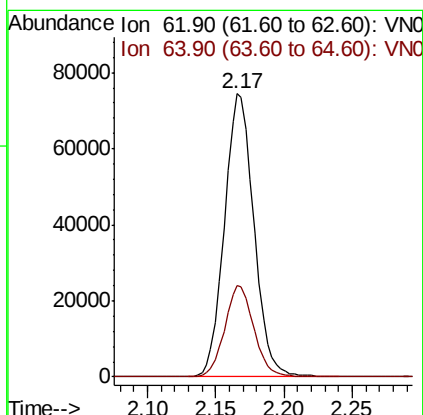
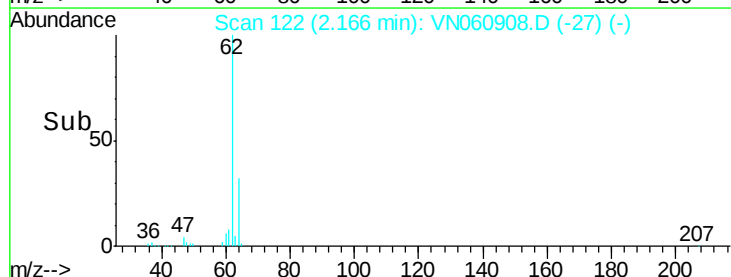
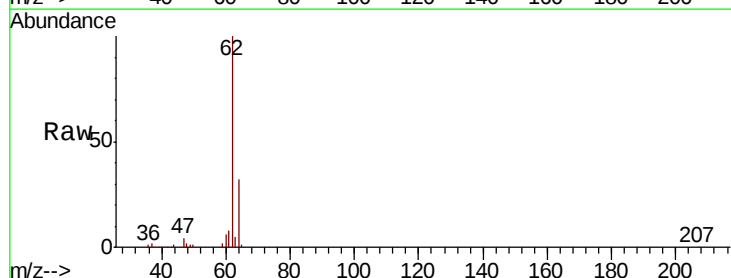
Acq: 8 Apr 2020 17:56

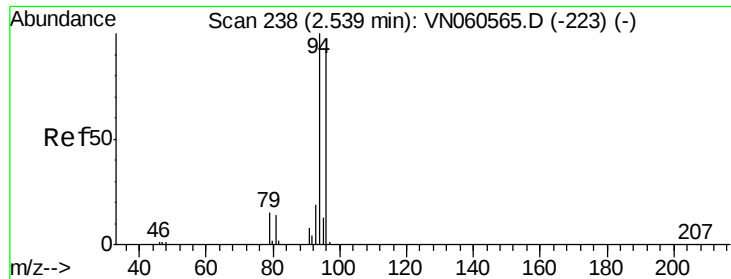
Tgt Ion: 62 Resp: 111627

Ion Ratio Lower Upper

62 100

64 32.5 24.7 37.1





#5

Bromomethane

Concen: 47.527 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

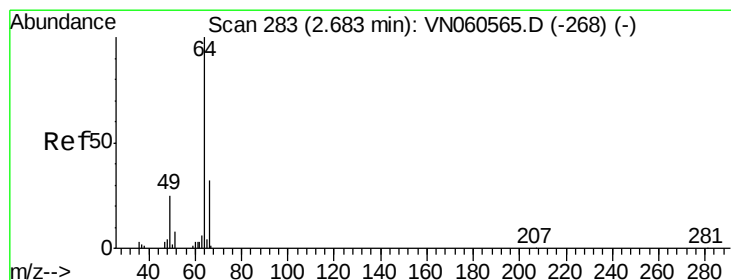
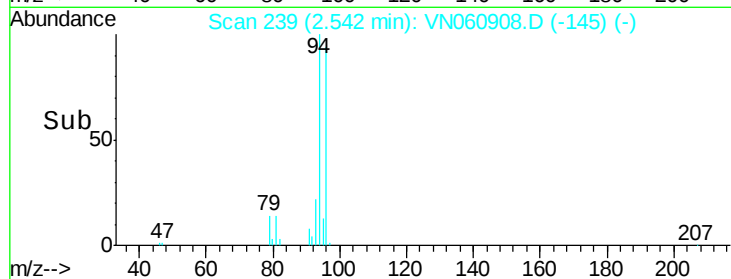
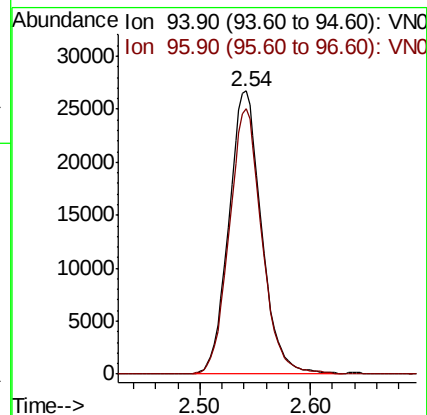
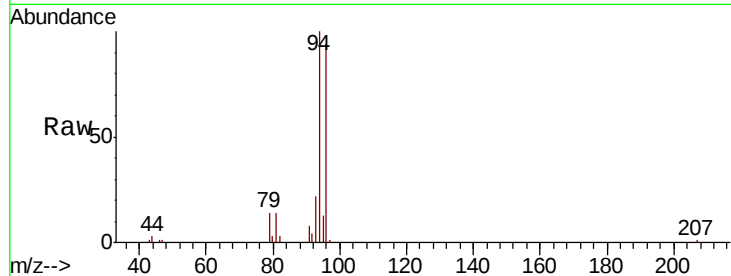
ClientSampled :

Tot Ion: 94 Resp: 54880

Ion Ratio Lower Upper

94 100

96 93.8 74.6 112.0



#6

Chloroethane

Concen: 46.072 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060908.D

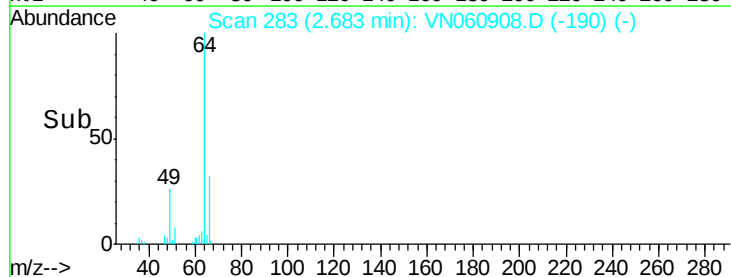
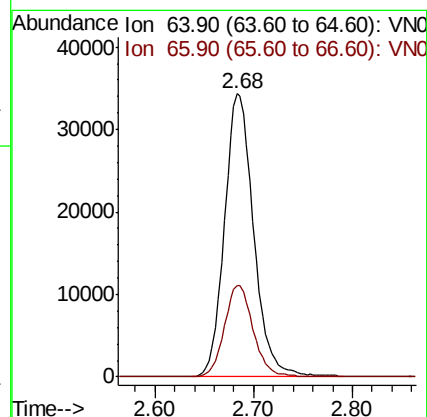
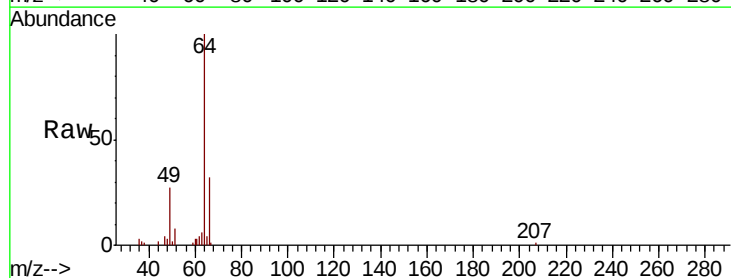
Acq: 8 Apr 2020 17:56

Tgt Ion: 64 Resp: 70990

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9



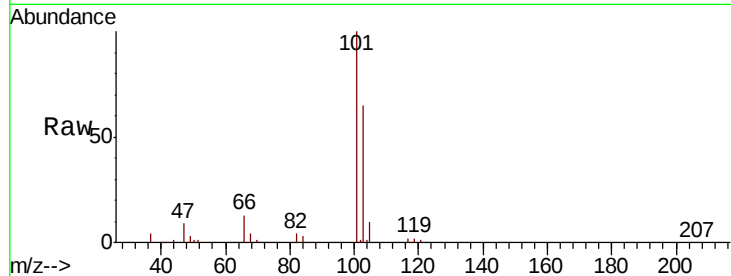


#7

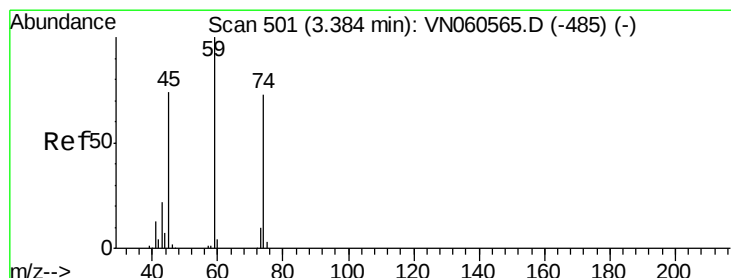
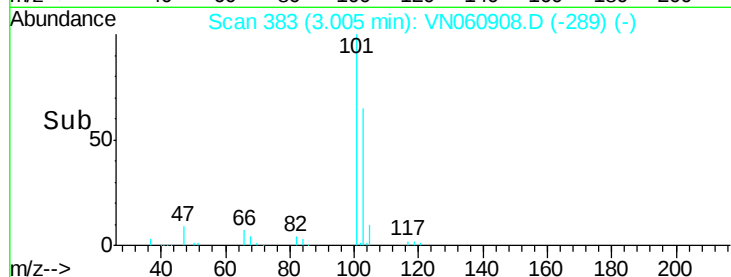
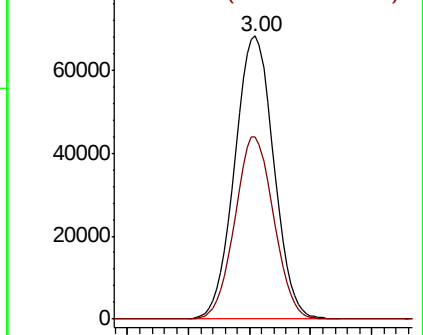
Trichlorofluoromethane
 Concen: 45.811 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 150952
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0



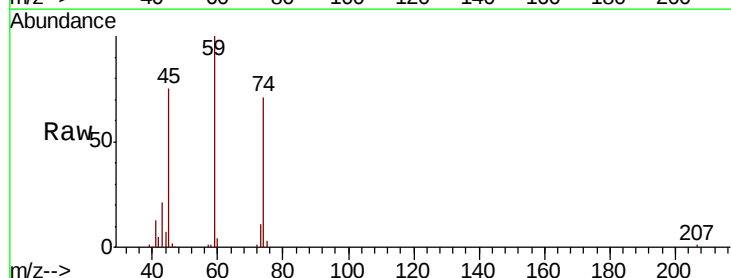
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



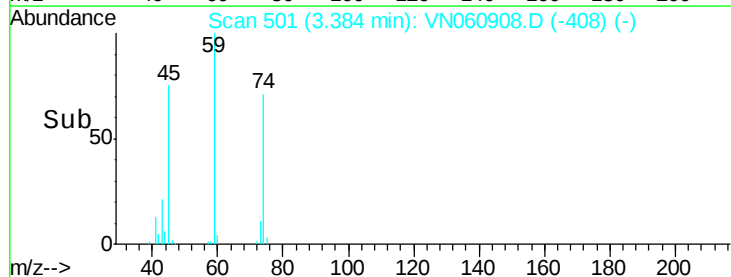
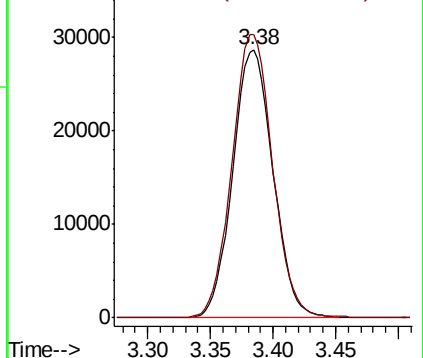
#8

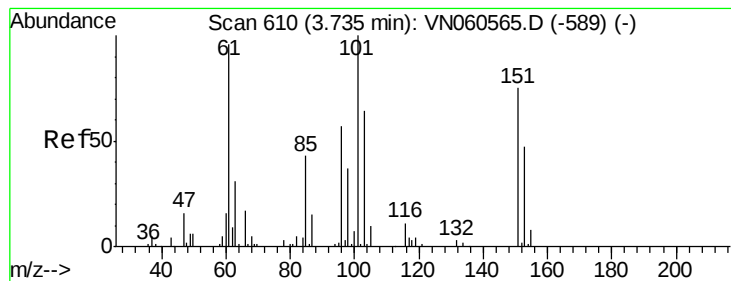
Diethyl Ether
 Concen: 48.429 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion: 74 Resp: 64105
 Ion Ratio Lower Upper
 74 100
 45 106.7 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.675 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

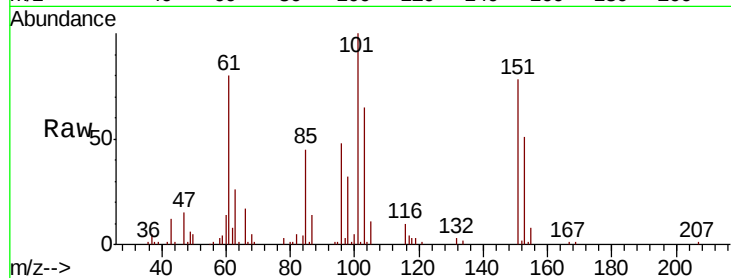
Tot Ion:101 Resp: 91026

Ion Ratio Lower Upper

101 100

85 43.9 35.6 53.4

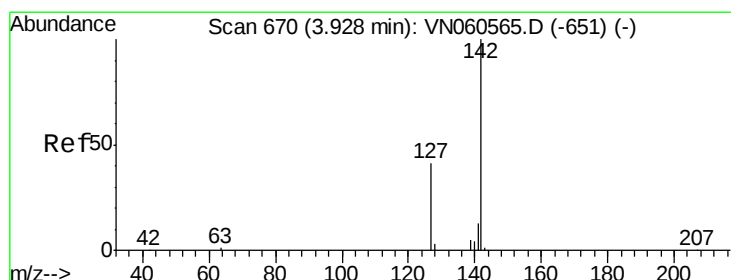
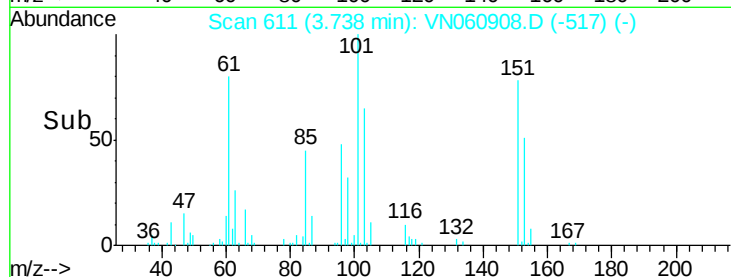
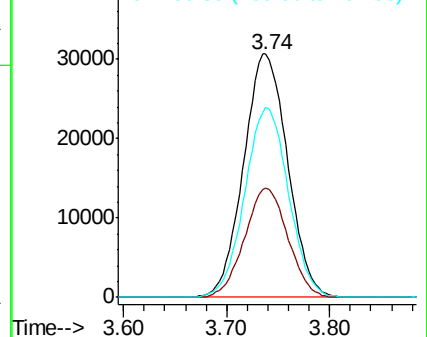
151 77.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.524 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

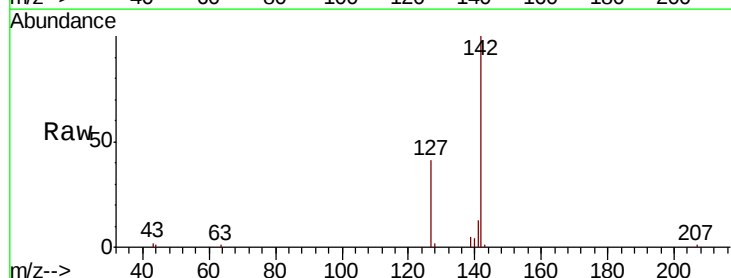
Tgt Ion:142 Resp: 75645

Ion Ratio Lower Upper

142 100

127 40.9 33.5 50.3

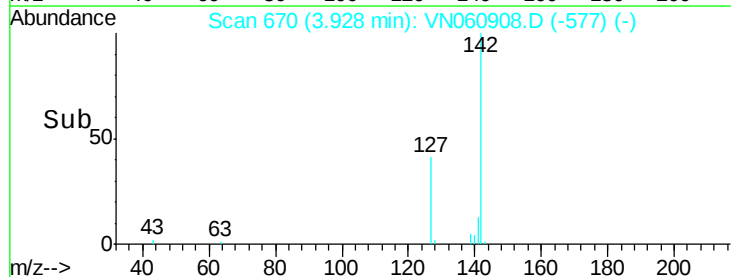
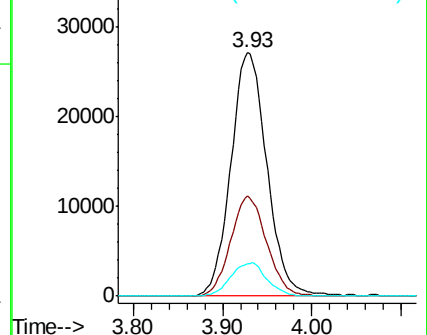
141 13.7 11.0 16.6

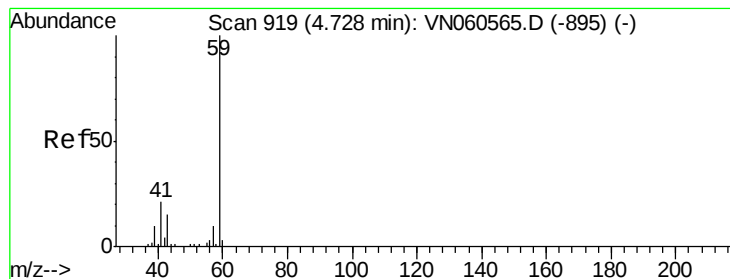


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



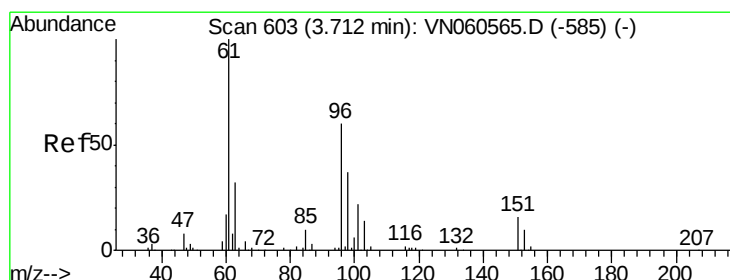
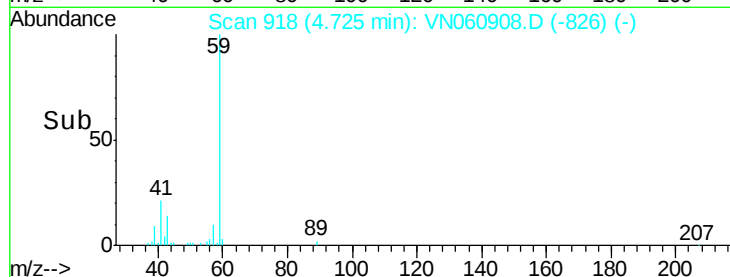
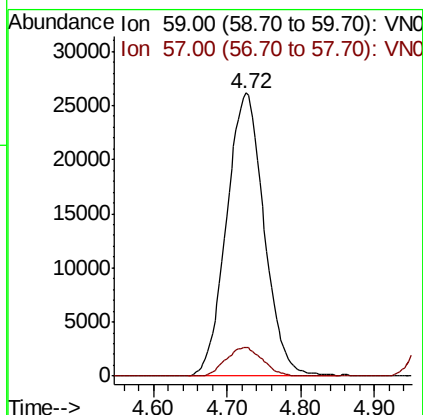
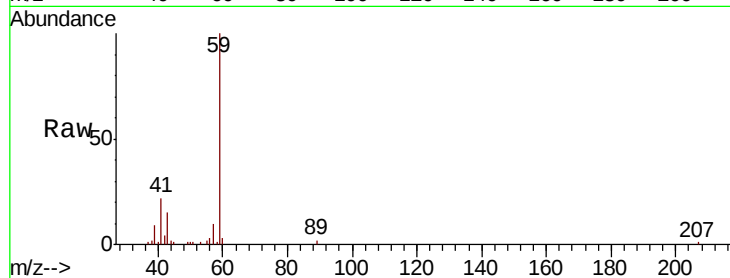


#11

Tert butyl alcohol
Concen: 242.268 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :

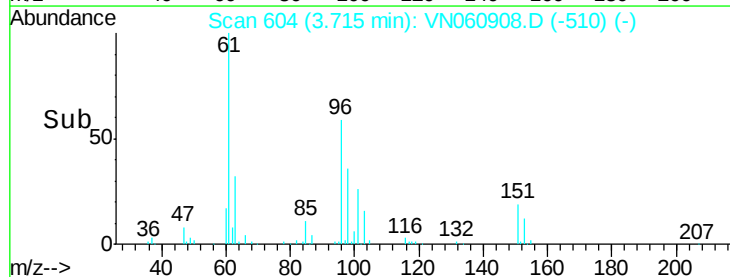
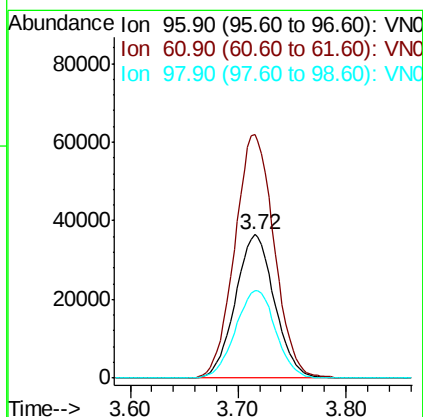
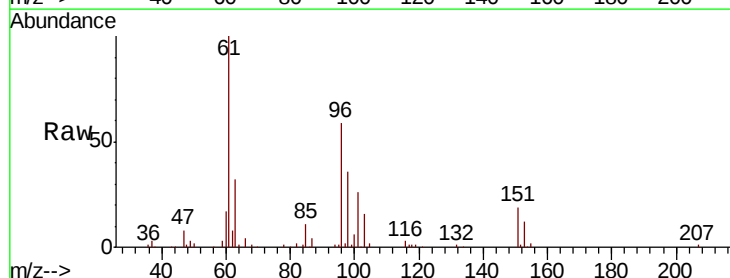
Tot Ion: 59 Resp: 92562
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12

1,1-Dichloroethene
Concen: 44.904 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 96 Resp: 92005
Ion Ratio Lower Upper
96 100
61 169.5 134.1 201.1
98 61.2 49.9 74.9





#13

Acrolein

Concen: 206.014 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

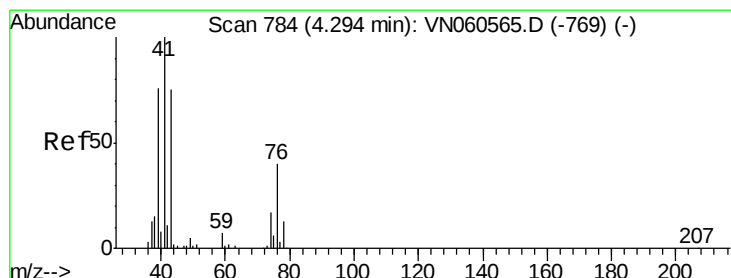
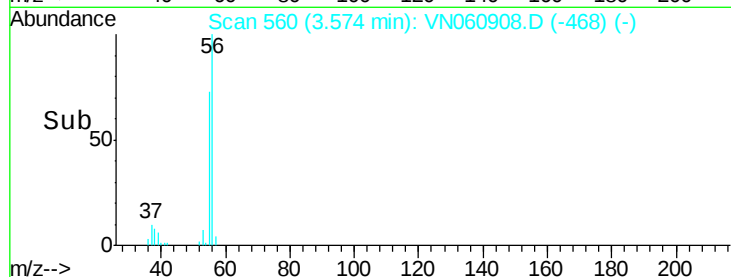
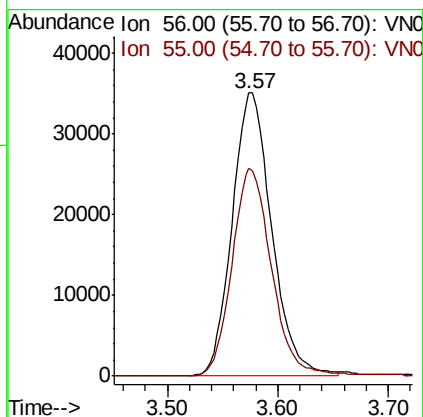
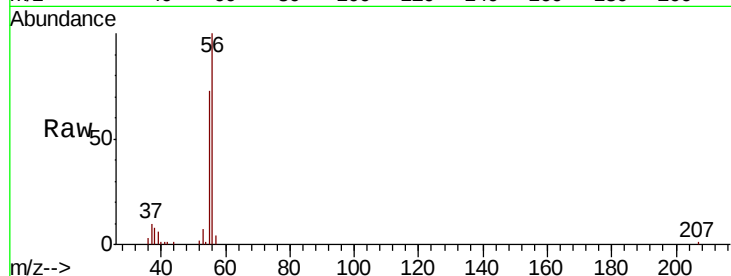
ClientSampleId :

Tot Ion: 56 Resp: 87235

Ion Ratio Lower Upper

56 100

55 73.3 56.7 85.1



#14

Allyl chloride

Concen: 46.729 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

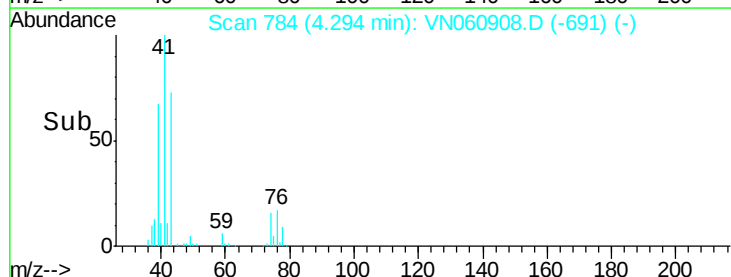
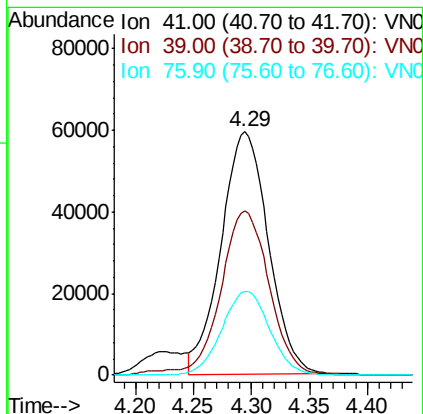
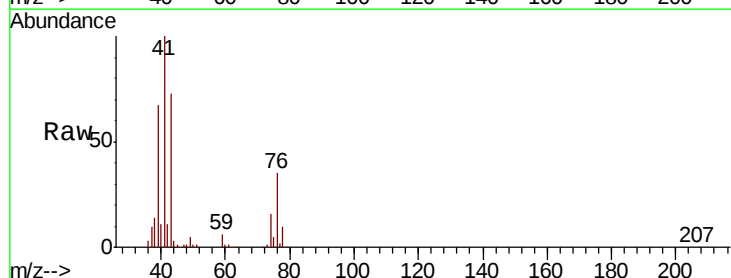
Tgt Ion: 41 Resp: 168393

Ion Ratio Lower Upper

41 100

39 70.2 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 255.343 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

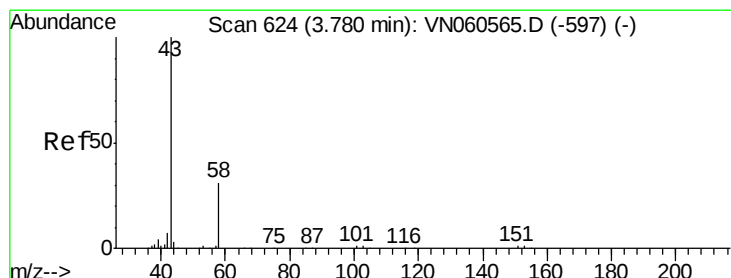
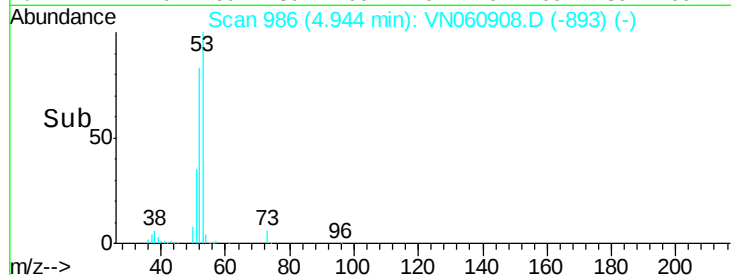
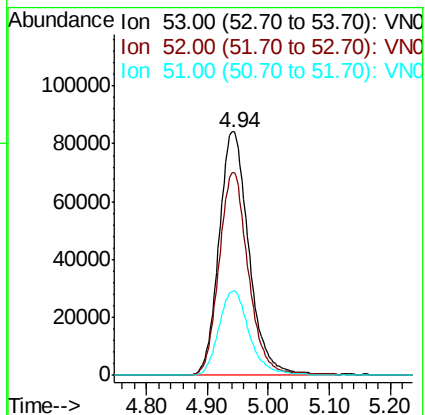
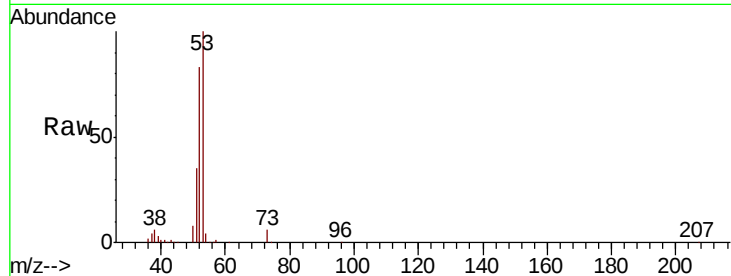
Tot Ion: 53 Resp: 286877

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.4

51 35.4 28.7 43.1



#16

Acetone

Concen: 250.044 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060908.D

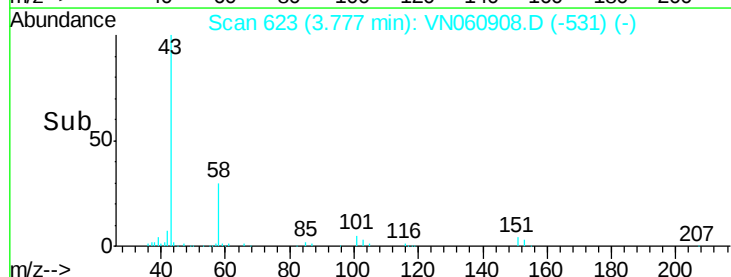
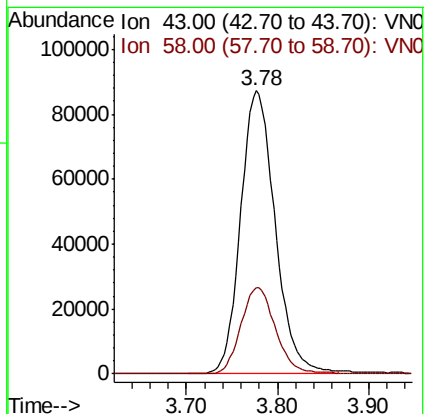
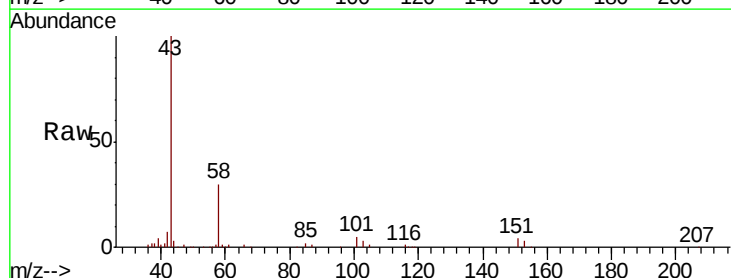
Acq: 8 Apr 2020 17:56

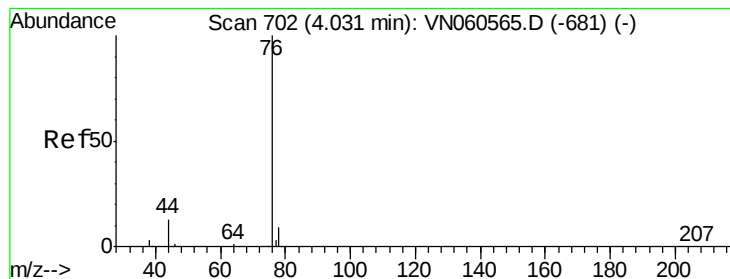
Tgt Ion: 43 Resp: 230096

Ion Ratio Lower Upper

43 100

58 30.4 25.1 37.7





#17

Carbon Disulfide

Concen: 40.470 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

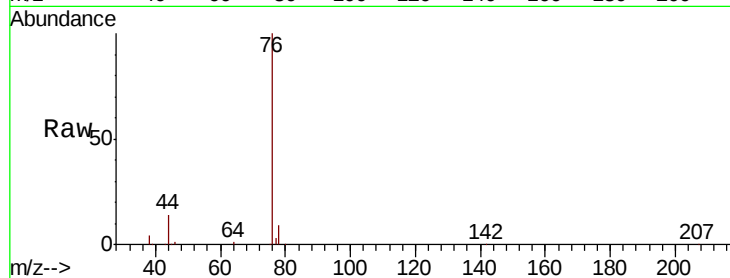
ClientSampleId :

Tot Ion: 76 Resp: 252185

Ion Ratio Lower Upper

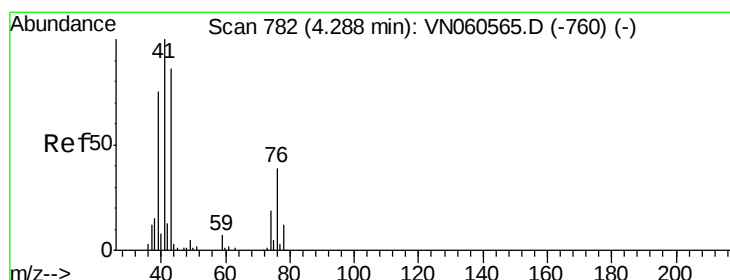
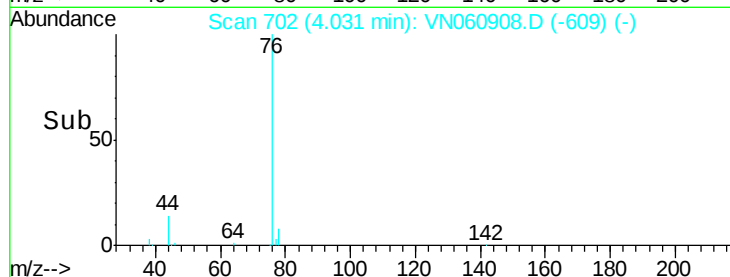
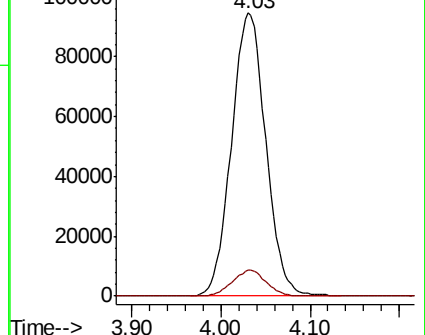
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060908.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060908.D (-609) (-)



#18

Methyl Acetate

Concen: 53.558 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060908.D

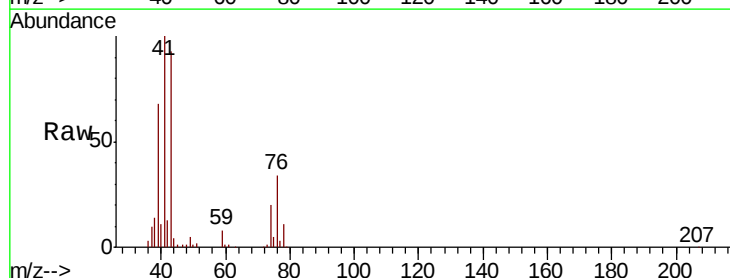
Acq: 8 Apr 2020 17:56

Tgt Ion: 43 Resp: 138725

Ion Ratio Lower Upper

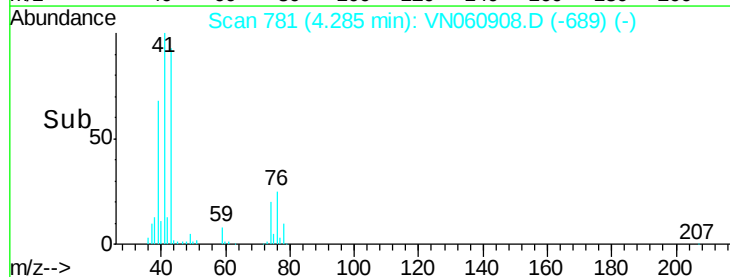
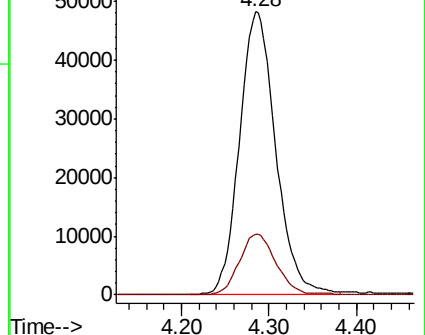
43 100

74 21.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060908.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060908.D (-689) (-)

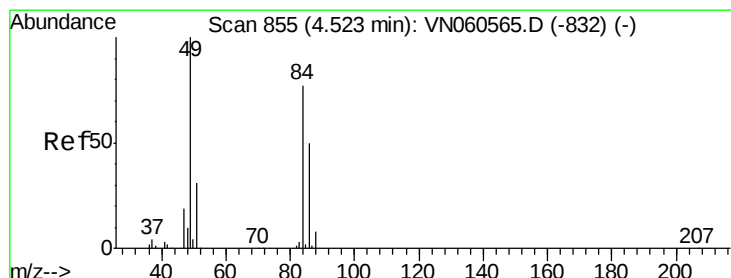
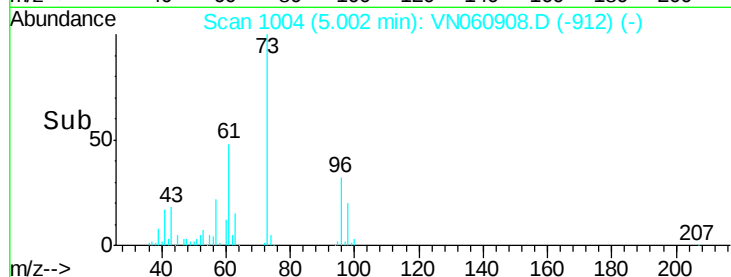
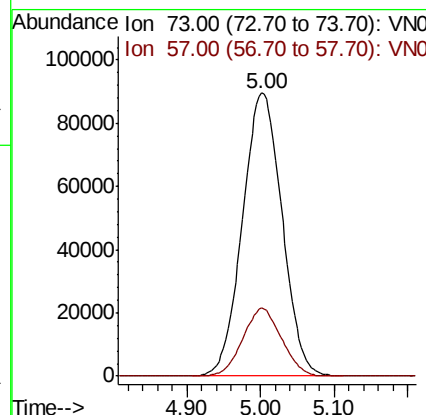
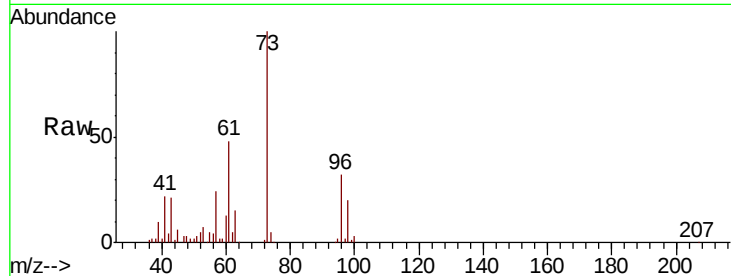




#19
Methvl tert-butvl Ether
Concen: 47.593 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

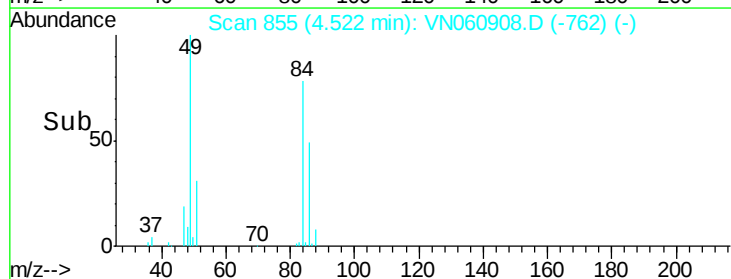
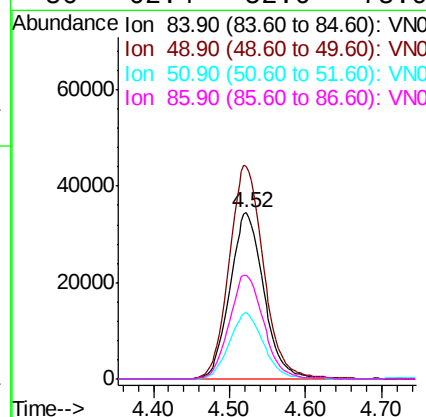
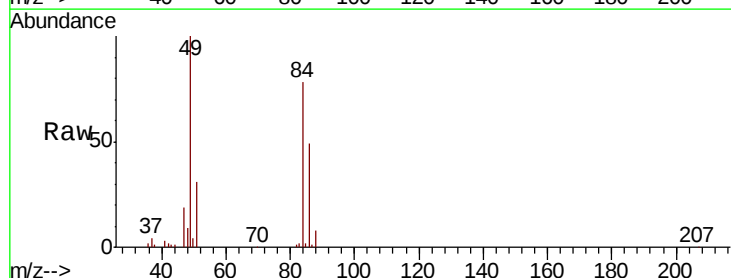
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 73 Resp: 335264
Ion Ratio Lower Upper
73 100
57 23.9 17.5 26.3



#20
Methylene Chloride
Concen: 47.184 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 84 Resp: 106810
Ion Ratio Lower Upper
84 100
49 128.3 103.3 154.9
51 40.1 31.6 47.4
86 62.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 44.982 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

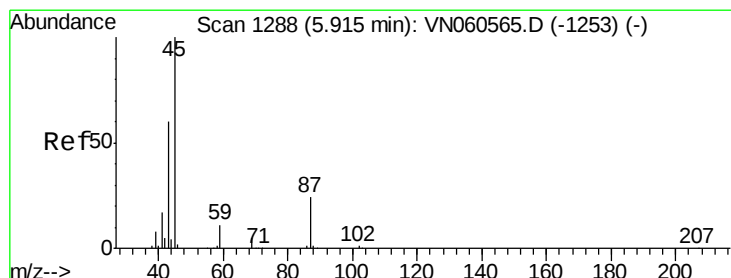
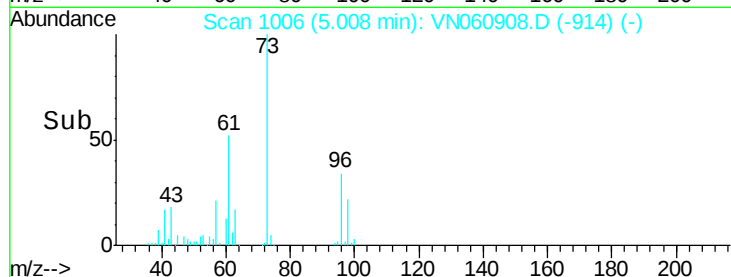
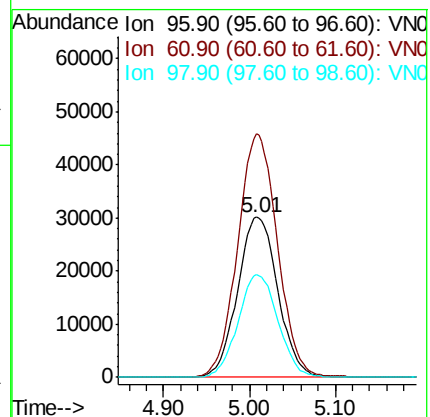
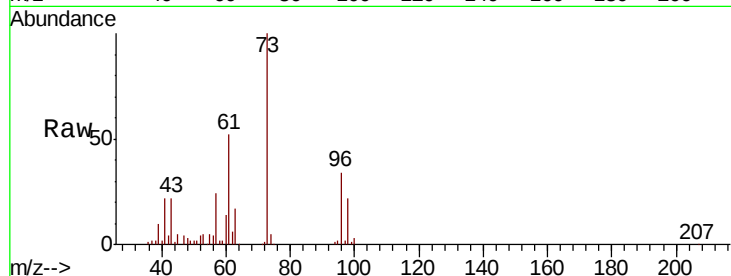
Tot Ion: 96 Resp: 98227

Ion Ratio Lower Upper

96 100

61 151.9 114.4 171.6

98 63.8 48.4 72.6



#22

Diisopropyl ether

Concen: 50.904 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Tgt Ion: 45 Resp: 387545

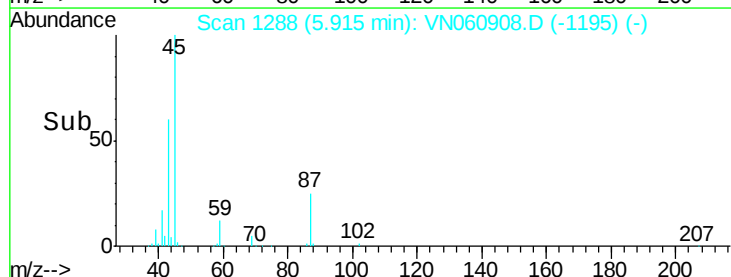
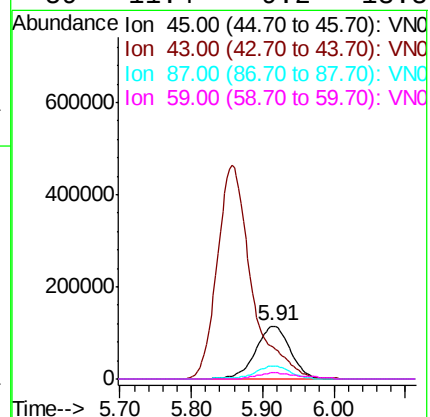
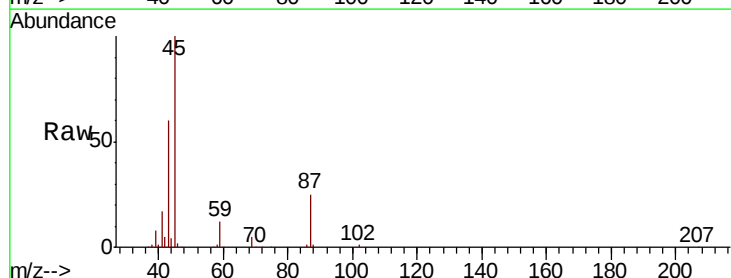
Ion Ratio Lower Upper

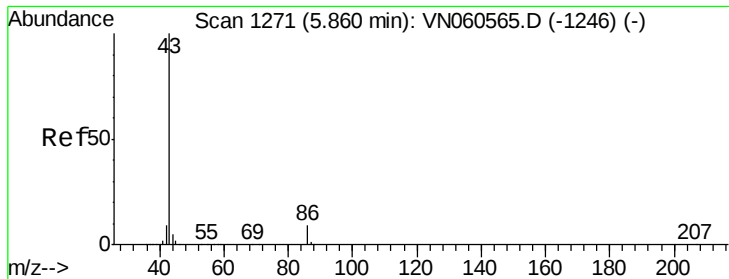
45 100

43 59.4 49.8 74.8

87 24.8 20.1 30.1

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 249.746 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

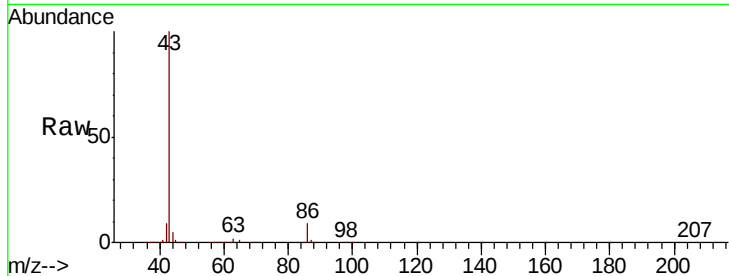
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1551371

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060908.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060908.D (-1178) (-)

5.86

500000

400000

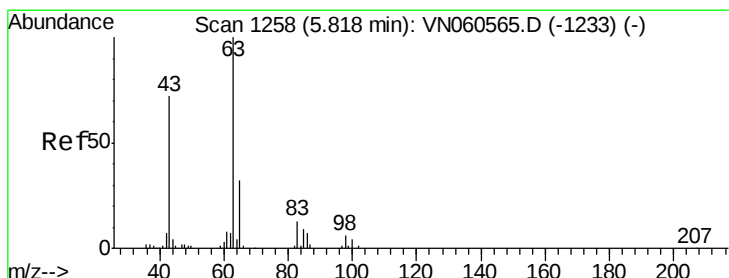
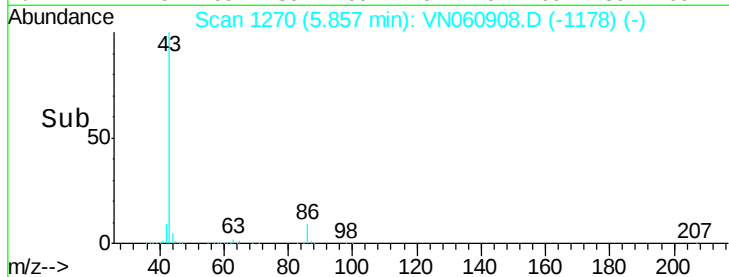
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.802 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

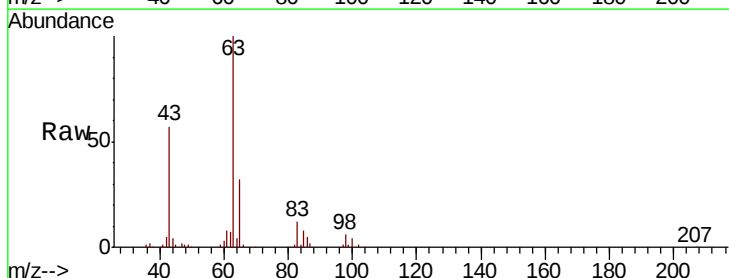
Tgt Ion: 63 Resp: 202545

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.7

100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060908.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060908.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060908.D (-1165) (-)

5.82

80000

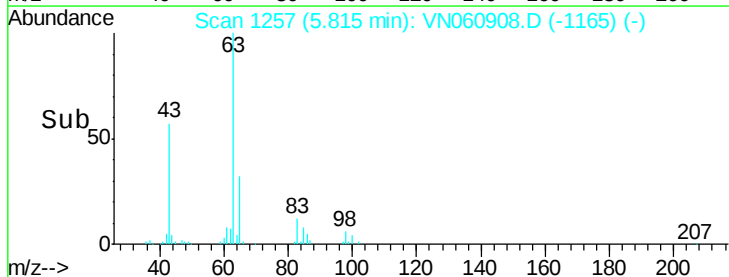
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 251.400 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

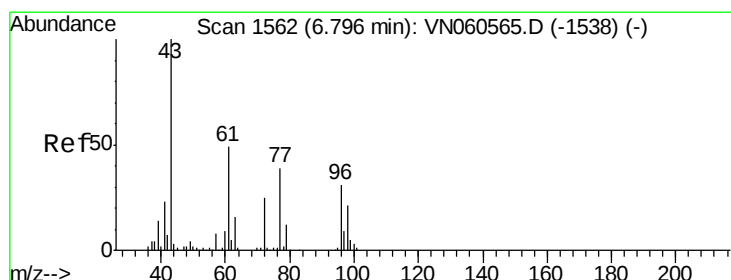
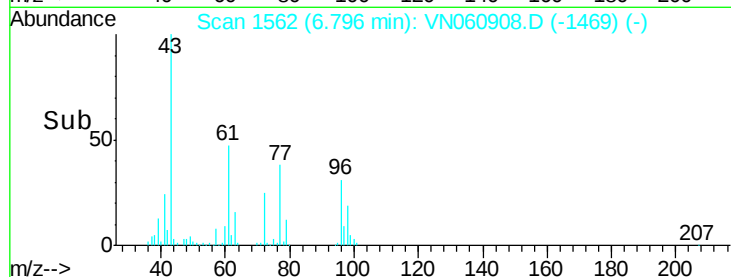
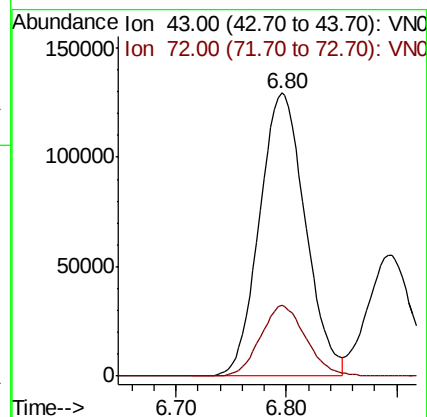
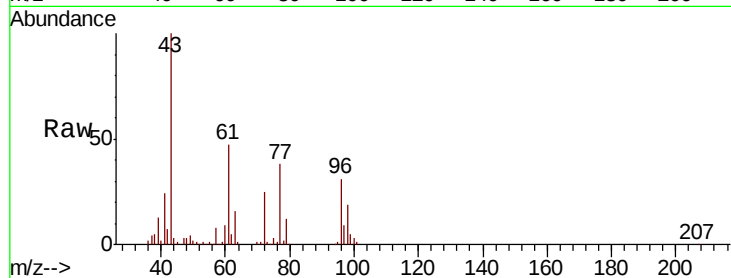
ClientSampled :

Tot Ion: 43 Resp: 374353

Ion Ratio Lower Upper

43 100

72 25.0 20.4 30.6



#26

2,2-Dichloropropane

Concen: 48.072 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060908.D

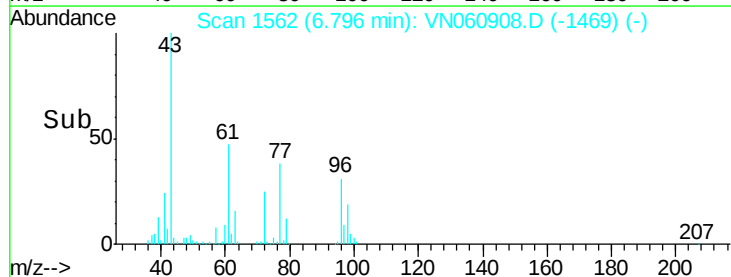
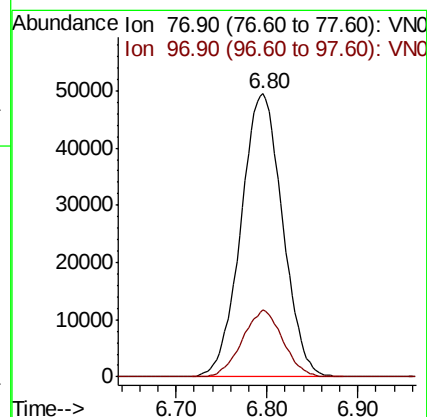
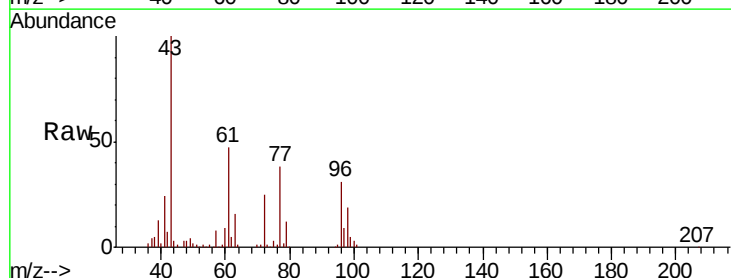
Acq: 8 Apr 2020 17:56

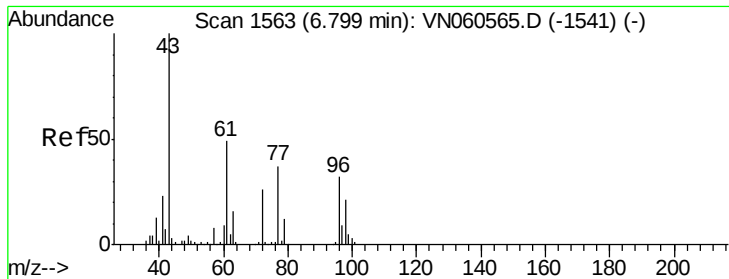
Tgt Ion: 77 Resp: 156976

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.533 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :

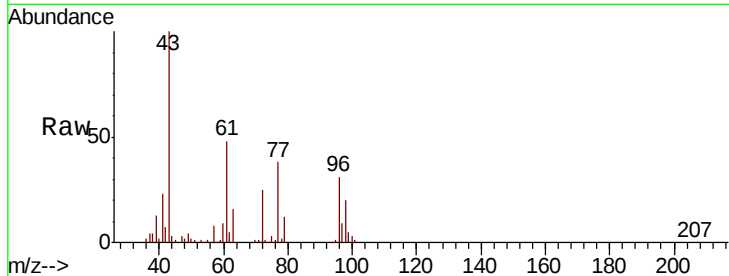
Tot Ion: 96 Resp: 117954

Ion Ratio Lower Upper

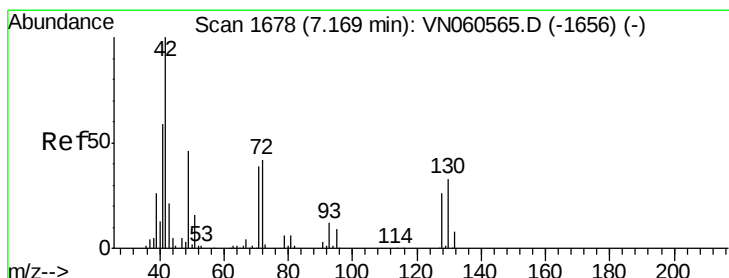
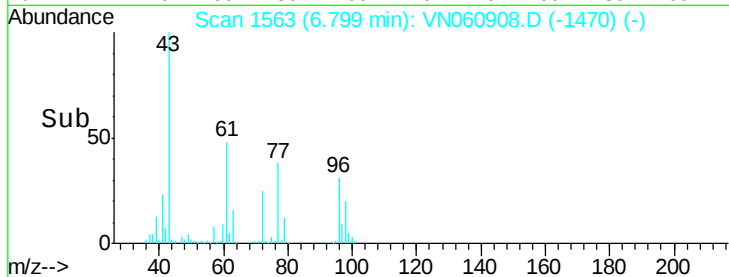
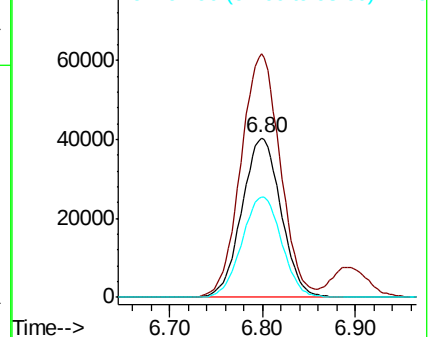
96 100

61 154.0 0.0 305.6

98 64.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.794 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

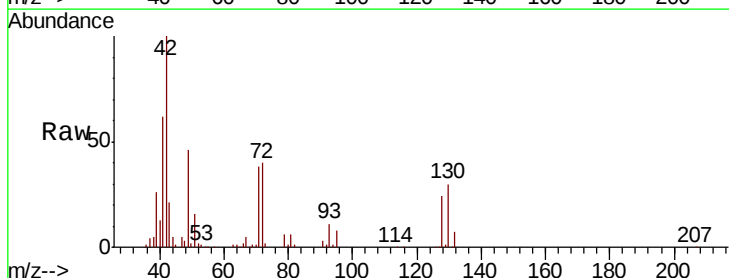
Tgt Ion: 49 Resp: 102849

Ion Ratio Lower Upper

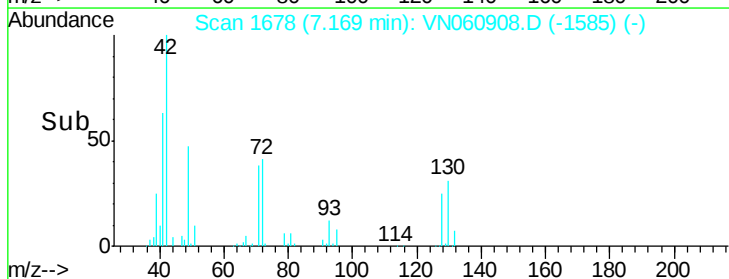
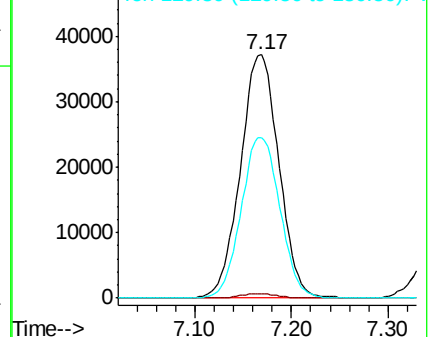
49 100

129 1.5 0.0 3.4

130 66.3 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

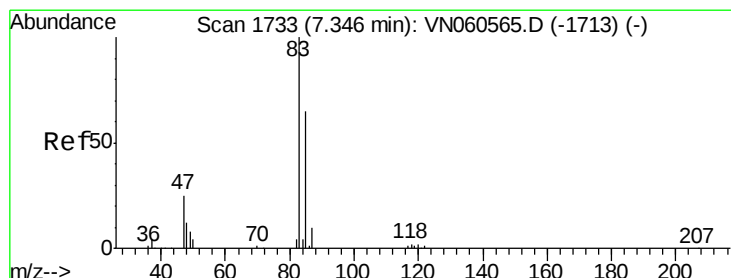
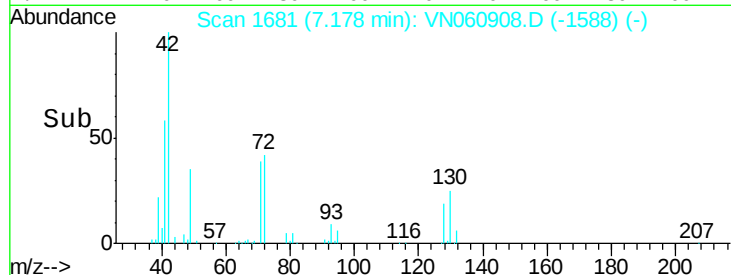
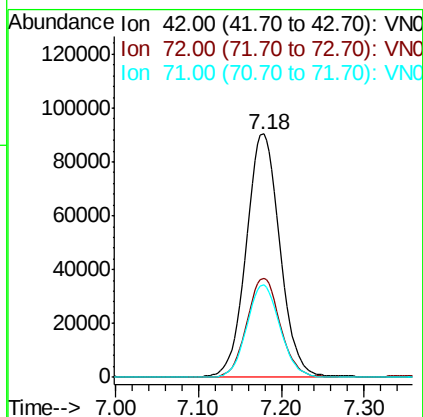
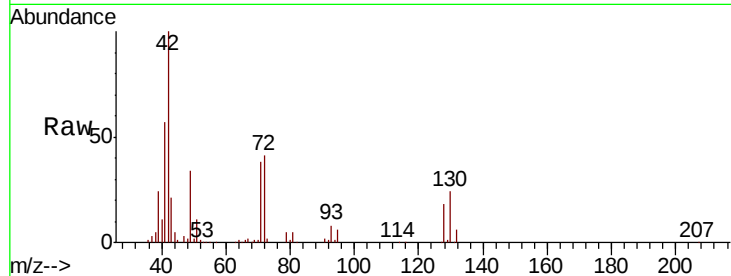




#29
Tetrahydrofuran
Concen: 242.290 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

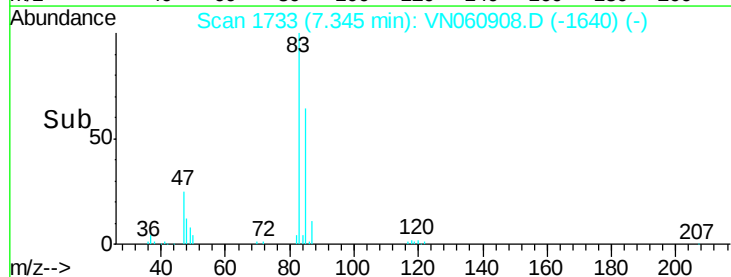
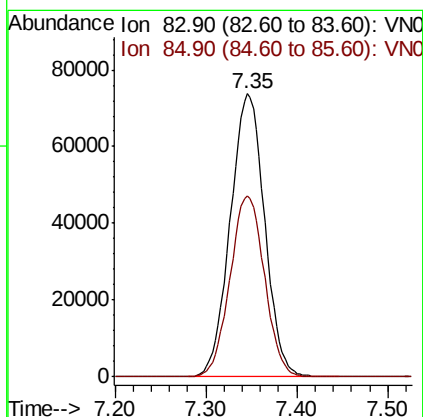
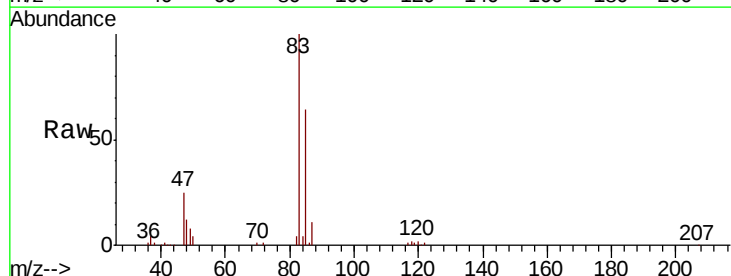
Instrument :
MSVOA_N
ClientSampled :

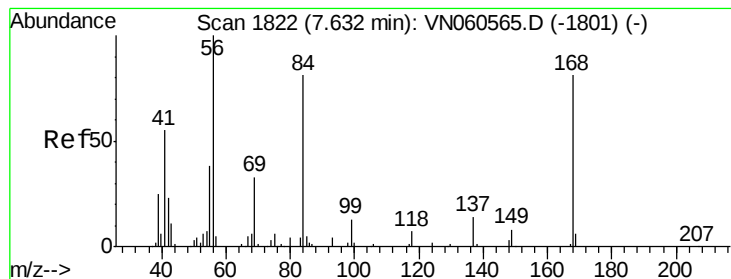
Tot Ion: 42 Resp: 255272
Ion Ratio Lower Upper
42 100
72 40.2 33.2 49.8
71 37.7 31.1 46.7



#30
Chloroform
Concen: 48.639 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 83 Resp: 193523
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.8





#31

Cyclohexane

Concen: 44.708 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :

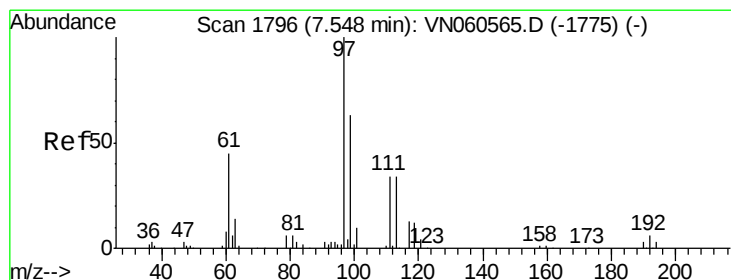
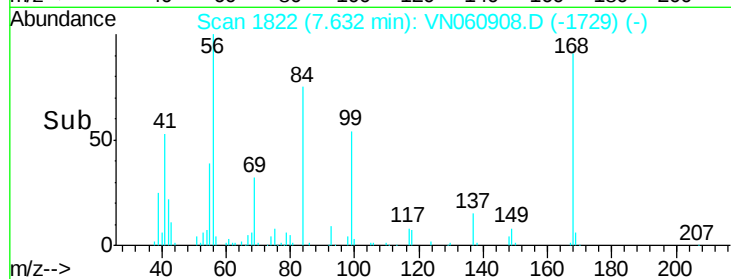
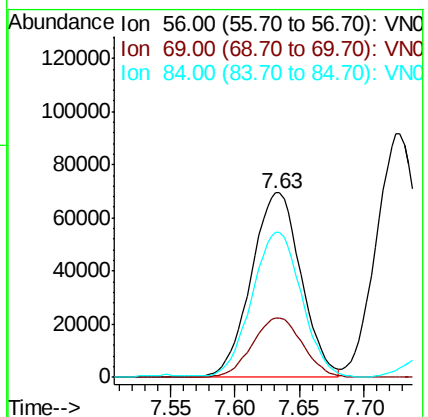
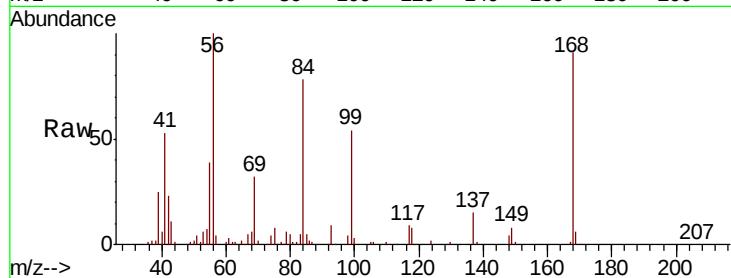
Tot Ion: 56 Resp: 187066

Ion Ratio Lower Upper

56 100

69 32.3 26.6 40.0

84 77.3 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 48.211 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

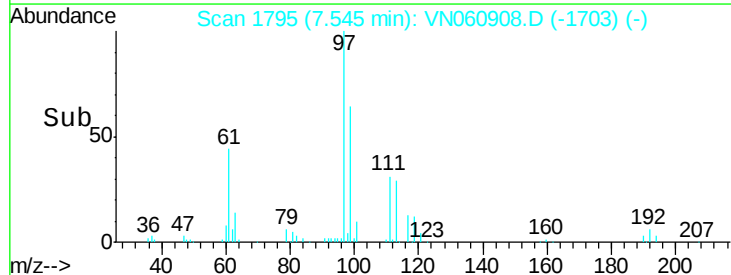
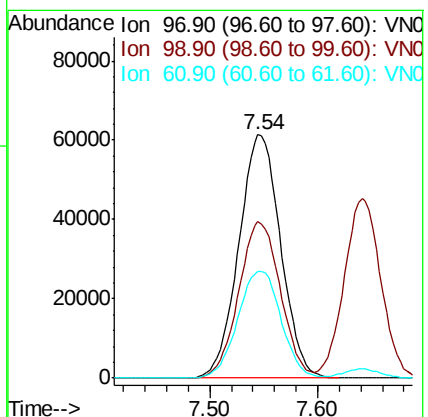
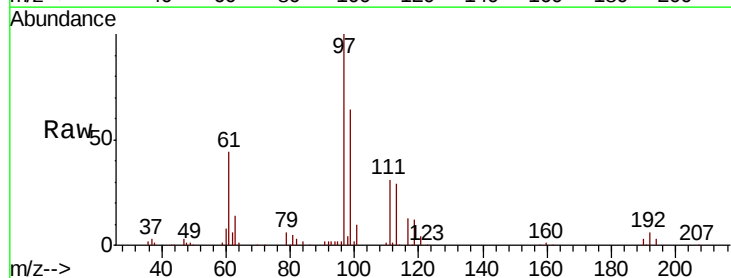
Tgt Ion: 97 Resp: 165365

Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 45.4 36.2 54.4

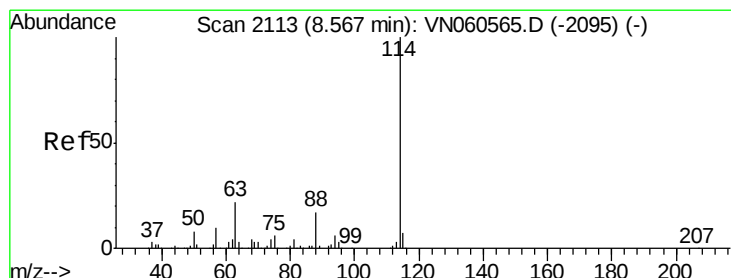
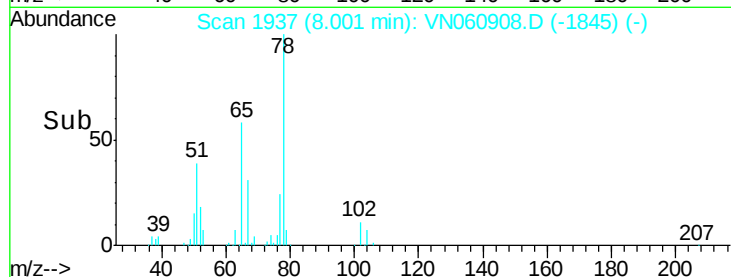
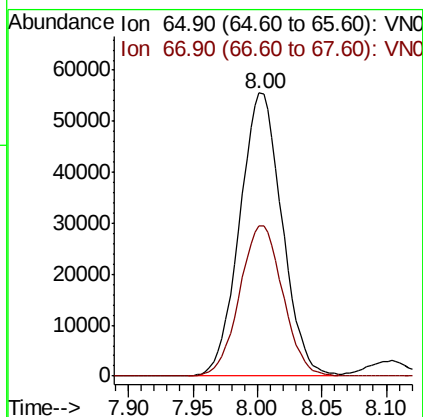
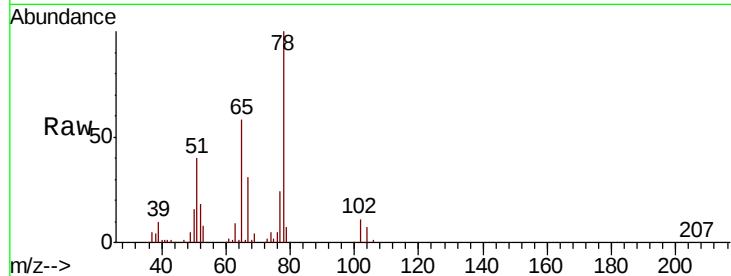




#33
 1,2-Dichloroethane-d4
 Concen: 48.944 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

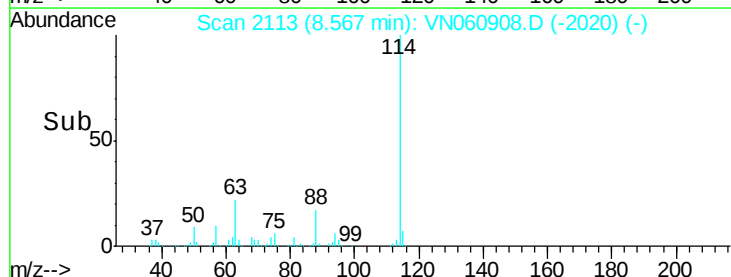
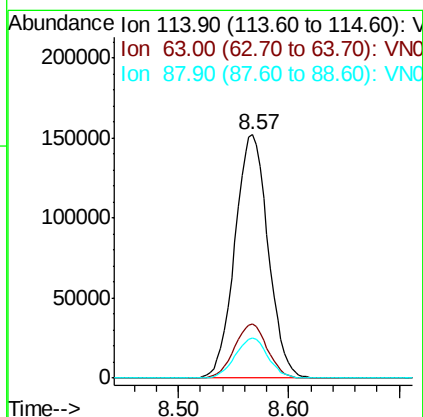
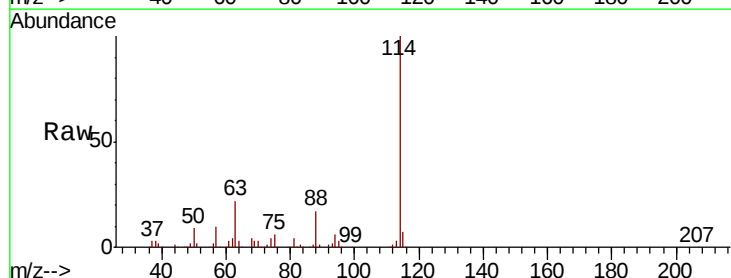
Instrument :
 MSVOA_N
 ClientSampleId :

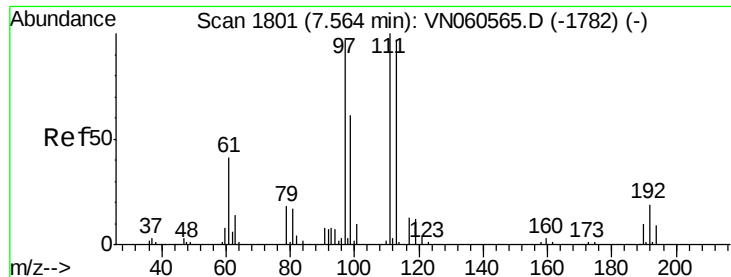
Tot Ion: 65 Resp: 127150
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion: 114 Resp: 316807
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.6 0.0 33.0

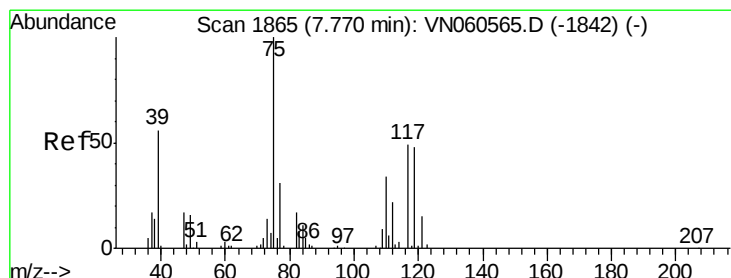
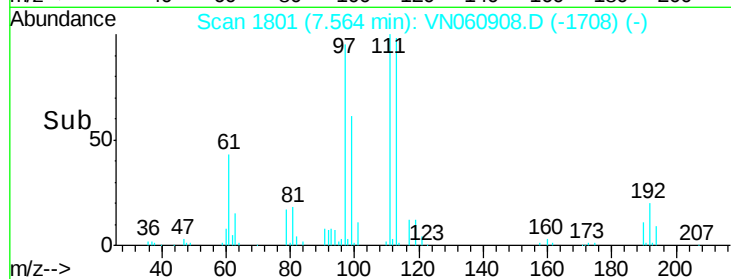
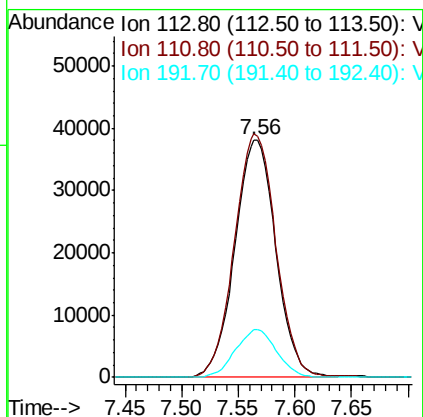
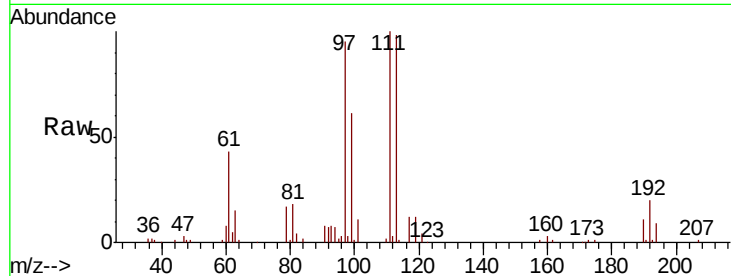




#35
 Dibromofluoromethane
 Concen: 50.195 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

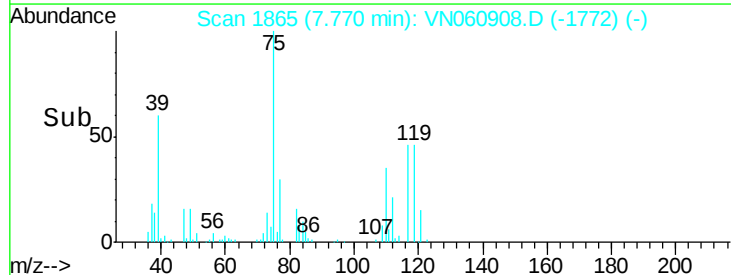
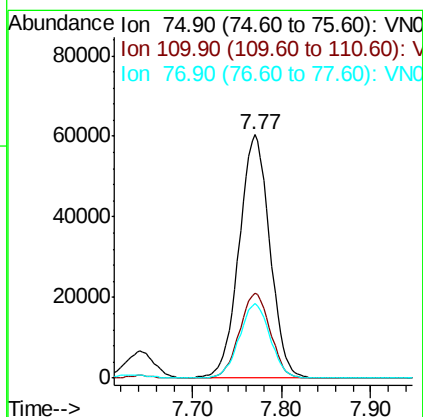
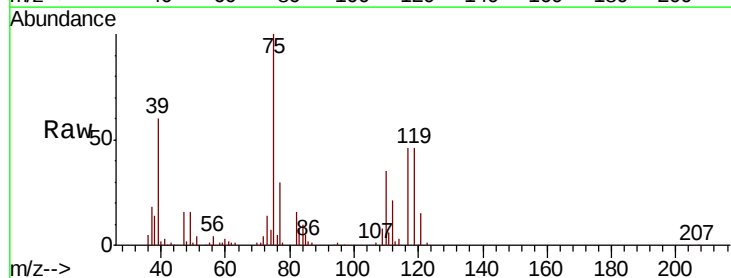
Instrument :
 MSVOA_N
 ClientSampled :

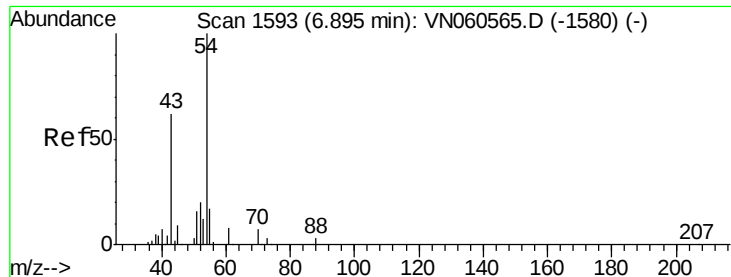
Tot Ion:113 Resp: 96156
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 20.0 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 47.115 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion: 75 Resp: 144534
 Ion Ratio Lower Upper
 75 100
 110 34.7 16.9 50.6
 77 30.7 24.6 36.8

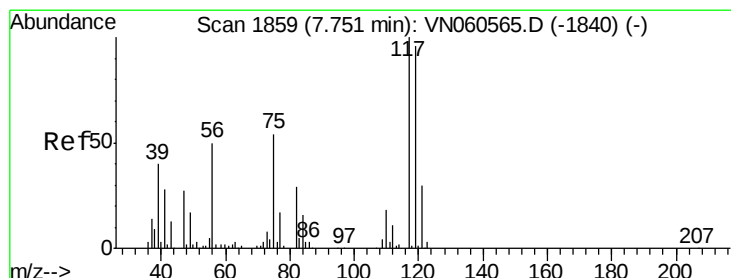
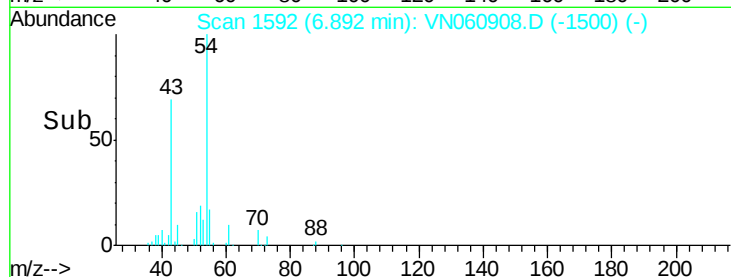
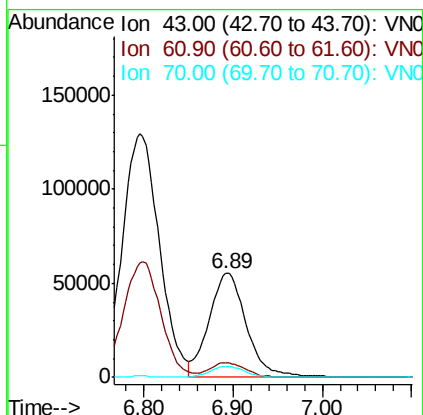
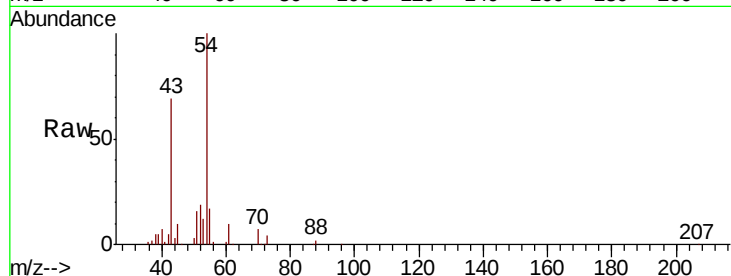




#37
Ethyl Acetate
Concen: 48.077 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

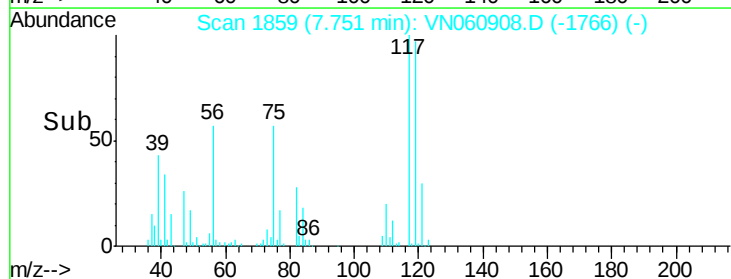
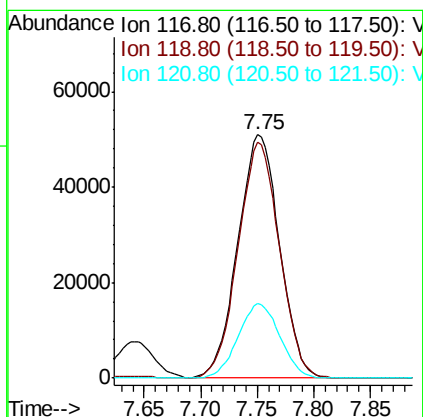
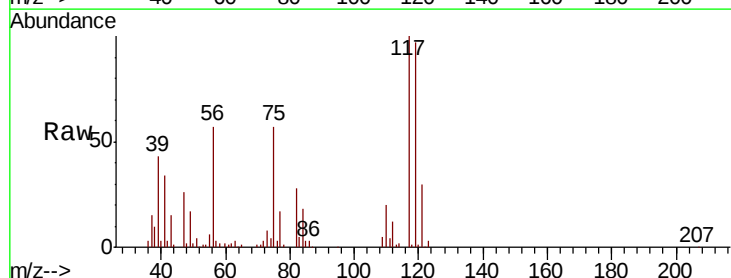
Instrument :
MSVOA_N
ClientSampled :

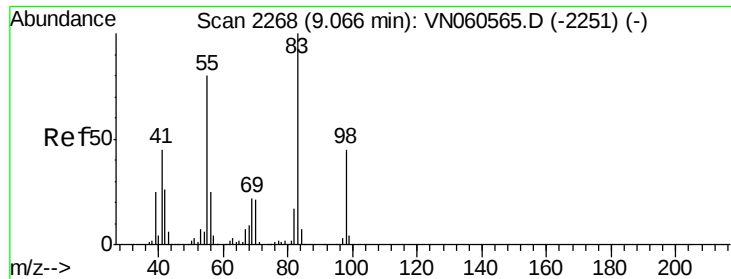
Tot Ion: 43 Resp: 159361
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 47.504 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 117 Resp: 130608
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2
121 30.5 23.7 35.5

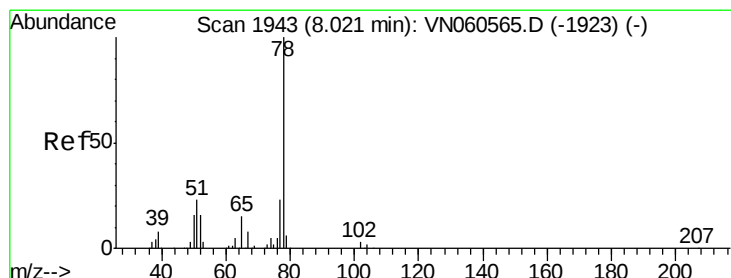
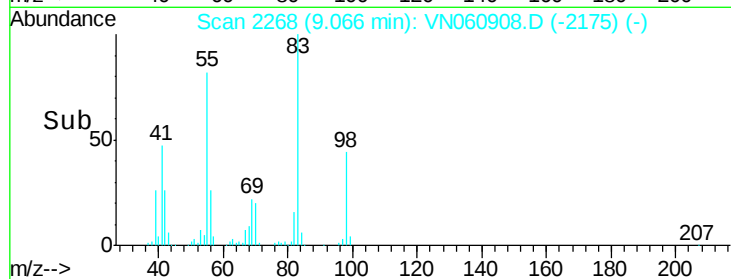
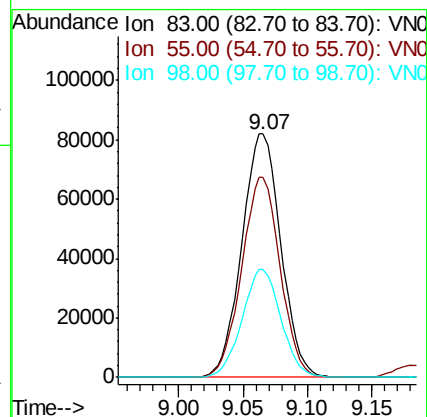
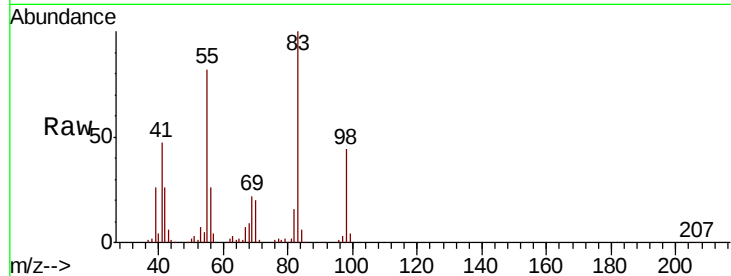




#39
Methvlcvclohexane
Concen: 47.441 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

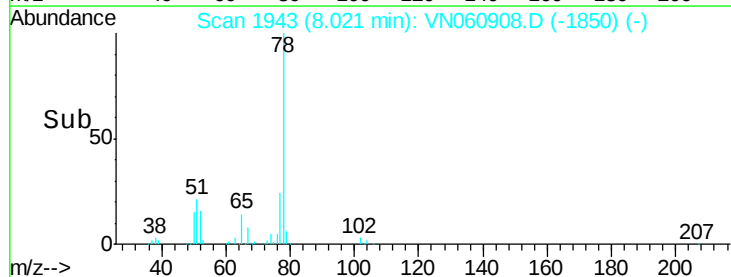
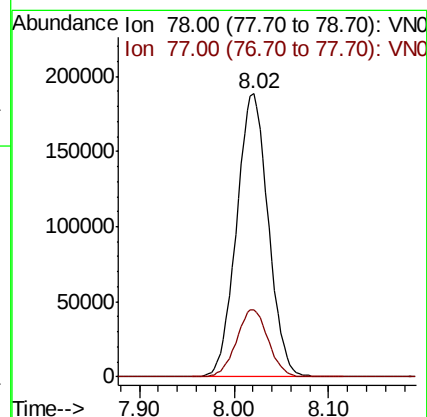
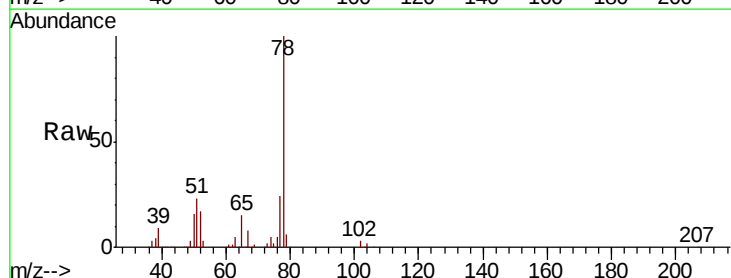
Instrument :
MSVOA_N
ClientSampleId :

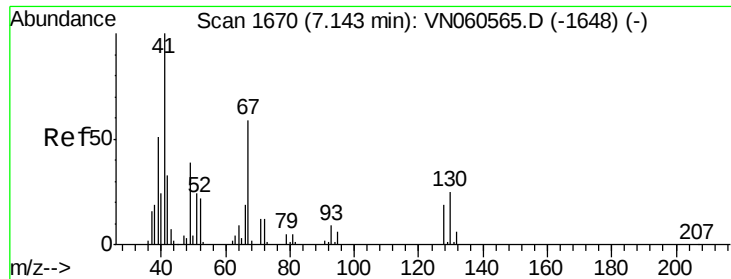
Tot Ion: 83 Resp: 172950
Ion Ratio Lower Upper
83 100
55 82.4 63.6 95.4
98 44.3 36.0 54.0



#40
Benzene
Concen: 47.401 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 78 Resp: 438960
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0

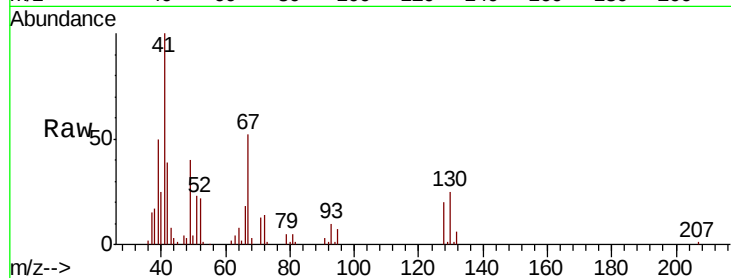




#41
Methacrylonitrile
Concen: 57.927 ug/l
RT: 7.14 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	81945
Ion	Ratio	Lower	Upper
41	100		
39	56.5	0.0	0.0#
67	73.9	0.0	0.0#
52	30.6	0.0	0.0#



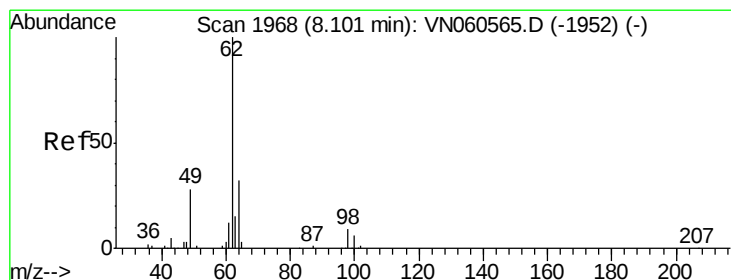
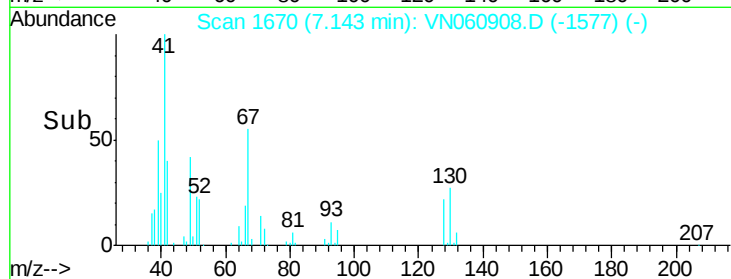
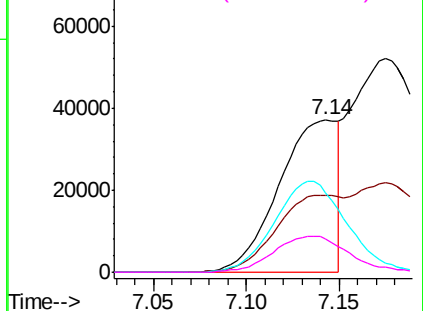
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

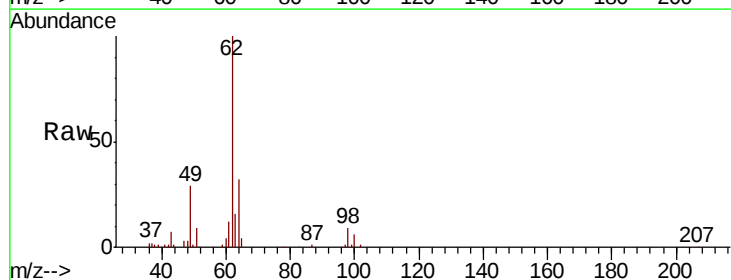
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 48.694 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

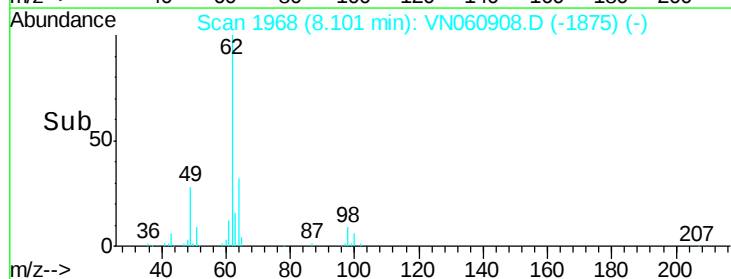
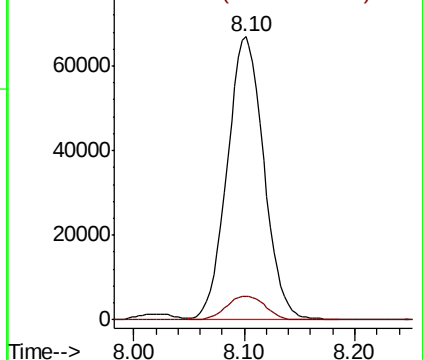
Tgt Ion:	62	Resp:	154106
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

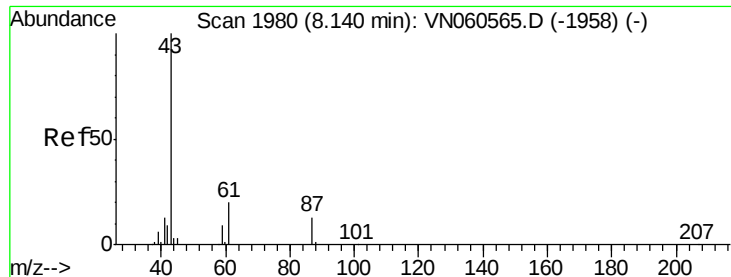


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

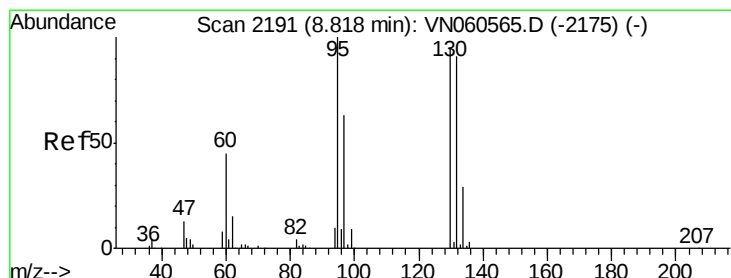
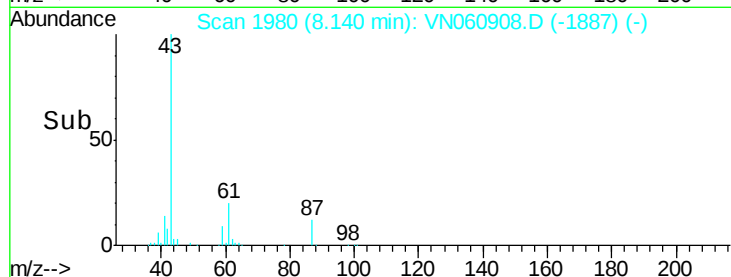
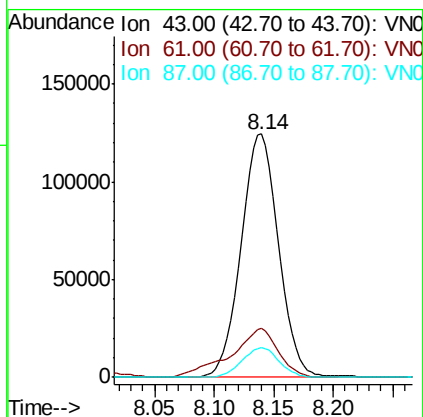
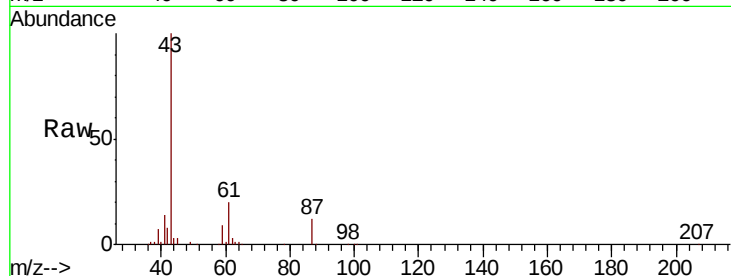




#43
Isopropyl Acetate
Concen: 49.618 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

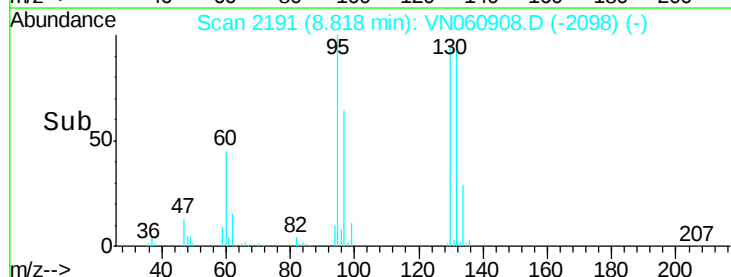
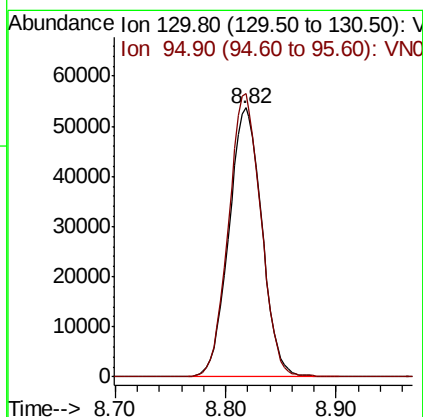
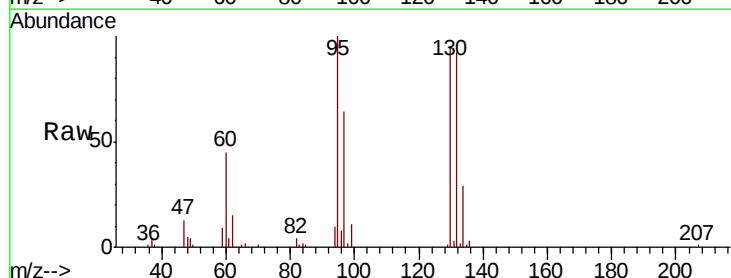
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 271239
Ion Ratio Lower Upper
43 100
61 25.5 20.7 31.1
87 12.0 9.8 14.8



#44
Trichloroethene
Concen: 47.674 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion:130 Resp: 111294
Ion Ratio Lower Upper
130 100
95 105.2 0.0 211.2

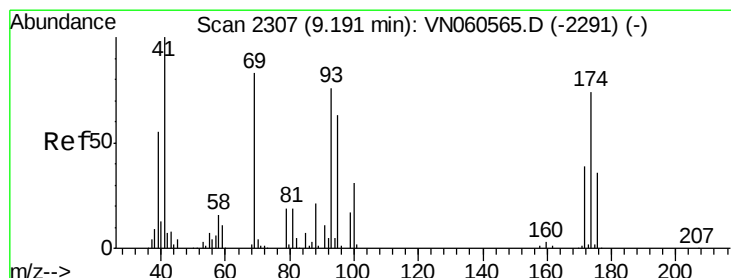
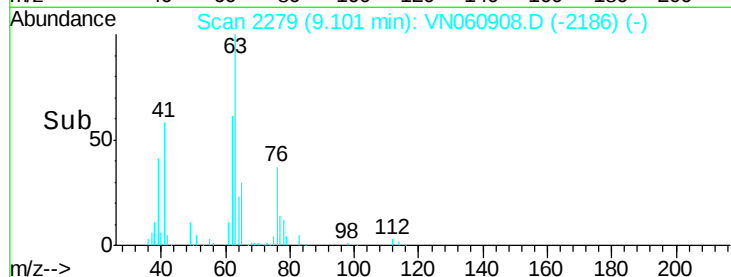
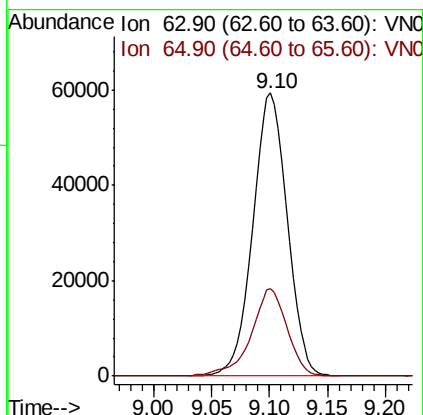
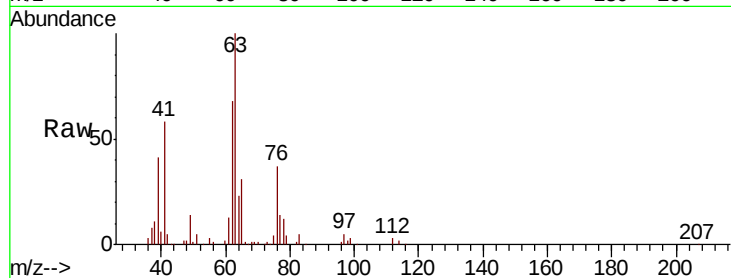




#45
 1,2-Dichloropropane
 Concen: 50.298 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

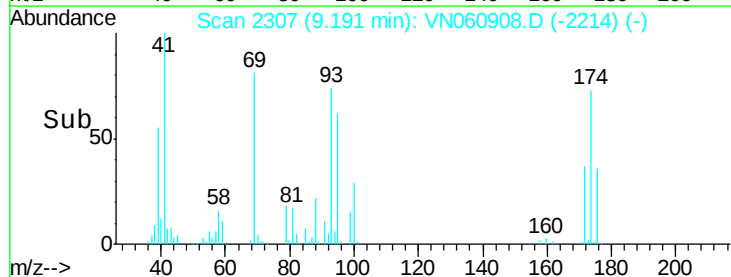
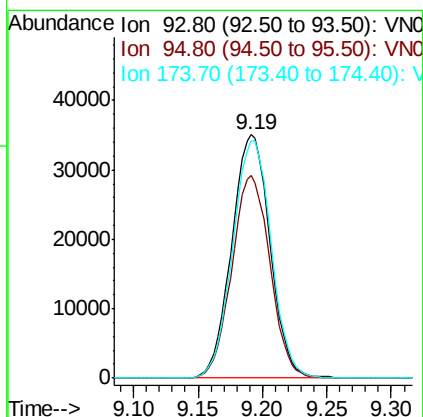
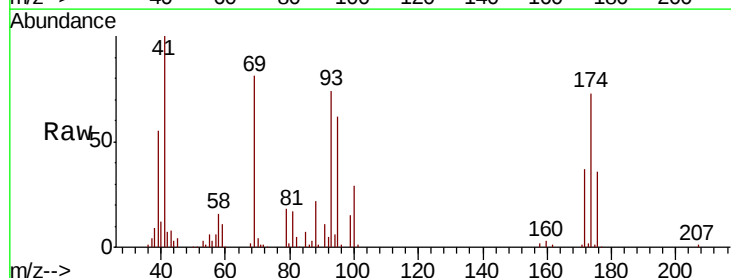
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 122906
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.4 38.0



#46
 Dibromomethane
 Concen: 49.065 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion: 93 Resp: 72483
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.4
 174 98.2 77.9 116.9





#47

Bromodichloromethane

Concen: 50.129 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

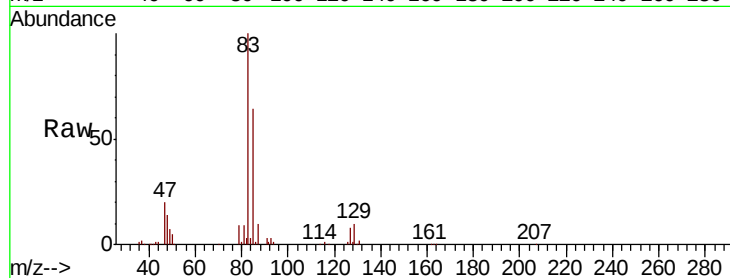
Tot Ion: 83 Resp: 153886

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6

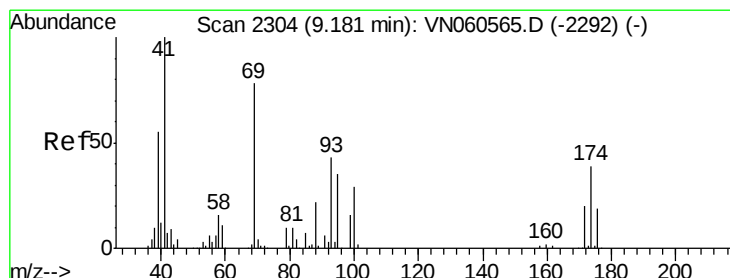
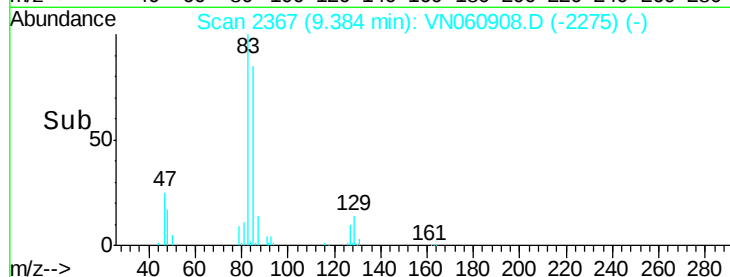
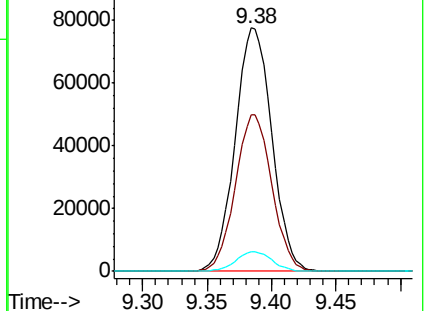
127 7.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060908.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060908.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060908.D (-2275) (-)



#48

Methyl methacrylate

Concen: 49.702 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

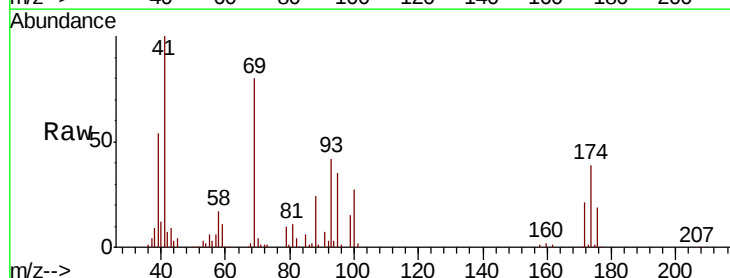
Tgt Ion: 41 Resp: 120968

Ion Ratio Lower Upper

41 100

69 81.2 65.4 98.0

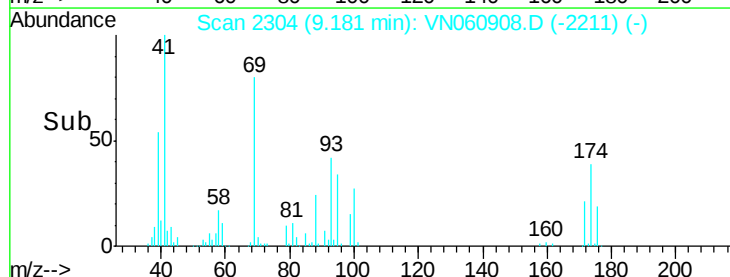
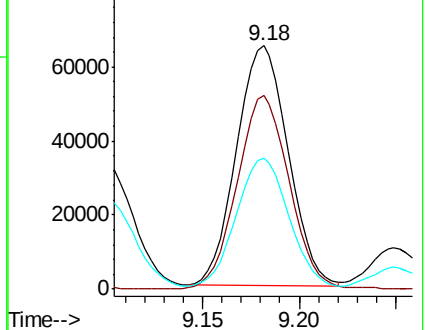
39 53.6 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060908.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060908.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060908.D (-2211) (-)

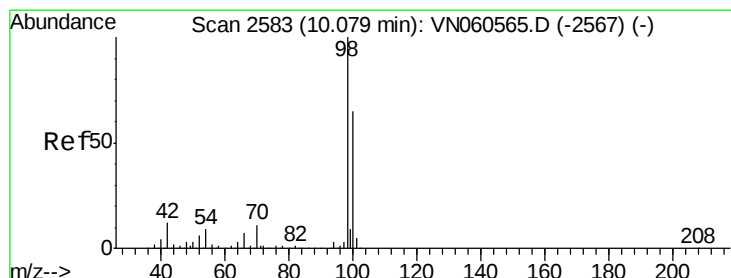
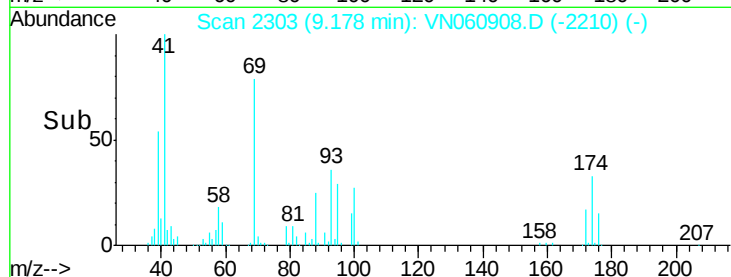
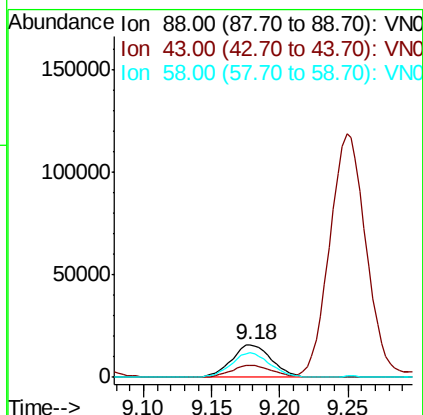
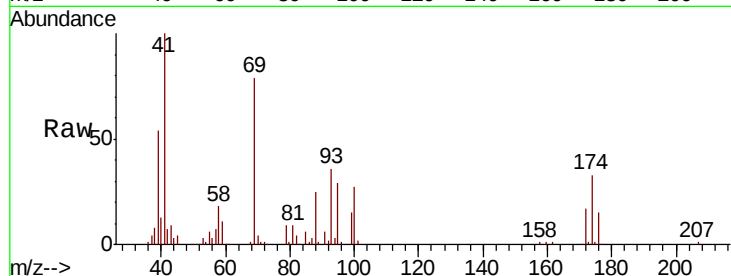




#49
 1,4-Dioxane
 Concen: 1131.134 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

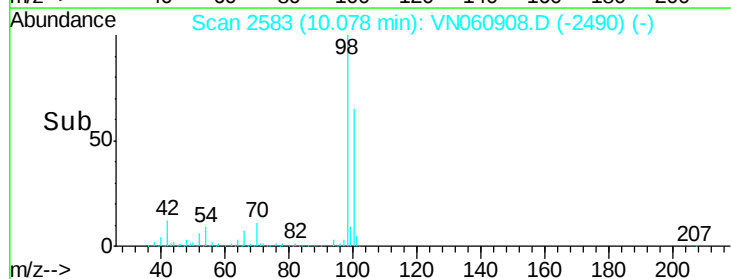
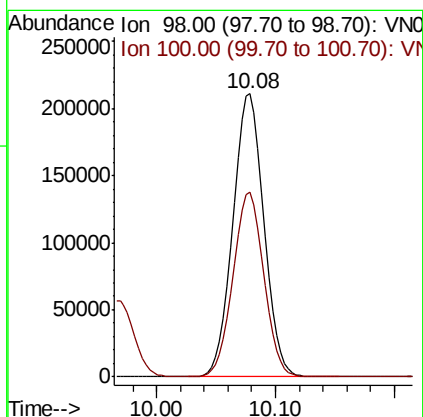
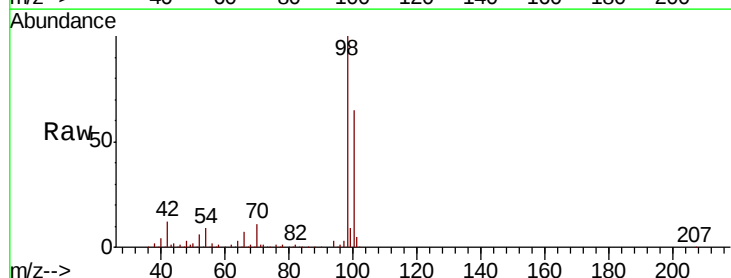
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 32723
 Ion Ratio Lower Upper
 88 100
 43 36.1 30.8 46.2
 58 73.1 59.8 89.8



#50
 Toluene-d8
 Concen: 48.637 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion: 98 Resp: 380567
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8

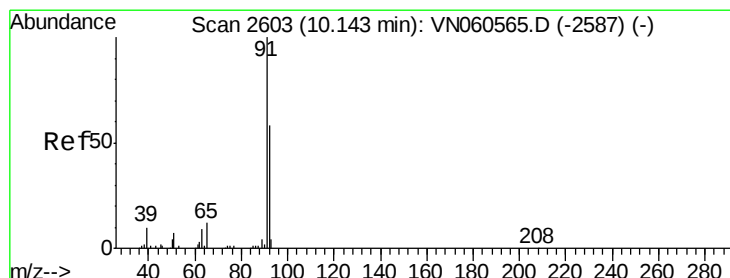
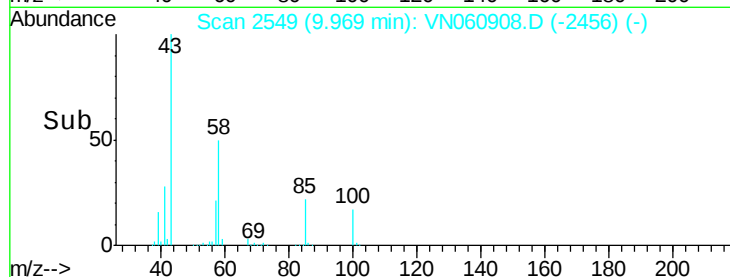
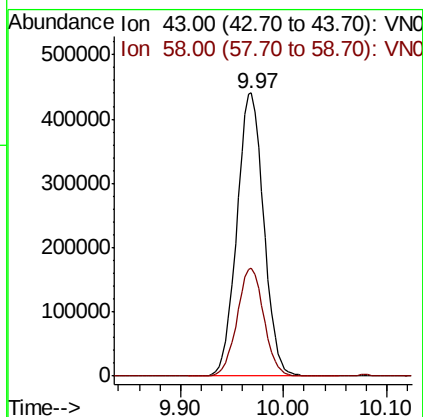
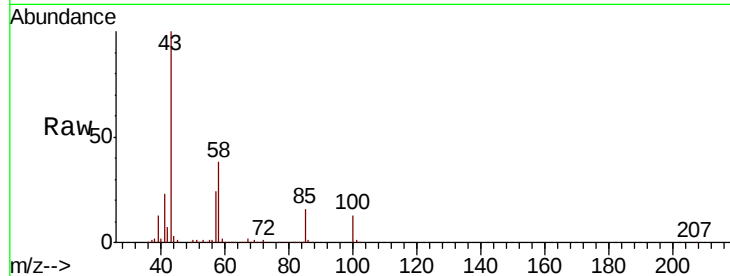




#51
4-Methyl-2-Pentanone
Concen: 256.084 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

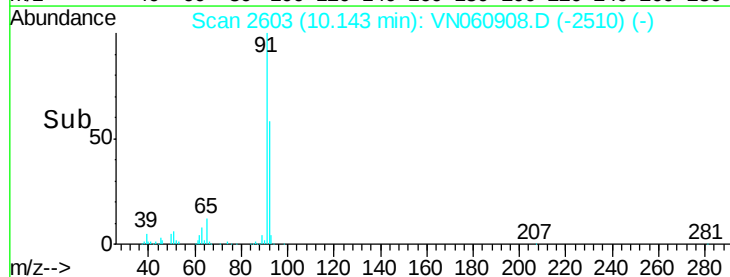
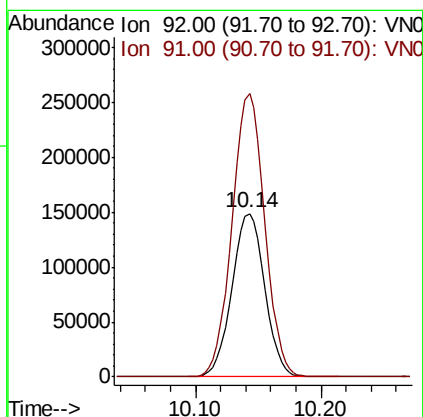
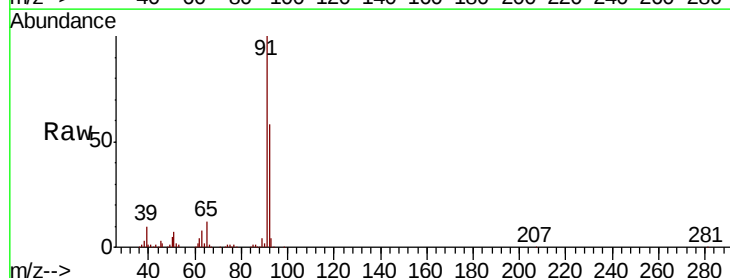
Instrument :
MSVOA_N
ClientSampleId :

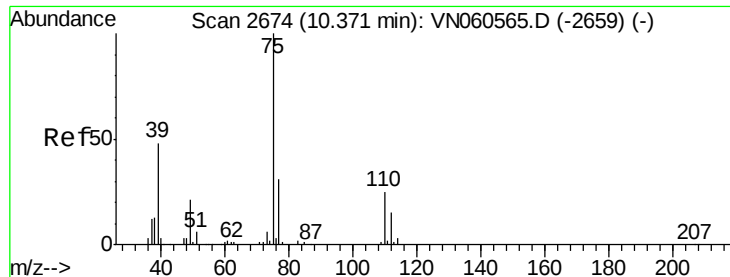
Tot Ion: 43 Resp: 796605
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2



#52
Toluene
Concen: 48.295 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 92 Resp: 270101
Ion Ratio Lower Upper
92 100
91 172.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.790 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

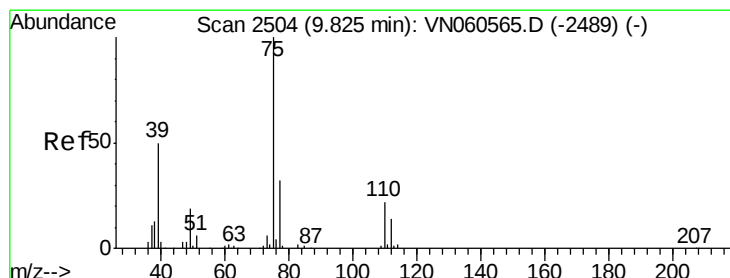
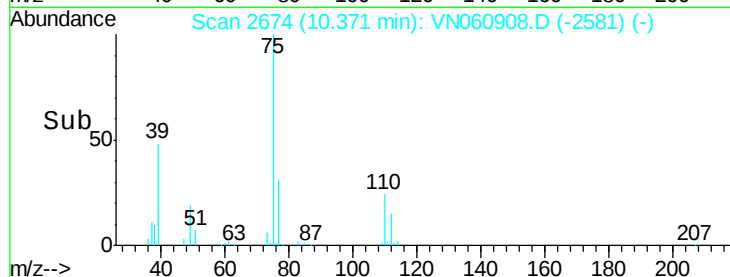
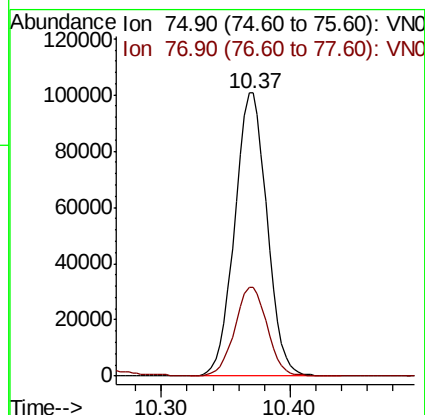
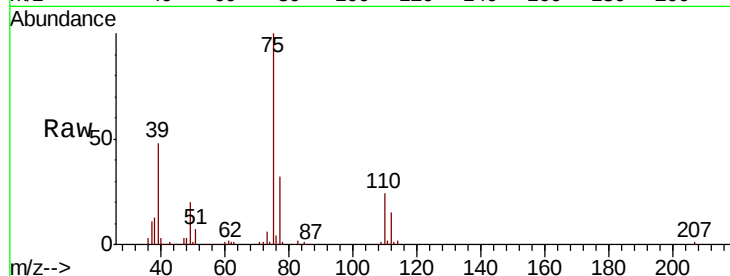
ClientSampled :

Tot Ion: 75 Resp: 175570

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 48.805 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

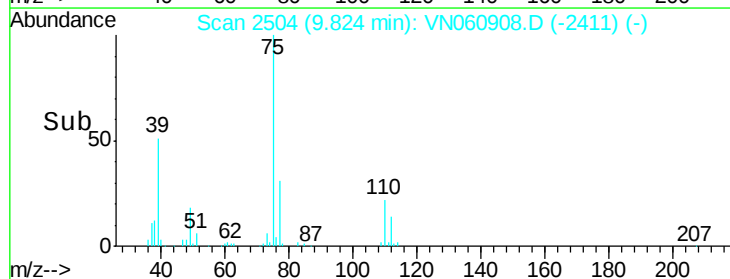
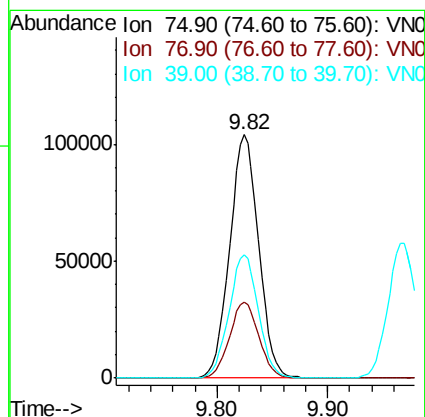
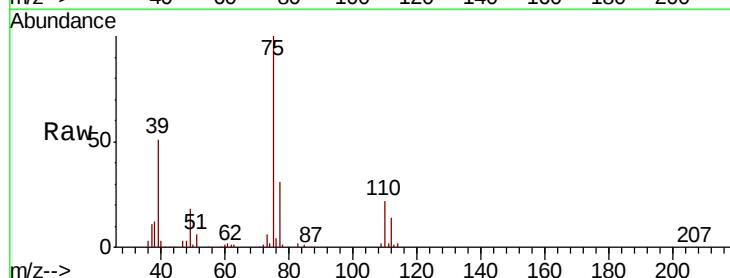
Tgt Ion: 75 Resp: 188798

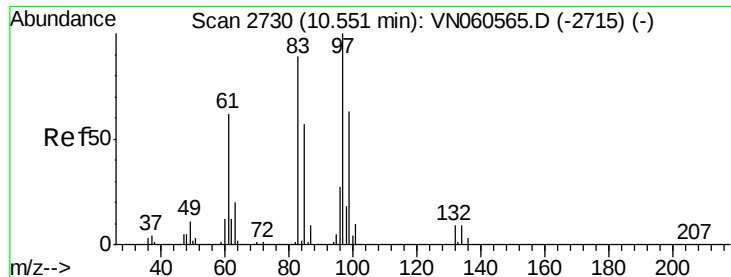
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 50.8 40.2 60.4

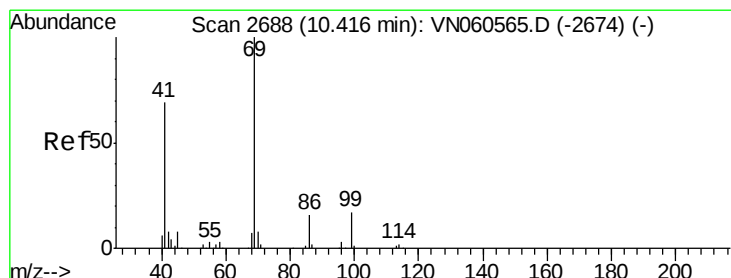
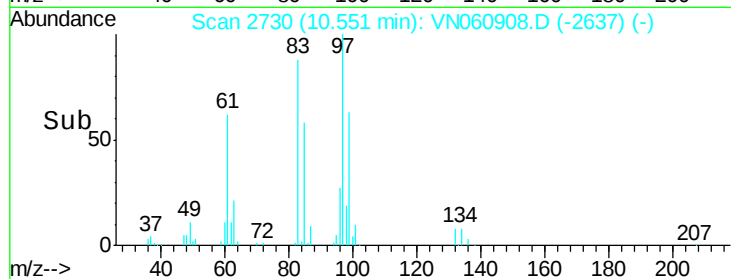
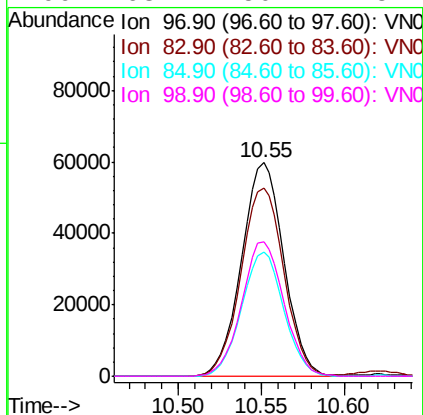
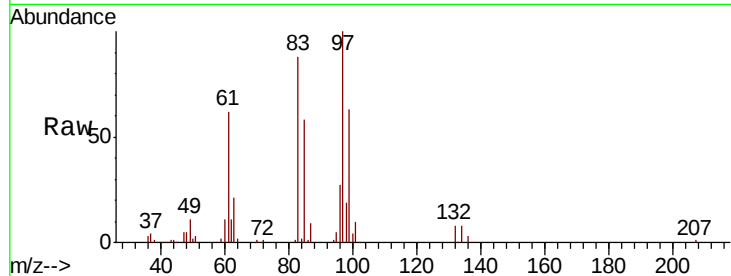




#55
 1,1,2-Trichloroethane
 Concen: 49.244 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

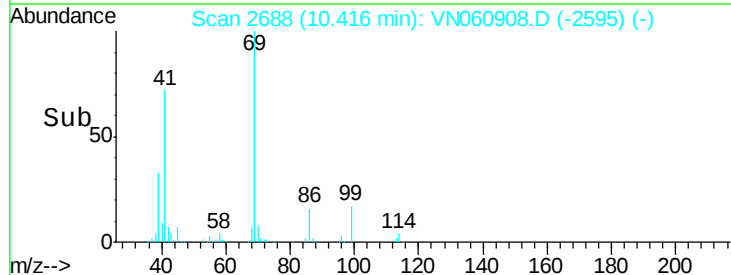
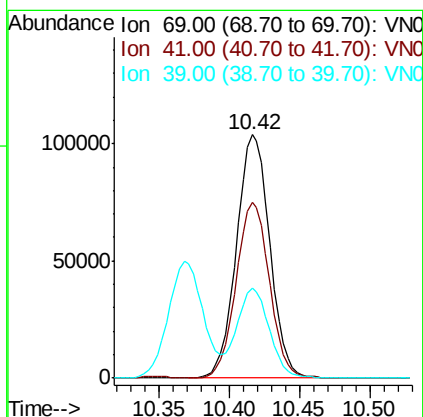
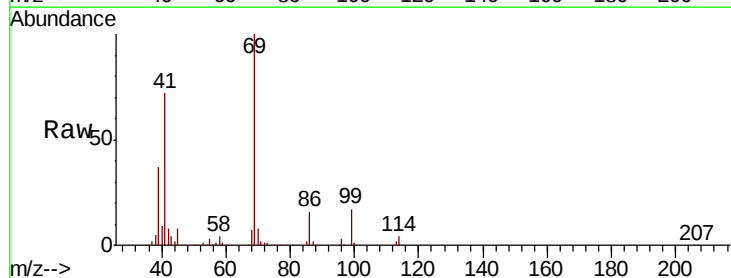
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	97	Resp	105954
Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.3	106.9
85	58.4	45.2	67.8
99	63.1	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 51.268 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	69	Resp	171996
Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.4	83.2
39	36.6	29.4	44.0





#57

1,3-Dichloropropane

Concen: 49.926 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

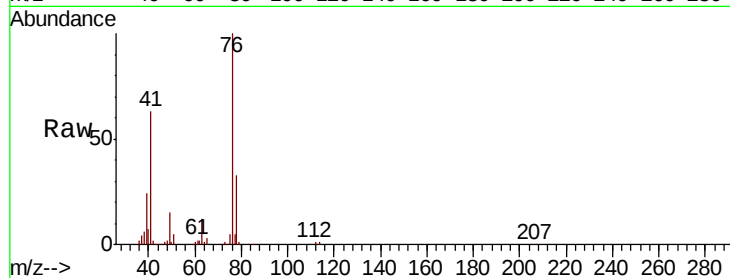
ClientSampled :

Tot Ion: 76 Resp: 186410

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060908.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060908.D (-2682) (-)

10.70

120000

100000

80000

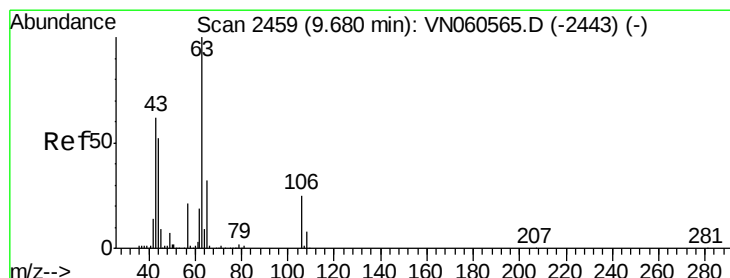
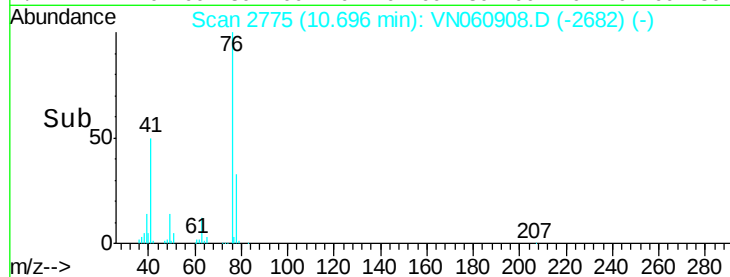
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 240.312 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060908.D

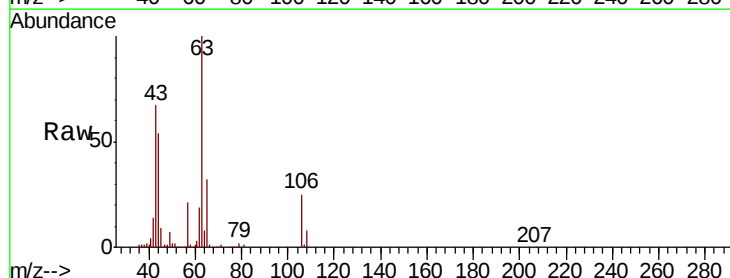
Acq: 8 Apr 2020 17:56

Tgt Ion: 63 Resp: 400696

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060908.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060908.D (-2366) (-)

9.68

250000

200000

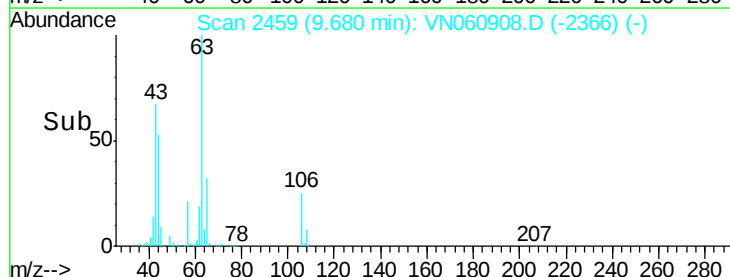
150000

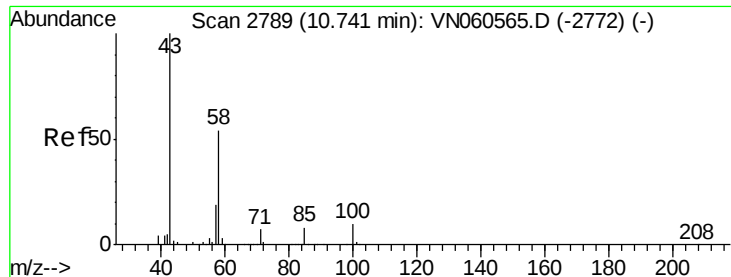
100000

50000

0

Time--> 9.60 9.70 9.80

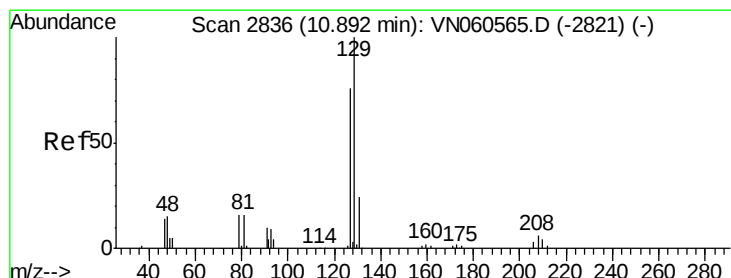
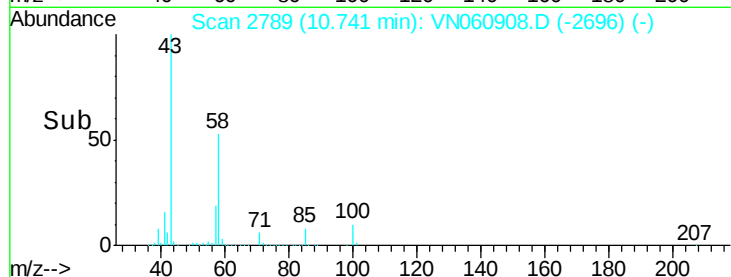
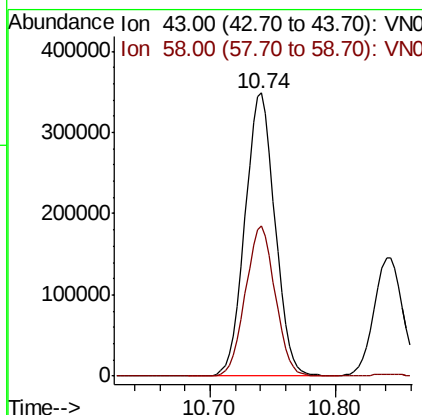
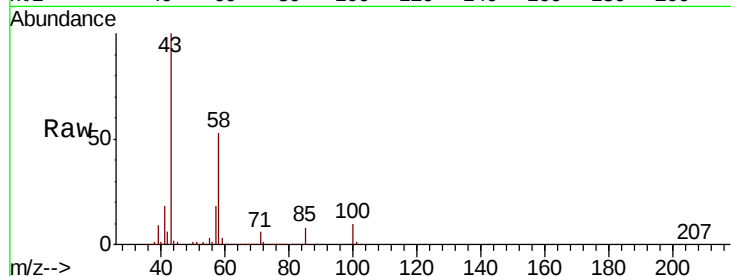




#59
2-Hexanone
Concen: 258.084 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

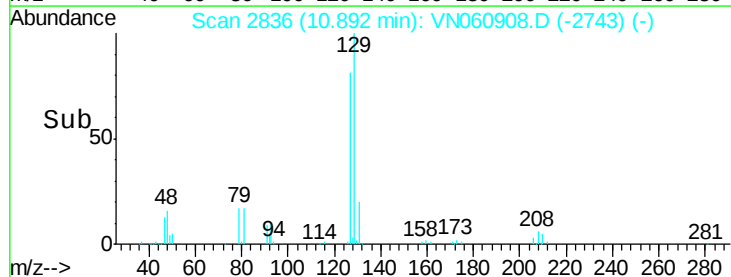
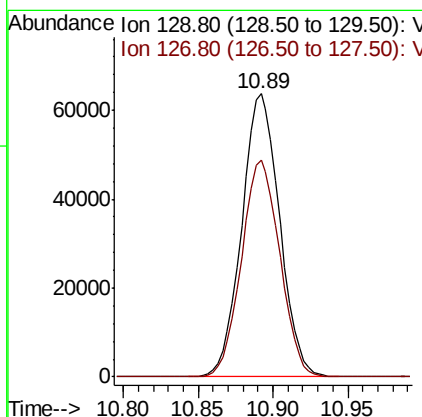
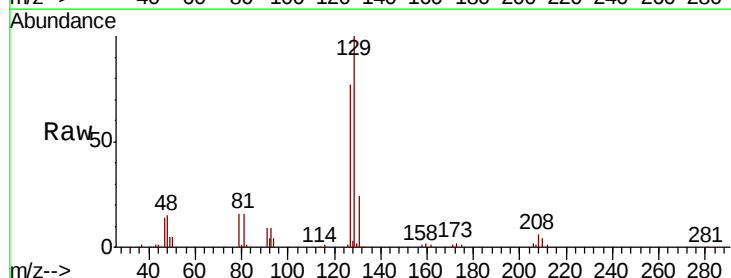
Instrument :
MSVOA_N
ClientSampled :

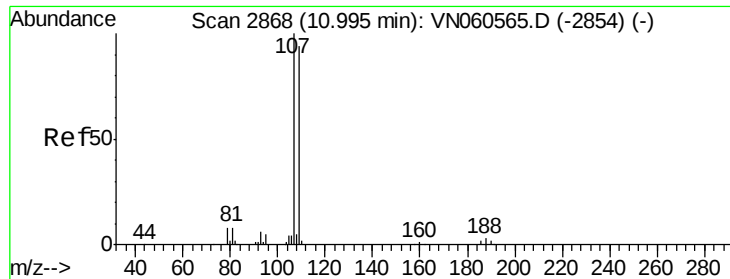
Tot Ion: 43 Resp: 578317
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1



#60
Dibromochloromethane
Concen: 50.478 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 129 Resp: 112187
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

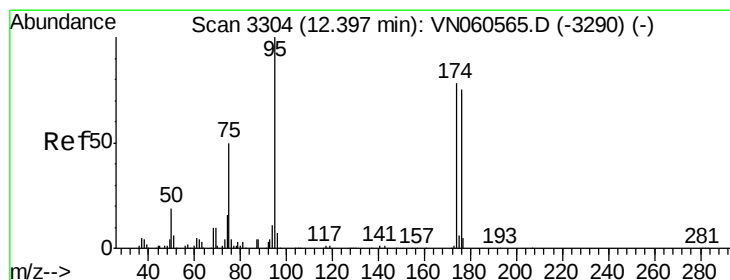
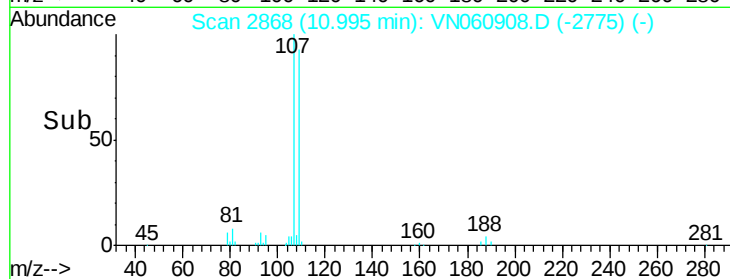
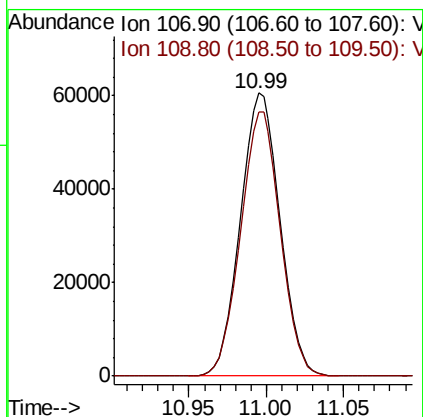
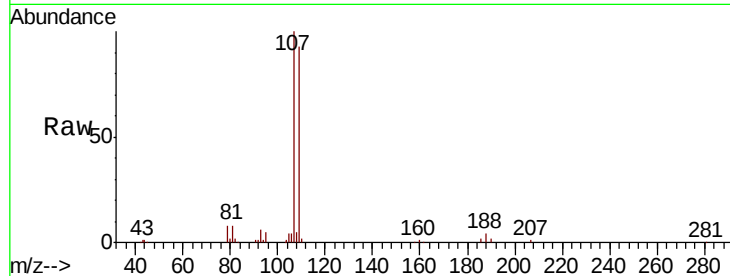




#61
 1,2-Dibromoethane
 Concen: 49.898 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

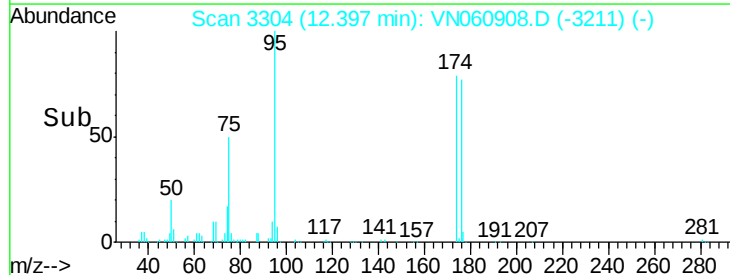
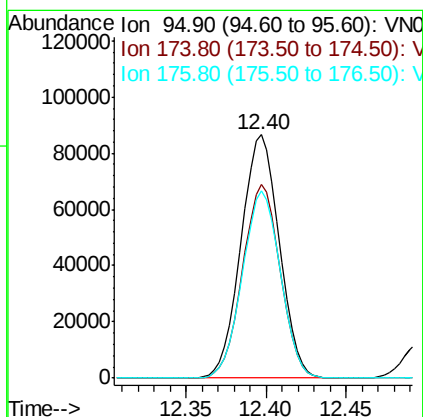
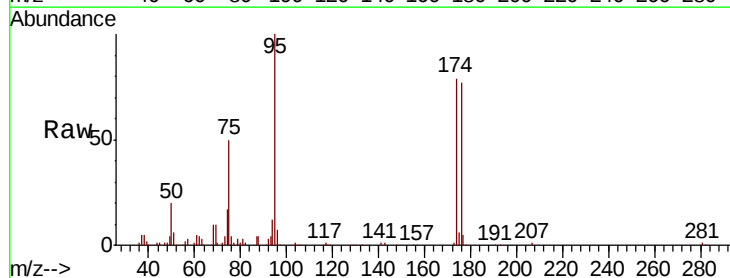
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 107958
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.446 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion: 95 Resp: 141791
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 157.6
 176 76.2 0.0 150.6

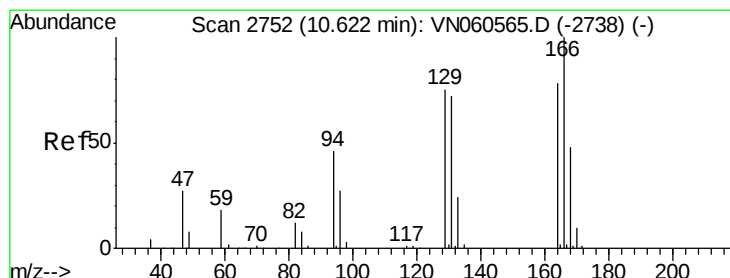
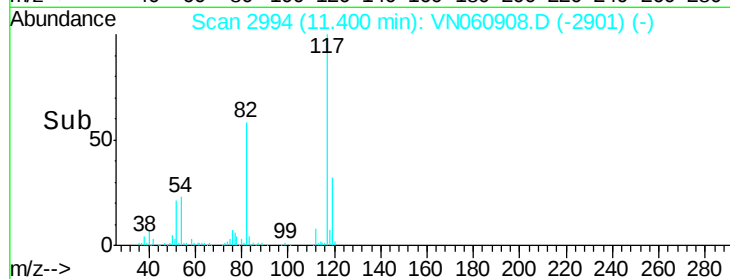
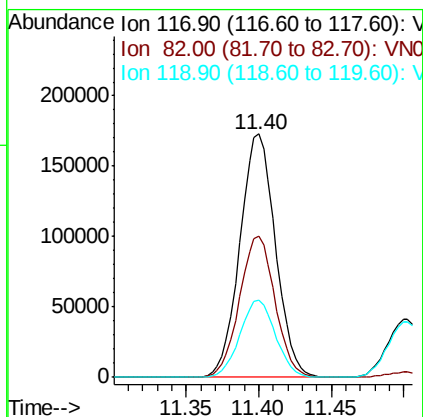
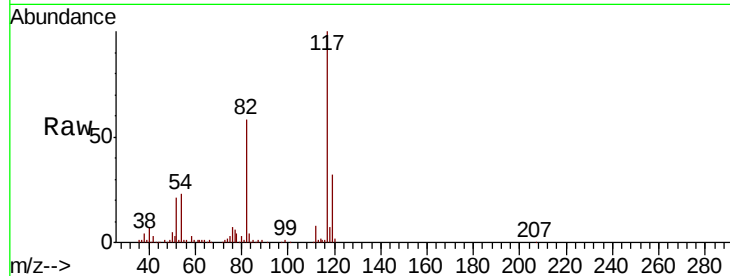




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

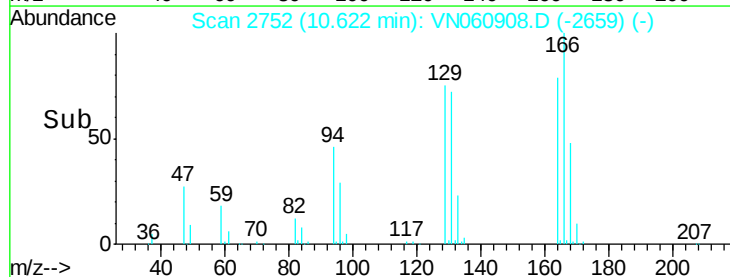
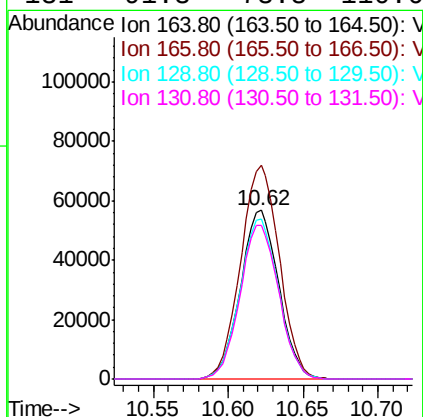
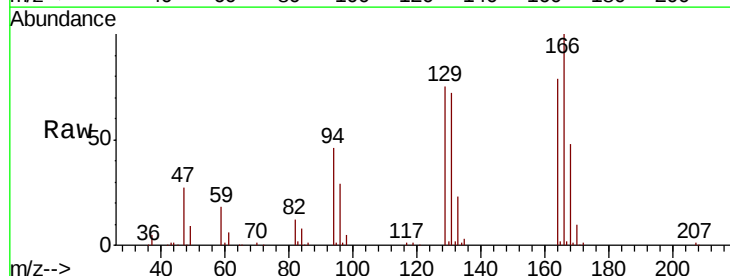
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 294849
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 43.564 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion:164 Resp: 101078
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 94.5 77.2 115.8
131 91.3 73.8 110.6

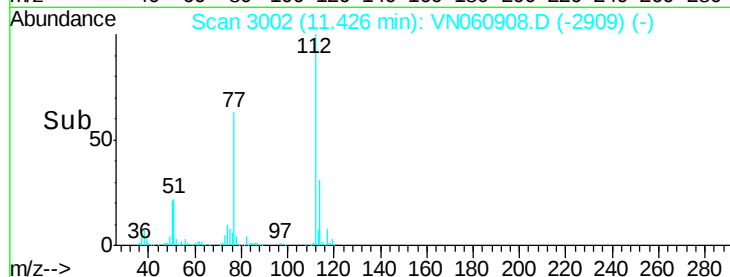
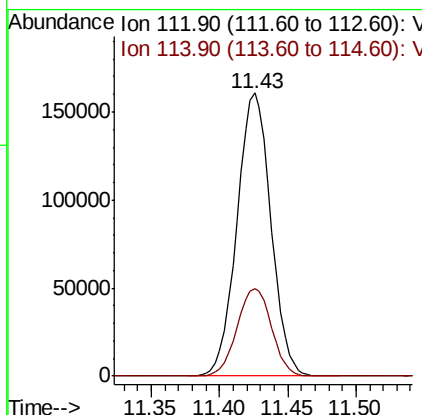
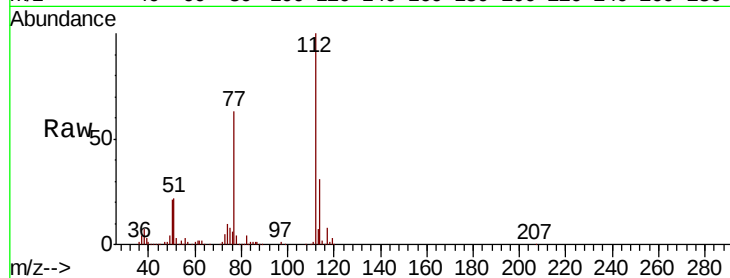




#65
Chlorobenzene
Concen: 47.439 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

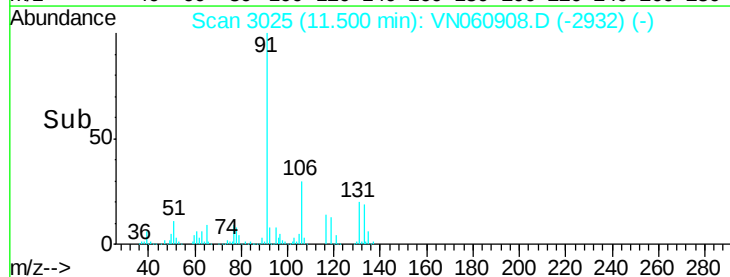
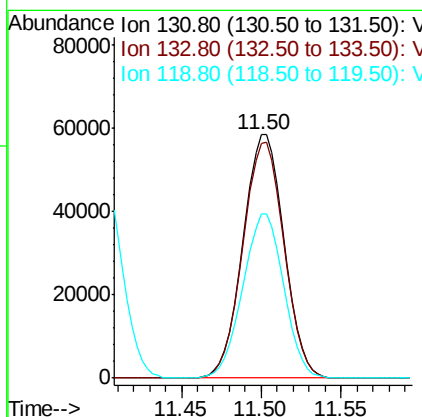
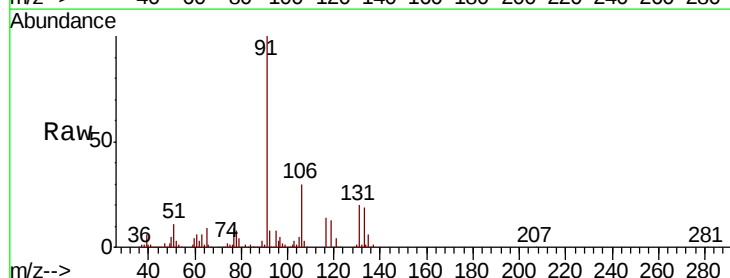
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 277286
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.445 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion:131 Resp: 102525
Ion Ratio Lower Upper
131 100
133 97.0 48.9 146.8
119 67.0 33.9 101.7

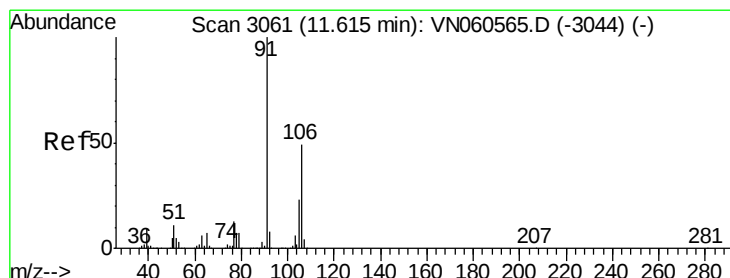
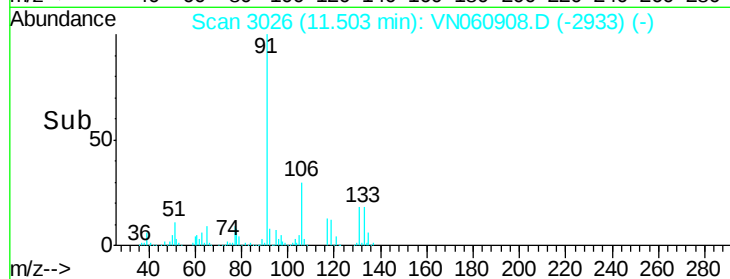
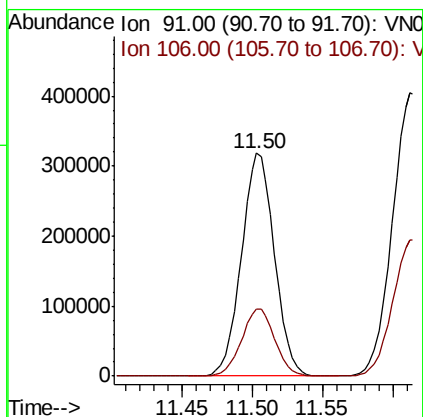
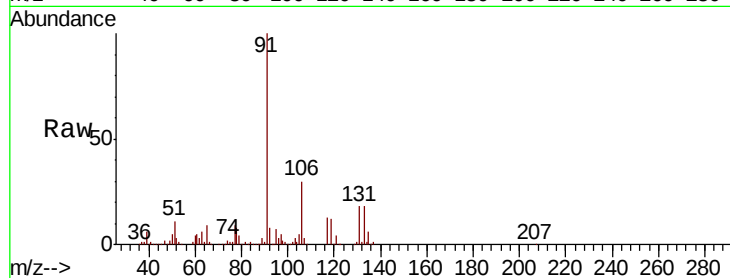




#67
Ethyl Benzene
Concen: 47.951 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

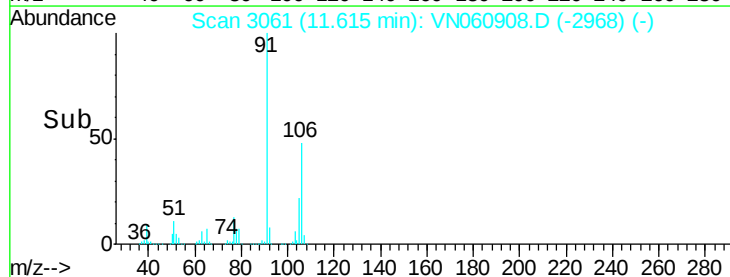
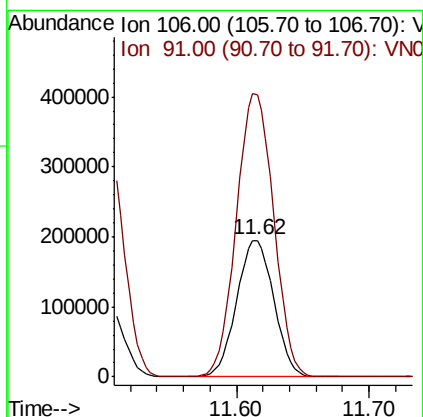
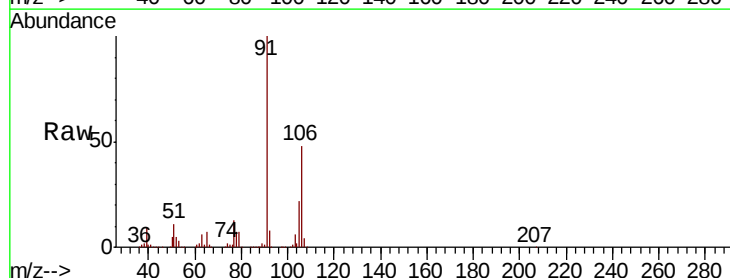
Instrument :
MSVOA_N
ClientSampled :

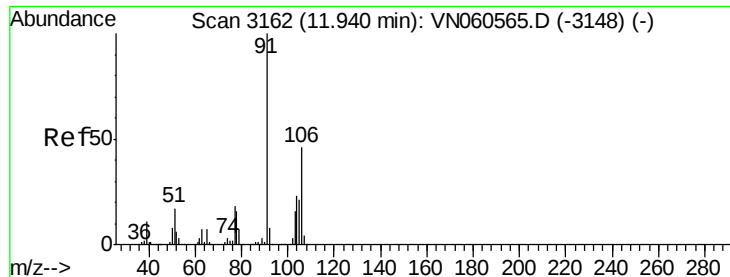
Tot Ion: 91 Resp: 521225
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2



#68
m/p-Xylenes
Concen: 93.687 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 106 Resp: 378430
Ion Ratio Lower Upper
106 100
91 208.8 165.0 247.4





#69

o-Xylene

Concen: 47.565 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

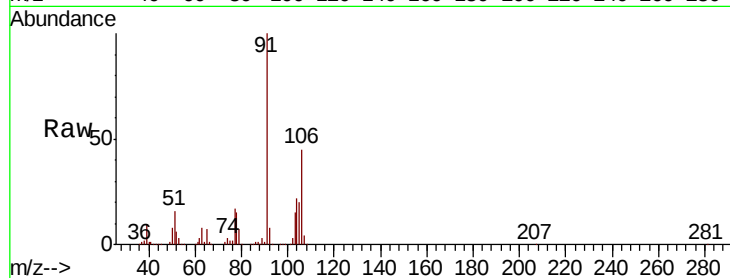
ClientSampled :

Tot Ion:106 Resp: 183410

Ion Ratio Lower Upper

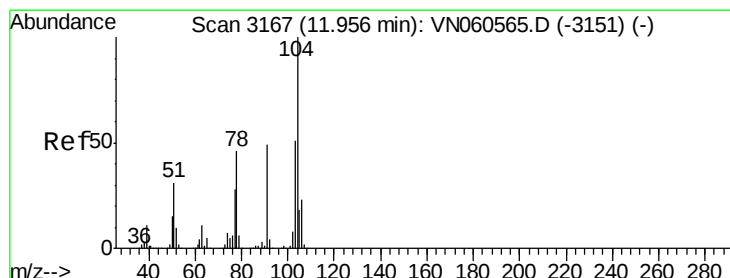
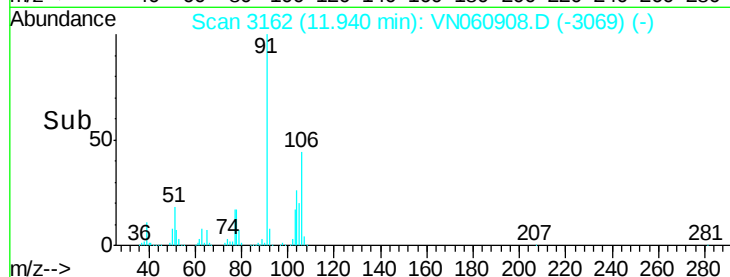
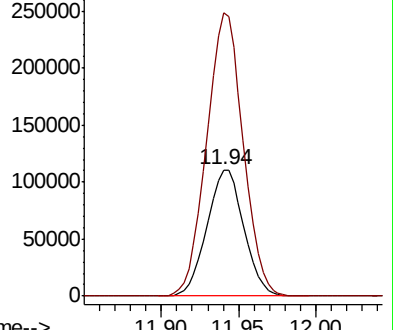
106 100

91 221.9 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 48.930 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

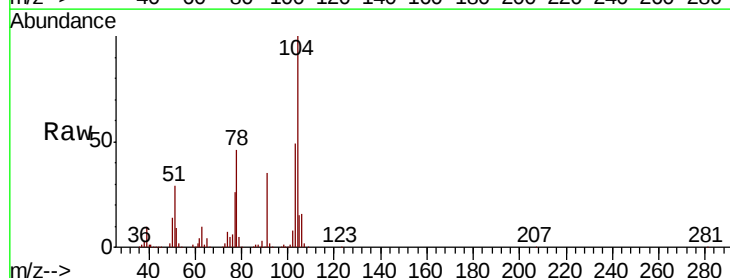
Tgt Ion:104 Resp: 308576

Ion Ratio Lower Upper

104 100

78 51.6 41.2 61.8

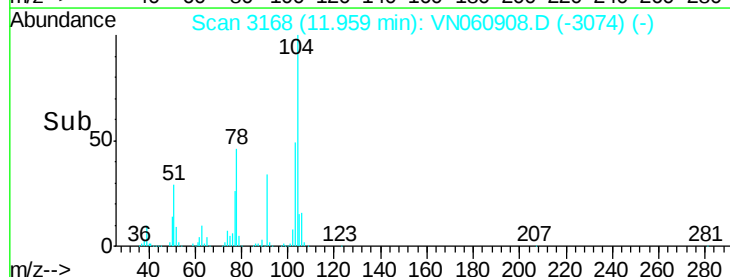
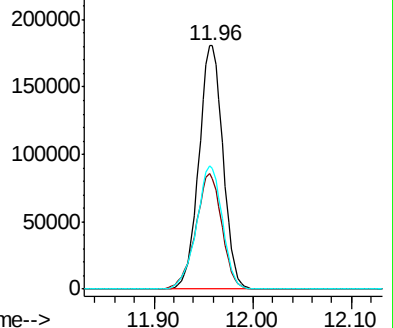
103 54.3 44.0 66.0

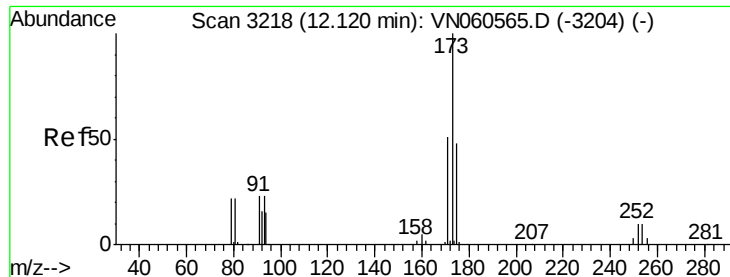


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

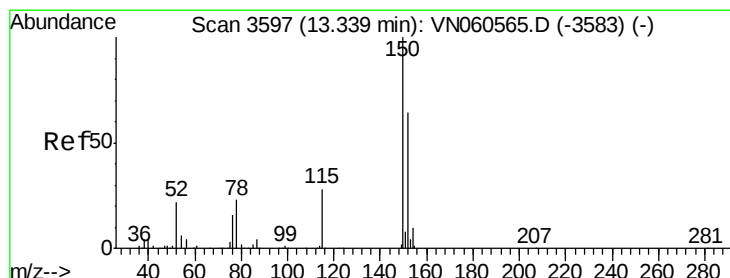
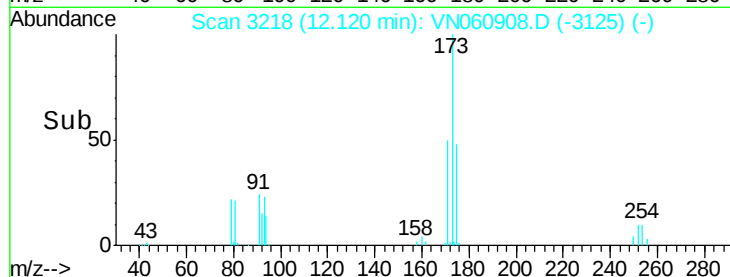
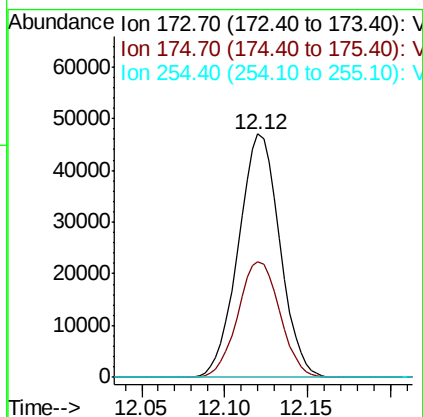
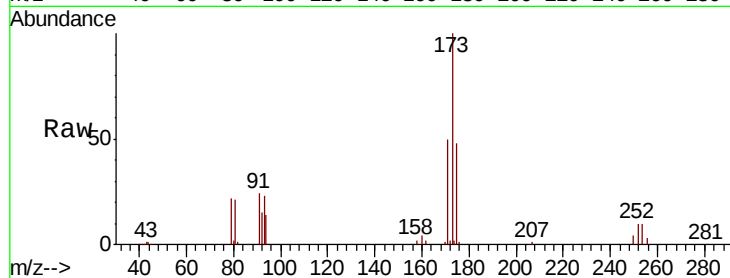




#71
Bromoform
Concen: 46.617 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

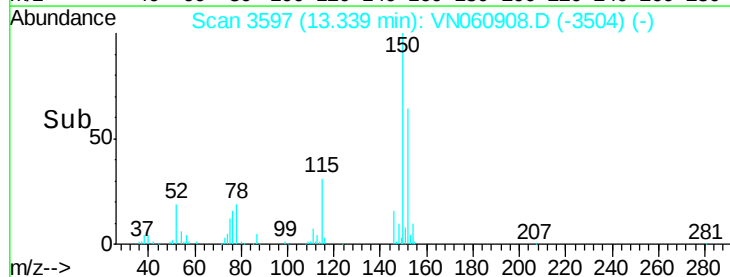
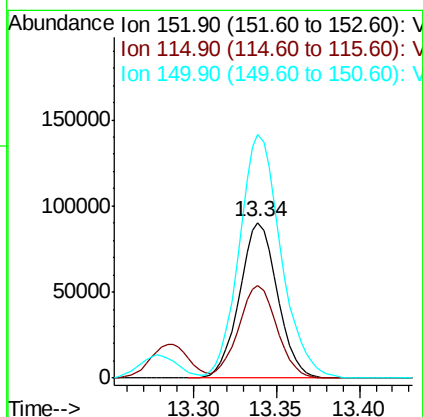
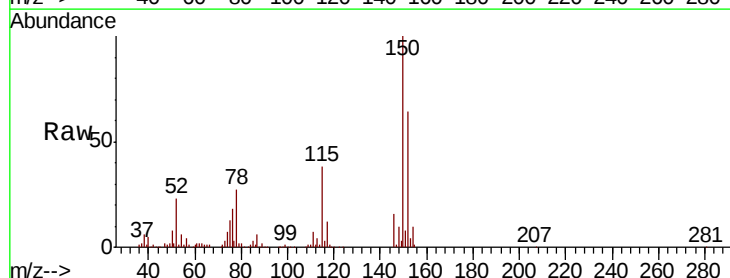
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 81789
Ion Ratio Lower Upper
173 100
175 48.2 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: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion:152 Resp: 142988
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 172.6 0.0 350.2





#73

Isopropylbenzene

Concen: 46.729 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

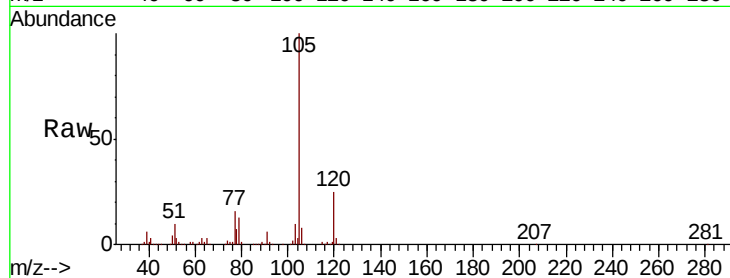
ClientSampleId :

Tot Ion: 105 Resp: 501430

Ion Ratio Lower Upper

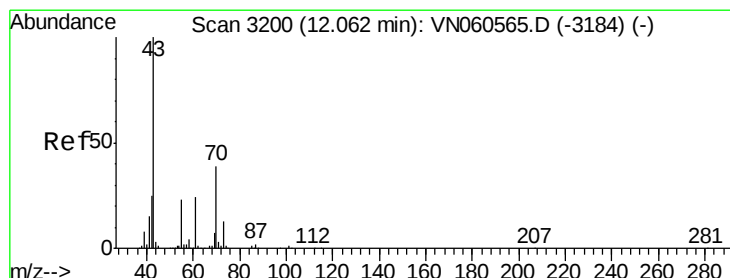
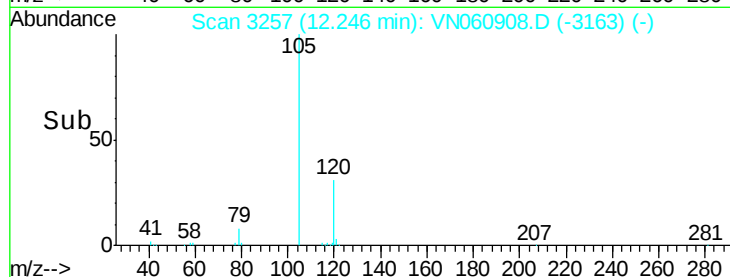
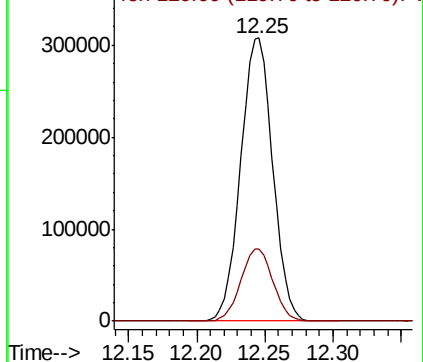
105 100

120 25.5 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-ethyl acetate

Concen: 47.164 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Tgt Ion: 43 Resp: 233862

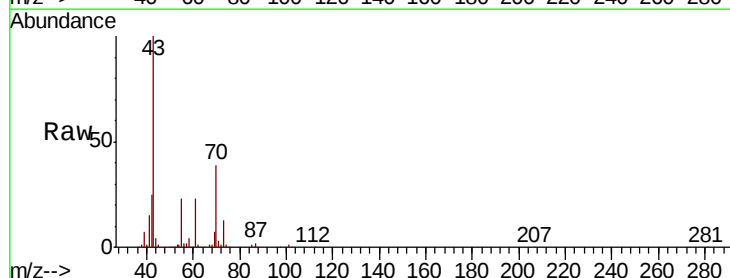
Ion Ratio Lower Upper

43 100

70 39.0 31.1 46.7

55 23.4 18.6 27.8

61 22.9 18.9 28.3

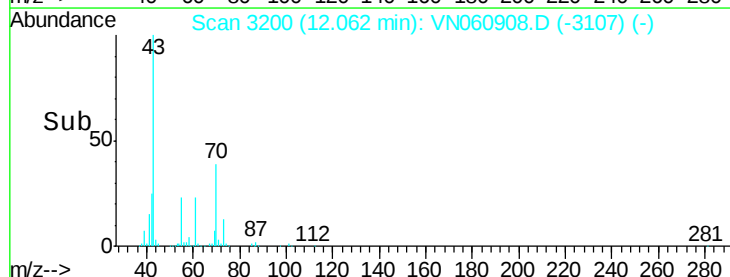
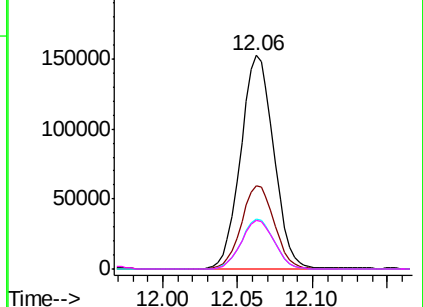


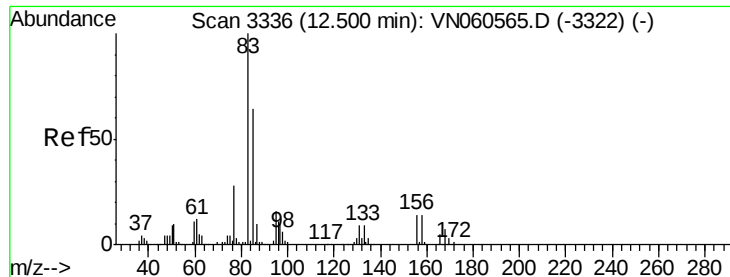
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.291 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

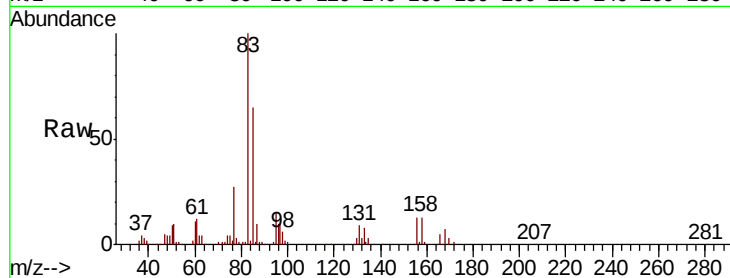
Tot Ion: 83 Resp: 156707

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	64.8	32.5	97.4

83 100

131 9.5 4.9 14.7

85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

120000

100000

80000

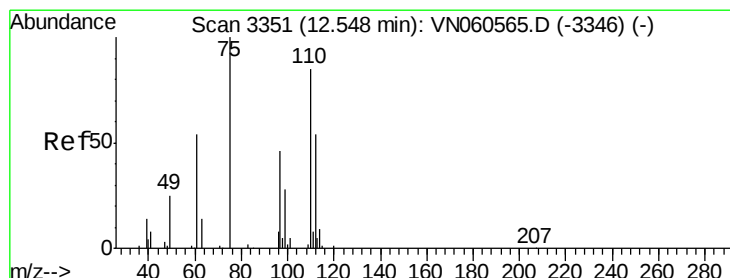
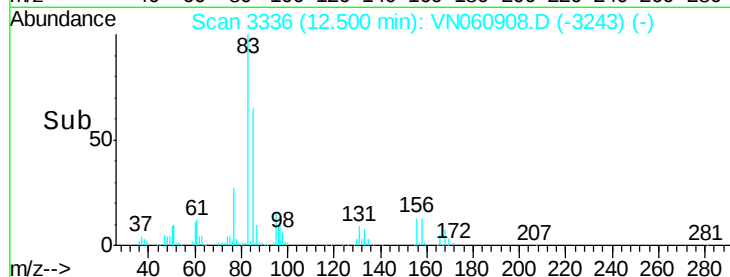
60000

40000

20000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 67.996 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060908.D

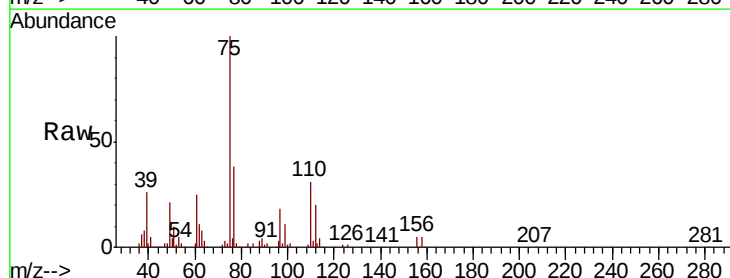
Acq: 8 Apr 2020 17:56

Tgt Ion: 75 Resp: 209795

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

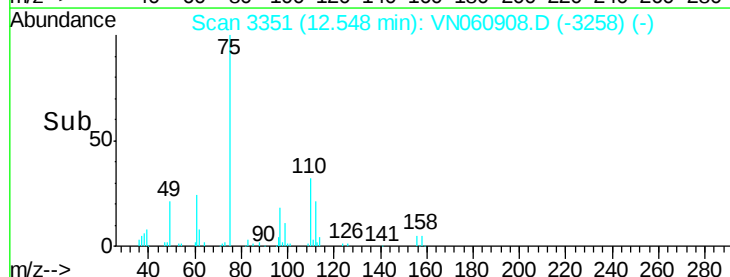
150000

100000

50000

0

Time-->





#77

Bromobenzene

Concen: 46.185 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

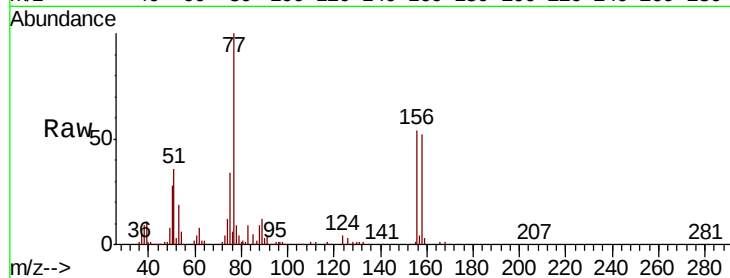
Tot Ion:156 Resp: 119422

Ion Ratio Lower Upper

156 100

77 224.0 112.3 337.0

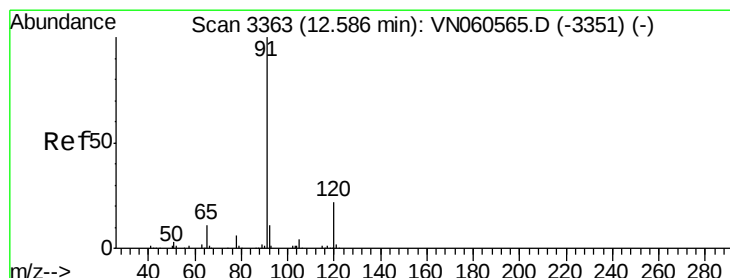
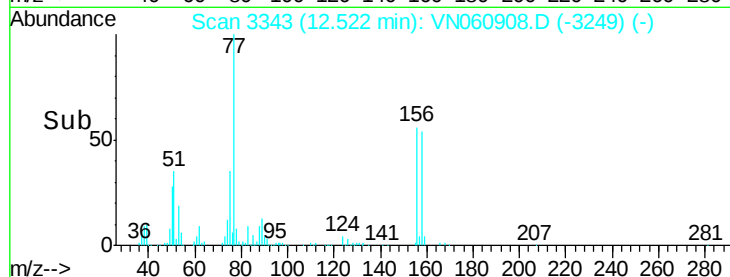
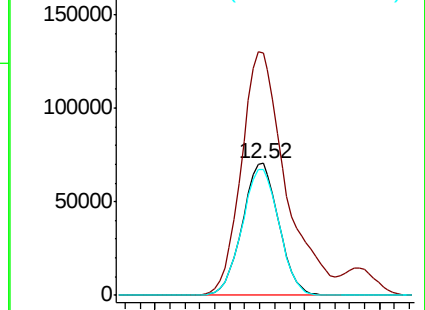
158 97.1 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.807 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060908.D

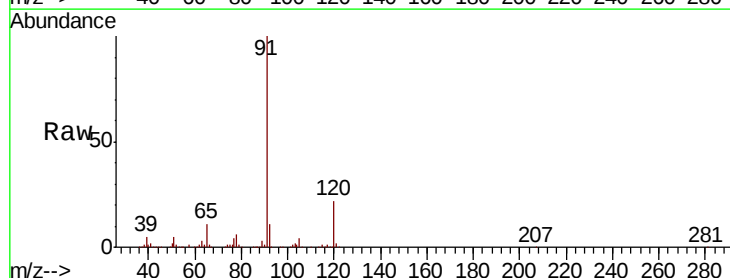
Acq: 8 Apr 2020 17:56

Tgt Ion: 91 Resp: 593407

Ion Ratio Lower Upper

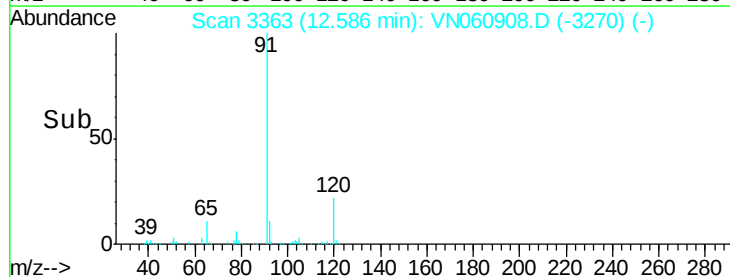
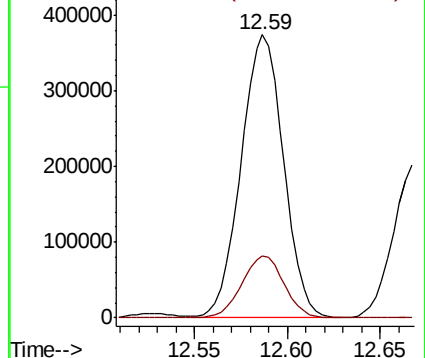
91 100

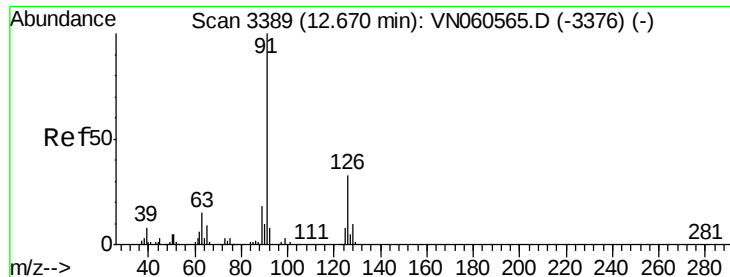
120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.629 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

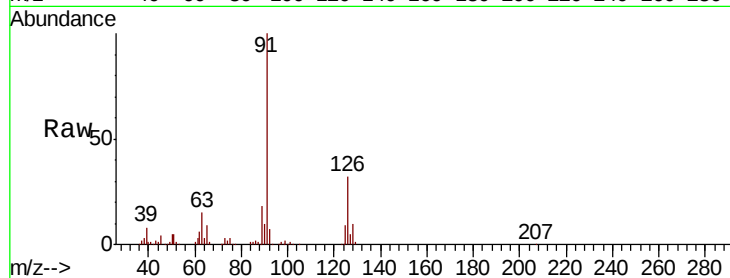
ClientSampled :

Tot Ion: 91 Resp: 345630

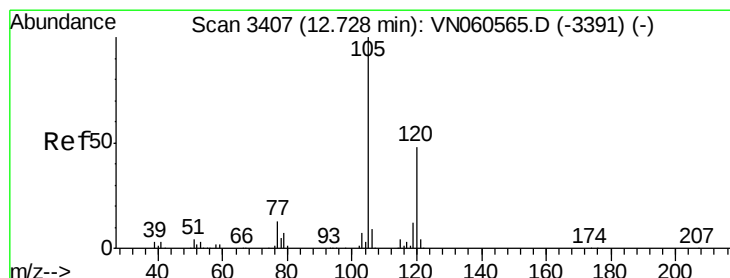
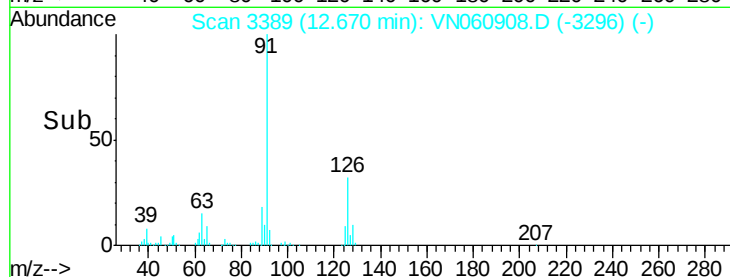
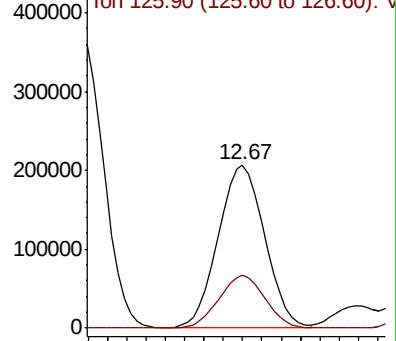
Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060908.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.275 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060908.D

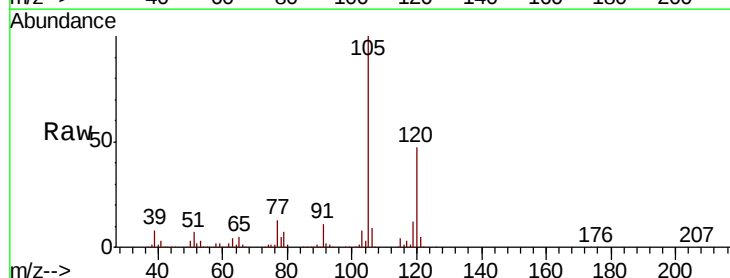
Acq: 8 Apr 2020 17:56

Tgt Ion:105 Resp: 421399

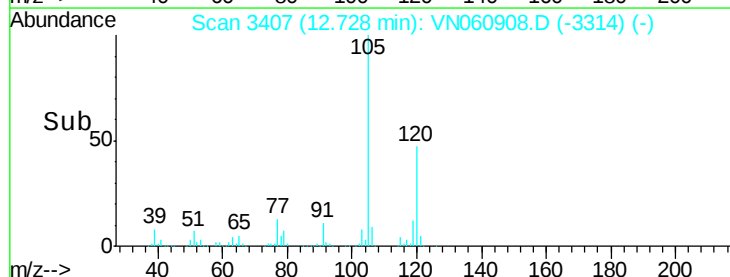
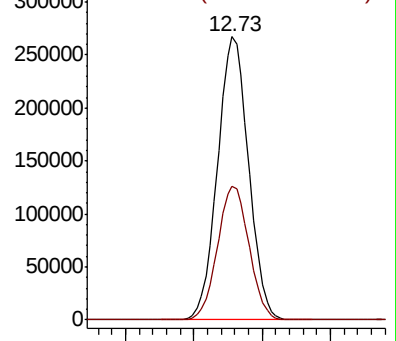
Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060908.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.962 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

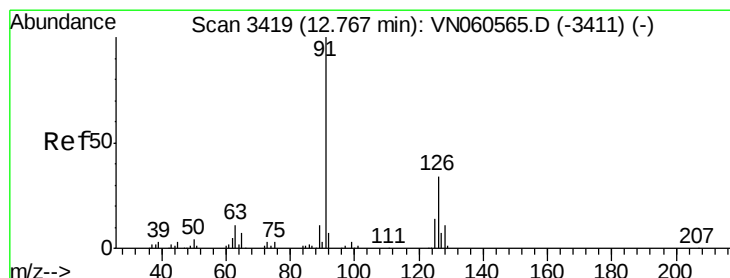
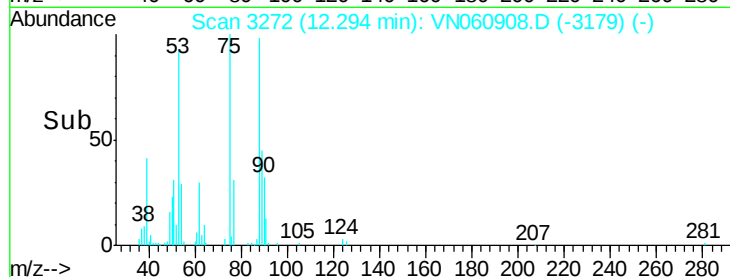
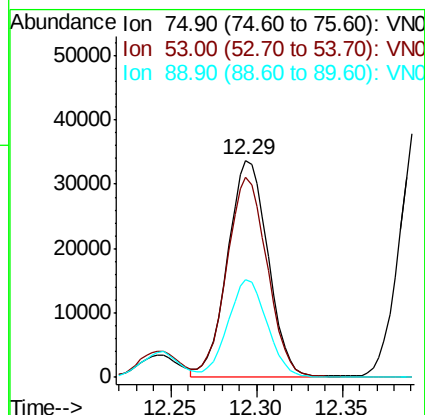
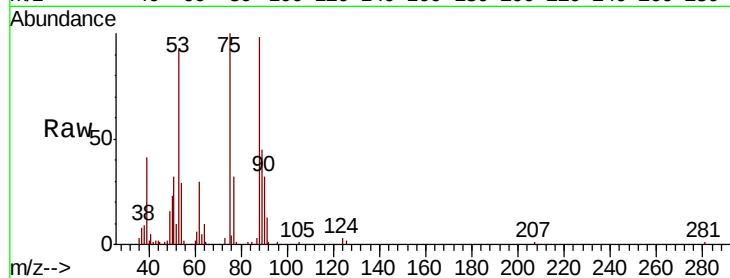
Tot Ion: 75 Resp: 55216

Ion Ratio Lower Upper

75 100

53 92.3 73.0 109.4

89 43.7 34.8 52.2



#82

4-Chlorotoluene

Concen: 46.047 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060908.D

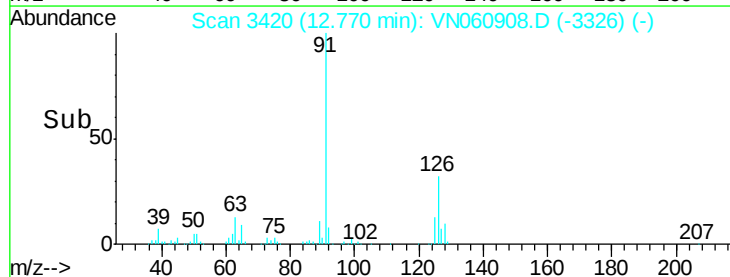
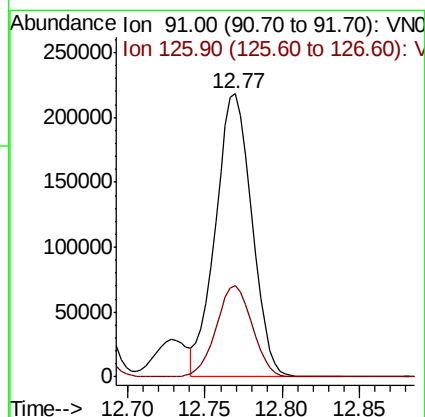
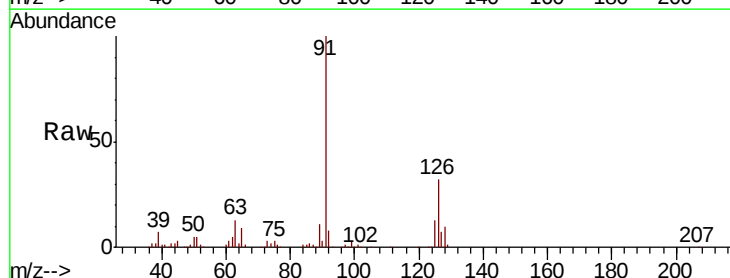
Acq: 8 Apr 2020 17:56

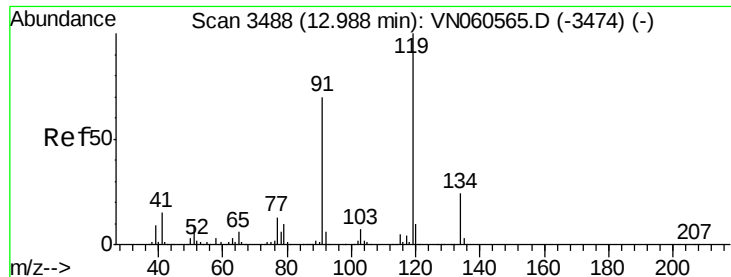
Tgt Ion: 91 Resp: 355248

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.5

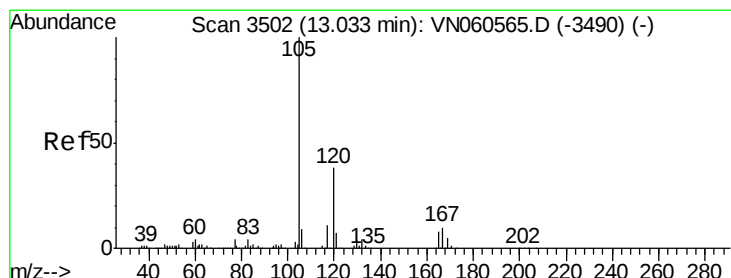
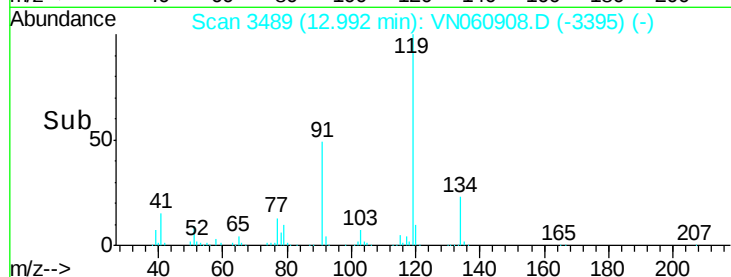
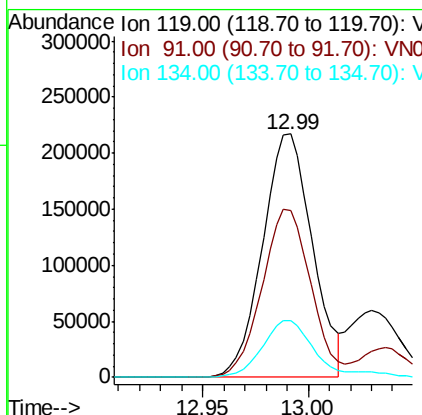
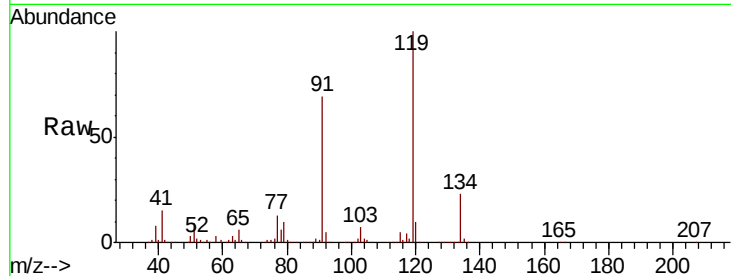




#83
 tert-Butylbenzene
 Concen: 47.353 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

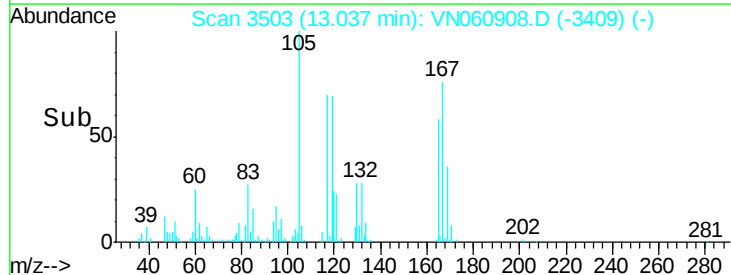
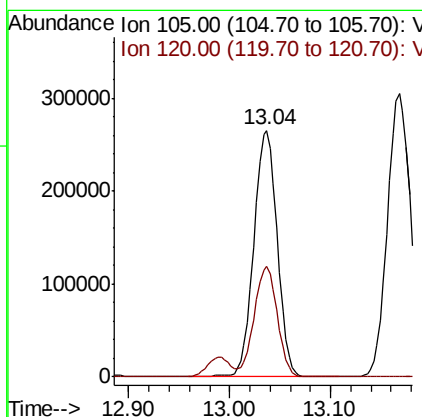
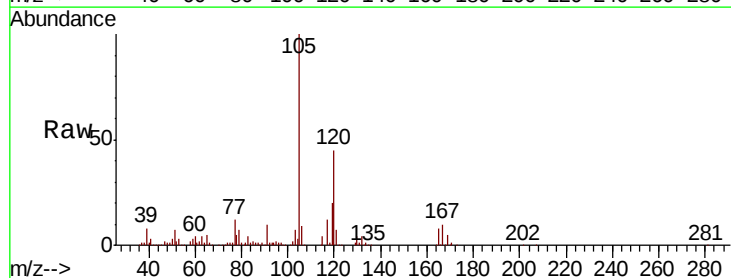
Instrument :
 MSVOA_N
 ClientSampleId :

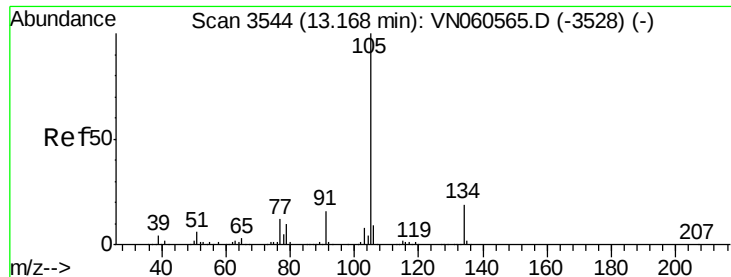
Tot Ion:119 Resp: 357463
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.0 101.8
 134 24.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.131 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion:105 Resp: 424598
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 48.118 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

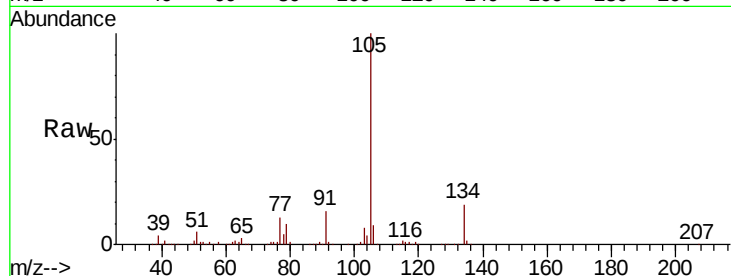
ClientSampled :

Tot Ion:105 Resp: 488448

Ion Ratio Lower Upper

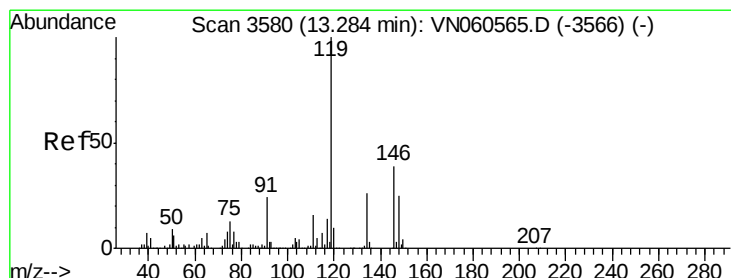
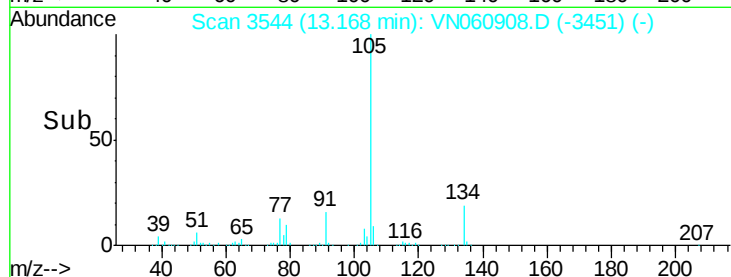
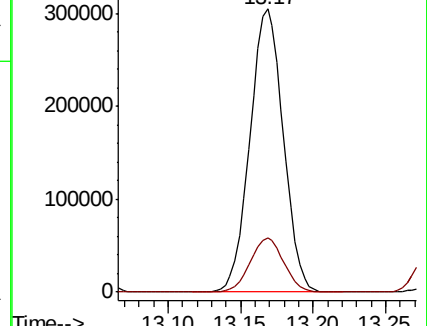
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.597 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

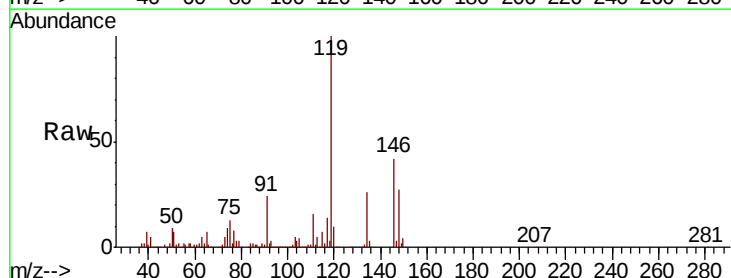
Tgt Ion:119 Resp: 434470

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

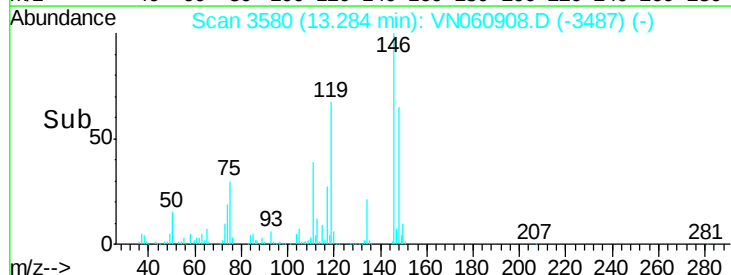
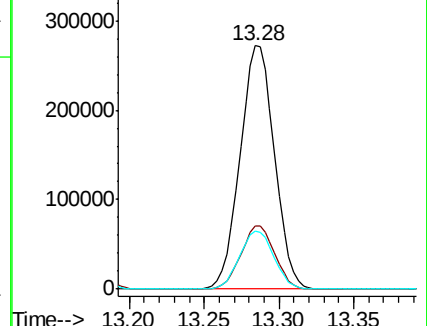
91 24.1 12.0 36.0

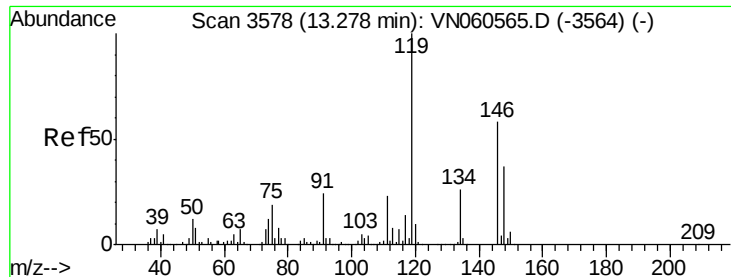


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

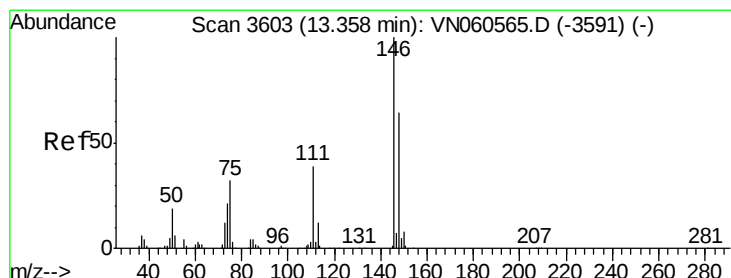
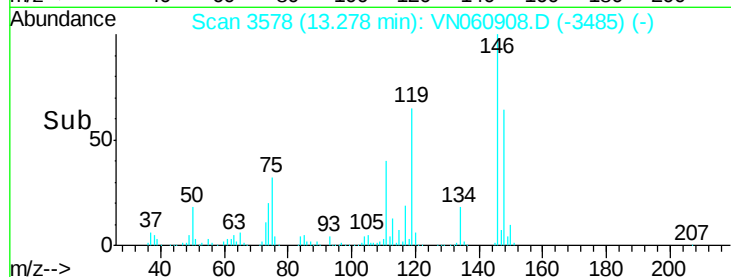
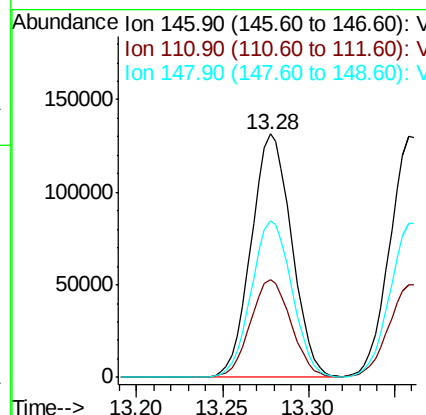
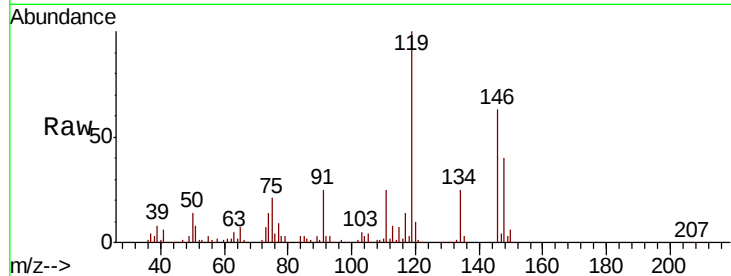




#87
 1,3-Dichlorobenzene
 Concen: 47.110 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

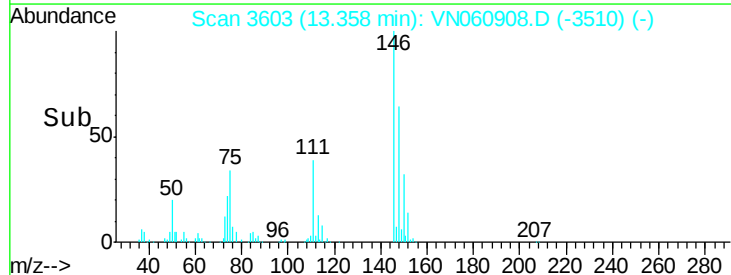
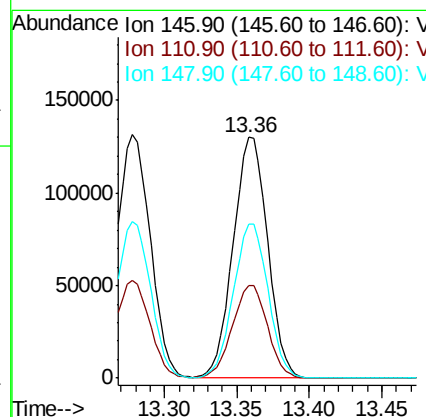
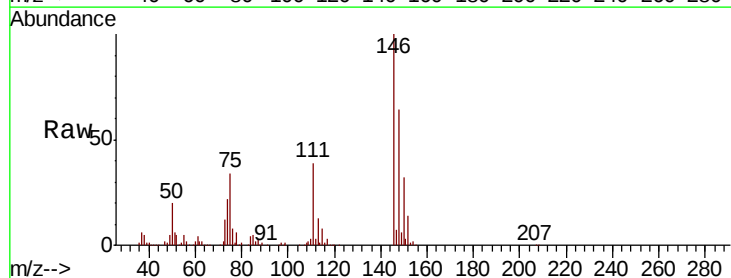
Instrument :
 MSVOA_N
 ClientSampleId :

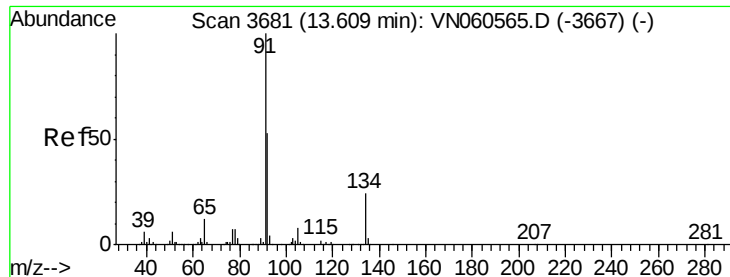
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	64.6	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 47.031 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.7
148	64.2	32.1	96.3





#89

n-Butylbenzene

Concen: 49.697 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

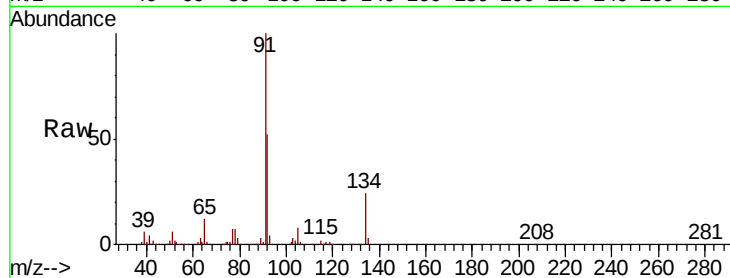
Tot Ion: 91 Resp: 409564

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

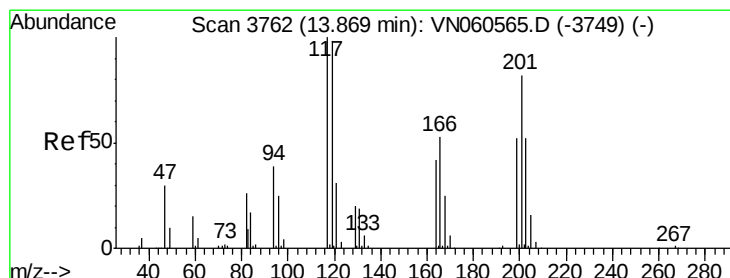
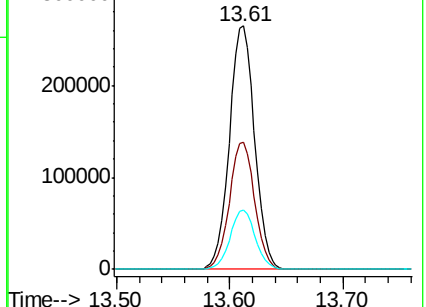
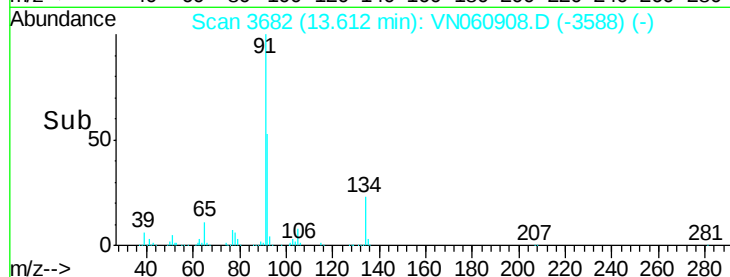
134 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060908.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060908.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060908.D (-3667) (-)



#90

Hexachloroethane

Concen: 52.214 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060908.D

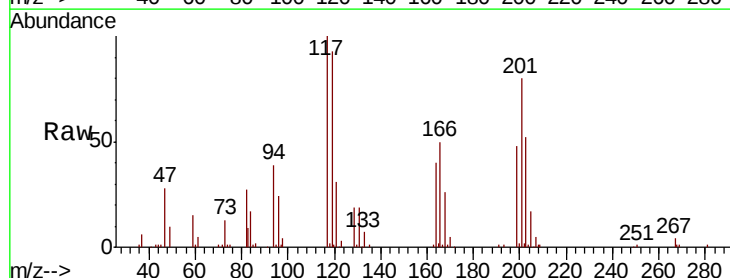
Acq: 8 Apr 2020 17:56

Tgt Ion: 117 Resp: 69279

Ion Ratio Lower Upper

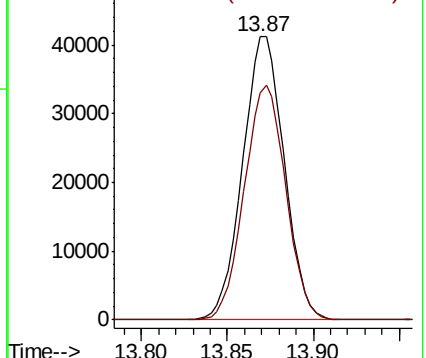
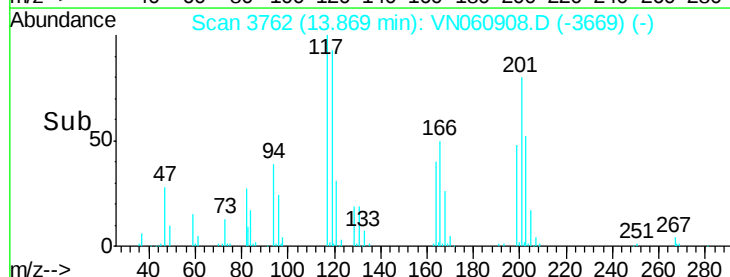
117 100

201 82.5 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060908.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060908.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 47.798 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

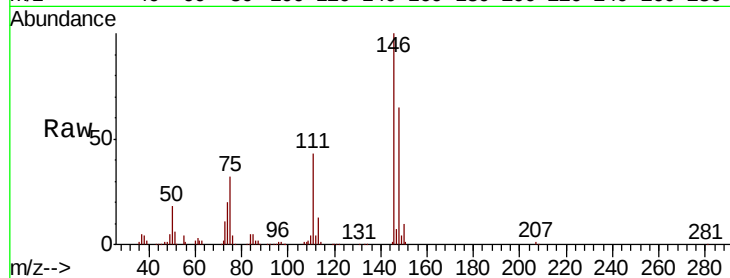
Tot Ion:146 Resp: 208434

Ion Ratio Lower Upper

146 100

111 42.2 21.0 63.0

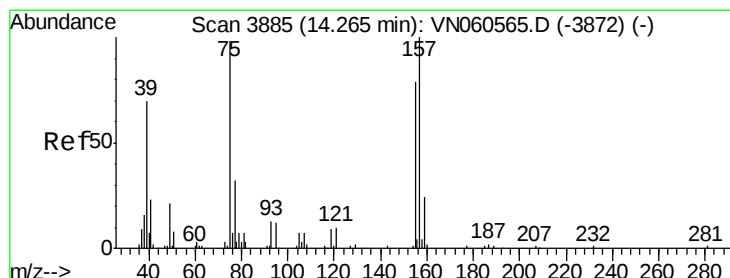
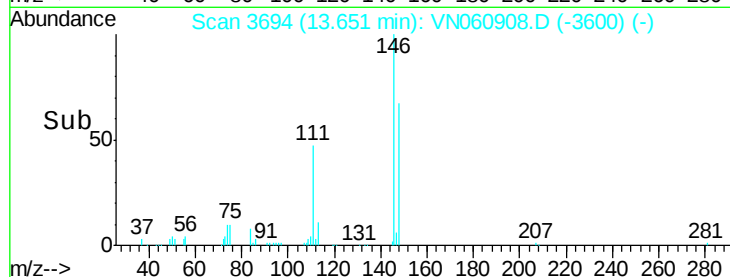
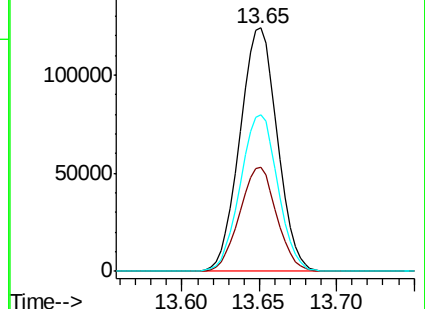
148 64.5 31.9 95.5



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: 45.779 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

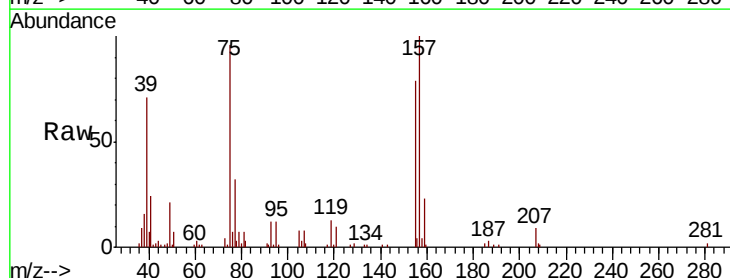
Tgt Ion: 75 Resp: 31131

Ion Ratio Lower Upper

75 100

155 81.6 40.7 122.1

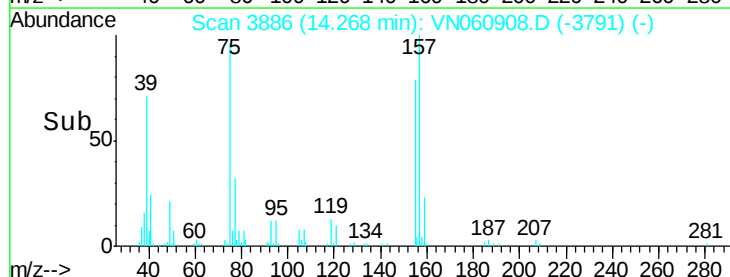
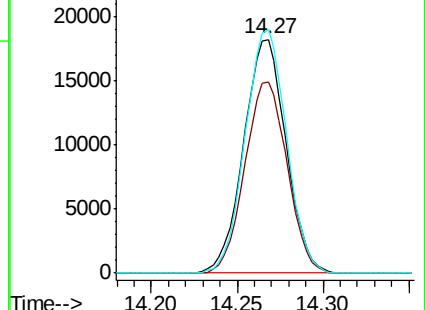
157 101.5 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

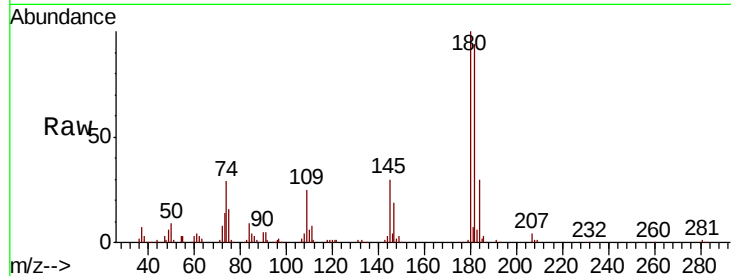




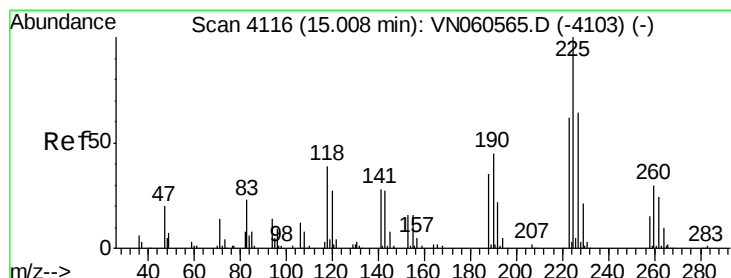
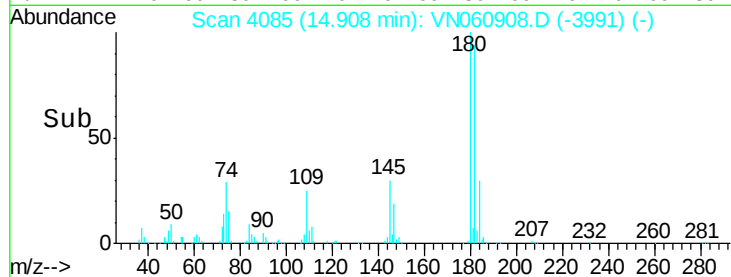
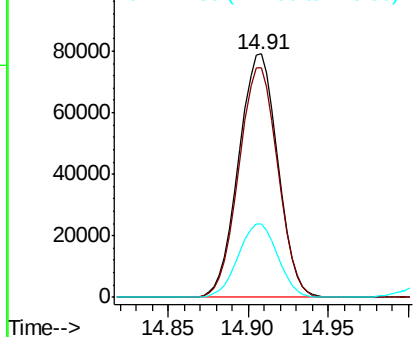
#93
 1,2,4-Trichlorobenzene
 Concen: 49.259 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 131908
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.8
 145 30.5 15.4 46.2

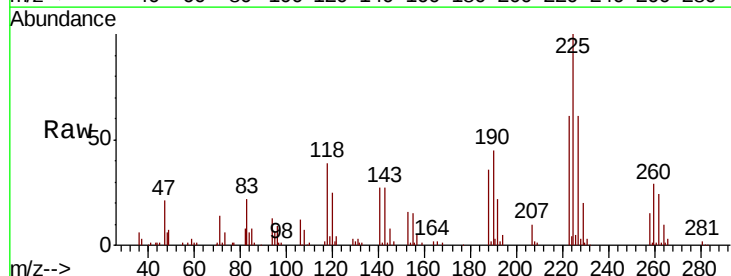


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

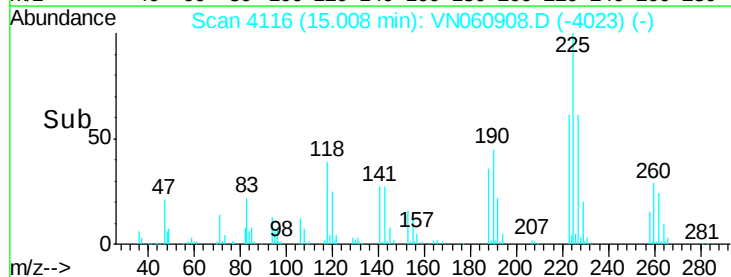
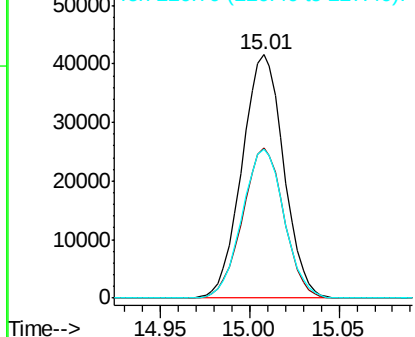


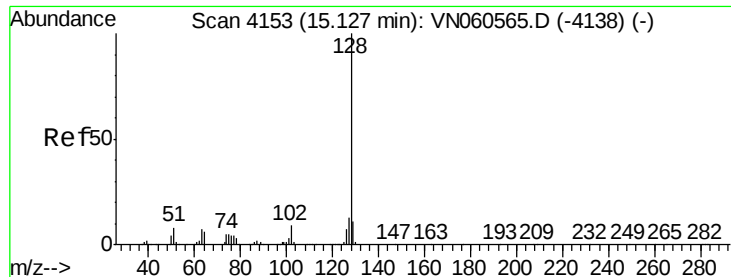
#94
 Hexachlorobutadiene
 Concen: 51.649 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion:225 Resp: 67802
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.6 95.0
 227 61.9 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

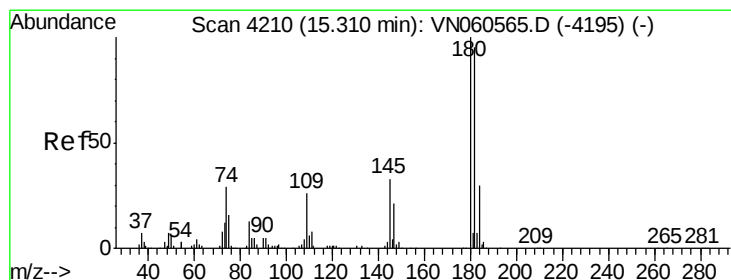
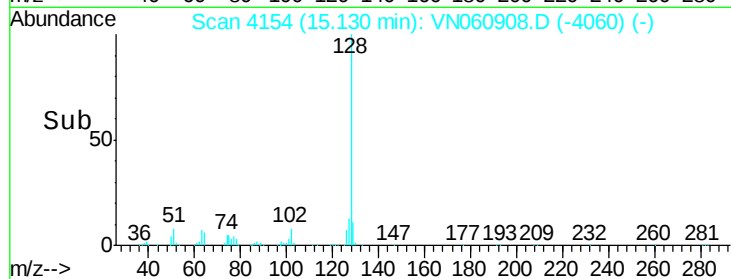
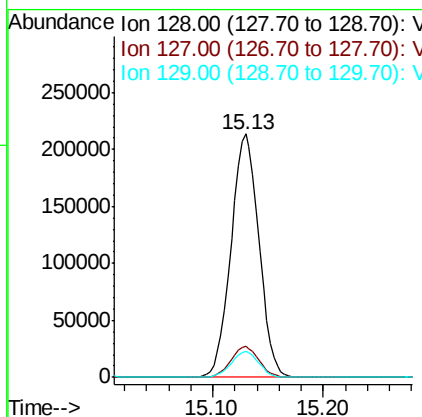
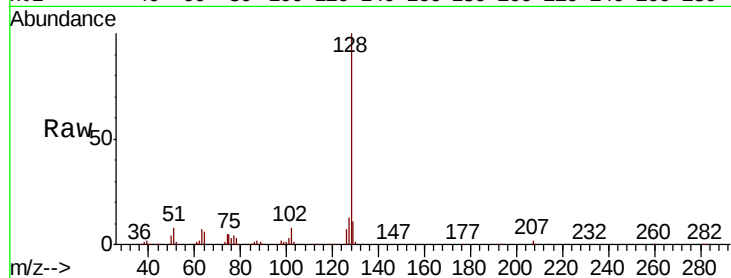




#95
Naphthalene
Concen: 46.405 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 373765
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.037 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion:180 Resp: 124066
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.6
145 32.3 16.3 48.8

