

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060842.D
 Acq On : 6 Apr 2020 11:38
 Operator : JC/MD
 Sample : VN0406WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

Quant Time: Apr 07 07:01:46 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	204111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	334933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142025	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	135503	48.36	ug/l	0.00
Spiked Amount						
			Recovery	=	96.72%	
35) Dibromofluoromethane	7.56	113	103108	50.91	ug/l	0.00
Spiked Amount						
			Recovery	=	101.82%	
50) Toluene-d8	10.08	98	403311	48.75	ug/l	0.00
Spiked Amount						
			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.40	95	147307	48.59	ug/l	0.00
Spiked Amount						
			Recovery	=	97.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	33791	17.110	ug/l	99
3) Chloromethane	2.04	50	60051	16.280	ug/l	100
4) Vinyl Chloride	2.17	62	48321	16.749	ug/l	100
5) Bromomethane	2.55	94	24438	19.622	ug/l	99
6) Chloroethane	2.69	64	29651	17.841	ug/l	96
7) Trichlorofluoromethane	3.00	101	64002	18.009	ug/l	97
8) Diethyl Ether	3.38	74	27700	19.402	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	39886	19.369	ug/l	99
10) Methyl Iodide	3.93	142	33782	18.436	ug/l	98
11) Tert butyl alcohol	4.72	59	39783	96.541	ug/l	98
12) 1,1-Dichloroethene	3.71	96	38897	17.601	ug/l	98
13) Acrolein	3.57	56	32034	70.141	ug/l	98
14) Allyl chloride	4.29	41	73899	19.013	ug/l	94
15) Acrylonitrile	4.94	53	116978	96.535	ug/l	99
16) Acetone	3.78	43	115456	116.326	ug/l	98
17) Carbon Disulfide	4.03	76	111627	16.609	ug/l	100
18) Methyl Acetate	4.28	43	57115	20.444	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	142026	18.693	ug/l	97
20) Methylene Chloride	4.52	84	44849	18.369	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	42938	18.231	ug/l	96
22) Diisopropyl ether	5.91	45	162231	19.757	ug/l	98
23) Vinyl Acetate	5.86	43	652441	97.382	ug/l	100
24) 1,1-Dichloroethane	5.81	63	85197	19.032	ug/l	99
25) 2-Butanone	6.80	43	162491	101.173	ug/l	100
26) 2,2-Dichloropropane	6.79	77	72922	20.705	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	50470	18.857	ug/l	100
28) Bromochloromethane	7.17	49	42585	19.883	ug/l	100
29) Tetrahydrofuran	7.18	42	105539	92.875	ug/l	99
30) Chloroform	7.35	83	82126	19.137	ug/l	98
31) Cyclohexane	7.63	56	81487	18.056	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	69065	18.669	ug/l	98
36) 1,1-Dichloropropene	7.77	75	61666	19.014	ug/l	99
37) Ethyl Acetate	6.89	43	67205	19.178	ug/l	99
38) Carbon Tetrachloride	7.75	117	54518	18.756	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	75321	19.543	ug/l	99
40) Benzene	8.02	78	187246	19.125	ug/l	99
41) Methacrylonitrile	7.14	41	33295	22.263	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	65459	19.564	ug/l	99
43) Isopropyl Acetate	8.14	43	112993	19.551	ug/l	99
44) Trichloroethene	8.81	130	47531	19.259	ug/l	95
45) 1,2-Dichloropropane	9.10	63	51674	20.003	ug/l	97
46) Dibromomethane	9.19	93	30053	19.243	ug/l	99
47) Bromodichloromethane	9.38	83	63419	19.541	ug/l	98
48) Methyl methacrylate	9.18	41	48378	18.801	ug/l	99
49) 1,4-Dioxane	9.18	88	13937	455.687	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	323067	98.236	ug/l	99
52) Toluene	10.14	92	112673	19.056	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	74278	19.925	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	79790	19.510	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	44517	19.570	ug/l	98
56) Ethyl methacrylate	10.42	69	66968	18.881	ug/l	98
57) 1,3-Dichloropropane	10.70	76	76807	19.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	156960	89.040	ug/l	100
59) 2-Hexanone	10.74	43	231900	97.889	ug/l	100
60) Dibromochloromethane	10.89	129	44938	19.125	ug/l	99
61) 1,2-Dibromoethane	10.99	107	44232	19.338	ug/l	99
64) Tetrachloroethene	10.62	164	46119	19.294	ug/l	99
65) Chlorobenzene	11.42	112	114994	19.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42750	19.607	ug/l	98
67) Ethyl Benzene	11.50	91	216685	19.349	ug/l	100
68) m/p-Xylenes	11.61	106	158991	38.206	ug/l	100
69) o-Xylene	11.94	106	76431	19.240	ug/l	100
70) Styrene	11.96	104	118792	18.284	ug/l	97
71) Bromoform	12.12	173	30729	18.068	ug/l #	100
73) Isopropylbenzene	12.24	105	205647	19.294	ug/l	99
74) N-amyl acetate	12.06	43	91428	18.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	62436	19.371	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	83845	27.359	ug/l #	100
77) Bromobenzene	12.52	156	47992	18.686	ug/l	99
78) n-propylbenzene	12.59	91	242118	19.228	ug/l	99
79) 2-Chlorotoluene	12.67	91	141991	18.872	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	173632	19.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22139	18.554	ug/l	100
82) 4-Chlorotoluene	12.77	91	145258	18.956	ug/l	100
83) tert-Butylbenzene	12.99	119	145155	19.359	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	173298	19.367	ug/l	99
85) sec-Butylbenzene	13.17	105	199095	19.746	ug/l	100
86) p-Isopropyltoluene	13.28	119	178784	19.719	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	87539	19.325	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84960	18.668	ug/l	98
89) n-Butylbenzene	13.61	91	160724	19.634	ug/l	100
90) Hexachloroethane	13.87	117	26365	20.005	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	84474	19.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11867	17.403	ug/l	97

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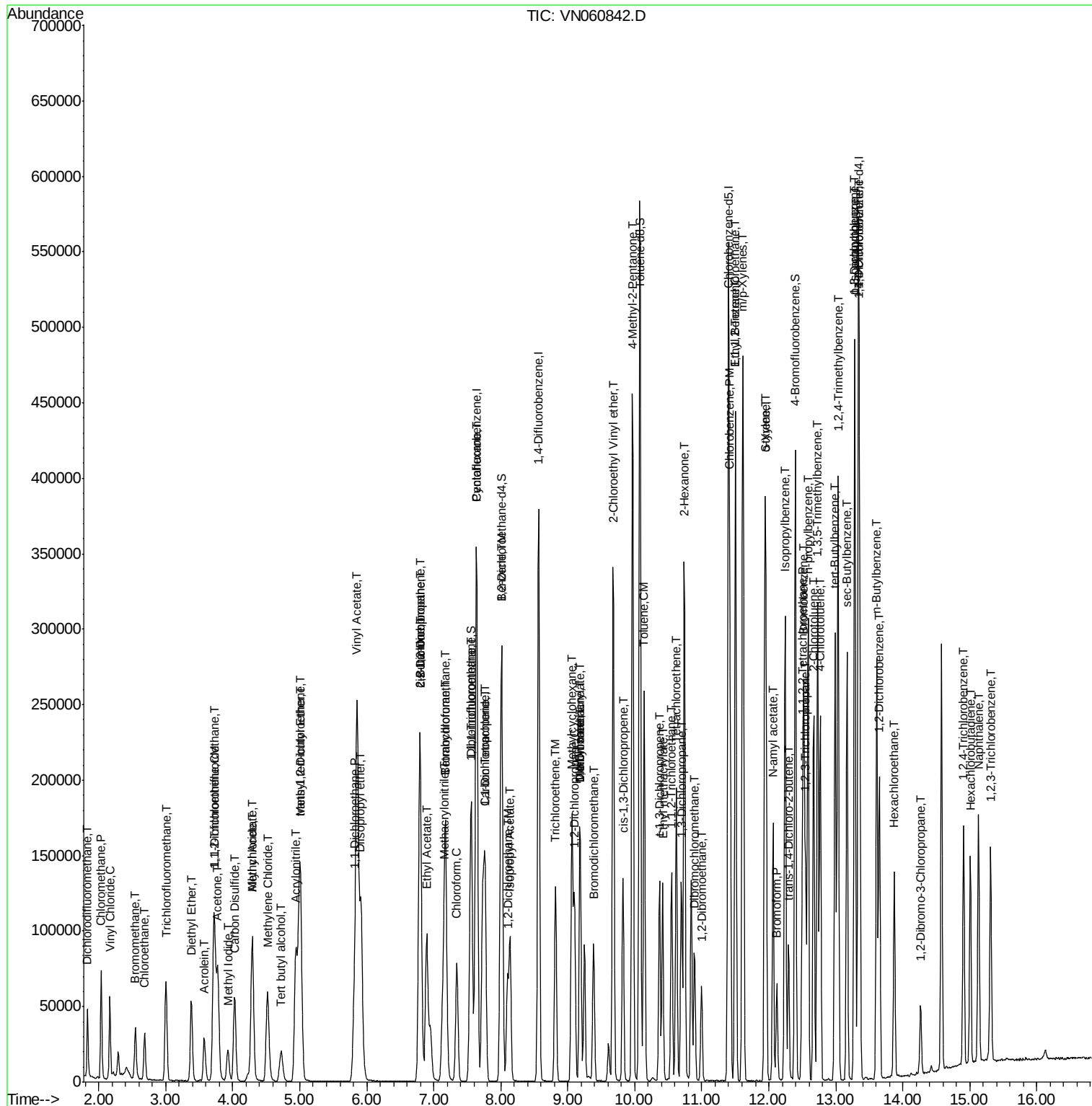
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49848	18.741	ug/l	98
94) Hexachlorobutadiene	15.01	225	27794	21.316	ug/l	98
95) Naphthalene	15.13	128	142119	17.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48220	18.405	ug/l	99

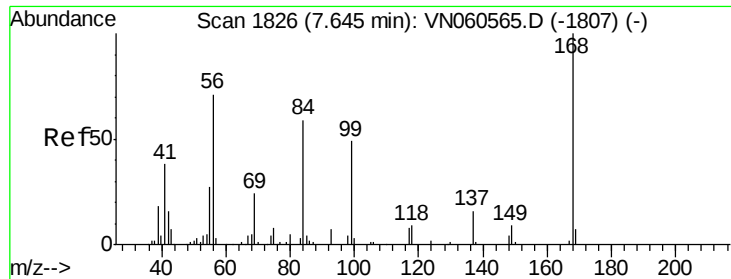
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

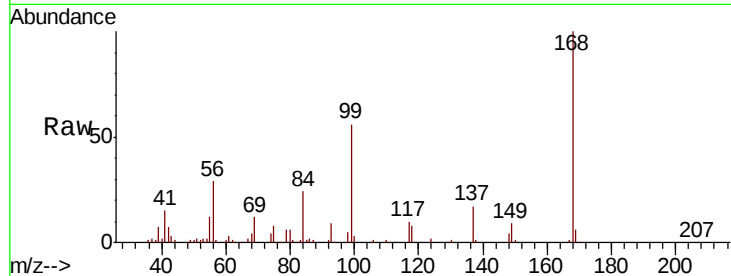
VN0406WBS01

Tot Ion:168 Resp: 204111

Ion Ratio Lower Upper

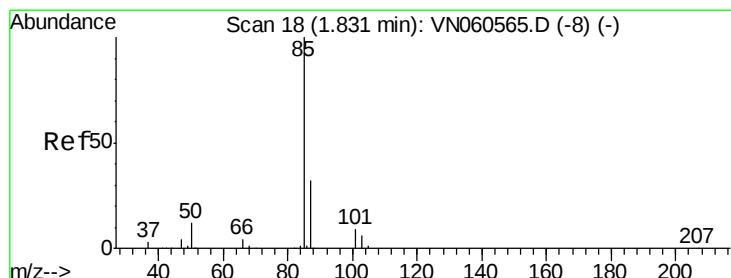
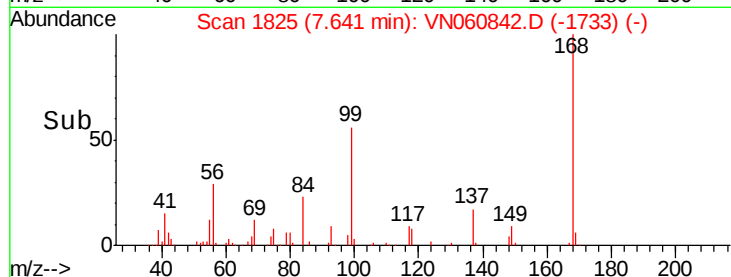
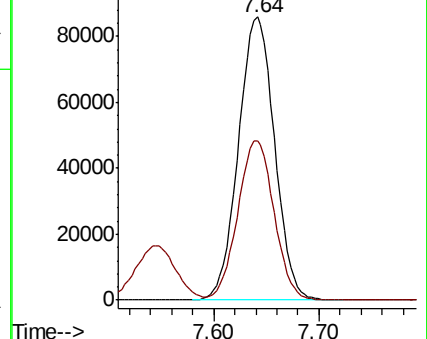
168 100

99 56.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.110 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060842.D

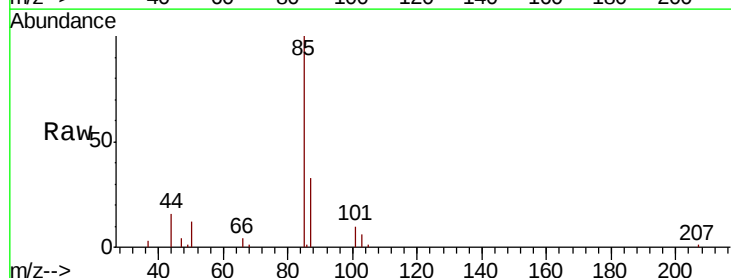
Acq: 6 Apr 2020 11:38

Tgt Ion: 85 Resp: 33791

Ion Ratio Lower Upper

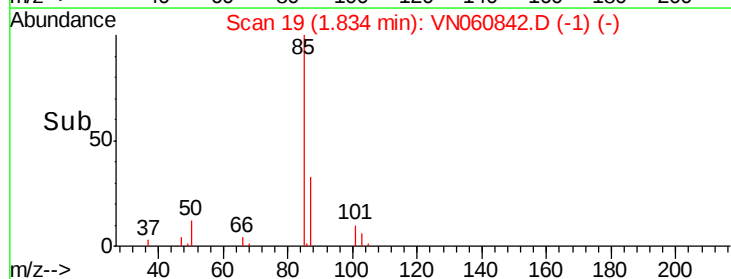
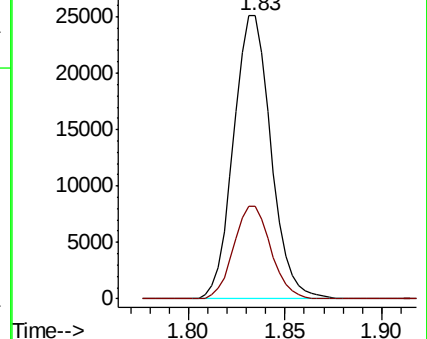
85 100

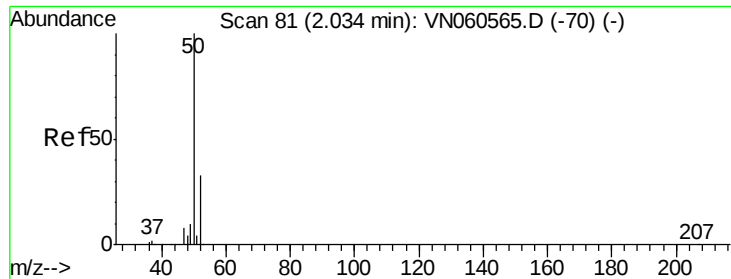
87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 16.280 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

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ClientSampleId :

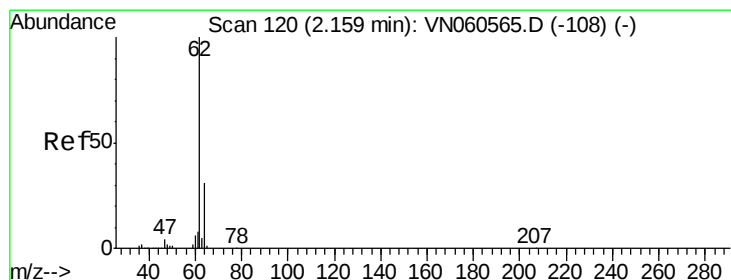
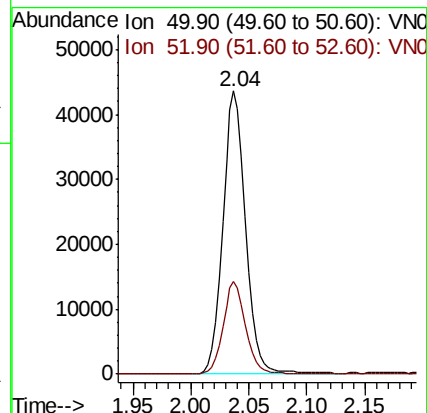
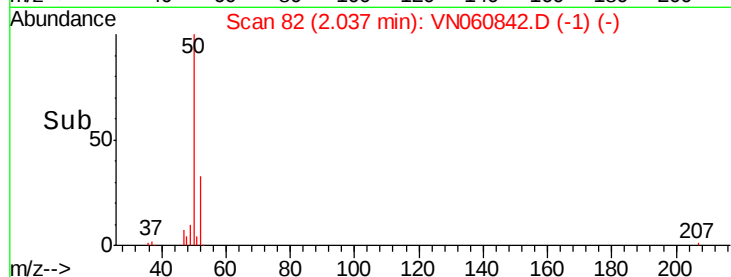
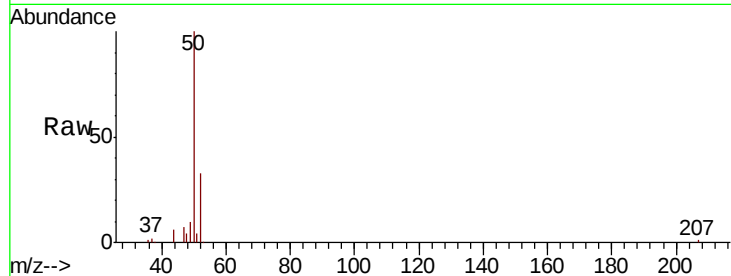
VN0406WBS01

Tot Ion: 50 Resp: 60051

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 16.749 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060842.D

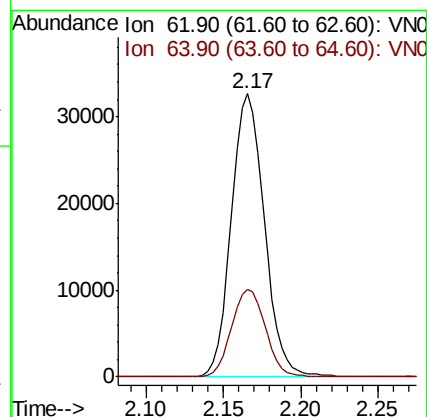
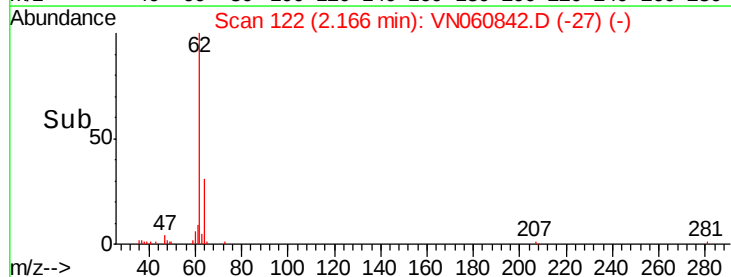
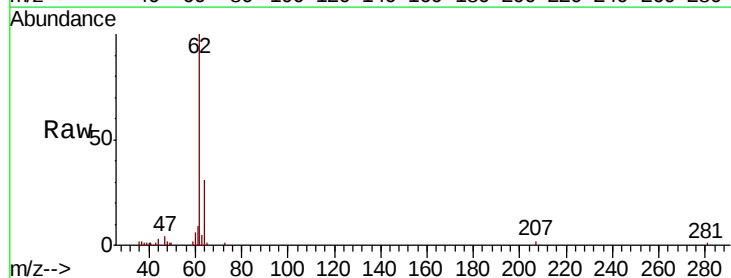
Acq: 6 Apr 2020 11:38

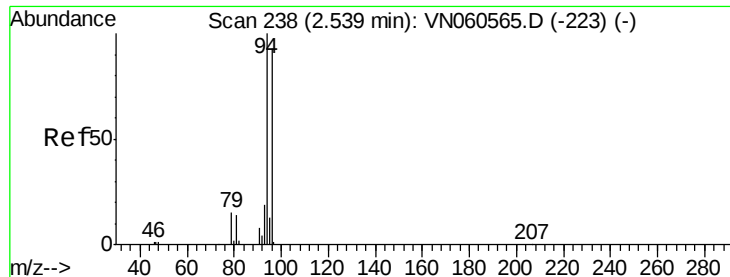
Tgt Ion: 62 Resp: 48321

Ion Ratio Lower Upper

62 100

64 31.1 24.7 37.1





#5

Bromomethane

Concen: 19.622 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

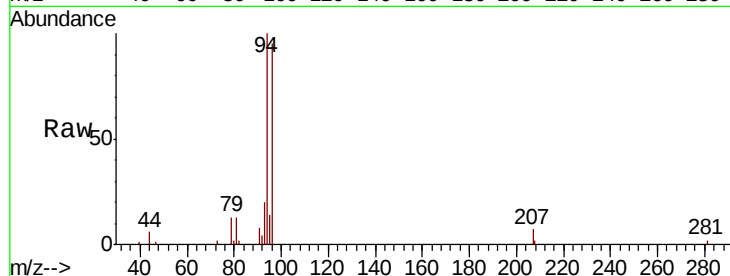
VN0406WBS01

Tot Ion: 94 Resp: 24438

Ion Ratio Lower Upper

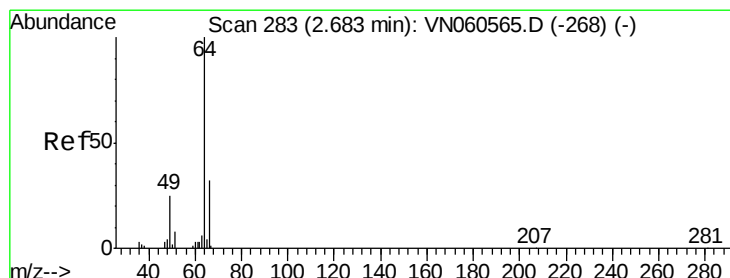
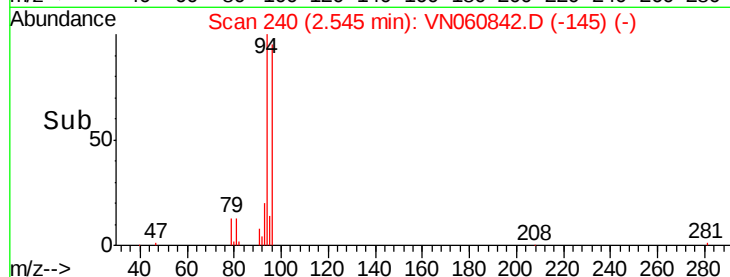
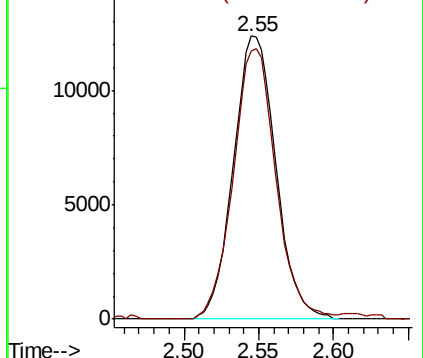
94 100

96 94.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.841 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060842.D

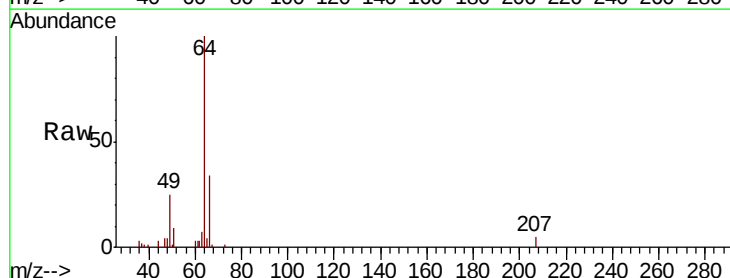
Acq: 6 Apr 2020 11:38

Tgt Ion: 64 Resp: 29651

Ion Ratio Lower Upper

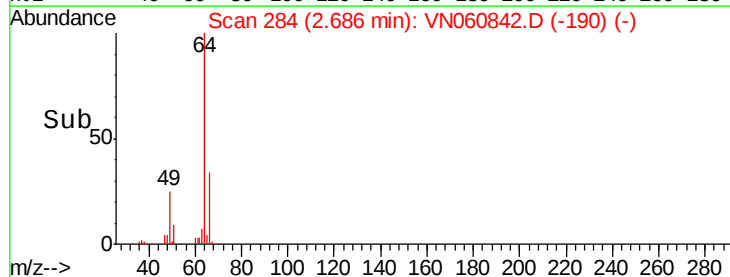
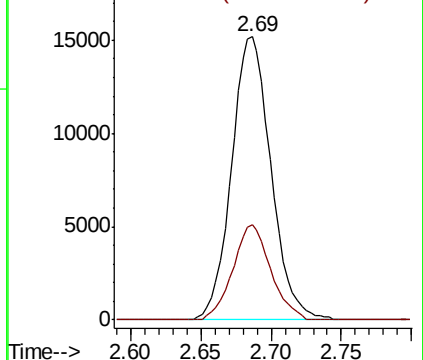
64 100

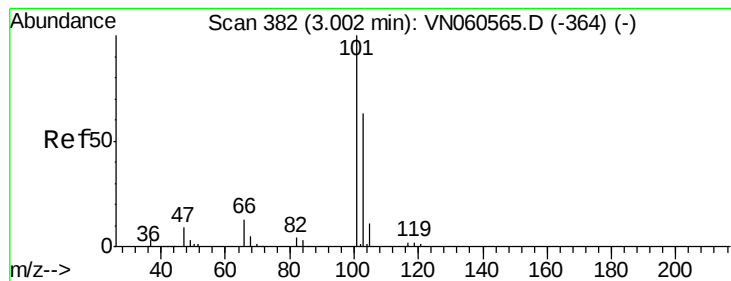
66 33.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



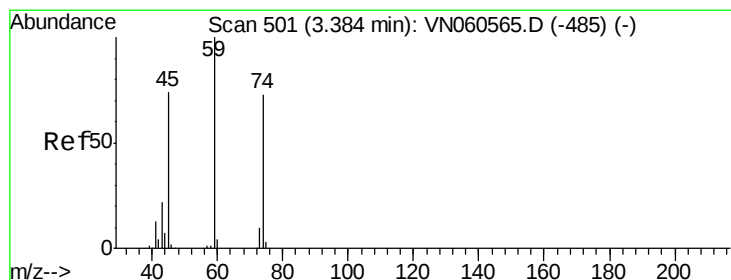
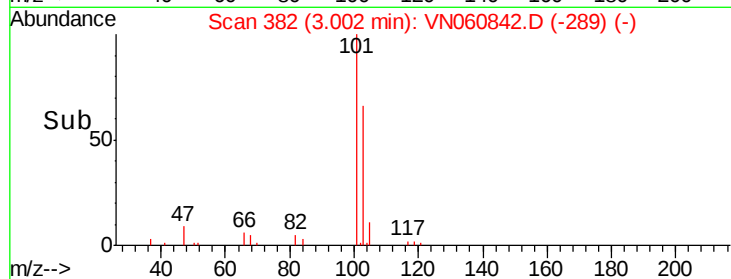
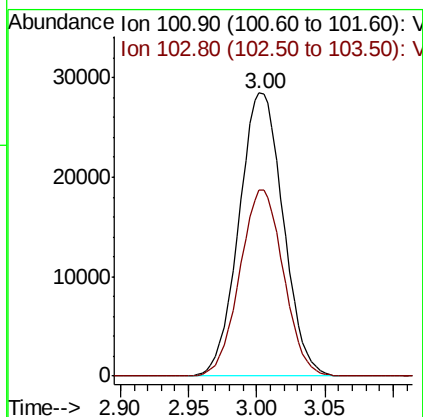
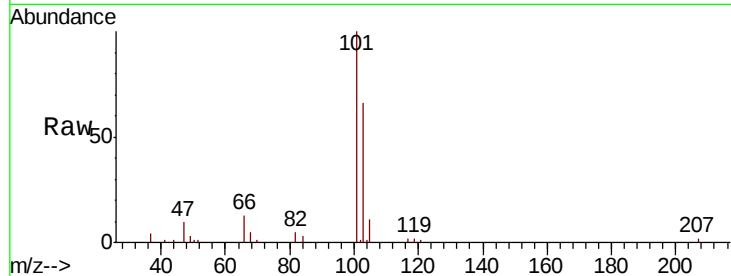


#7

Trichlorofluoromethane
 Concen: 18.009 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060842.D
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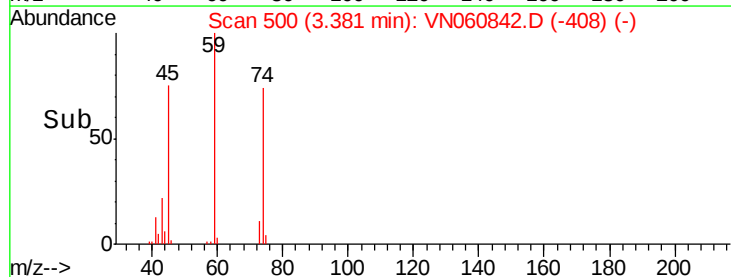
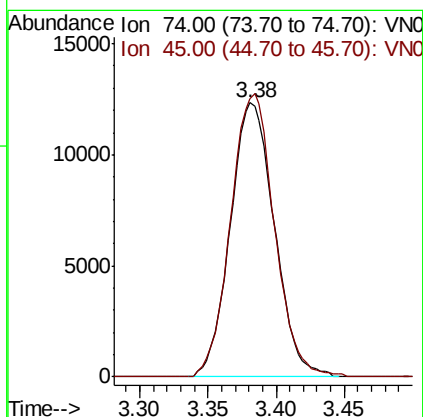
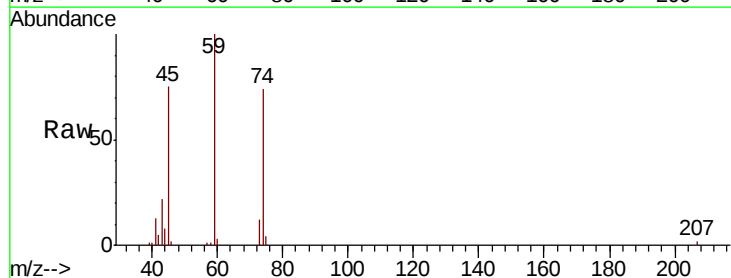
Tot Ion:101 Resp: 64002
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.6 76.0



#8

Diethyl Ether
 Concen: 19.402 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion: 74 Resp: 27700
 Ion Ratio Lower Upper
 74 100
 45 102.8 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.369 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

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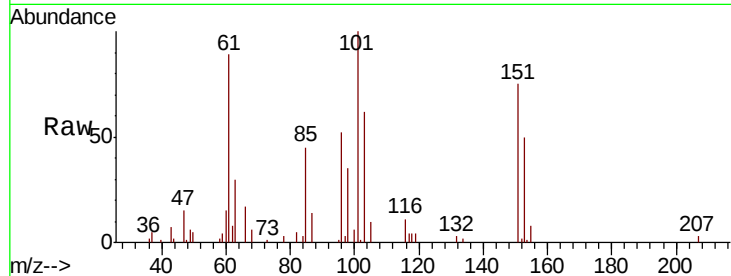
Tot Ion:101 Resp: 39886

Ion Ratio Lower Upper

101 100

85 45.1 35.6 53.4

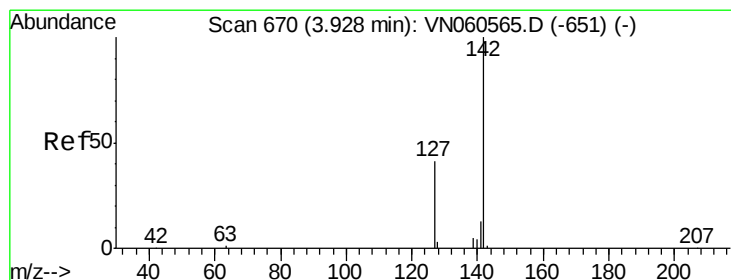
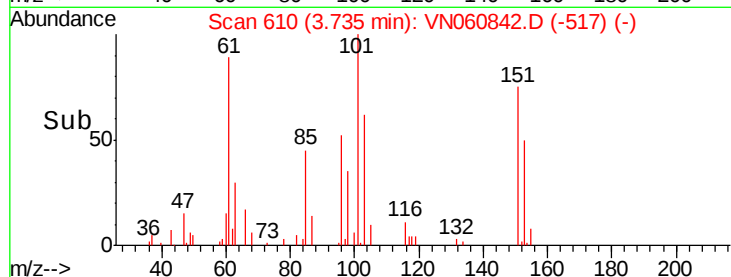
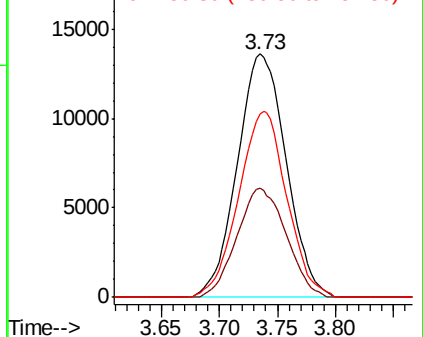
151 75.2 61.4 92.2



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: 18.436 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

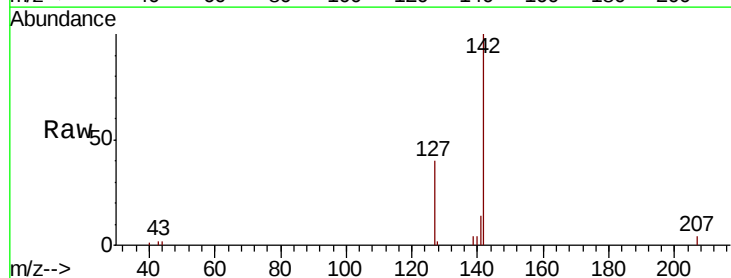
Tgt Ion:142 Resp: 33782

Ion Ratio Lower Upper

142 100

127 40.6 33.5 50.3

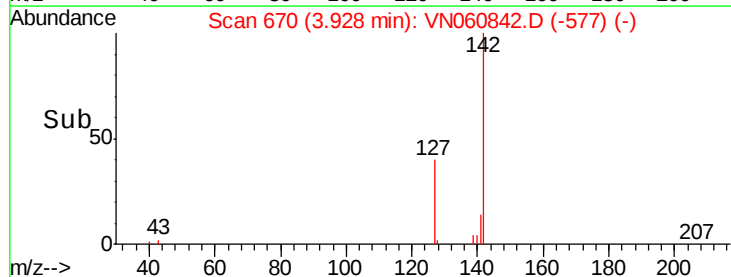
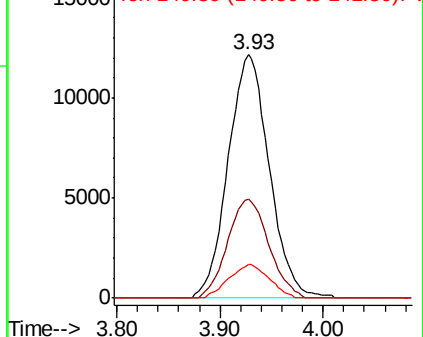
141 13.4 11.0 16.6

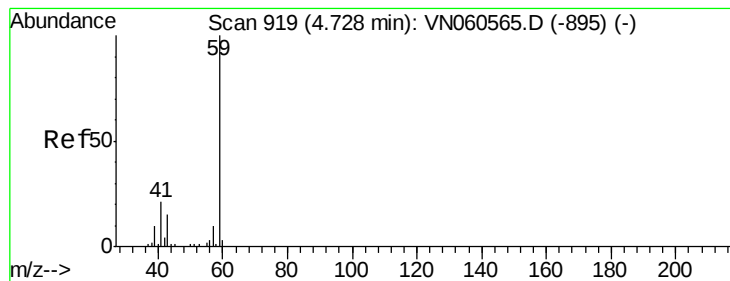


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



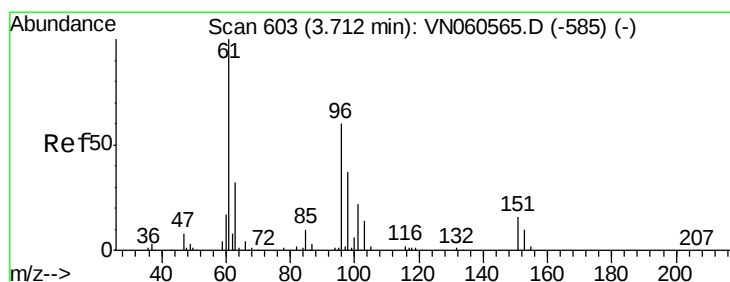
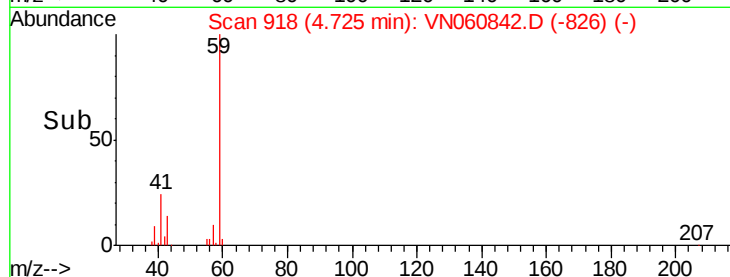
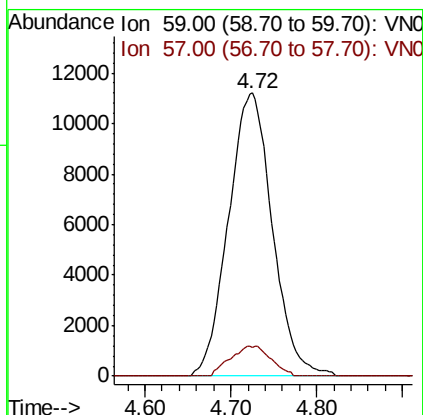
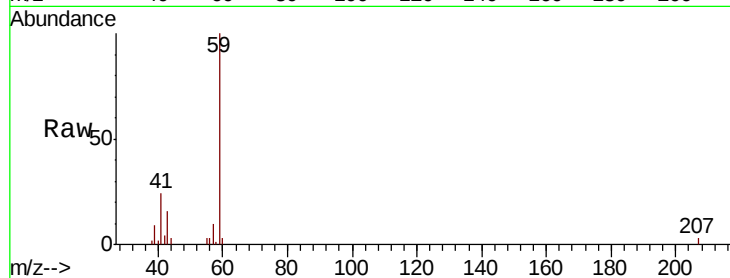


#11

Tert butyl alcohol
 Concen: 96.541 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

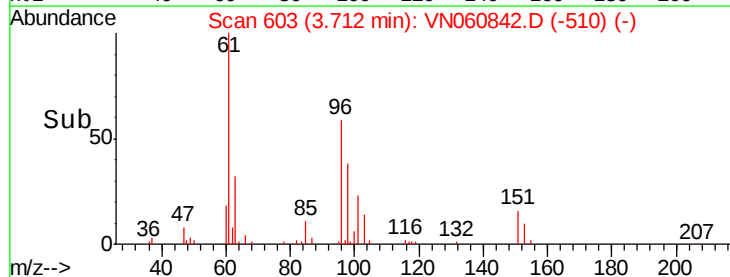
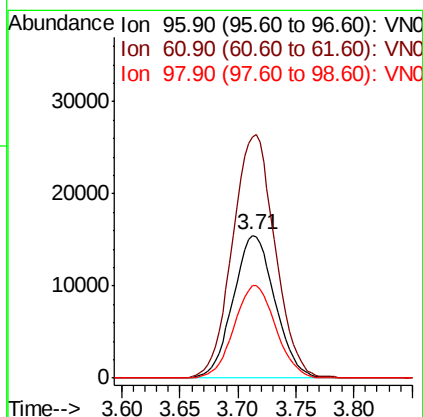
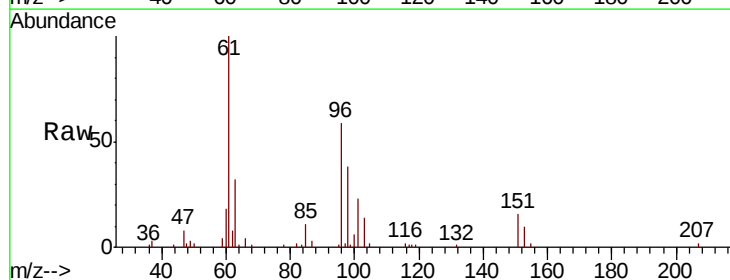
Tot Ion: 59 Resp: 39783
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4

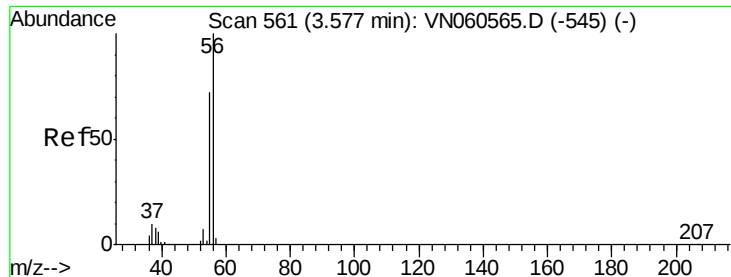


#12

1,1-Dichloroethene
 Concen: 17.601 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion: 96 Resp: 38897
 Ion Ratio Lower Upper
 96 100
 61 169.3 134.1 201.1
 98 64.6 49.9 74.9





#13

Acrolein

Concen: 70.141 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

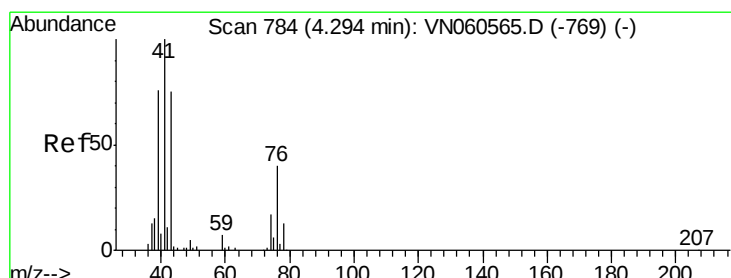
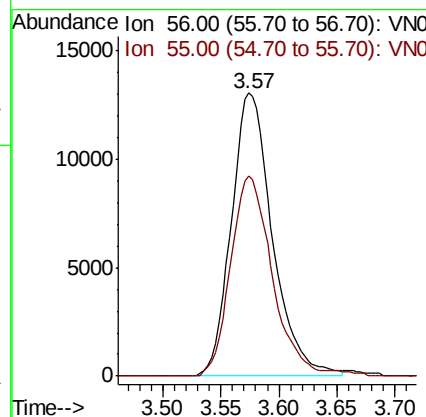
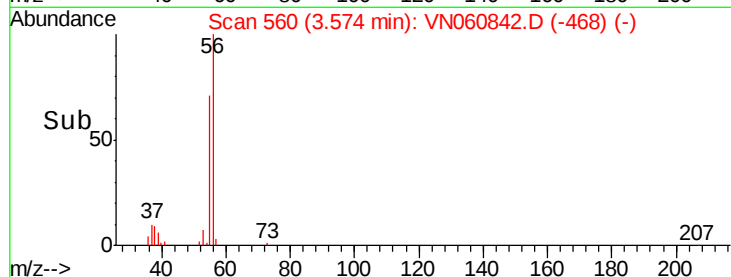
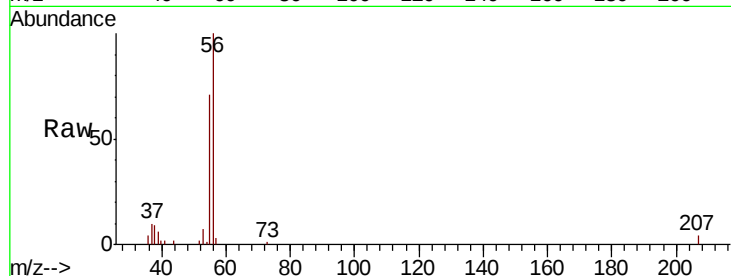
VN0406WBS01

Tot Ion: 56 Resp: 32034

Ion Ratio Lower Upper

56 100

55 72.3 56.7 85.1



#14

Allyl chloride

Concen: 19.013 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

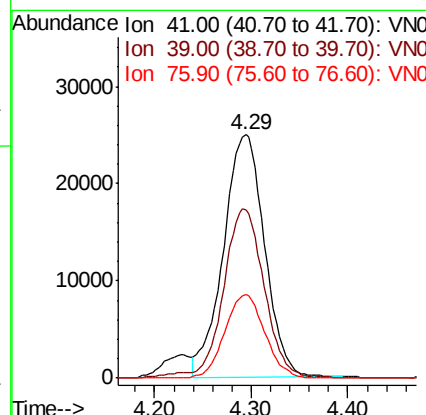
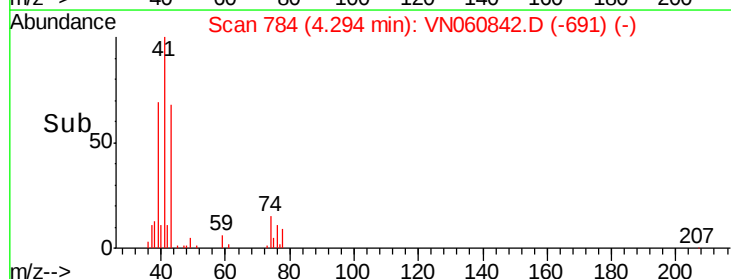
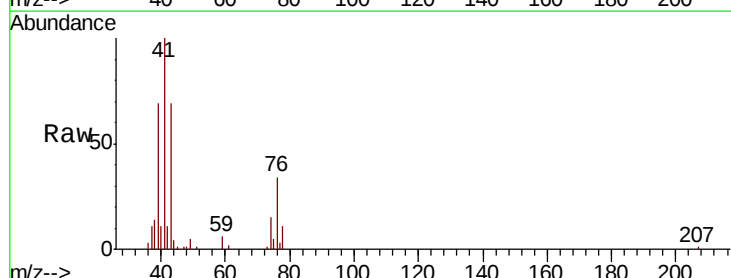
Tgt Ion: 41 Resp: 73899

Ion Ratio Lower Upper

41 100

39 66.3 57.8 86.8

76 33.3 28.6 43.0





#15

Acrylonitrile

Concen: 96.535 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0406WBS01

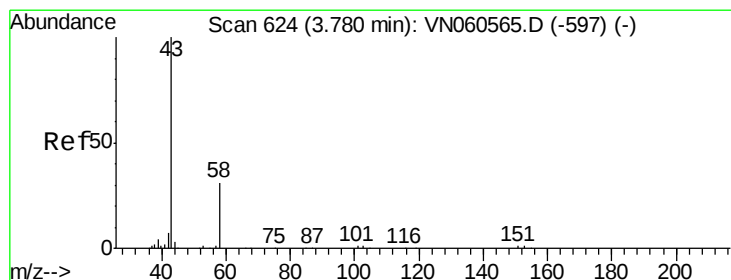
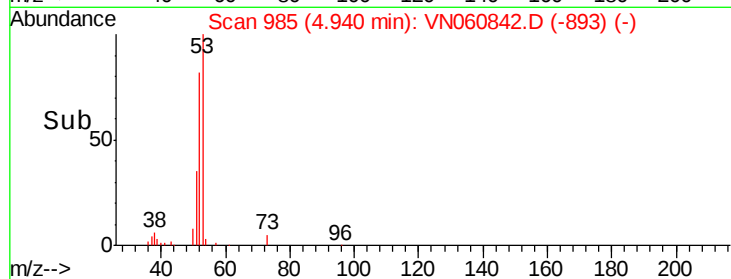
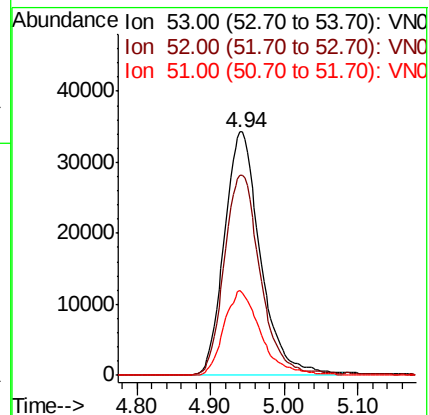
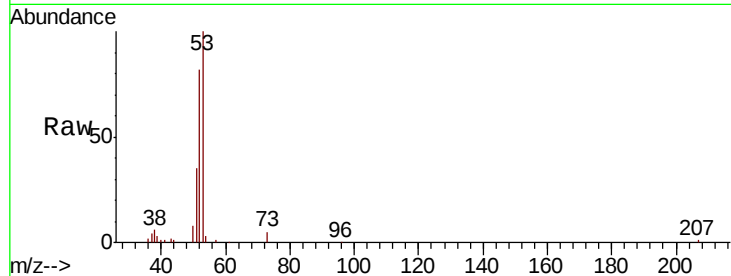
Tot Ion: 53 Resp: 116978

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.4

51 35.3 28.7 43.1



#16

Acetone

Concen: 116.326 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060842.D

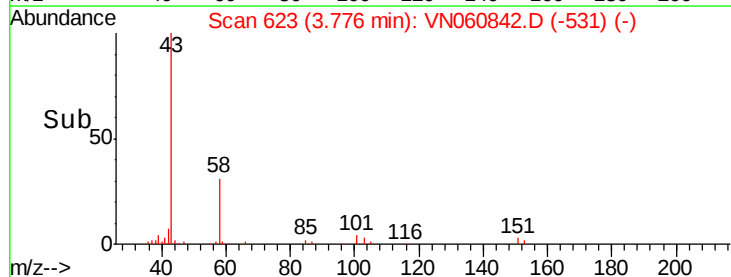
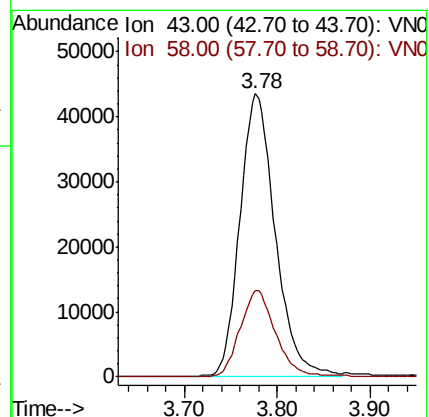
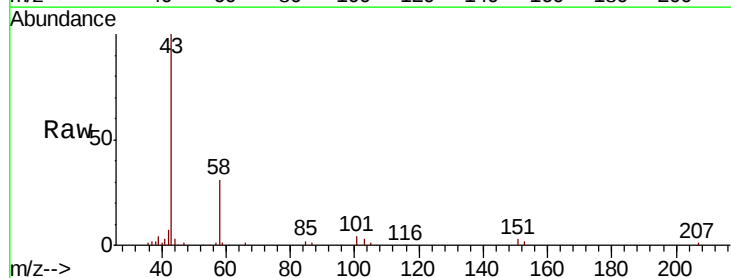
Acq: 6 Apr 2020 11:38

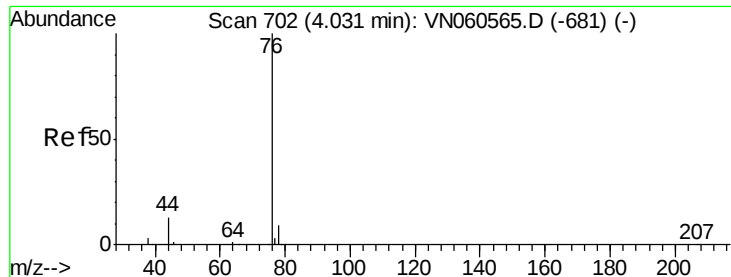
Tgt Ion: 43 Resp: 115456

Ion Ratio Lower Upper

43 100

58 30.5 25.1 37.7

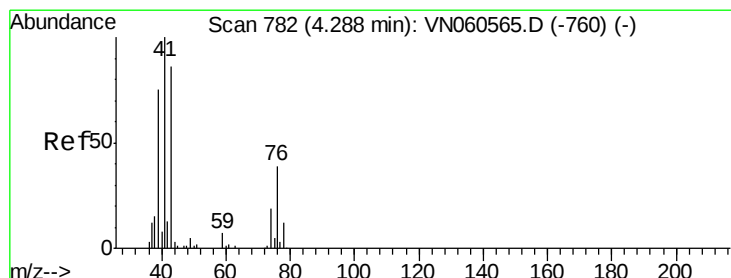
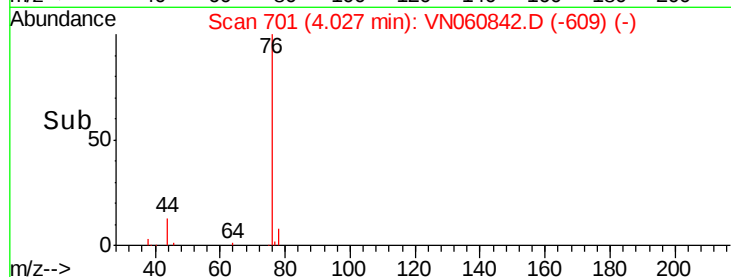
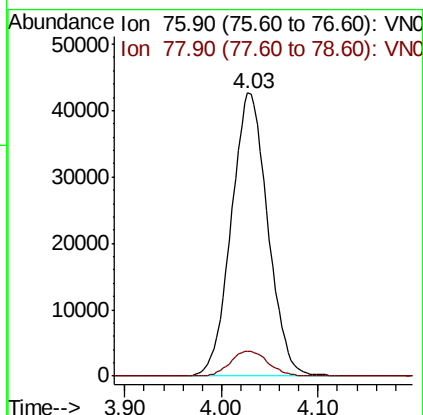
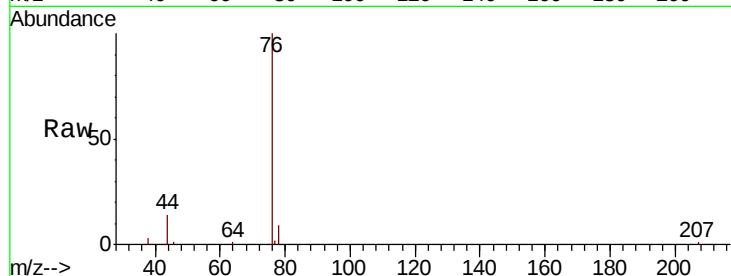




#17
Carbon Disulfide
Concen: 16.609 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

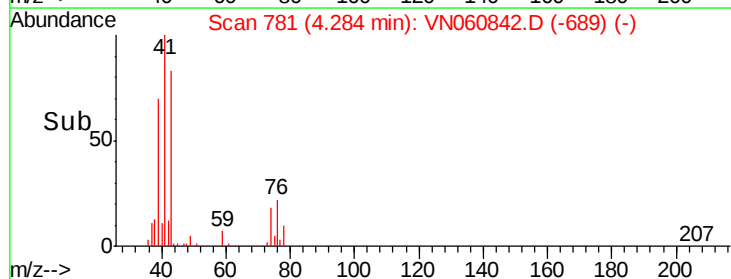
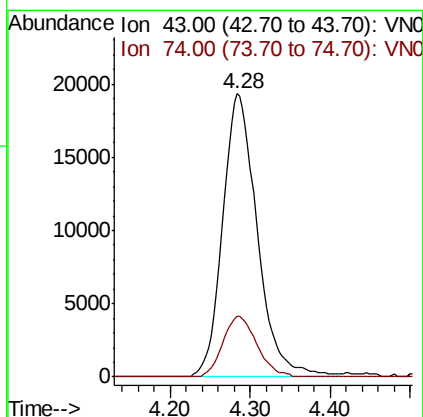
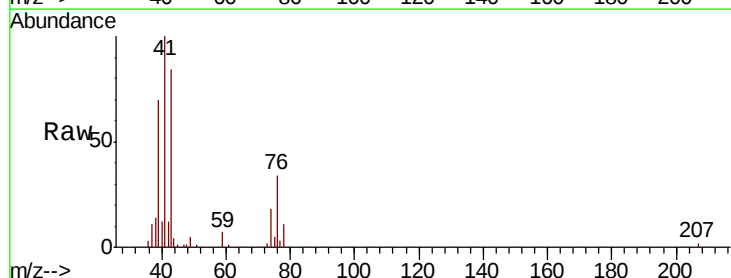
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

Tot Ion: 76 Resp: 111627
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 20.444 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 43 Resp: 57115
Ion Ratio Lower Upper
43 100
74 20.9 17.5 26.3

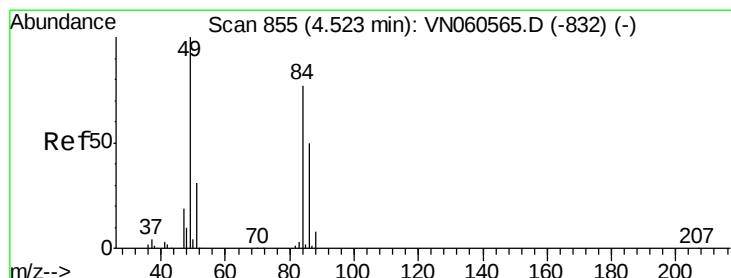
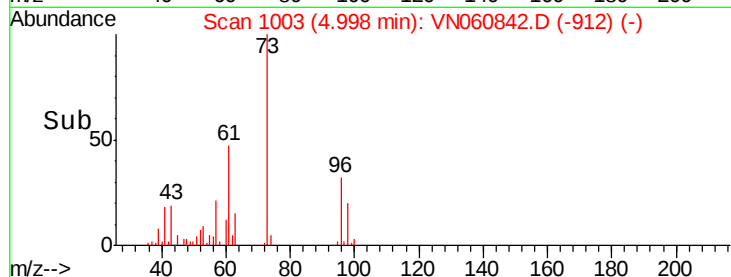
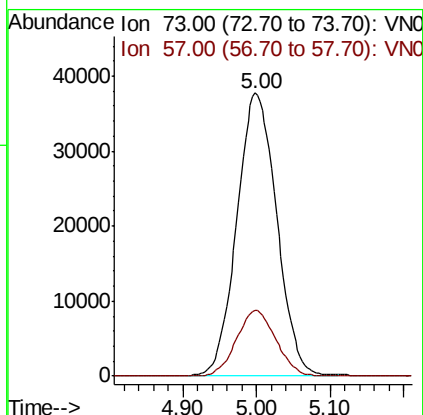
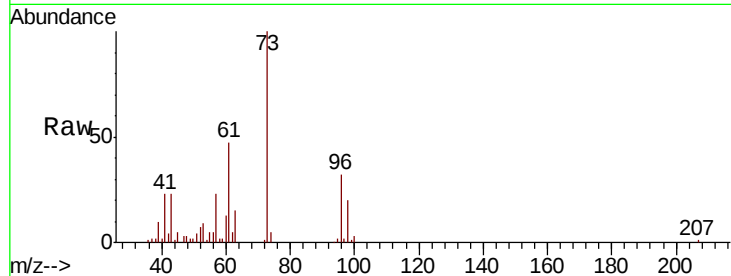




#19
Methyl tert-butyl Ether
Concen: 18.693 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

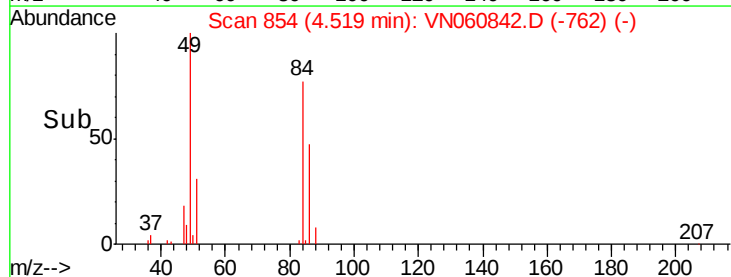
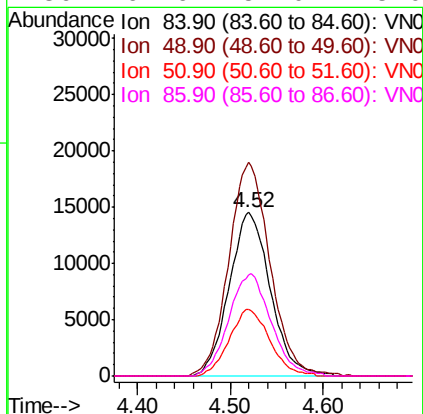
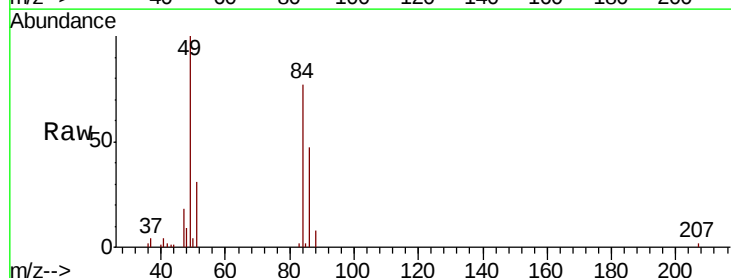
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

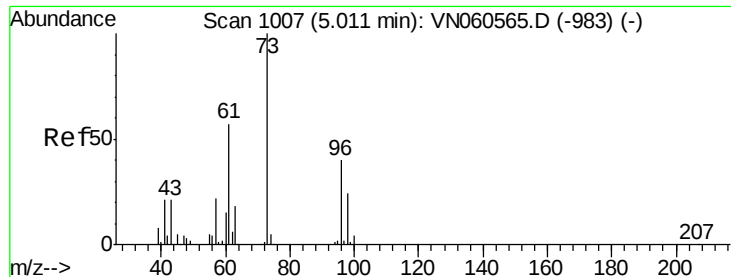
Tot Ion: 73 Resp: 142026
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 18.369 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 84 Resp: 44849
Ion Ratio Lower Upper
84 100
49 130.5 103.3 154.9
51 41.1 31.6 47.4
86 61.6 52.0 78.0

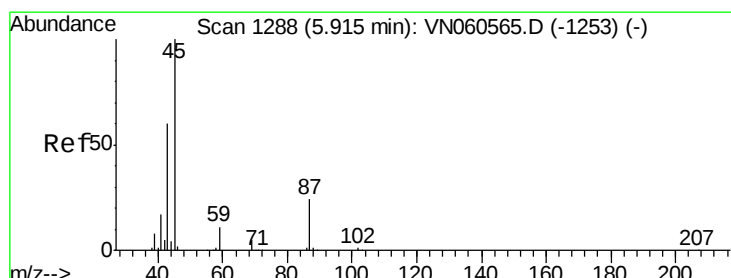
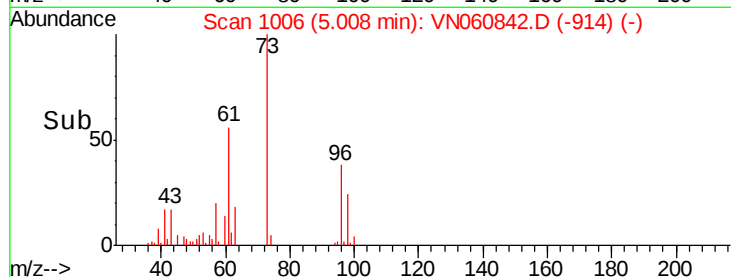
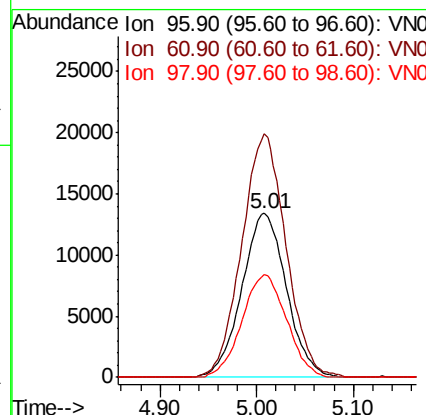
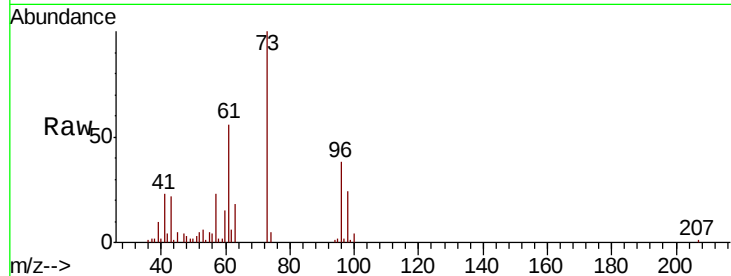




#21
trans-1,2-Dichloroethene
Concen: 18.231 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

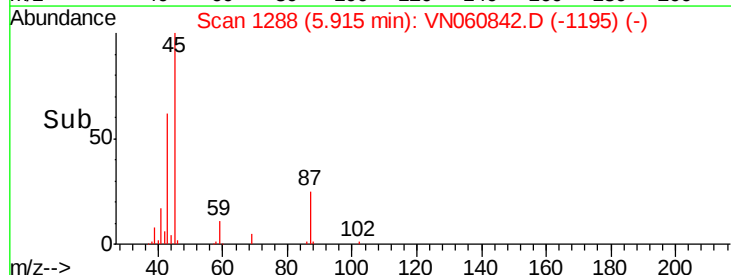
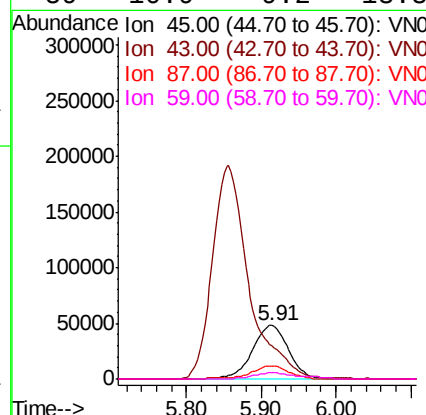
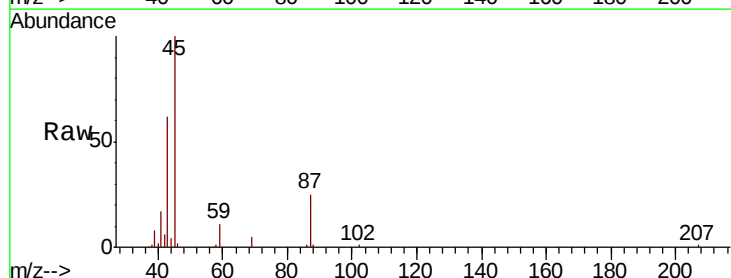
Instrument :
MSVOA_N
ClientSampled :
VN0406WBS01

Tot Ion: 96 Resp: 42938
Ion Ratio Lower Upper
96 100
61 148.3 114.4 171.6
98 62.3 48.4 72.6



#22
Diisopropyl ether
Concen: 19.757 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 45 Resp: 162231
Ion Ratio Lower Upper
45 100
43 60.0 49.8 74.8
87 24.8 20.1 30.1
59 10.9 9.2 13.8

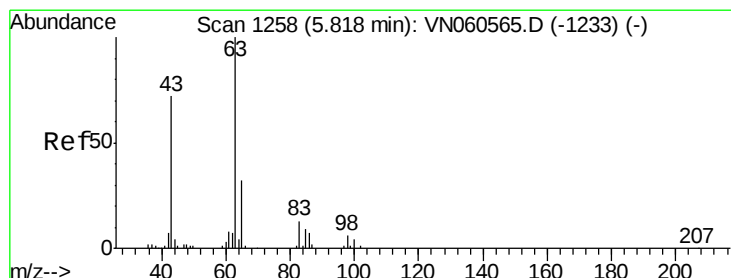
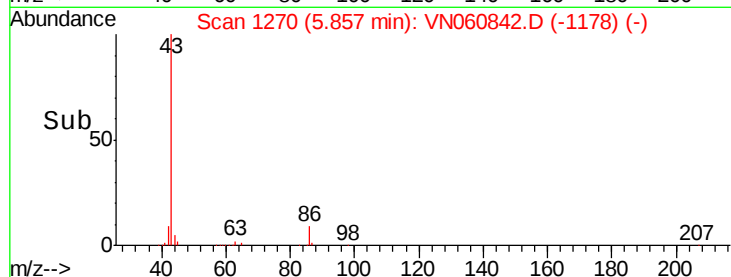
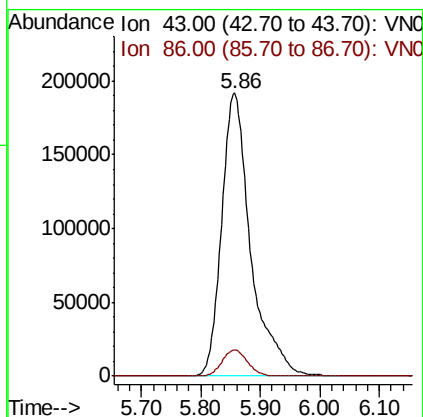
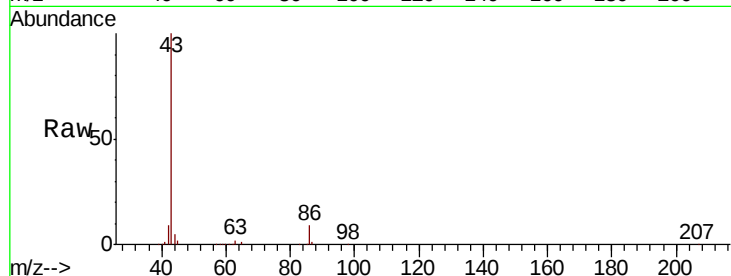




#23
 Vinyl Acetate
 Concen: 97.382 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

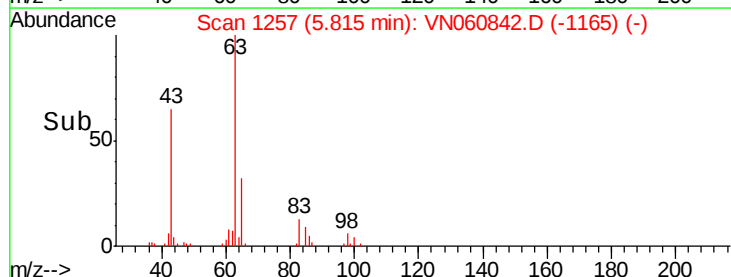
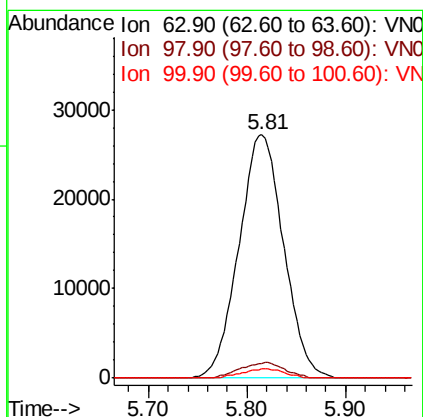
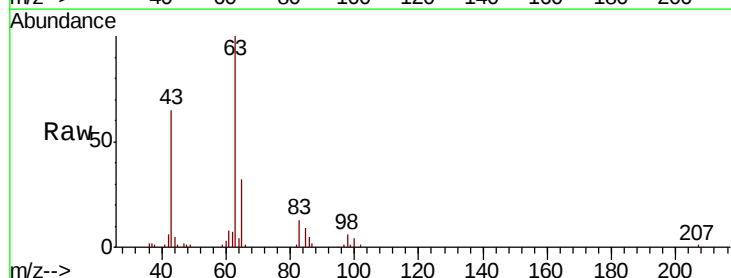
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

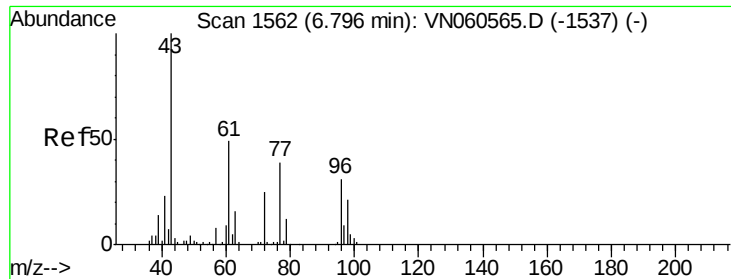
Tot Ion: 43 Resp: 652441
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 19.032 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion: 63 Resp: 85197
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.7
 100 3.7 1.8 5.5

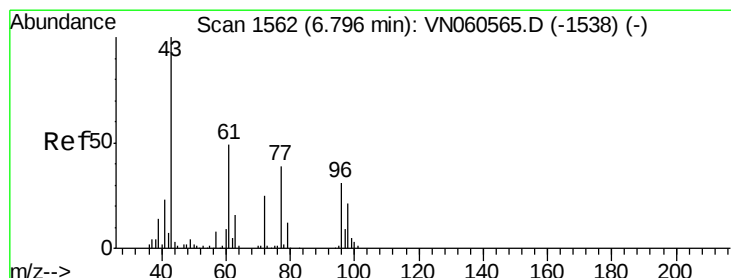
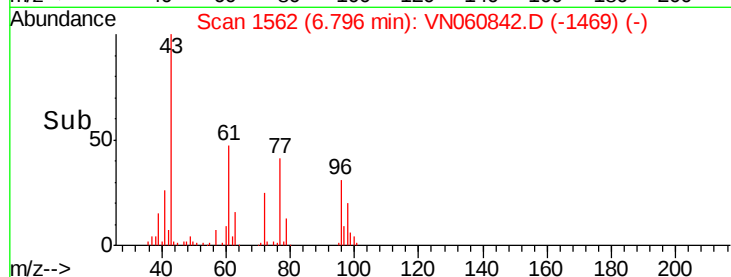
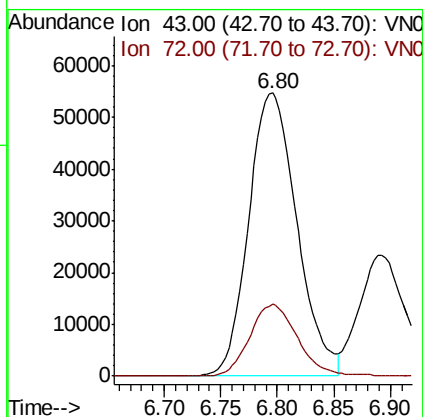
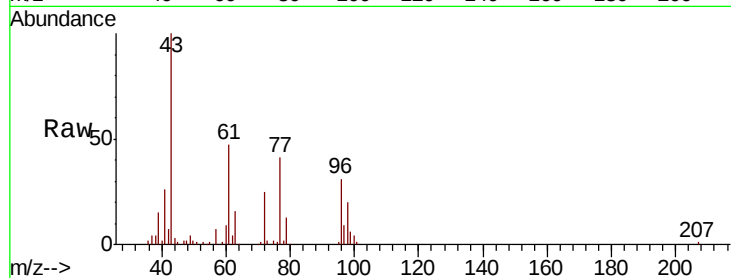




#25
2-Butanone
Concen: 101.173 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

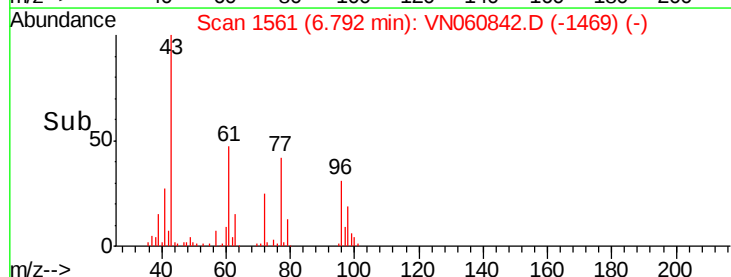
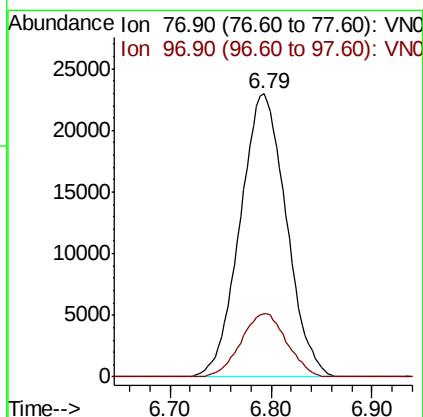
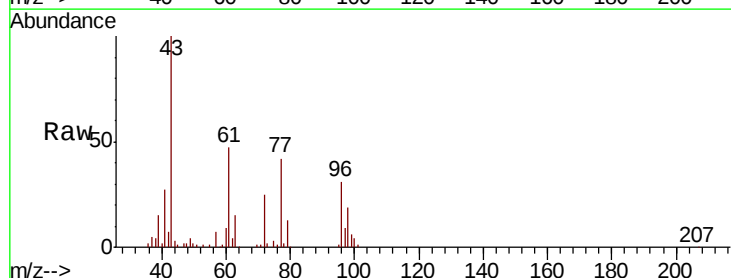
Instrument :
MSVOA_N
ClientSampled :
VN0406WBS01

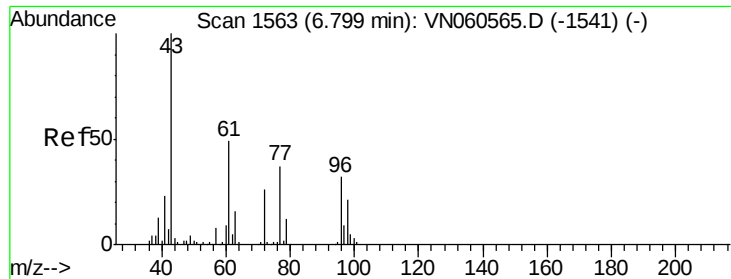
Tot Ion: 43 Resp: 162491
Ion Ratio Lower Upper
43 100
72 25.4 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.705 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 77 Resp: 72922
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.857 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBS01

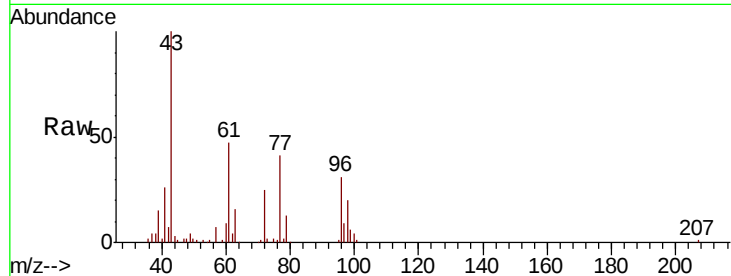
Tot Ion: 96 Resp: 50470

Ion Ratio Lower Upper

96 100

61 152.3 0.0 305.6

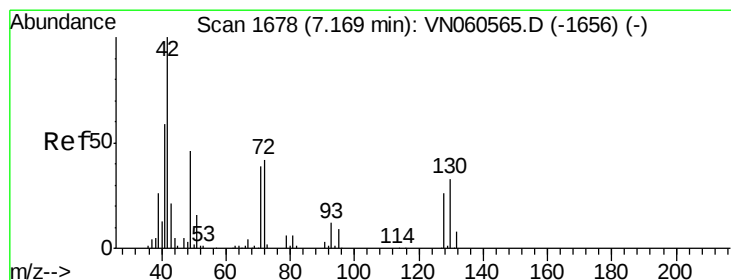
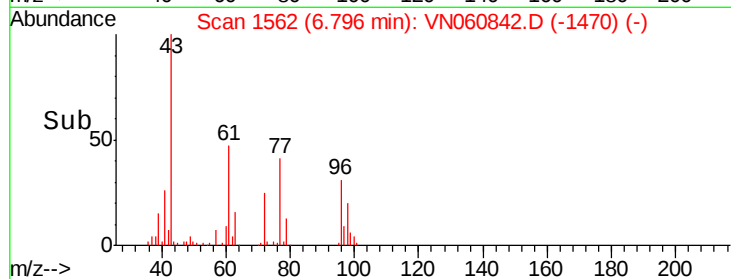
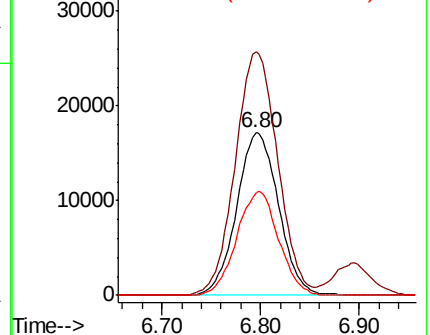
98 63.9 0.0 127.6



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: 19.883 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

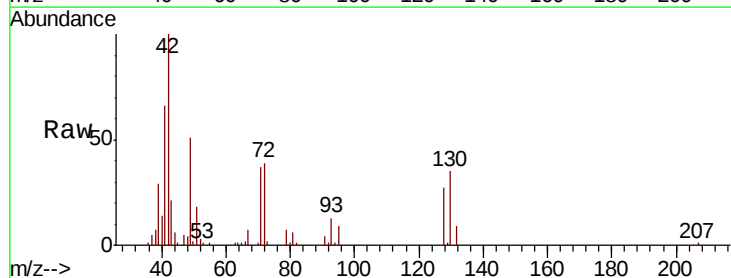
Tgt Ion: 49 Resp: 42585

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.4

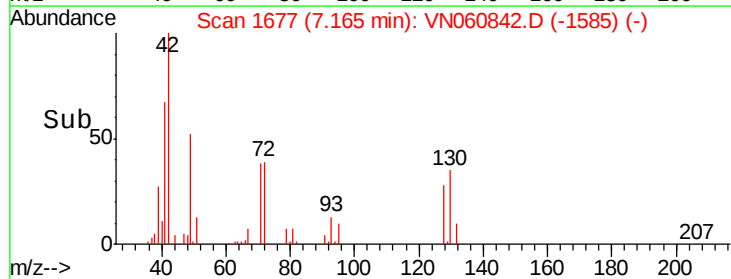
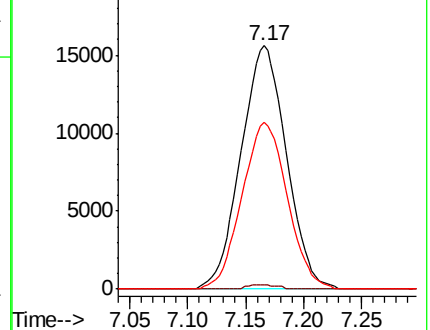
130 68.3 55.0 82.4

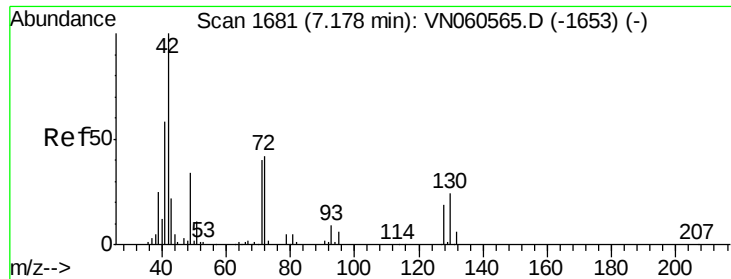


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

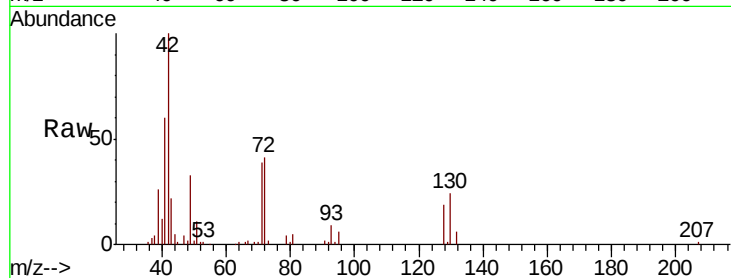




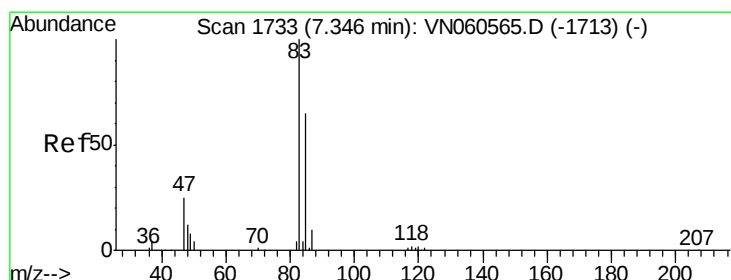
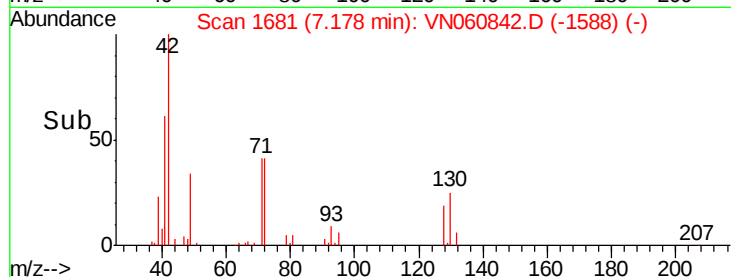
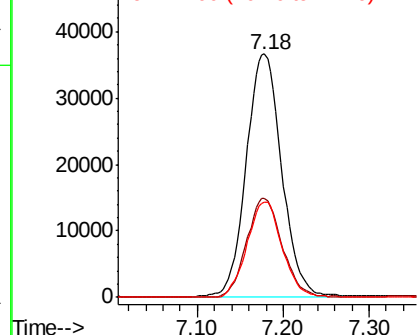
#29
Tetrahydrofuran
Concen: 92.875 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

Tot Ion: 42 Resp: 105539
Ion Ratio Lower Upper
42 100
72 40.5 33.2 49.8
71 38.5 31.1 46.7

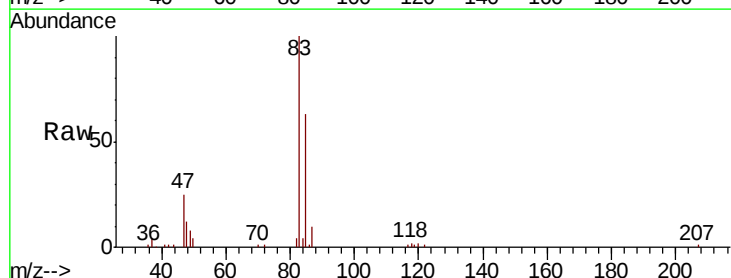


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

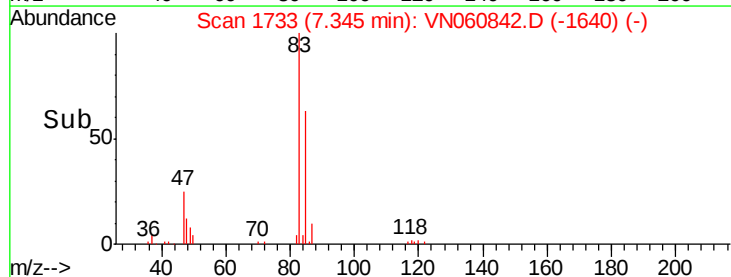
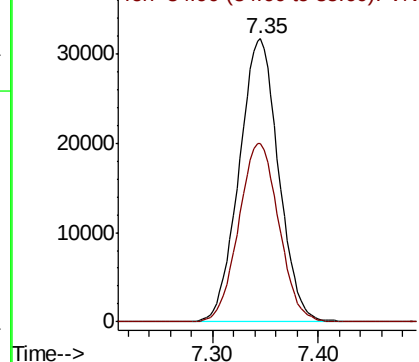


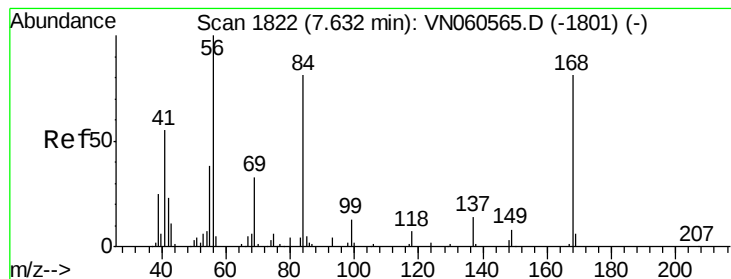
#30
Chloroform
Concen: 19.137 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 83 Resp: 82126
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.056 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBS01

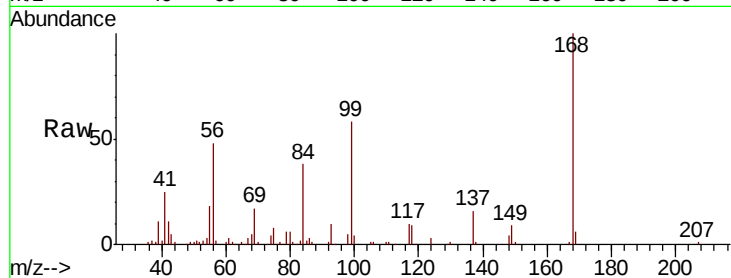
Tot Ion: 56 Resp: 81487

Ion Ratio Lower Upper

56 100

69 34.8 26.6 40.0

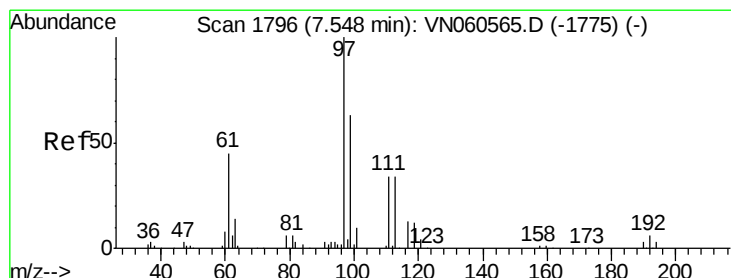
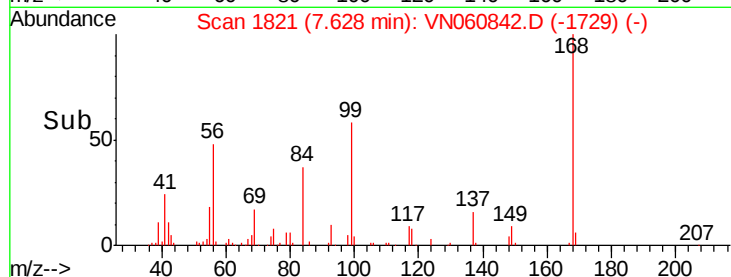
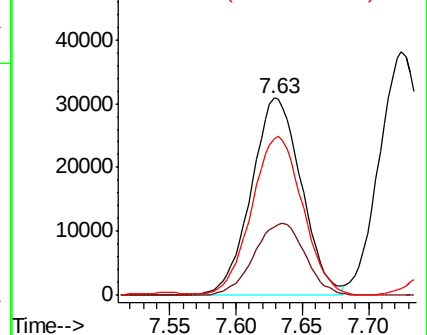
84 78.6 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.669 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

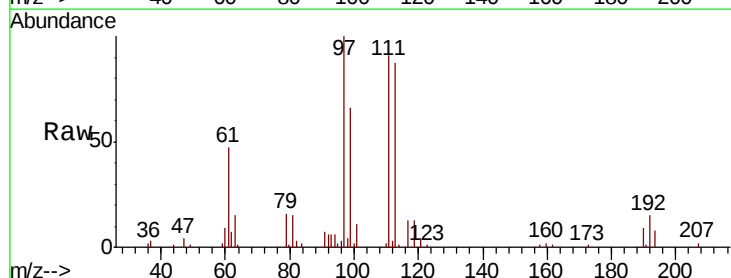
Tgt Ion: 97 Resp: 69065

Ion Ratio Lower Upper

97 100

99 64.9 50.6 75.8

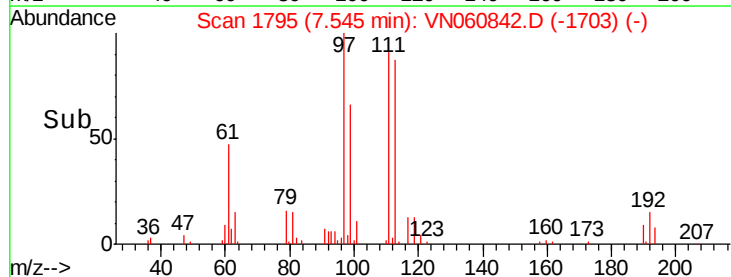
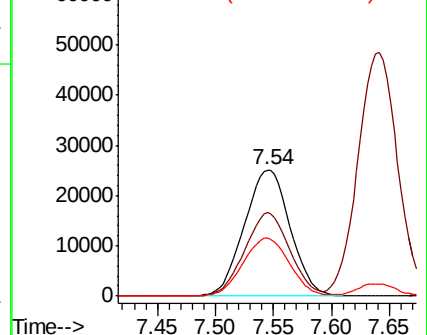
61 46.7 36.2 54.4

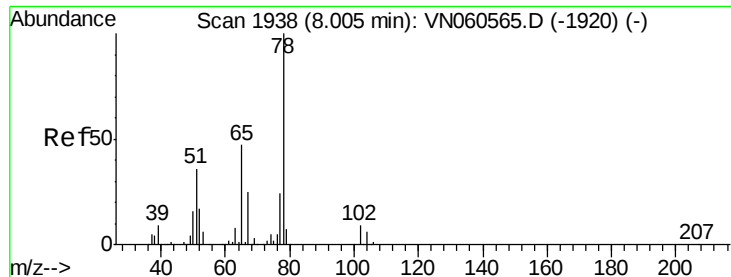


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

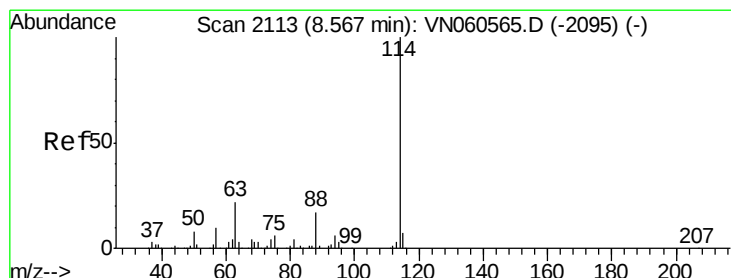
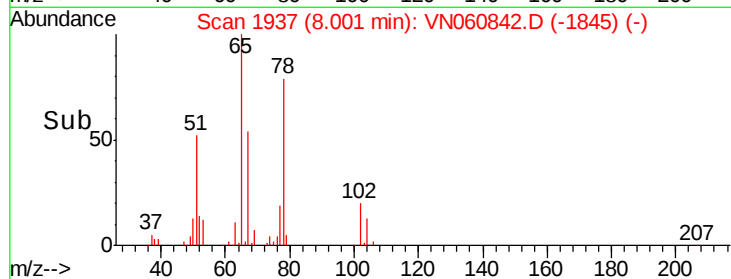
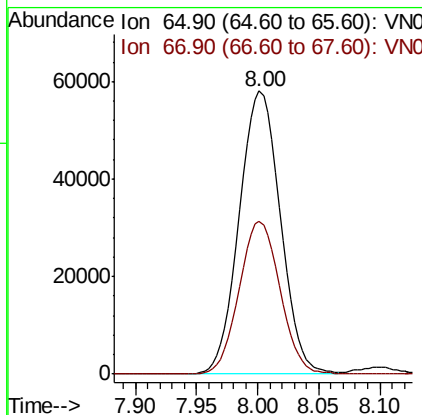
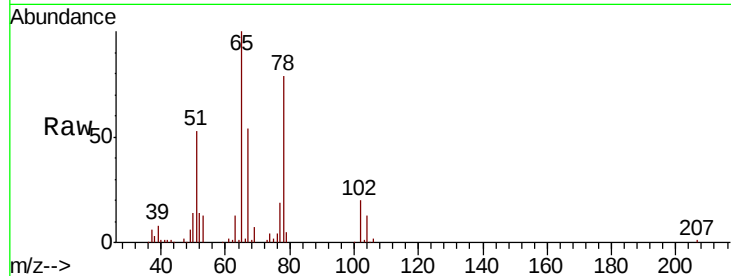




#33
 1,2-Dichloroethane-d4
 Concen: 48.360 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

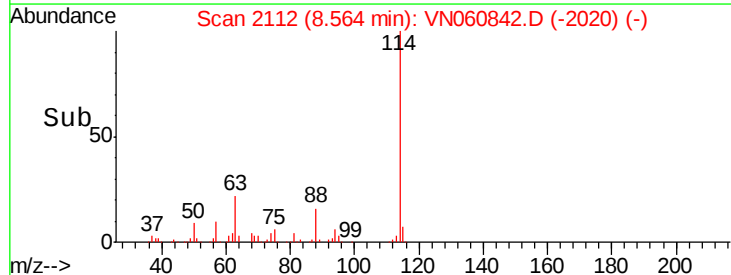
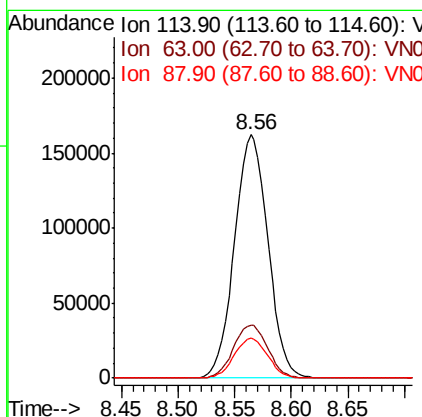
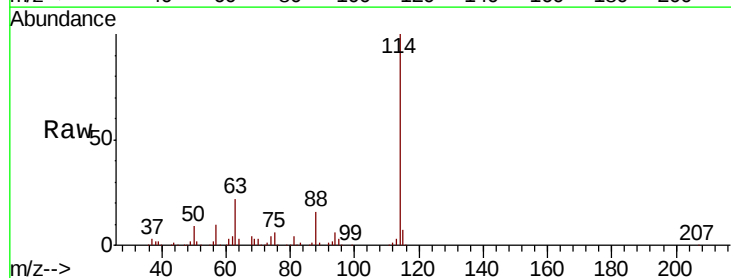
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

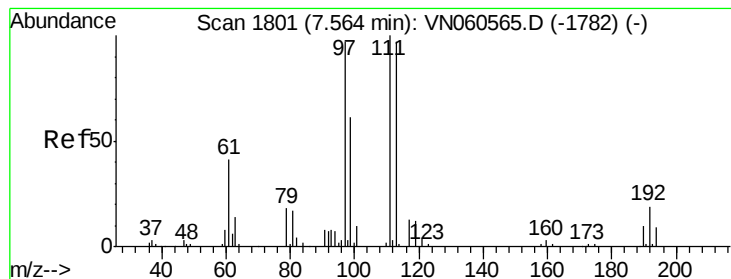
Tot Ion: 65 Resp: 135503
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion: 114 Resp: 334933
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.912 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0406WBS01

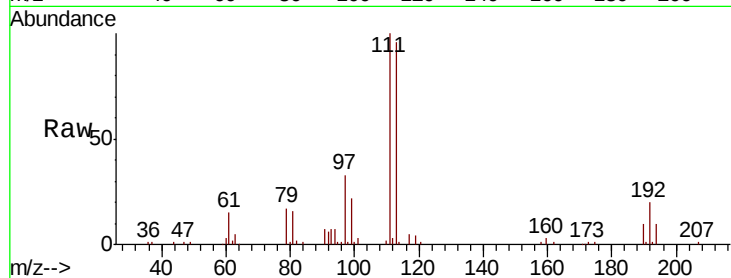
Tot Ion:113 Resp: 103108

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

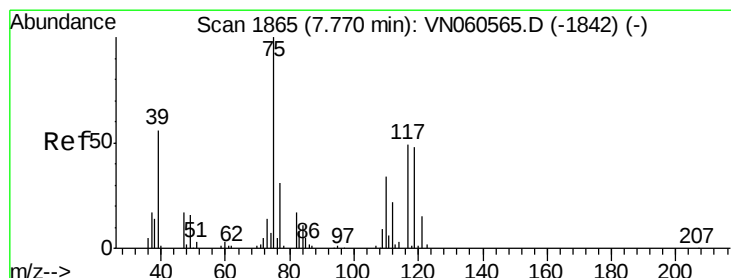
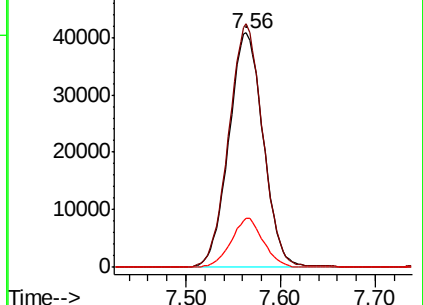
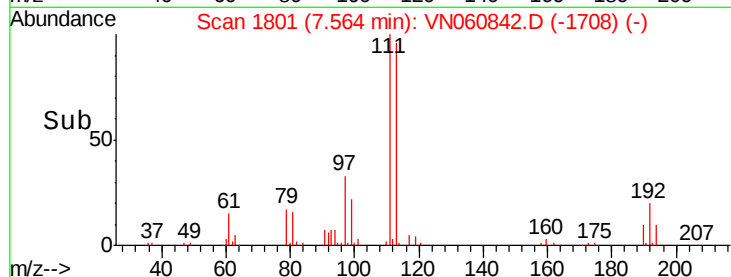
192 19.5 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.014 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

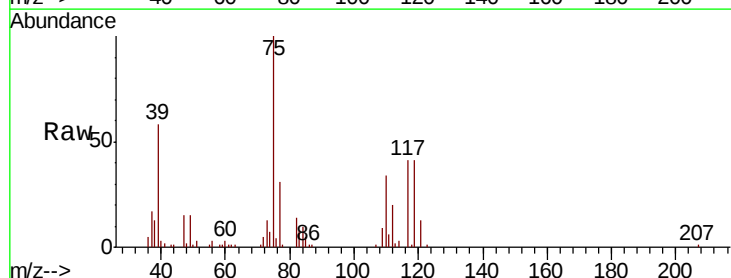
Tgt Ion: 75 Resp: 61666

Ion Ratio Lower Upper

75 100

110 34.0 16.9 50.6

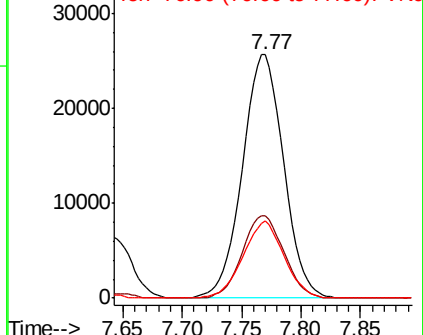
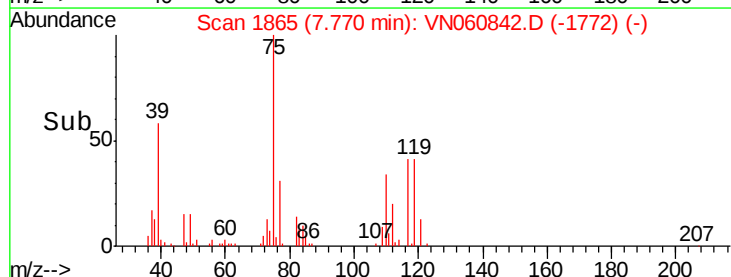
77 31.4 24.6 36.8

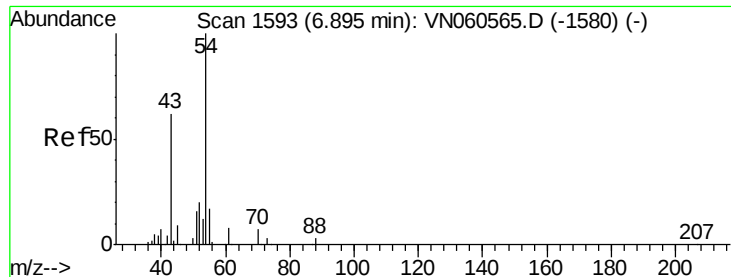


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

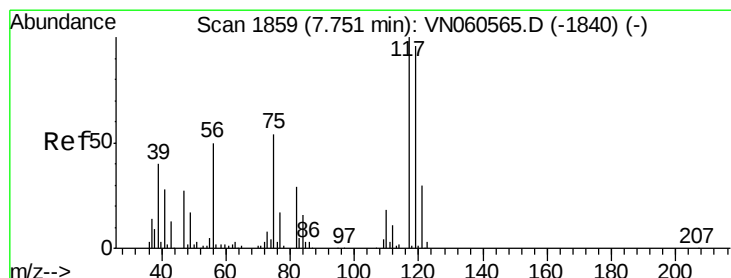
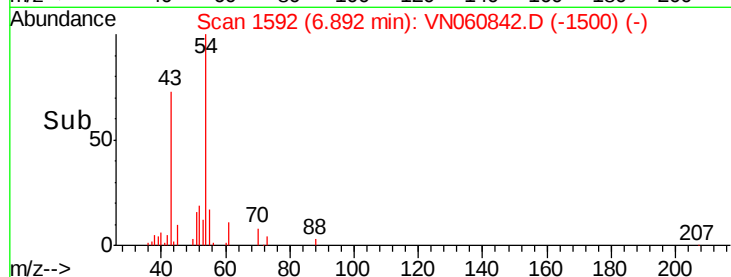
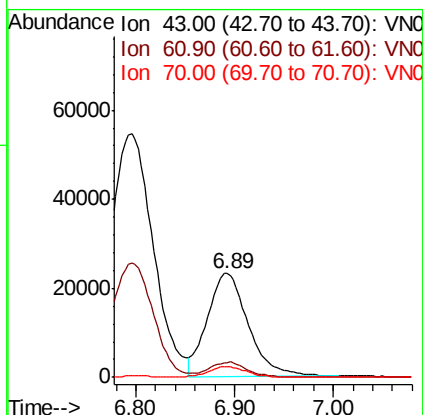
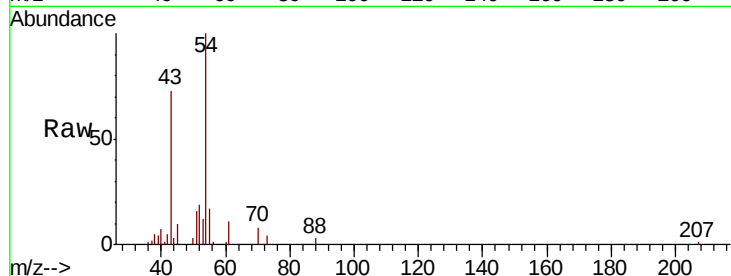




#37
Ethyl Acetate
Concen: 19.178 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

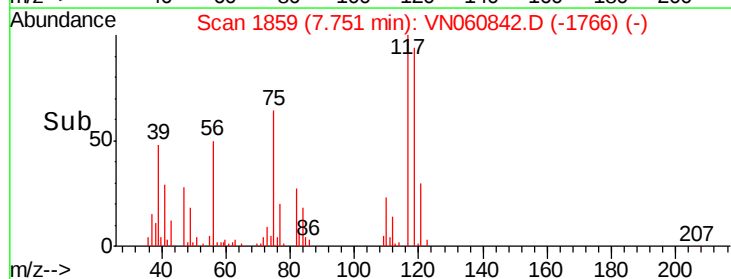
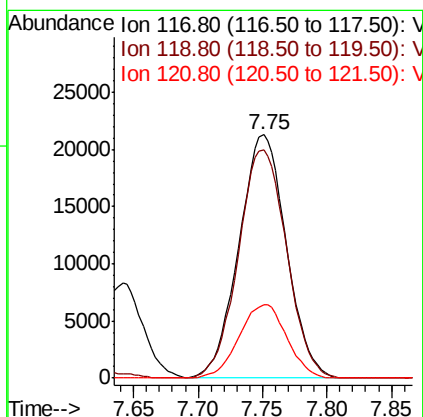
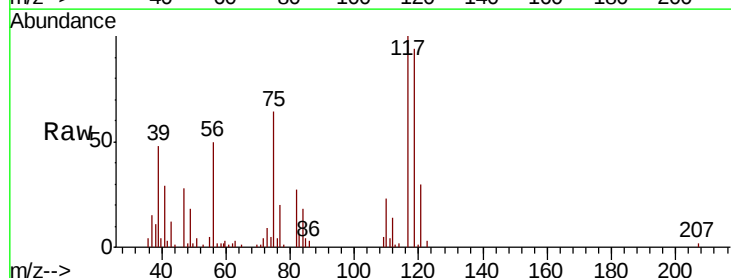
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

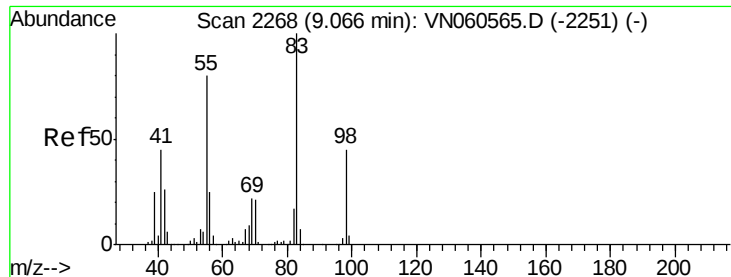
Tot Ion: 43 Resp: 67205
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.756 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 117 Resp: 54518
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.2
121 30.0 23.7 35.5

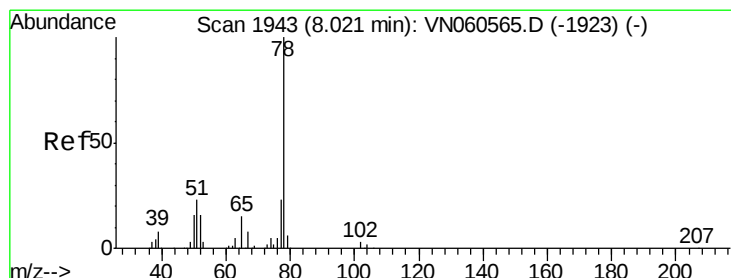
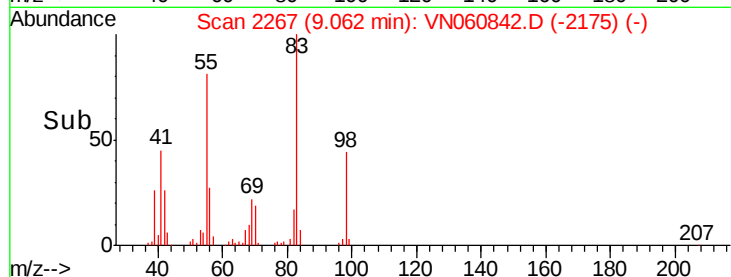
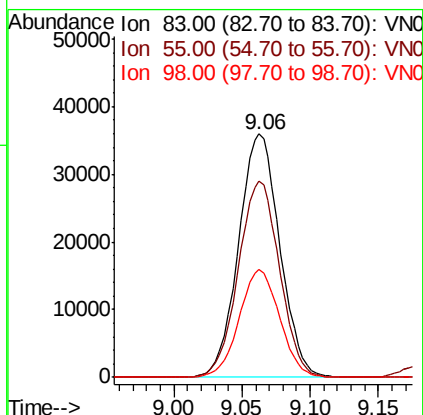
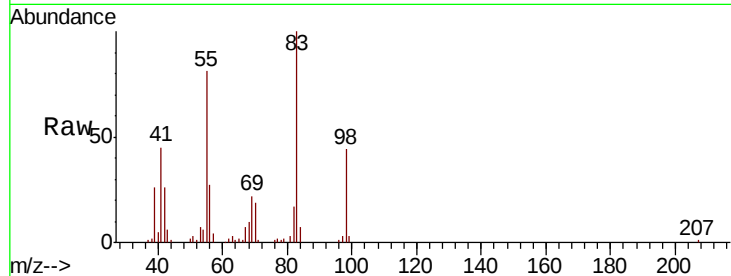




#39
Methylvlcvclohexane
Concen: 19.543 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

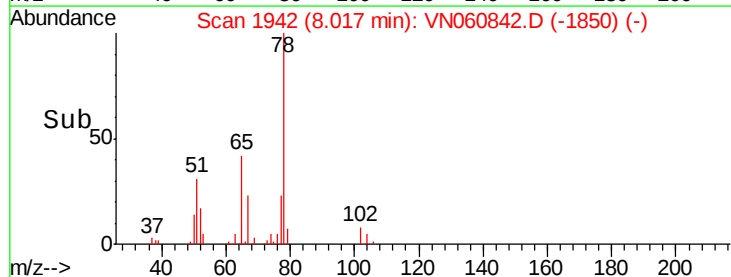
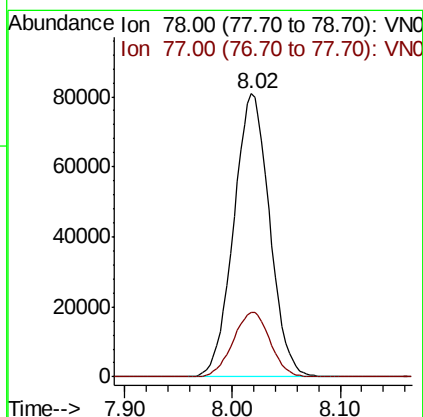
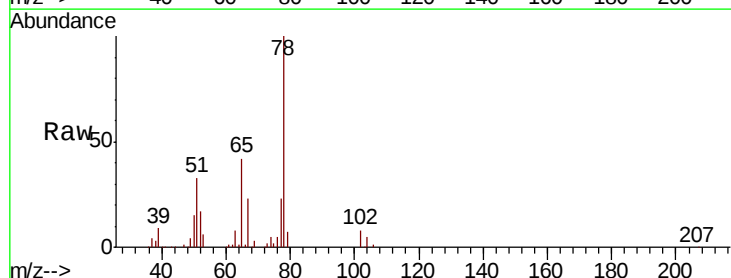
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

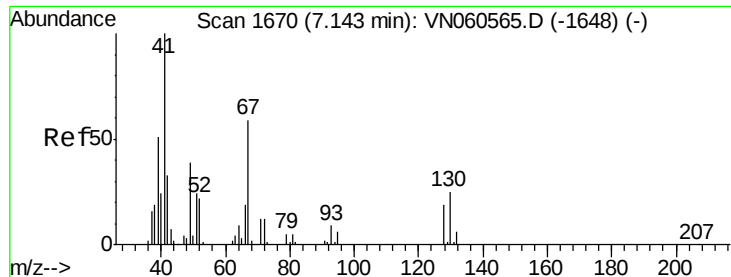
Tot Ion: 83 Resp: 75321
Ion Ratio Lower Upper
83 100
55 80.6 63.6 95.4
98 44.2 36.0 54.0



#40
Benzene
Concen: 19.125 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 78 Resp: 187246
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

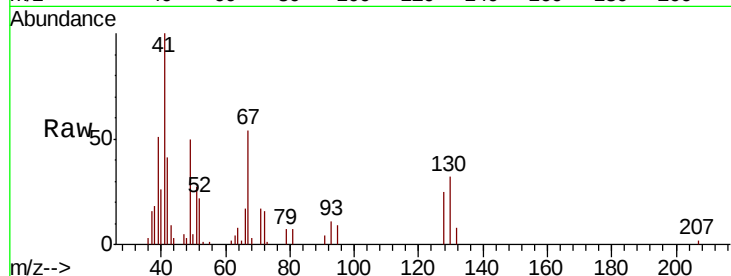




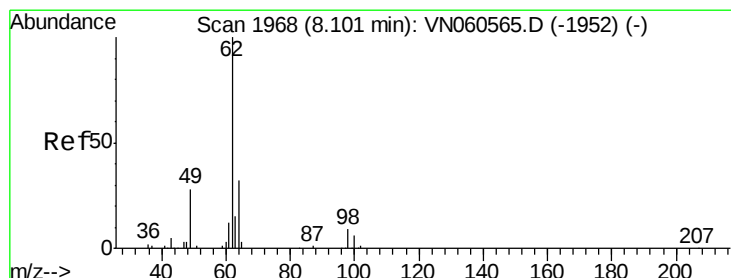
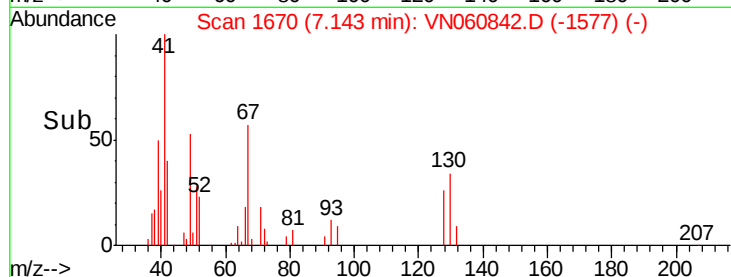
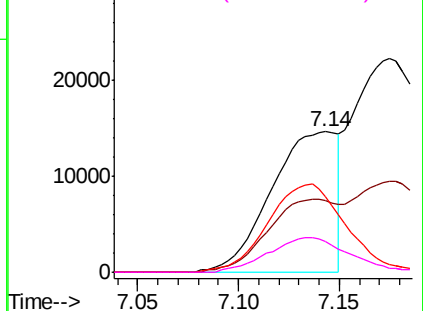
#41
Methacrylonitrile
Concen: 22.263 ug/l
RT: 7.14 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0406WBS01

Tot Ion:	41	Resp:	33295
Ion	Ratio	Lower	Upper
41	100		
39	53.4	0.0	0.0#
67	74.3	0.0	0.0#
52	30.1	0.0	0.0#

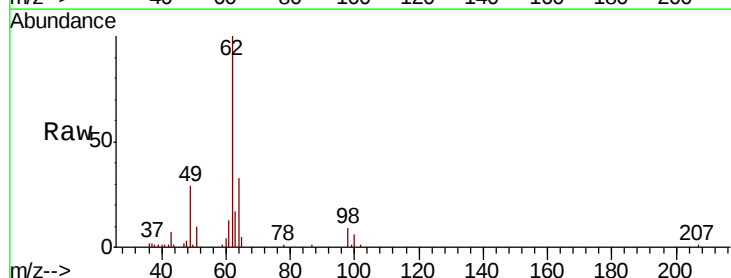


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

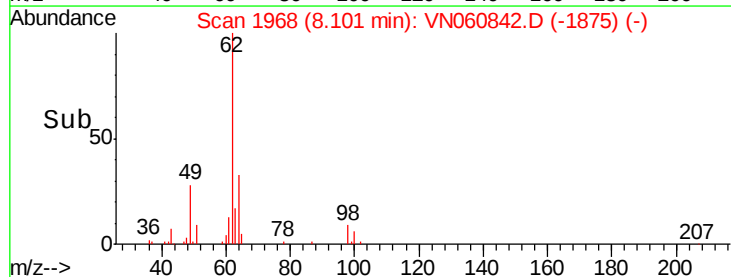
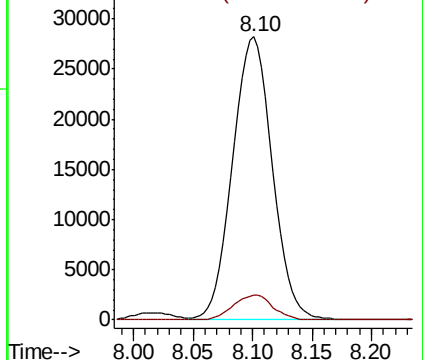


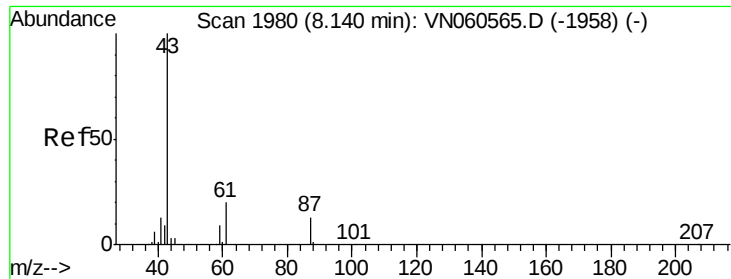
#42
1,2-Dichloroethane
Concen: 19.564 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion:	62	Resp:	65459
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 19.551 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0406WBS01

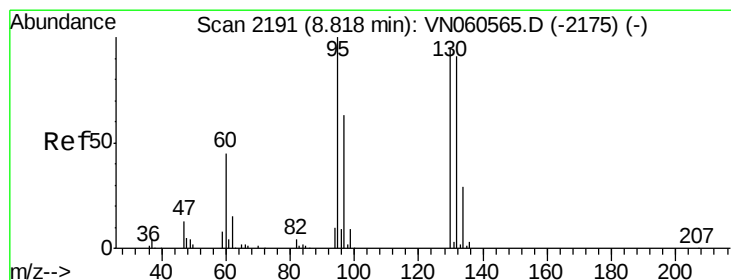
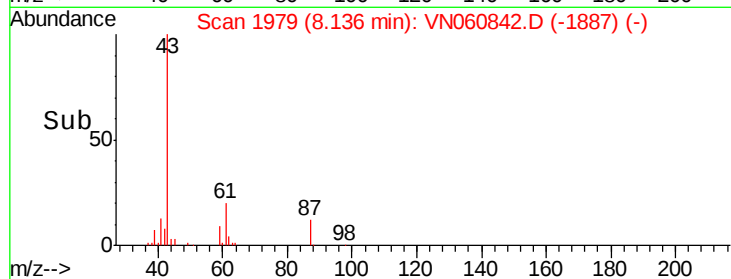
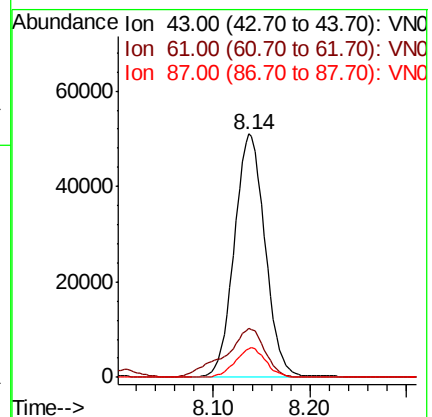
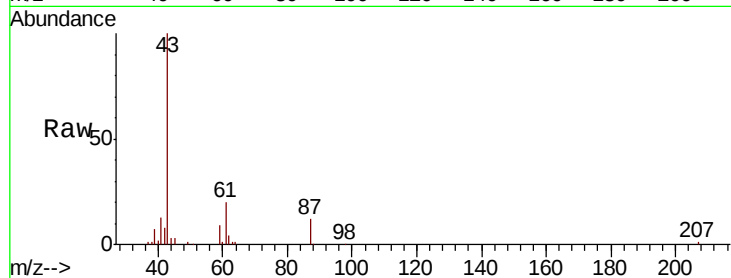
Tot Ion: 43 Resp: 112993

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

87 11.8 9.8 14.8



#44

Trichloroethene

Concen: 19.259 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060842.D

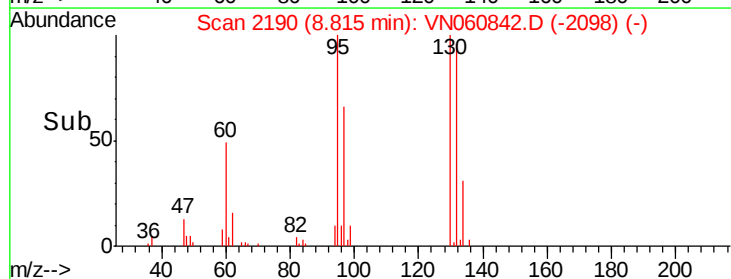
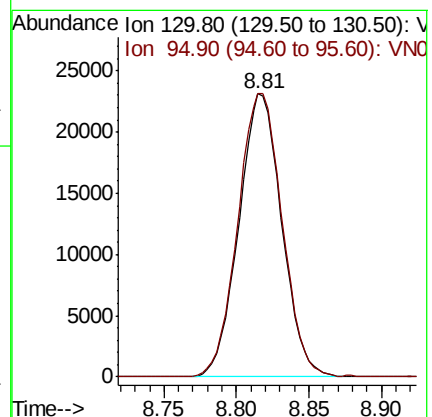
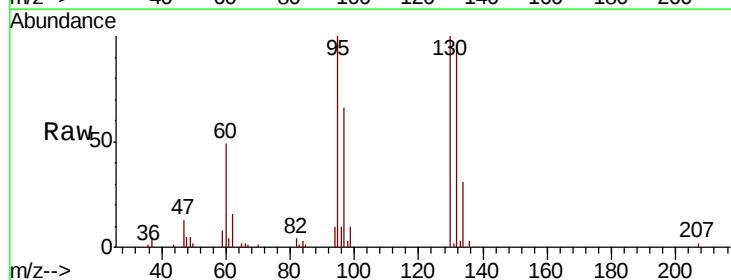
Acq: 6 Apr 2020 11:38

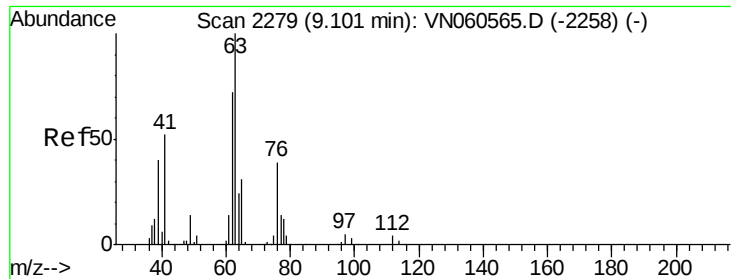
Tgt Ion: 130 Resp: 47531

Ion Ratio Lower Upper

130 100

95 100.0 0.0 211.2





#45

1,2-Dichloropropane

Concen: 20.003 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

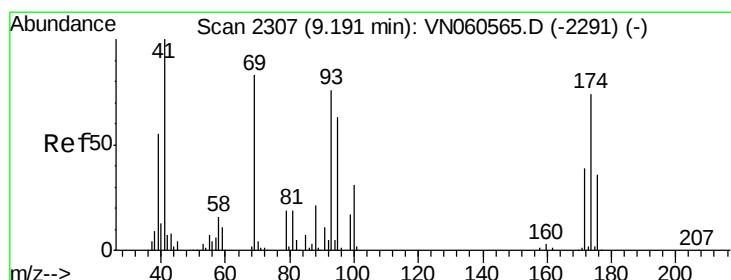
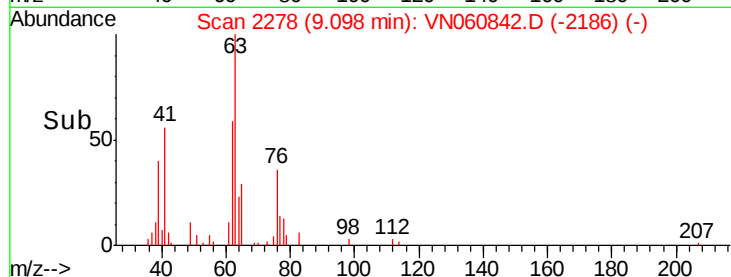
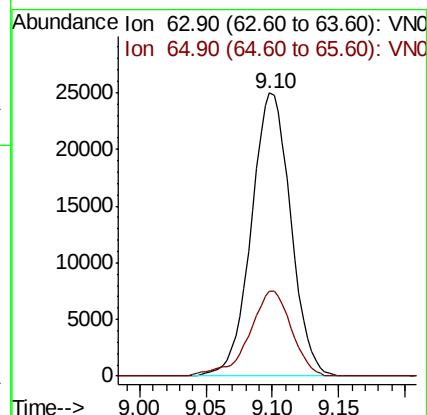
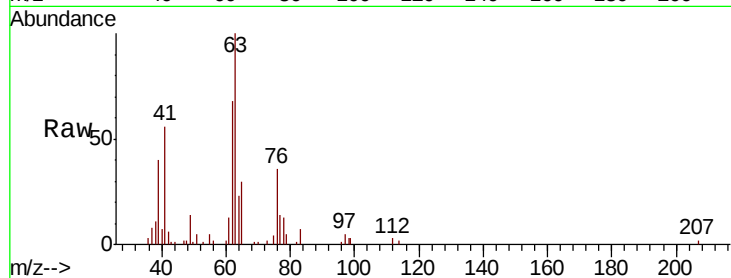
VN0406WBS01

Tot Ion: 63 Resp: 51674

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.0



#46

Dibromomethane

Concen: 19.243 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

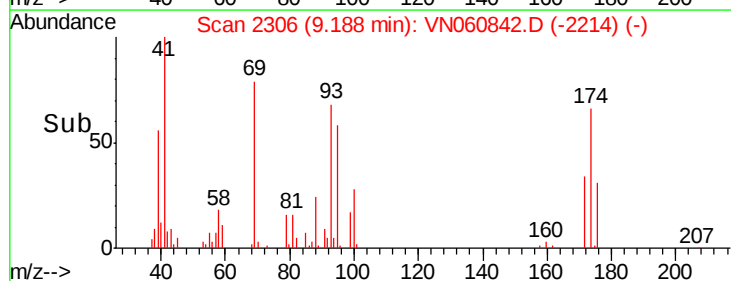
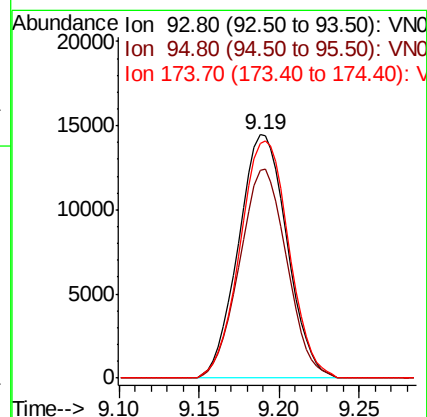
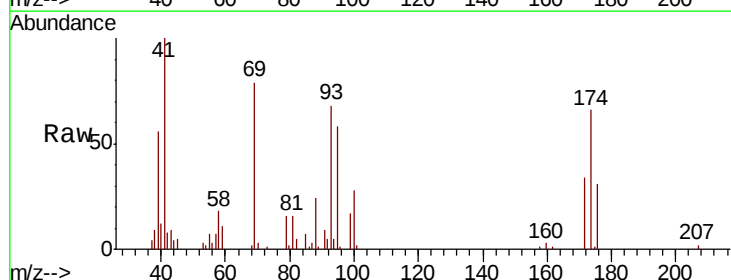
Tgt Ion: 93 Resp: 30053

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 97.9 77.9 116.9





#47

Bromodichloromethane

Concen: 19.541 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBS01

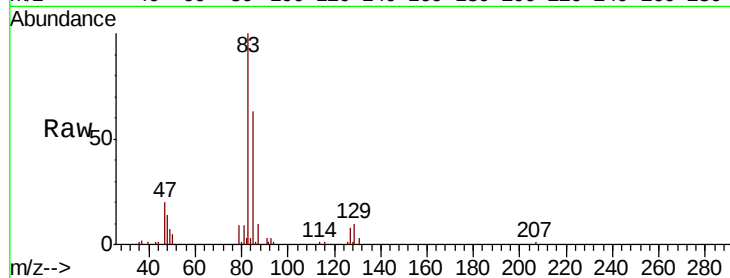
Tot Ion: 83 Resp: 63419

Ion Ratio Lower Upper

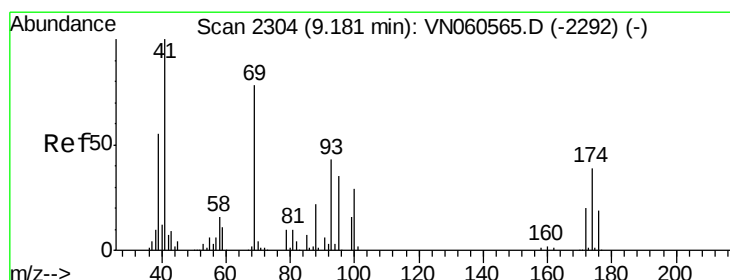
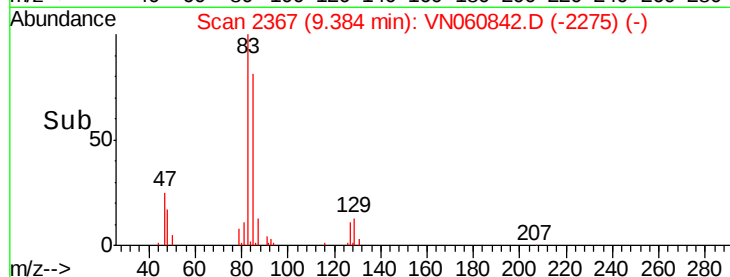
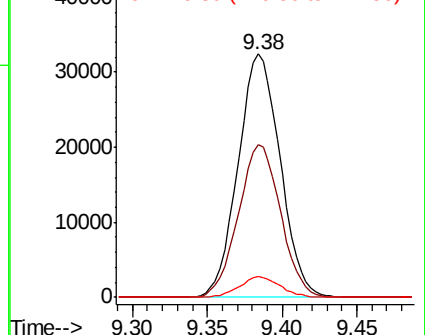
83 100

85 62.8 51.8 77.6

127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.801 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

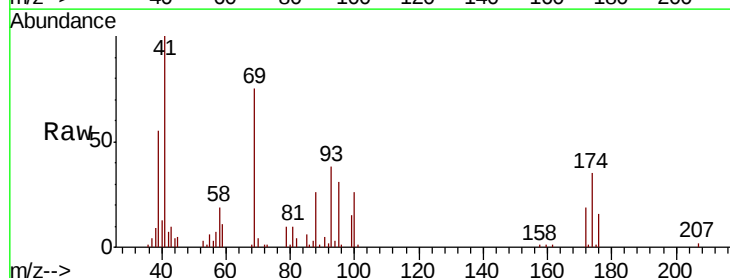
Tgt Ion: 41 Resp: 48378

Ion Ratio Lower Upper

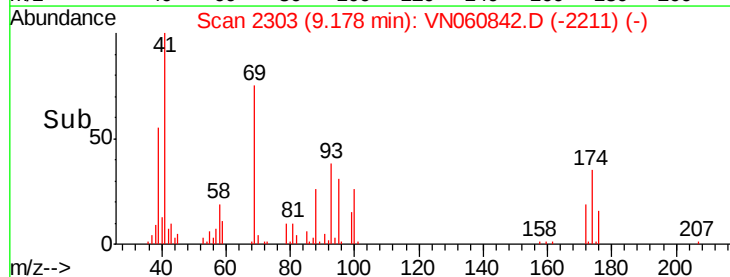
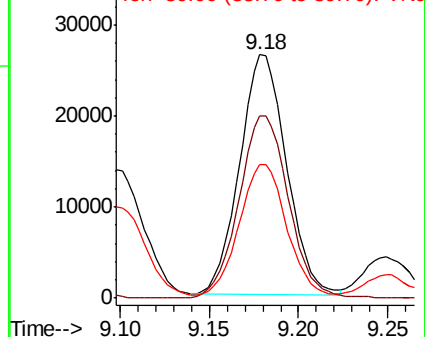
41 100

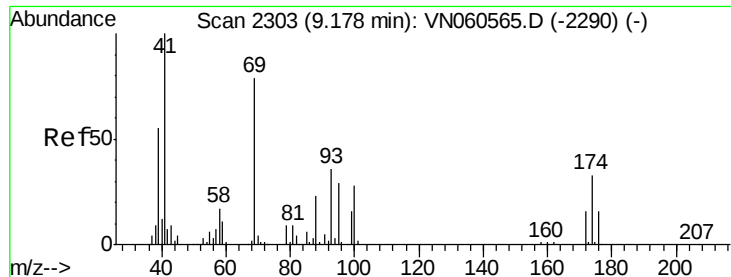
69 80.1 65.4 98.0

39 54.6 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

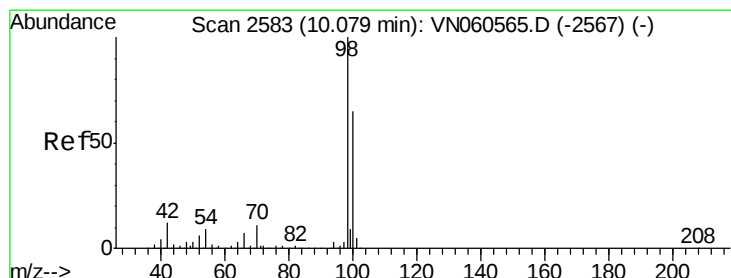
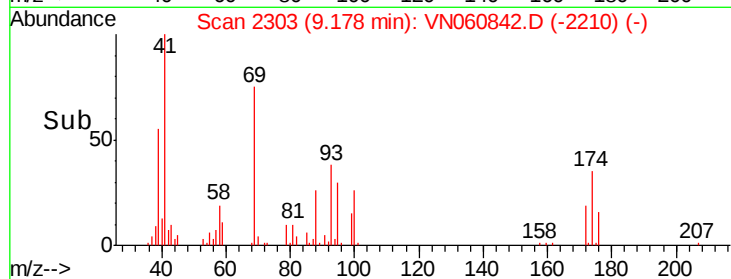
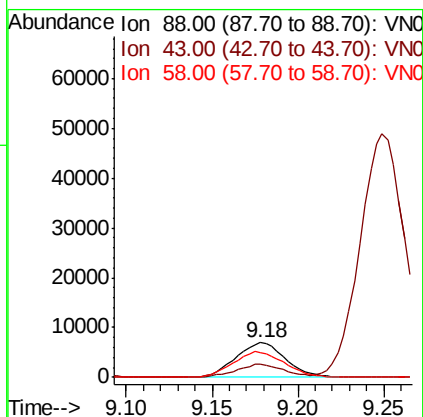
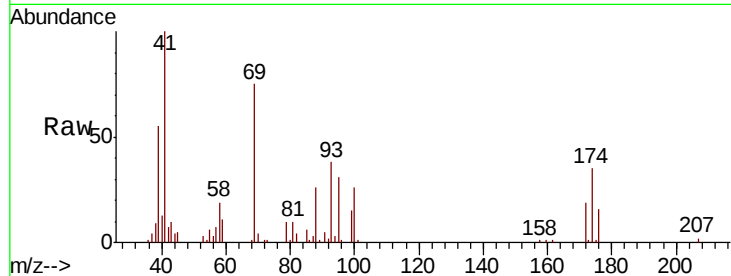




#49
1,4-Dioxane
Concen: 455.687 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

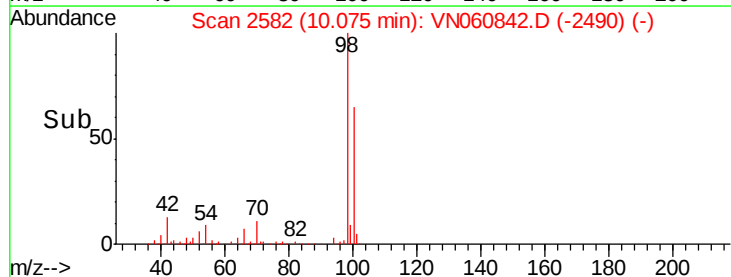
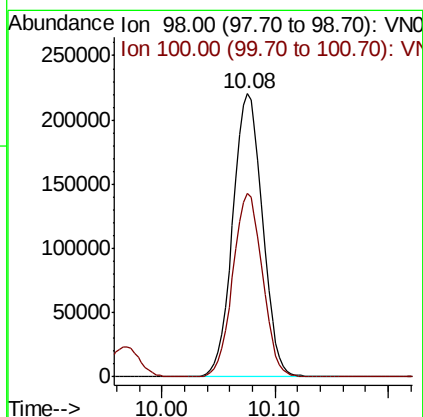
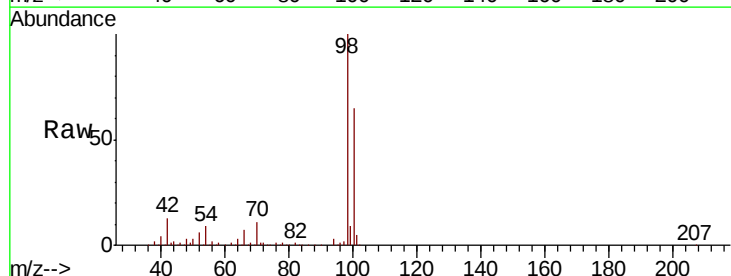
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

Tot Ion: 88 Resp: 13937
Ion Ratio Lower Upper
88 100
43 36.2 30.8 46.2
58 75.5 59.8 89.8



#50
Toluene-d8
Concen: 48.754 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 98 Resp: 403311
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8

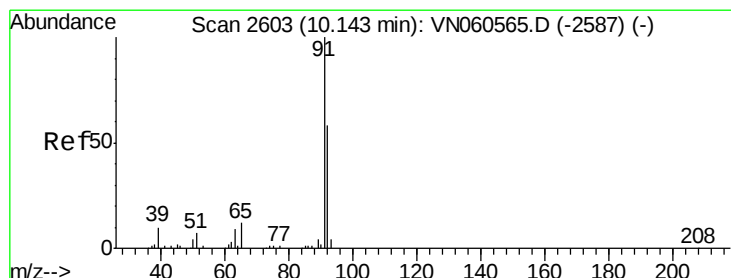
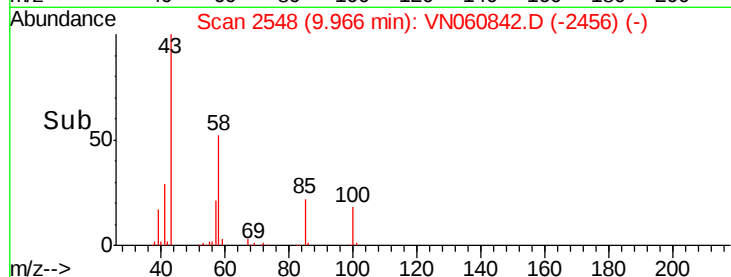
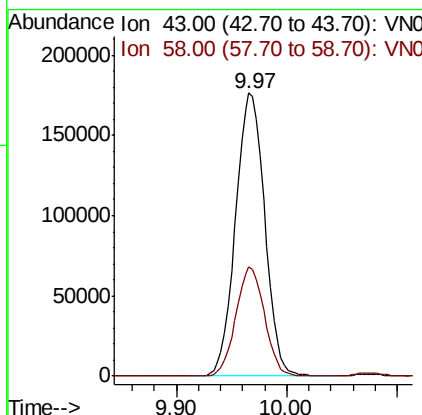
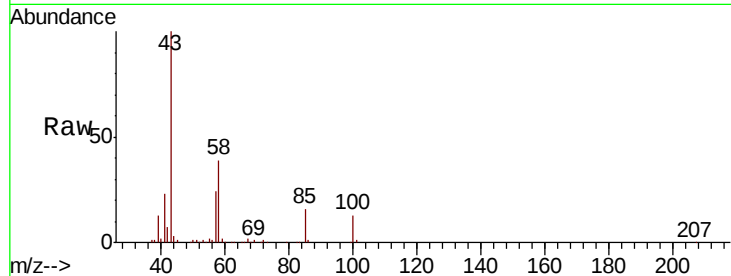




#51
 4-Methyl-2-Pentanone
 Concen: 98.236 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

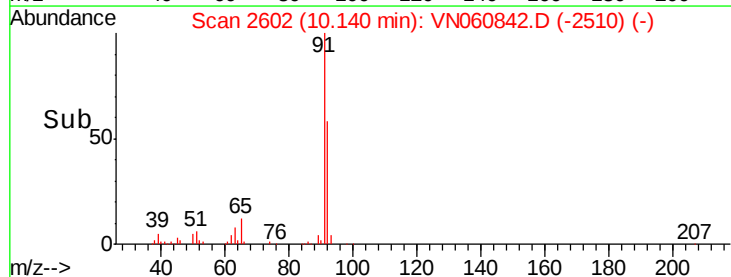
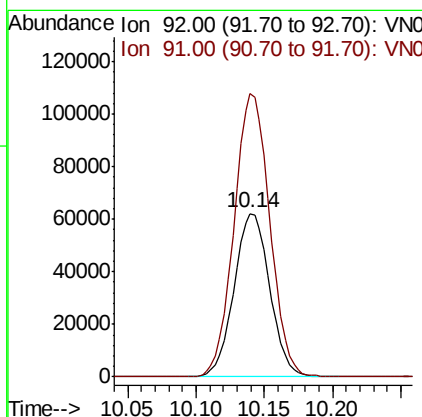
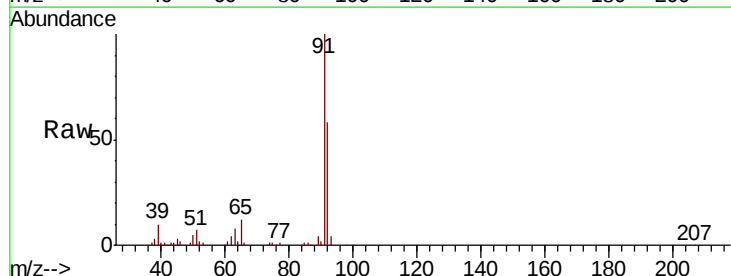
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0406WBS01

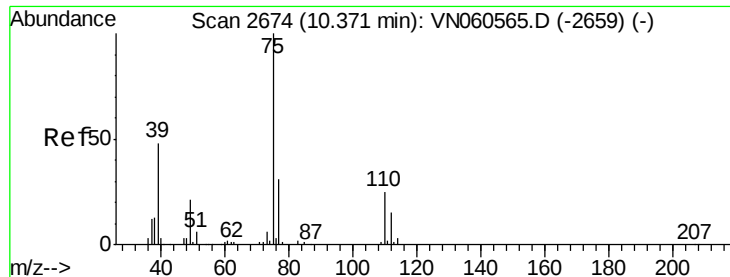
Tot Ion: 43 Resp: 323067
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.8 46.2



#52
 Toluene
 Concen: 19.056 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion: 92 Resp: 112673
 Ion Ratio Lower Upper
 92 100
 91 173.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.925 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

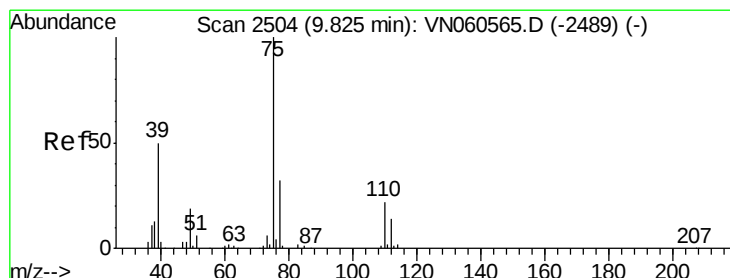
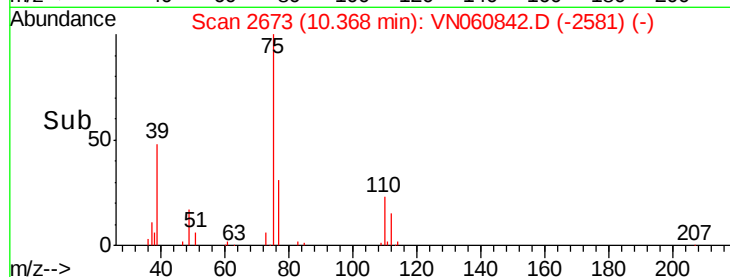
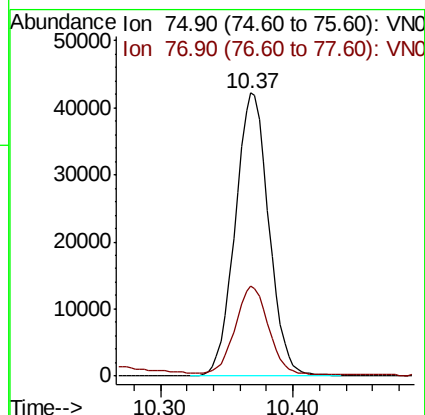
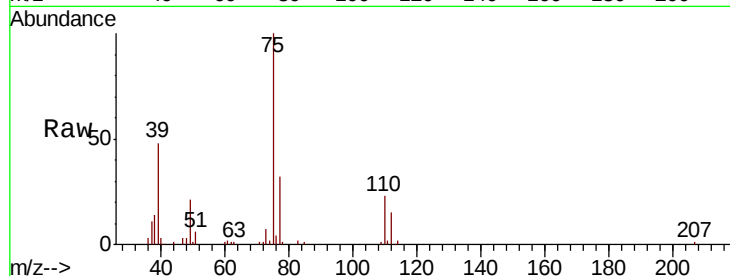
VN0406WBS01

Tot Ion: 75 Resp: 74278

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.510 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

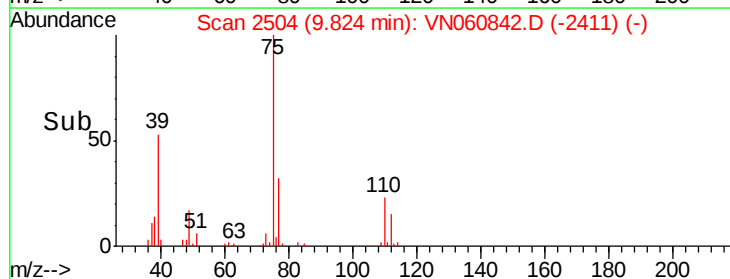
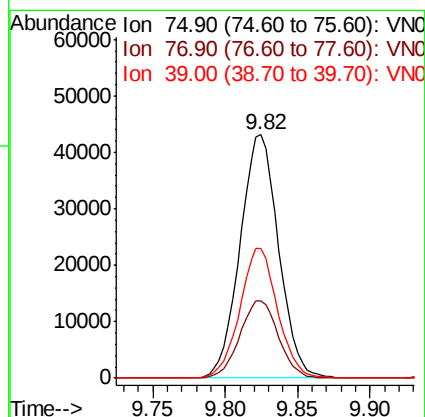
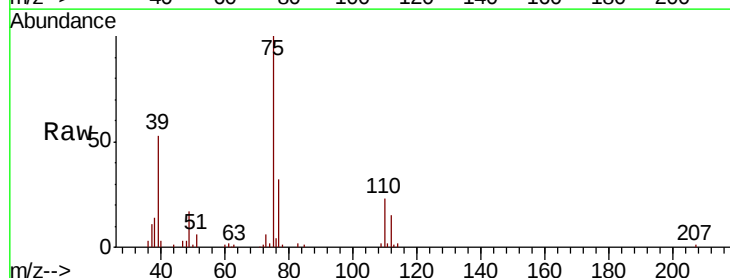
Tgt Ion: 75 Resp: 79790

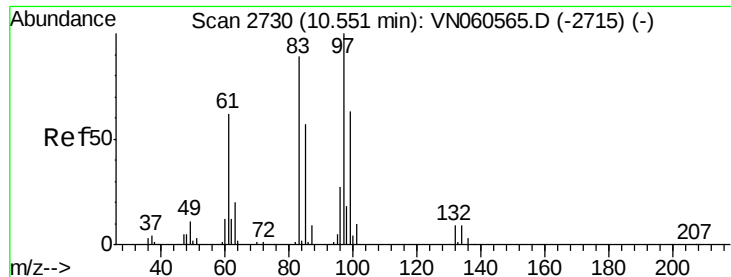
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 53.3 40.2 60.4

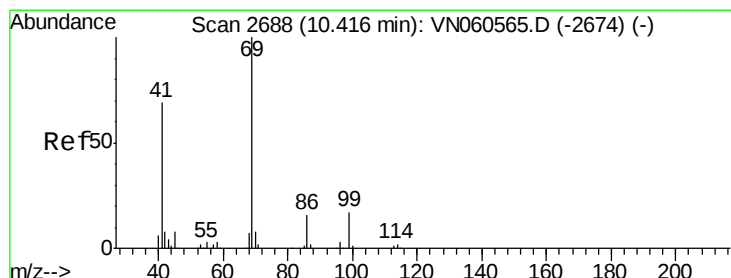
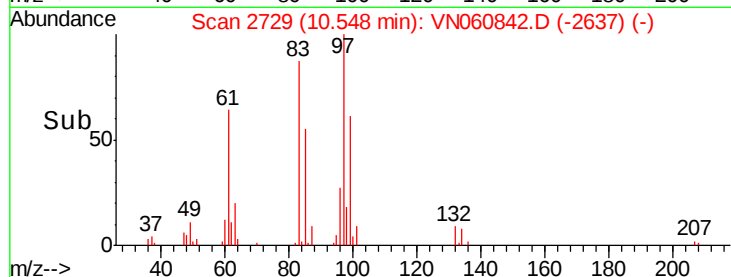
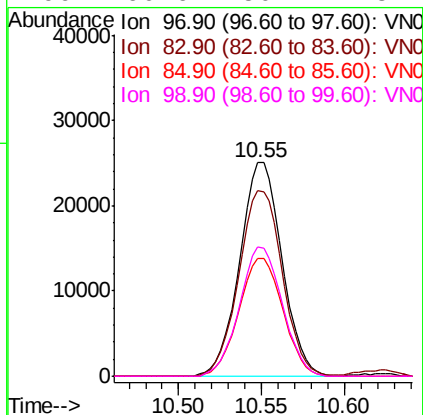
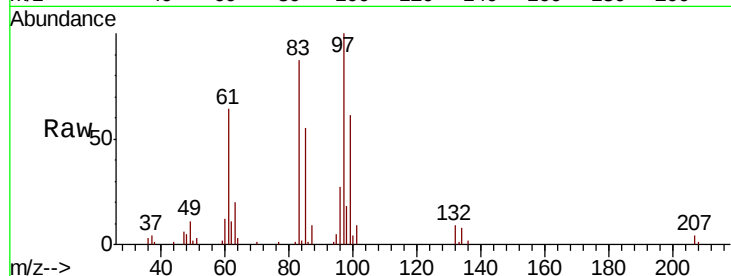




#55
 1,1,2-Trichloroethane
 Concen: 19.570 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

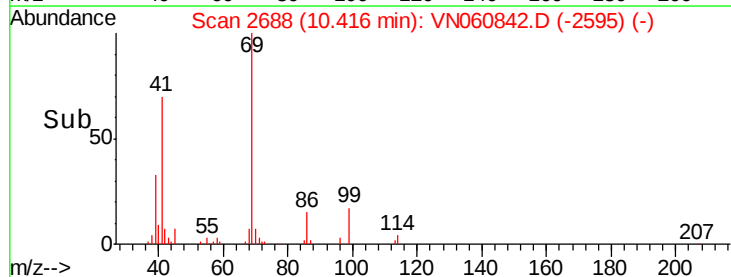
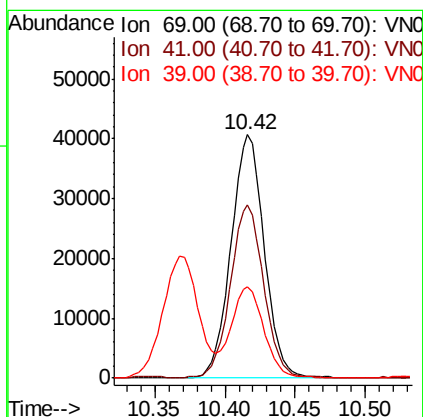
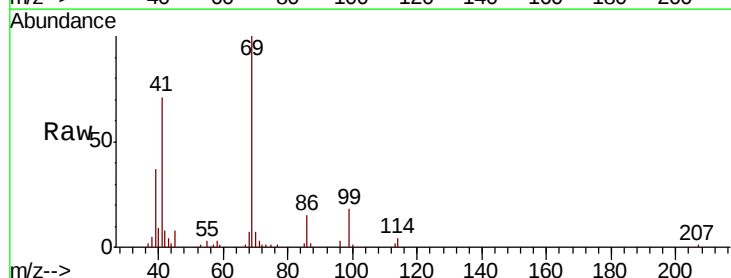
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

Tot Ion	97	Resp	44517
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.3	106.9
85	55.4	45.2	67.8
99	60.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.881 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion	69	Resp	66968
Ion	Ratio	Lower	Upper
69	100		
41	72.0	55.4	83.2
39	37.2	29.4	44.0

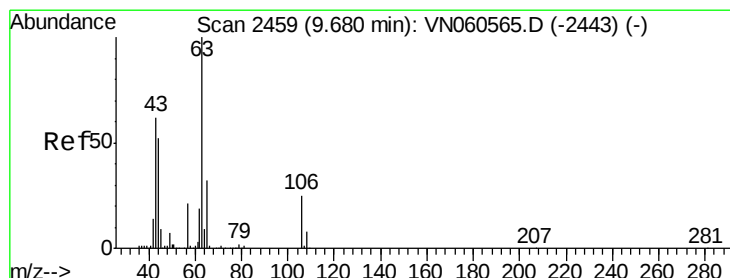
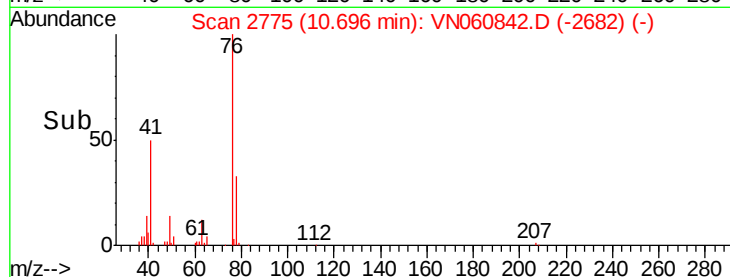
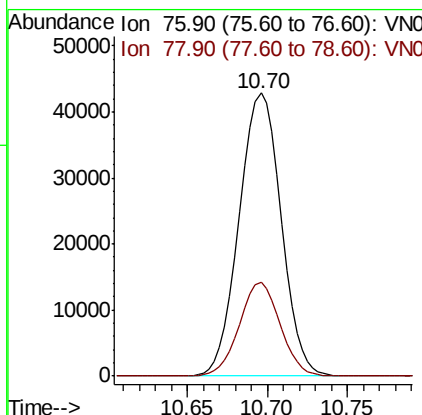
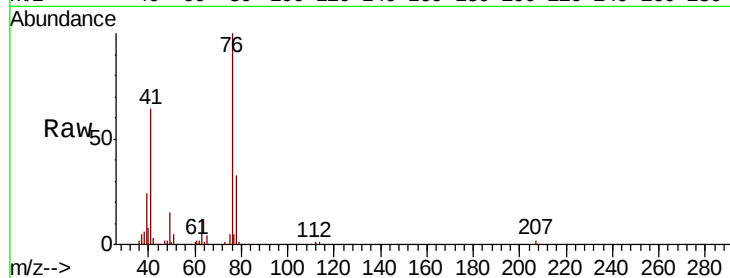




#57
 1,3-Dichloropropane
 Concen: 19.458 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

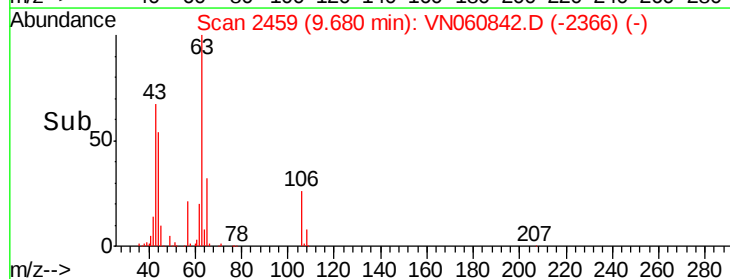
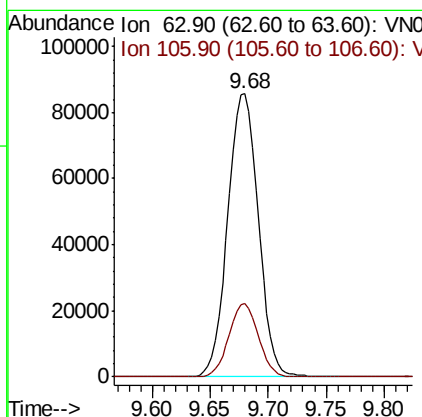
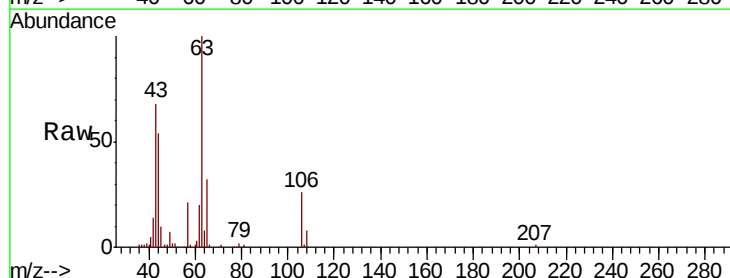
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

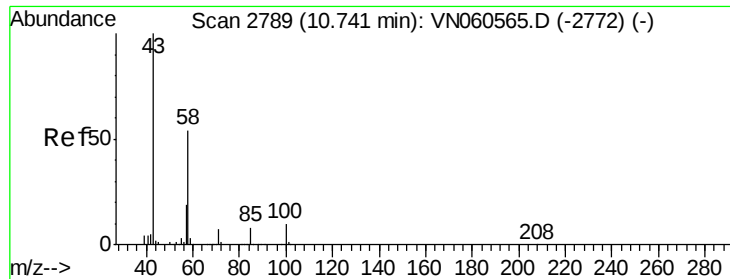
Tot Ion: 76 Resp: 76807
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.040 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion: 63 Resp: 156960
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.0 30.0

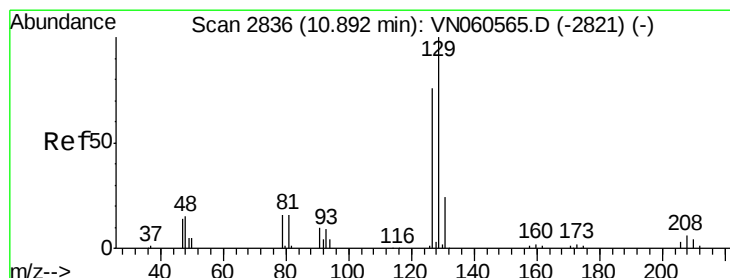
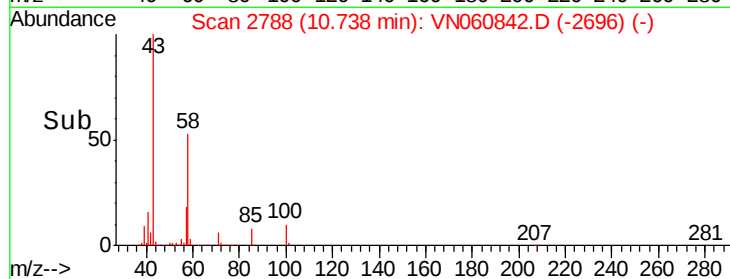
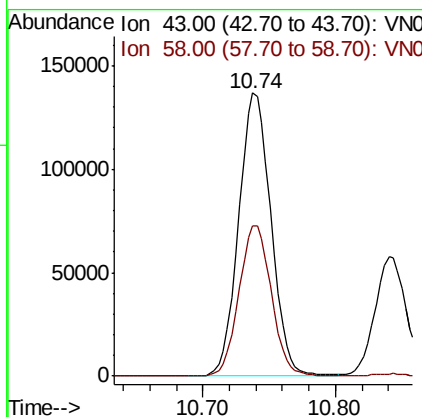
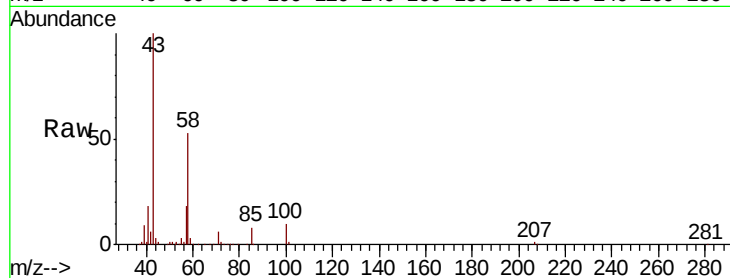




#59
2-Hexanone
Concen: 97.889 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

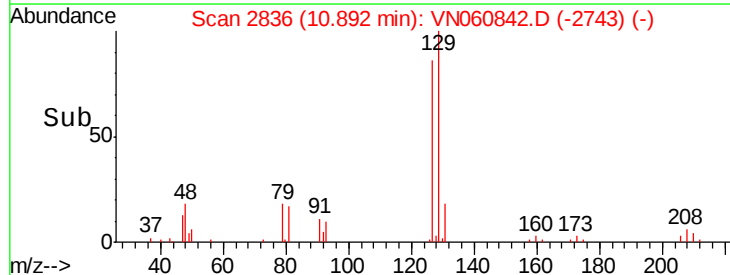
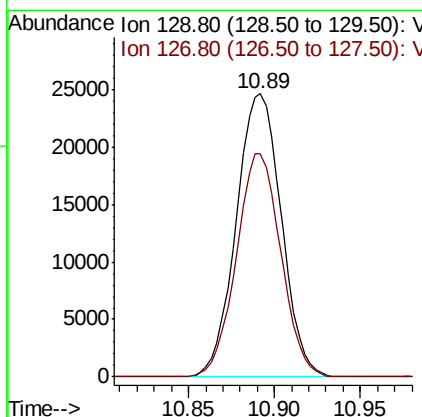
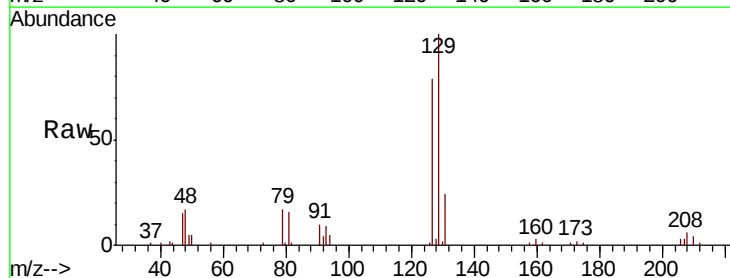
Instrument :
MSVOA_N
ClientSampled :
VN0406WBS01

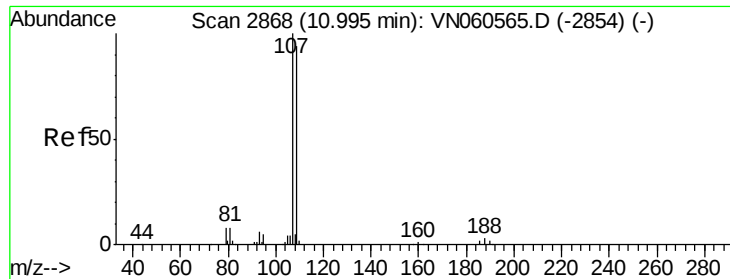
Tot Ion: 43 Resp: 231900
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 19.125 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 129 Resp: 44938
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

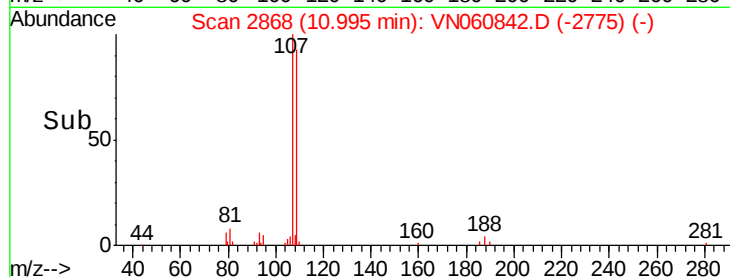
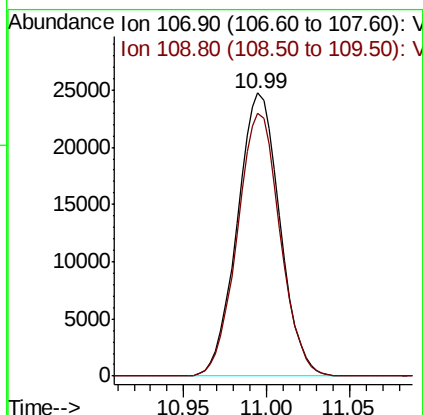
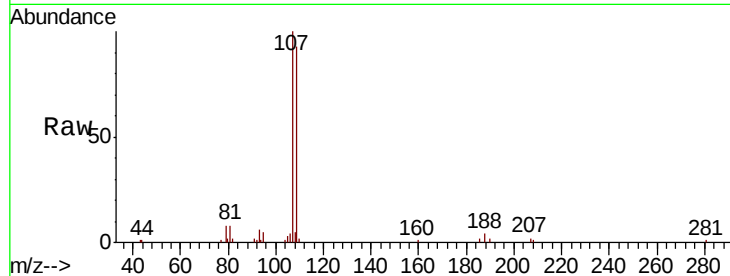




#61
 1,2-Dibromoethane
 Concen: 19.338 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

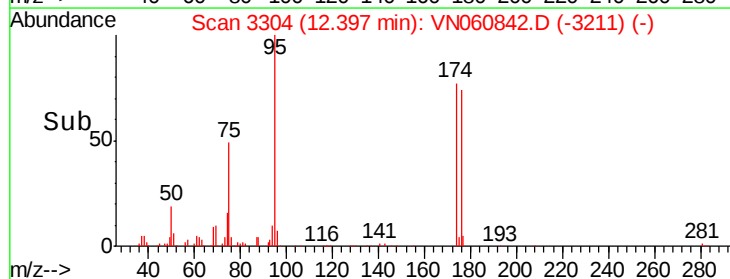
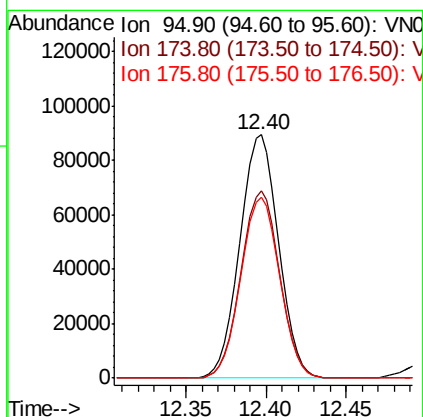
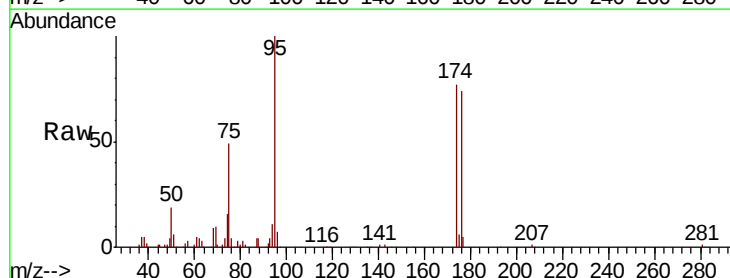
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

Tot Ion:107 Resp: 44232
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.589 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion: 95 Resp: 147307
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 157.6
 176 74.9 0.0 150.6

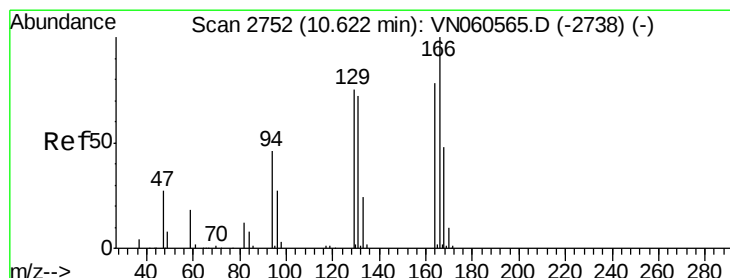
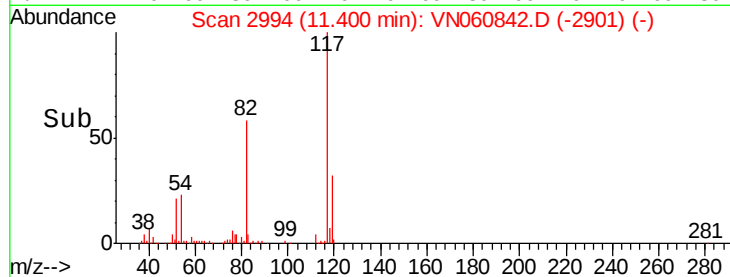
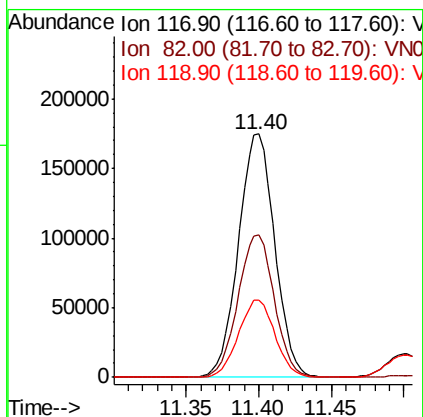
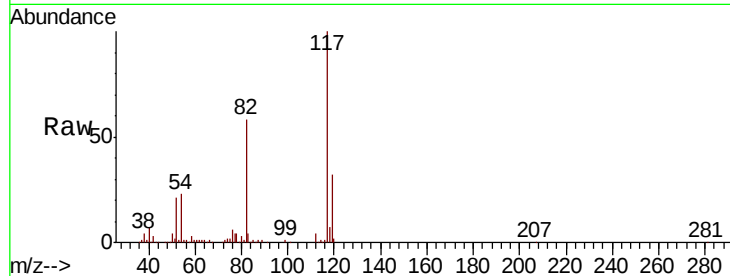




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

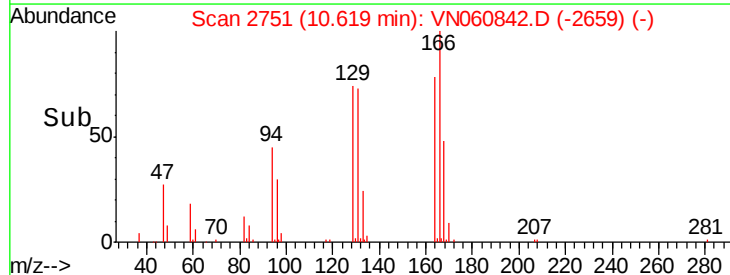
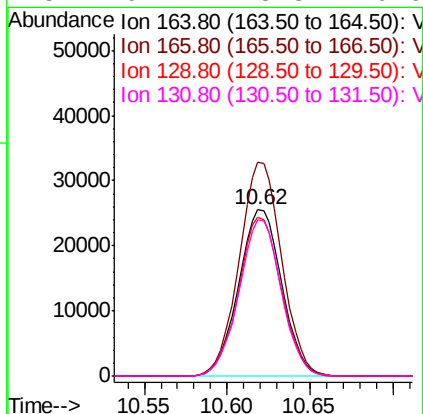
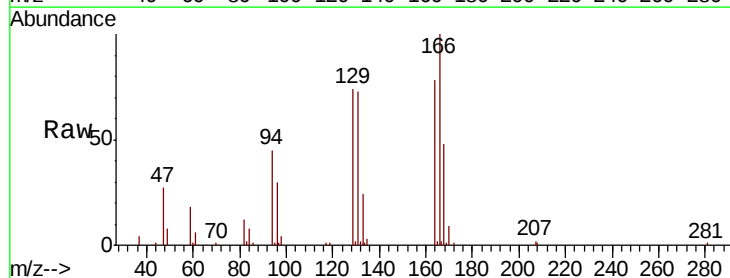
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

Tot Ion:117 Resp: 303766
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 19.294 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion:164 Resp: 46119
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 95.6 77.2 115.8
131 94.1 73.8 110.6





#65

Chlorobenzene

Concen: 19.096 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

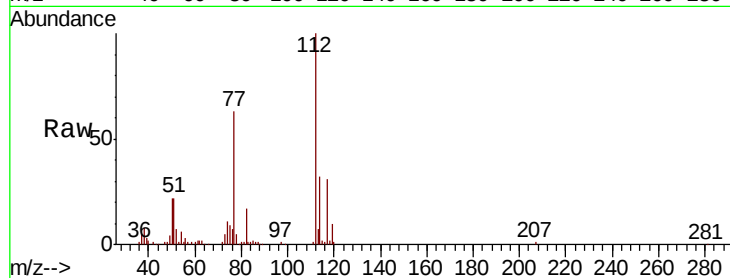
VN0406WBS01

Tot Ion:112 Resp: 114994

Ion Ratio Lower Upper

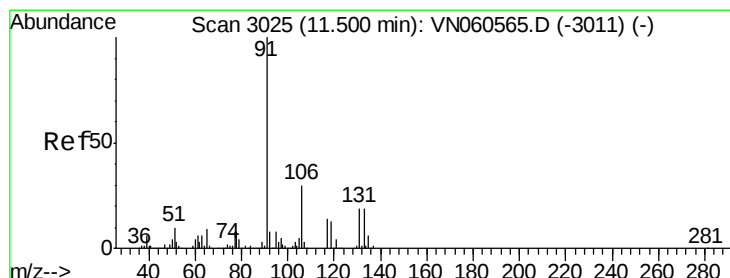
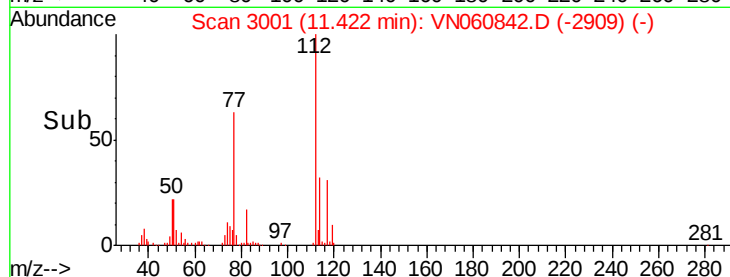
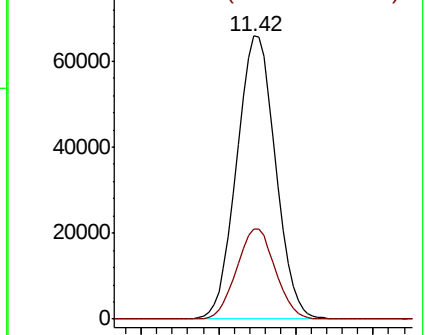
112 100

114 31.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.607 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

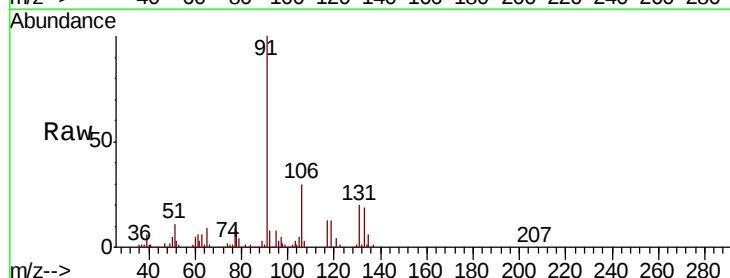
Tgt Ion:131 Resp: 42750

Ion Ratio Lower Upper

131 100

133 95.9 48.9 146.8

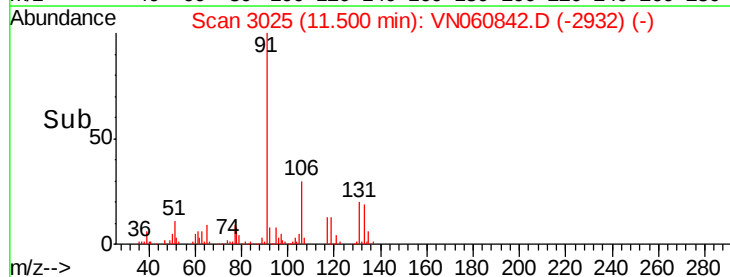
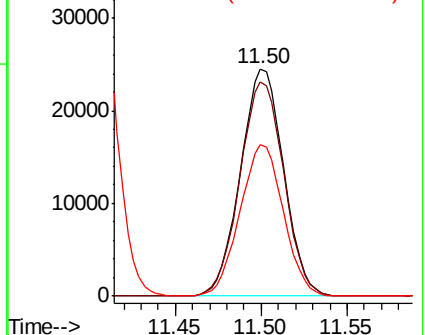
119 66.8 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.349 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

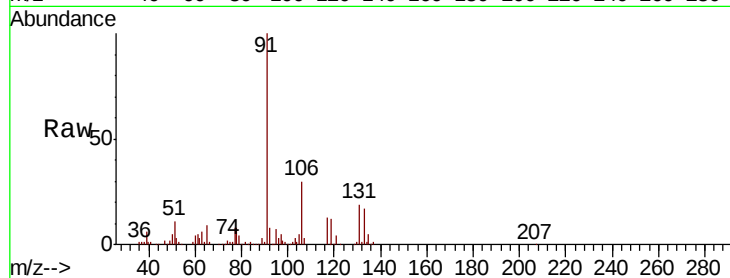
VN0406WBS01

Tot Ion: 91 Resp: 21685

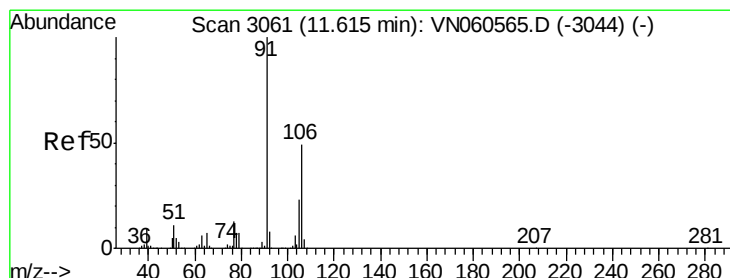
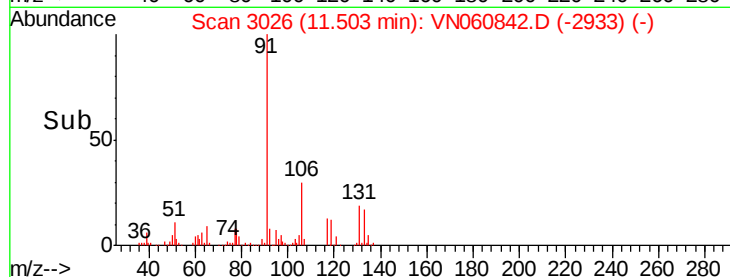
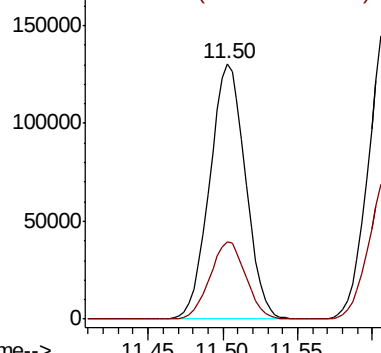
Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3011) (-)



#68

m/p-Xylenes

Concen: 38.206 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060842.D

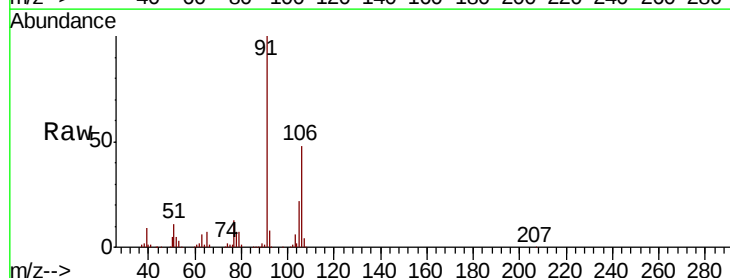
Acq: 6 Apr 2020 11:38

Tgt Ion: 106 Resp: 158991

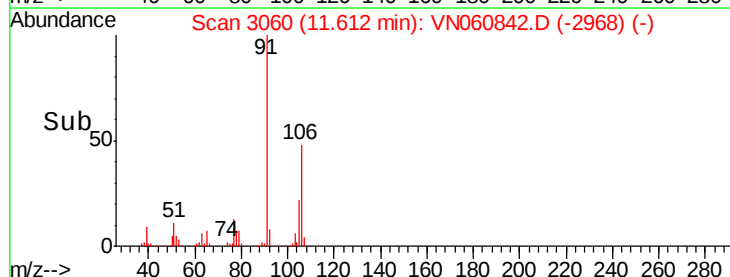
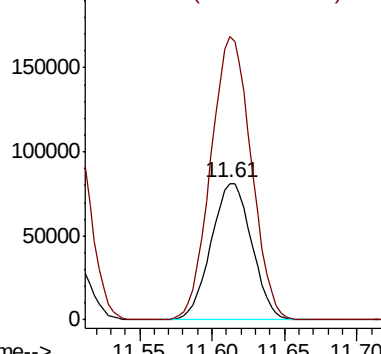
Ion Ratio Lower Upper

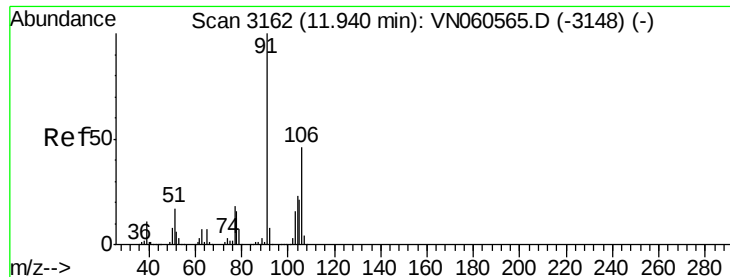
106 100

91 206.4 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060565.D (-3044) (-)

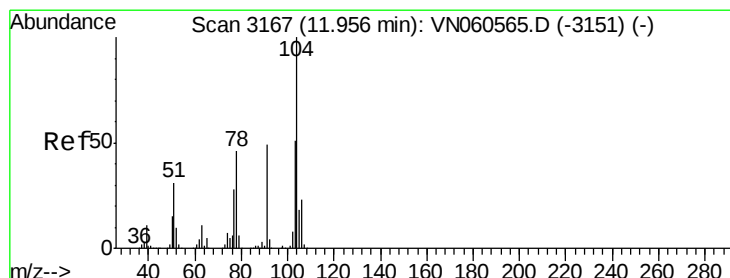
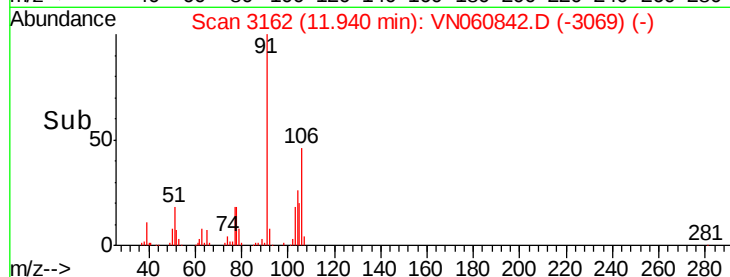
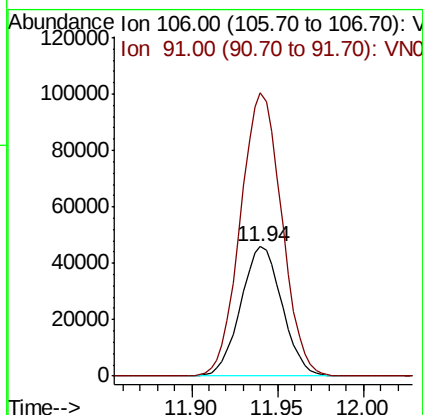
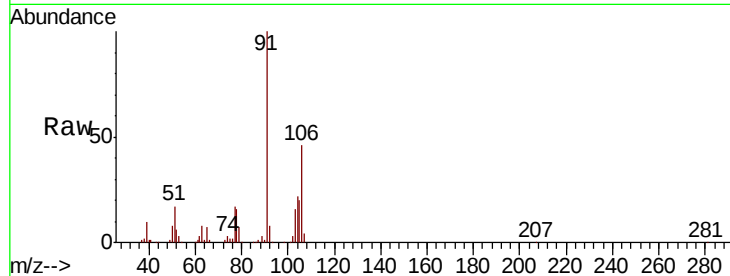




#69
o-Xylene
Concen: 19.240 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

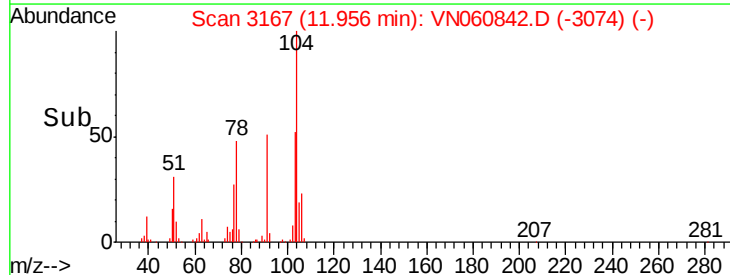
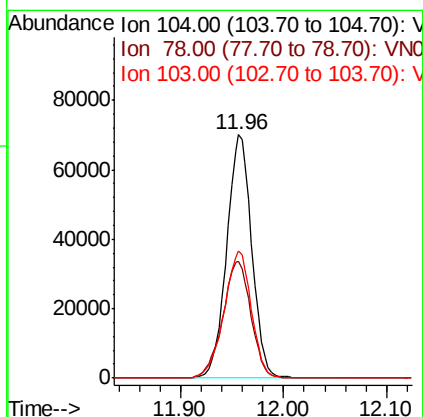
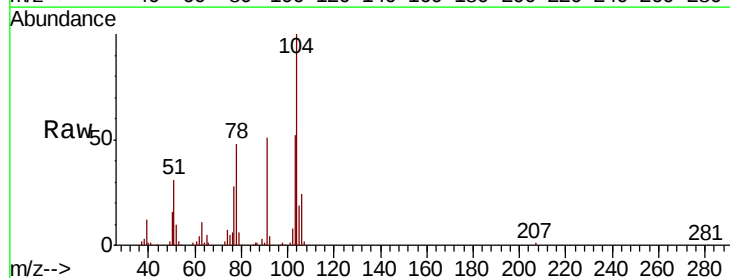
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

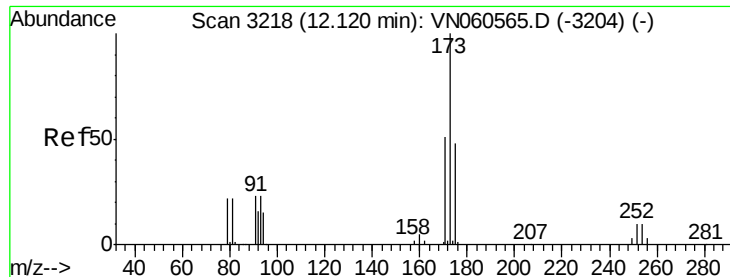
Tot Ion:106 Resp: 76431
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4



#70
Styrene
Concen: 18.284 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion:104 Resp: 118792
Ion Ratio Lower Upper
104 100
78 53.8 41.2 61.8
103 56.6 44.0 66.0

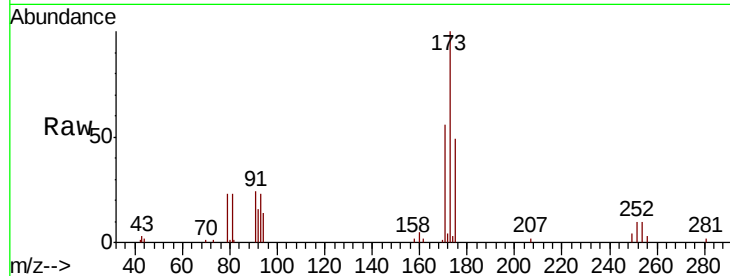




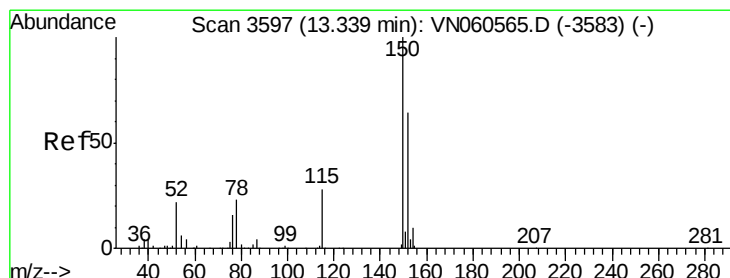
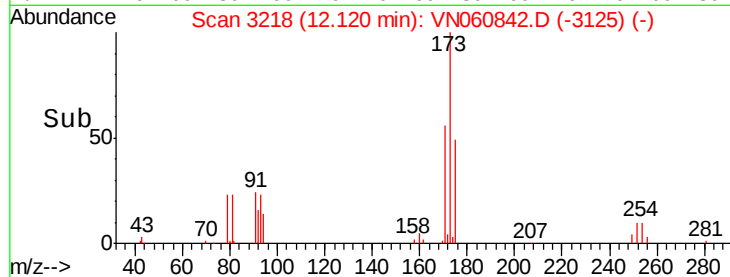
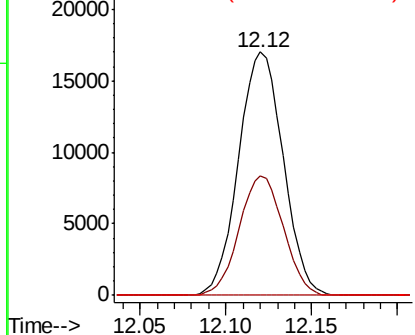
#71
Bromoform
Concen: 18.068 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

Tot Ion:173 Resp: 30729
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

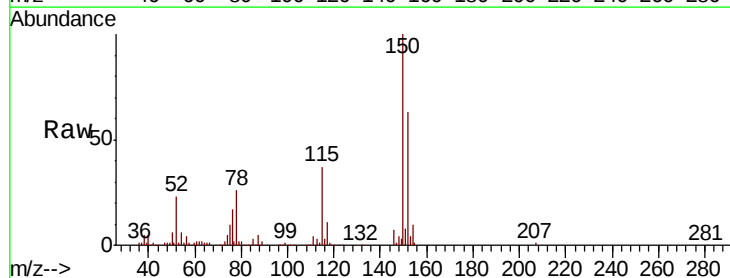


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

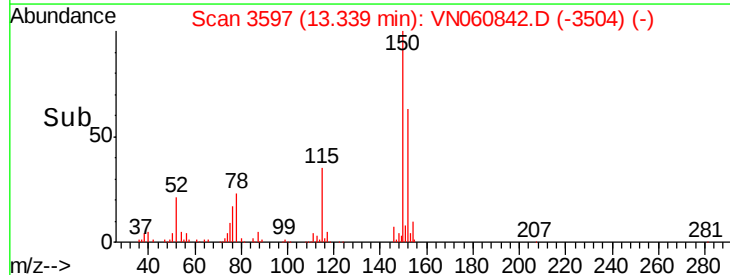
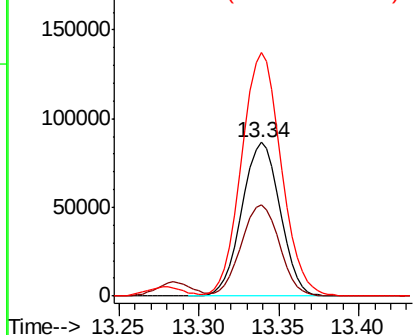


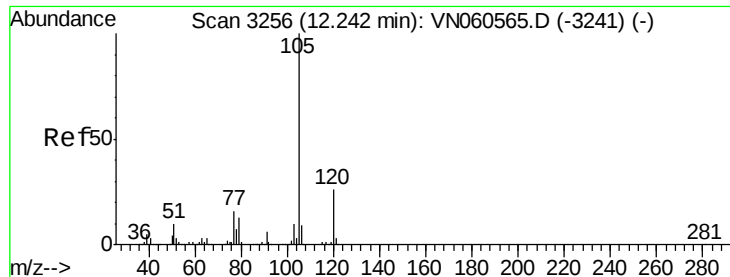
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion:152 Resp: 142025
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 163.5 0.0 350.2



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





#73

Isopropylbenzene

Concen: 19.294 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

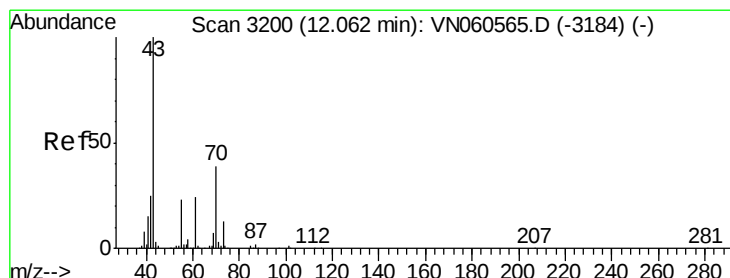
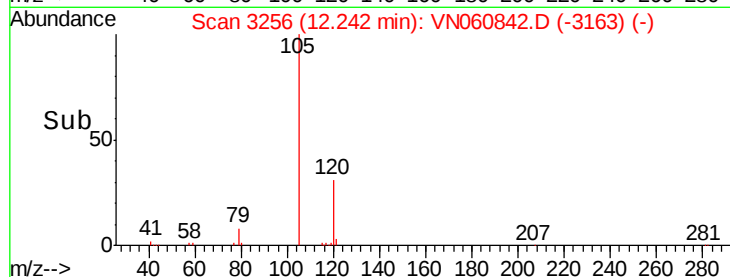
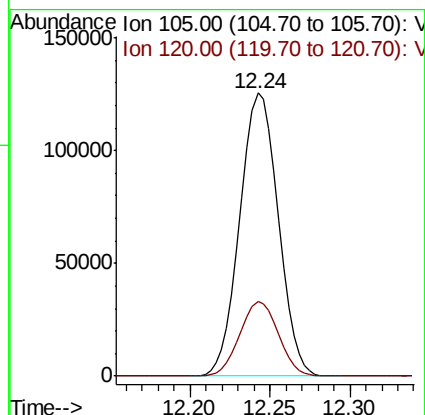
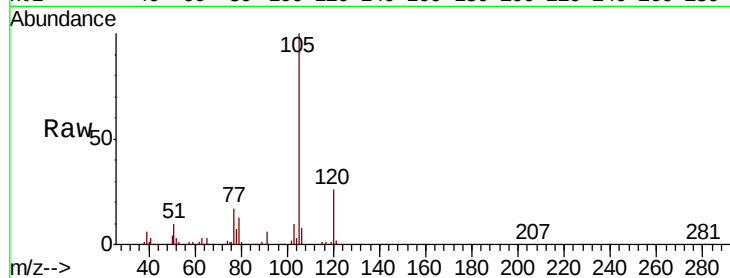
VN0406WBS01

Tot Ion:105 Resp: 205647

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 18.564 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Tgt Ion: 43 Resp: 91428

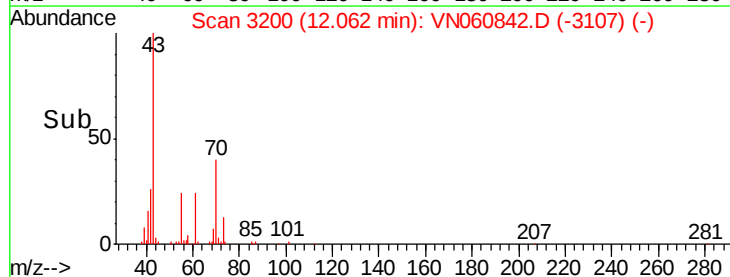
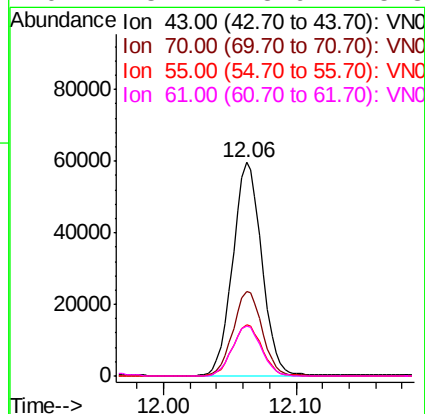
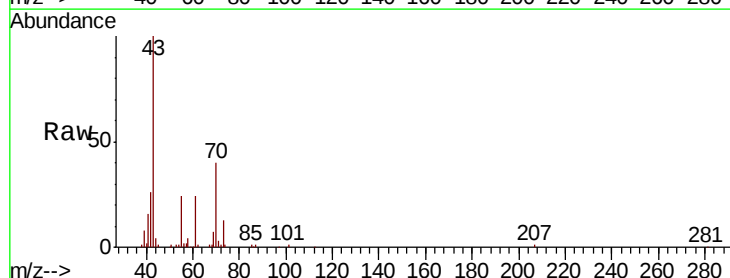
Ion Ratio Lower Upper

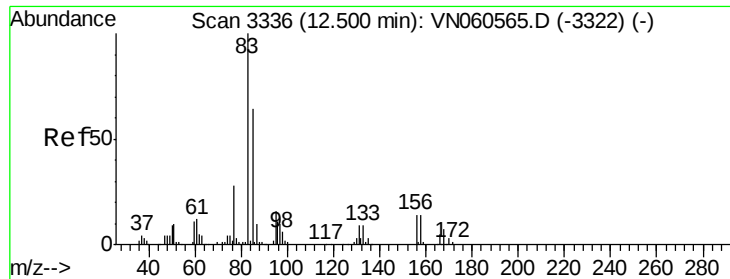
43 100

70 39.4 31.1 46.7

55 24.1 18.6 27.8

61 23.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.371 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0406WBS01

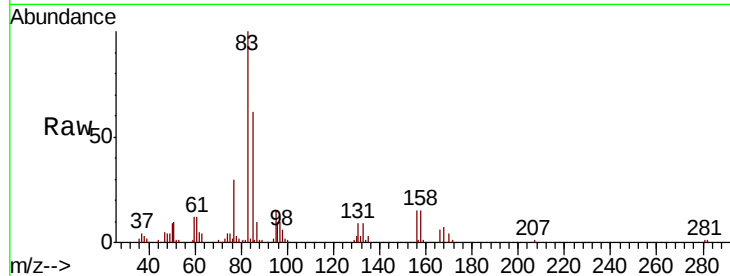
Tot Ion: 83 Resp: 62436

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

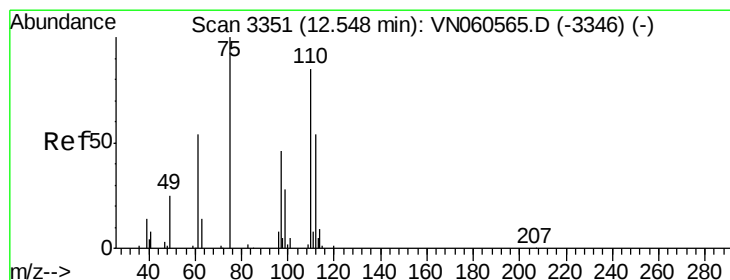
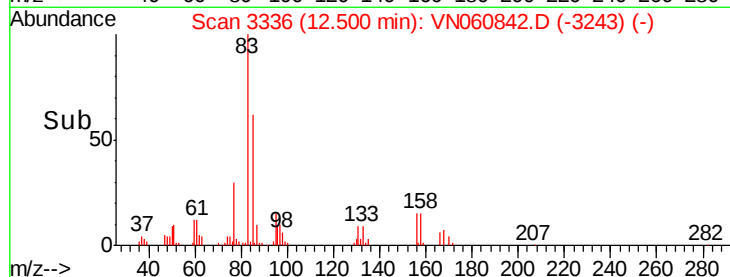
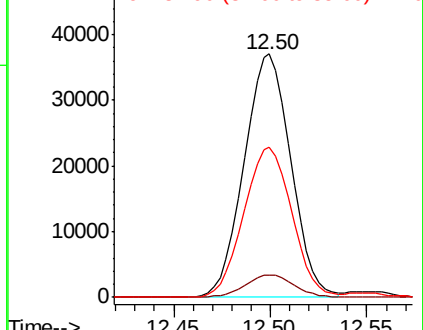
85 63.3 32.5 97.4



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



#76

1,2,3-Trichloropropane

Concen: 27.359 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060842.D

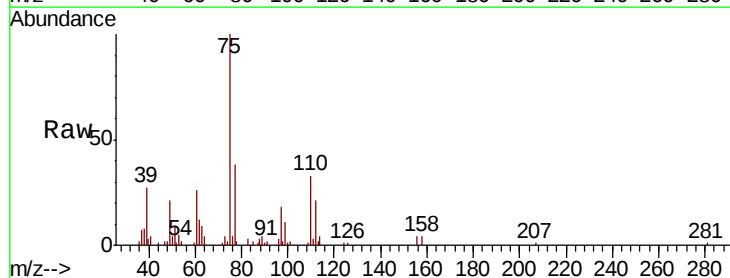
Acq: 6 Apr 2020 11:38

Tgt Ion: 75 Resp: 83845

Ion Ratio Lower Upper

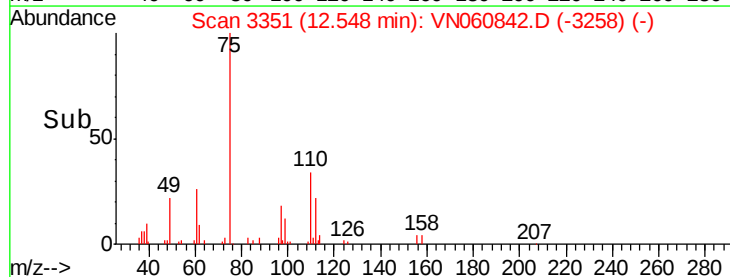
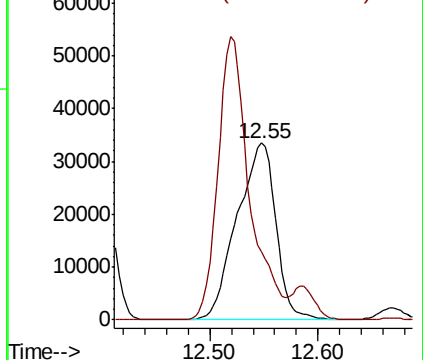
75 100

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





#77

Bromobenzene

Concen: 18.686 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBS01

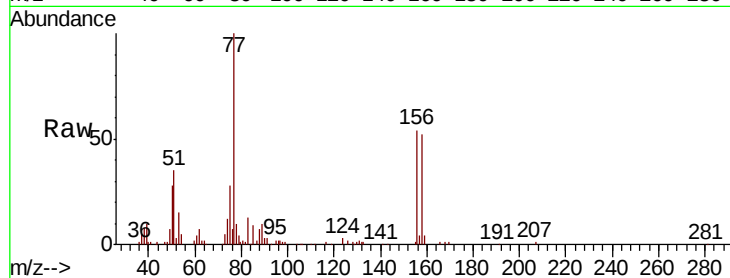
Tot Ion:156 Resp: 47992

Ion Ratio Lower Upper

156 100

77 226.8 112.3 337.0

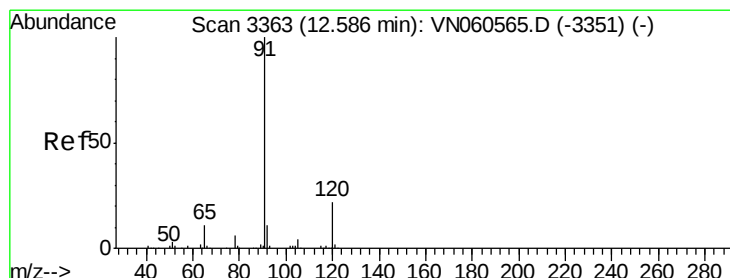
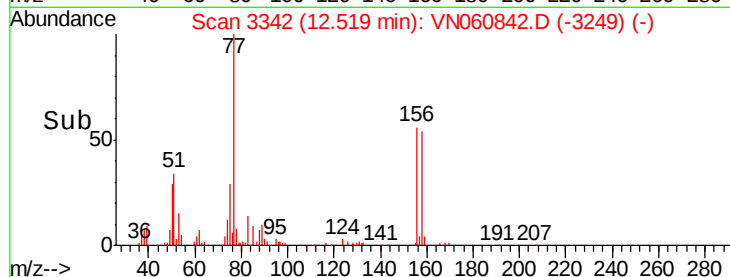
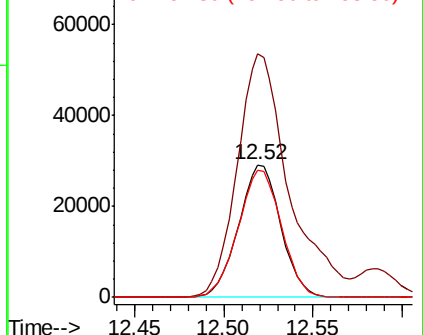
158 98.4 48.6 145.8



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: 19.228 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060842.D

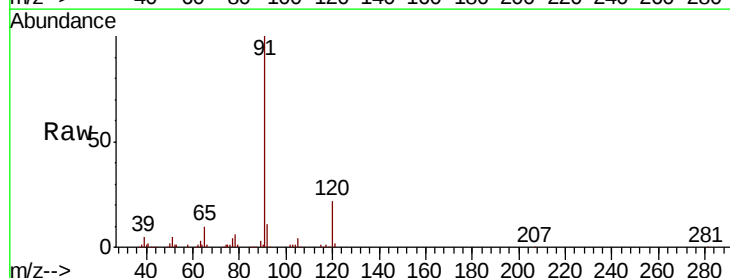
Acq: 6 Apr 2020 11:38

Tgt Ion: 91 Resp: 242118

Ion Ratio Lower Upper

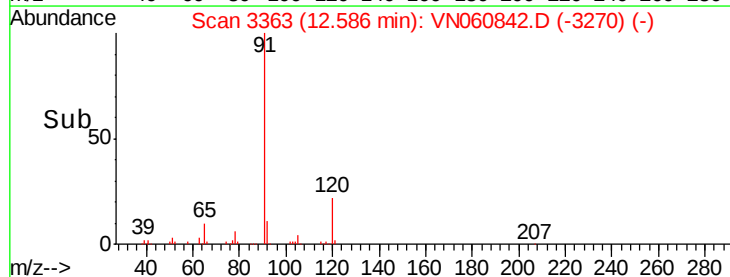
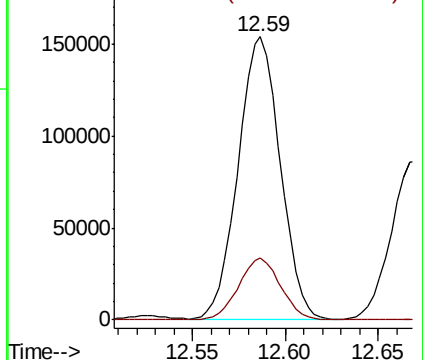
91 100

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

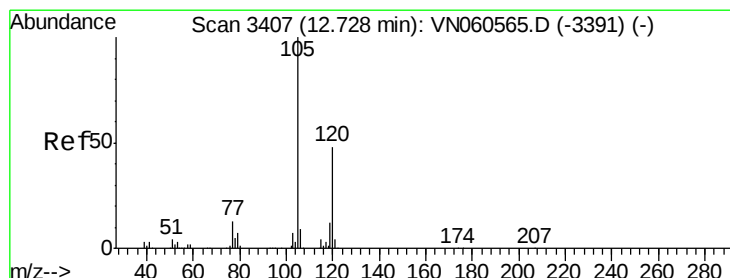
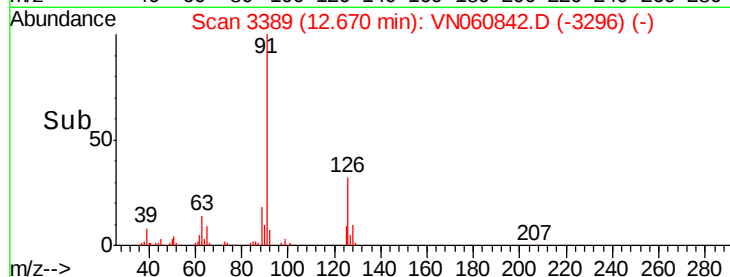
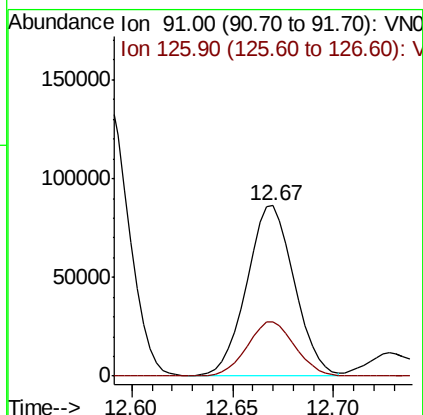
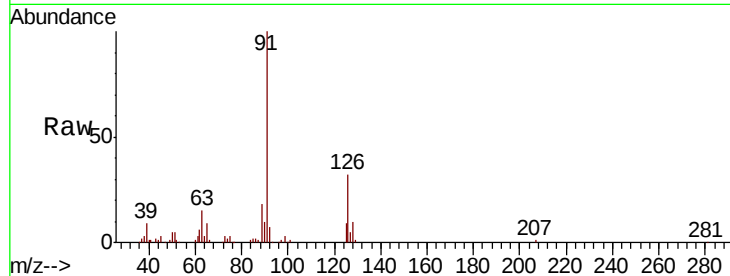




#79
 2-Chlorotoluene
 Concen: 18.872 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

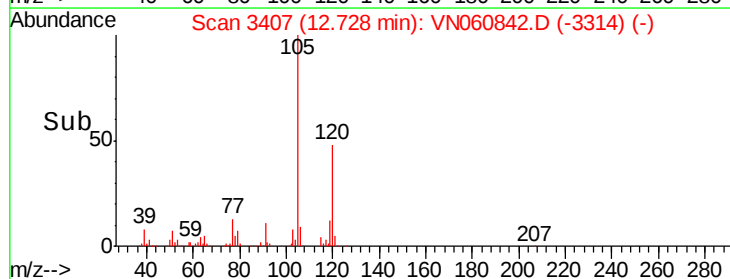
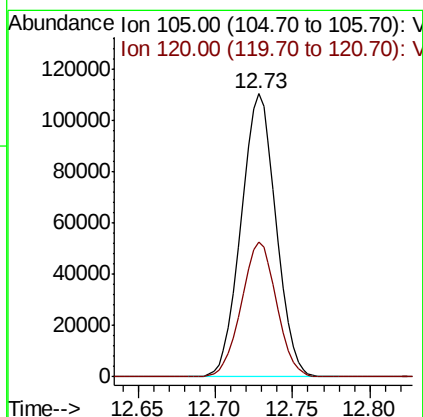
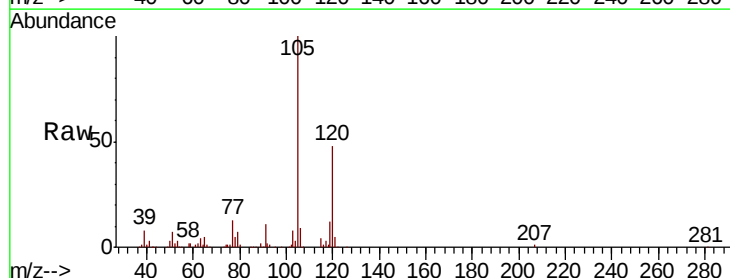
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

Tot Ion: 91 Resp: 141991
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.196 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion:105 Resp: 173632
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 18.554 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBS01

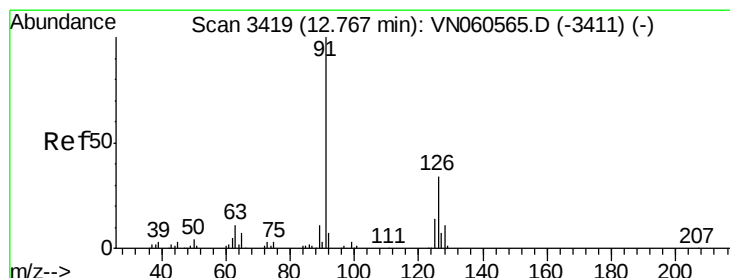
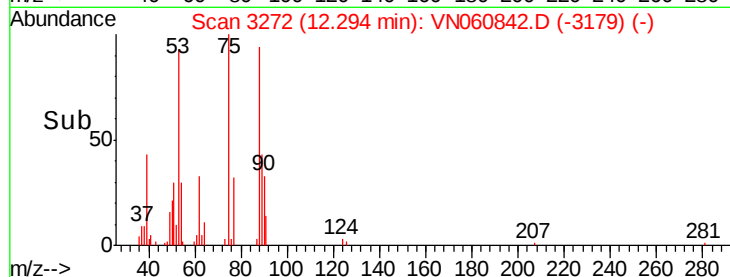
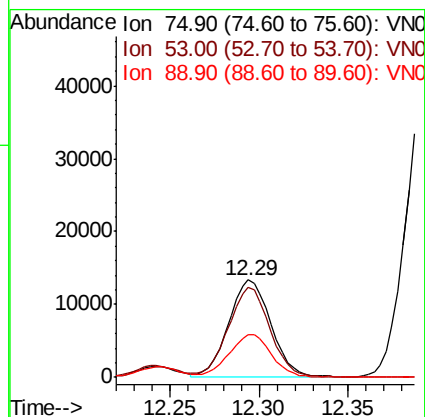
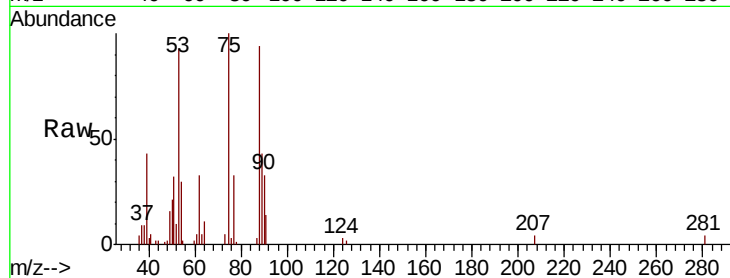
Tot Ion: 75 Resp: 22139

Ion Ratio Lower Upper

75 100

53 91.1 73.0 109.4

89 43.8 34.8 52.2



#82

4-Chlorotoluene

Concen: 18.956 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060842.D

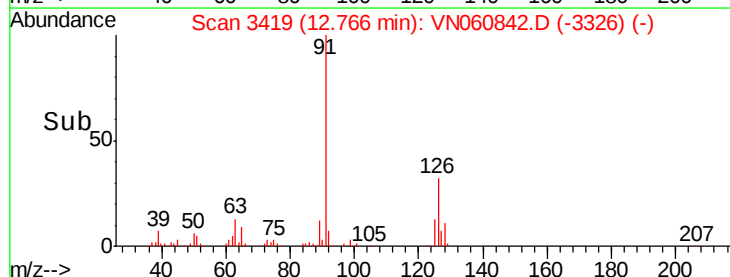
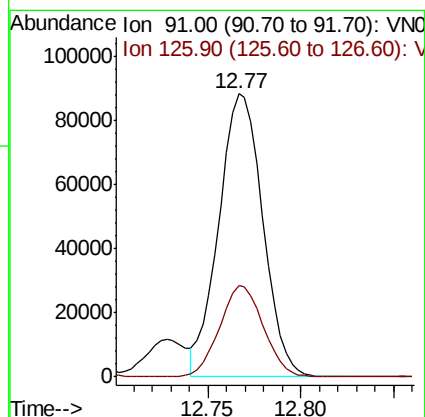
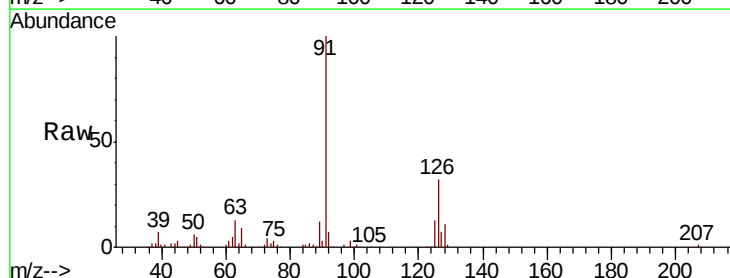
Acq: 6 Apr 2020 11:38

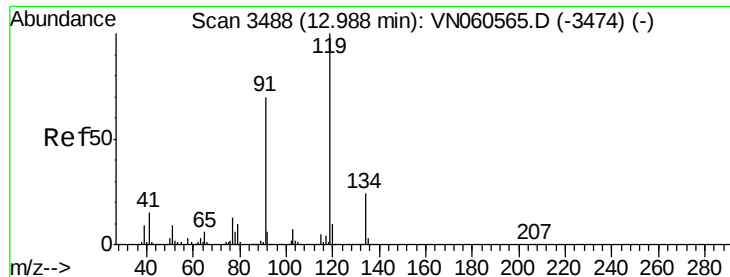
Tgt Ion: 91 Resp: 145258

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.5

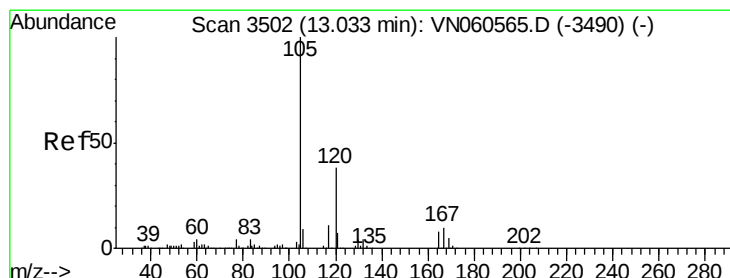
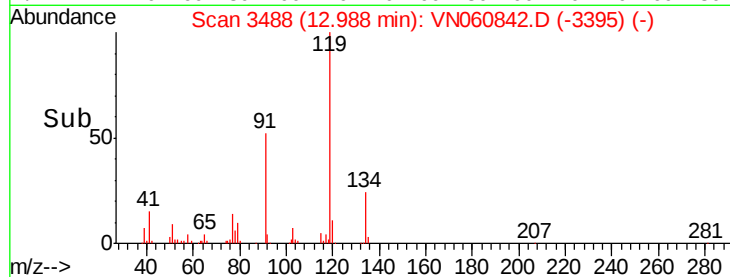
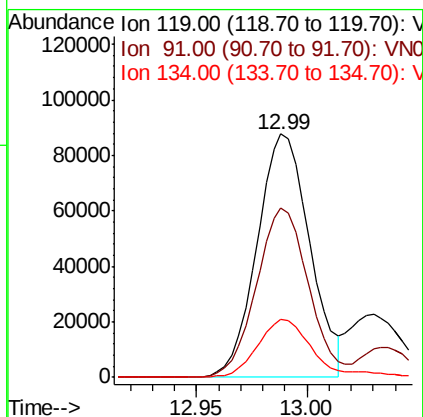
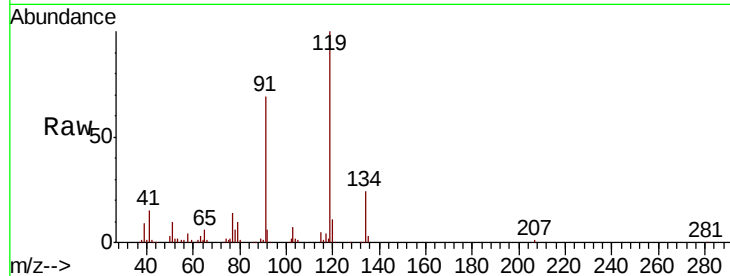




#83
tert-Butylbenzene
Concen: 19.359 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

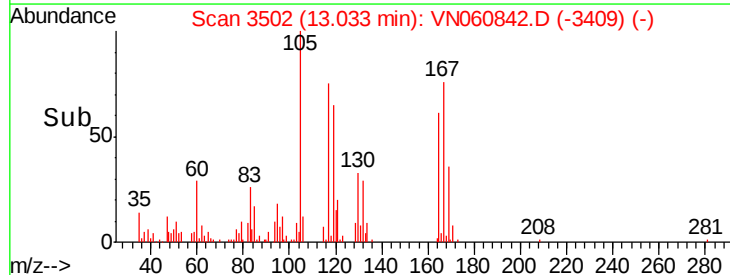
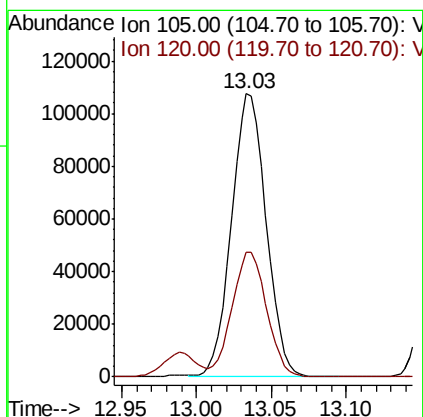
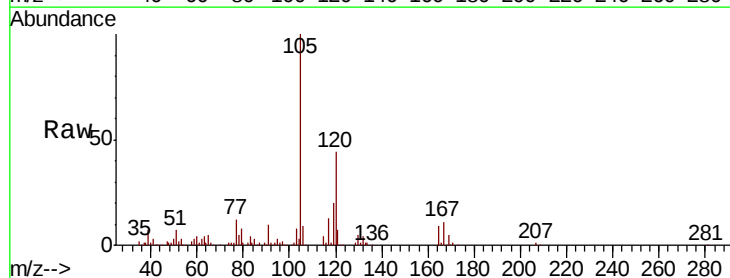
Instrument :
MSVOA_N
ClientSampleId :
VN0406WBS01

Tot Ion:119 Resp: 145155
Ion Ratio Lower Upper
119 100
91 68.4 34.0 101.8
134 25.0 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 19.367 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion:105 Resp: 173298
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.746 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

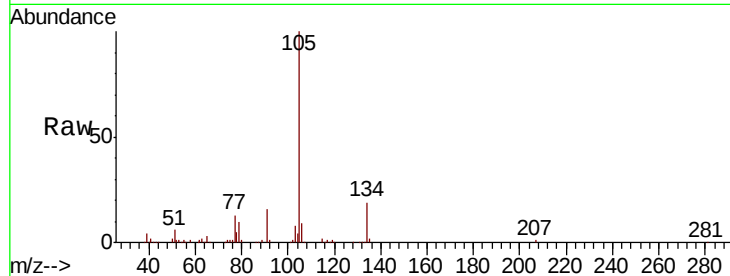
VN0406WBS01

Tot Ion:105 Resp: 199095

Ion Ratio Lower Upper

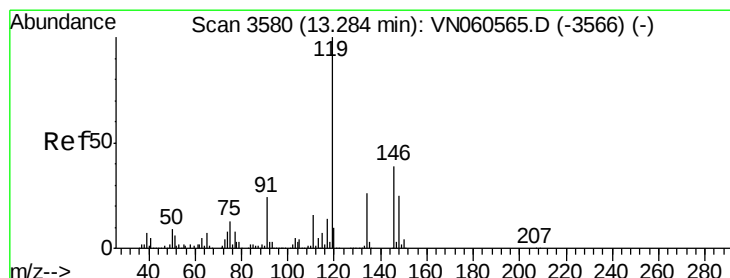
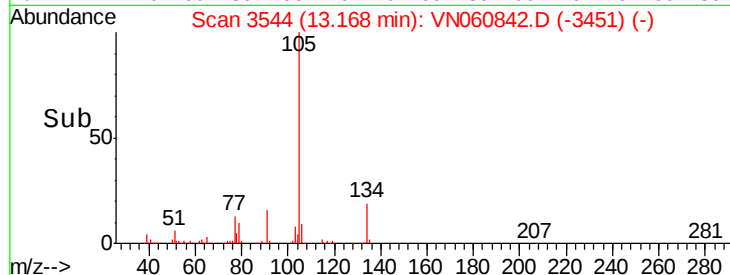
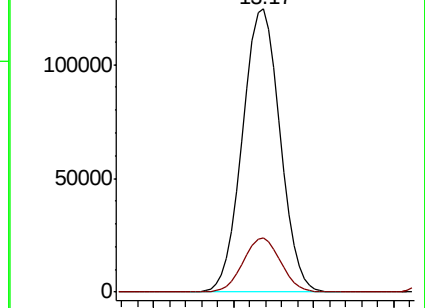
105 100

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: 19.719 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

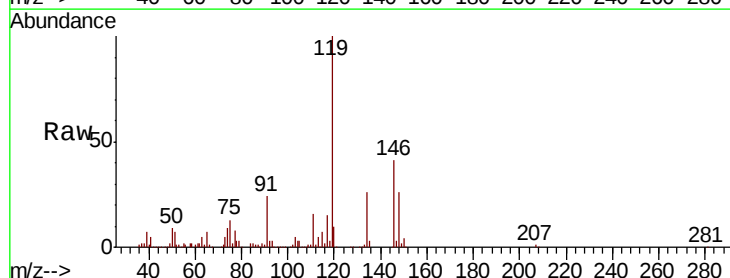
Tgt Ion:119 Resp: 178784

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

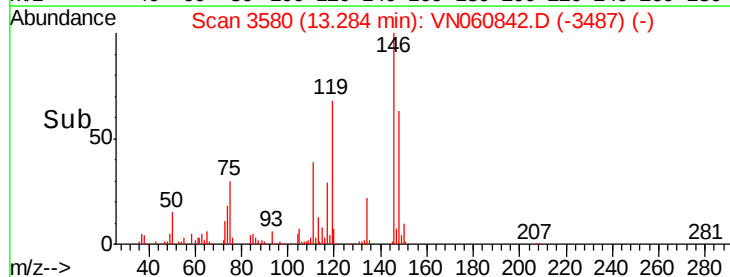
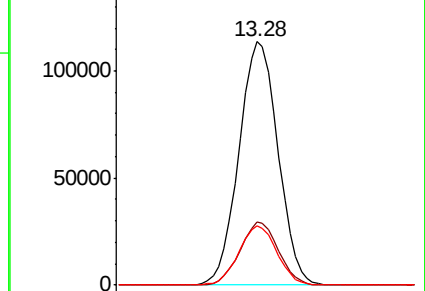
91 23.9 12.0 36.0

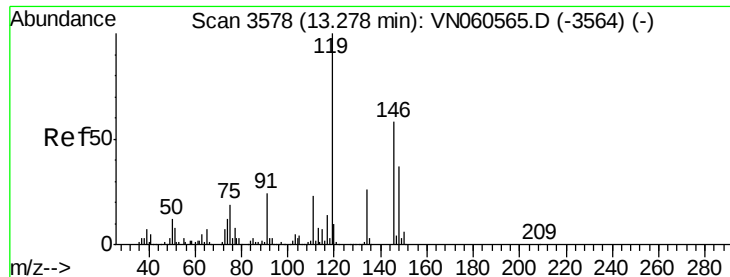


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.325 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBS01

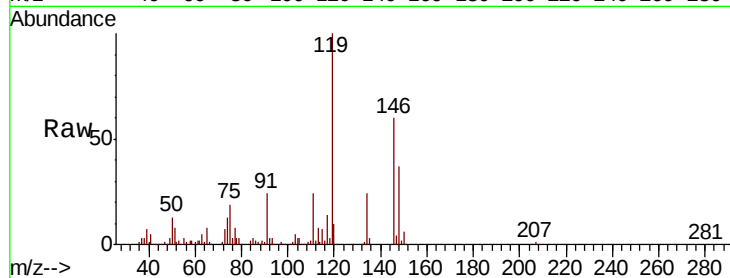
Tot Ion:146 Resp: 87539

Ion Ratio Lower Upper

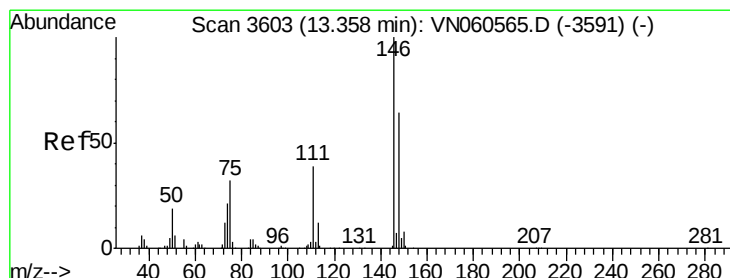
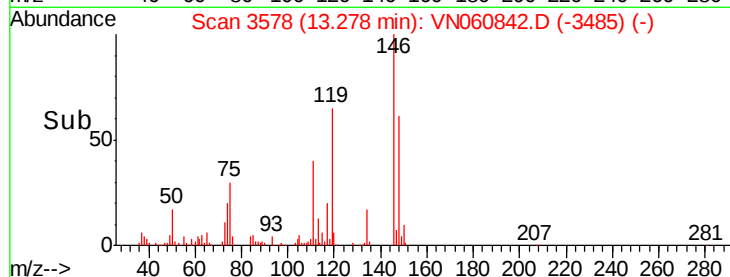
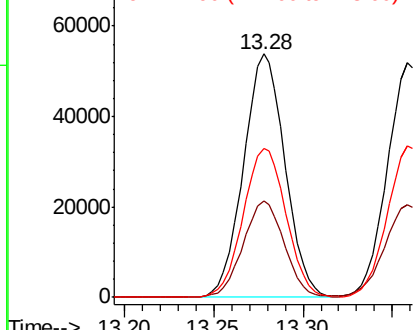
146 100

111 39.4 20.3 60.8

148 63.0 32.5 97.4



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



#88

1,4-Dichlorobenzene

Concen: 18.668 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

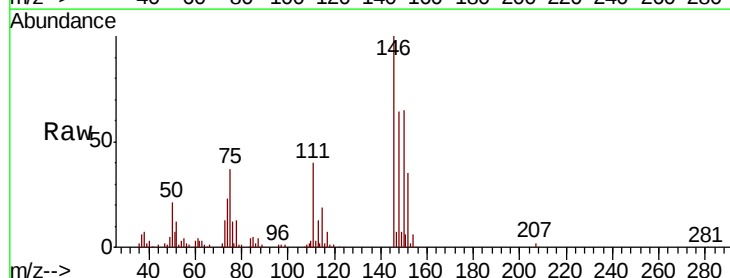
Tgt Ion:146 Resp: 84960

Ion Ratio Lower Upper

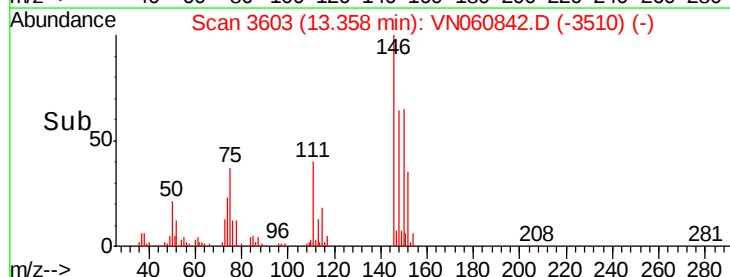
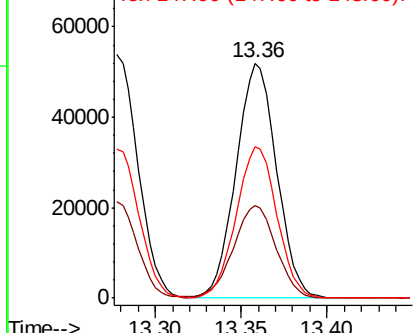
146 100

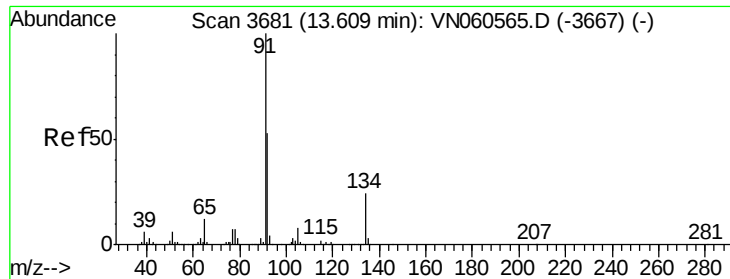
111 41.5 19.6 58.7

148 65.0 32.1 96.3



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

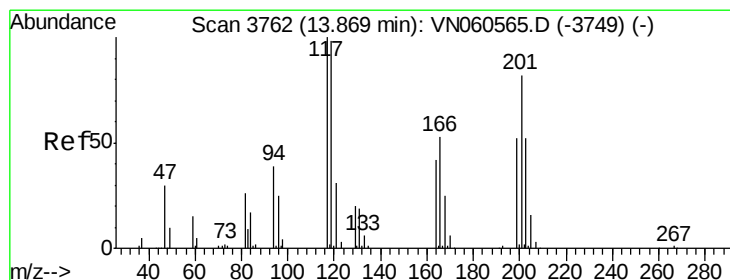
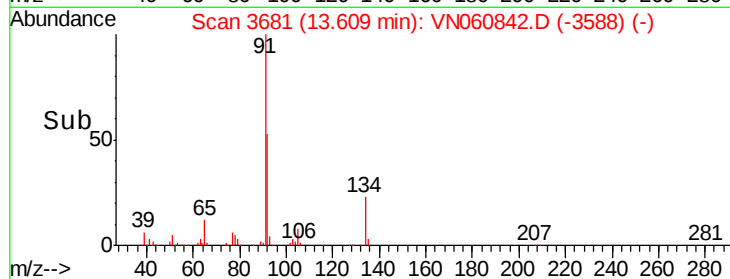
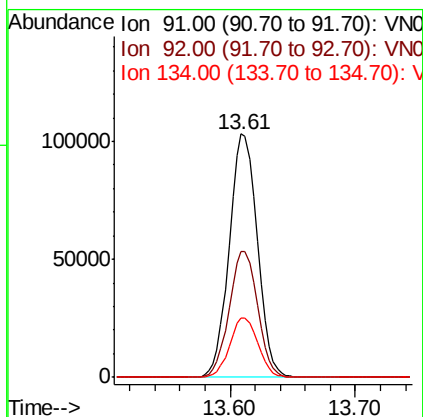
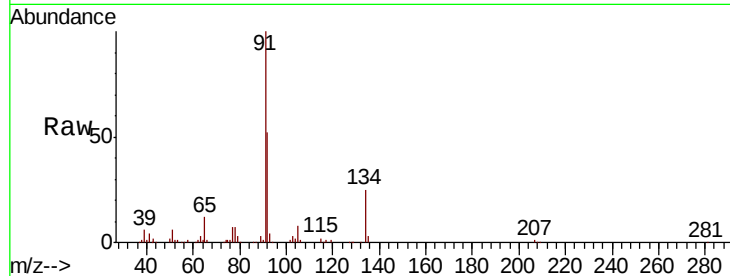




#89
n-Butylbenzene
Concen: 19.634 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

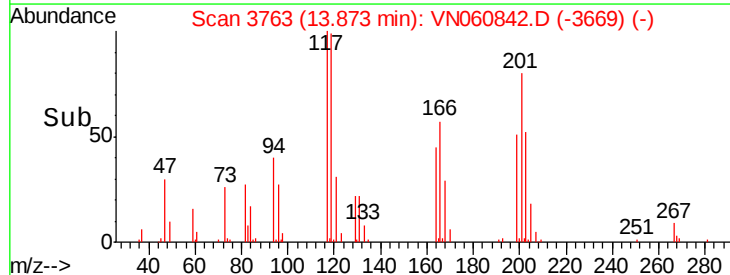
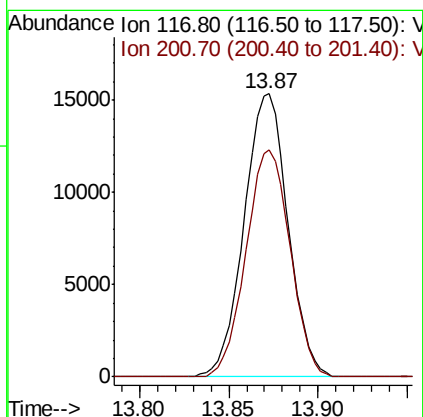
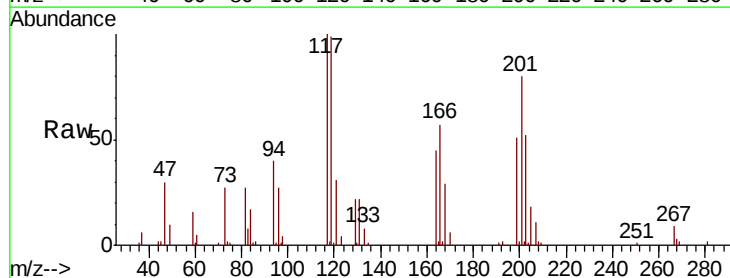
Instrument :
MSVOA_N
ClientSampled :
VN0406WBS01

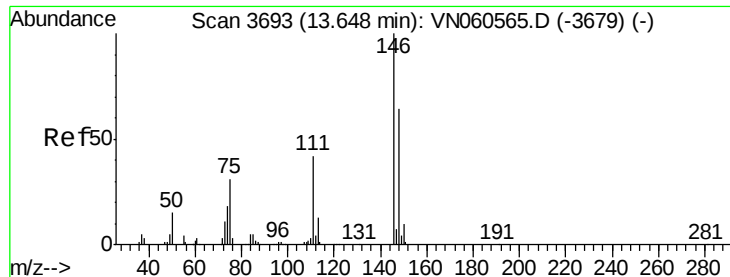
Tot Ion: 91 Resp: 160724
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 20.005 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion: 117 Resp: 26365
Ion Ratio Lower Upper
117 100
201 80.5 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 19.503 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0406WBS01

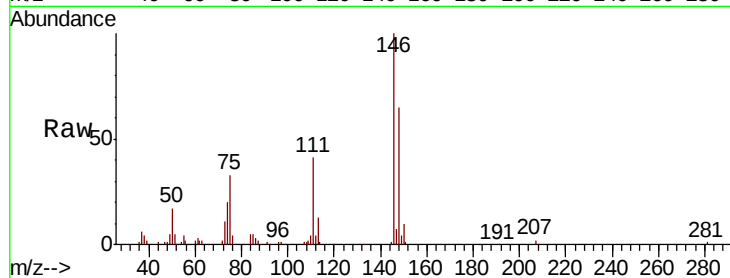
Tot Ion:146 Resp: 84474

Ion Ratio Lower Upper

146 100

111 41.5 21.0 63.0

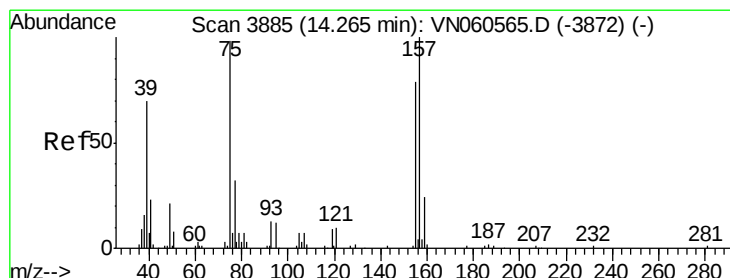
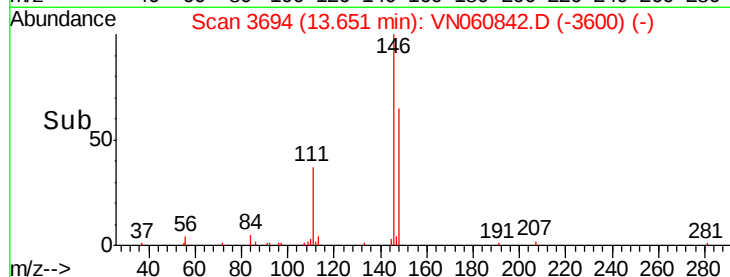
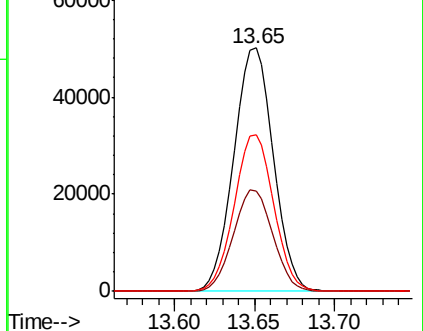
148 64.1 31.9 95.5



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: 17.403 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060842.D

Acq: 6 Apr 2020 11:38

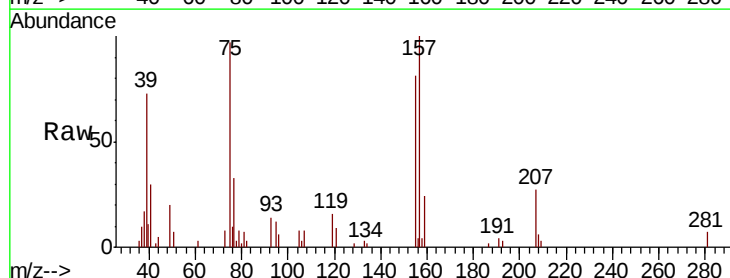
Tgt Ion: 75 Resp: 11867

Ion Ratio Lower Upper

75 100

155 78.4 40.7 122.1

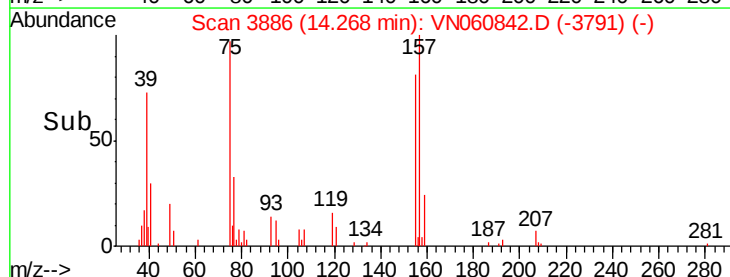
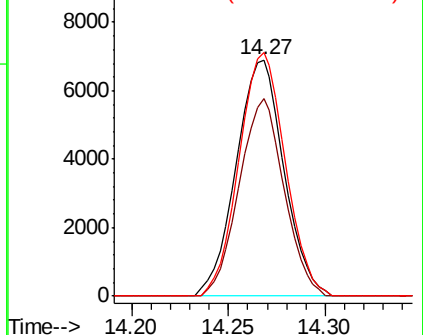
157 99.9 51.5 154.7

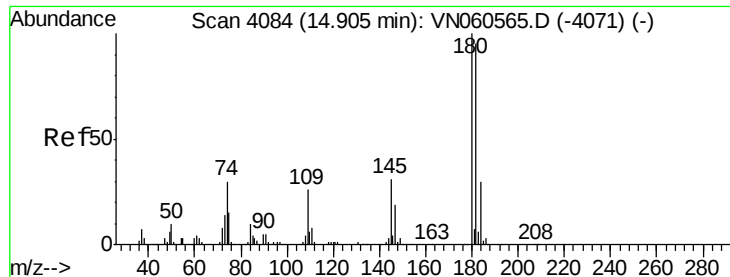


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

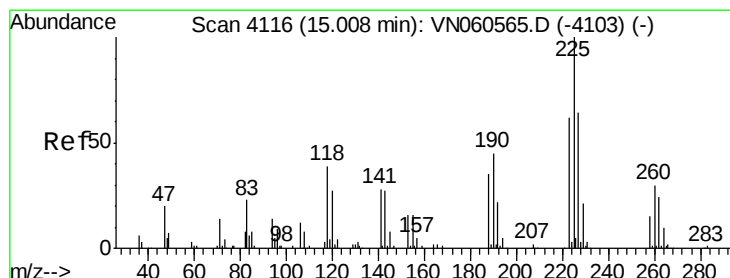
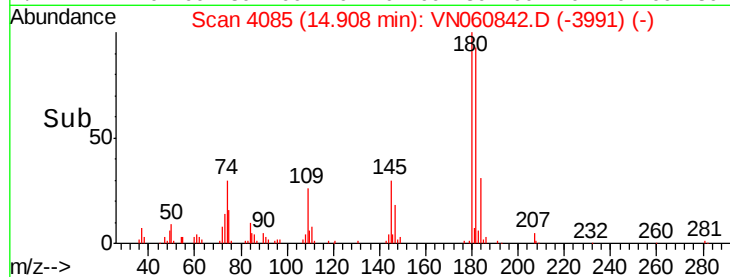
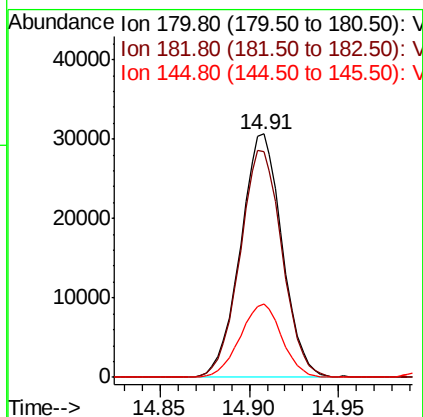
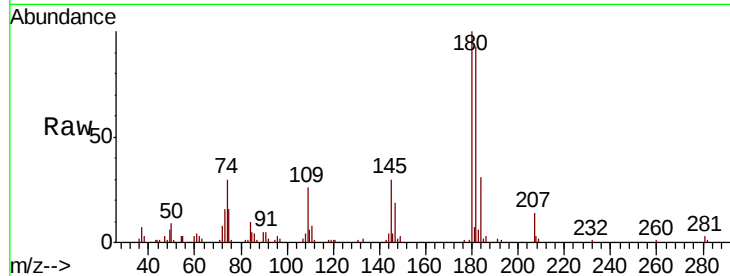




#93
 1,2,4-Trichlorobenzene
 Concen: 18.741 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

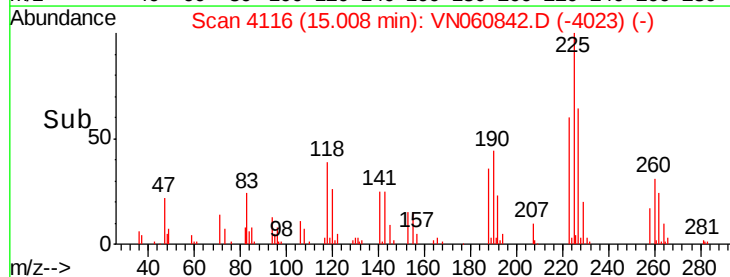
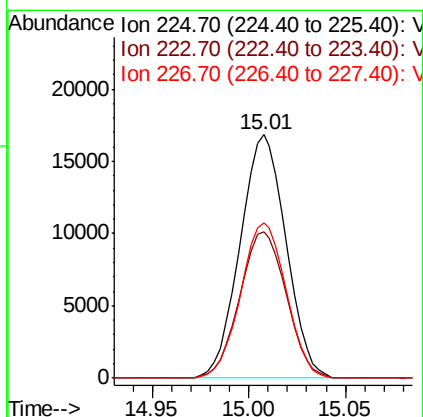
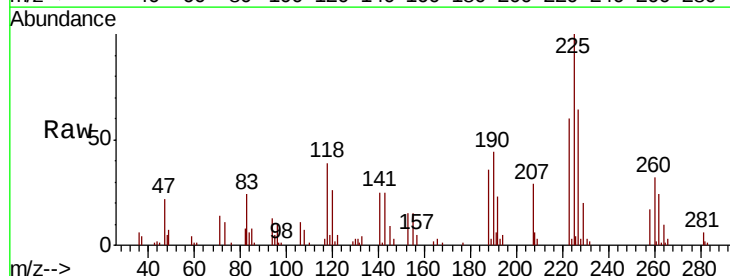
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBS01

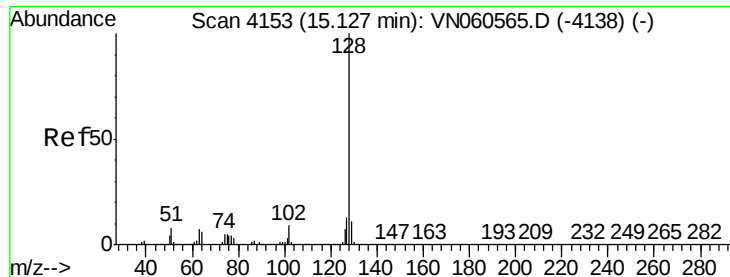
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.8
145	30.1	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 21.316 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060842.D
 Acq: 6 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.6	95.0
227	63.0	32.3	96.8

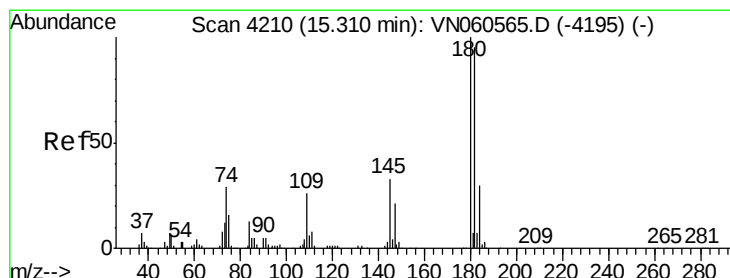
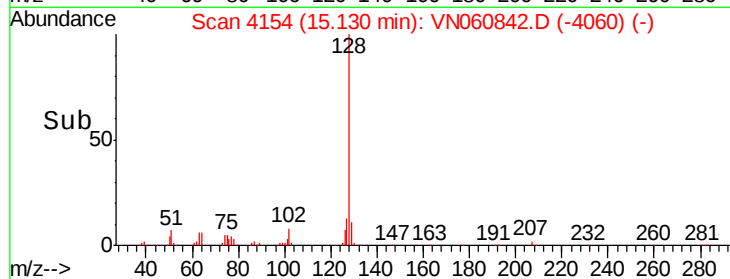
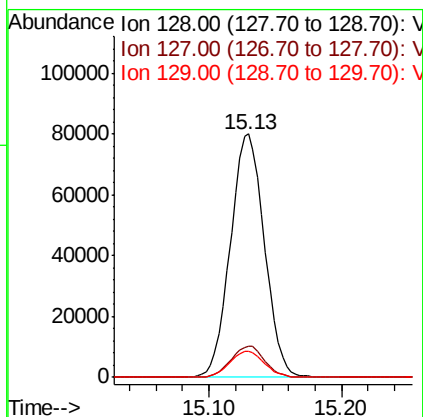
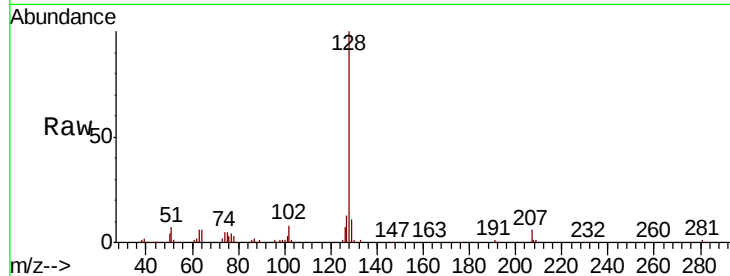




#95
Naphthalene
Concen: 17.764 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0406WBS01

Tot Ion:128 Resp: 142119
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.405 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060842.D
Acq: 6 Apr 2020 11:38

Tgt Ion:180 Resp: 48220
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 32.1 16.3 48.8

