

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060950.D
 Acq On : 15 Apr 2020 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:30:14 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	137742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	225560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	208214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	97068	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.56	113	72654	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	10.08	98	287346	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.39	95	109546	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61934	46.470	ug/l	99
3) Chloromethane	2.04	50	108372	43.537	ug/l	99
4) Vinyl Chloride	2.17	62	87889	45.142	ug/l	98
5) Bromomethane	2.54	94	44665	53.143	ug/l	98
6) Chloroethane	2.68	64	56295	50.195	ug/l	100
7) Trichlorofluoromethane	3.00	101	120974	50.441	ug/l	100
8) Diethyl Ether	3.38	74	51703	53.664	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	74379	53.521	ug/l	99
10) Methyl Iodide	3.92	142	54133	43.776	ug/l	99
11) Tert butyl alcohol	4.72	59	70551	253.699	ug/l	99
12) 1,1-Dichloroethene	3.71	96	73192	49.079	ug/l	97
13) Acrolein	3.57	56	97632	316.776	ug/l	99
14) Allyl chloride	4.29	41	137833	52.550	ug/l	98
15) Acrylonitrile	4.94	53	223778	273.652	ug/l	100
16) Acetone	3.77	43	261489	390.404	ug/l	99
17) Carbon Disulfide	4.03	76	194707	42.929	ug/l	99
18) Methyl Acetate	4.28	43	108508	57.555	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	271448	52.942	ug/l	97
20) Methylene Chloride	4.52	84	84596	51.343	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	78952	49.674	ug/l	97
22) Diisopropyl ether	5.91	45	313569	56.587	ug/l	98
23) Vinyl Acetate	5.85	43	1276557	282.342	ug/l	99
24) 1,1-Dichloroethane	5.81	63	163632	54.167	ug/l	99
25) 2-Butanone	6.79	43	343565	316.990	ug/l	97
26) 2,2-Dichloropropane	6.79	77	139547	58.712	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	93652	51.851	ug/l	96
28) Bromochloromethane	7.16	49	82912	57.366	ug/l	95
29) Tetrahydrofuran	7.17	42	202218	263.697	ug/l	98
30) Chloroform	7.34	83	155462	53.682	ug/l	99
31) Cyclohexane	7.63	56	146393	48.069	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	131132	52.525	ug/l	98
36) 1,1-Dichloropropene	7.77	75	118707	54.350	ug/l	99
37) Ethyl Acetate	6.89	43	126784	53.722	ug/l	99
38) Carbon Tetrachloride	7.75	117	103730	52.990	ug/l	99

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

39) Methylcyclohexane	9.06	83	138371	53.311	ug/l	97
40) Benzene	8.01	78	353292	53.583	ug/l	99
41) Methacrylonitrile	7.17	41	181929	180.633	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	123744	54.917	ug/l	100
43) Isopropyl Acetate	8.13	43	220343	56.613	ug/l	99
44) Trichloroethene	8.81	130	89031	53.565	ug/l	98
45) 1,2-Dichloropropane	9.10	63	99891	57.416	ug/l	98
46) Dibromomethane	9.19	93	58421	55.544	ug/l	99
47) Bromodichloromethane	9.38	83	125178	57.273	ug/l	99
48) Methyl methacrylate	9.18	41	97260	56.127	ug/l	98
49) 1,4-Dioxane	9.18	88	22547	1094.668	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	641958	289.854	ug/l	99
52) Toluene	10.14	92	215040	54.004	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	145822	58.083	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	156169	56.701	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	85391	55.742	ug/l	99
56) Ethyl methacrylate	10.41	69	138109	57.820	ug/l	98
57) 1,3-Dichloropropane	10.69	76	150017	56.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	331244	279.023	ug/l	99
59) 2-Hexanone	10.74	43	492544	308.726	ug/l	99
60) Dibromochloromethane	10.89	129	89564	56.601	ug/l	99
61) 1,2-Dibromoethane	10.99	107	85338	55.400	ug/l	99
64) Tetrachloroethene	10.62	164	81643	49.829	ug/l	98
65) Chlorobenzene	11.42	112	223741	54.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	82533	55.225	ug/l	98
67) Ethyl Benzene	11.50	91	420382	54.766	ug/l	100
68) m/p-Xylenes	11.61	106	307938	107.956	ug/l	98
69) o-Xylene	11.94	106	148480	54.528	ug/l	99
70) Styrene	11.96	104	251535	56.481	ug/l	99
71) Bromoform	12.12	173	64237	51.658	ug/l #	100
73) Isopropylbenzene	12.24	105	402090	53.557	ug/l	99
74) N-amyl acetate	12.06	43	191098	55.083	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	125342	55.207	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	170930	79.182	ug/l #	100
77) Bromobenzene	12.52	156	93851	51.877	ug/l	97
78) n-propylbenzene	12.59	91	485082	54.688	ug/l	98
79) 2-Chlorotoluene	12.67	91	281198	53.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	342298	53.725	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	45896	54.604	ug/l	99
82) 4-Chlorotoluene	12.77	91	296644	54.957	ug/l	99
83) tert-Butylbenzene	12.99	119	286644	54.272	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	341933	54.248	ug/l	100
85) sec-Butylbenzene	13.17	105	393462	55.400	ug/l	99
86) p-Isopropyltoluene	13.28	119	352582	55.208	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	173806	54.472	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	175196	54.651	ug/l	99
89) n-Butylbenzene	13.61	91	337869	58.596	ug/l	100
90) Hexachloroethane	13.87	117	55917	60.234	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	165894	54.374	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24444	51.410	ug/l	98

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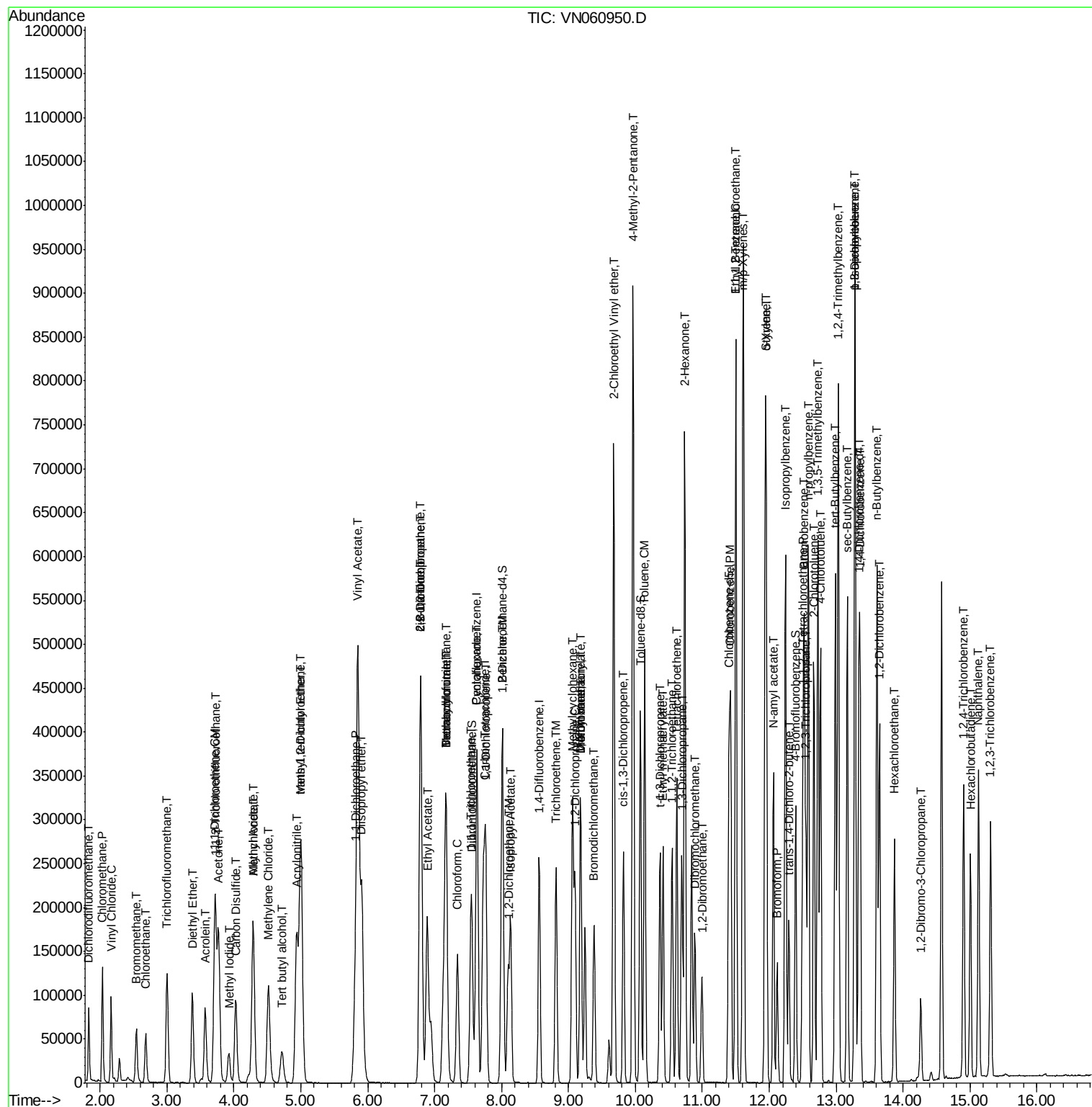
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	105306	56.206	ug/l	100
94) Hexachlorobutadiene	15.01	225	49071	53.427	ug/l	99
95) Naphthalene	15.13	128	296237	52.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	99446	53.888	ug/l	99

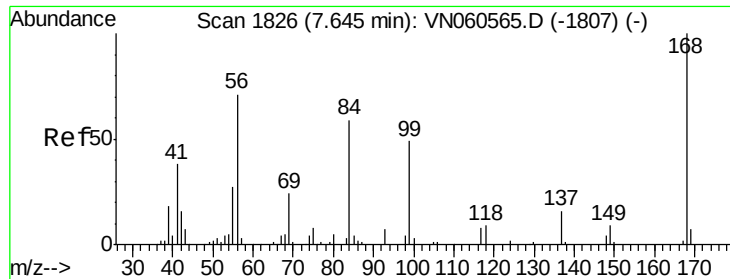
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\
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Acq On : 15 Apr 2020 10:15
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

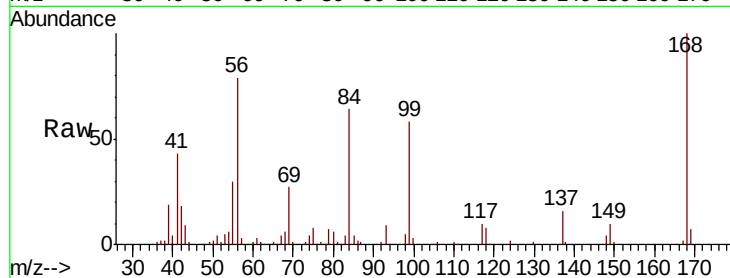
ClientSampleId :

Tot Ion:168 Resp: 137742

Ion Ratio Lower Upper

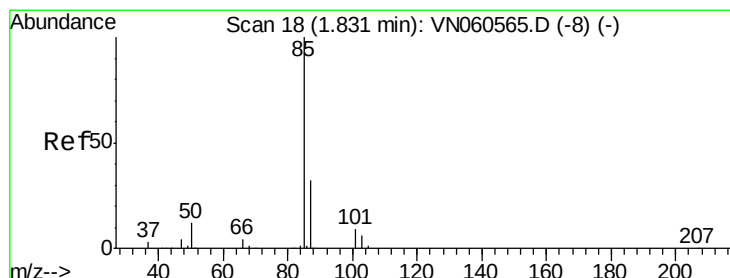
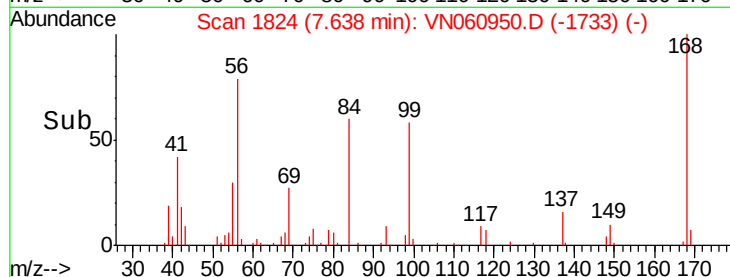
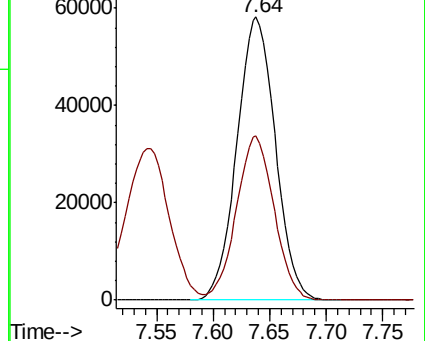
168 100

99 57.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.470 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060950.D

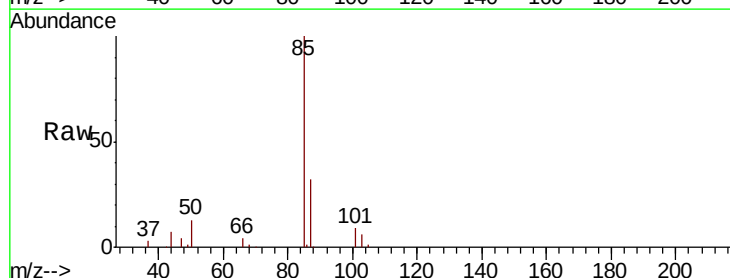
Acq: 15 Apr 2020 10:15

Tgt Ion: 85 Resp: 61934

Ion Ratio Lower Upper

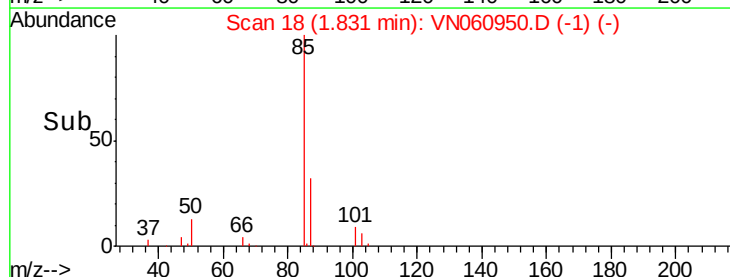
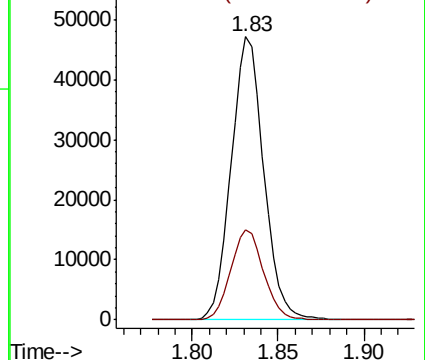
85 100

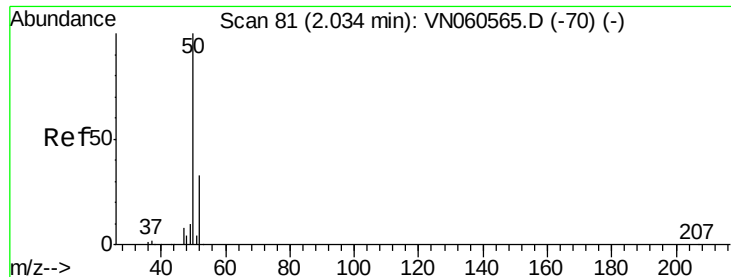
87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.537 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

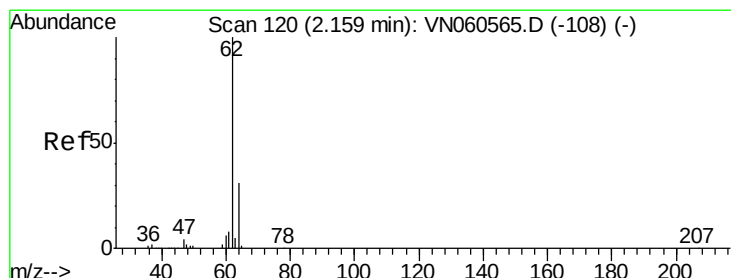
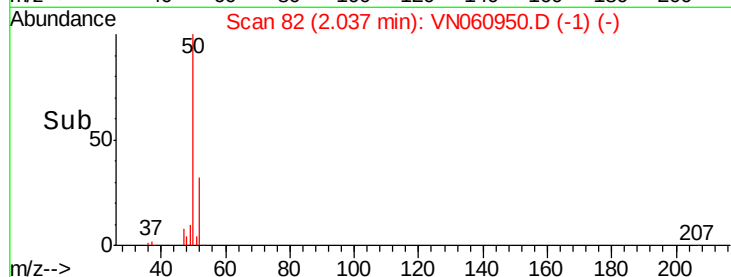
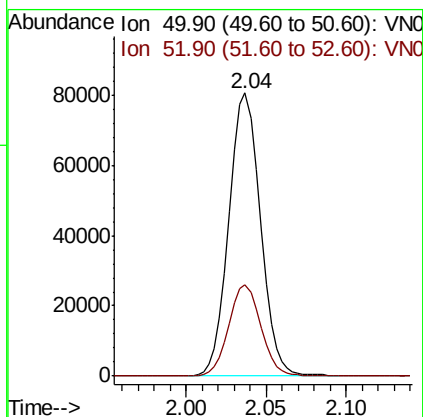
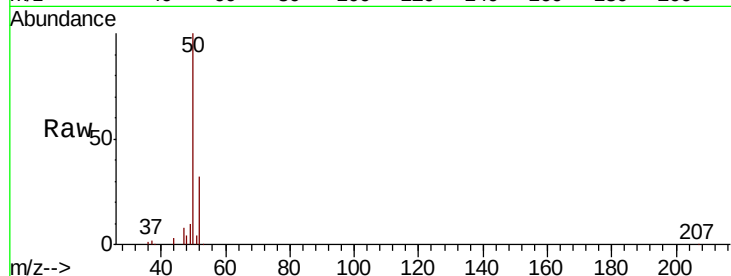
ClientSampleId :

Tot Ion: 50 Resp: 108372

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 45.142 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060950.D

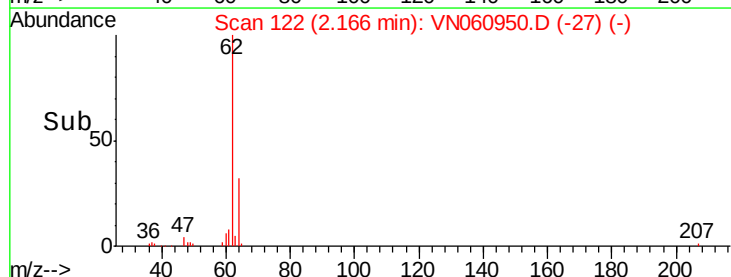
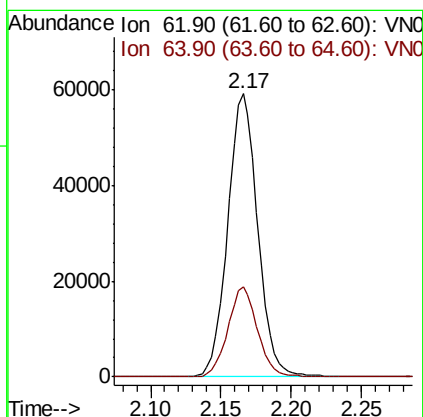
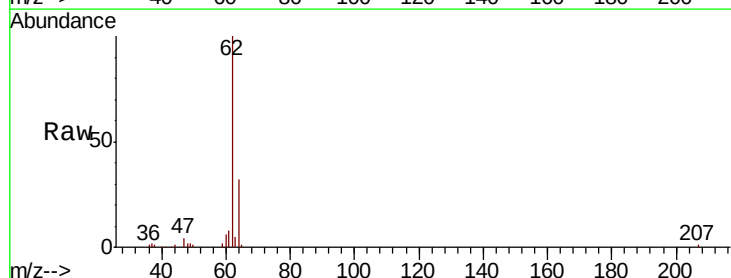
Acq: 15 Apr 2020 10:15

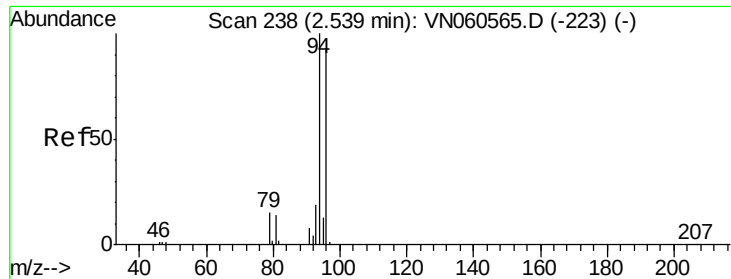
Tgt Ion: 62 Resp: 87889

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 53.143 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

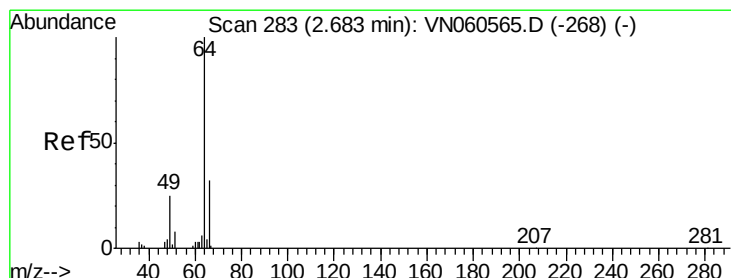
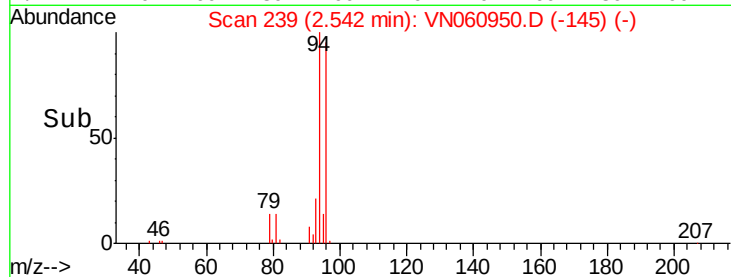
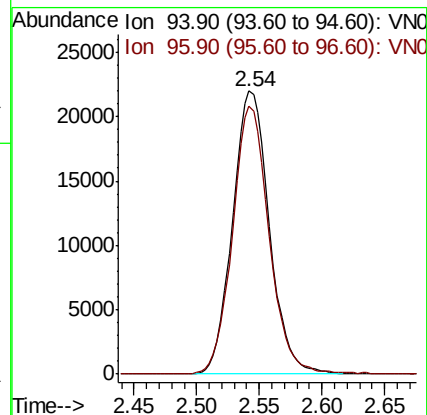
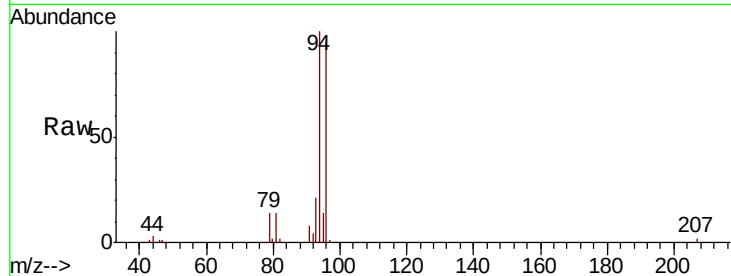
ClientSampled :

Tot Ion: 94 Resp: 44665

Ion Ratio Lower Upper

94 100

96 94.8 74.6 112.0



#6

Chloroethane

Concen: 50.195 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060950.D

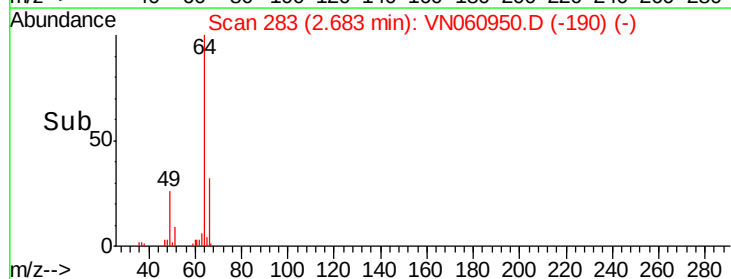
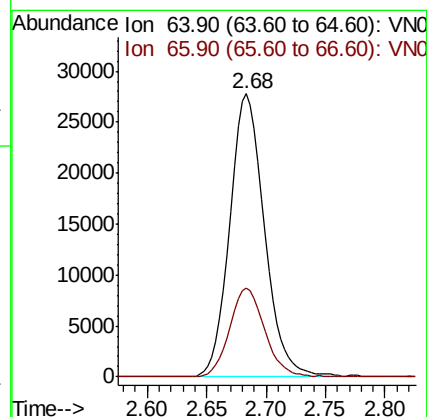
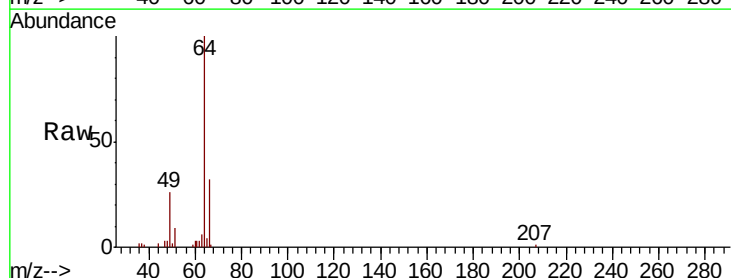
Acq: 15 Apr 2020 10:15

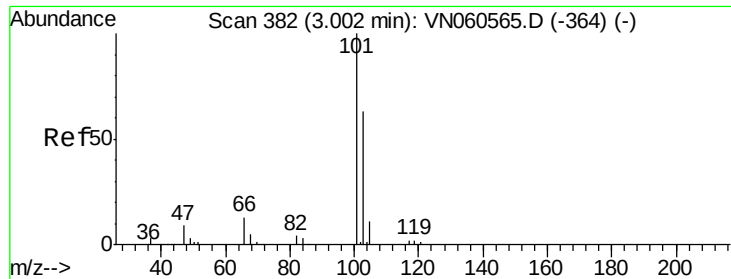
Tgt Ion: 64 Resp: 56295

Ion Ratio Lower Upper

64 100

66 31.5 25.3 37.9



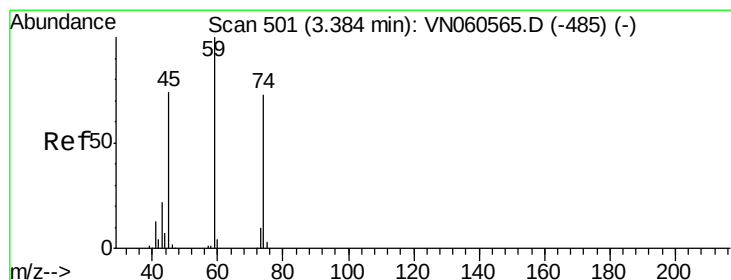
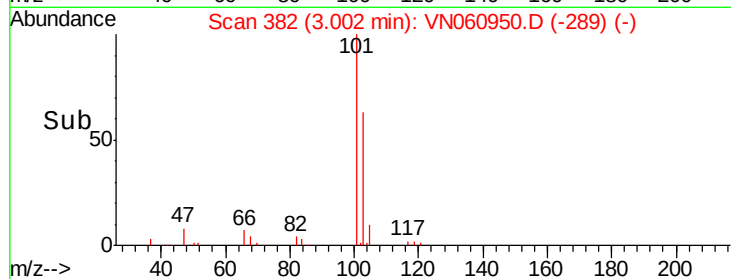
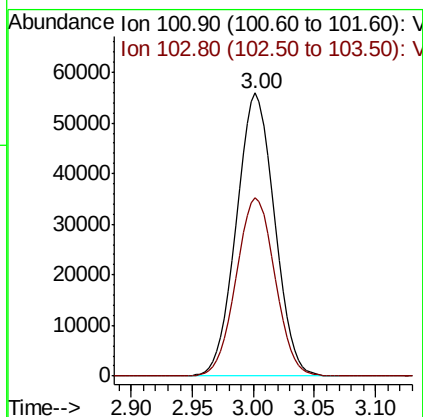
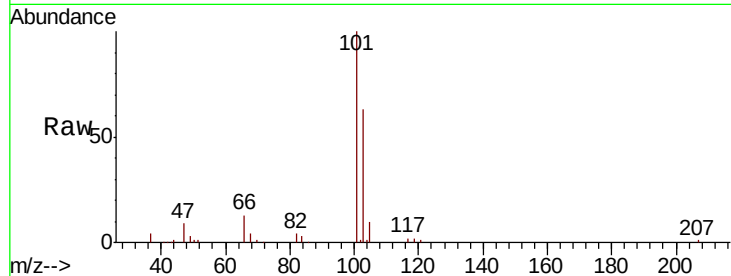


#7

Trichlorofluoromethane
 Concen: 50.441 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Instrument :
 MSVOA_N
 ClientSampled :

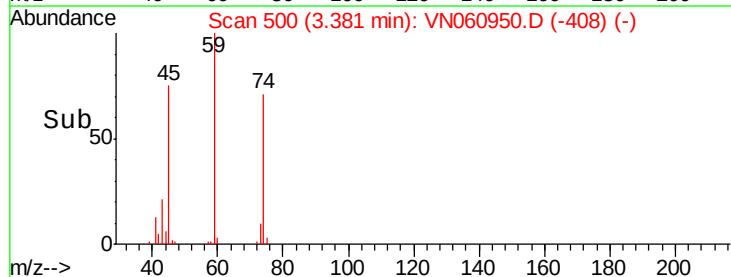
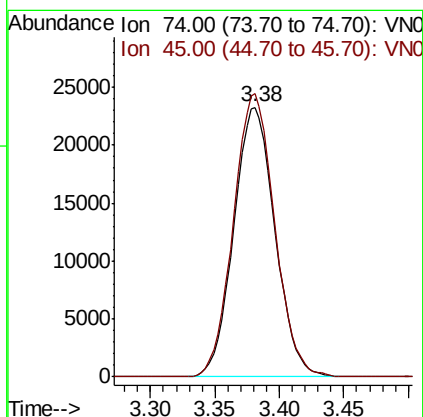
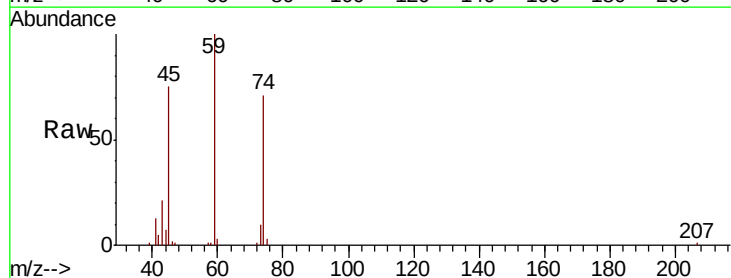
Tot Ion:101 Resp: 120974
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.6 76.0

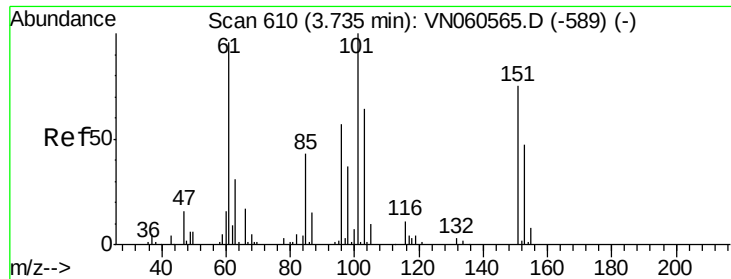


#8

Diethyl Ether
 Concen: 53.664 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 74 Resp: 51703
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.521 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampleId :

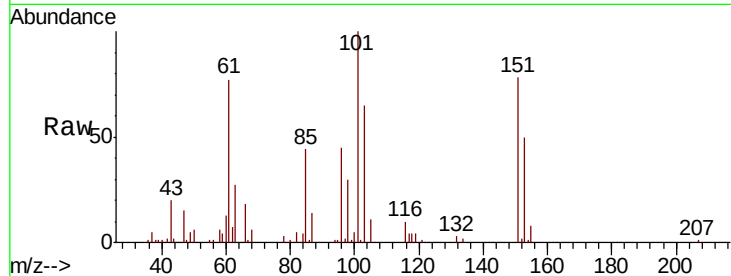
Tot Ion:101 Resp: 74379

Ion Ratio Lower Upper

101 100

85 44.1 35.6 53.4

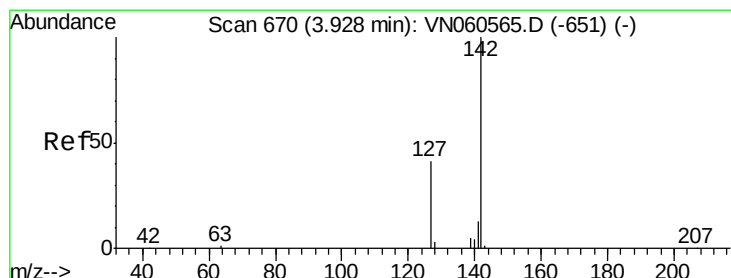
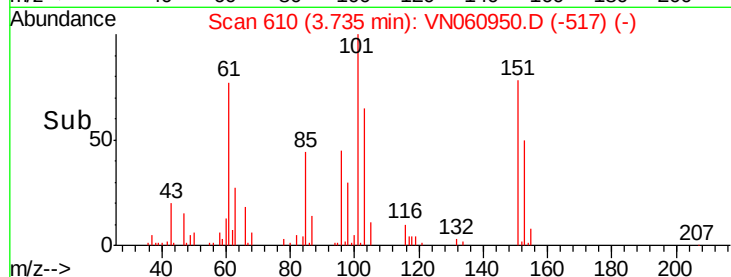
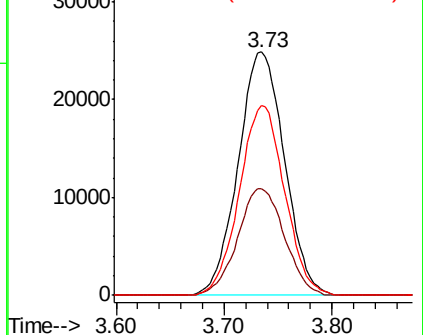
151 76.2 61.4 92.2



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: 43.776 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

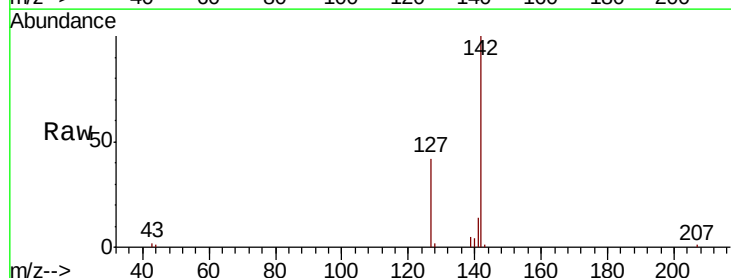
Tgt Ion:142 Resp: 54133

Ion Ratio Lower Upper

142 100

127 42.3 33.5 50.3

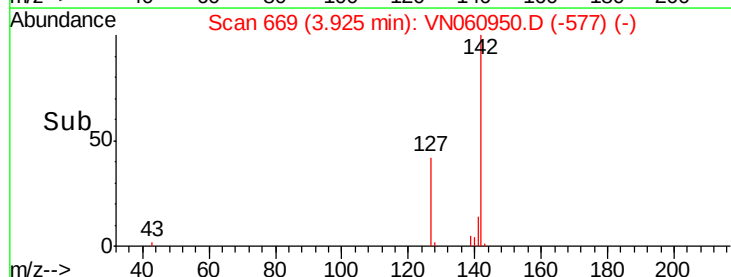
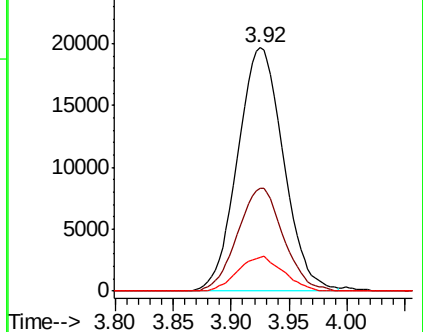
141 14.1 11.0 16.6

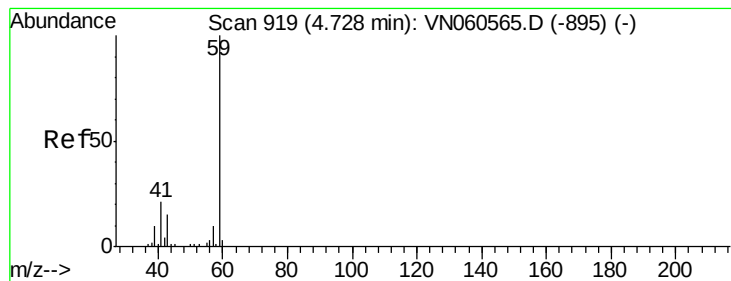


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



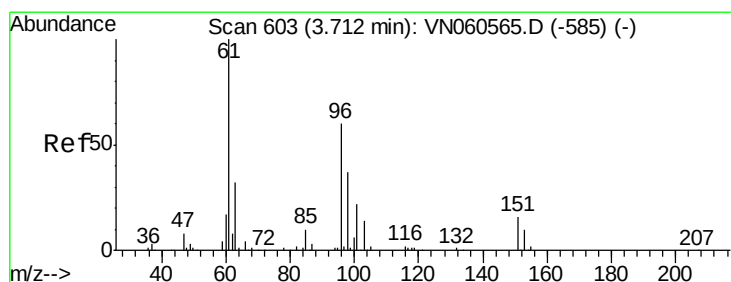
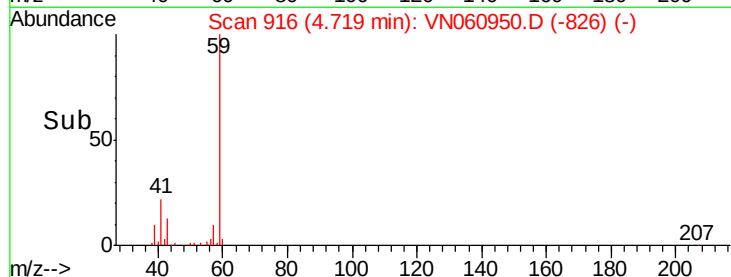
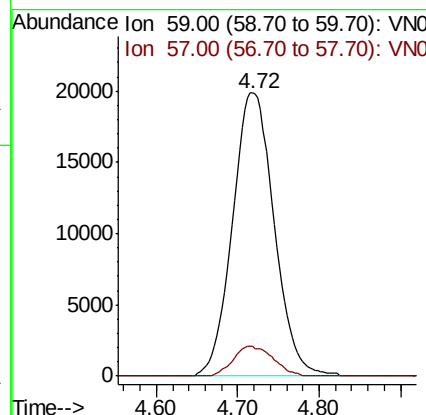
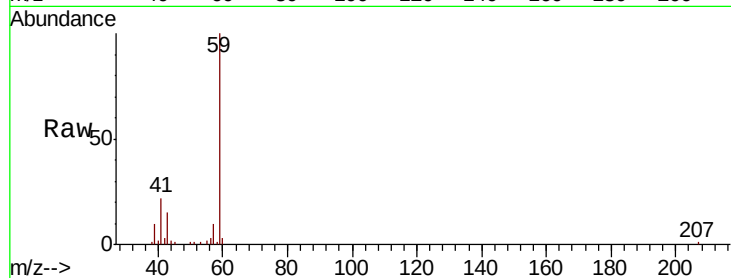


#11

Tert butyl alcohol
 Concen: 253.699 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Instrument :
 MSVOA_N
 ClientSampled :

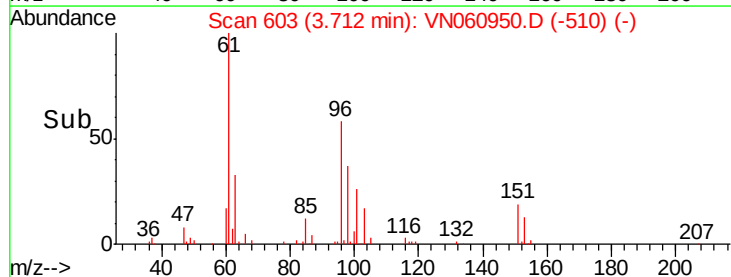
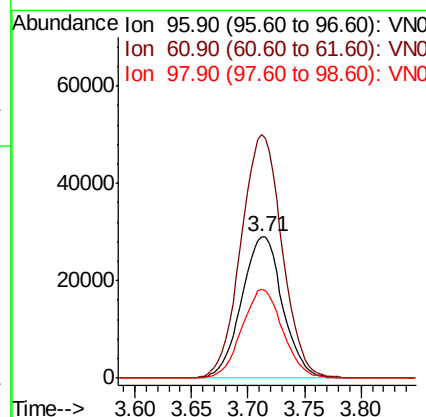
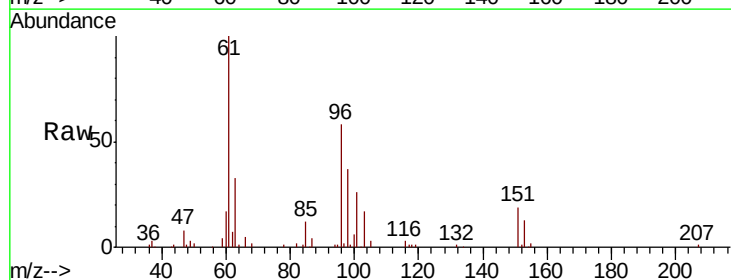
Tot Ion: 59 Resp: 70551
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

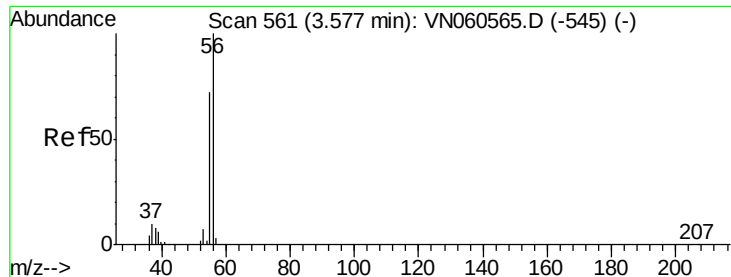


#12

1,1-Dichloroethene
 Concen: 49.079 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 96 Resp: 73192
 Ion Ratio Lower Upper
 96 100
 61 172.1 134.1 201.1
 98 62.9 49.9 74.9

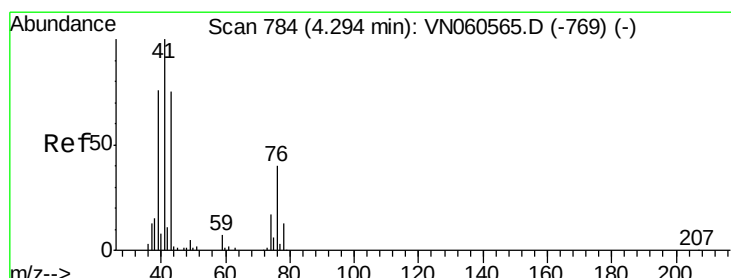
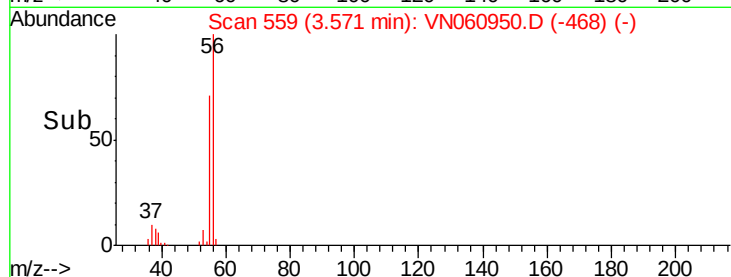
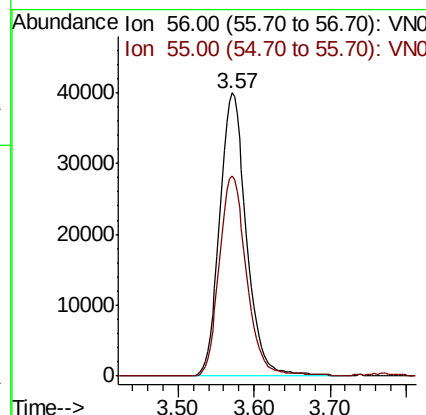
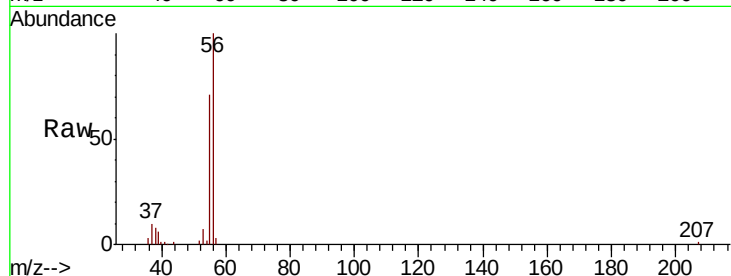




#13
 Acrolein
 Concen: 316.776 ug/l
 RT: 3.57 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

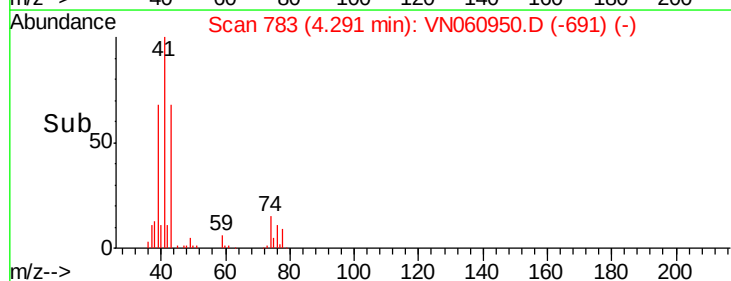
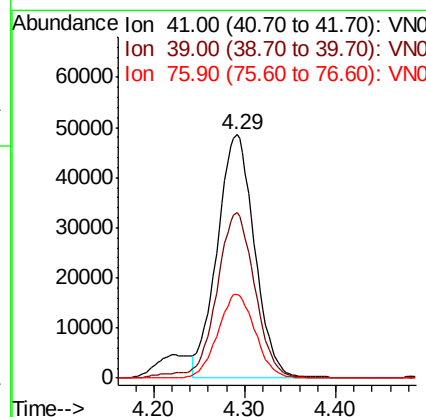
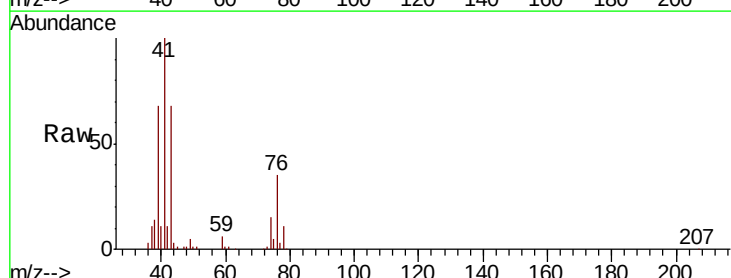
Instrument :
 MSVOA_N
 ClientSampleId :

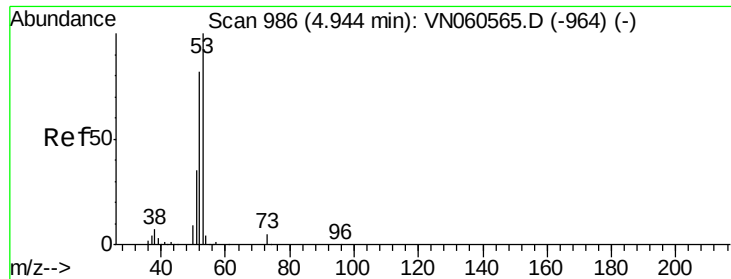
Tot Ion: 56 Resp: 97632
 Ion Ratio Lower Upper
 56 100
 55 72.0 56.7 85.1



#14
 Allyl chloride
 Concen: 52.550 ug/l
 RT: 4.29 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 41 Resp: 137833
 Ion Ratio Lower Upper
 41 100
 39 70.3 57.8 86.8
 76 34.5 28.6 43.0





#15

Acrylonitrile

Concen: 273.652 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampleId :

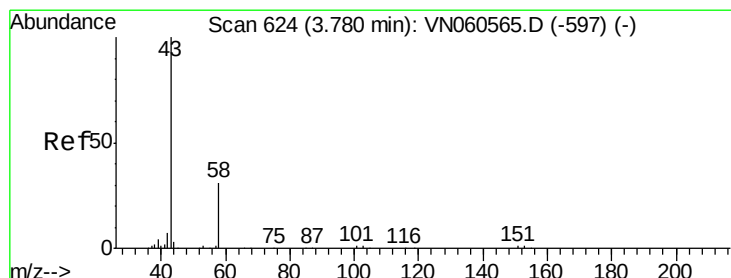
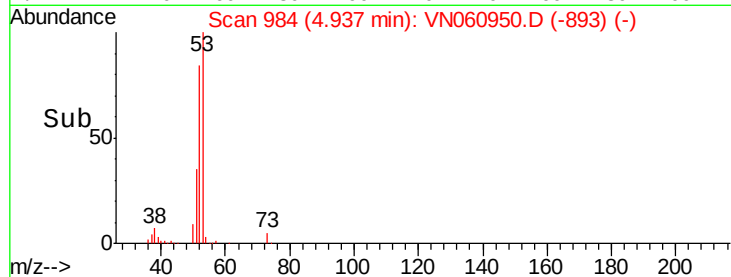
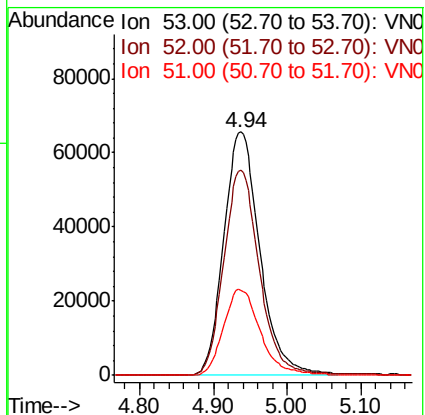
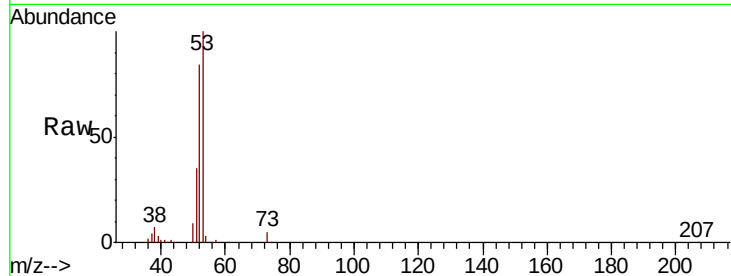
Tot Ion: 53 Resp: 223778

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

51 36.3 28.7 43.1



#16

Acetone

Concen: 390.404 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060950.D

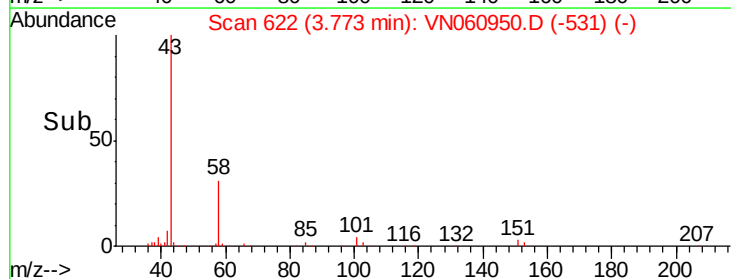
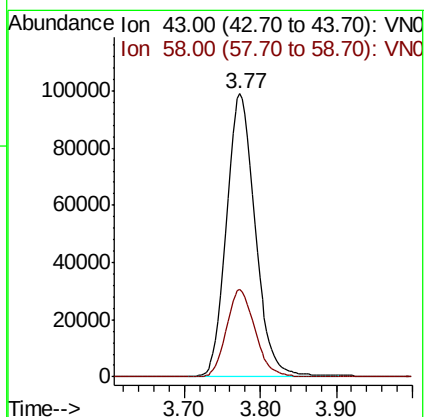
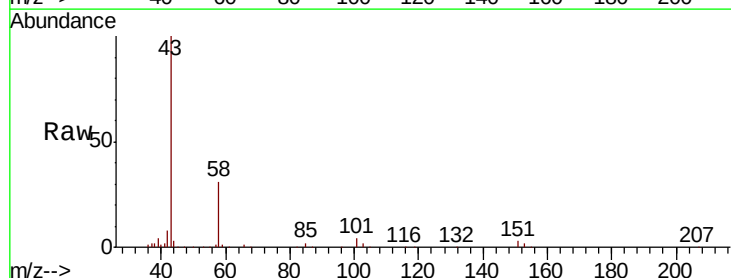
Acq: 15 Apr 2020 10:15

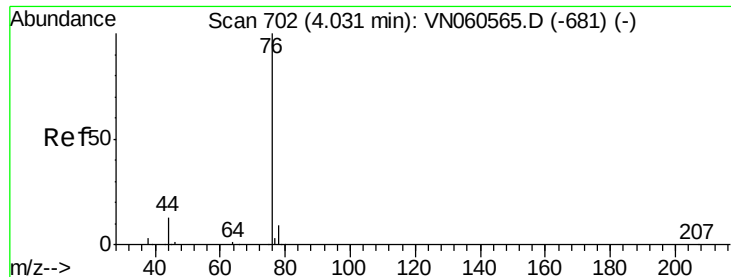
Tgt Ion: 43 Resp: 261489

Ion Ratio Lower Upper

43 100

58 30.8 25.1 37.7





#17

Carbon Disulfide

Concen: 42.929 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

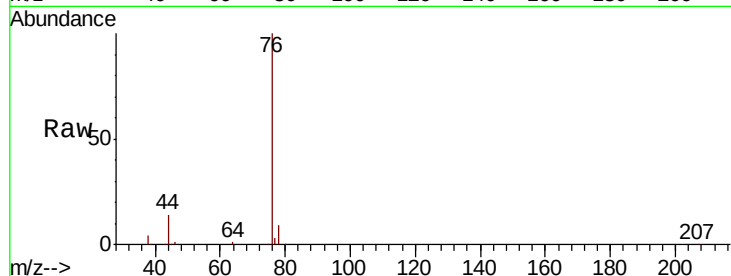
ClientSampleId :

Tot Ion: 76 Resp: 194707

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060950.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060950.D (-681) (-)

4.03

80000

60000

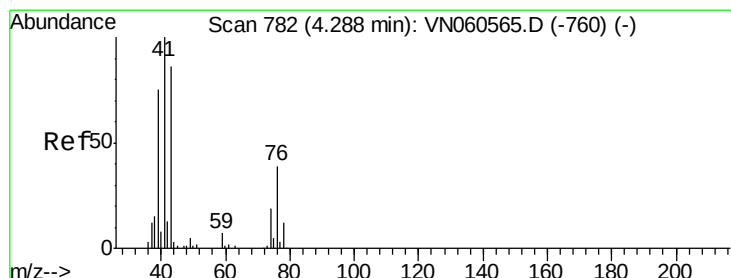
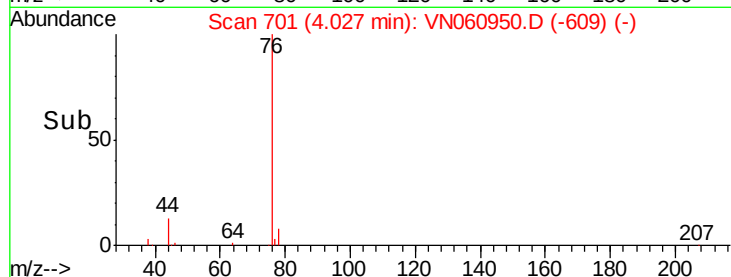
40000

20000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 57.555 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.01 min

Lab File: VN060950.D

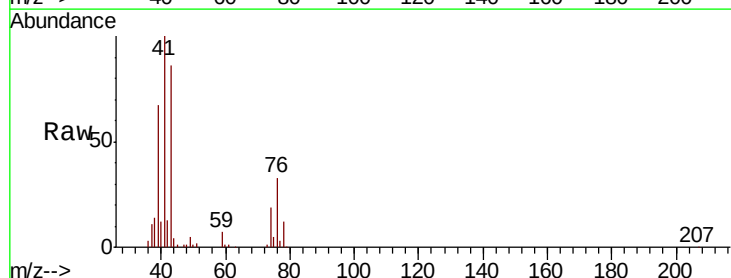
Acq: 15 Apr 2020 10:15

Tgt Ion: 43 Resp: 108508

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060950.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060950.D (-689) (-)

4.28

40000

30000

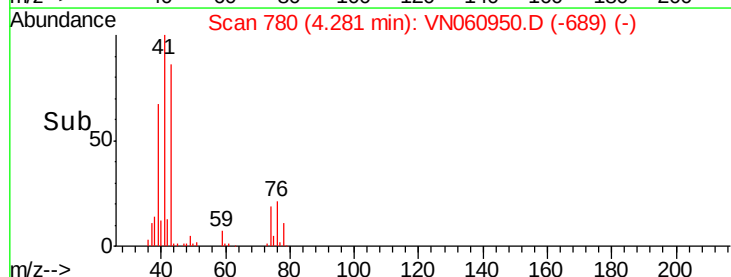
20000

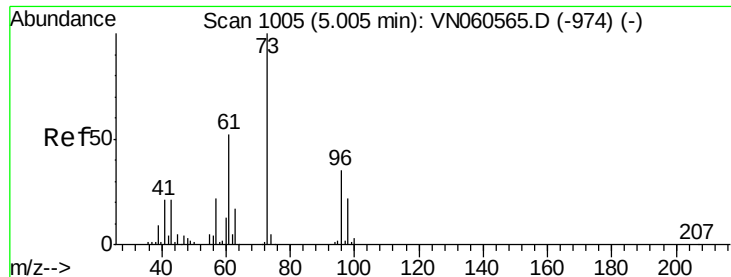
10000

0

Time-->

4.20 4.30 4.40

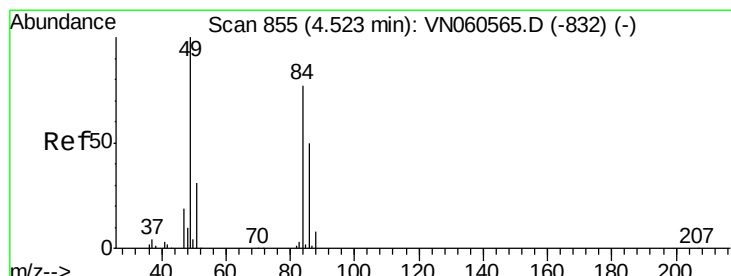
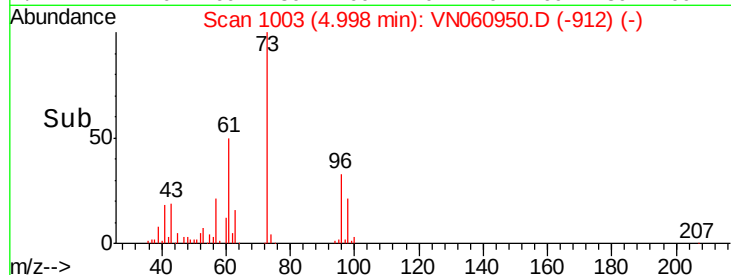
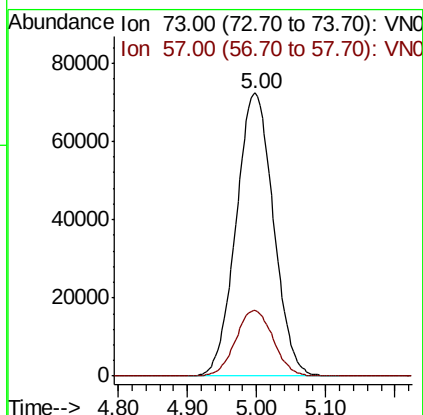
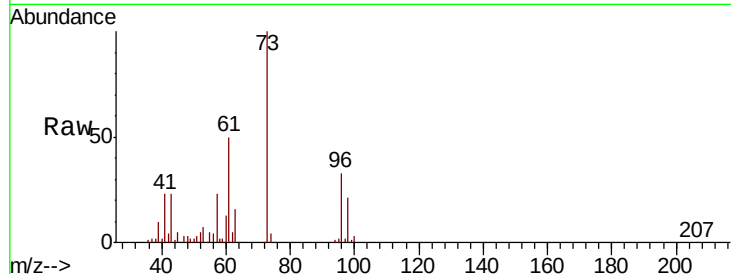




#19
Methyl tert-butyl Ether
Concen: 52.942 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

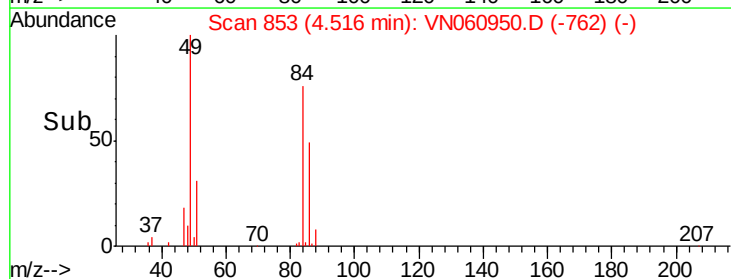
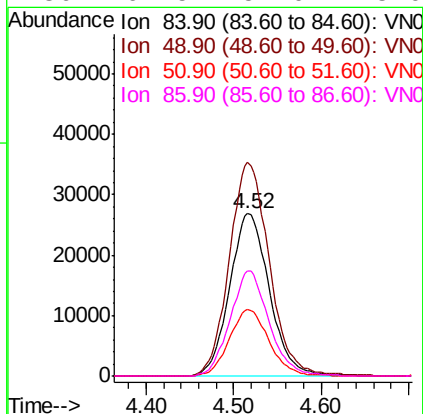
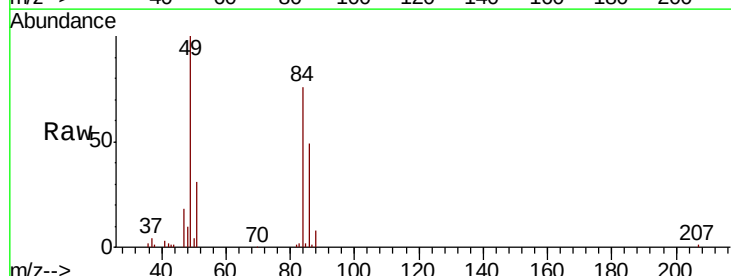
Instrument :
MSVOA_N
ClientSampled :

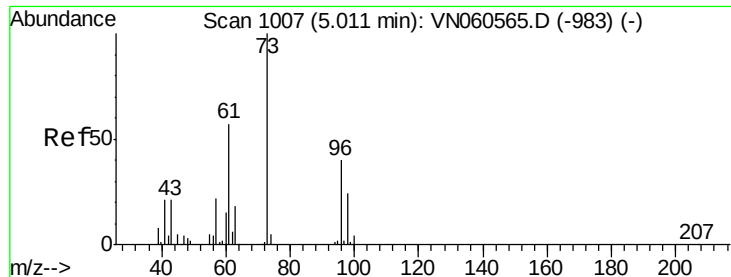
Tot Ion: 73 Resp: 271448
Ion Ratio Lower Upper
73 100
57 23.3 17.5 26.3



#20
Methylene Chloride
Concen: 51.343 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 84 Resp: 84596
Ion Ratio Lower Upper
84 100
49 131.4 103.3 154.9
51 40.7 31.6 47.4
86 64.5 52.0 78.0

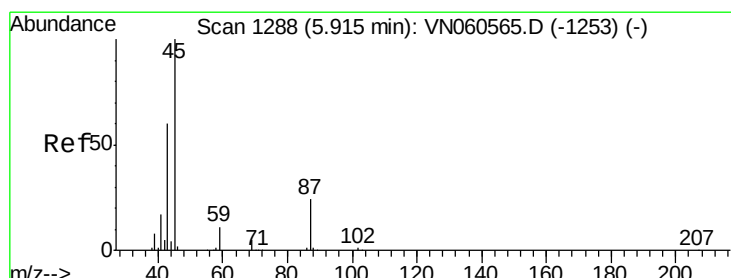
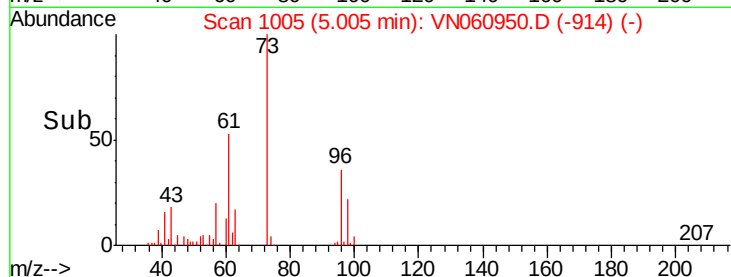
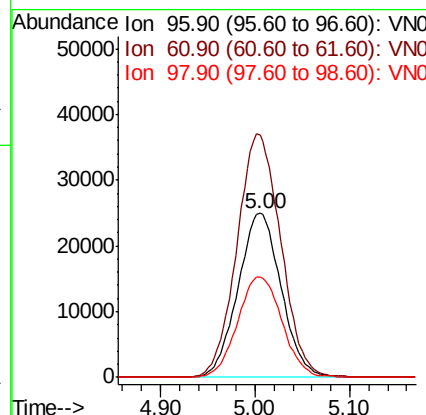
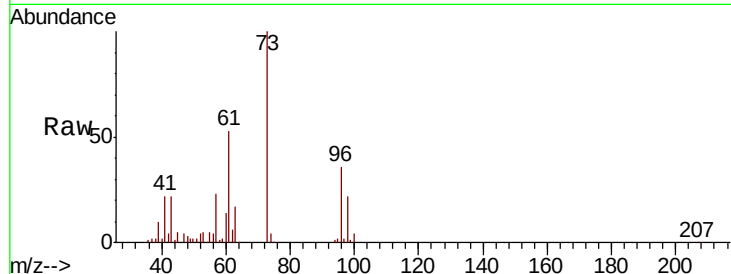




#21
trans-1,2-Dichloroethene
Concen: 49.674 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

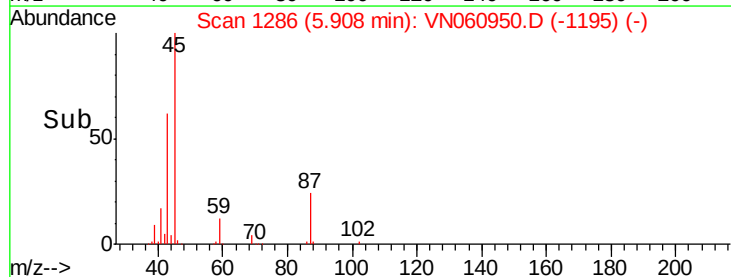
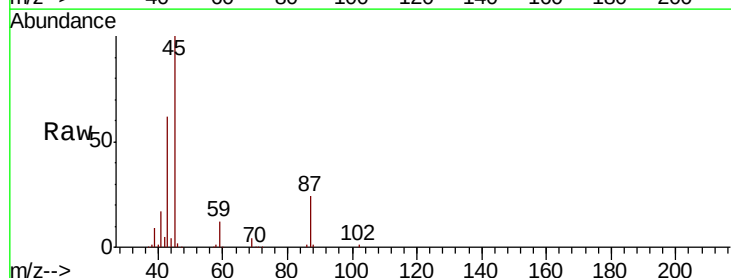
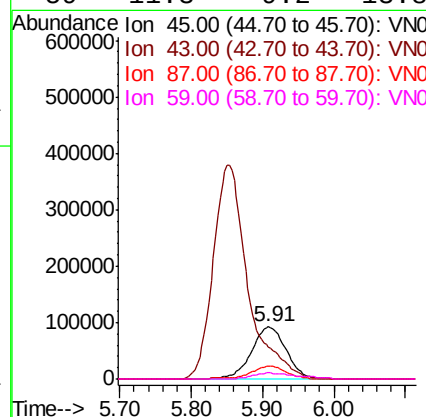
Instrument :
MSVOA_N
ClientSampled :

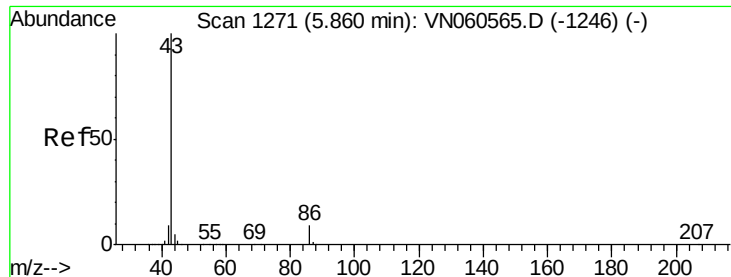
Tot Ion: 96 Resp: 78952
Ion Ratio Lower Upper
96 100
61 147.9 114.4 171.6
98 61.2 48.4 72.6



#22
Diisopropyl ether
Concen: 56.587 ug/l
RT: 5.91 min Scan# 1286
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 45 Resp: 313569
Ion Ratio Lower Upper
45 100
43 60.8 49.8 74.8
87 24.3 20.1 30.1
59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 282.342 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

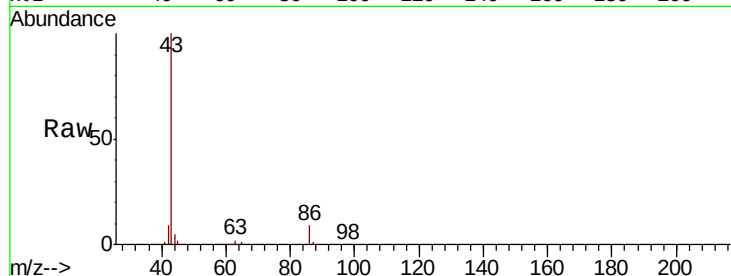
ClientSampled :

Tot Ion: 43 Resp: 1276557

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060950.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060950.D (-1178) (-)

5.85

400000

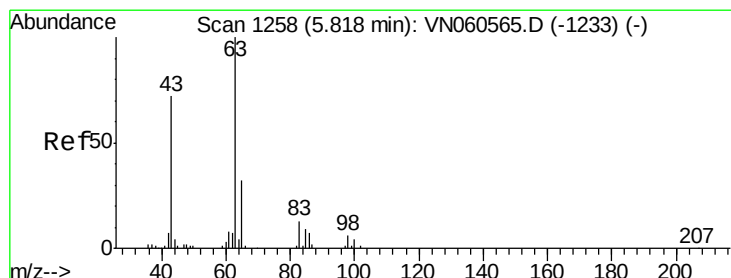
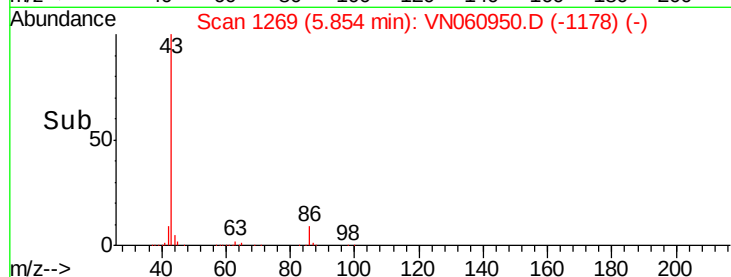
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.167 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

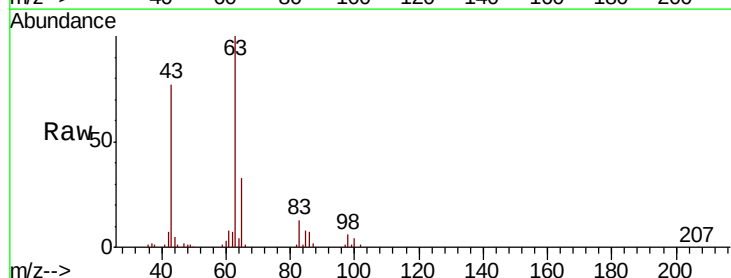
Tgt Ion: 63 Resp: 163632

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.7

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060950.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060950.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060950.D (-1165) (-)

5.81

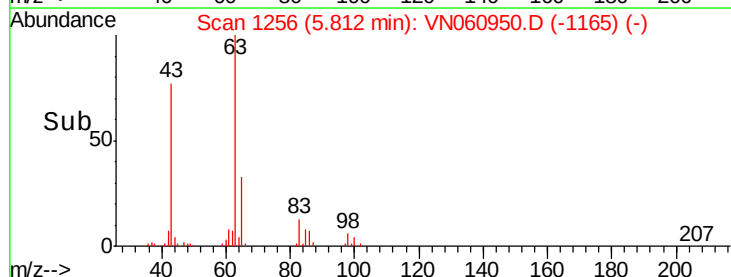
60000

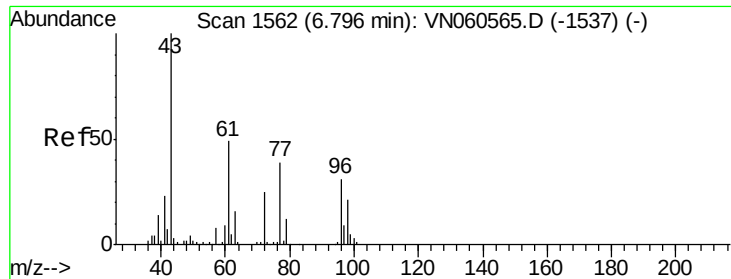
40000

20000

0

Time-->





#25

2-Butanone

Concen: 316.990 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

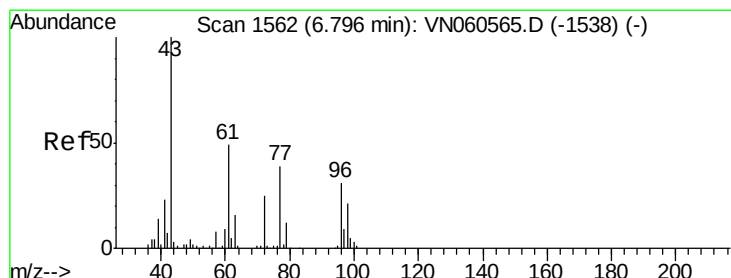
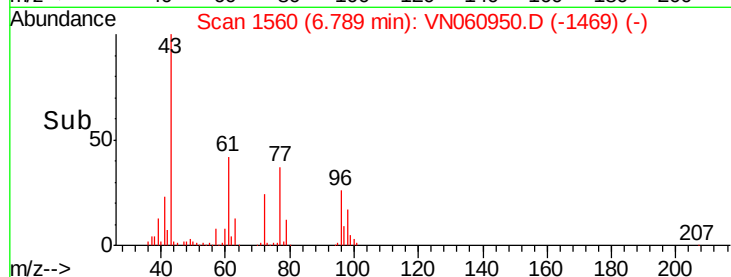
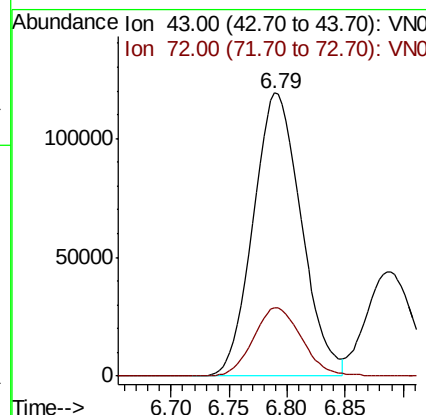
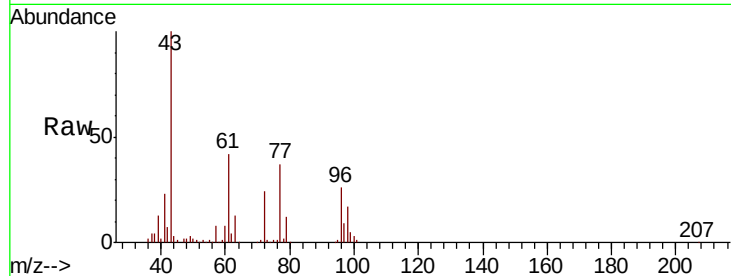
ClientSampled :

Tot Ion: 43 Resp: 343565

Ion Ratio Lower Upper

43 100

72 24.2 20.4 30.6



#26

2,2-Dichloropropane

Concen: 58.712 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN060950.D

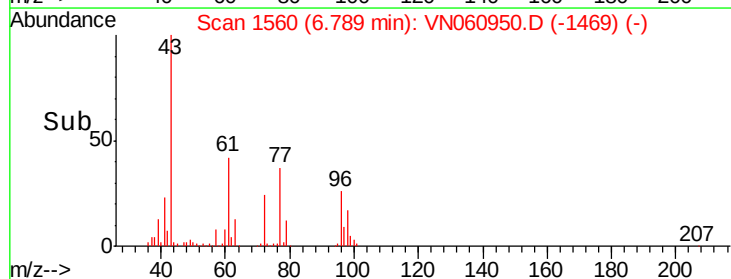
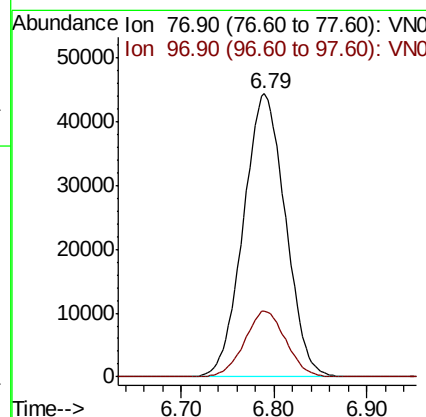
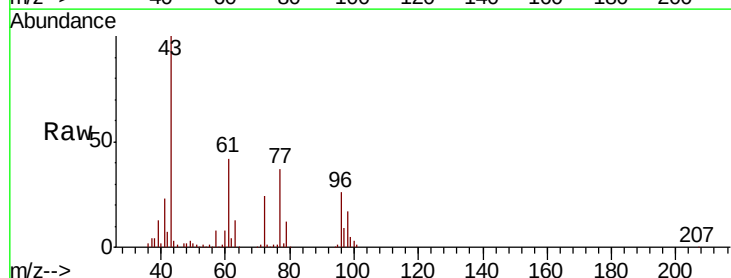
Acq: 15 Apr 2020 10:15

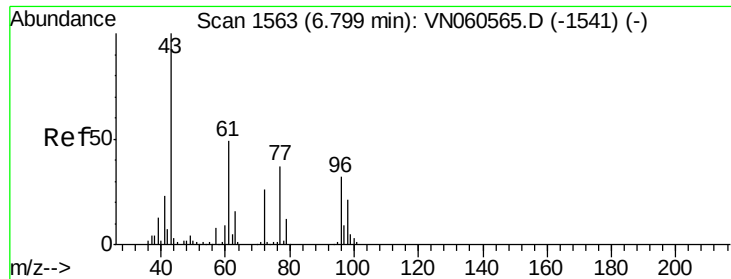
Tgt Ion: 77 Resp: 139547

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.851 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :
MSVOA_N
ClientSampleId :

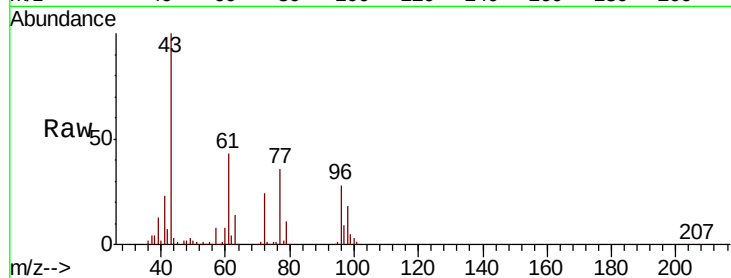
Tot Ion: 96 Resp: 93652

Ion Ratio Lower Upper

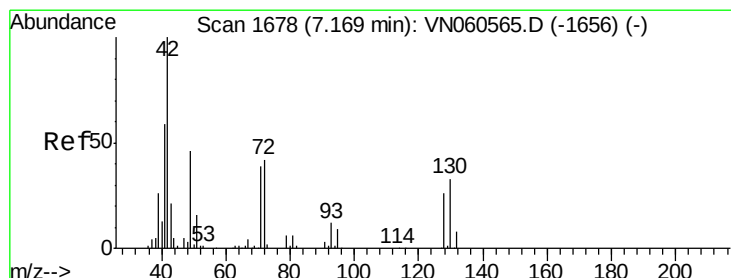
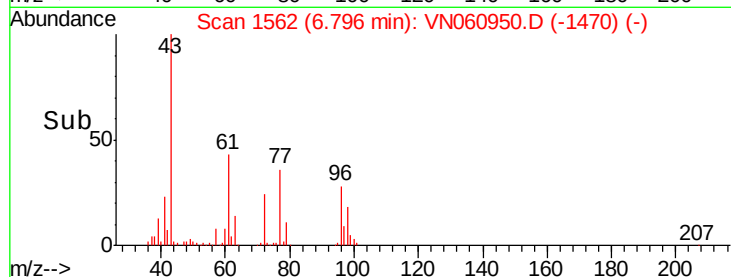
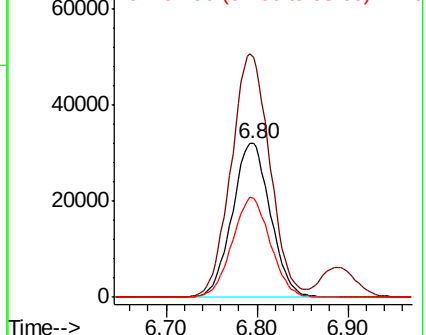
96 100

61 159.7 0.0 305.6

98 64.4 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: 57.366 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

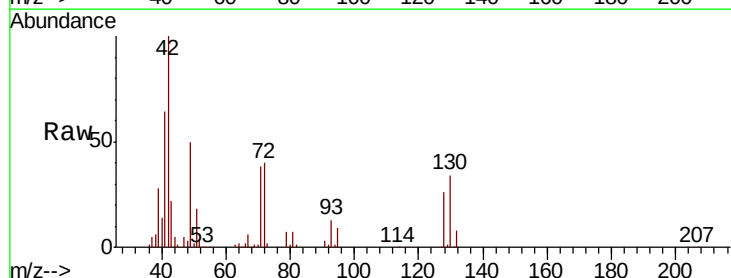
Tgt Ion: 49 Resp: 82912

Ion Ratio Lower Upper

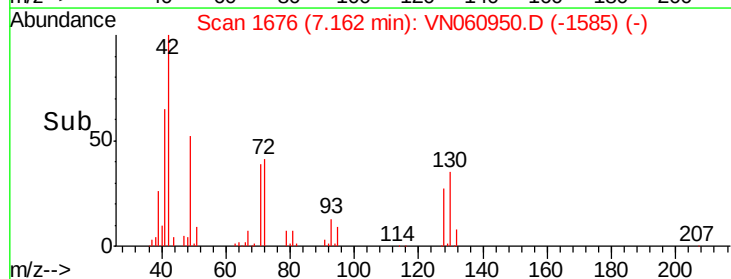
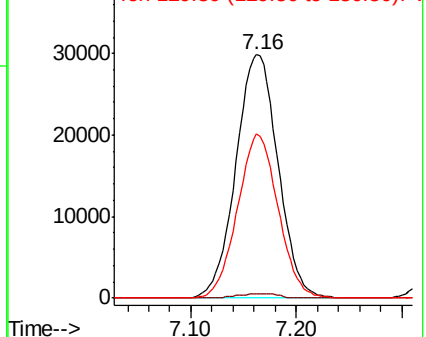
49 100

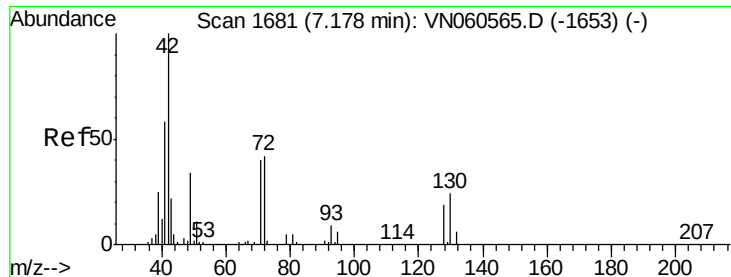
129 1.1 0.0 3.4

130 64.9 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

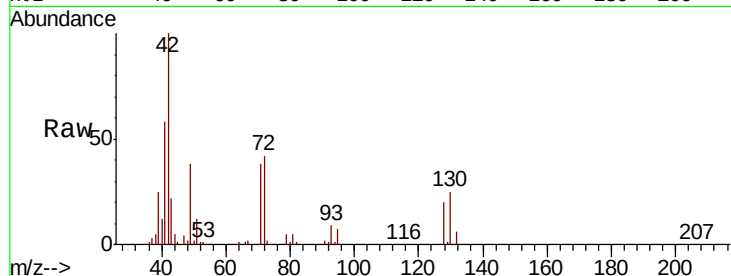




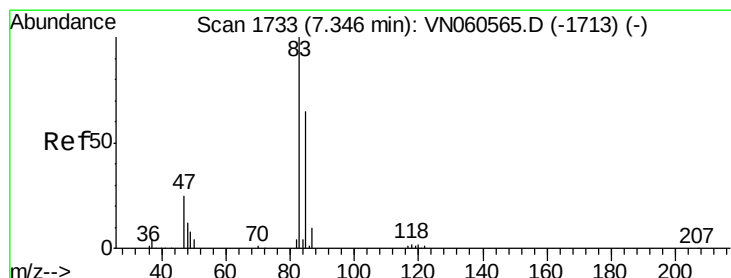
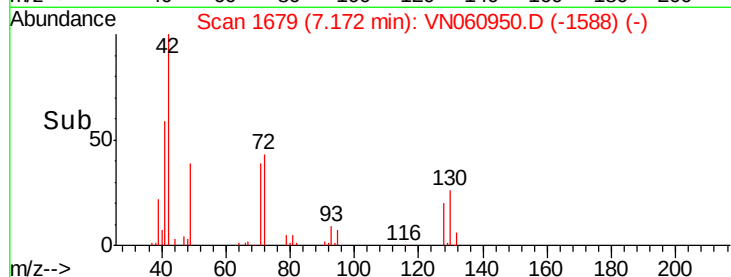
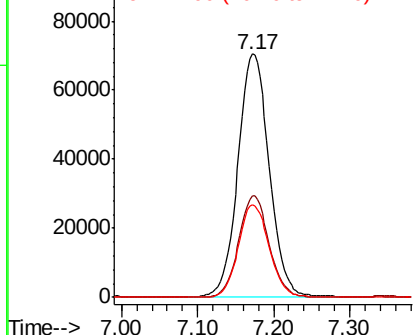
#29
Tetrahydrofuran
Concen: 263.697 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 202218
Ion Ratio Lower Upper
42 100
72 40.4 33.2 49.8
71 37.4 31.1 46.7

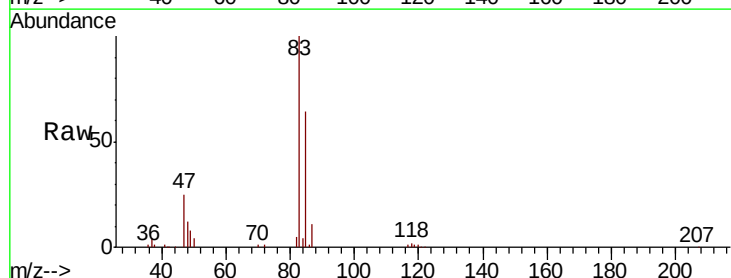


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

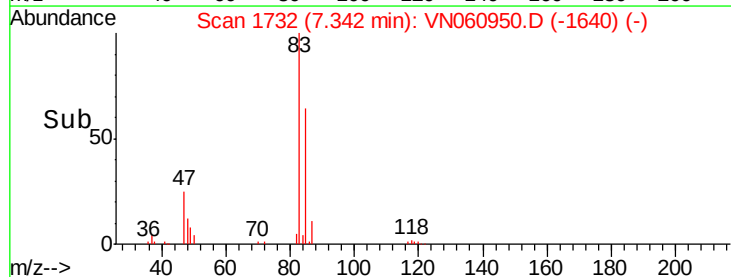
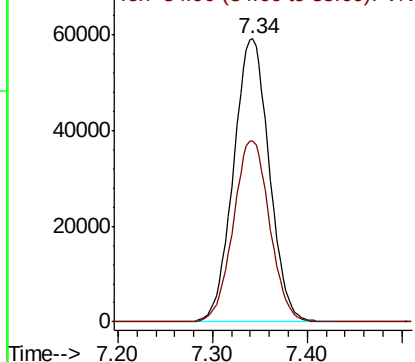


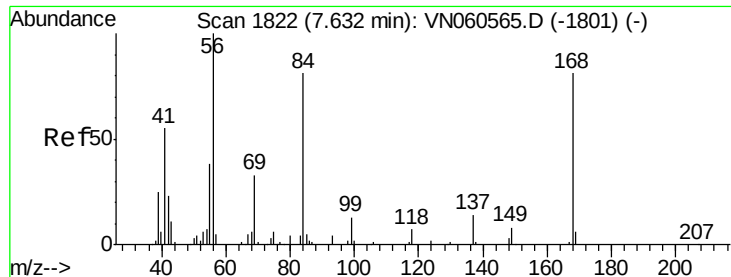
#30
Chloroform
Concen: 53.682 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 83 Resp: 155462
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8



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

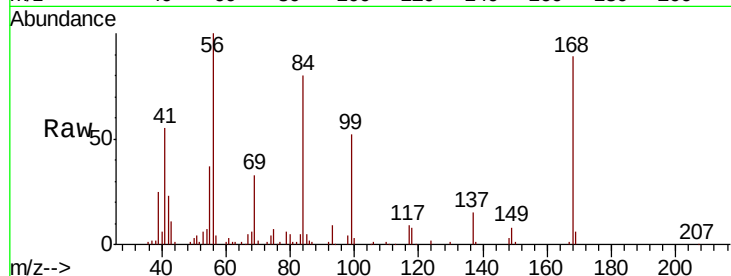




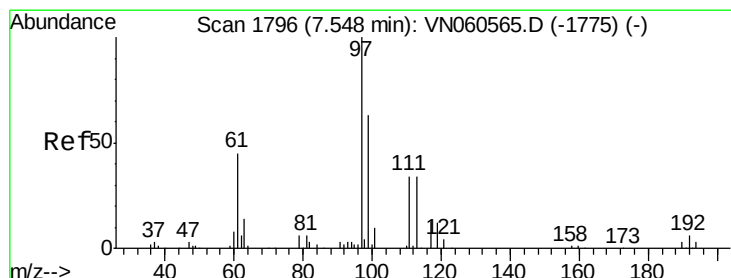
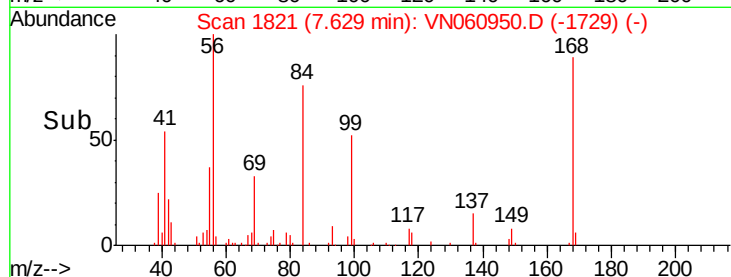
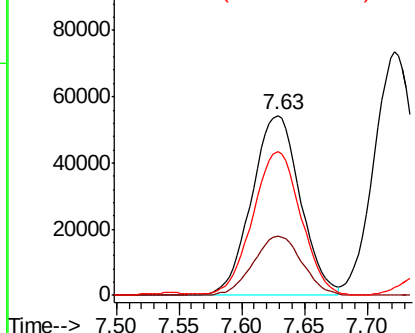
#31
Cyclohexane
Concen: 48.069 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 146393
Ion Ratio Lower Upper
56 100
69 32.8 26.6 40.0
84 78.9 64.3 96.5

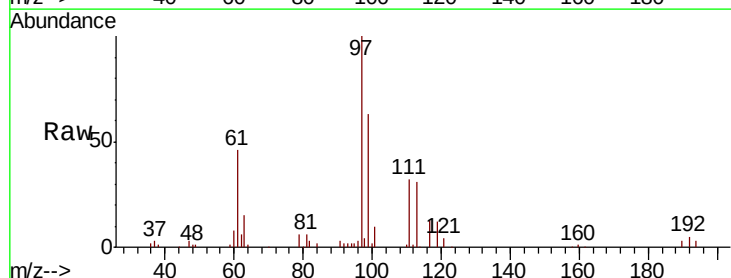


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

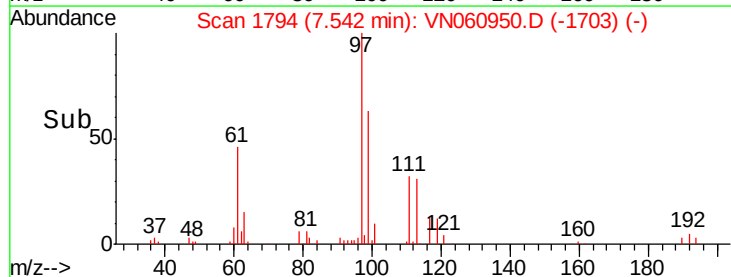
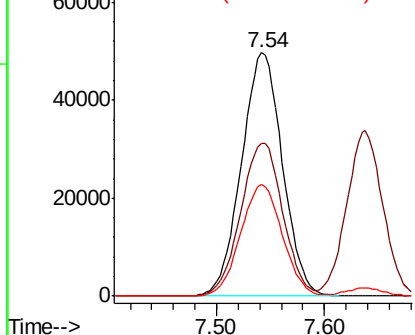


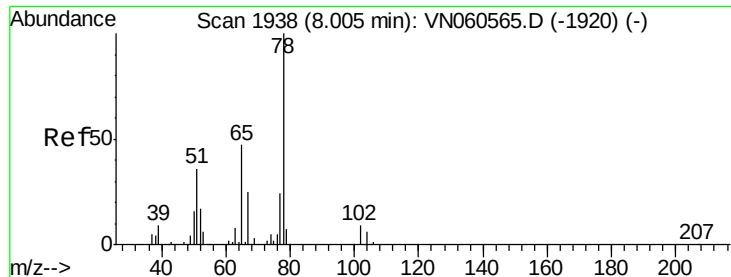
#32
1,1,1-Trichloroethane
Concen: 52.525 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 97 Resp: 131132
Ion Ratio Lower Upper
97 100
99 64.4 50.6 75.8
61 46.7 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

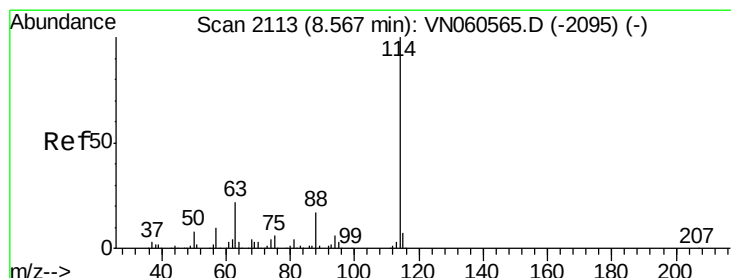
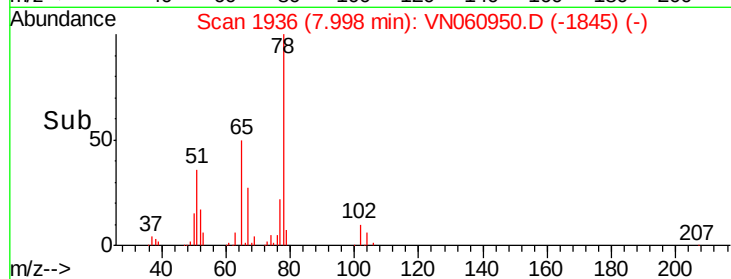
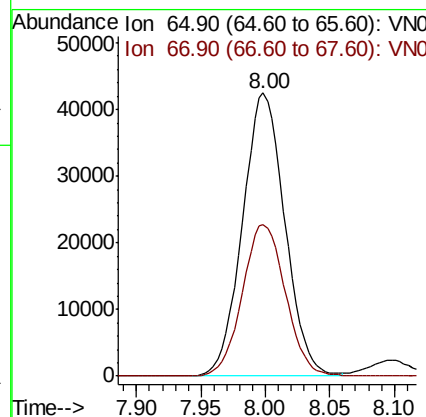
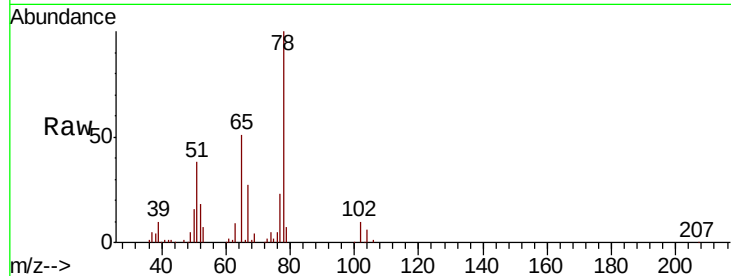




#33
 1,2-Dichloroethane-d4
 Concen: 51.335 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

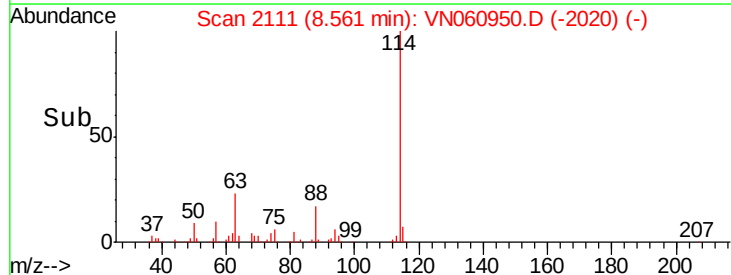
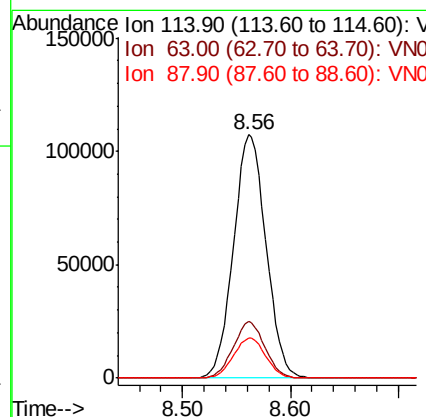
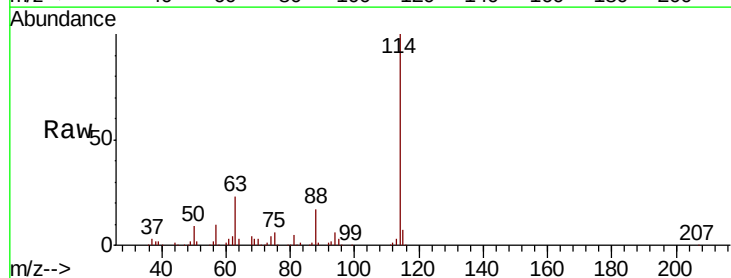
Instrument :
 MSVOA_N
 ClientSampled :

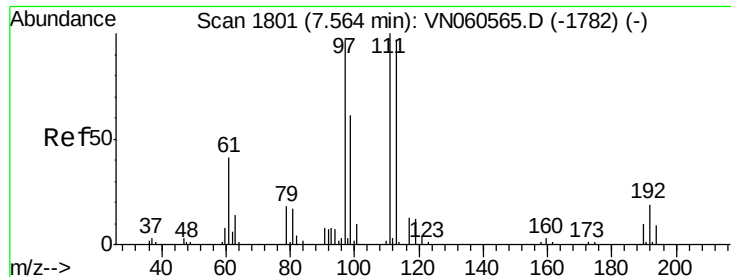
Tot Ion: 65 Resp: 97068
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 114 Resp: 225560
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.8
 88 16.6 0.0 33.0

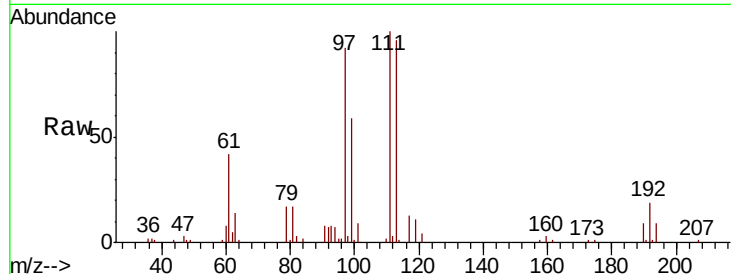




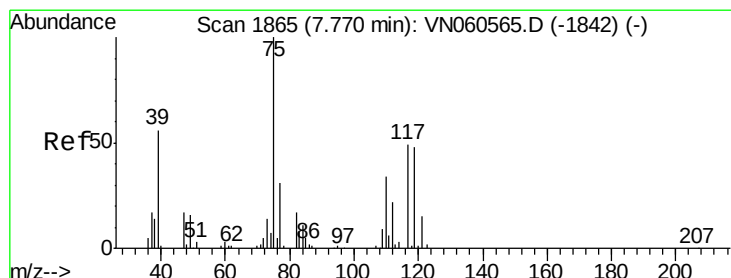
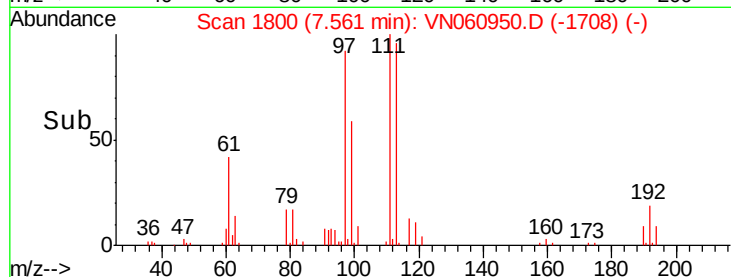
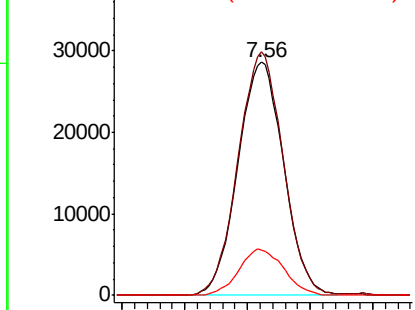
#35
 Dibromofluoromethane
 Concen: 53.270 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 72654
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.4 15.8 23.8

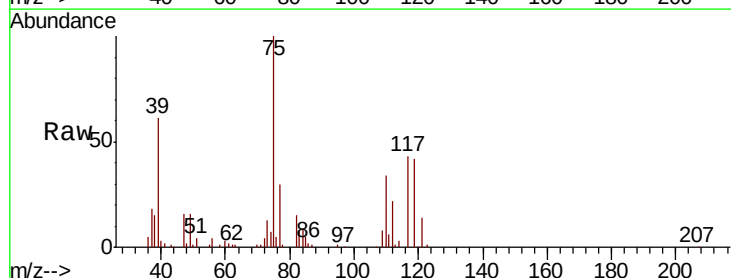


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

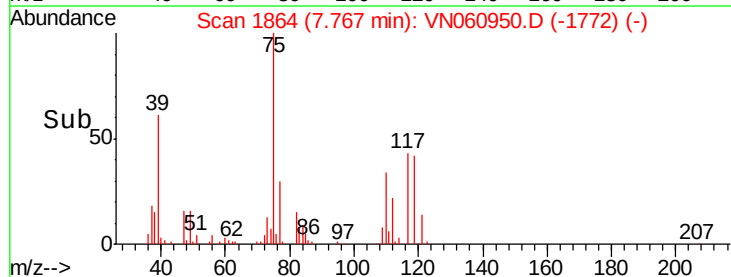
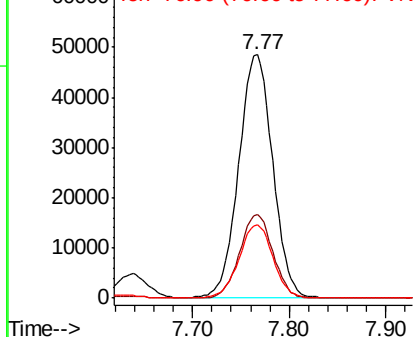


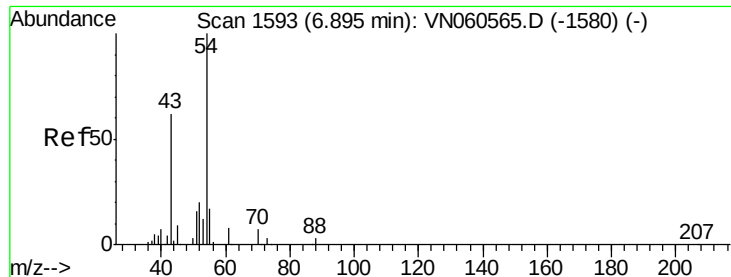
#36
 1,1-Dichloropropene
 Concen: 54.350 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 75 Resp: 118707
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 30.1 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

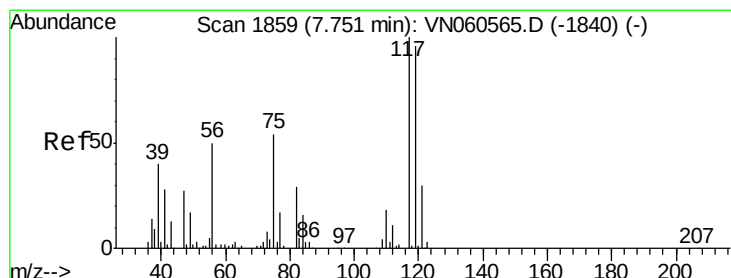
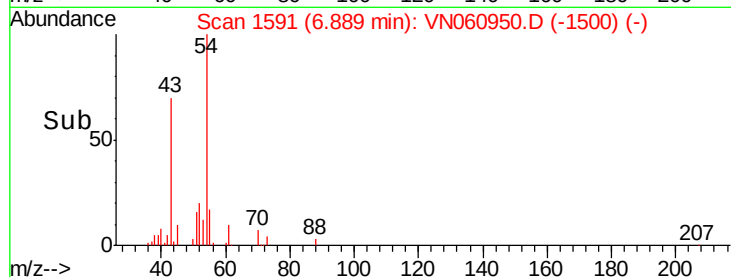
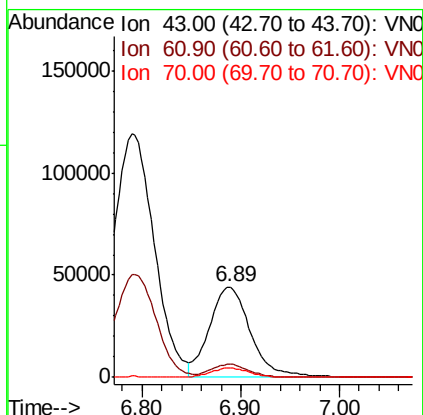
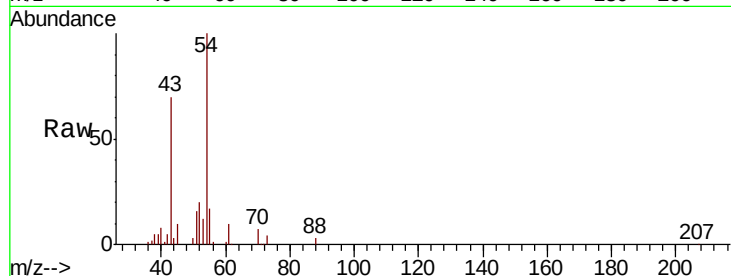




#37
Ethyl Acetate
Concen: 53.722 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

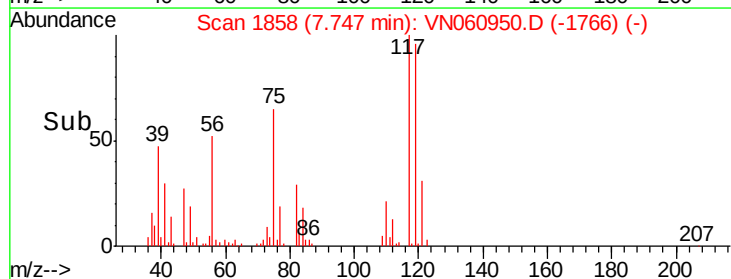
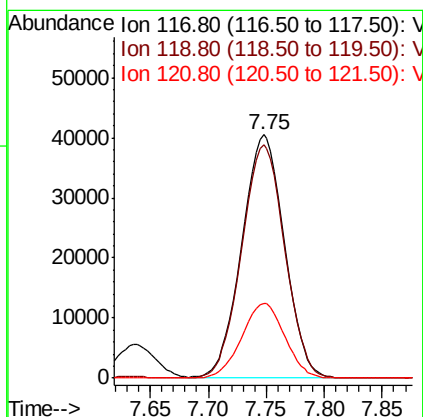
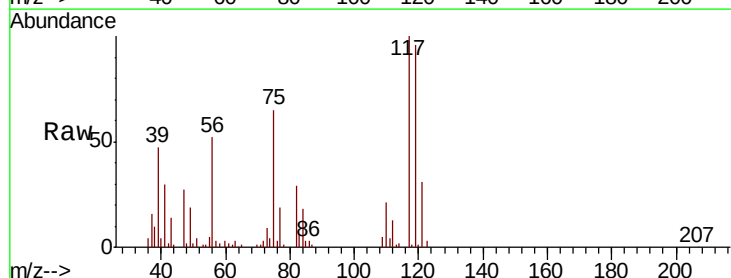
Instrument :
MSVOA_N
ClientSampleId :

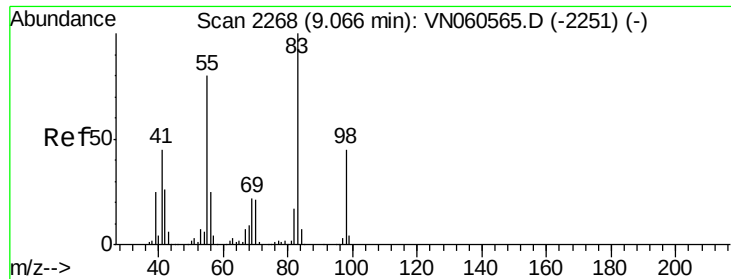
Tot Ion: 43 Resp: 126784
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 52.990 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 117 Resp: 103730
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
121 30.9 23.7 35.5

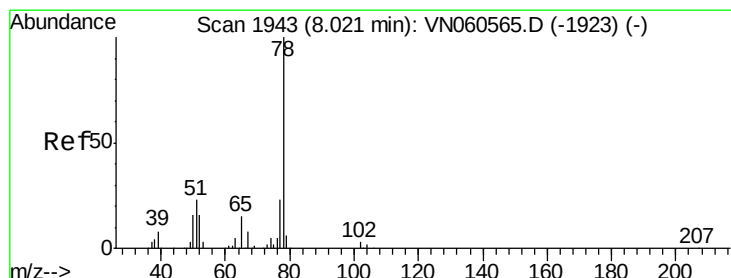
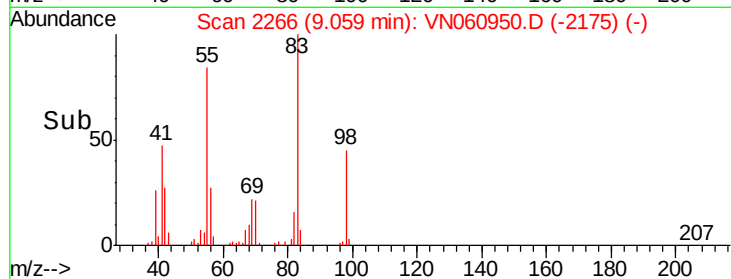
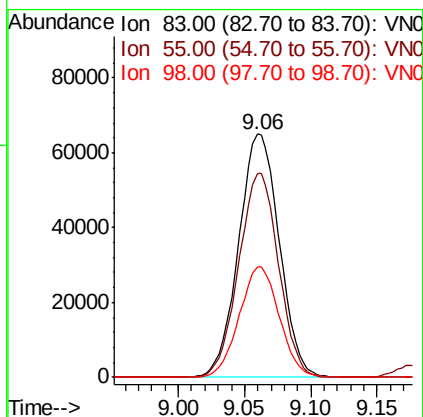
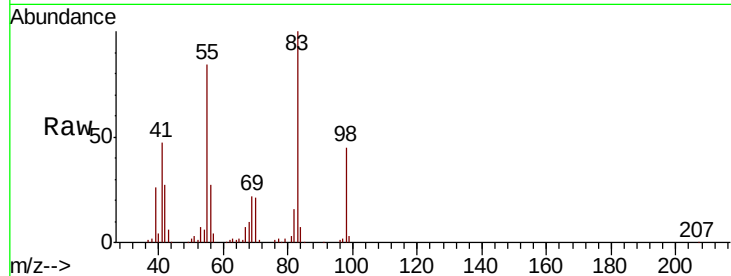




#39
Methvlcvclohexane
Concen: 53.311 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

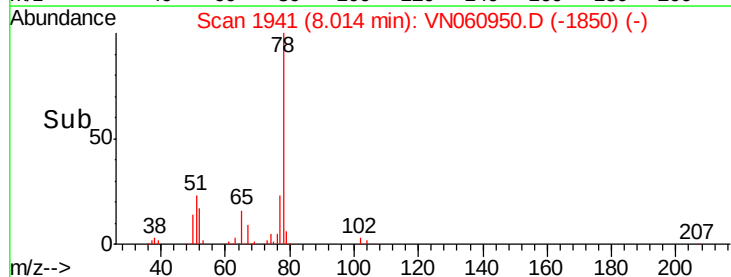
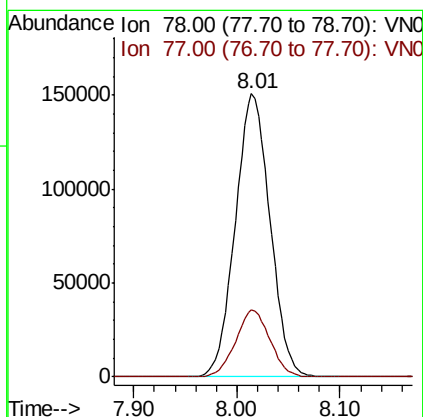
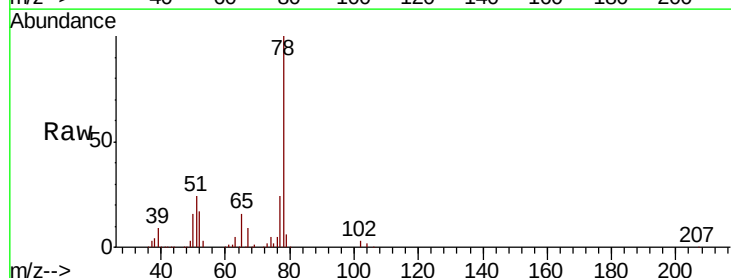
Instrument :
MSVOA_N
ClientSampled :

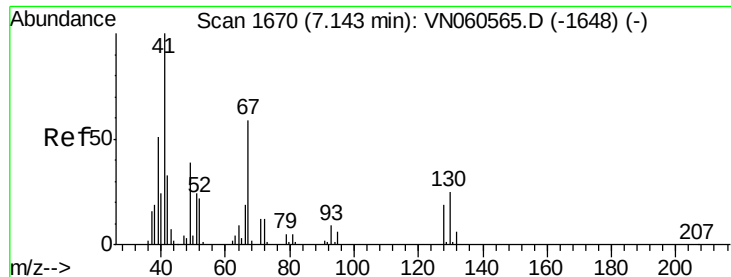
Tot Ion: 83 Resp: 138371
Ion Ratio Lower Upper
83 100
55 83.6 63.6 95.4
98 45.1 36.0 54.0



#40
Benzene
Concen: 53.583 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 78 Resp: 353292
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

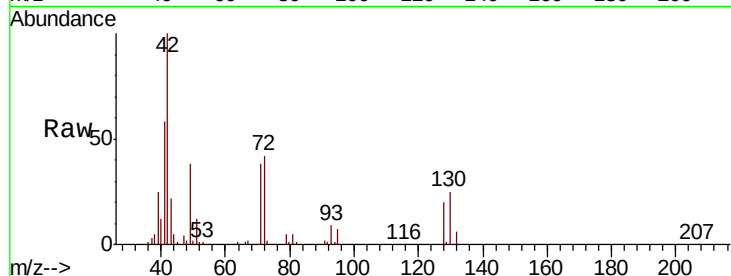




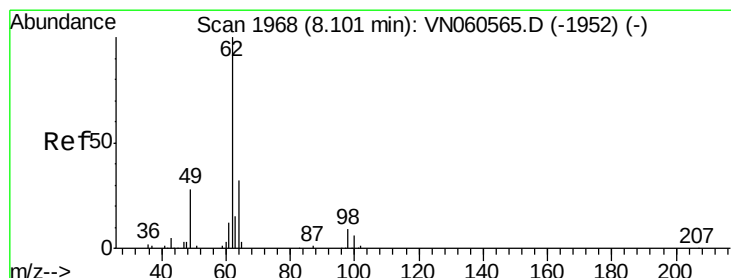
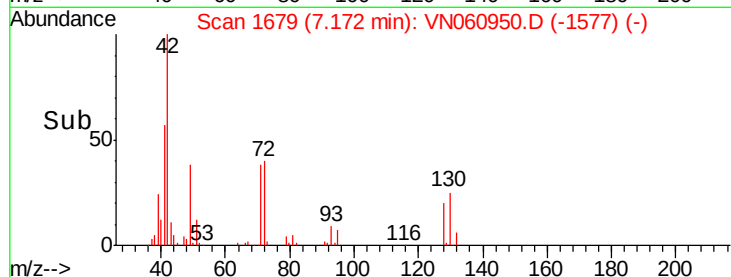
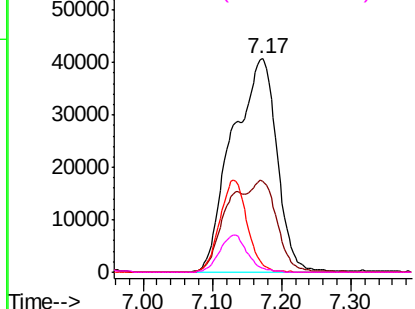
#41
Methacrylonitrile
Concen: 180.633 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	181929
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

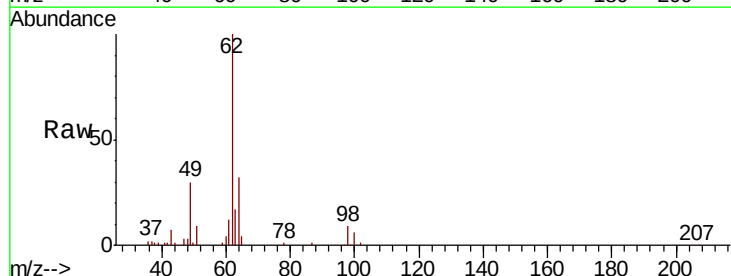


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

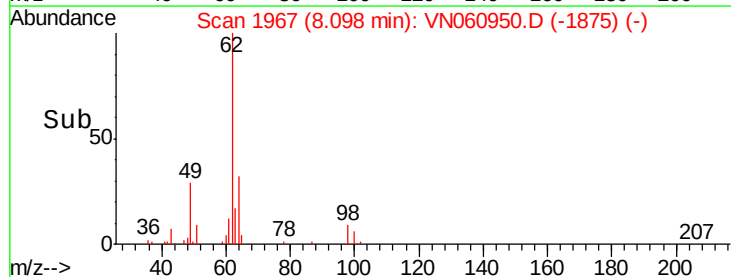
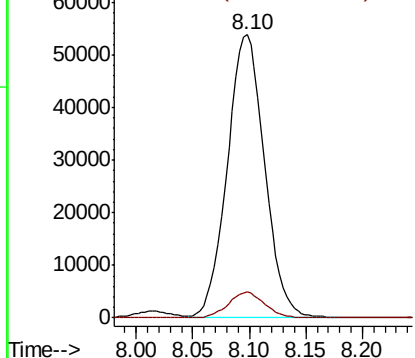


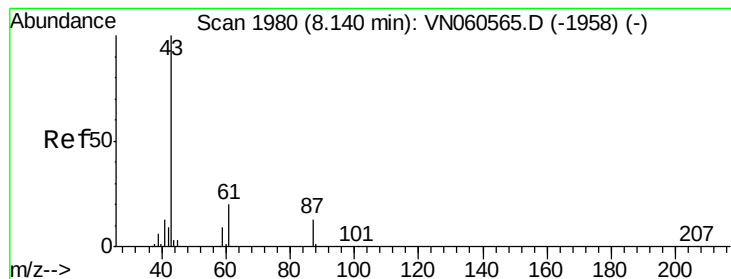
#42
1,2-Dichloroethane
Concen: 54.917 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion:	62	Resp:	123744
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 56.613 ug/l

RT: 8.13 min Scan# 1978

Delta R.T. -0.01 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampleId :

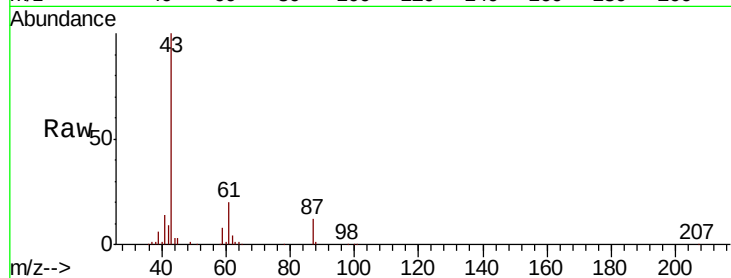
Tot Ion: 43 Resp: 220343

Ion Ratio Lower Upper

43 100

61 25.6 20.7 31.1

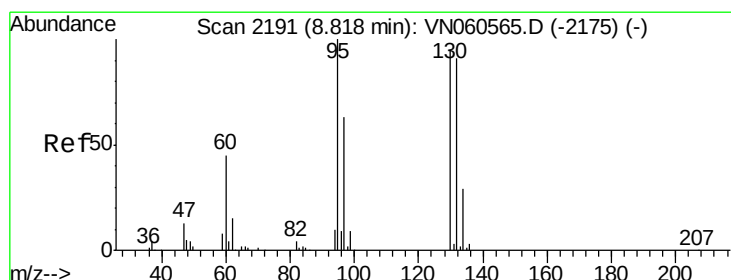
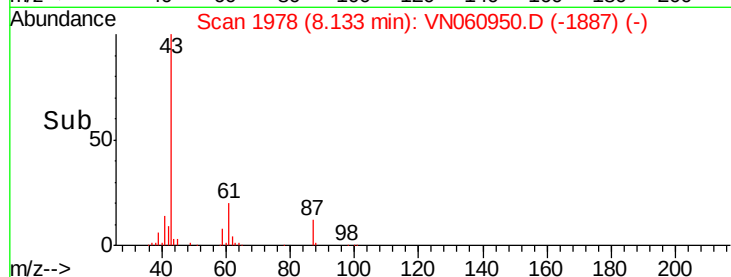
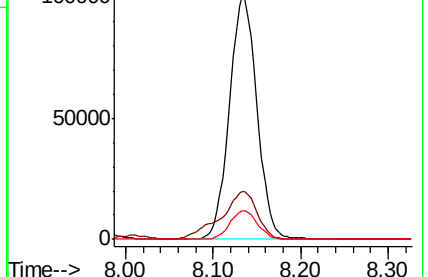
87 11.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060950.D (-1978) (-)

Ion 61.00 (60.70 to 61.70): VN060950.D (-1978) (-)

Ion 87.00 (86.70 to 87.70): VN060950.D (-1978) (-)



#44

Trichloroethene

Concen: 53.565 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060950.D

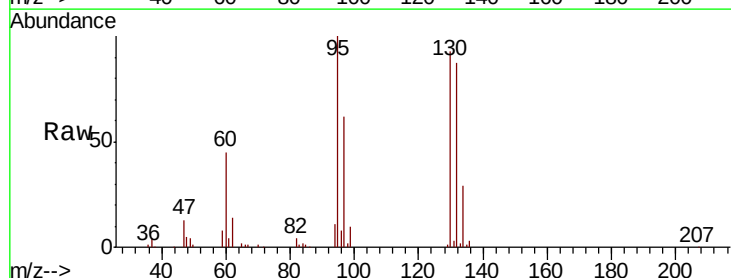
Acq: 15 Apr 2020 10:15

Tgt Ion:130 Resp: 89031

Ion Ratio Lower Upper

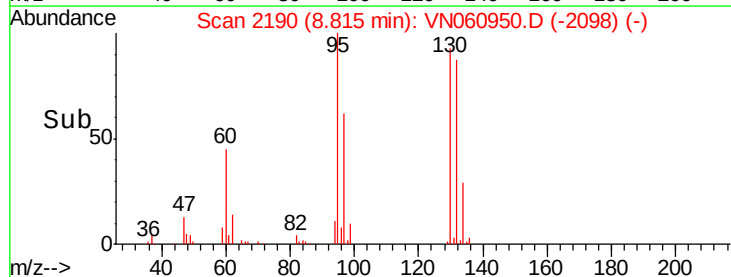
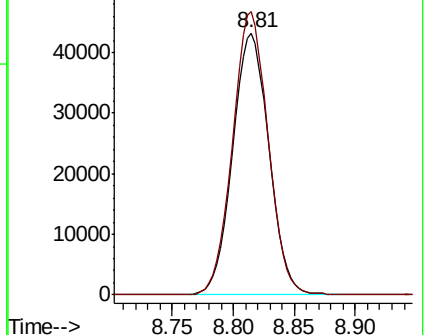
130 100

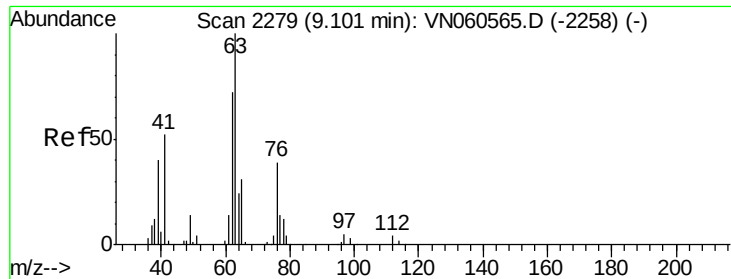
95 108.1 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060950.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN060950.D (-2190) (-)

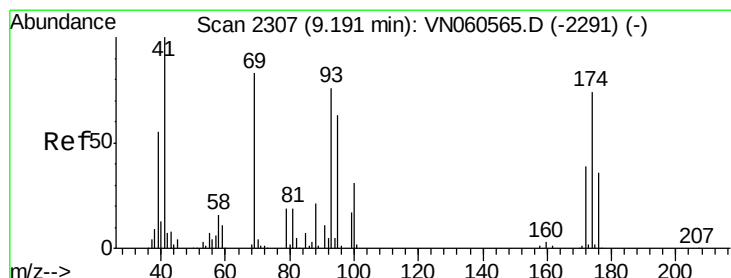
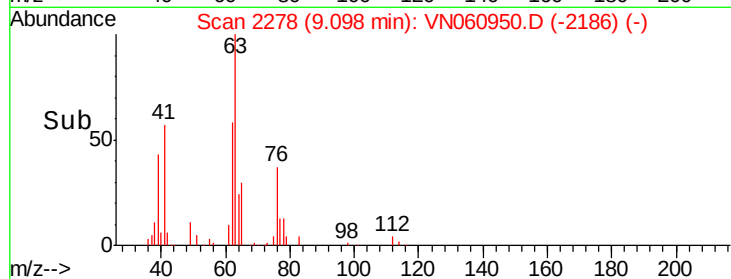
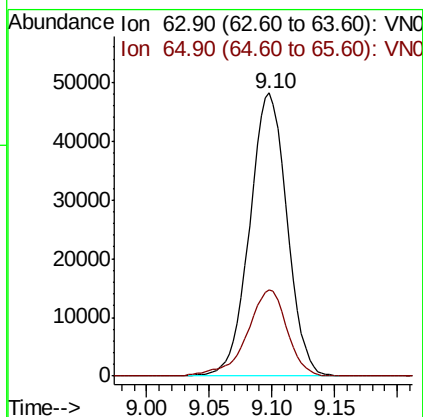
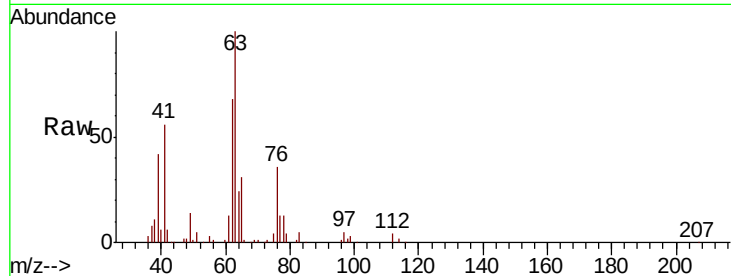




#45
 1,2-Dichloropropane
 Concen: 57.416 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

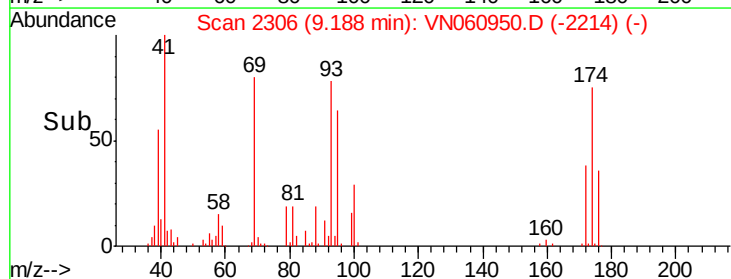
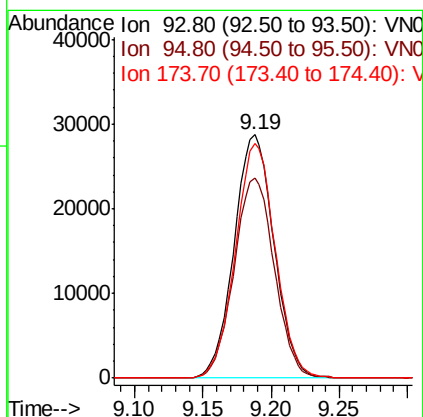
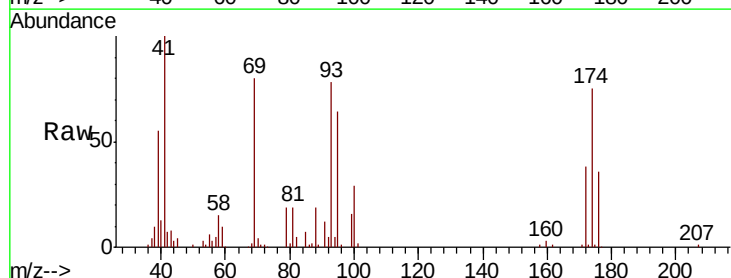
Instrument :
 MSVOA_N
 ClientSampled :

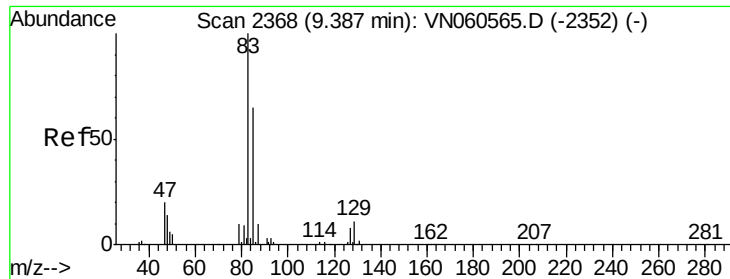
Tot Ion: 63 Resp: 99891
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0



#46
 Dibromomethane
 Concen: 55.544 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 93 Resp: 58421
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 96.0 77.9 116.9

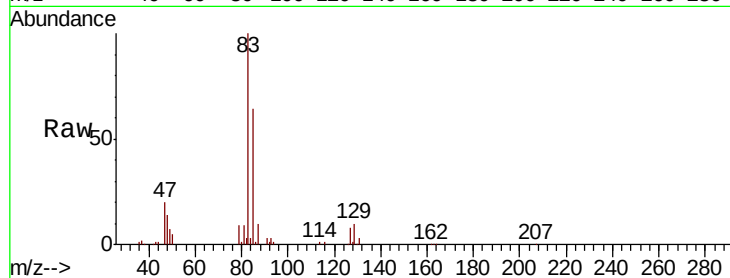




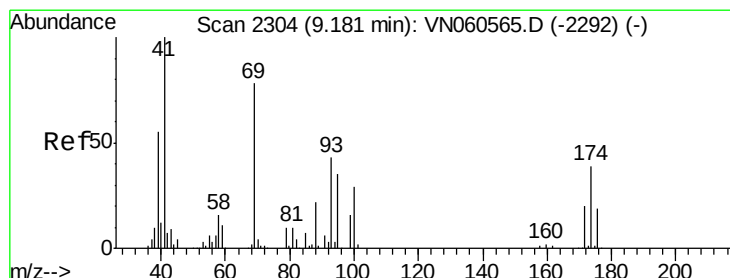
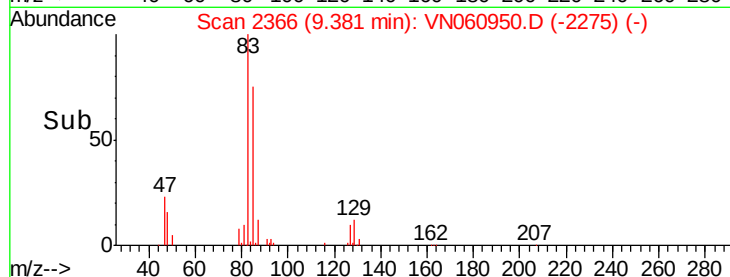
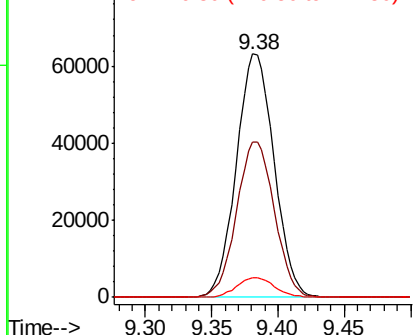
#47
Bromodichloromethane
Concen: 57.273 ug/l
RT: 9.38 min Scan# 2366
Delta R.T. -0.01 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 125178
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.6
127 8.2 6.5 9.7

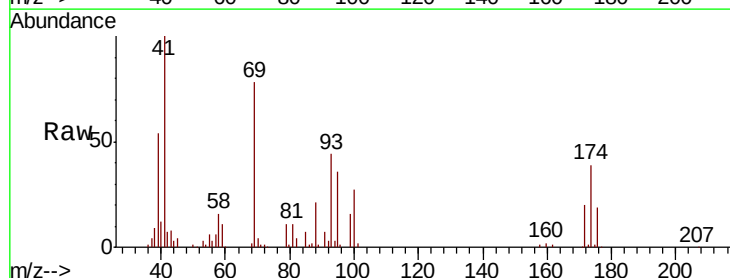


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

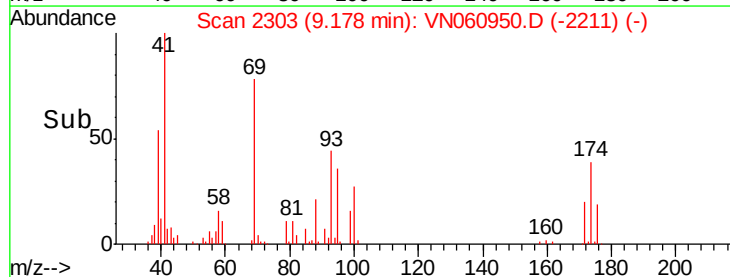
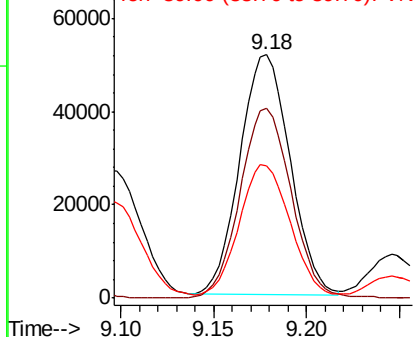


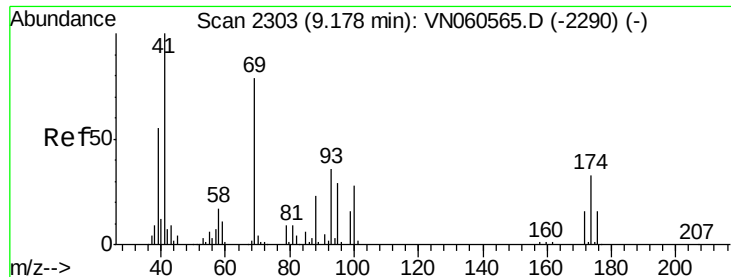
#48
Methyl methacrylate
Concen: 56.127 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 41 Resp: 97260
Ion Ratio Lower Upper
41 100
69 80.4 65.4 98.0
39 57.1 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

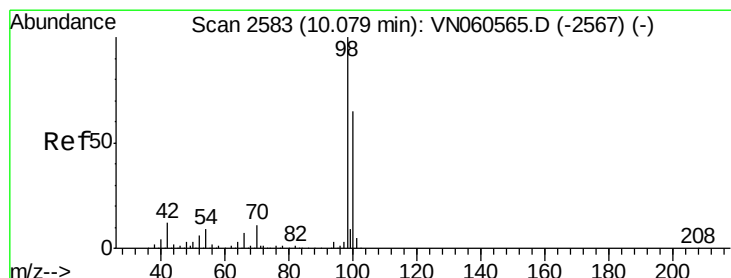
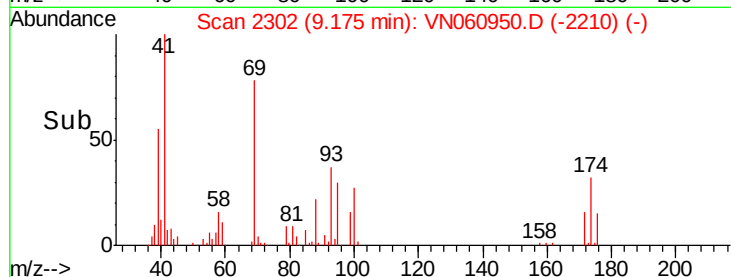
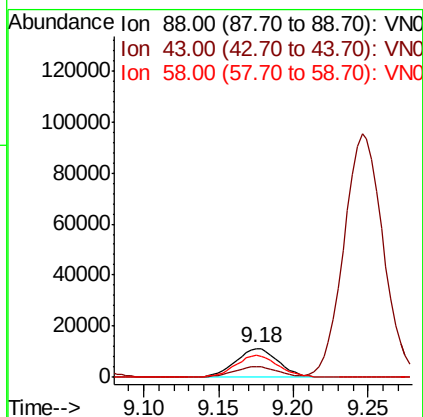
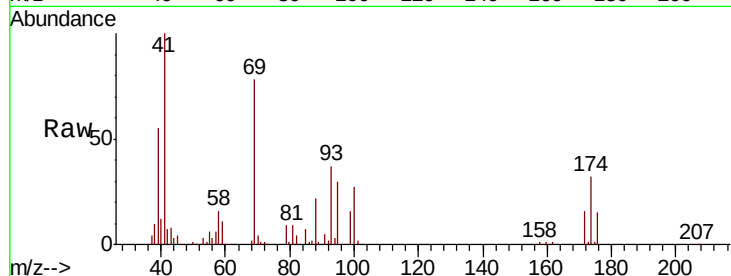




#49
1,4-Dioxane
Concen: 1094.668 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

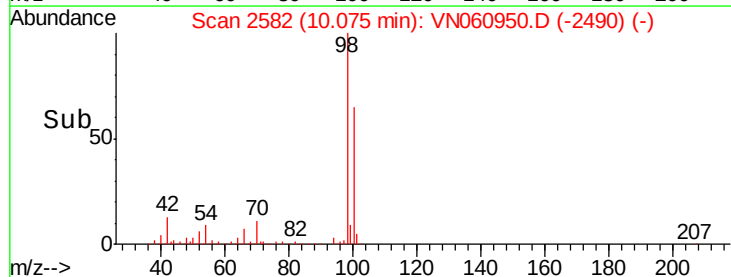
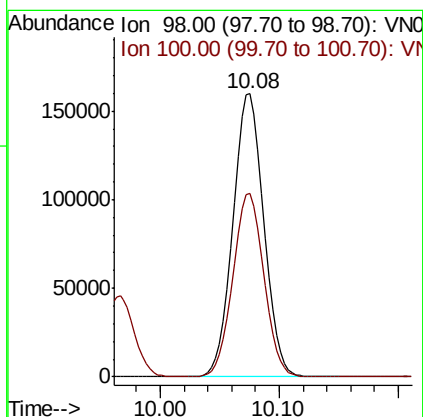
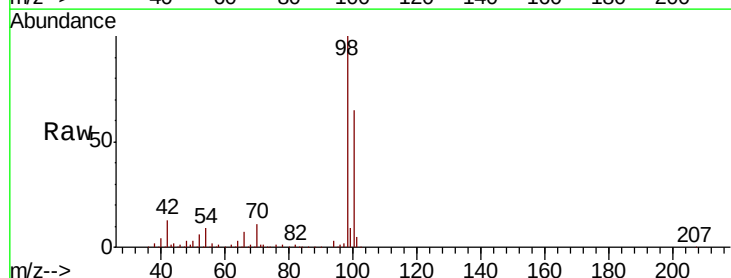
Instrument :
MSVOA_N
ClientSampled :

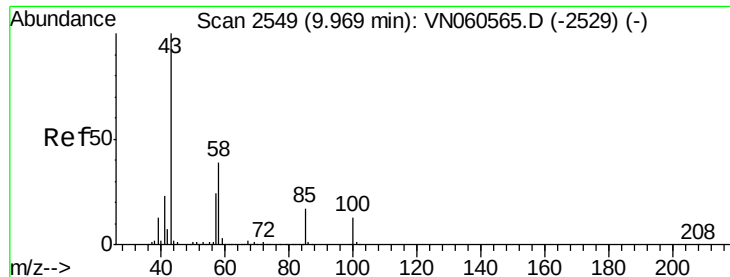
Tot Ion: 88 Resp: 22547
Ion Ratio Lower Upper
88 100
43 38.5 30.8 46.2
58 76.8 59.8 89.8



#50
Toluene-d8
Concen: 51.579 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 98 Resp: 287346
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8

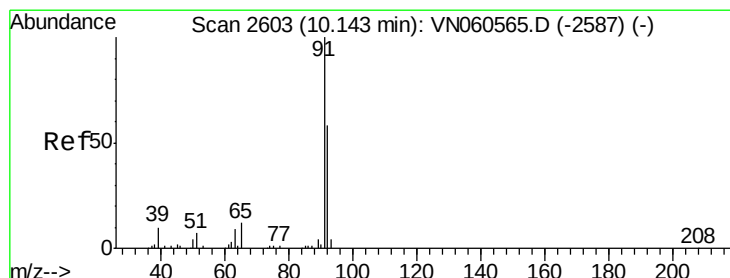
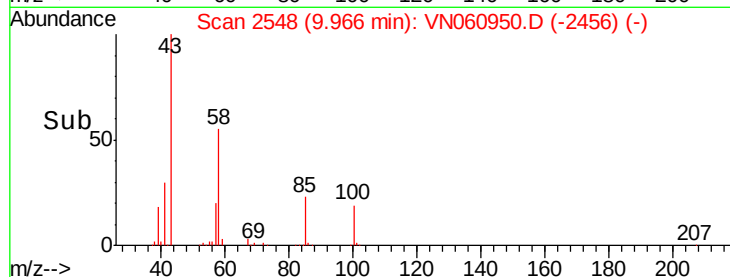
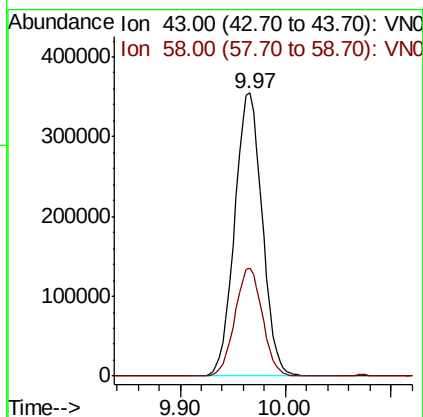
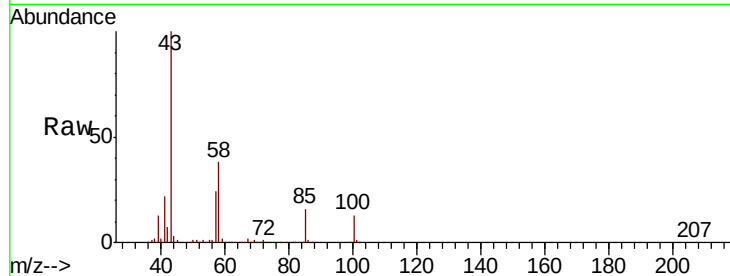




#51
 4-Methyl-2-Pentanone
 Concen: 289.854 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

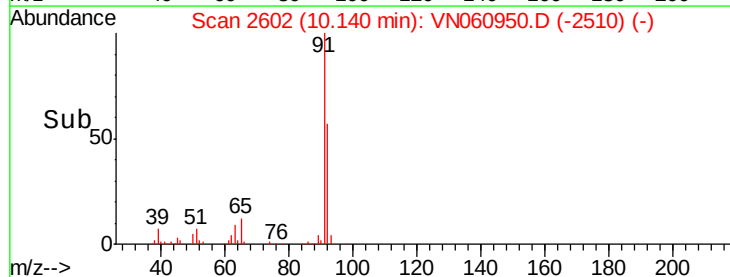
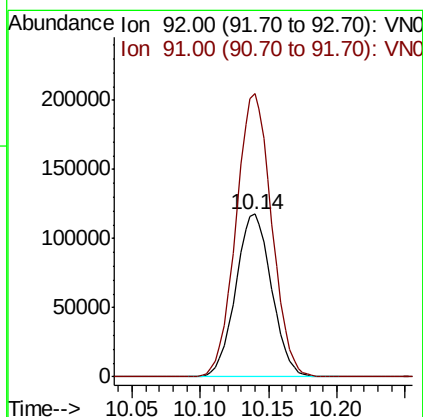
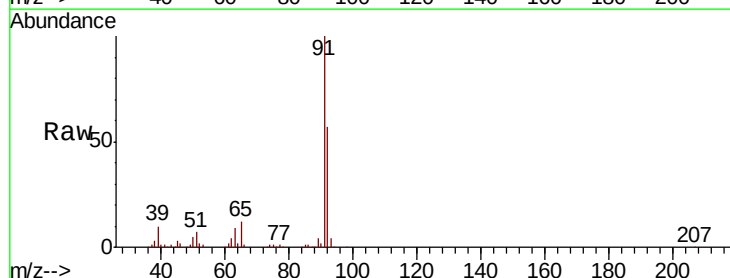
Instrument :
 MSVOA_N
 ClientSampled :

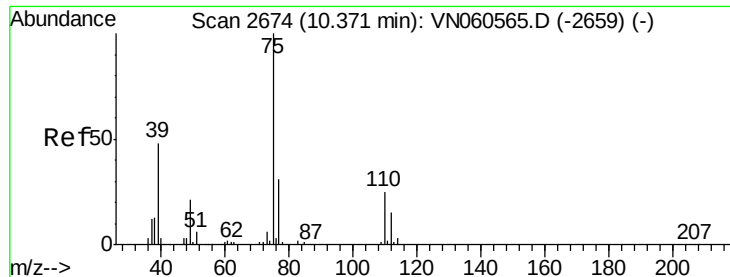
Tot Ion: 43 Resp: 641958
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.8 46.2



#52
 Toluene
 Concen: 54.004 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 92 Resp: 215040
 Ion Ratio Lower Upper
 92 100
 91 172.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 58.083 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

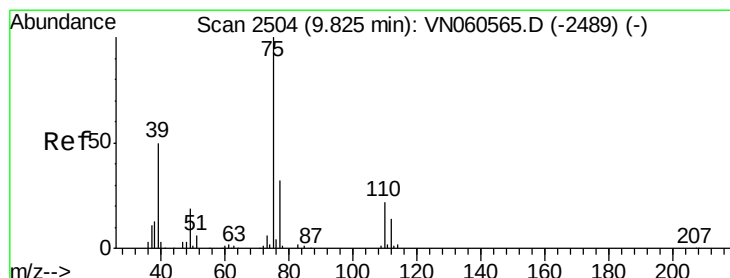
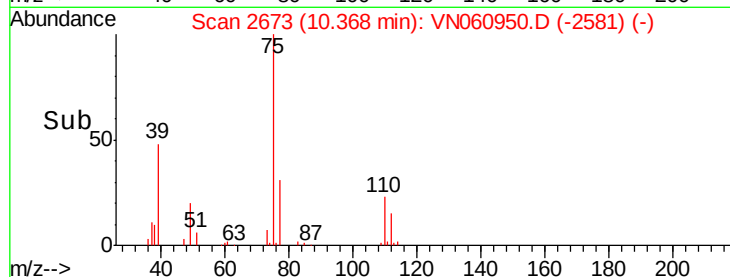
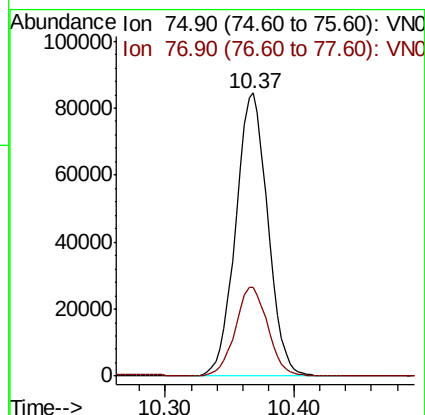
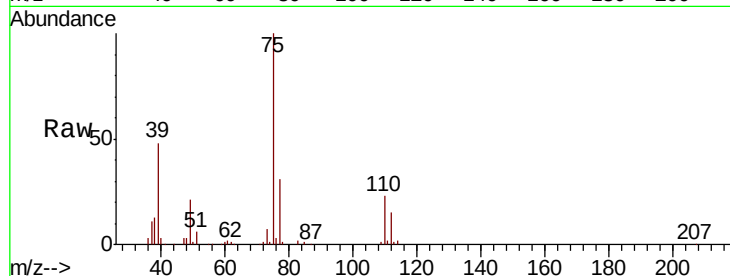
ClientSampled :

Tot Ion: 75 Resp: 145822

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 56.701 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

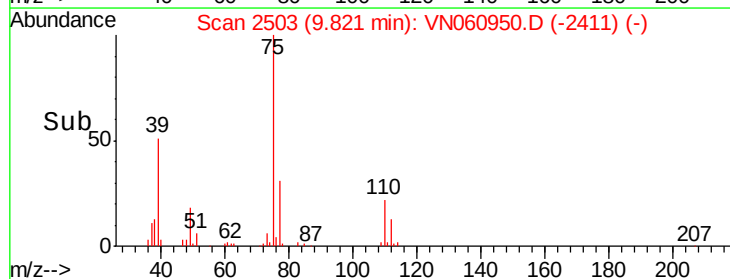
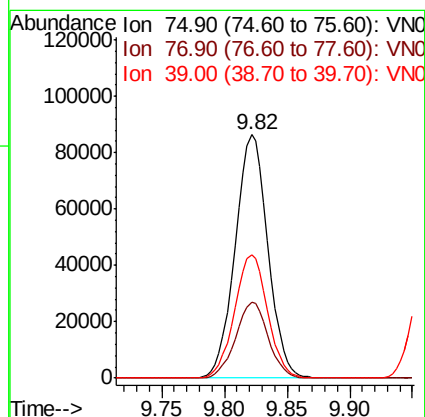
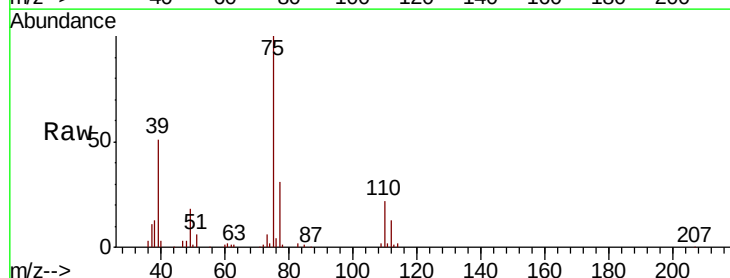
Tgt Ion: 75 Resp: 156169

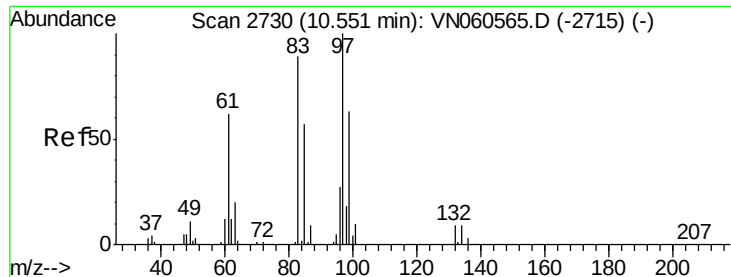
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 50.8 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 55.742 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 85391

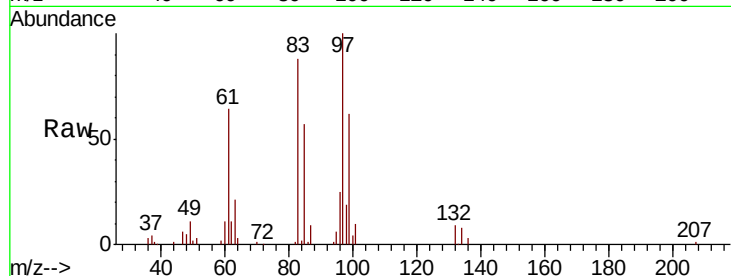
Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.3	106.9
85	56.9	45.2	67.8
99	61.8	50.1	75.1

97 100

83 88.2 71.3 106.9

85 56.9 45.2 67.8

99 61.8 50.1 75.1



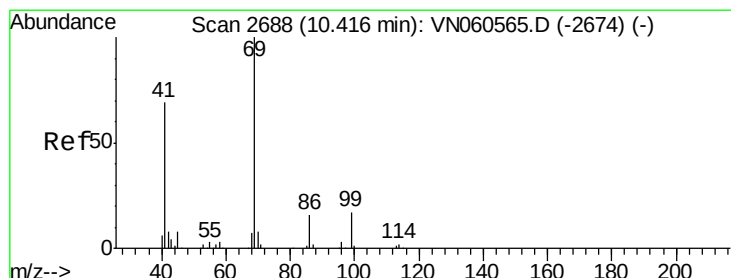
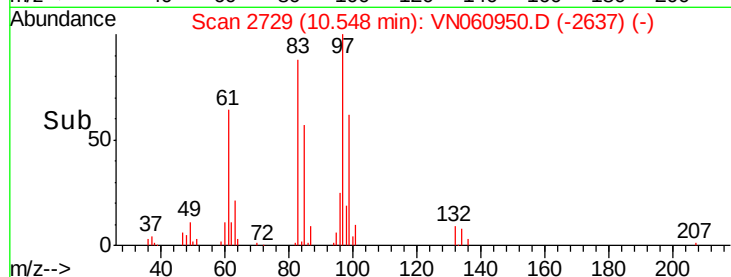
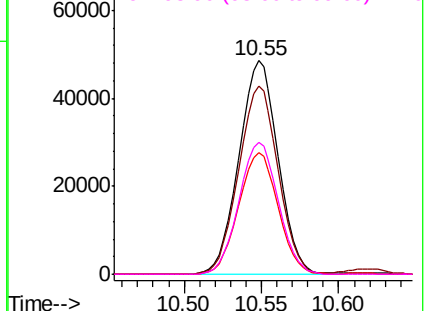
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 57.820 ug/l

RT: 10.41 min Scan# 2687

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

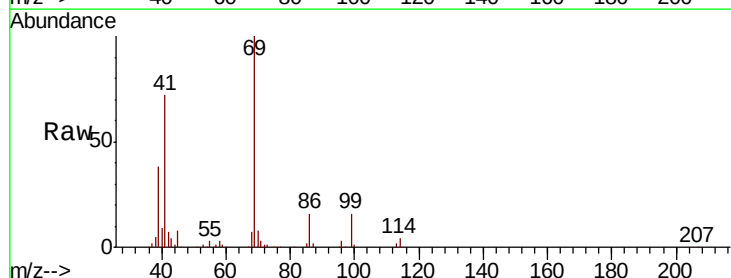
Tgt Ion: 69 Resp: 138109

Ion	Ratio	Lower	Upper
69	100		
41	70.5	55.4	83.2
39	38.0	29.4	44.0

69 100

41 70.5 55.4 83.2

39 38.0 29.4 44.0

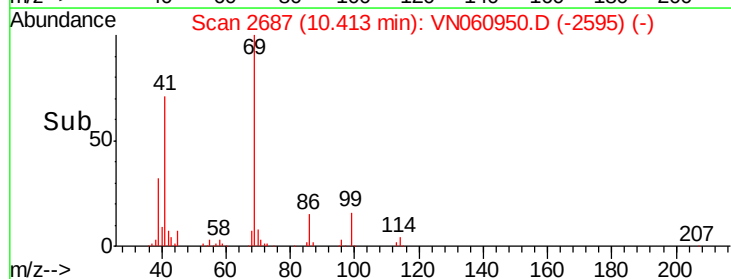
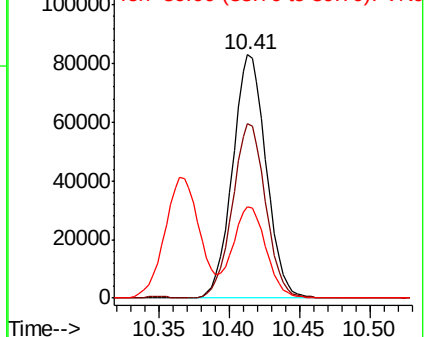


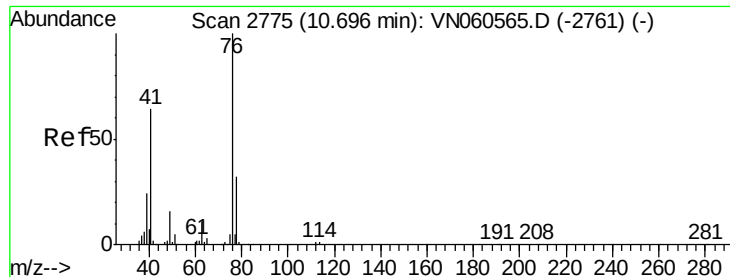
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 56.433 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

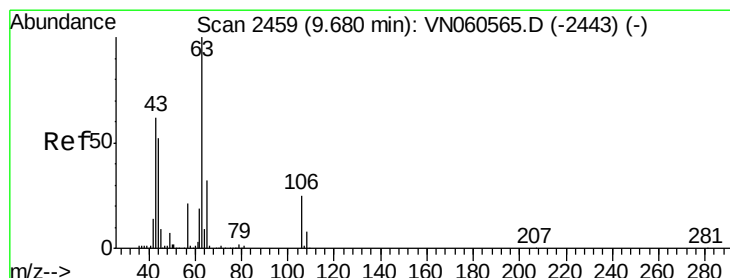
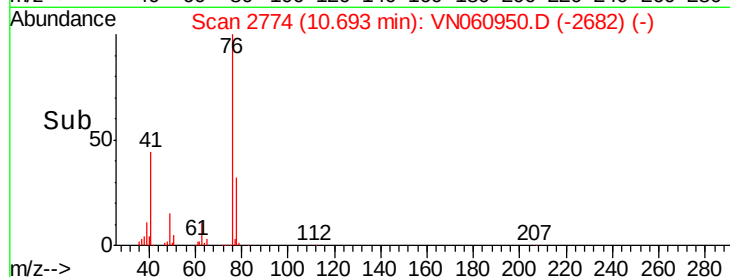
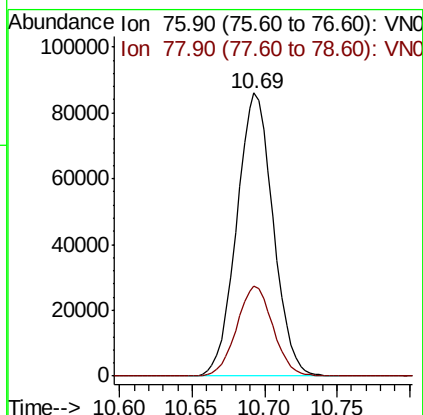
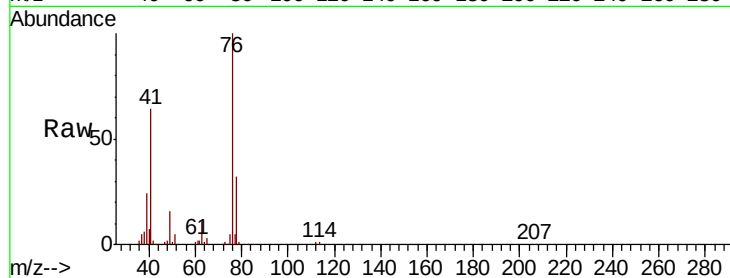
ClientSampleId :

Tot Ion: 76 Resp: 150017

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 279.023 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060950.D

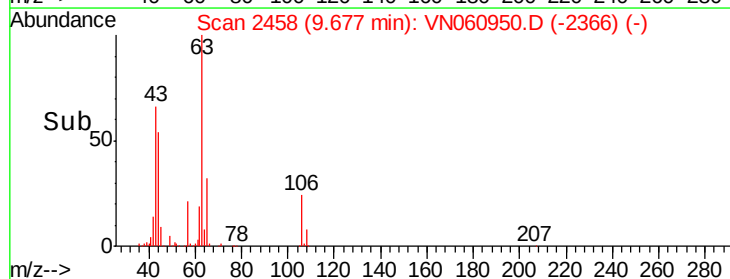
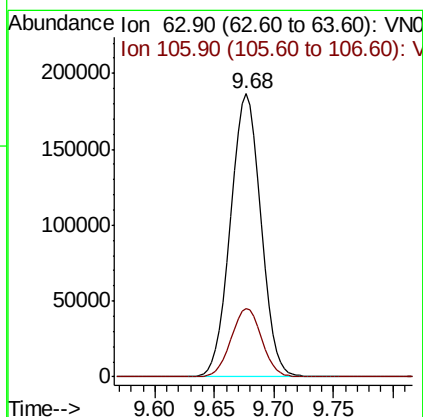
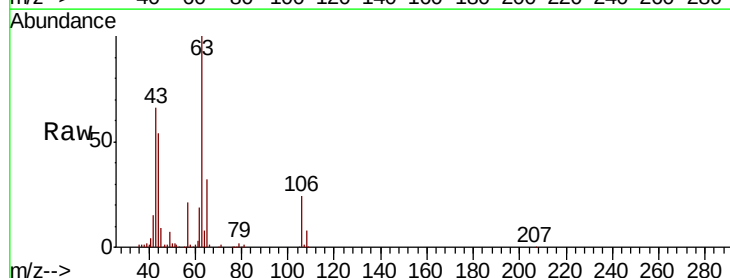
Acq: 15 Apr 2020 10:15

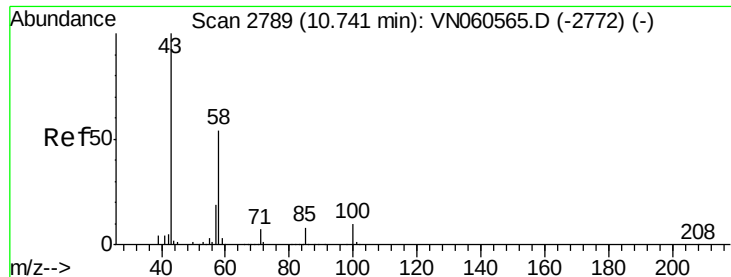
Tgt Ion: 63 Resp: 331244

Ion Ratio Lower Upper

63 100

106 24.3 20.0 30.0

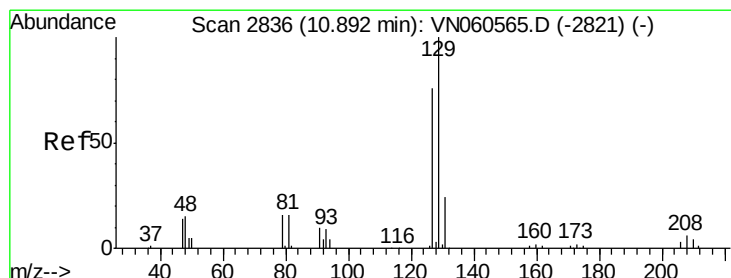
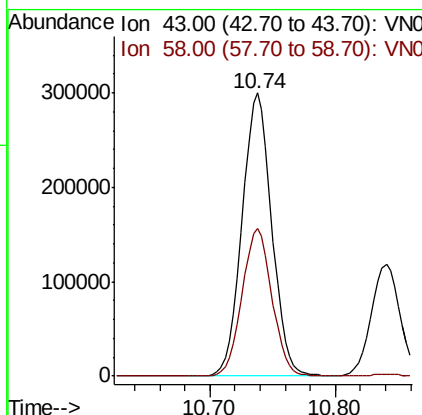
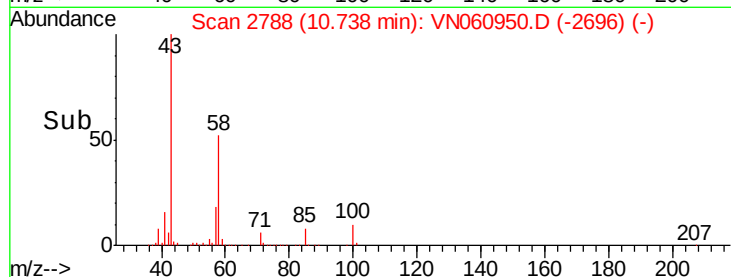
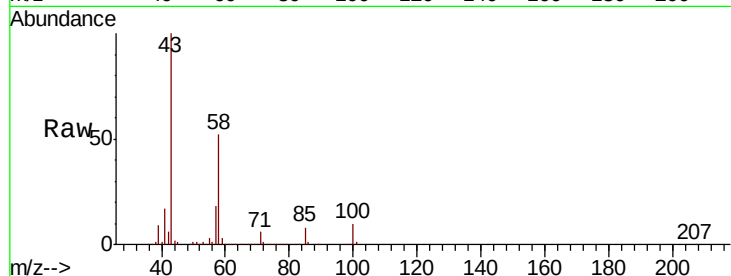




#59
2-Hexanone
Concen: 308.726 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

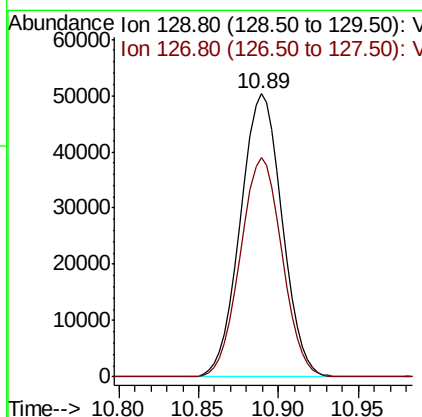
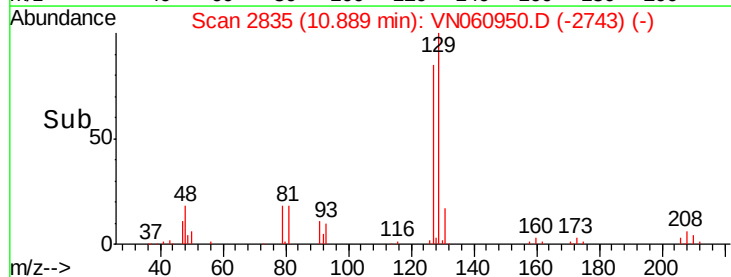
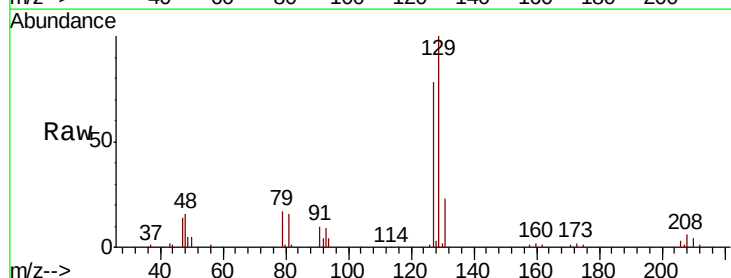
Instrument :
MSVOA_N
ClientSampleId :

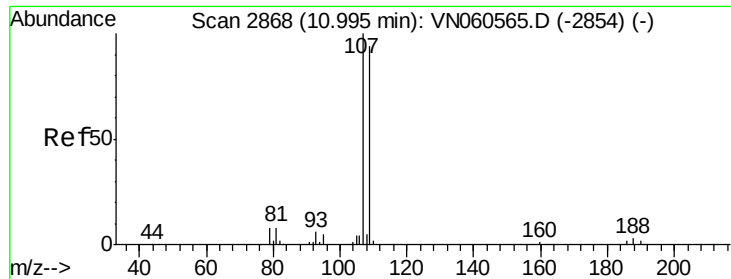
Tot Ion: 43 Resp: 492544
Ion Ratio Lower Upper
43 100
58 52.5 26.7 80.1



#60
Dibromochloromethane
Concen: 56.601 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 129 Resp: 89564
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

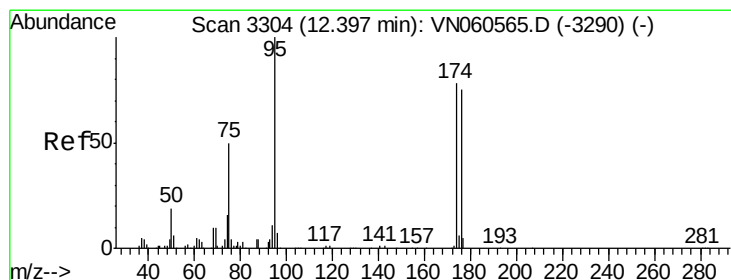
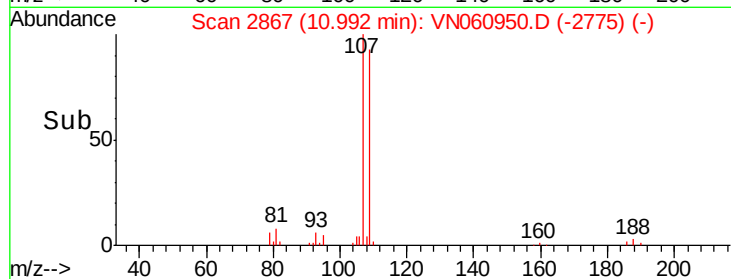
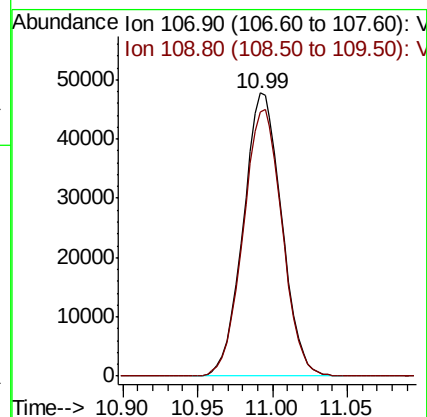
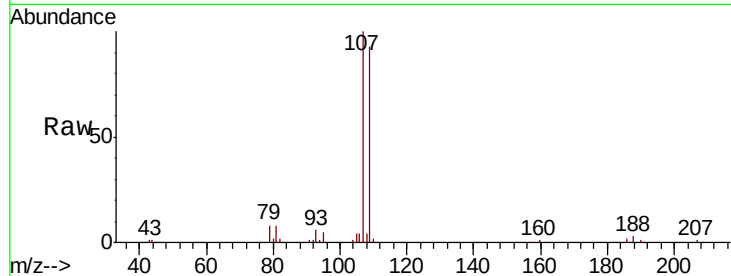




#61
 1,2-Dibromoethane
 Concen: 55.400 ug/l
 RT: 10.99 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

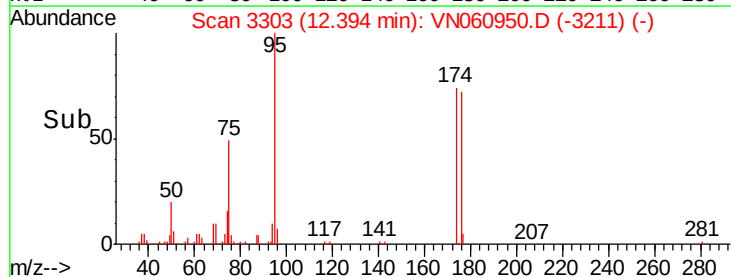
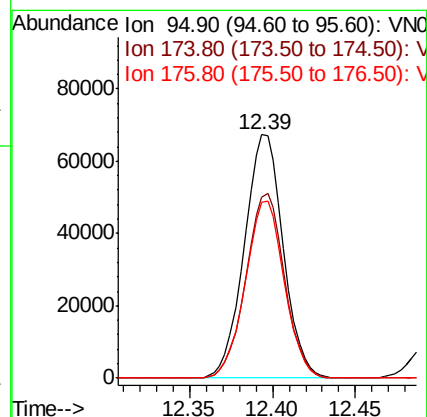
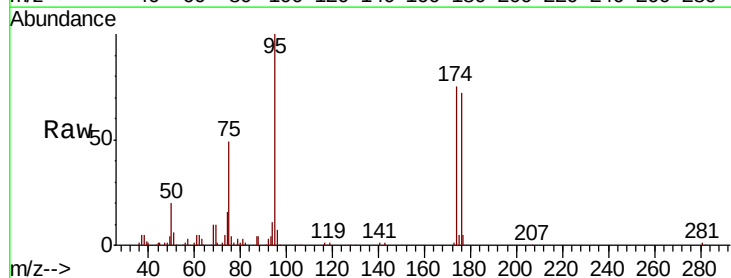
Instrument :
 MSVOA_N
 ClientSampled :

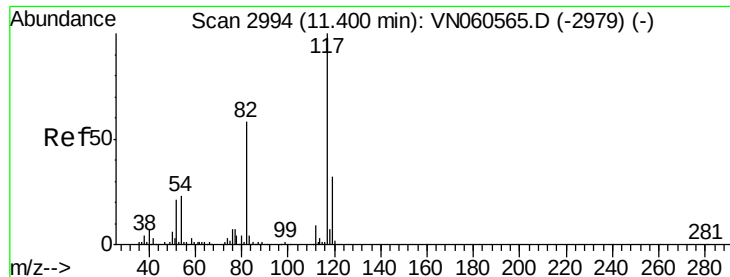
Tot Ion:107 Resp: 85338
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 53.655 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 95 Resp: 109546
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 157.6
 176 73.0 0.0 150.6

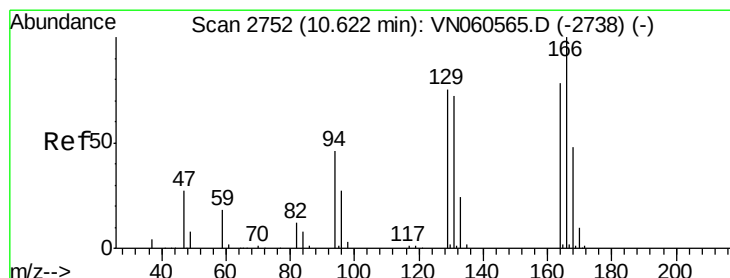
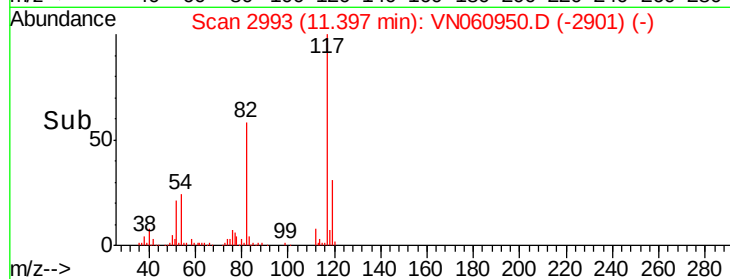
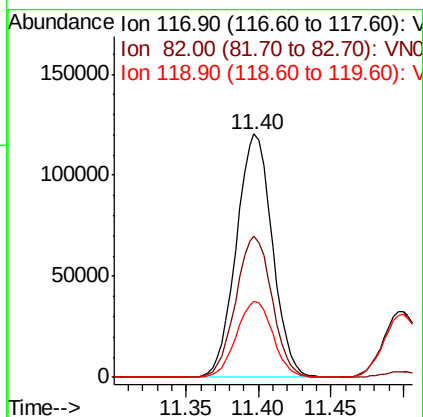
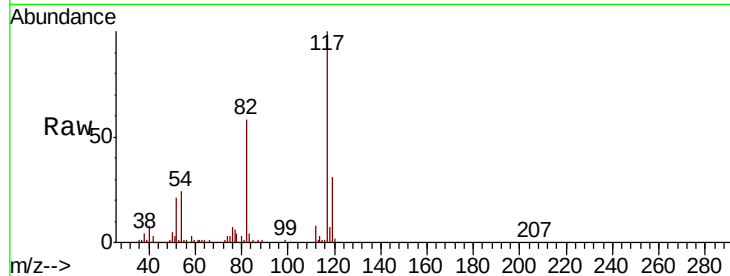




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

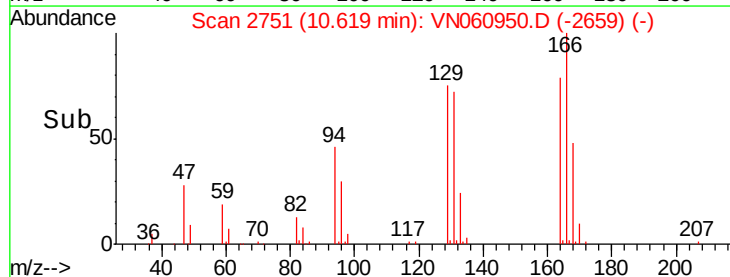
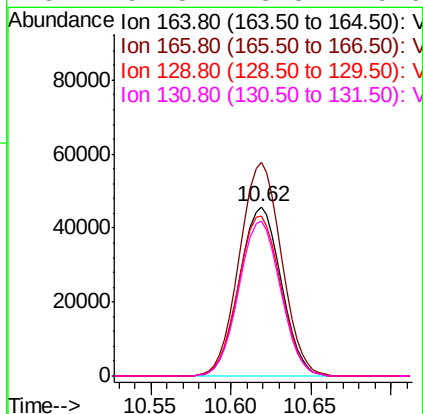
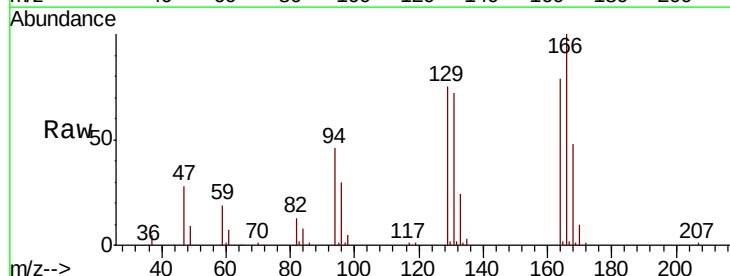
Instrument :
MSVOA_N
ClientSampleId :

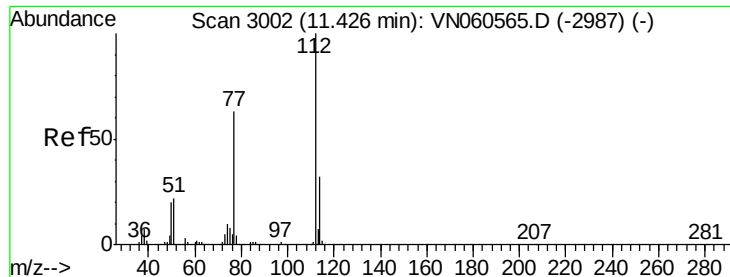
Tot Ion:117 Resp: 208214
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 49.829 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion:164 Resp: 81643
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 94.7 77.2 115.8
131 91.3 73.8 110.6

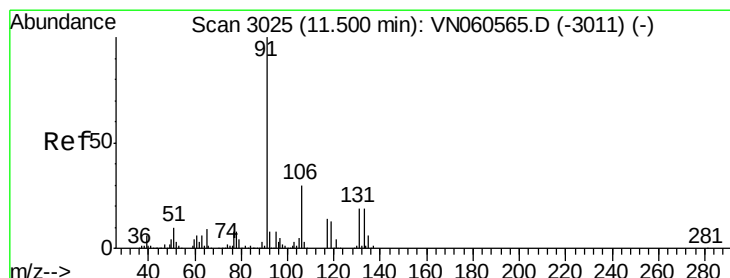
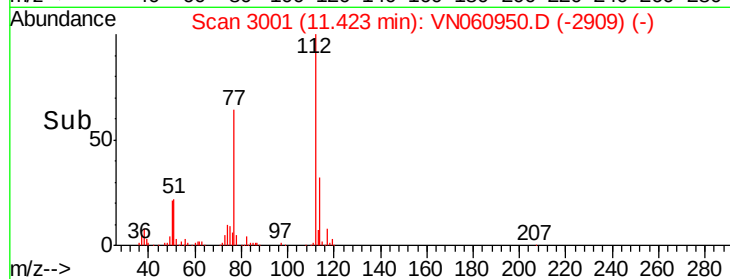
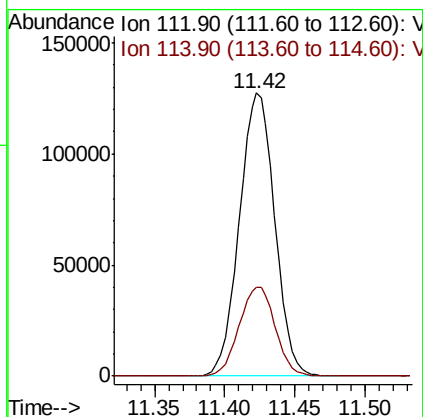
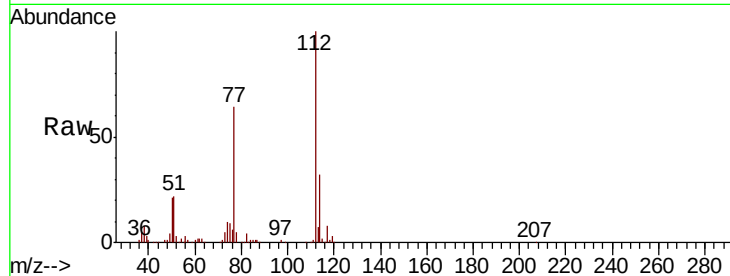




#65
Chlorobenzene
Concen: 54.206 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

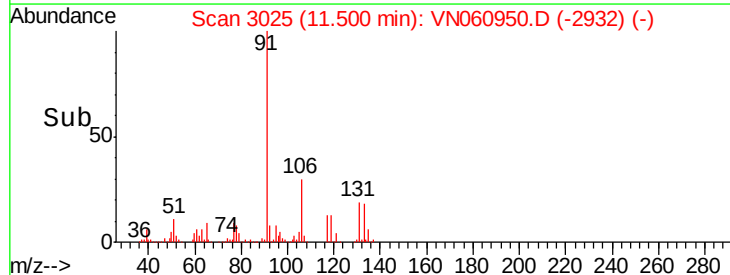
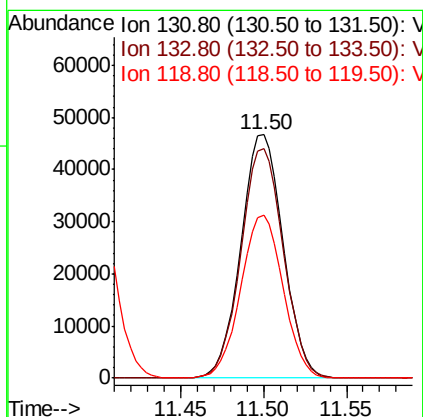
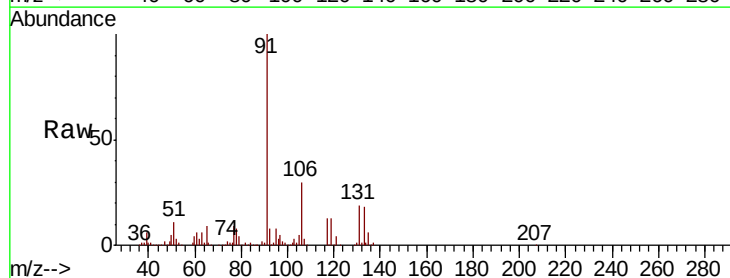
Instrument :
MSVOA_N
ClientSampled :

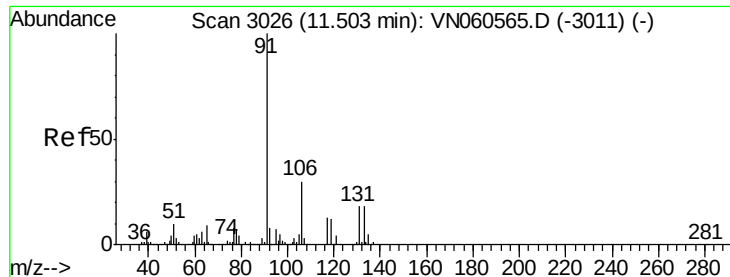
Tot Ion:112 Resp: 223741
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.225 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion:131 Resp: 82533
Ion Ratio Lower Upper
131 100
133 95.0 48.9 146.8
119 67.2 33.9 101.7

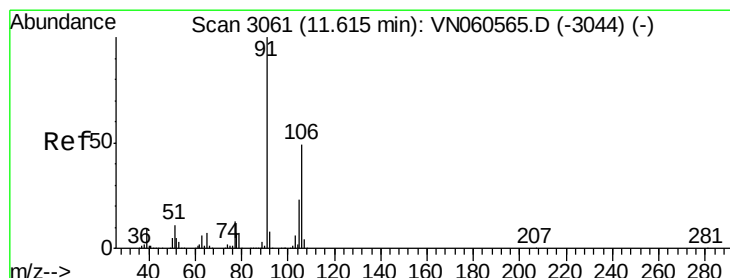
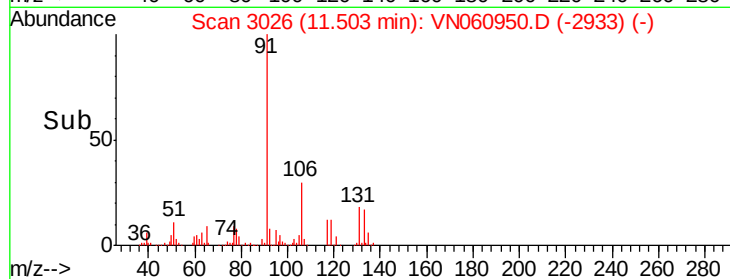
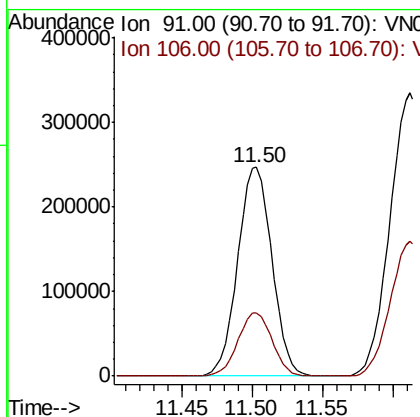
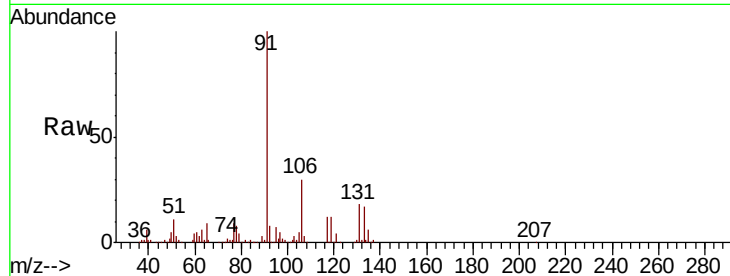




#67
Ethyl Benzene
Concen: 54.766 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

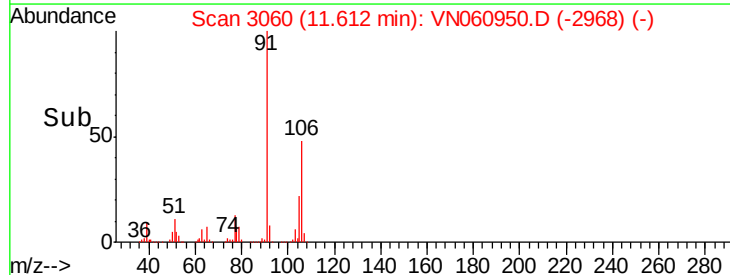
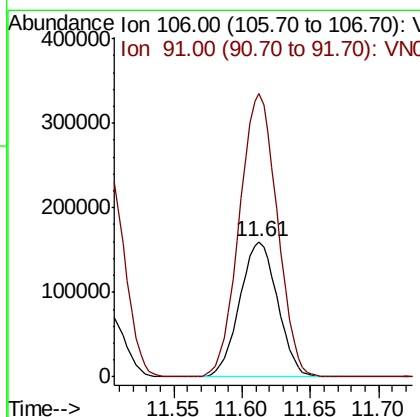
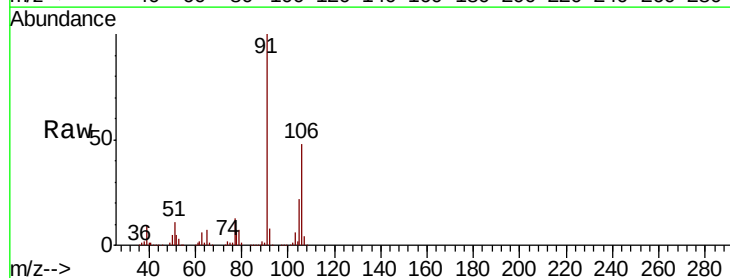
Instrument :
MSVOA_N
ClientSampled :

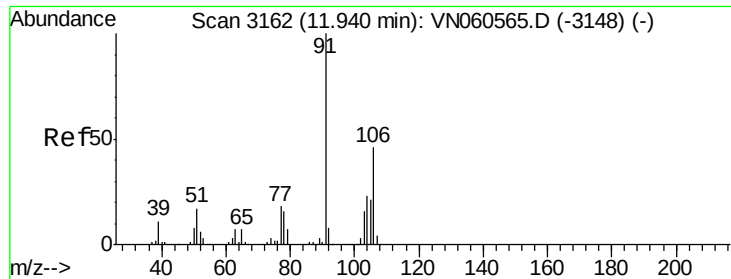
Tot Ion: 91 Resp: 420382
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2



#68
m/p-Xylenes
Concen: 107.956 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion: 106 Resp: 307938
Ion Ratio Lower Upper
106 100
91 209.7 165.0 247.4

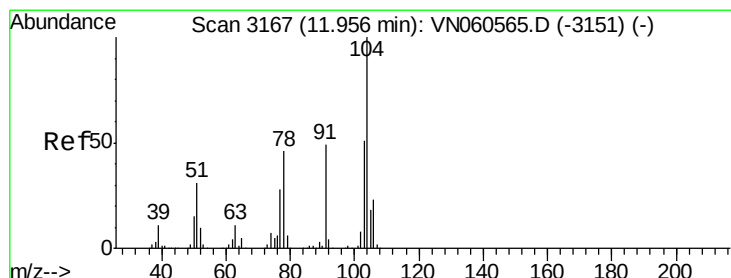
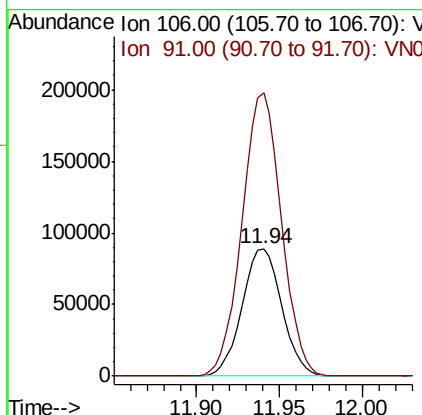
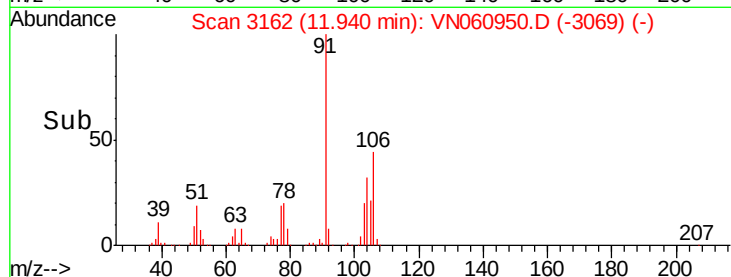
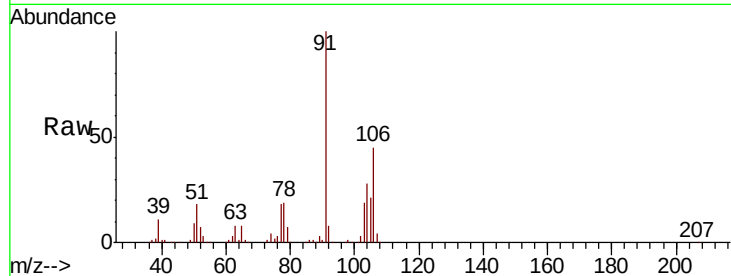




#69
o-Xylene
Concen: 54.528 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

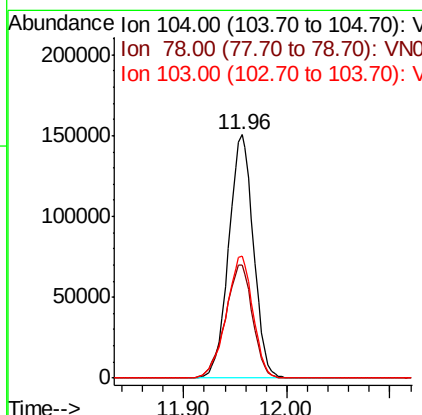
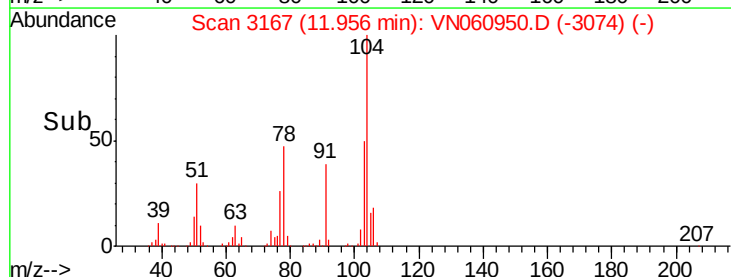
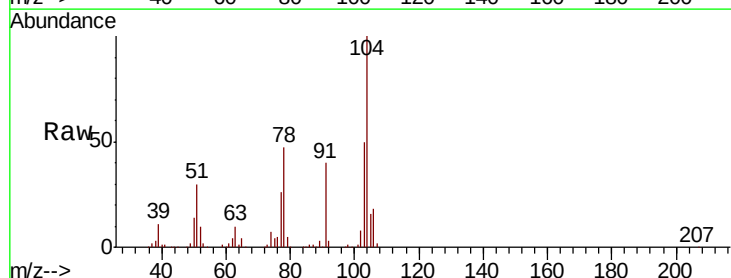
Instrument :
MSVOA_N
ClientSampled :

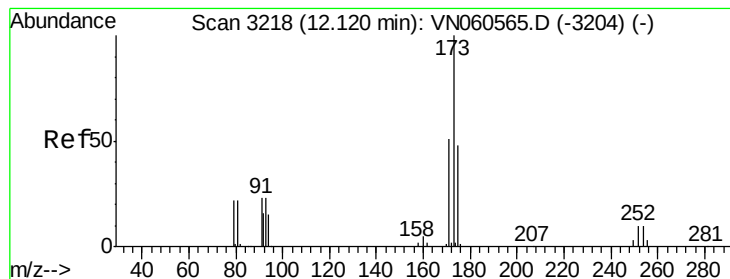
Tot Ion:106 Resp: 148480
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.4



#70
Styrene
Concen: 56.481 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion:104 Resp: 251535
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 54.1 44.0 66.0





#71

Bromoform

Concen: 51.658 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampleId :

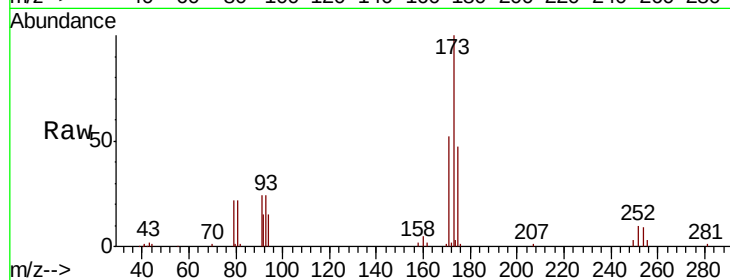
Tot Ion:173 Resp: 64237

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

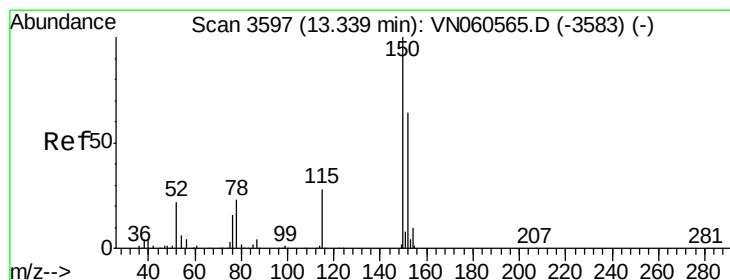
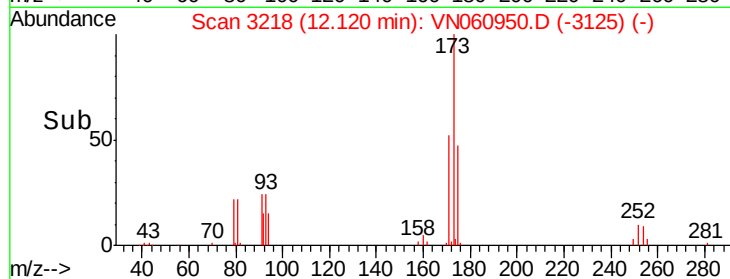
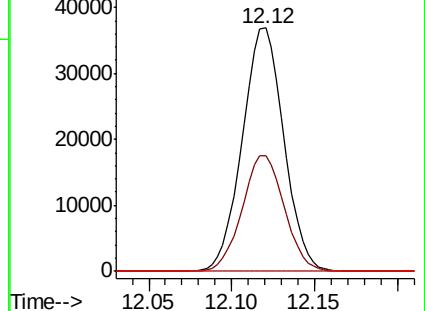
254 0.0 0.0 0.0



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: VN060950.D

Acq: 15 Apr 2020 10:15

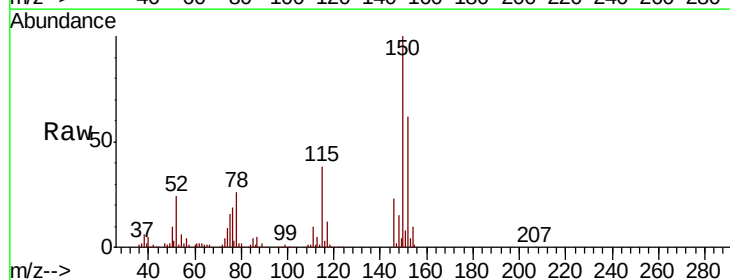
Tgt Ion:152 Resp: 100042

Ion Ratio Lower Upper

152 100

115 61.2 30.2 90.6

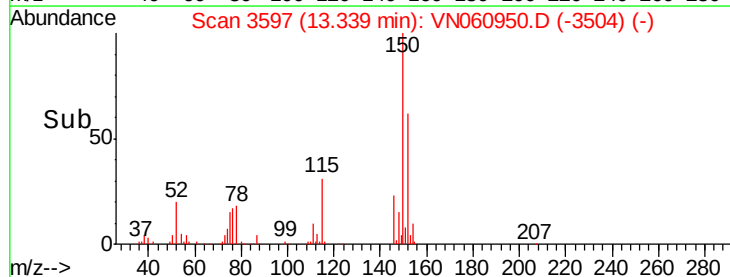
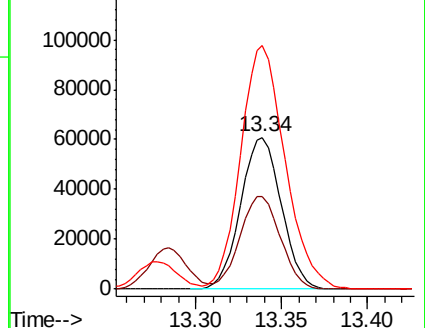
150 175.8 0.0 350.2

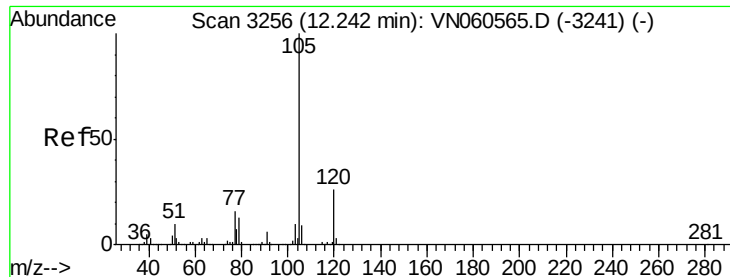


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.557 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

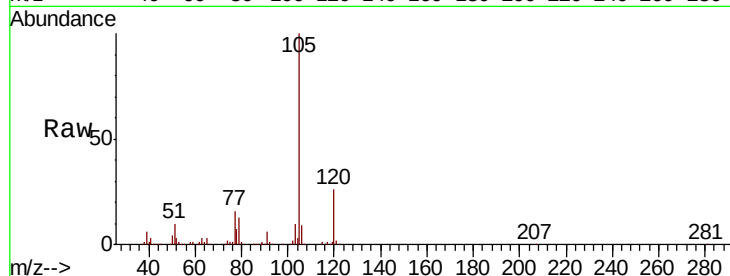
ClientSampled :

Tot Ion:105 Resp: 402090

Ion Ratio Lower Upper

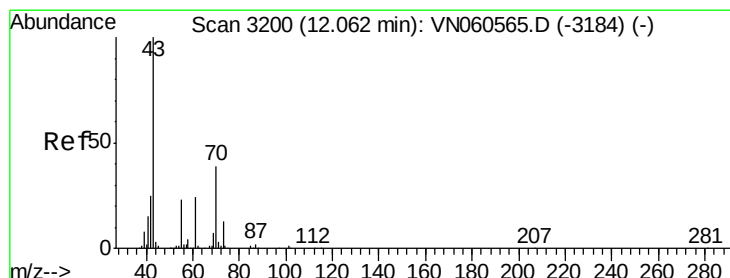
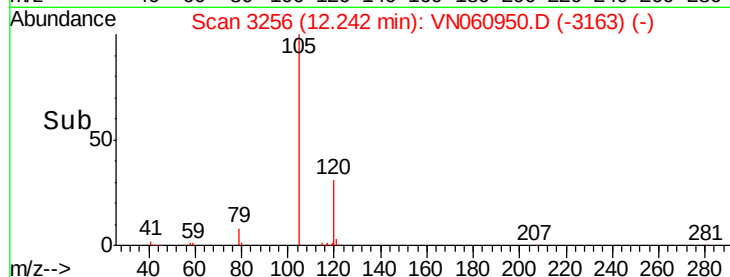
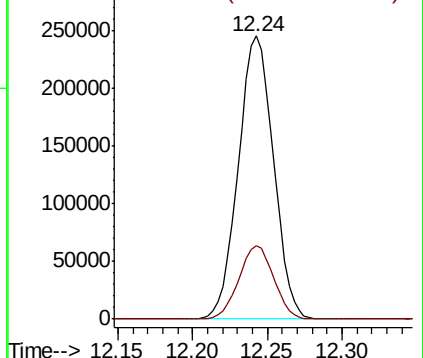
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.083 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Tgt Ion: 43 Resp: 191098

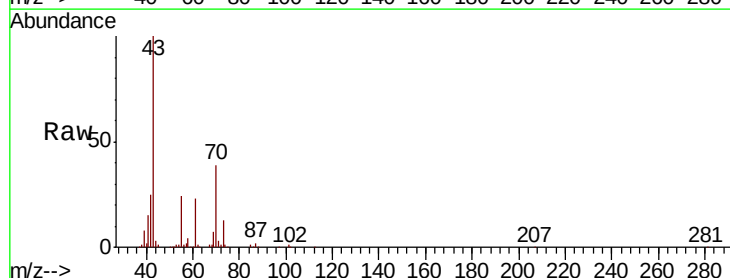
Ion Ratio Lower Upper

43 100

70 39.0 31.1 46.7

55 23.6 18.6 27.8

61 23.3 18.9 28.3

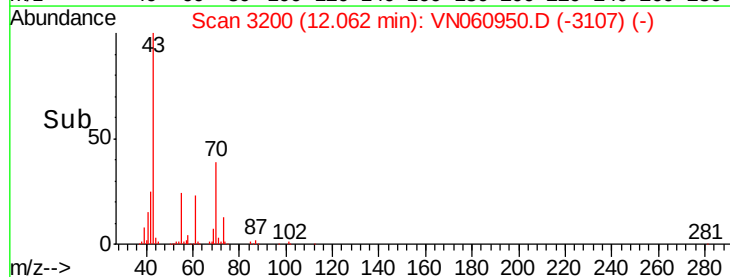
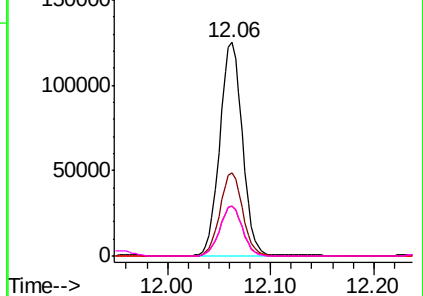


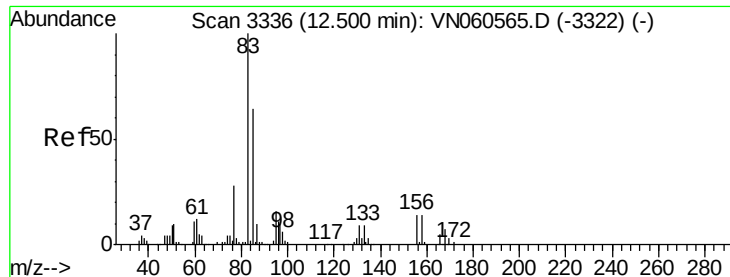
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 55.207 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampleId :

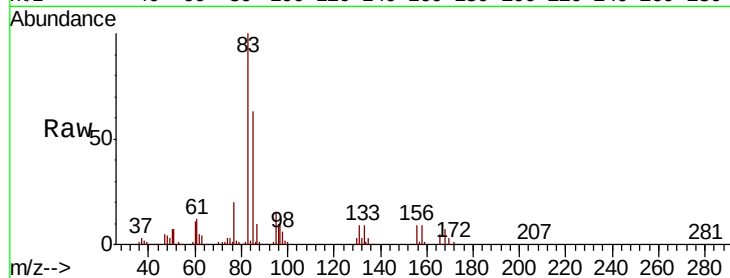
Tot Ion: 83 Resp: 125342

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

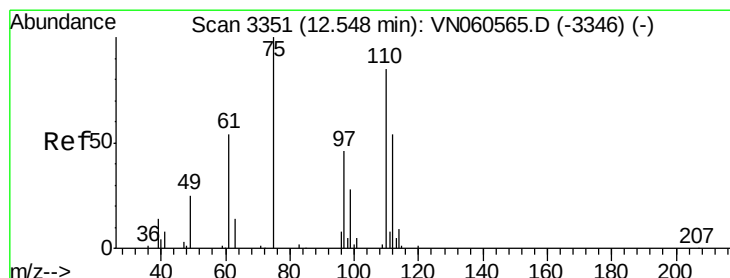
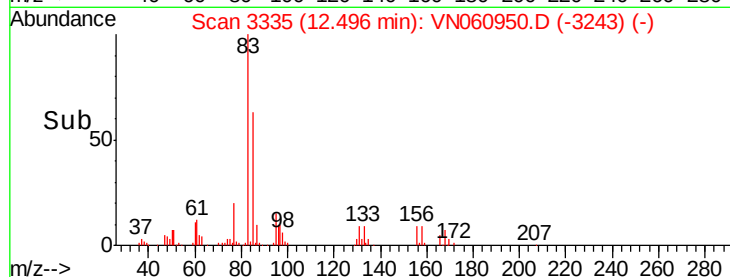
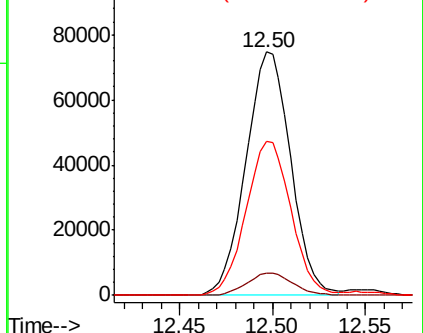
85 63.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060950.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060950.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060950.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 79.182 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060950.D

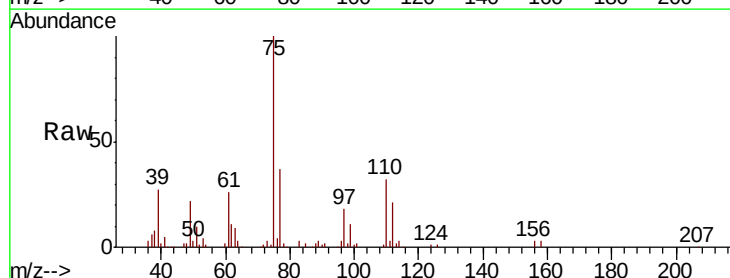
Acq: 15 Apr 2020 10:15

Tgt Ion: 75 Resp: 170930

Ion Ratio Lower Upper

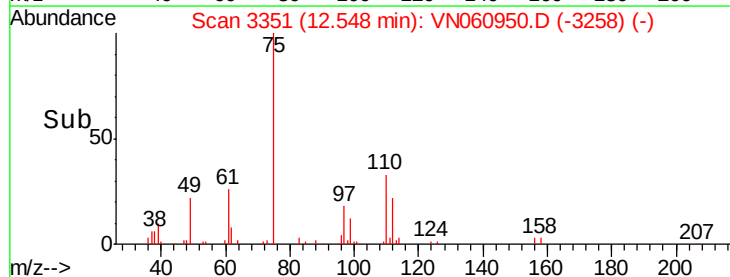
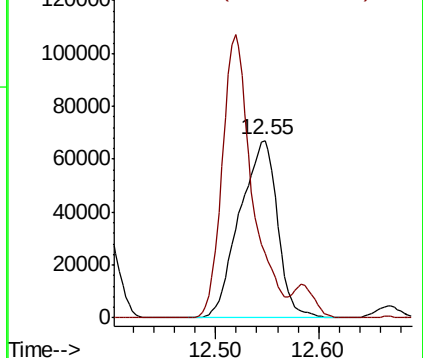
75 100

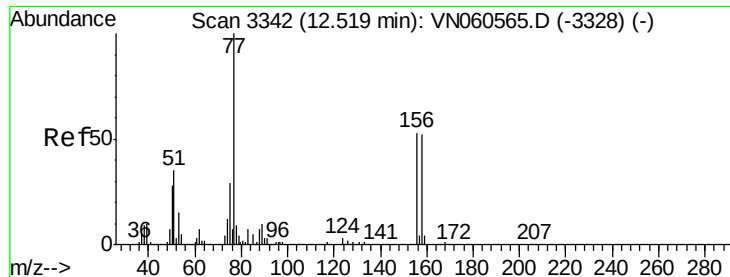
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060950.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060950.D (-3351) (-)





#77

Bromobenzene

Concen: 51.877 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampleId :

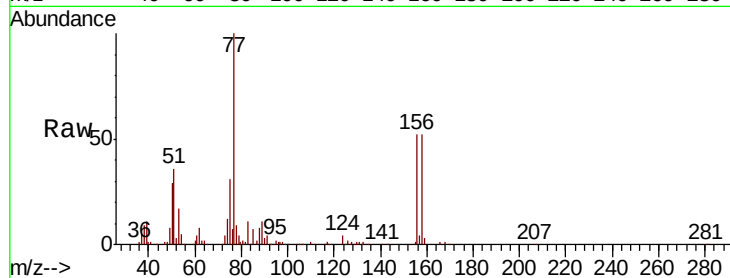
Tot Ion:156 Resp: 93851

Ion Ratio Lower Upper

156 100

77 231.9 112.3 337.0

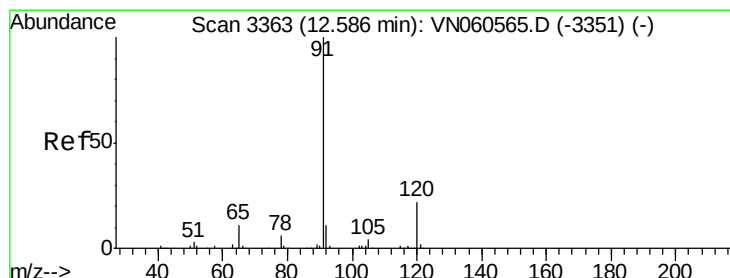
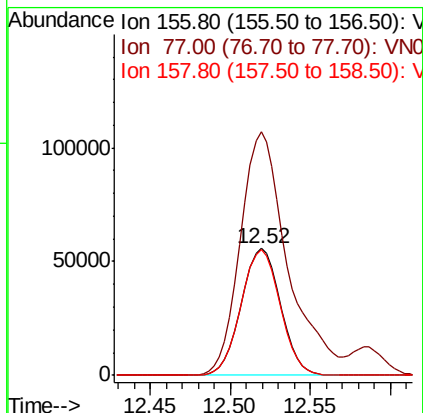
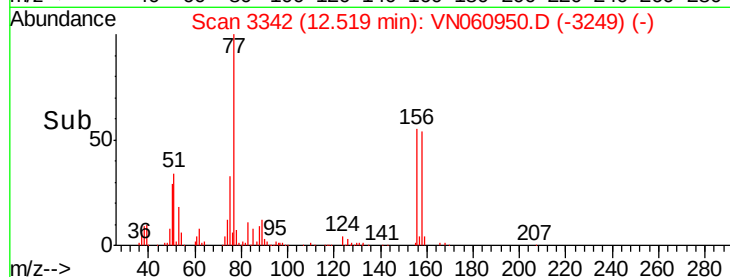
158 98.2 48.6 145.8



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: 54.688 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060950.D

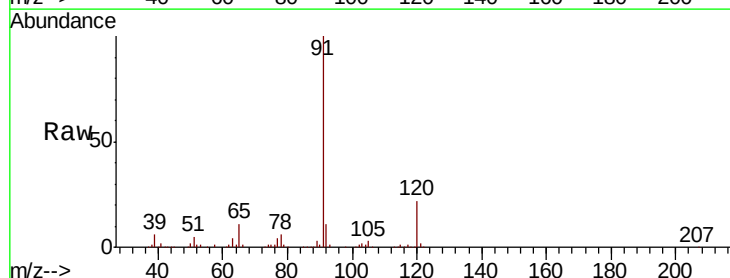
Acq: 15 Apr 2020 10:15

Tgt Ion: 91 Resp: 485082

Ion Ratio Lower Upper

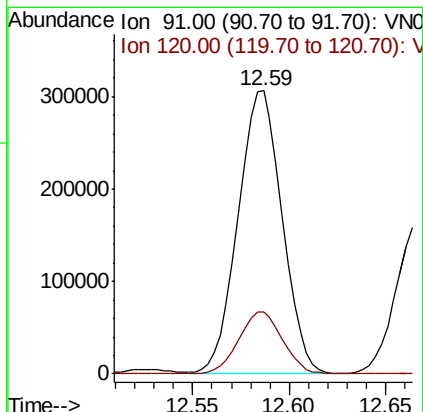
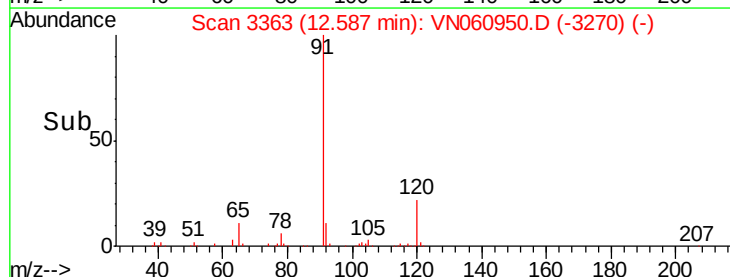
91 100

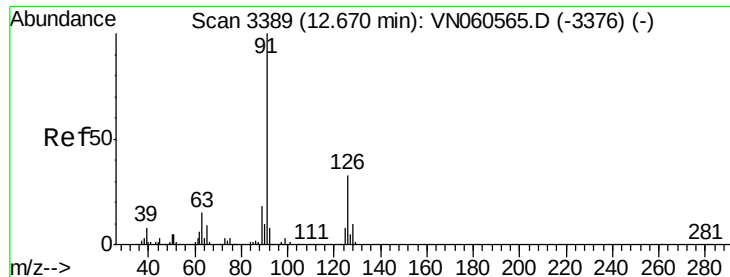
120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

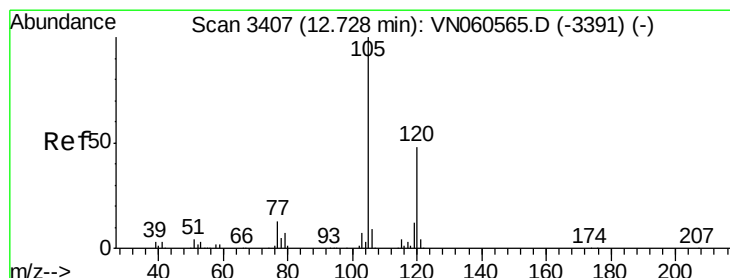
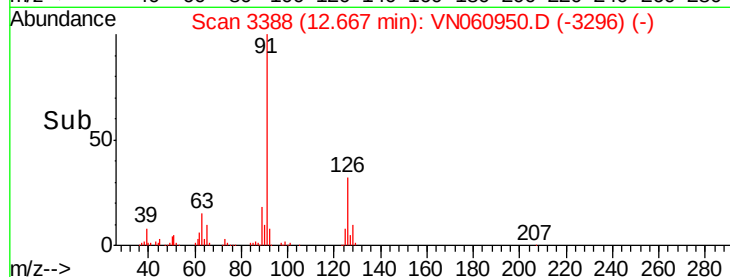
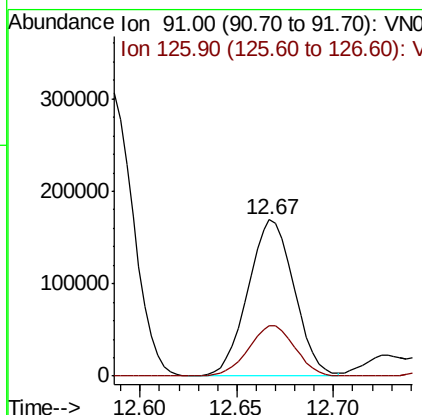
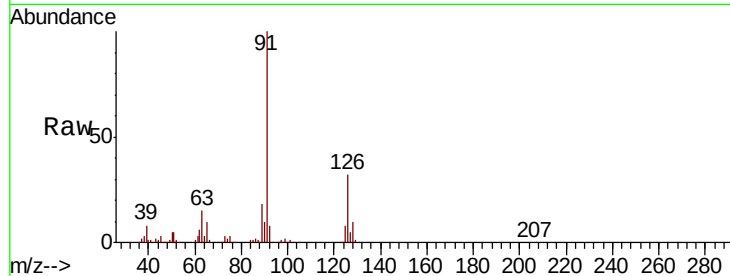




#79
 2-Chlorotoluene
 Concen: 53.058 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

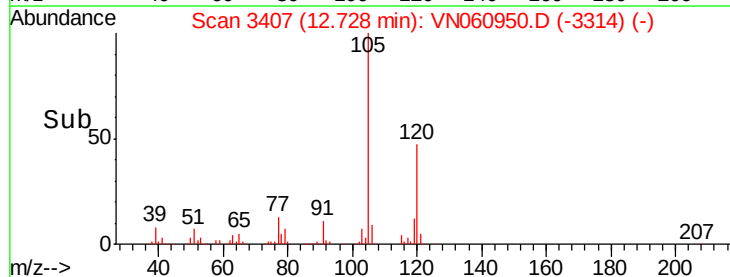
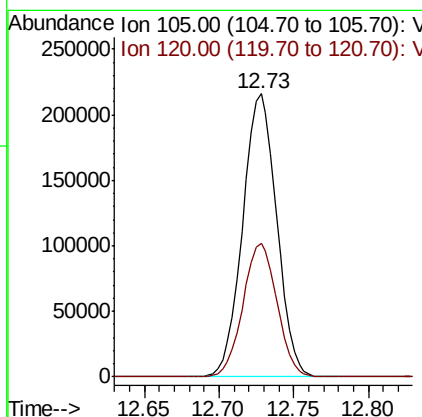
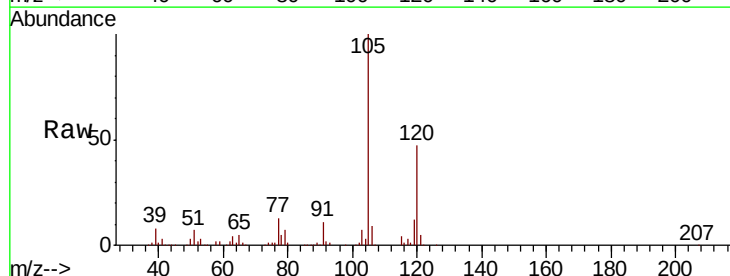
Instrument :
 MSVOA_N
 ClientSampled :

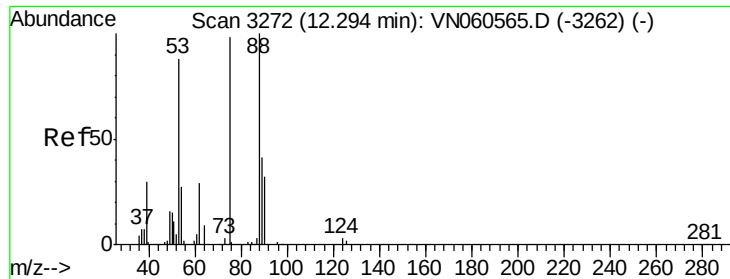
Tot Ion: 91 Resp: 281198
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 53.725 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion: 105 Resp: 342298
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 54.604 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

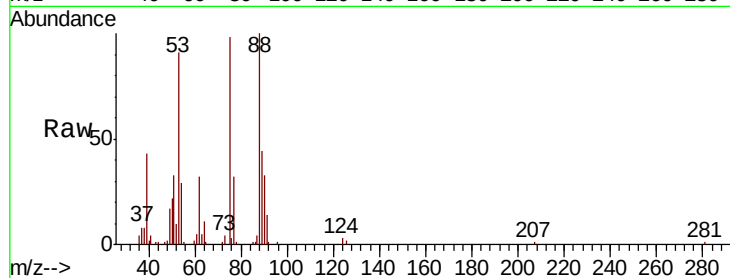
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 45896

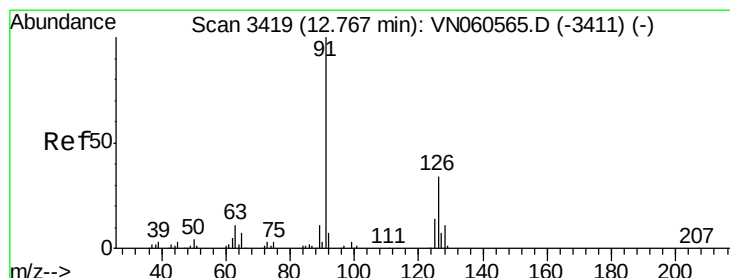
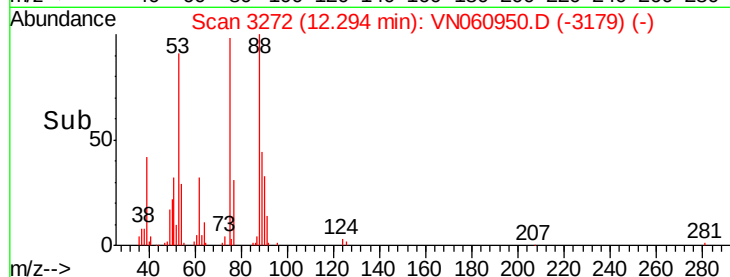
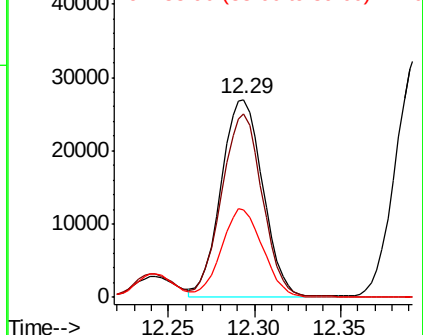
Ion	Ratio	Lower	Upper
75	100		
53	90.2	73.0	109.4
89	44.1	34.8	52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 54.957 ug/l

RT: 12.77 min Scan# 3419

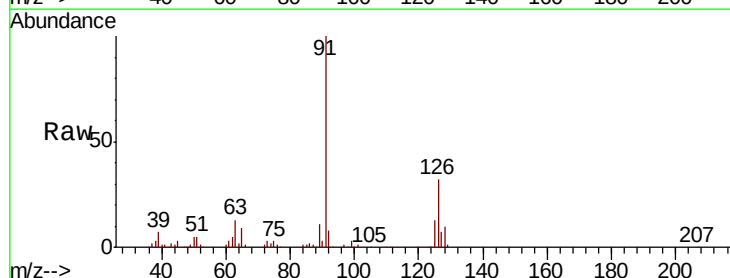
Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

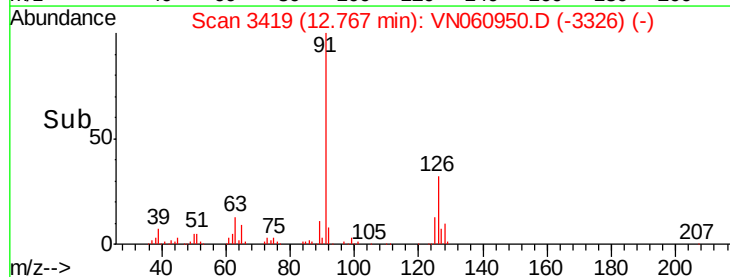
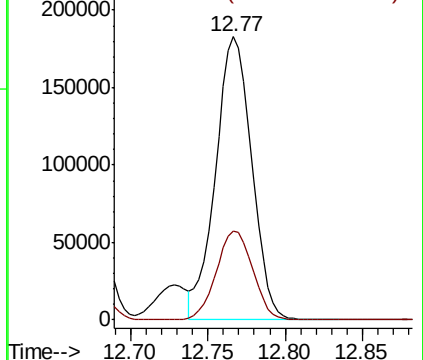
Tgt Ion: 91 Resp: 296644

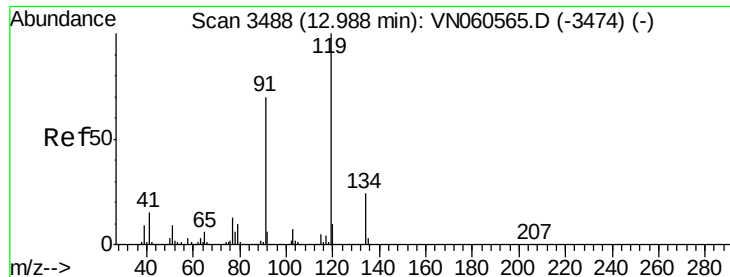
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.272 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampled :

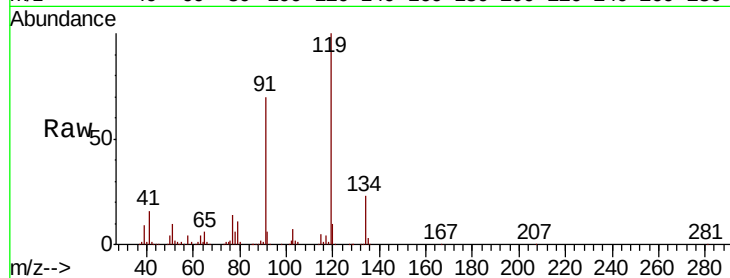
Tot Ion:119 Resp: 286644

Ion Ratio Lower Upper

119 100

91 67.9 34.0 101.8

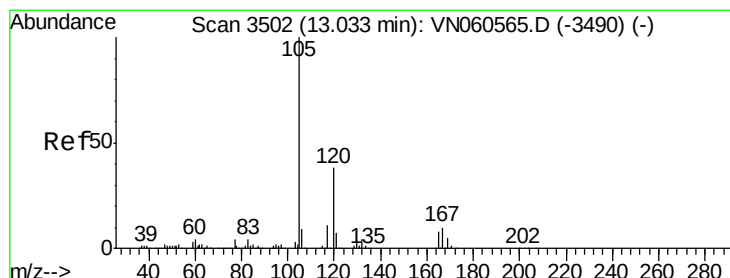
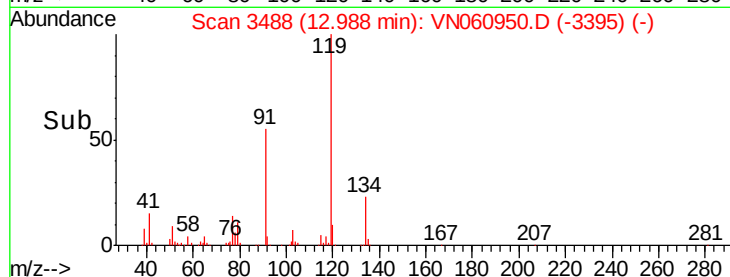
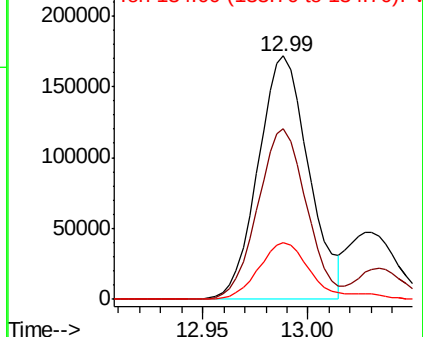
134 24.7 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.248 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. 0.00 min

Lab File: VN060950.D

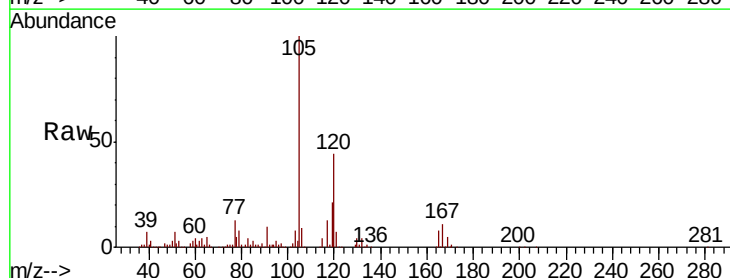
Acq: 15 Apr 2020 10:15

Tgt Ion:105 Resp: 341933

Ion Ratio Lower Upper

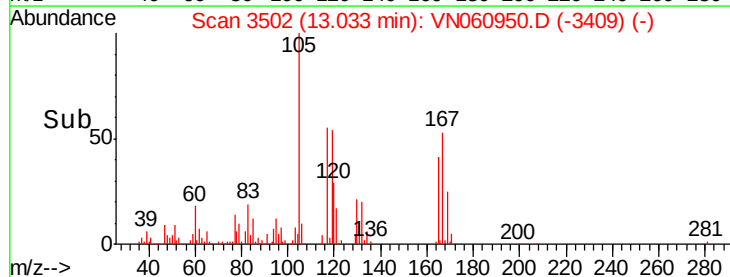
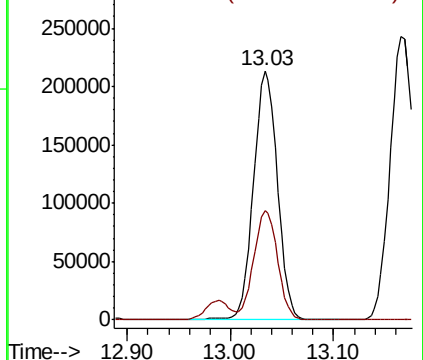
105 100

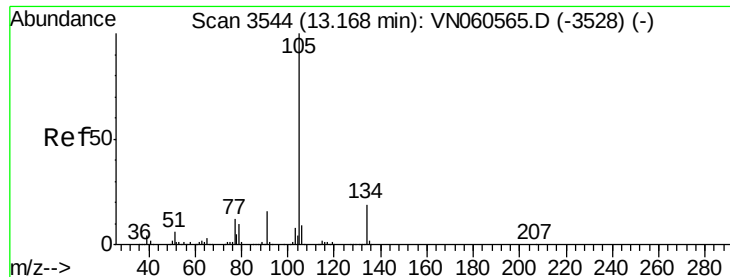
120 44.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.400 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

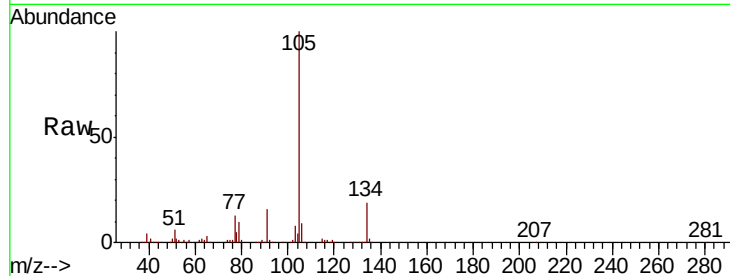
ClientSampled :

Tot Ion:105 Resp: 393462

Ion Ratio Lower Upper

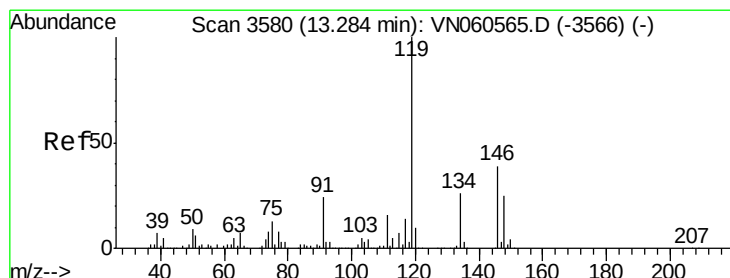
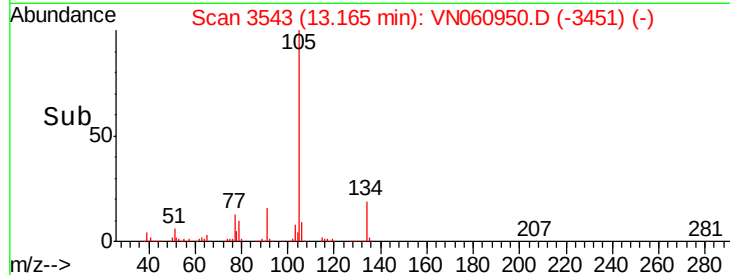
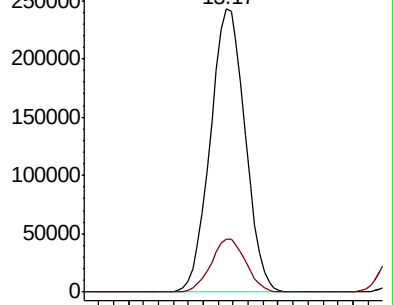
105 100

134 18.8 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: 55.208 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

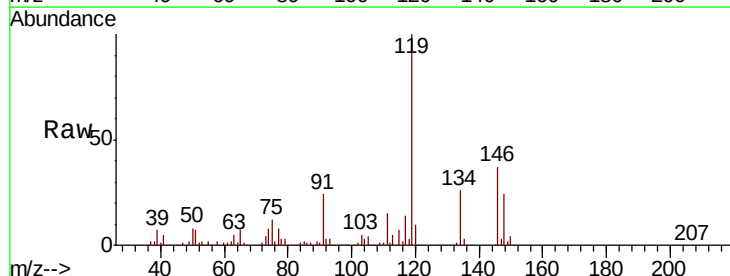
Tgt Ion:119 Resp: 352582

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

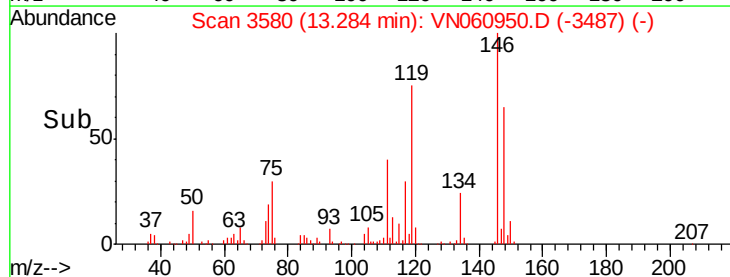
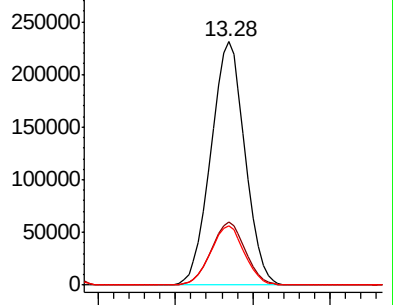
91 24.3 12.0 36.0

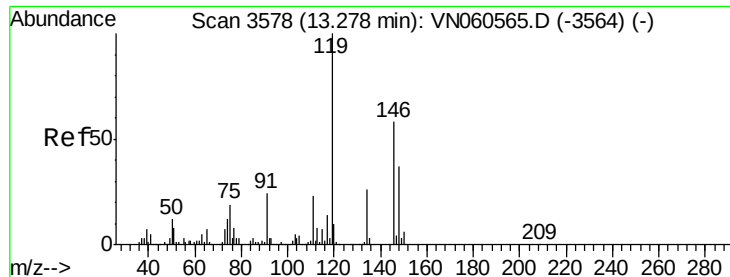


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

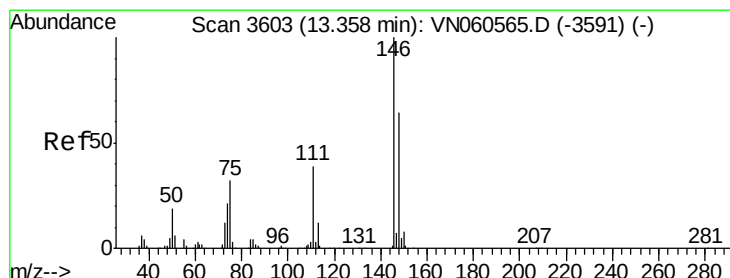
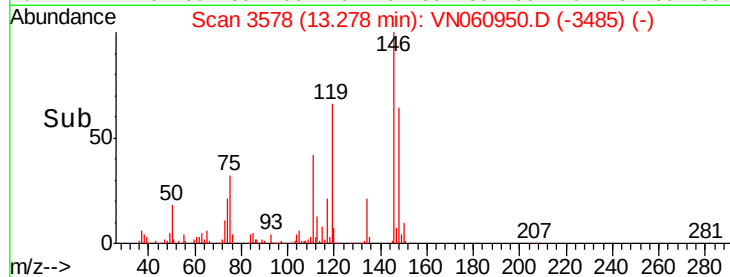
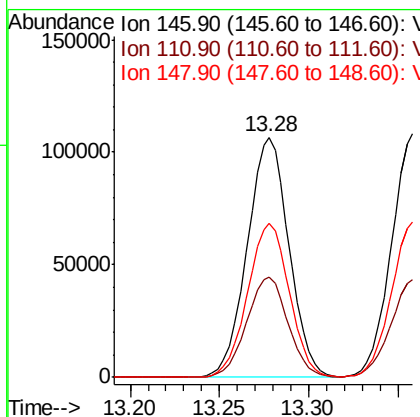
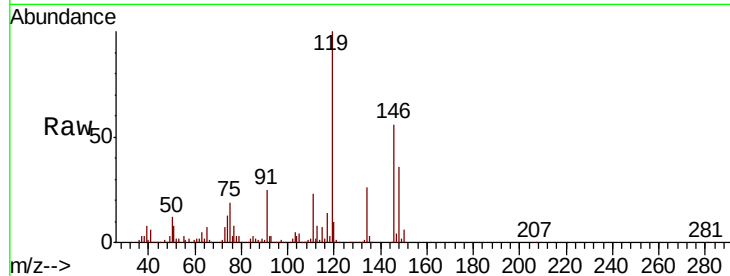




#87
 1,3-Dichlorobenzene
 Concen: 54.472 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

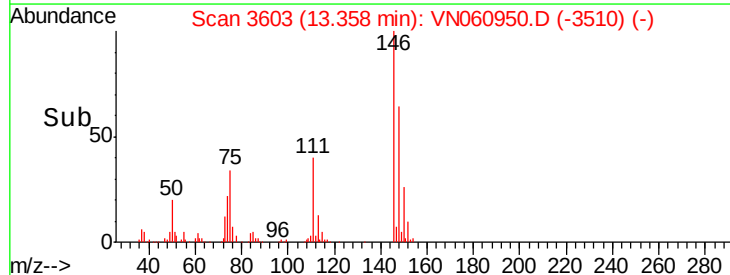
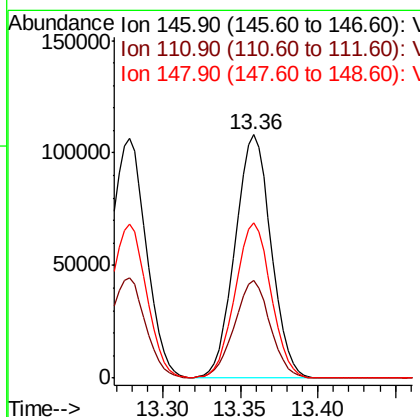
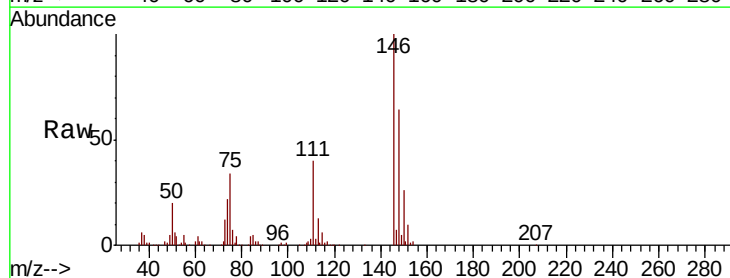
Instrument :
 MSVOA_N
 ClientSampled :

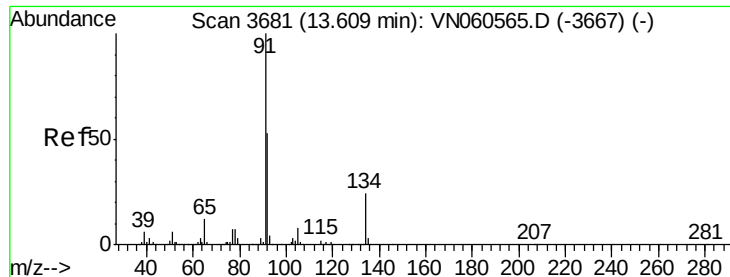
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	60.8
148	64.2	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 54.651 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.7
148	63.8	32.1	96.3





#89

n-Butylbenzene

Concen: 58.596 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN060950.D

Acq: 15 Apr 2020 10:15

Instrument :

MSVOA_N

ClientSampled :

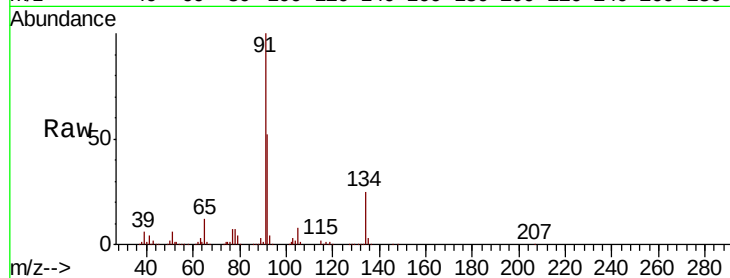
Tot Ion: 91 Resp: 337869

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

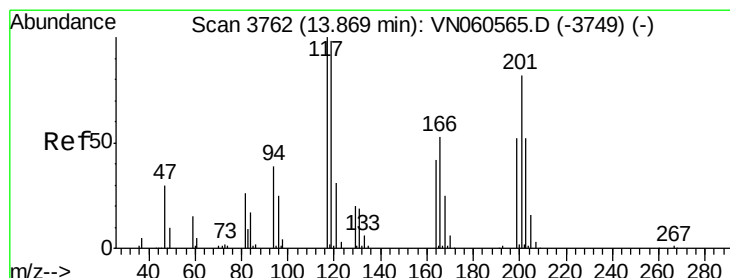
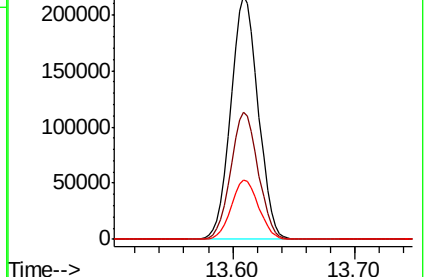
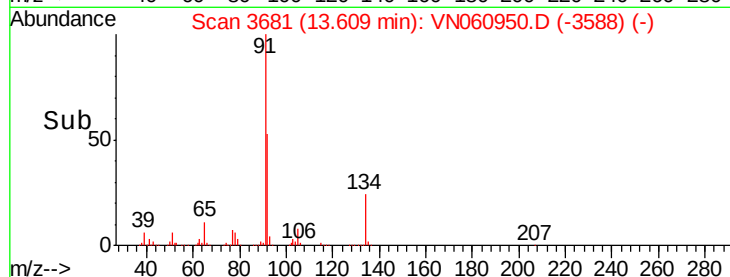
134 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060950.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060950.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060950.D (-3667) (-)



#90

Hexachloroethane

Concen: 60.234 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN060950.D

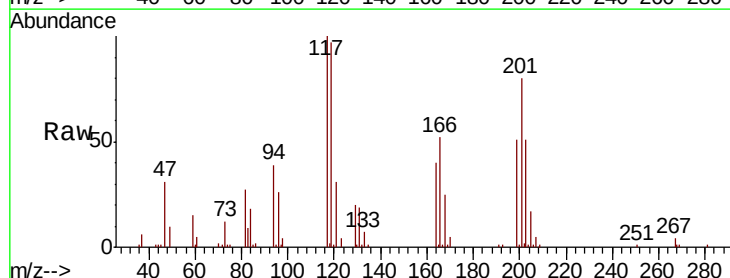
Acq: 15 Apr 2020 10:15

Tgt Ion: 117 Resp: 55917

Ion Ratio Lower Upper

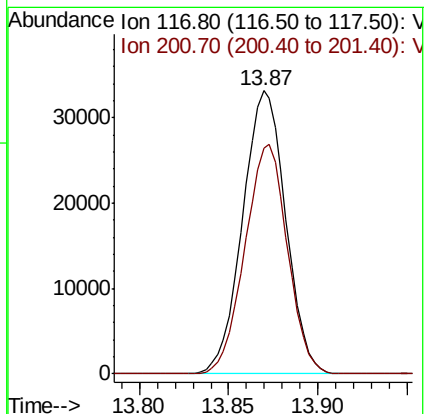
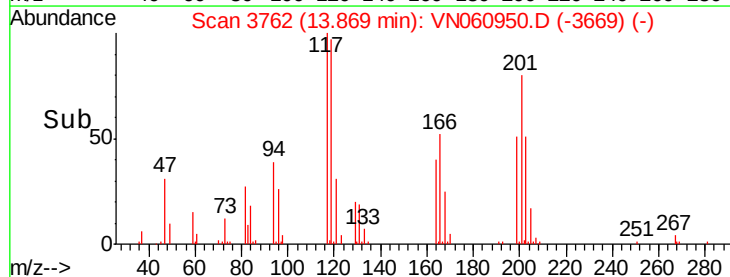
117 100

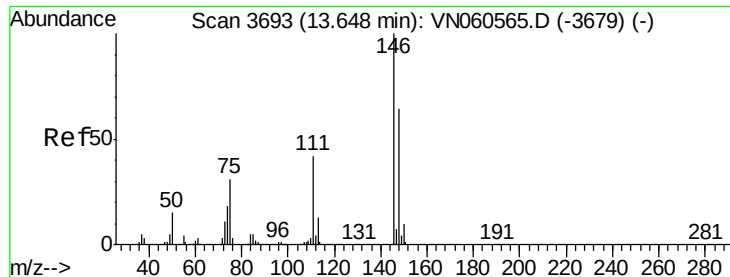
201 79.9 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060950.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060950.D (-3749) (-)

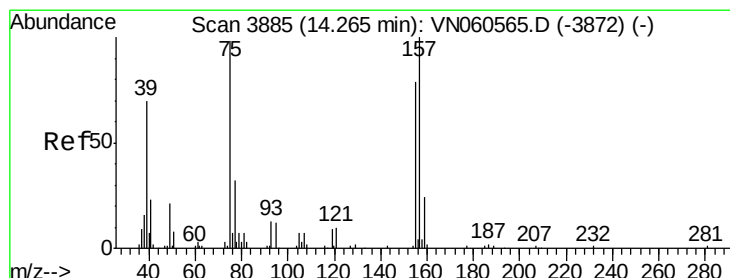
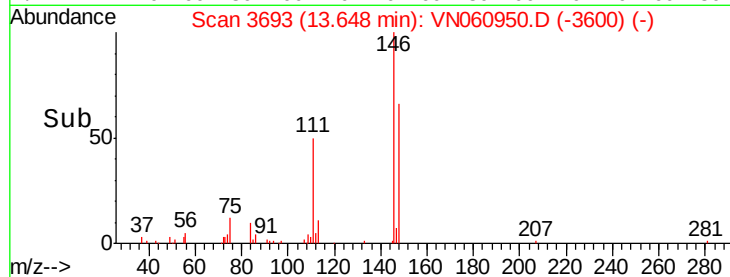
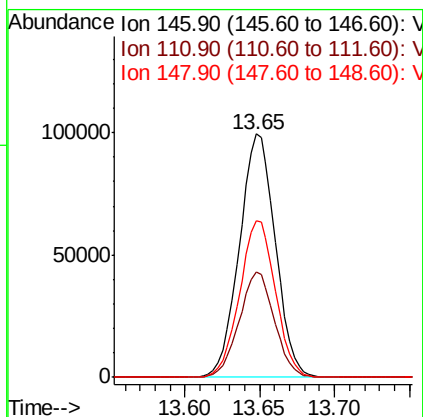
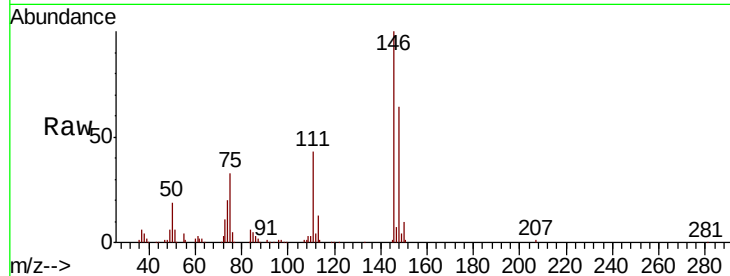




#91
 1,2-Dichlorobenzene
 Concen: 54.374 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

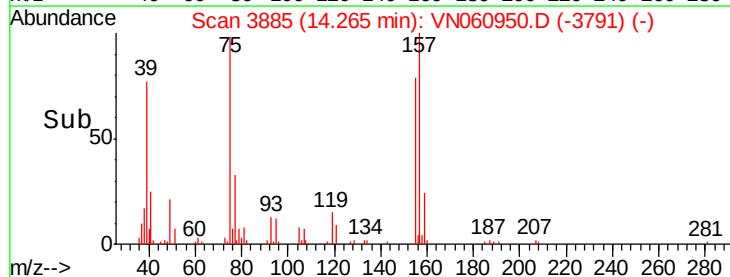
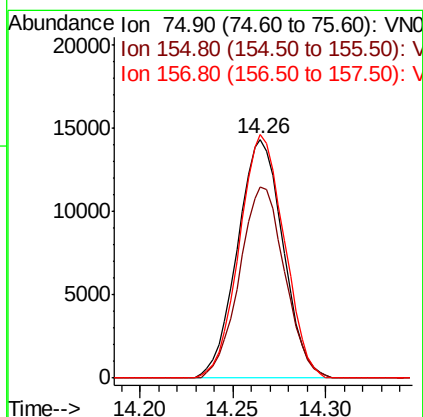
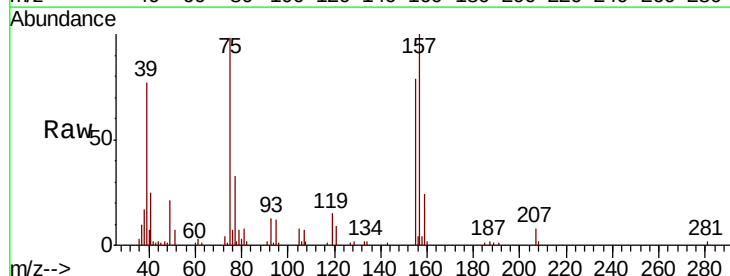
Instrument :
 MSVOA_N
 ClientSampleId :

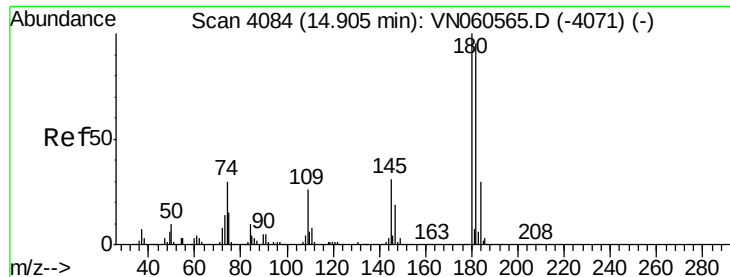
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.410 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	40.7	122.1
157	100.5	51.5	154.7

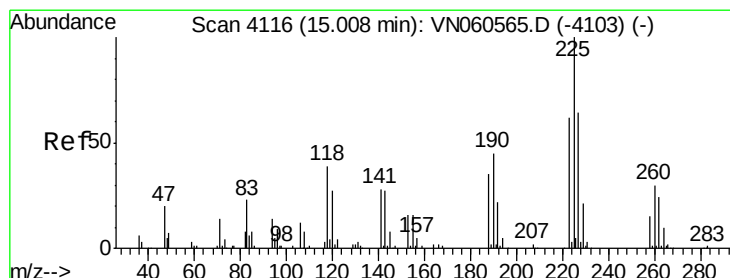
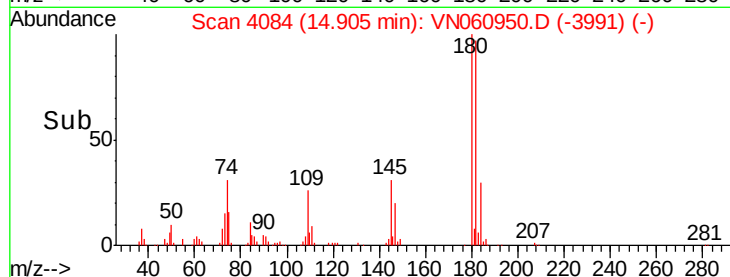
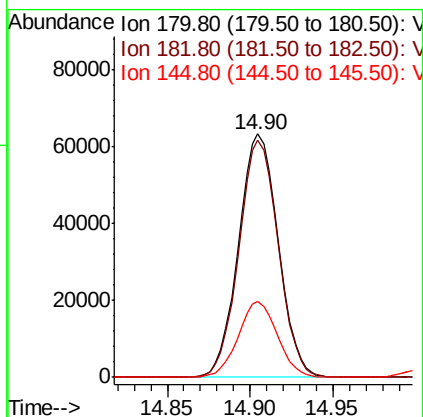
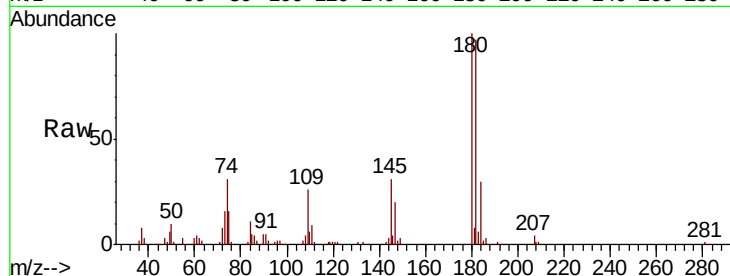




#93
 1,2,4-Trichlorobenzene
 Concen: 56.206 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

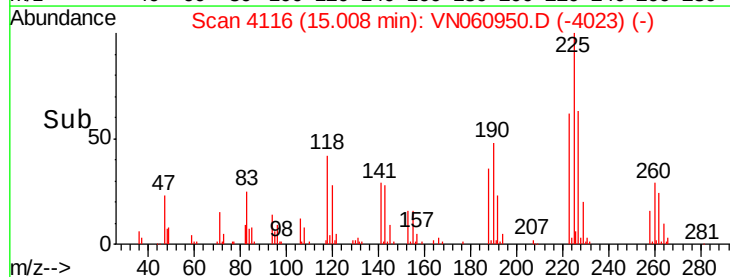
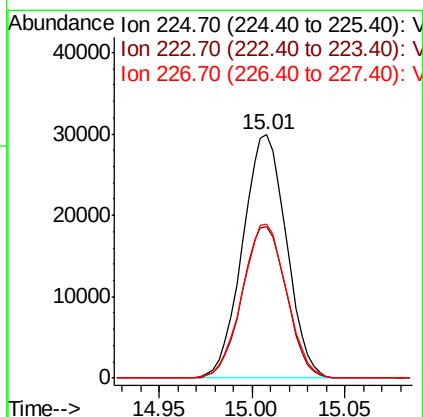
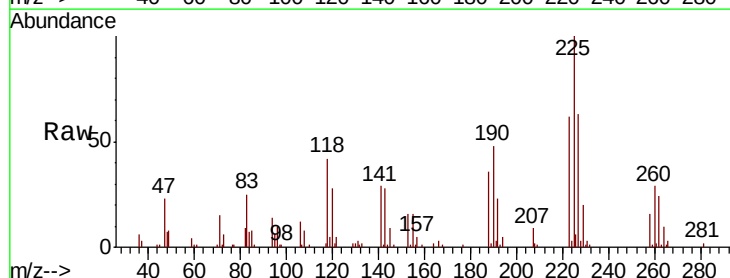
Instrument :
 MSVOA_N
 ClientSampled :

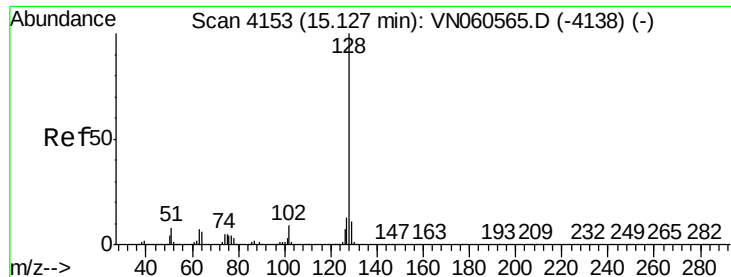
Tot Ion:180 Resp: 105306
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.9 143.8
 145 30.6 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 53.427 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060950.D
 Acq: 15 Apr 2020 10:15

Tgt Ion:225 Resp: 49071
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 64.0 32.3 96.8

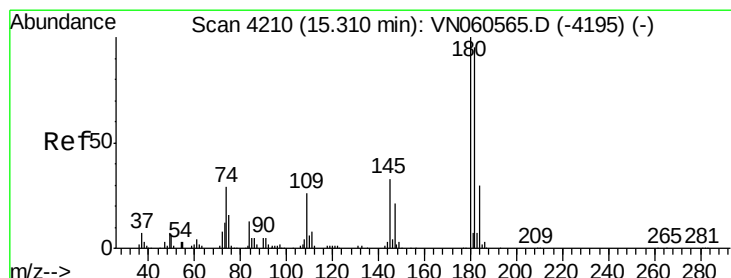
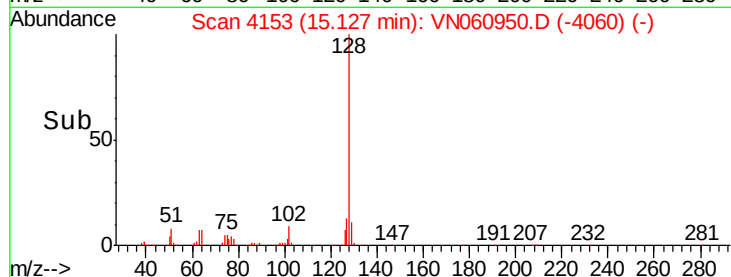
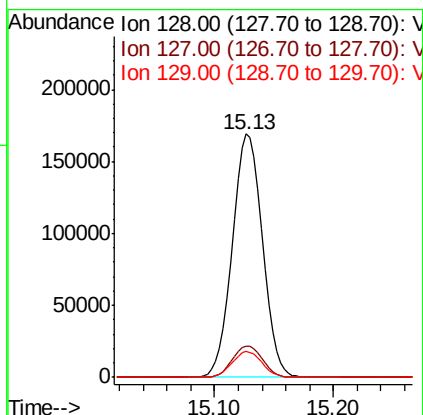
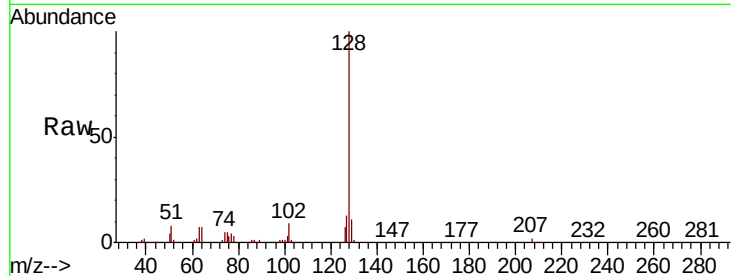




#95
Naphthalene
Concen: 52.568 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.888 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060950.D
Acq: 15 Apr 2020 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	32.3	16.3	48.8

