

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060662.D
 Acq On : 24 Mar 2020 10:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 03:49:14 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	218667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	350491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	139626	46.51	ug/l	0.00
Spiked Amount						
			Recovery	=	93.02%	
35) Dibromofluoromethane	7.56	113	104065	49.10	ug/l	0.00
Spiked Amount						
			Recovery	=	98.20%	
50) Toluene-d8	10.08	98	427697	49.41	ug/l	0.00
Spiked Amount						
			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.39	95	156926	49.46	ug/l	0.00
Spiked Amount						
			Recovery	=	98.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	102176	48.292	ug/l	100
3) Chloromethane	2.04	50	174560	44.174	ug/l	99
4) Vinyl Chloride	2.16	62	140999	45.619	ug/l	99
5) Bromomethane	2.54	94	64077	48.025	ug/l	100
6) Chloroethane	2.68	64	83613	46.962	ug/l	99
7) Trichlorofluoromethane	3.00	101	181303	47.619	ug/l	98
8) Diethyl Ether	3.38	74	73040	47.754	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	108723	49.281	ug/l	99
10) Methyl Iodide	3.92	142	93368	47.561	ug/l	99
11) Tert butyl alcohol	4.72	59	93438	211.652	ug/l	100
12) 1,1-Dichloroethene	3.71	96	109743	46.354	ug/l	98
13) Acrolein	3.57	56	155244	317.291	ug/l	100
14) Allyl chloride	4.29	41	196445	47.178	ug/l	99
15) Acrylonitrile	4.94	53	297595	229.240	ug/l	100
16) Acetone	3.77	43	366652	344.825	ug/l	99
17) Carbon Disulfide	4.03	76	338438	47.004	ug/l	100
18) Methyl Acetate	4.28	43	138736	46.355	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	373308	45.863	ug/l	99
20) Methylene Chloride	4.52	84	123603	47.255	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	119417	47.327	ug/l	96
22) Diisopropyl ether	5.91	45	425590	48.379	ug/l	95
23) Vinyl Acetate	5.85	43	1735466	241.788	ug/l	100
24) 1,1-Dichloroethane	5.81	63	231075	48.184	ug/l	99
25) 2-Butanone	6.79	43	459802	267.233	ug/l	99
26) 2,2-Dichloropropane	6.79	77	198606	52.636	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	136676	47.667	ug/l	99
28) Bromochloromethane	7.16	49	125088	54.517	ug/l	99
29) Tetrahydrofuran	7.18	42	267912	220.070	ug/l	99
30) Chloroform	7.34	83	217839	47.383	ug/l	100
31) Cyclohexane	7.63	56	219070	45.312	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	188825	47.643	ug/l	99
36) 1,1-Dichloropropene	7.77	75	172983	50.970	ug/l	99
37) Ethyl Acetate	6.89	43	170530	46.503	ug/l	98
38) Carbon Tetrachloride	7.75	117	154850	50.908	ug/l	99

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

39) Methylcyclohexane	9.06	83	209214	51.874	ug/l	99
40) Benzene	8.02	78	513388	50.110	ug/l	100
41) Methacrylonitrile	7.17	41	244334	156.122	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	176814	50.499	ug/l	99
43) Isopropyl Acetate	8.14	43	289838	47.925	ug/l	100
44) Trichloroethene	8.81	130	133222	51.583	ug/l	98
45) 1,2-Dichloropropane	9.10	63	138797	51.342	ug/l	97
46) Dibromomethane	9.19	93	82684	50.591	ug/l	100
47) Bromodichloromethane	9.38	83	171036	50.361	ug/l	100
48) Methyl methacrylate	9.18	41	130184	48.348	ug/l	100
49) 1,4-Dioxane	9.18	88	31168	973.840	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	837555	243.372	ug/l	99
52) Toluene	10.14	92	312485	50.504	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	202857	52.000	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	217600	50.844	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	117955	49.553	ug/l	99
56) Ethyl methacrylate	10.42	69	185635	50.015	ug/l	99
57) 1,3-Dichloropropane	10.69	76	207203	50.162	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	417226	226.177	ug/l	100
59) 2-Hexanone	10.74	43	660428	266.402	ug/l	99
60) Dibromochloromethane	10.89	129	125499	51.041	ug/l	100
61) 1,2-Dibromoethane	10.99	107	119875	50.082	ug/l	99
64) Tetrachloroethene	10.62	164	131242	51.178	ug/l	100
65) Chlorobenzene	11.42	112	322520	49.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	117292	50.145	ug/l	97
67) Ethyl Benzene	11.50	91	606219	50.459	ug/l	99
68) m/p-Xylenes	11.61	106	452796	101.423	ug/l	100
69) o-Xylene	11.94	106	215262	50.509	ug/l	100
70) Styrene	11.96	104	355406	50.989	ug/l	100
71) Bromoform	12.12	173	88949	45.897	ug/l #	99
73) Isopropylbenzene	12.24	105	575241	49.120	ug/l	99
74) N-amyl acetate	12.06	43	256325	47.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165968	46.864	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	231555	68.767	ug/l #	100
77) Bromobenzene	12.52	156	136202	48.266	ug/l	98
78) n-propylbenzene	12.58	91	694056	50.164	ug/l	99
79) 2-Chlorotoluene	12.67	91	398130	48.160	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	489415	49.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	62601	47.748	ug/l	99
82) 4-Chlorotoluene	12.77	91	417655	49.605	ug/l	100
83) tert-Butylbenzene	12.99	119	408026	49.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	487228	49.556	ug/l	99
85) sec-Butylbenzene	13.17	105	554697	50.071	ug/l	100
86) p-Isopropyltoluene	13.28	119	503190	50.512	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	249712	50.173	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	248926	49.782	ug/l	99
89) n-Butylbenzene	13.61	91	468986	52.144	ug/l	100
90) Hexachloroethane	13.87	117	68401	47.237	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	236489	49.693	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32854	44.261	ug/l	98

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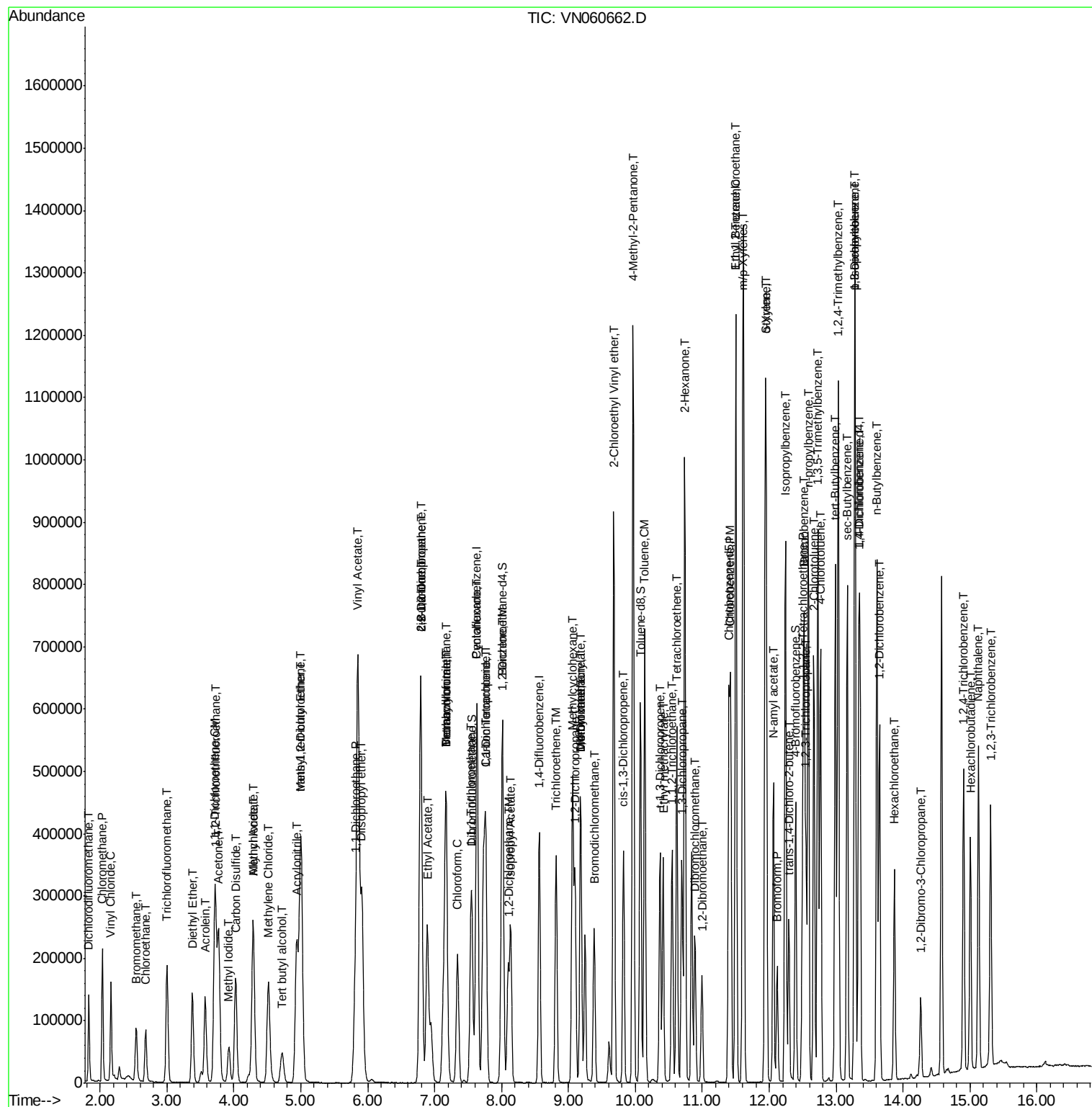
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	152829	52.294	ug/l	99
94) Hexachlorobutadiene	15.00	225	73529	51.323	ug/l	98
95) Naphthalene	15.13	128	434860	49.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142213	49.404	ug/l	99

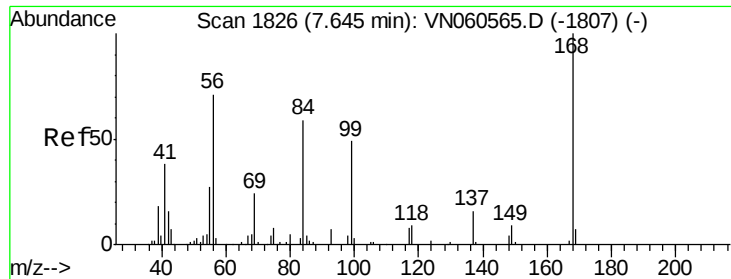
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

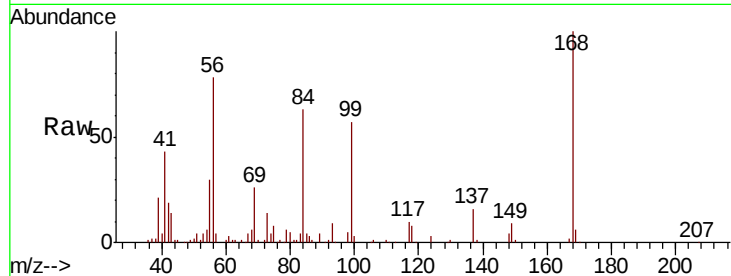
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 218667

Ion Ratio Lower Upper

168 100

99 56.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

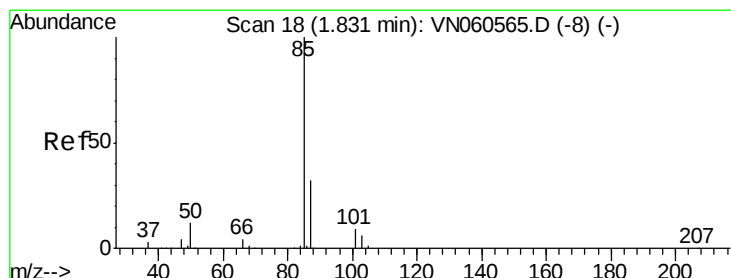
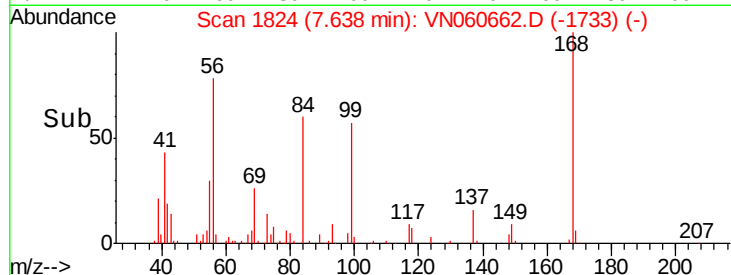
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.292 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060662.D

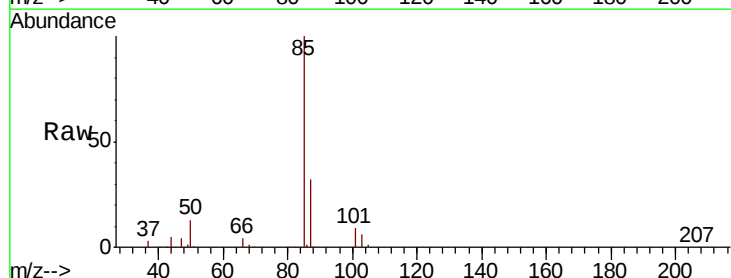
Acq: 24 Mar 2020 10:43

Tgt Ion: 85 Resp: 102176

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

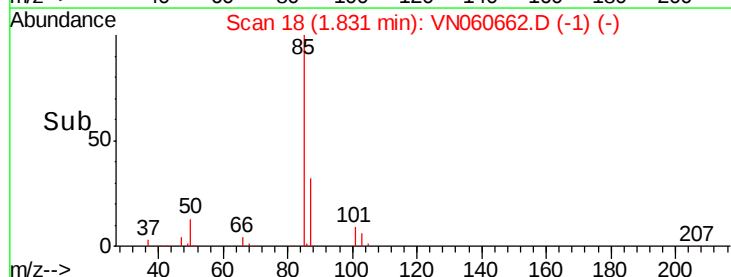
60000

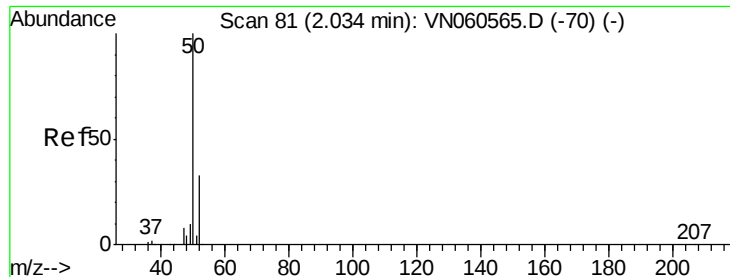
40000

20000

0

Time-->





#3

Chloromethane

Concen: 44.174 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

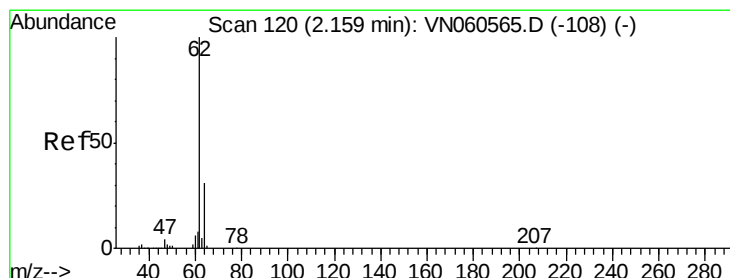
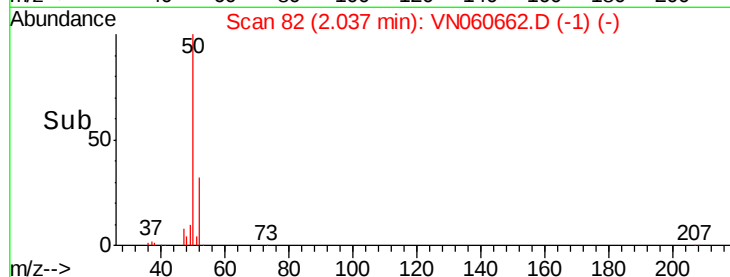
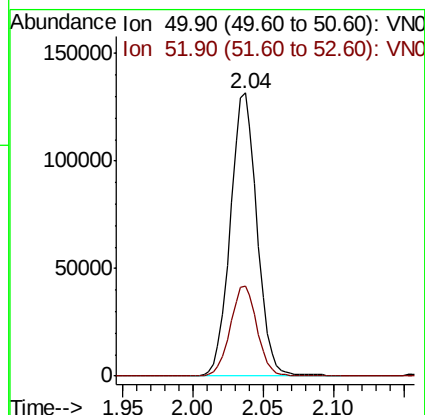
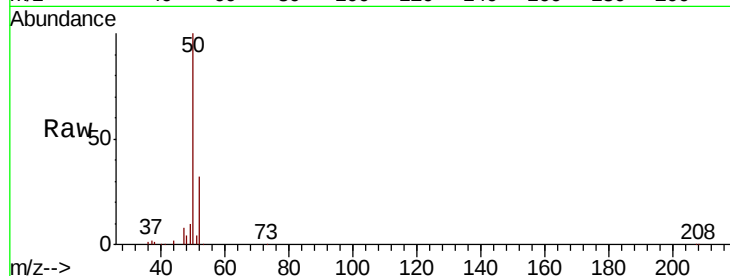
ClientSampled :

Tot Ion: 50 Resp: 174560

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 45.619 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060662.D

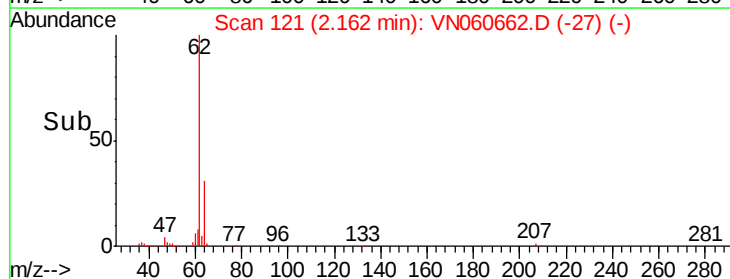
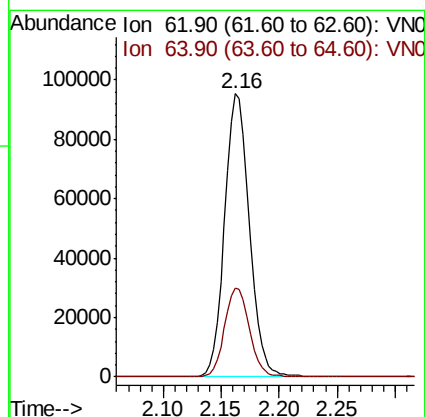
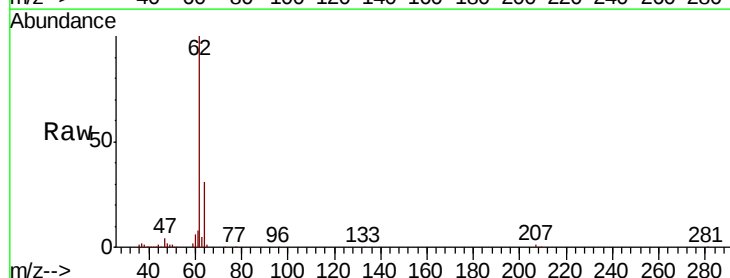
Acq: 24 Mar 2020 10:43

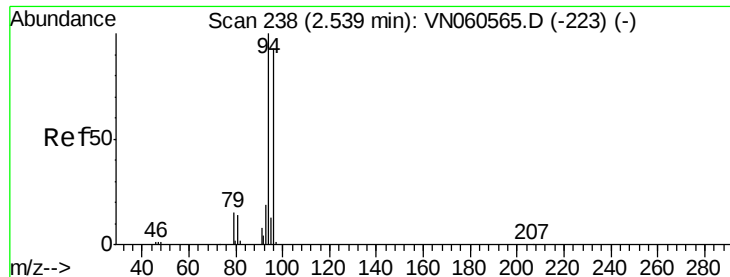
Tgt Ion: 62 Resp: 140999

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 48.025 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

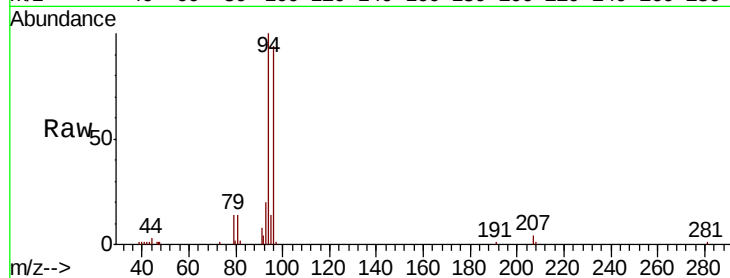
ClientSampleId :

Tot Ion: 94 Resp: 64077

Ion Ratio Lower Upper

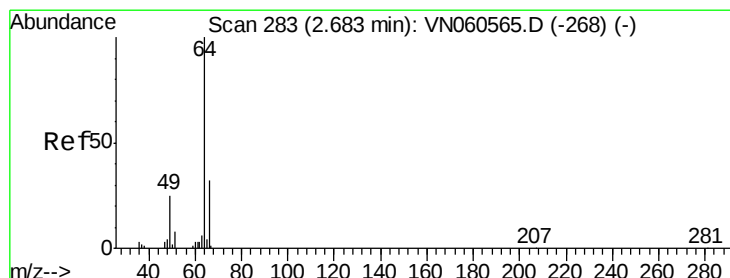
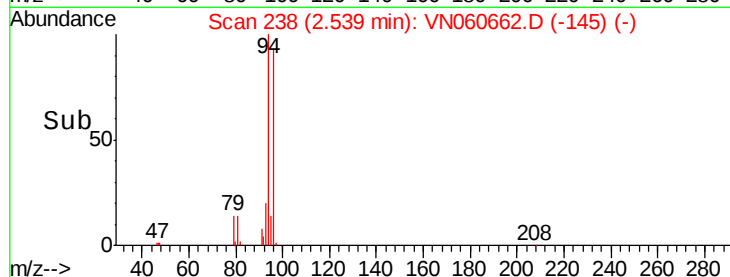
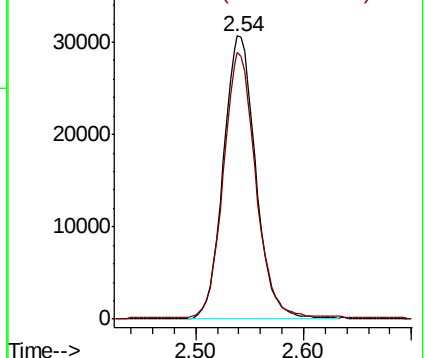
94 100

96 93.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.962 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060662.D

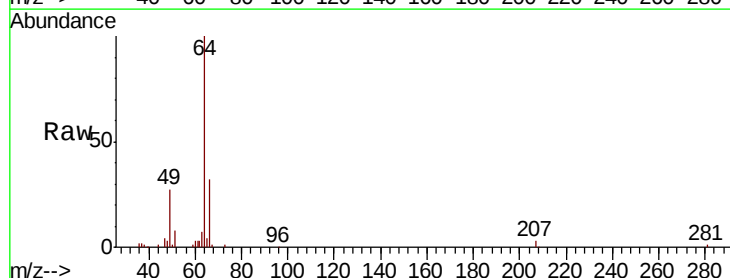
Acq: 24 Mar 2020 10:43

Tgt Ion: 64 Resp: 83613

Ion Ratio Lower Upper

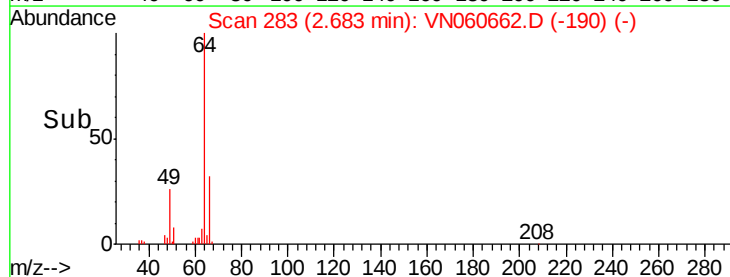
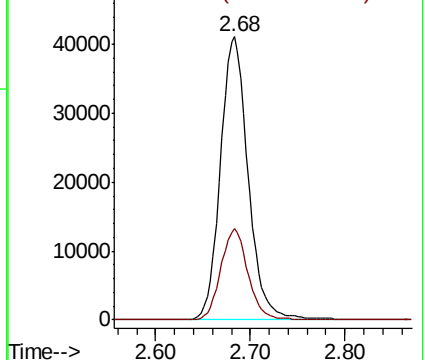
64 100

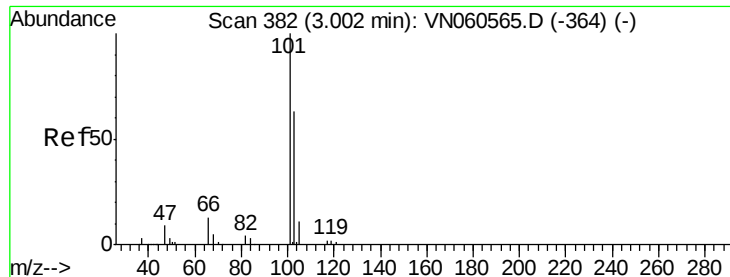
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



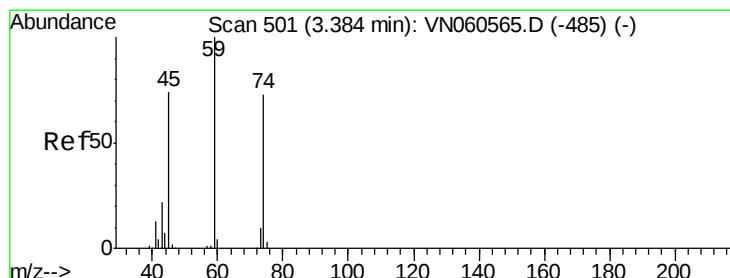
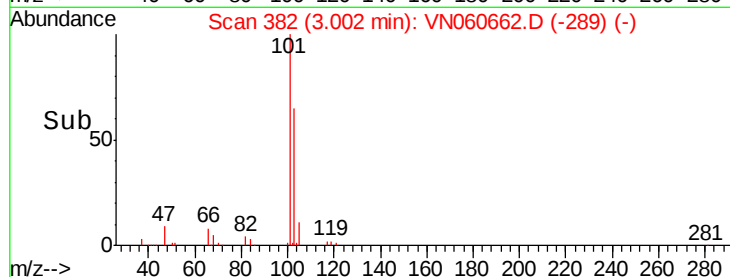
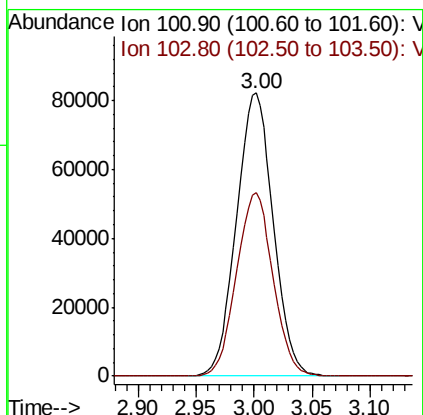
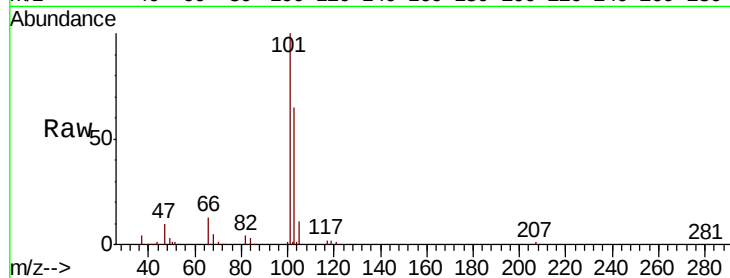


#7

Trichlorofluoromethane
Concen: 47.619 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampled :

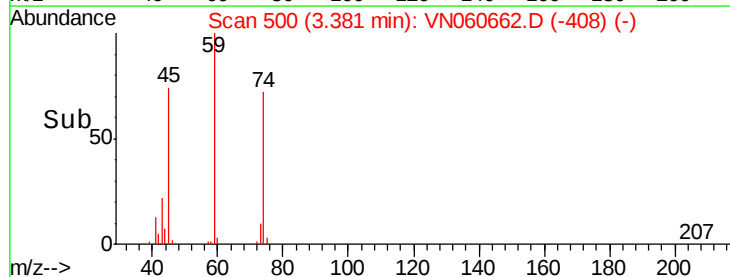
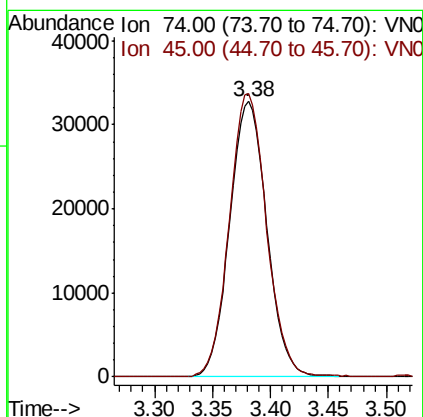
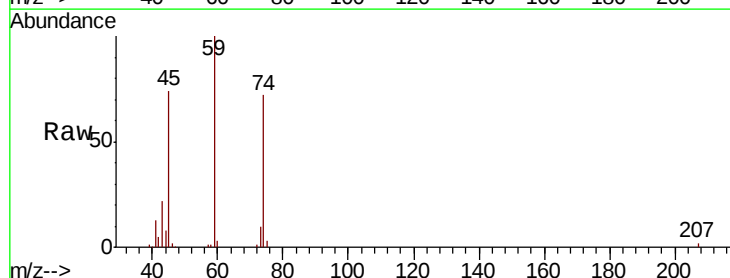
Tot Ion:101 Resp: 181303
Ion Ratio Lower Upper
101 100
103 64.8 50.6 76.0



#8

Diethyl Ether
Concen: 47.754 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 74 Resp: 73040
Ion Ratio Lower Upper
74 100
45 102.8 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.281 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

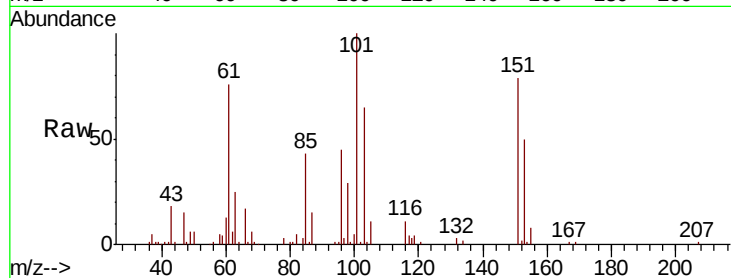
Tot Ion:101 Resp: 108723

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

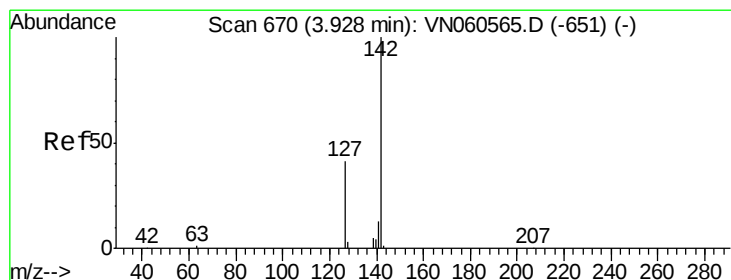
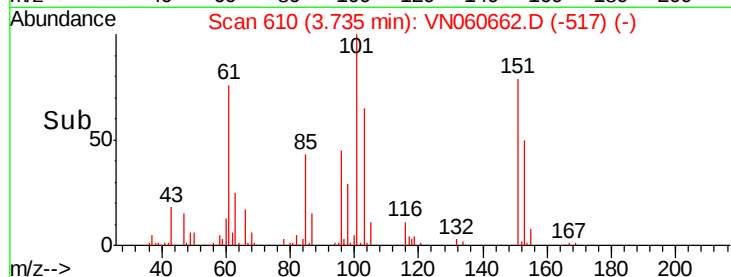
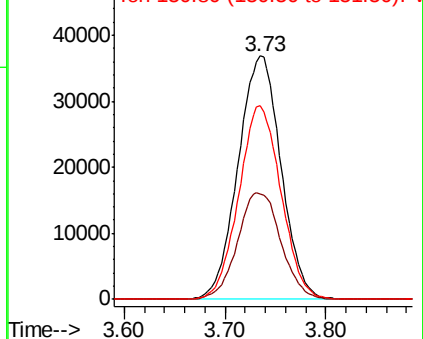
151 78.3 61.4 92.2



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: 47.561 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

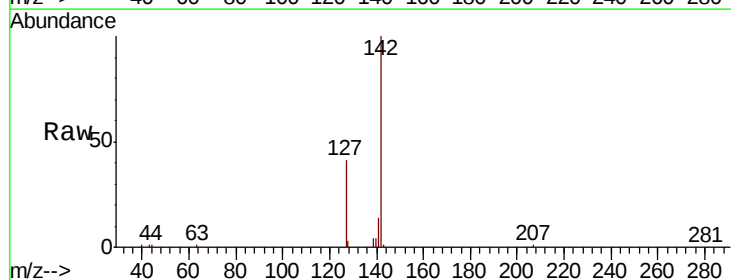
Tgt Ion:142 Resp: 93368

Ion Ratio Lower Upper

142 100

127 41.2 33.5 50.3

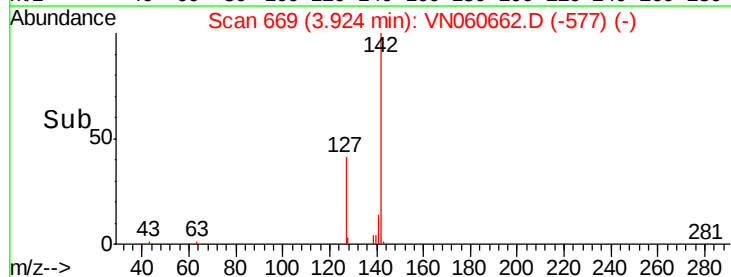
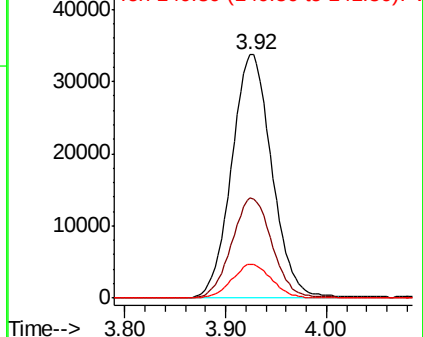
141 13.7 11.0 16.6

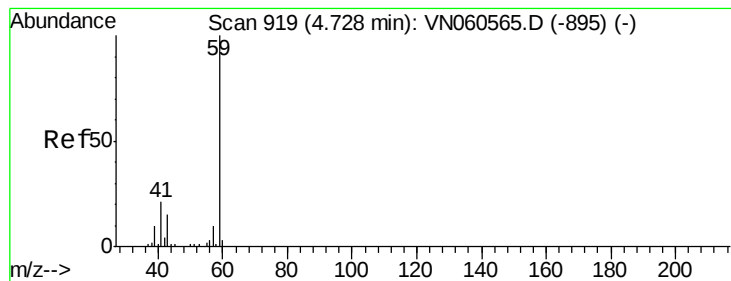


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



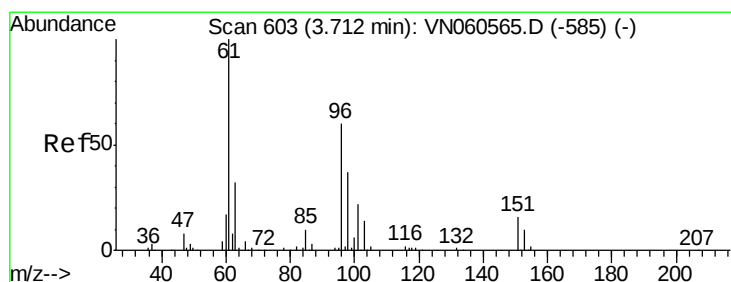
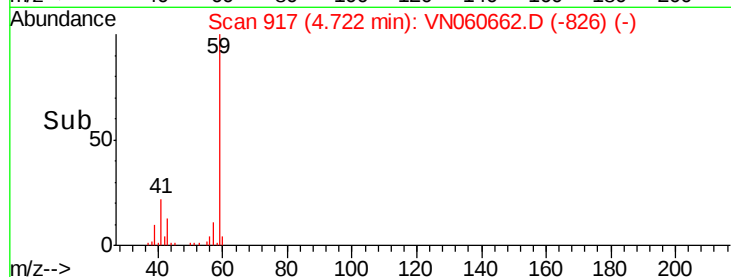
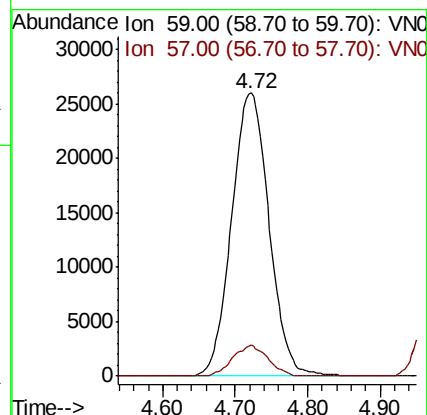
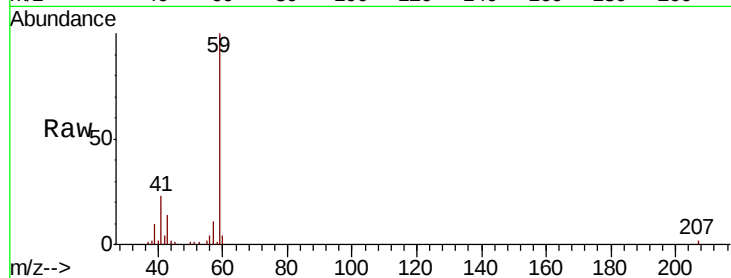


#11

Tert butyl alcohol
Concen: 211.652 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :

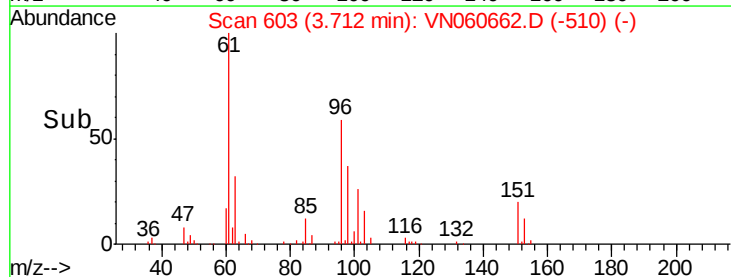
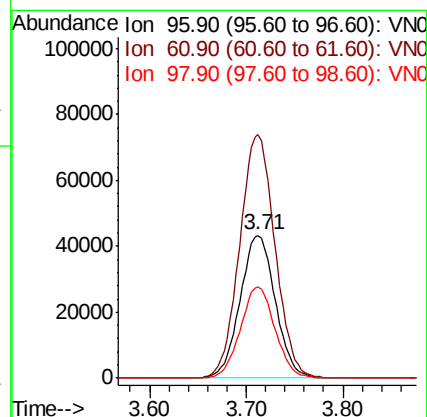
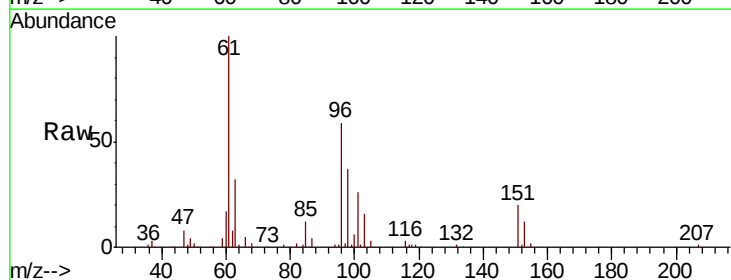
Tot Ion: 59 Resp: 93438
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

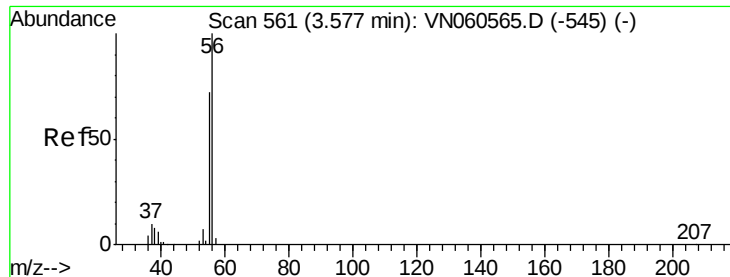


#12

1,1-Dichloroethene
Concen: 46.354 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 96 Resp: 109743
Ion Ratio Lower Upper
96 100
61 170.5 134.1 201.1
98 63.7 49.9 74.9





#13

Acrolein

Concen: 317.291 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.01 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

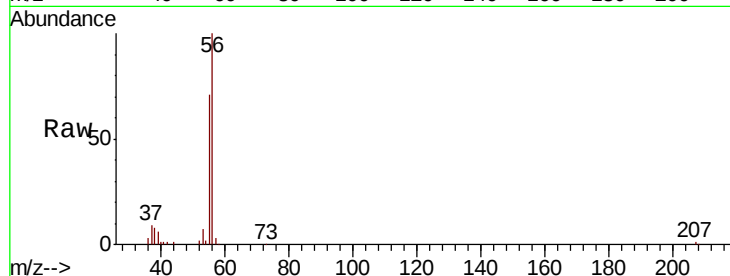
ClientSampleId :

Tot Ion: 56 Resp: 155244

Ion Ratio Lower Upper

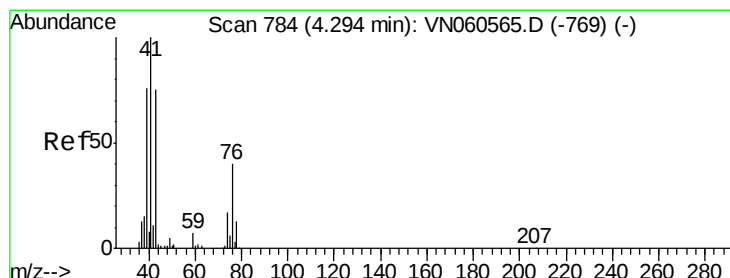
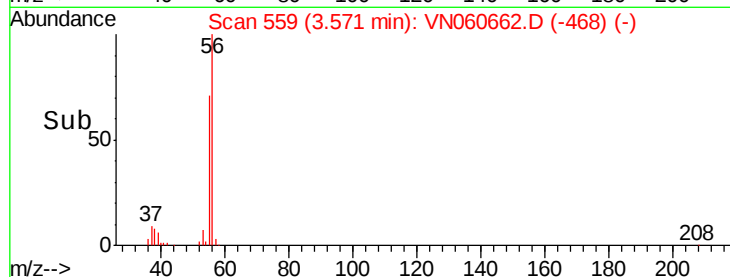
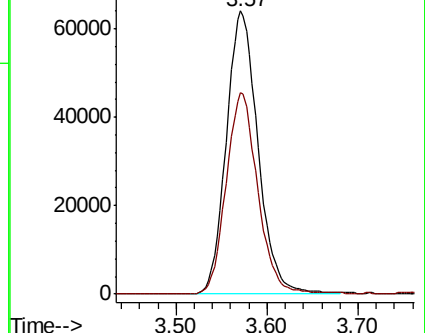
56 100

55 70.6 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN060662.D (-691) (-)

Ion 55.00 (54.70 to 55.70): VN060662.D (-691) (-)



#14

Allyl chloride

Concen: 47.178 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

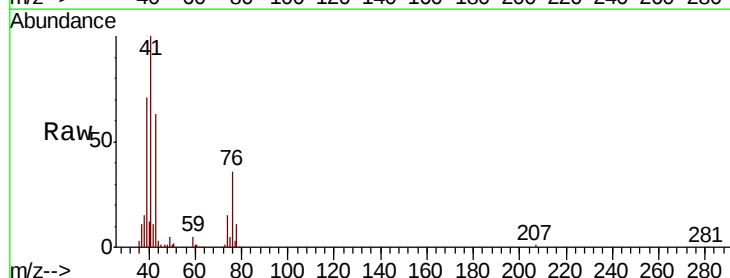
Tgt Ion: 41 Resp: 196445

Ion Ratio Lower Upper

41 100

39 71.9 57.8 86.8

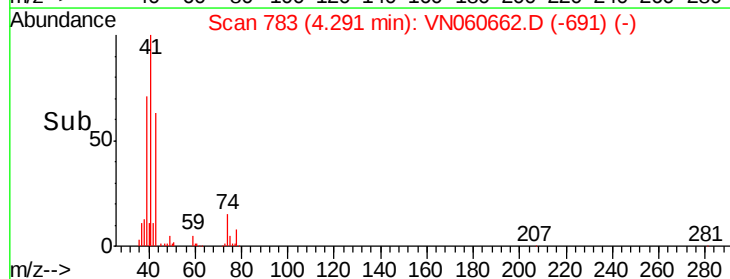
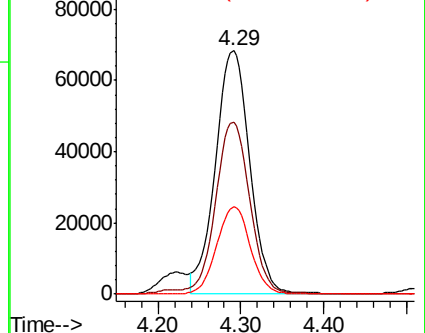
76 35.3 28.6 43.0

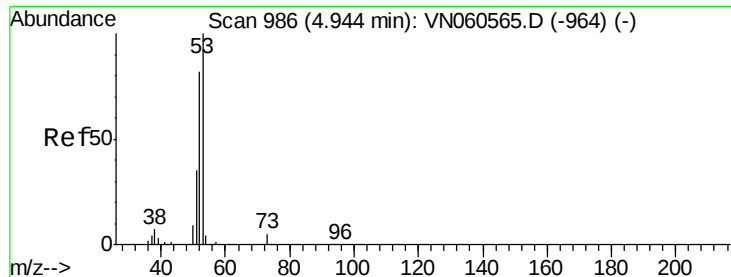


Abundance Ion 41.00 (40.70 to 41.70): VN060662.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060662.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060662.D (-691) (-)





#15

Acrylonitrile

Concen: 229.240 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

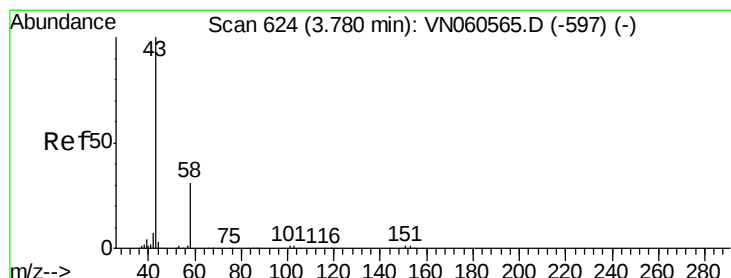
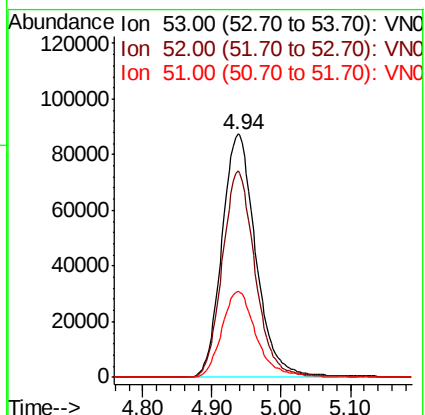
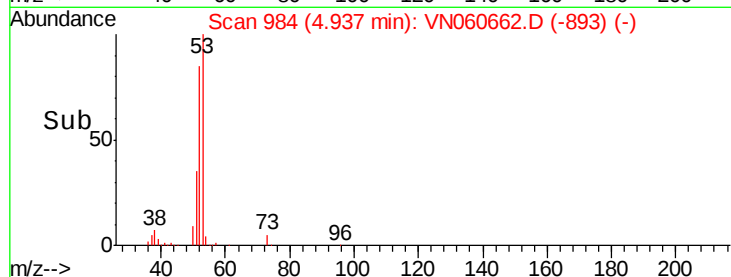
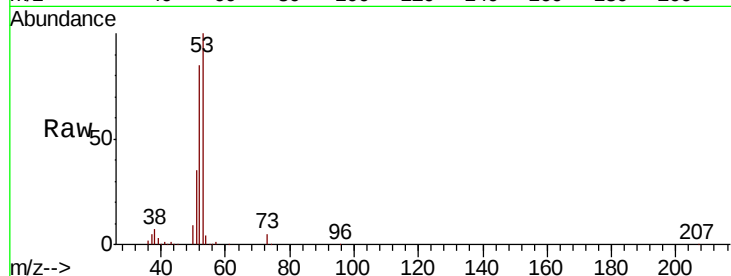
Tot Ion: 53 Resp: 297595

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 344.825 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060662.D

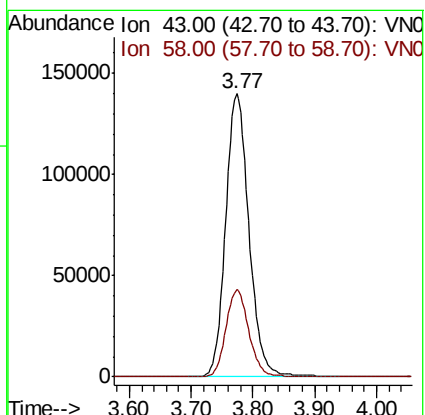
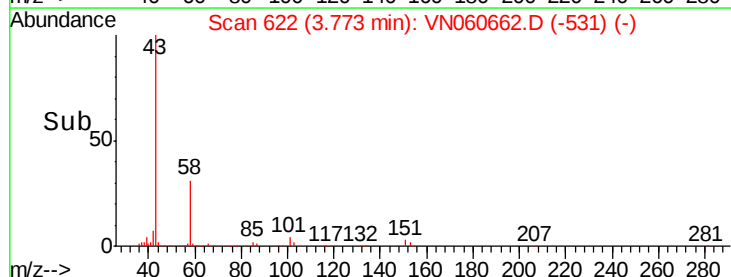
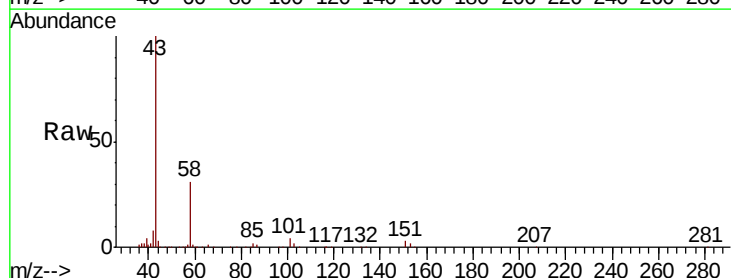
Acq: 24 Mar 2020 10:43

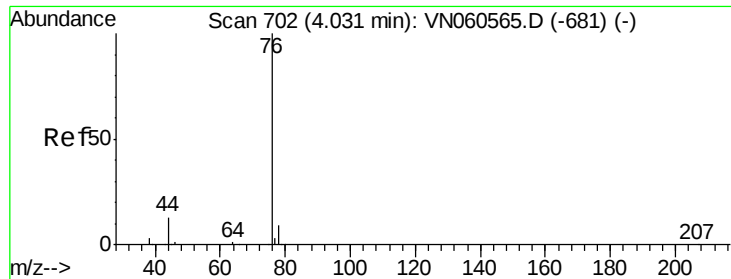
Tgt Ion: 43 Resp: 366652

Ion Ratio Lower Upper

43 100

58 30.9 25.1 37.7

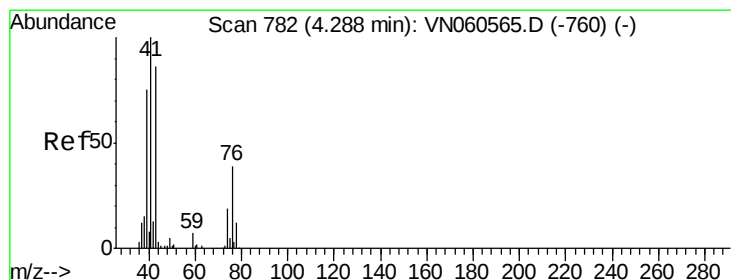
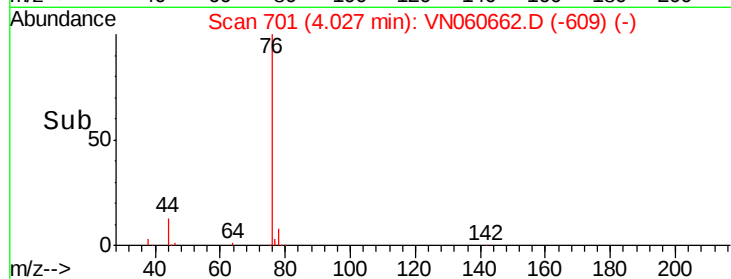
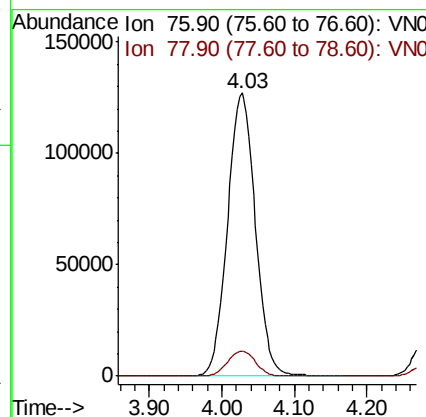
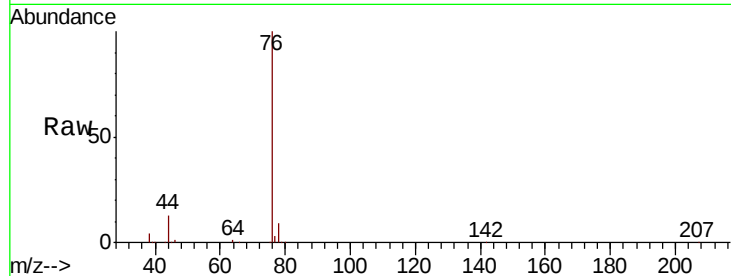




#17
Carbon Disulfide
Concen: 47.004 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

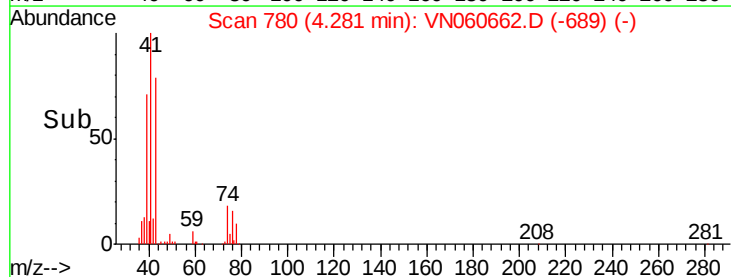
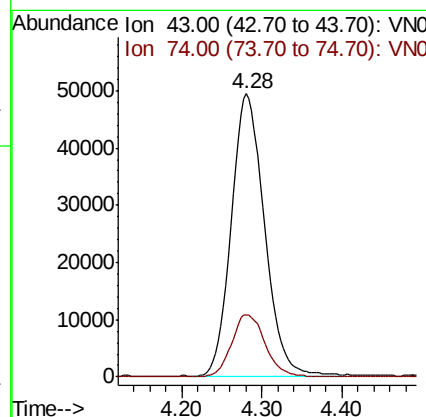
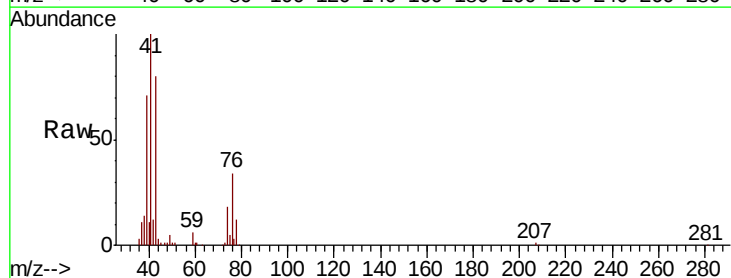
Instrument :
MSVOA_N
ClientSampleId :

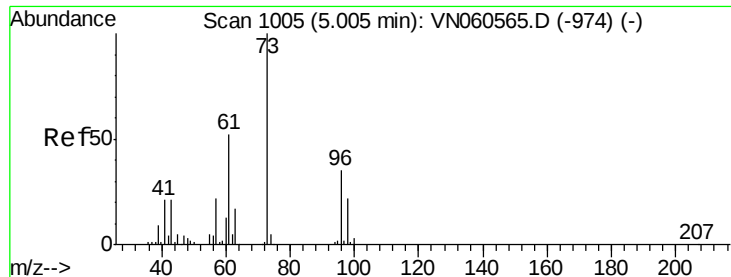
Tot Ion: 76 Resp: 338438
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 46.355 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.01 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 43 Resp: 138736
Ion Ratio Lower Upper
43 100
74 22.1 17.5 26.3

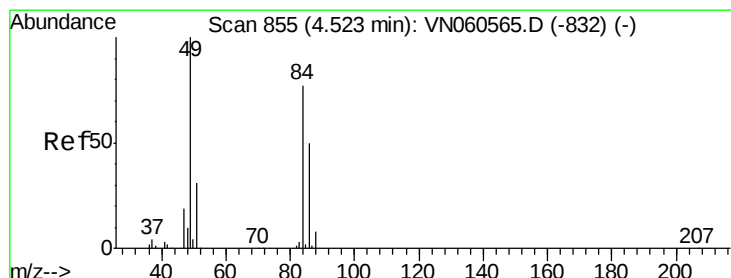
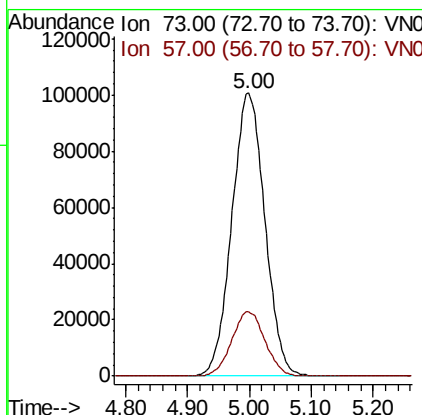
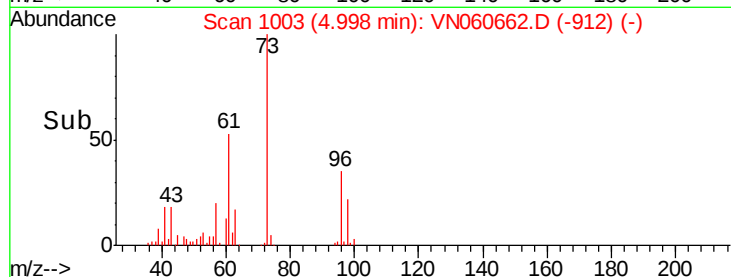
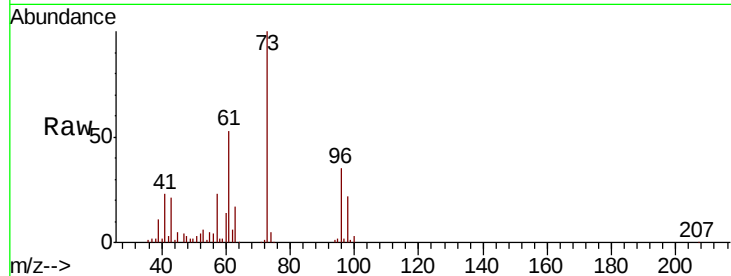




#19
Methyl tert-butyl Ether
Concen: 45.863 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

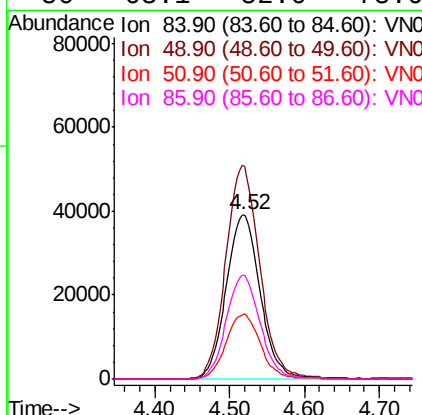
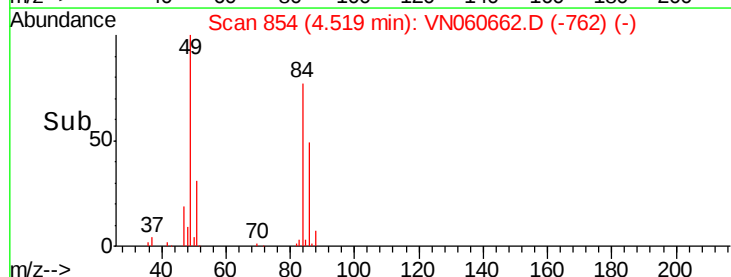
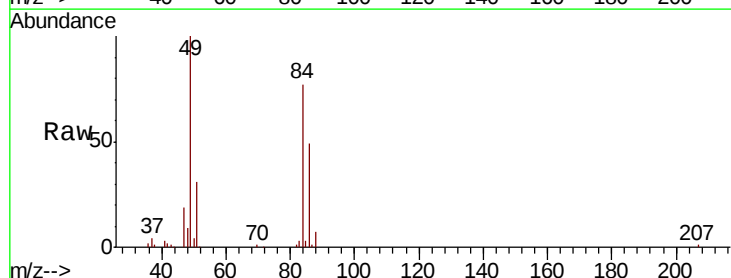
Instrument :
MSVOA_N
ClientSampled :

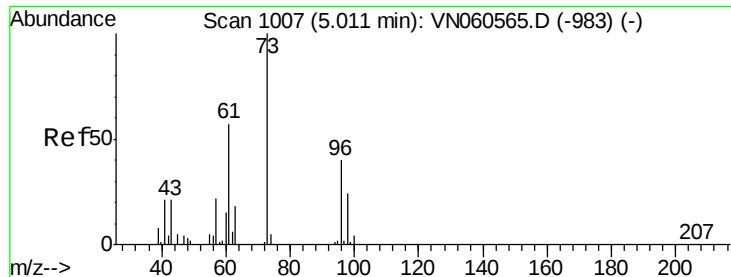
Tot Ion: 73 Resp: 373308
Ion Ratio Lower Upper
73 100
57 22.6 17.5 26.3



#20
Methylene Chloride
Concen: 47.255 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 84 Resp: 123603
Ion Ratio Lower Upper
84 100
49 129.4 103.3 154.9
51 39.6 31.6 47.4
86 63.1 52.0 78.0



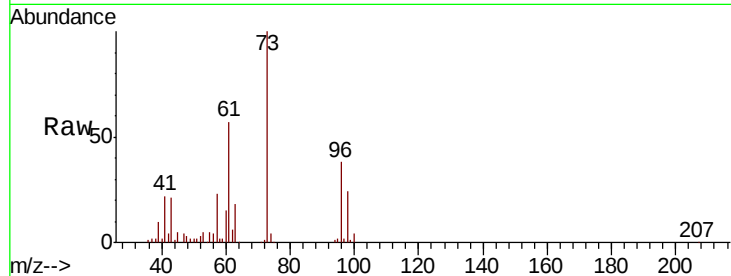


#21

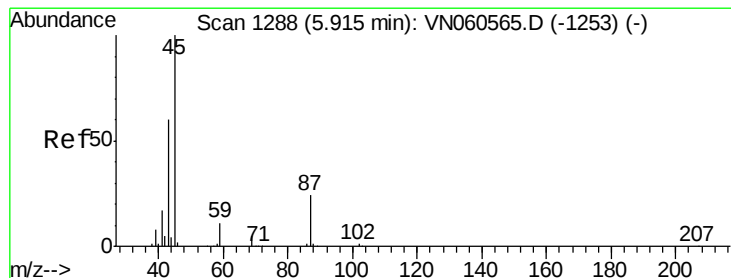
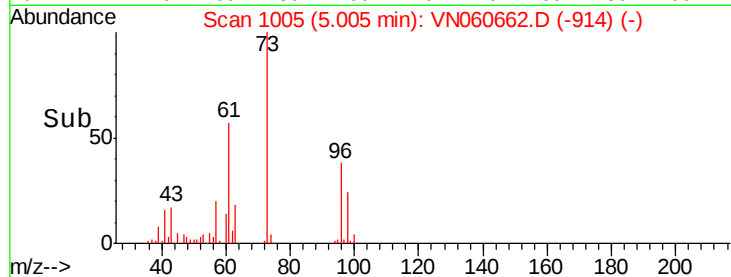
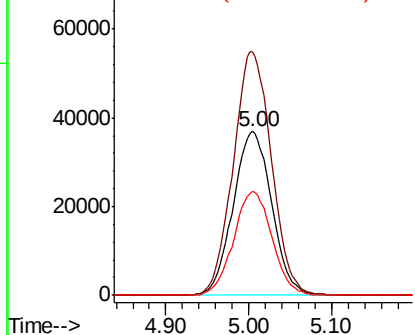
trans-1,2-Dichloroethene
Concen: 47.327 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 119417
Ion Ratio Lower Upper
96 100
61 148.6 114.4 171.6
98 63.3 48.4 72.6



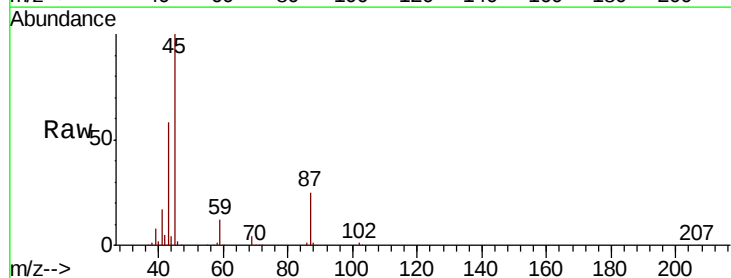
Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



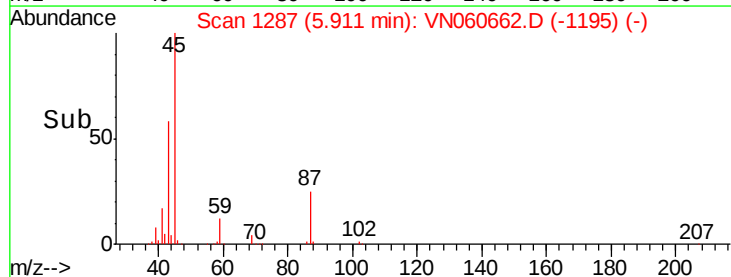
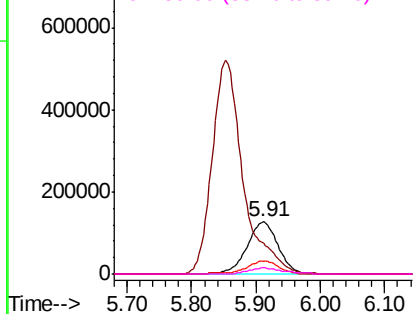
#22

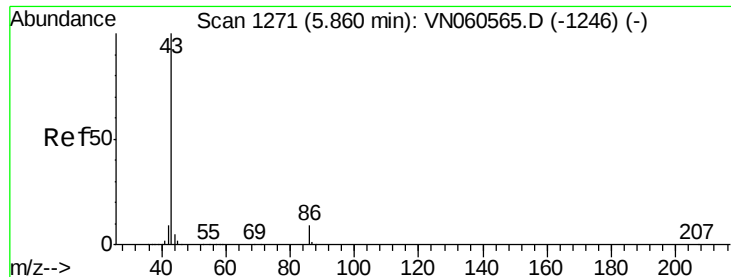
Diisopropyl ether
Concen: 48.379 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 45 Resp: 425590
Ion Ratio Lower Upper
45 100
43 56.9 49.8 74.8
87 24.8 20.1 30.1
59 11.6 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO

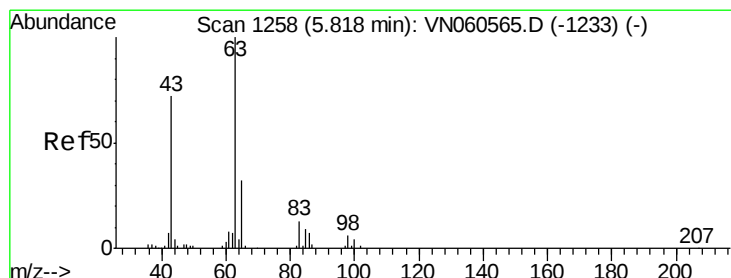
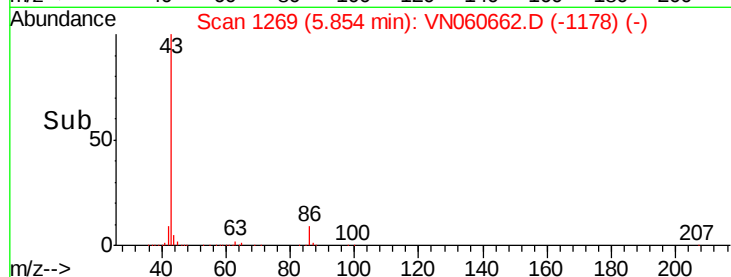
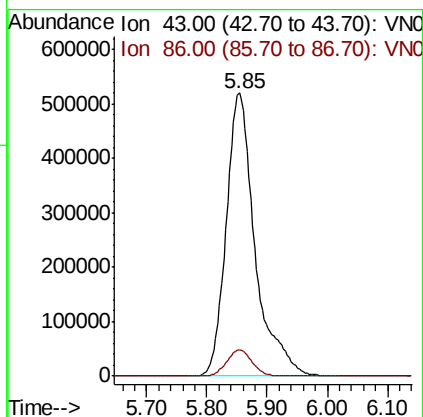
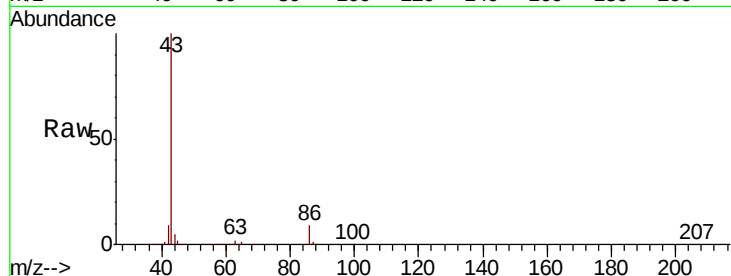




#23
 Vinyl Acetate
 Concen: 241.788 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

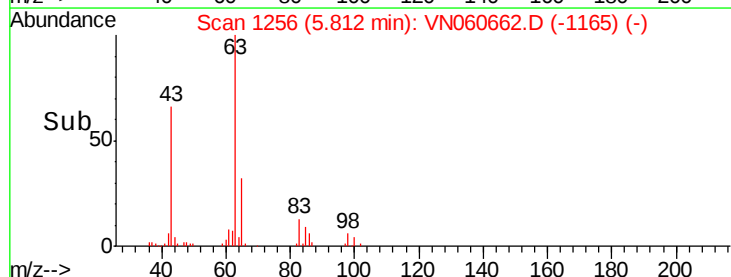
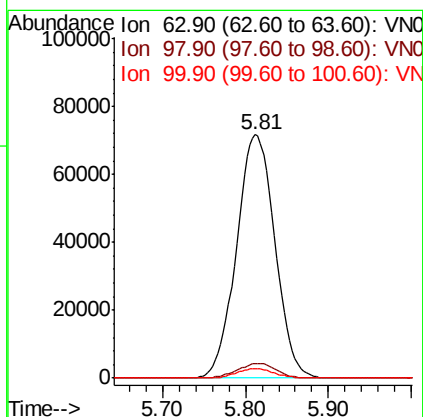
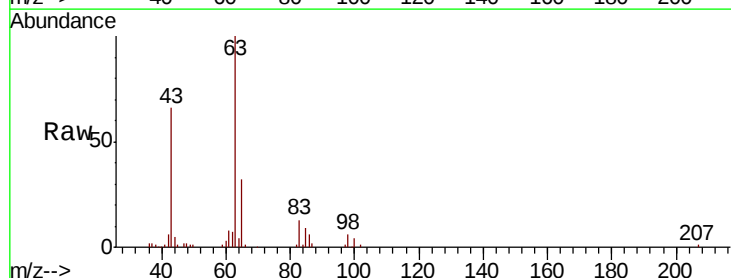
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 1735466
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 48.184 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Tgt Ion: 63 Resp: 231075
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.7
 100 3.8 1.8 5.5

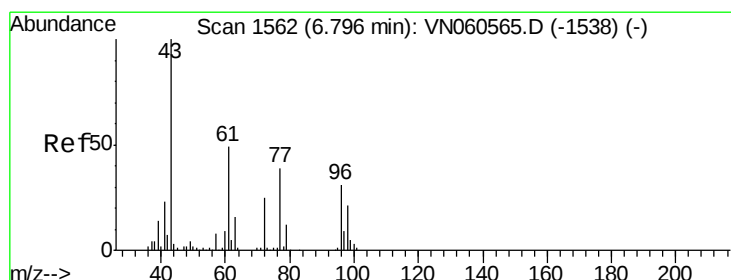
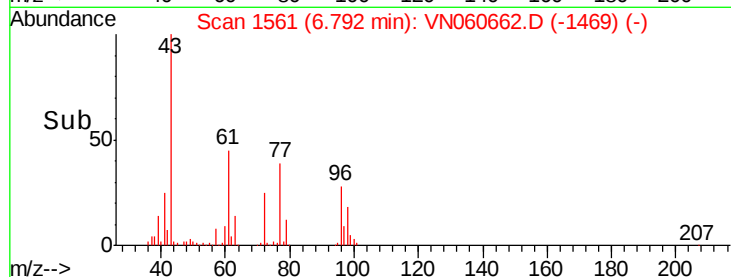
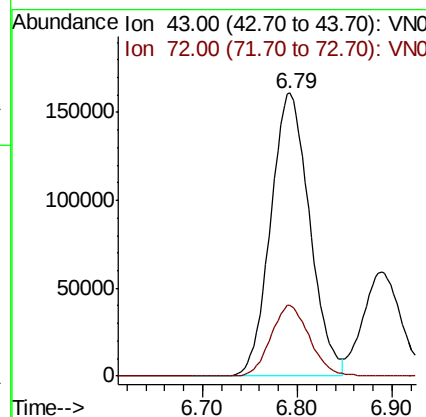
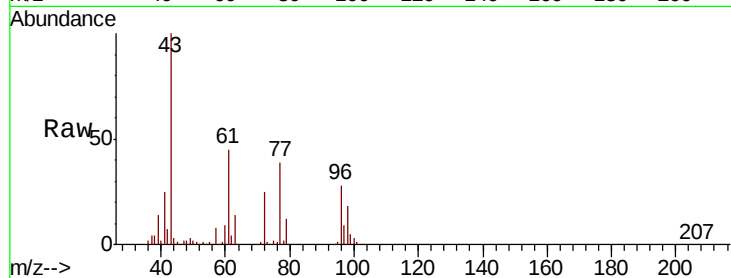




#25
 2-Butanone
 Concen: 267.233 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

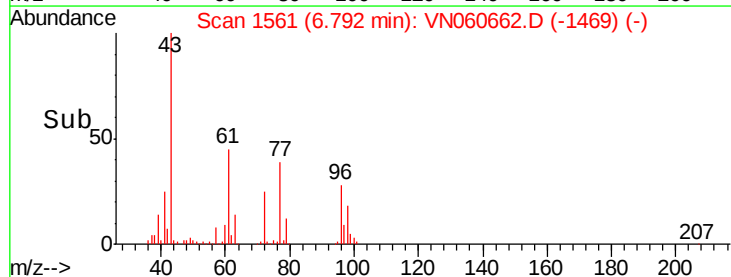
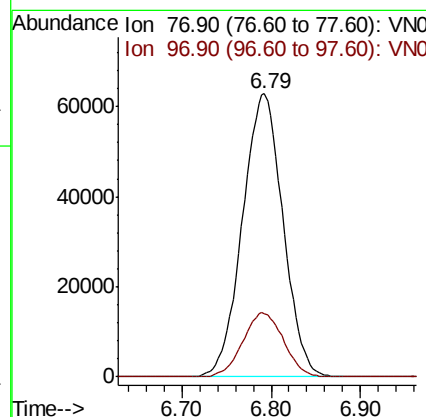
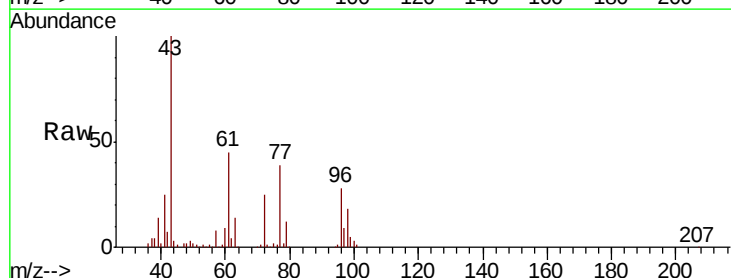
Instrument :
 MSVOA_N
 ClientSampled :

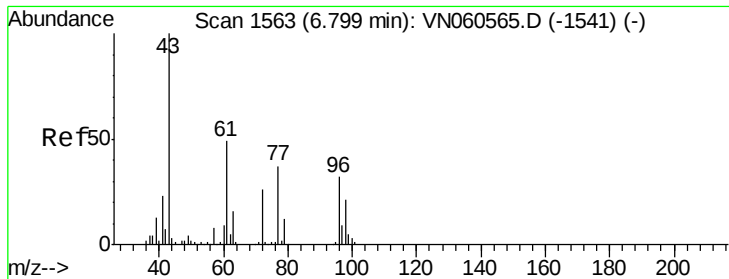
Tot Ion: 43 Resp: 459802
 Ion Ratio Lower Upper
 43 100
 72 25.0 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 52.636 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Tgt Ion: 77 Resp: 198606
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.667 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :

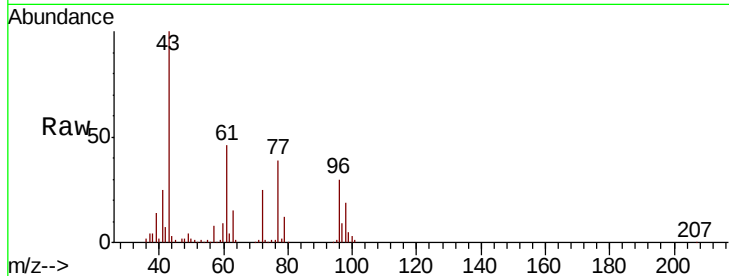
Tot Ion: 96 Resp: 136676

Ion Ratio Lower Upper

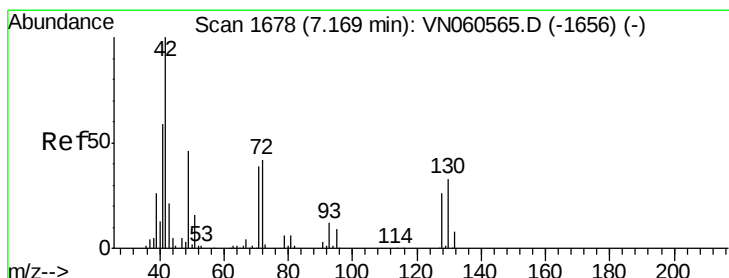
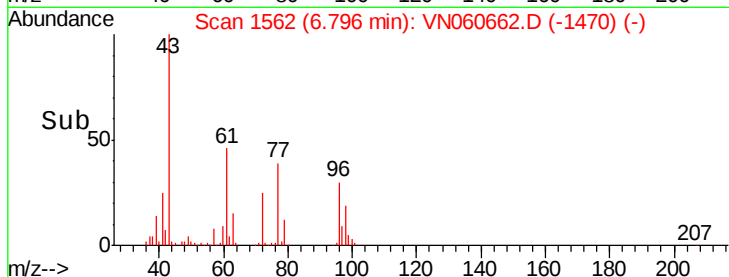
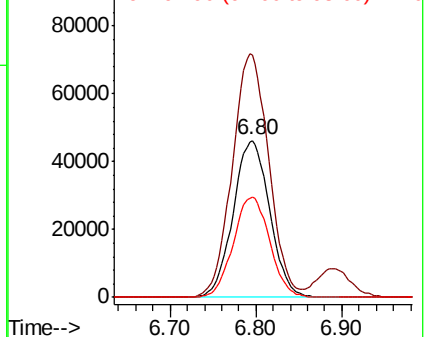
96 100

61 154.9 0.0 305.6

98 63.6 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: 54.517 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

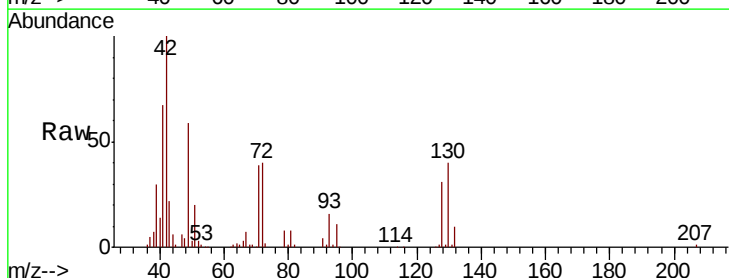
Tgt Ion: 49 Resp: 125088

Ion Ratio Lower Upper

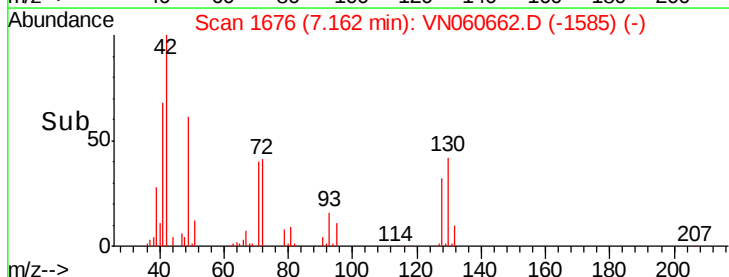
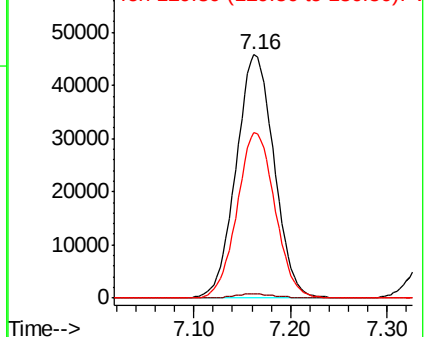
49 100

129 1.7 0.0 3.4

130 67.8 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

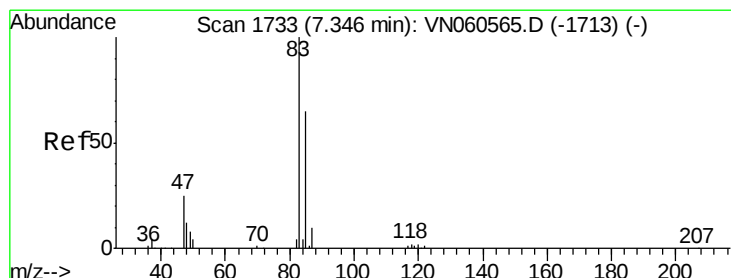
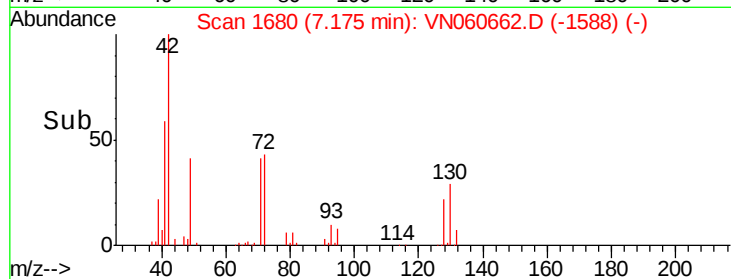
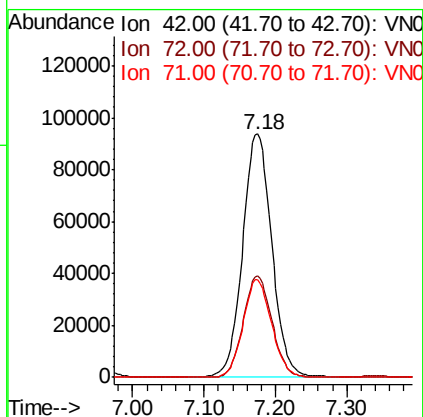
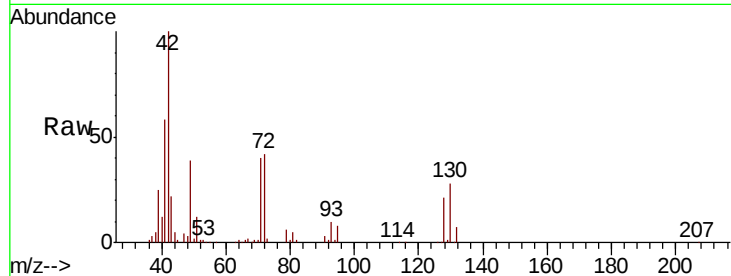




#29
Tetrahydrofuran
Concen: 220.070 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

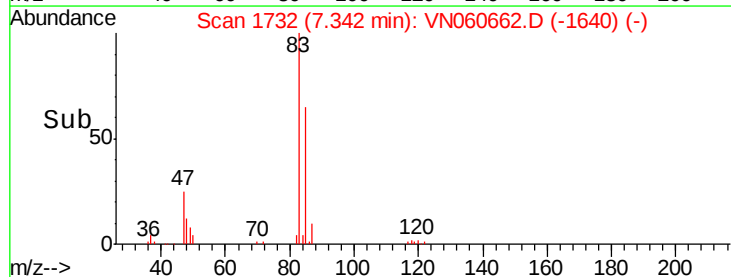
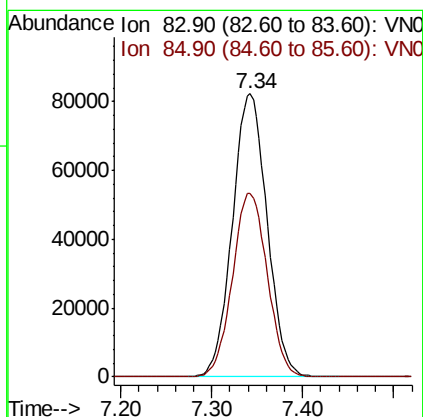
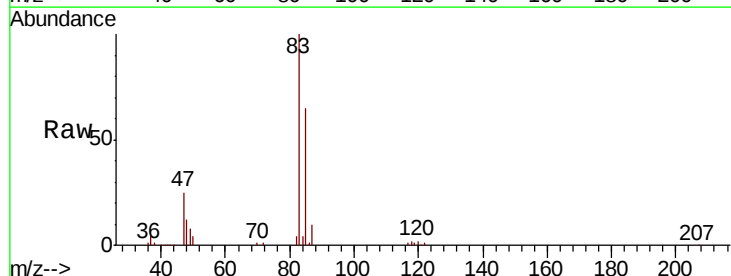
Instrument :
MSVOA_N
ClientSampleId :

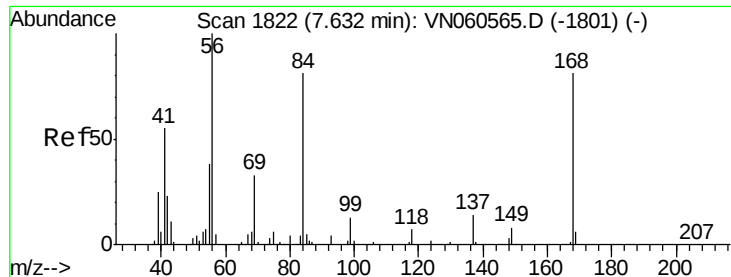
Tot Ion: 42 Resp: 267912
Ion Ratio Lower Upper
42 100
72 40.9 33.2 49.8
71 39.1 31.1 46.7



#30
Chloroform
Concen: 47.383 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 83 Resp: 217839
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8

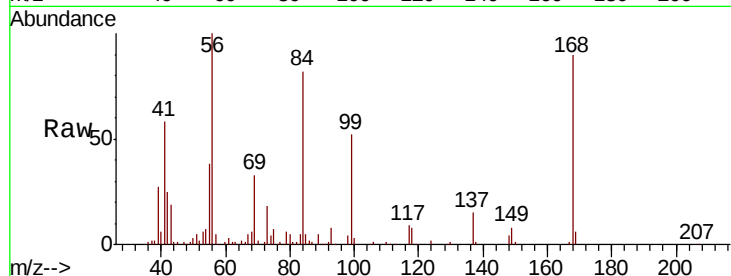




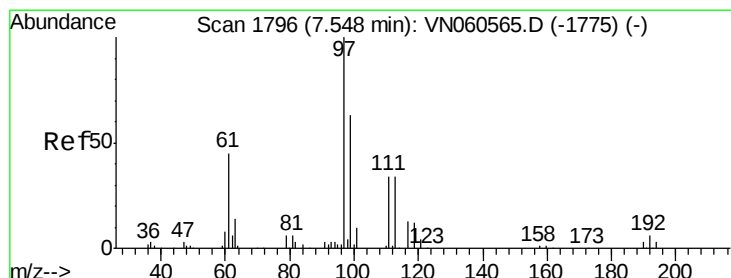
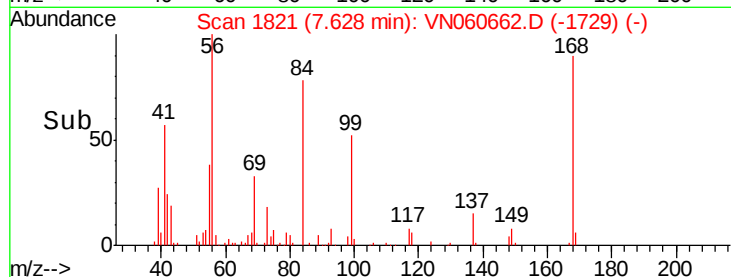
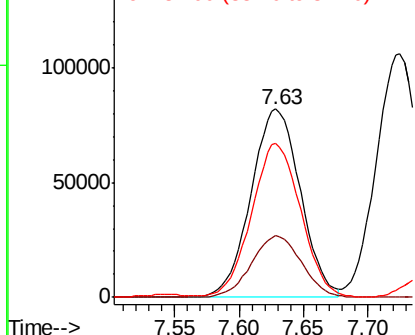
#31
Cyclohexane
Concen: 45.312 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 219070
Ion Ratio Lower Upper
56 100
69 32.7 26.6 40.0
84 80.8 64.3 96.5

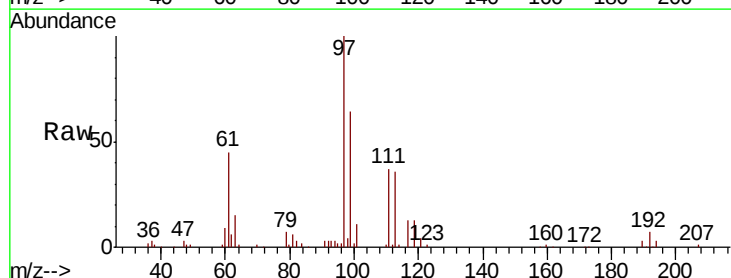


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

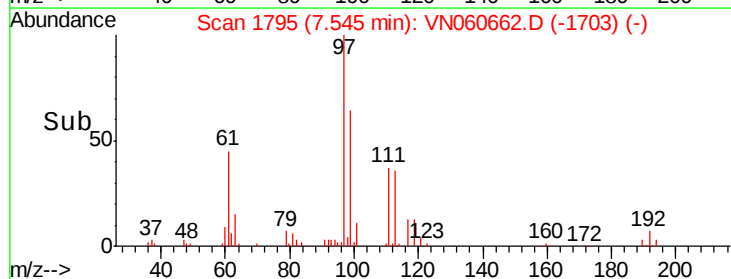
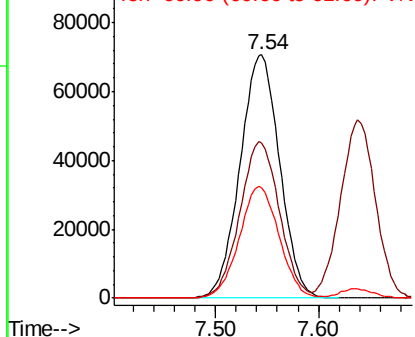


#32
1,1,1-Trichloroethane
Concen: 47.643 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 97 Resp: 188825
Ion Ratio Lower Upper
97 100
99 64.3 50.6 75.8
61 46.1 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

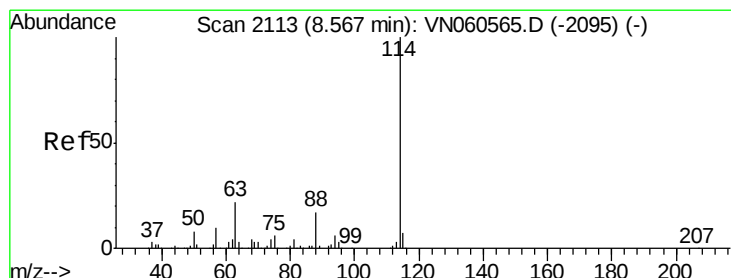
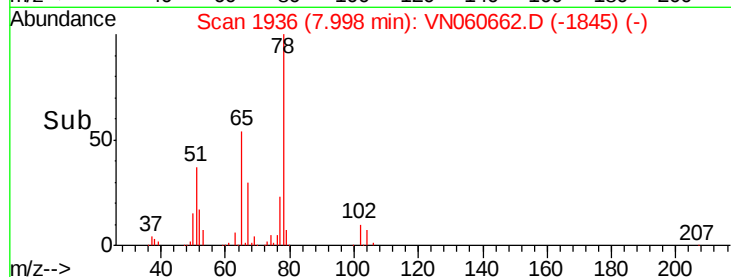
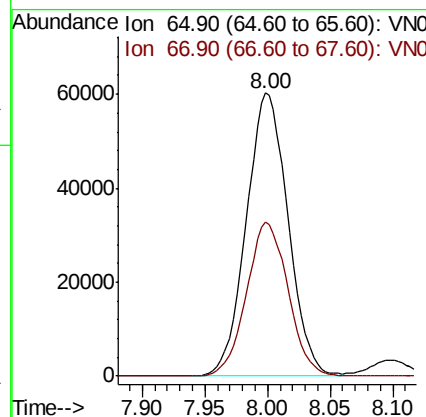
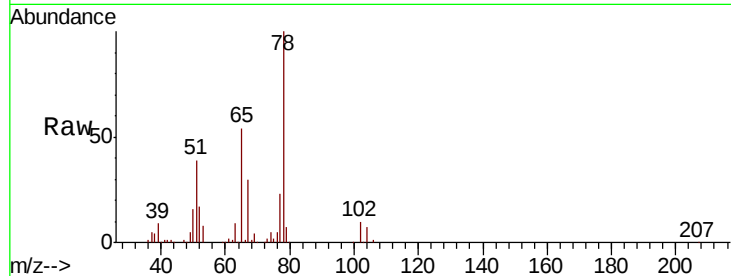




#33
 1,2-Dichloroethane-d4
 Concen: 46.514 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

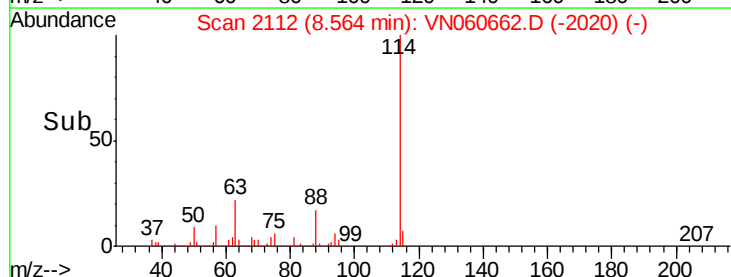
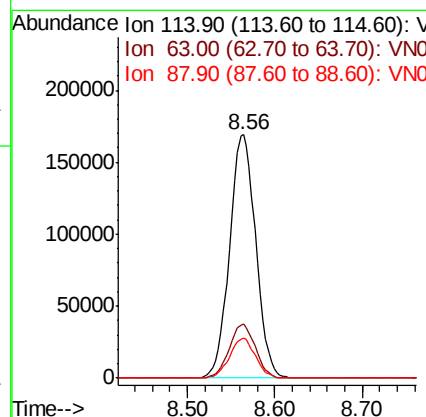
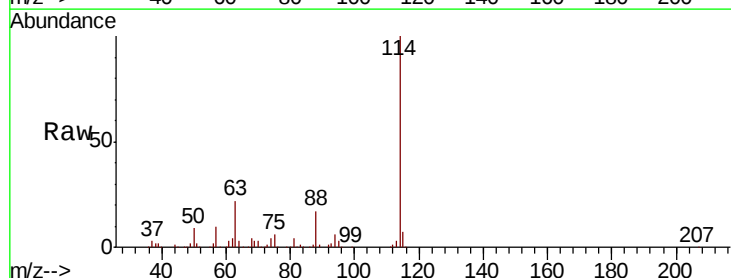
Instrument :
 MSVOA_N
 ClientSampleId :

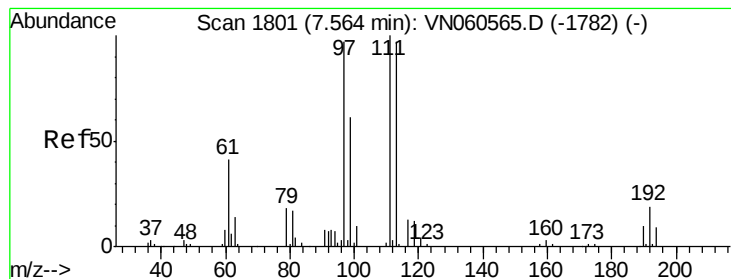
Tot Ion: 65 Resp: 139626
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Tgt Ion: 114 Resp: 350491
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.103 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampled :

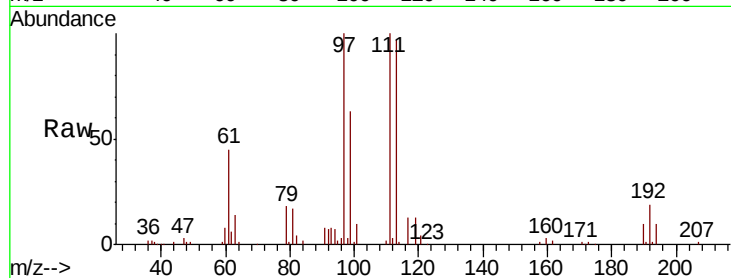
Tot Ion:113 Resp: 104065

Ion Ratio Lower Upper

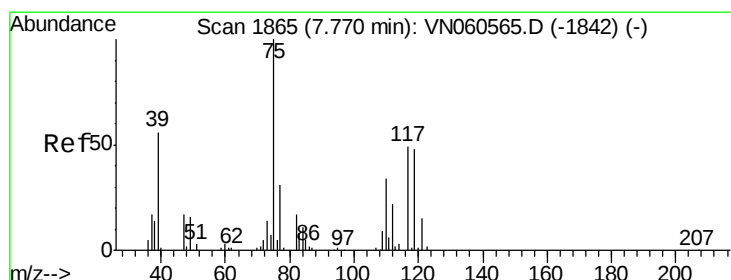
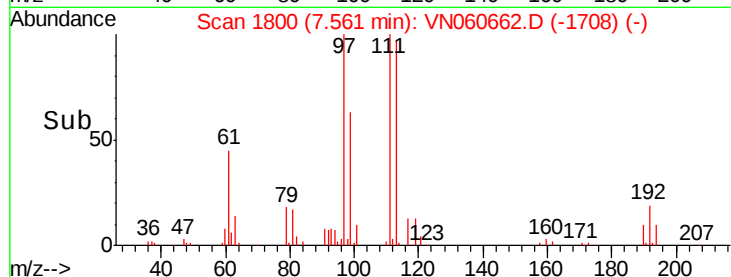
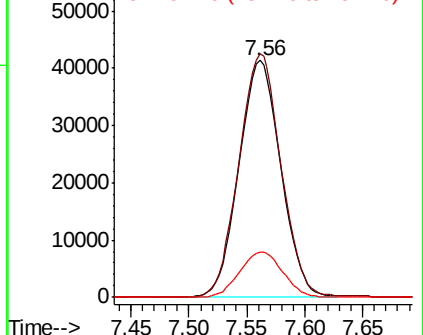
113 100

111 103.6 82.9 124.3

192 19.7 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: 50.970 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

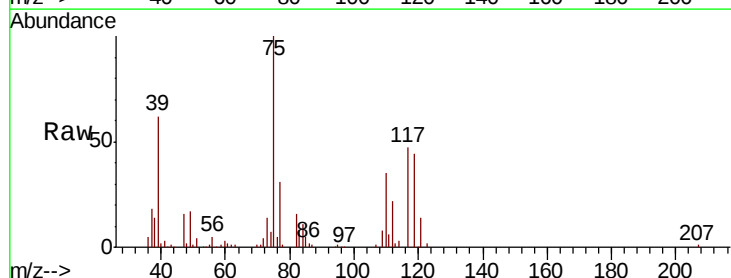
Tgt Ion: 75 Resp: 172983

Ion Ratio Lower Upper

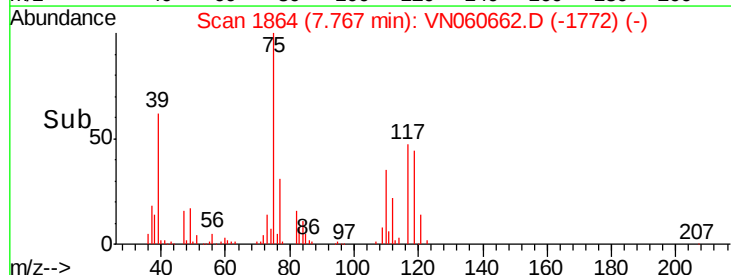
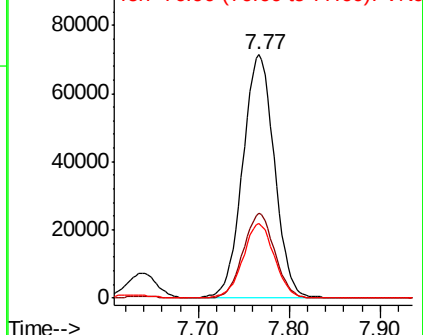
75 100

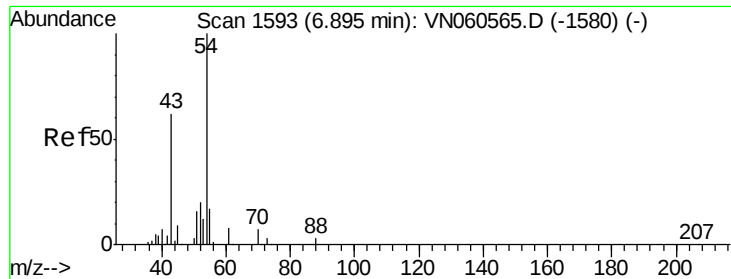
110 34.3 16.9 50.6

77 30.5 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

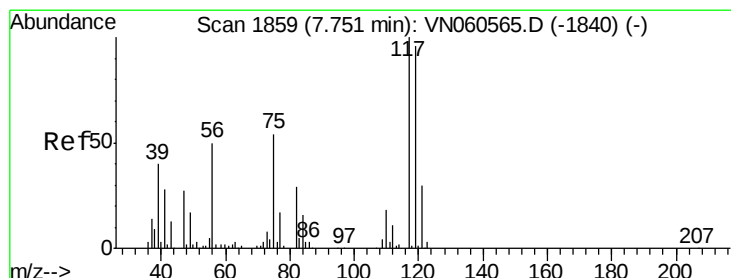
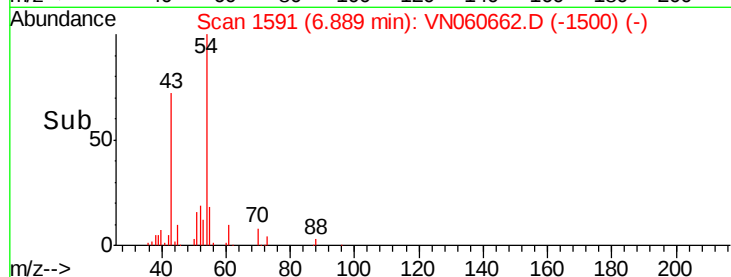
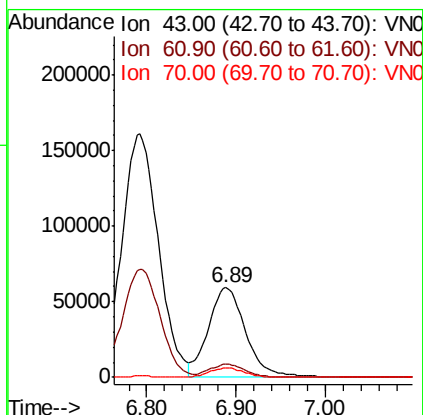
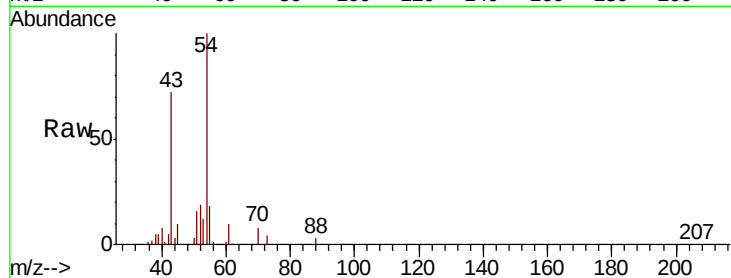




#37
Ethyl Acetate
Concen: 46.503 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

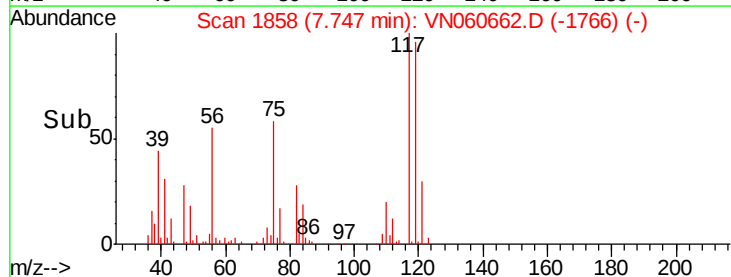
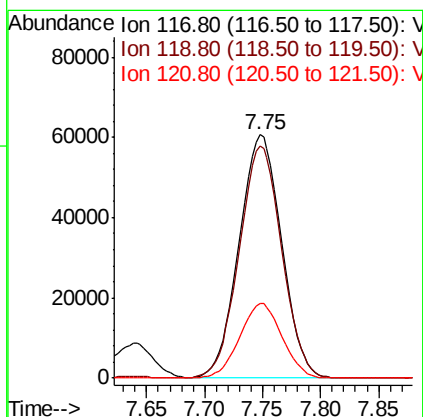
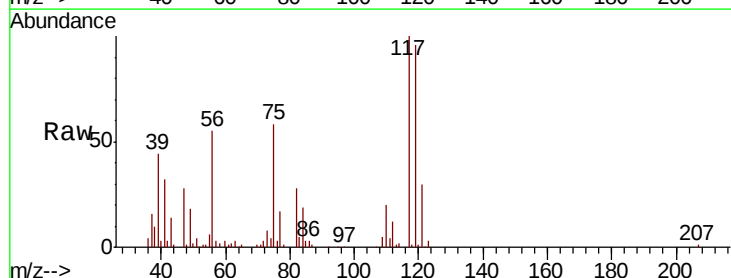
Instrument :
MSVOA_N
ClientSampled :

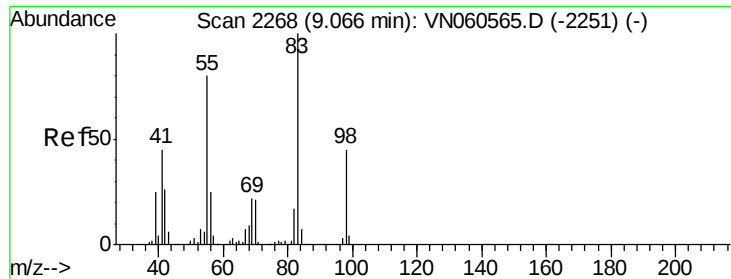
Tot Ion: 43 Resp: 170530
Ion Ratio Lower Upper
43 100
61 14.2 10.6 15.8
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.908 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 117 Resp: 154850
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.2
121 30.4 23.7 35.5

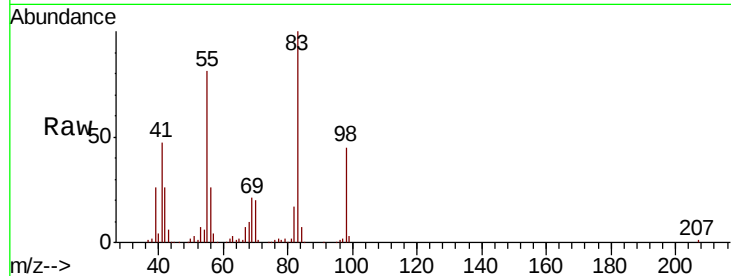




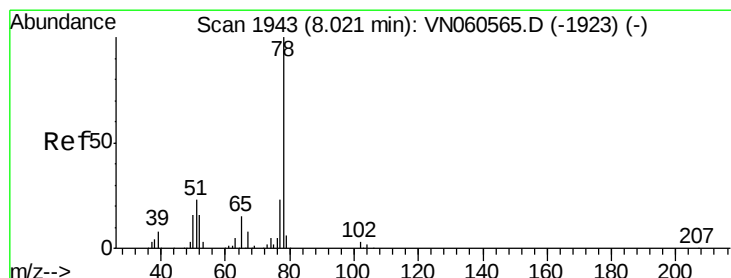
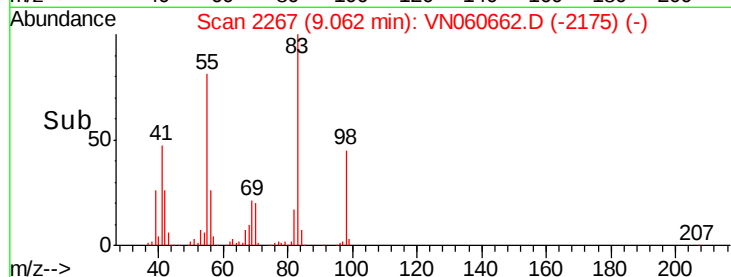
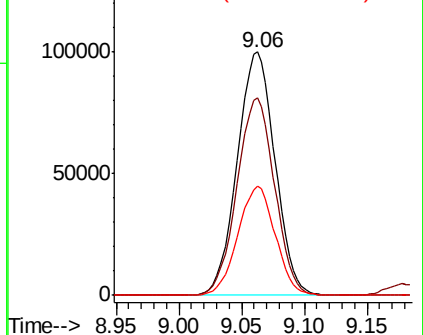
#39
Methvlcvclohexane
Concen: 51.874 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 209214
Ion Ratio Lower Upper
83 100
55 81.1 63.6 95.4
98 44.9 36.0 54.0

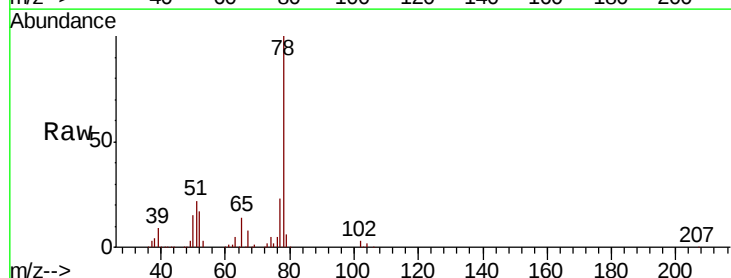


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

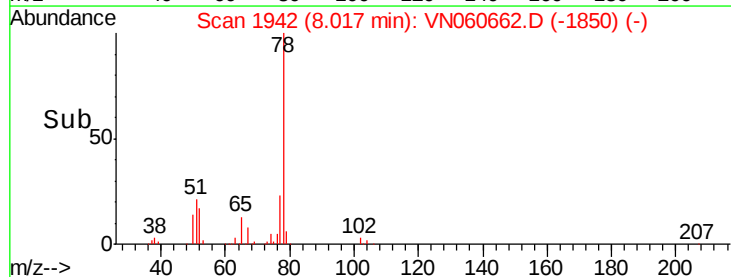
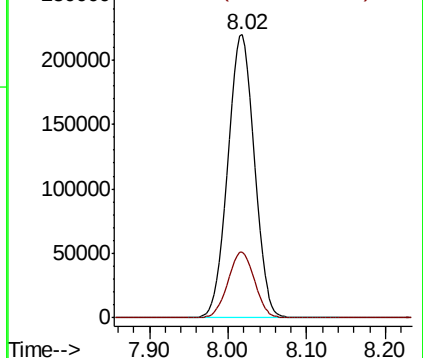


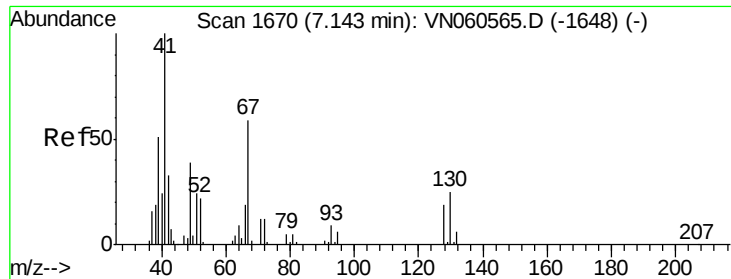
#40
Benzene
Concen: 50.110 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 78 Resp: 513388
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

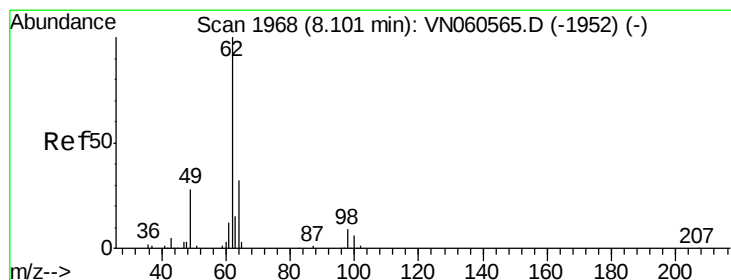
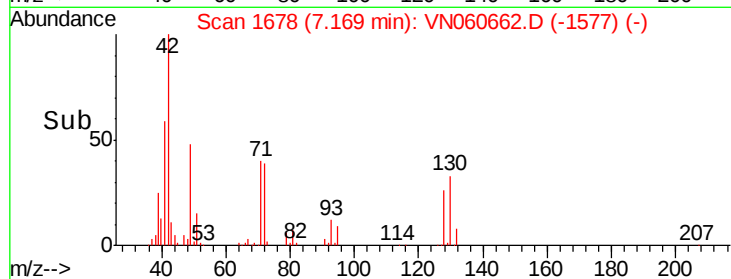
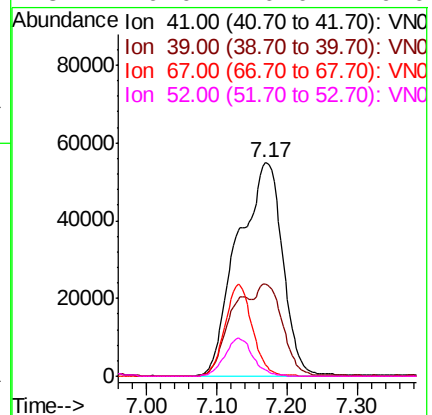
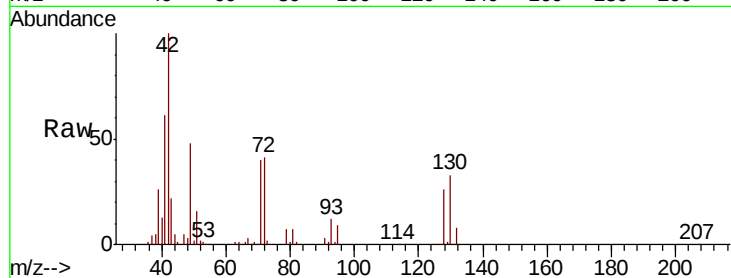




#41
Methacrylonitrile
Concen: 156.122 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.03 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

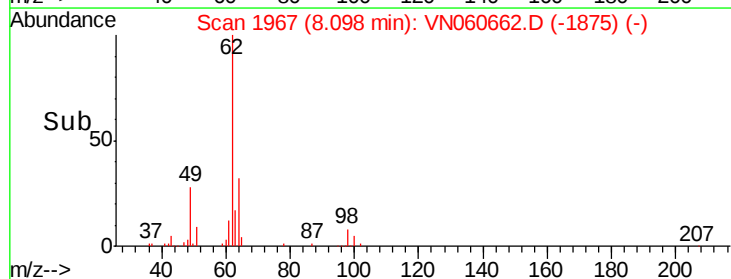
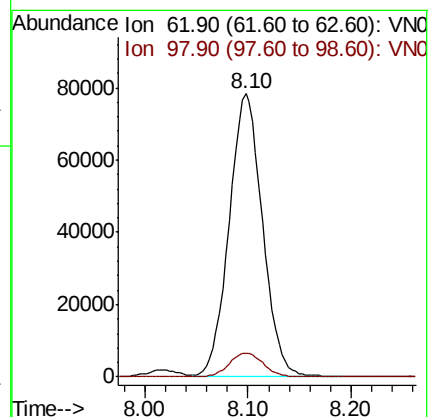
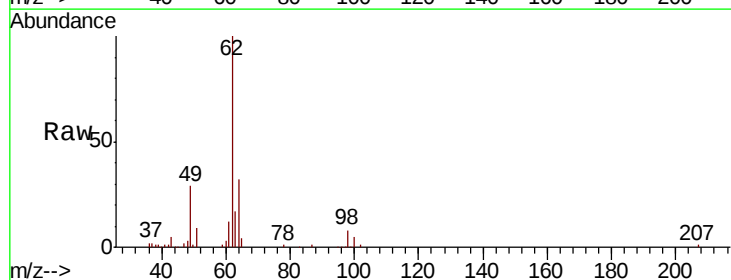
Instrument :
MSVOA_N
ClientSampled :

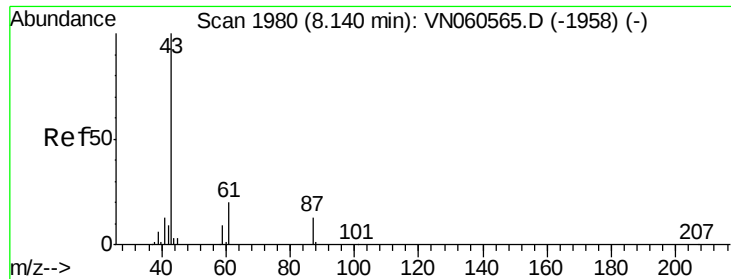
Tot Ion:	41	Resp:	244334
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.499 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion:	62	Resp:	176814
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 47.925 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

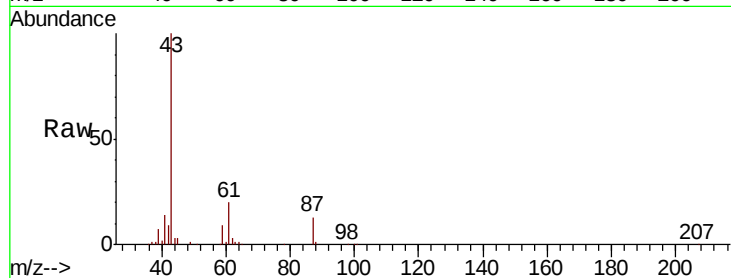
Tot Ion: 43 Resp: 289838

Ion Ratio Lower Upper

43 100

61 26.1 20.7 31.1

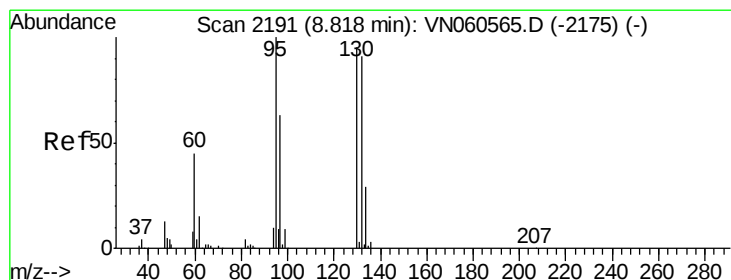
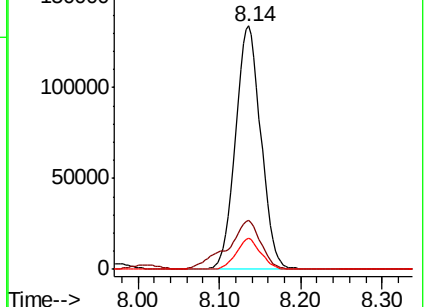
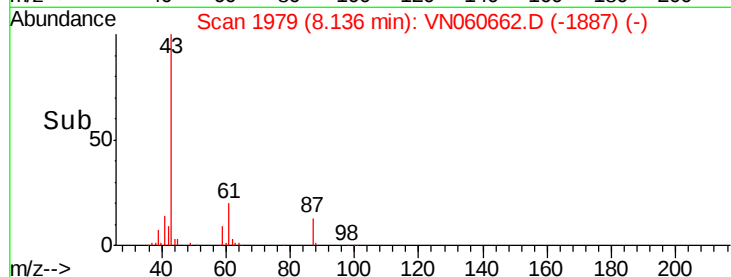
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 51.583 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060662.D

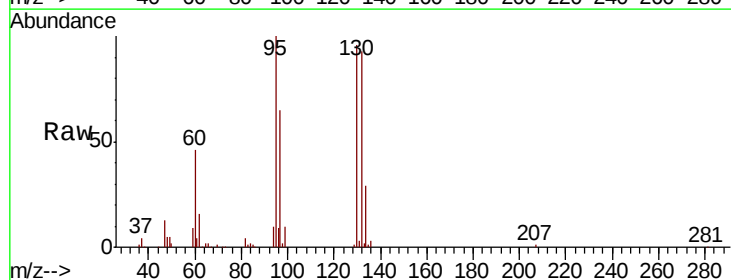
Acq: 24 Mar 2020 10:43

Tgt Ion: 130 Resp: 133222

Ion Ratio Lower Upper

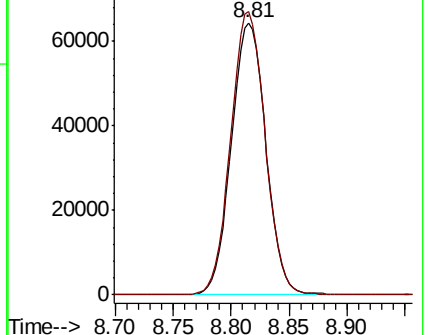
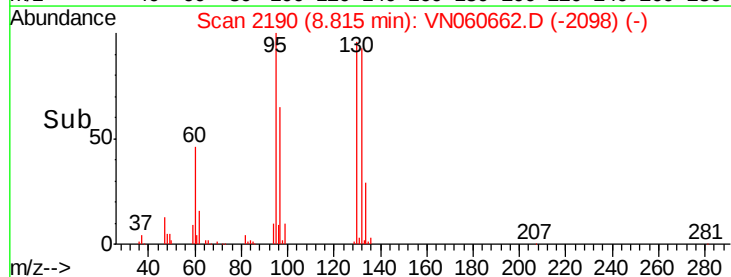
130 100

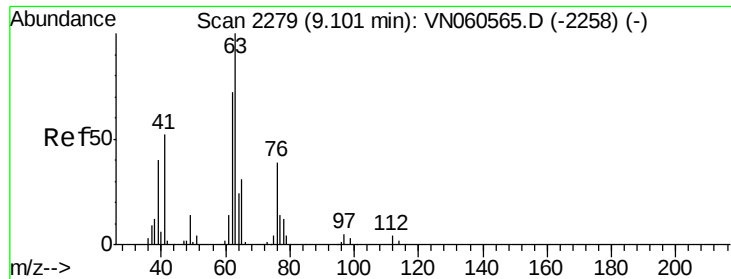
95 103.9 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 51.342 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

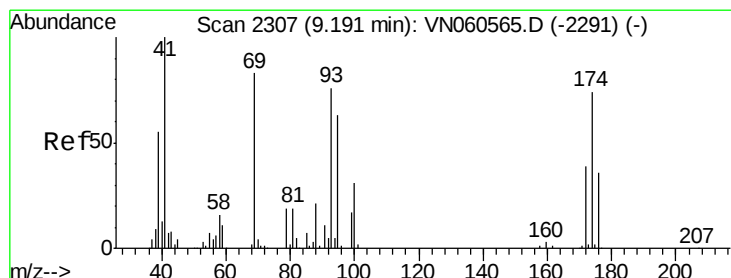
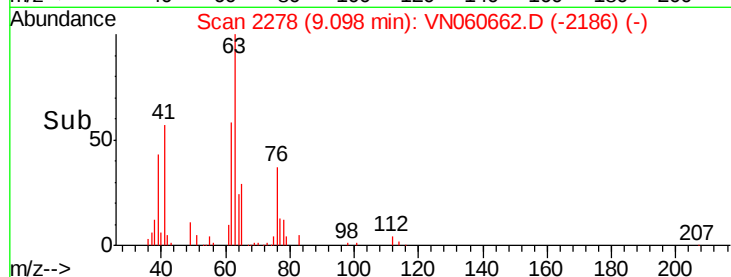
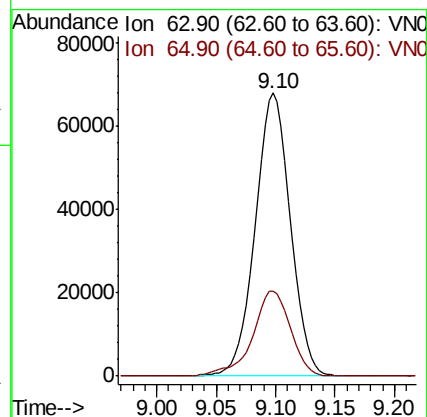
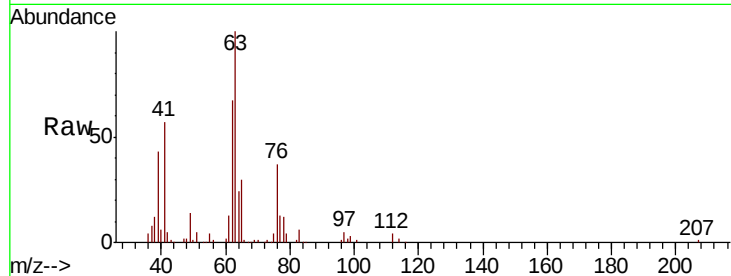
ClientSampleId :

Tot Ion: 63 Resp: 138797

Ion Ratio Lower Upper

63 100

65 30.2 25.4 38.0



#46

Dibromomethane

Concen: 50.591 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

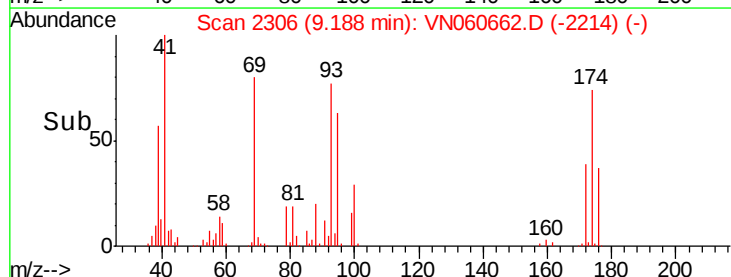
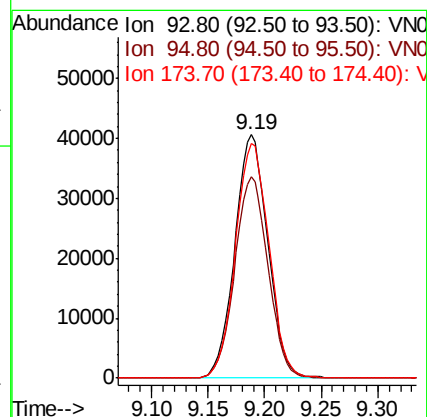
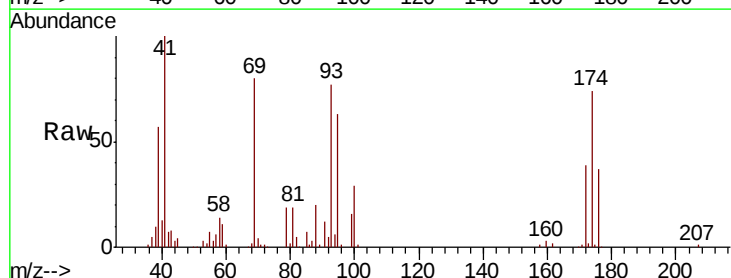
Tgt Ion: 93 Resp: 82684

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 97.7 77.9 116.9





#47

Bromodichloromethane

Concen: 50.361 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

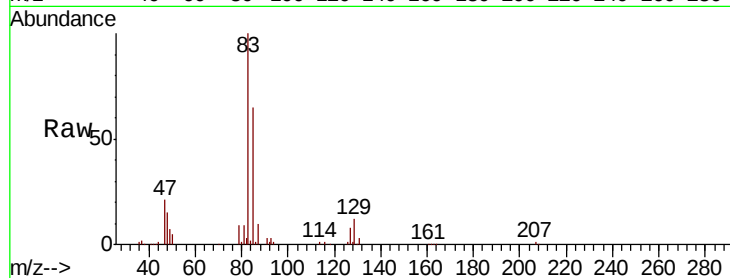
Tot Ion: 83 Resp: 171036

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

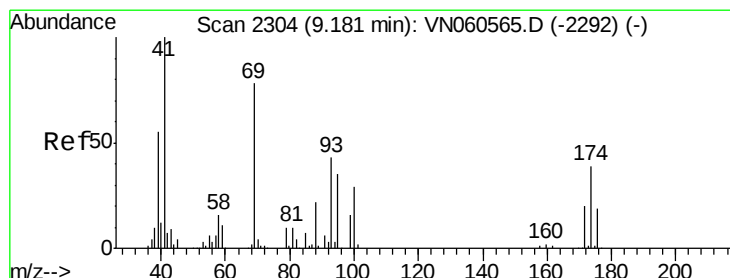
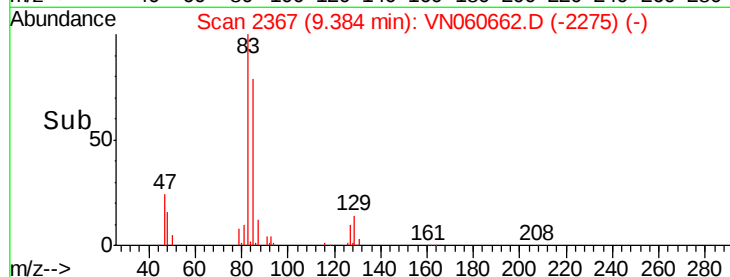
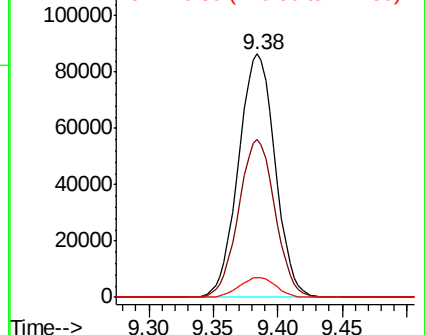
127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060565.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN060565.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN060565.D (-2352) (-)



#48

Methyl methacrylate

Concen: 48.348 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

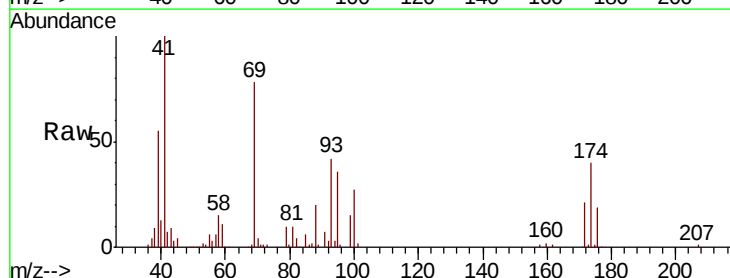
Tgt Ion: 41 Resp: 130184

Ion Ratio Lower Upper

41 100

69 81.5 65.4 98.0

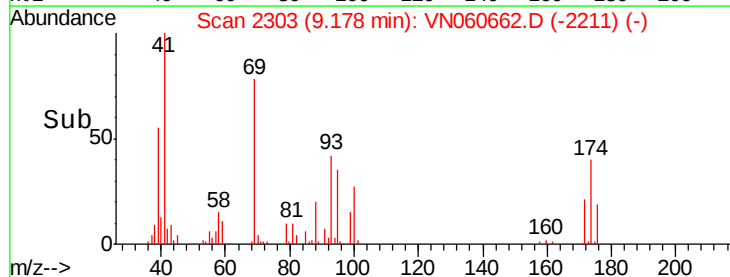
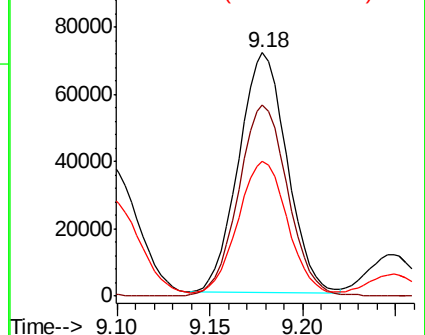
39 55.4 44.0 66.0

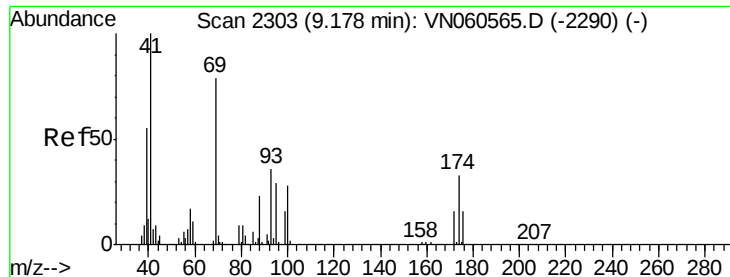


Abundance Ion 41.00 (40.70 to 41.70): VN060565.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN060565.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN060565.D (-2292) (-)

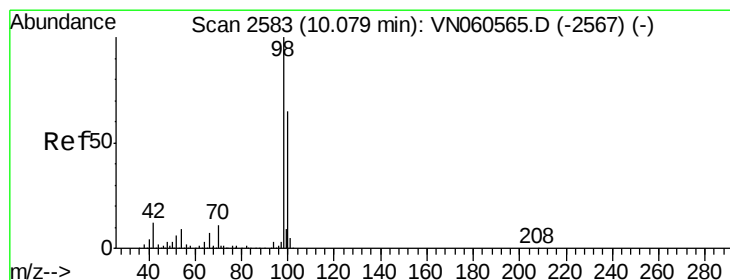
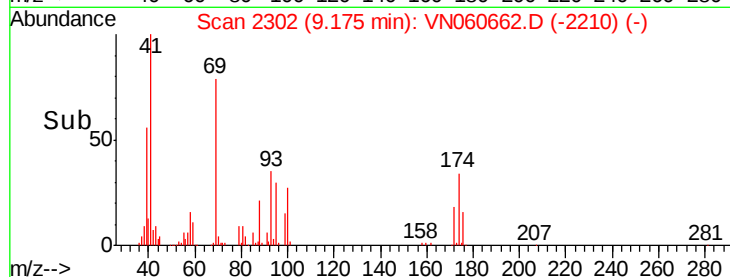
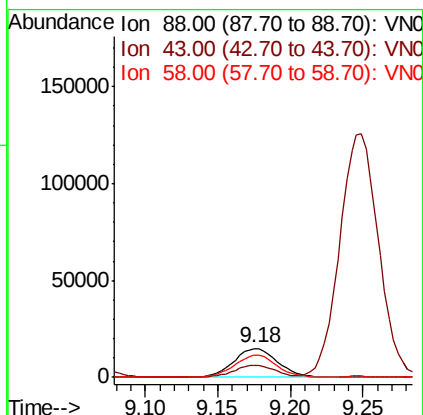
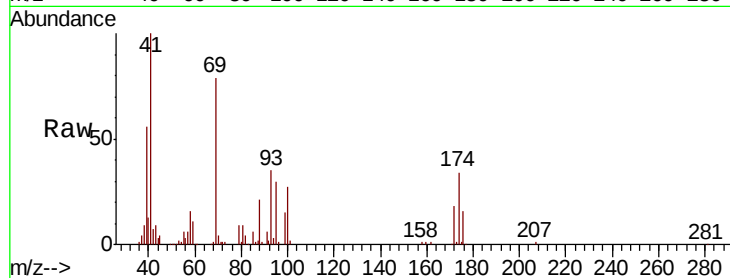




#49
1,4-Dioxane
Concen: 973.840 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

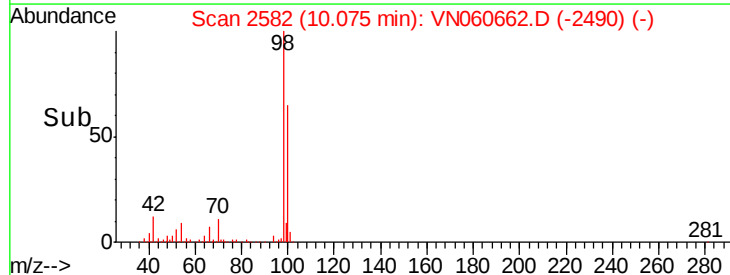
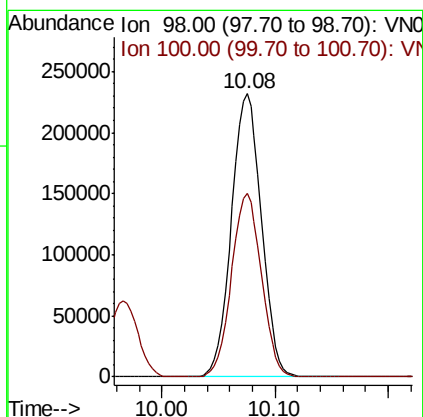
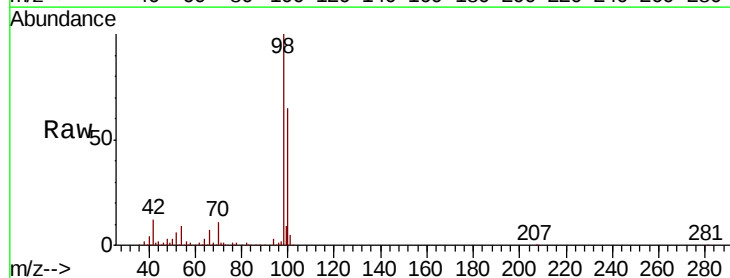
Instrument :
MSVOA_N
ClientSampleId :

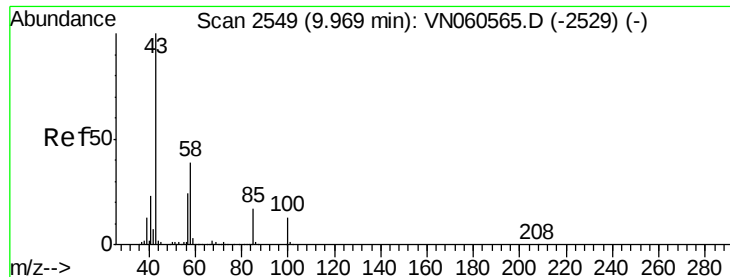
Tot Ion: 88 Resp: 31168
Ion Ratio Lower Upper
88 100
43 39.4 30.8 46.2
58 74.0 59.8 89.8



#50
Toluene-d8
Concen: 49.407 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 98 Resp: 427697
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 243.372 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

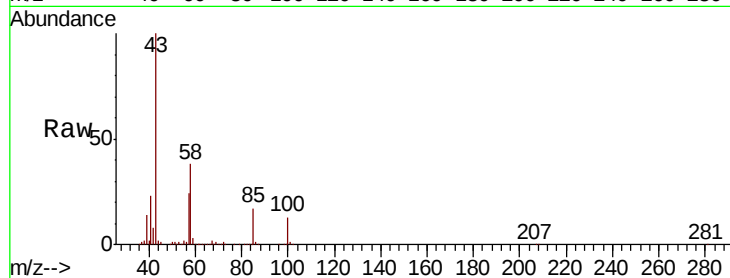
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 837555

Ion Ratio Lower Upper

43 100

58 38.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

500000

400000

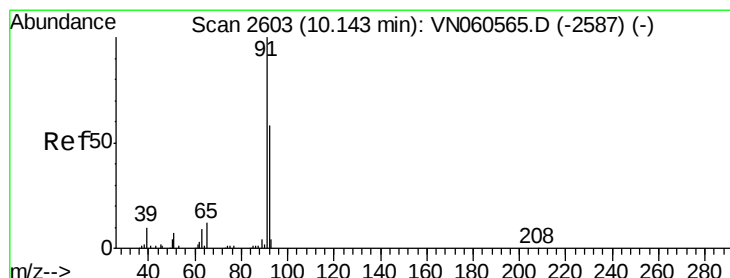
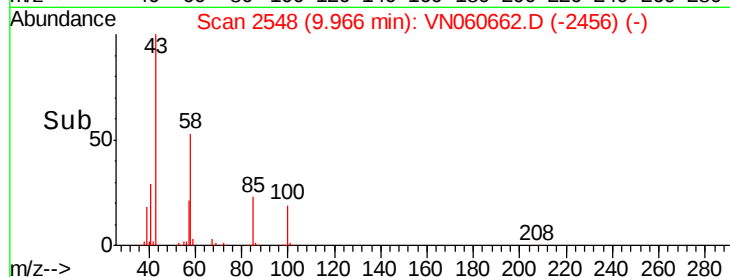
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.504 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060662.D

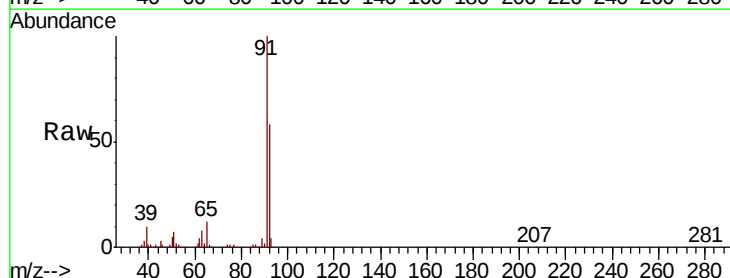
Acq: 24 Mar 2020 10:43

Tgt Ion: 92 Resp: 312485

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

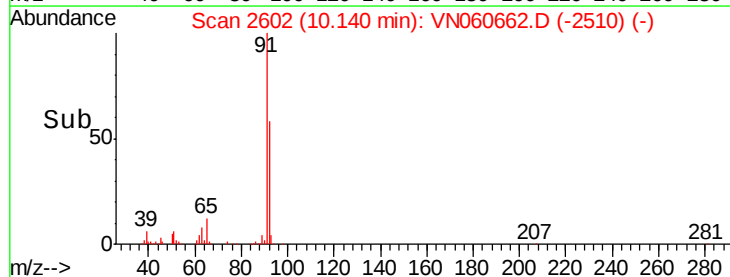
300000

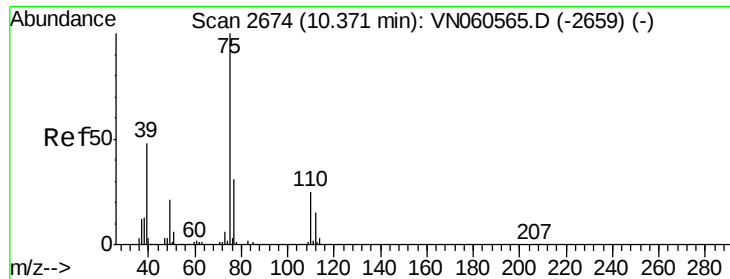
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.000 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

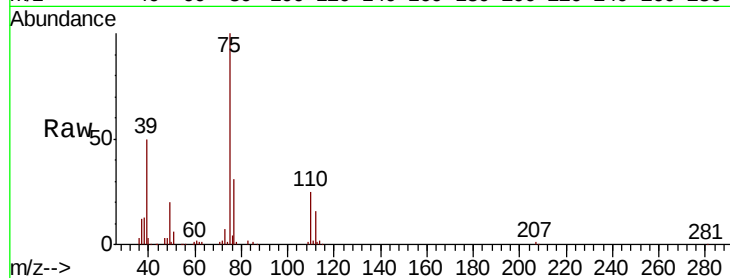
ClientSampled :

Tot Ion: 75 Resp: 202857

Ion Ratio Lower Upper

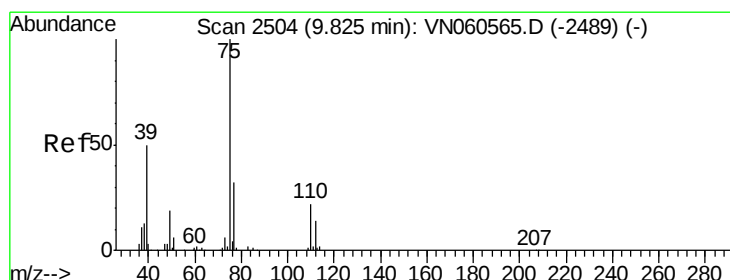
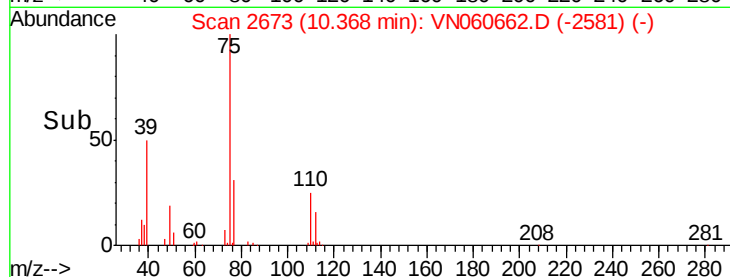
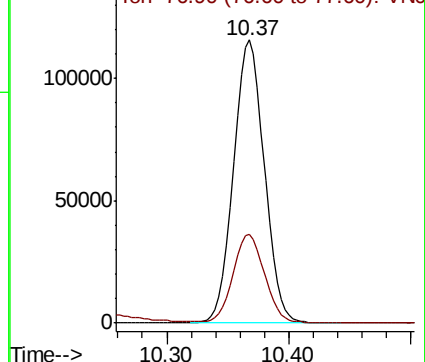
75 100

77 31.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.844 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

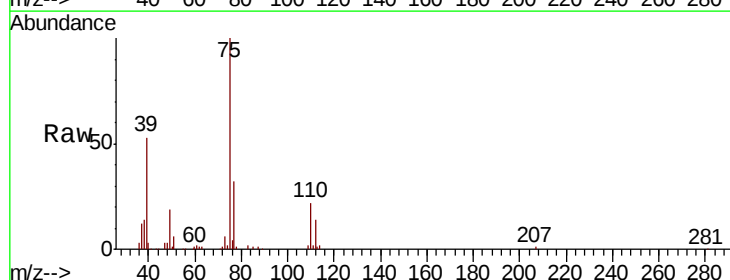
Tgt Ion: 75 Resp: 217600

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

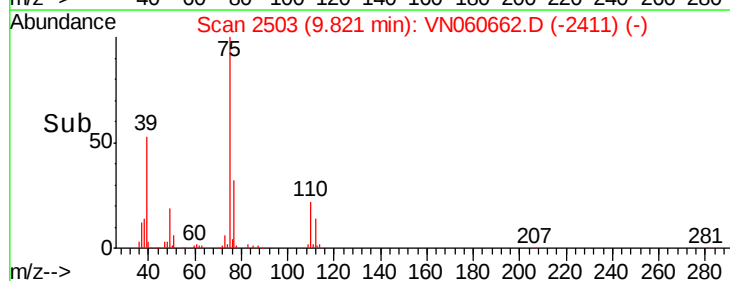
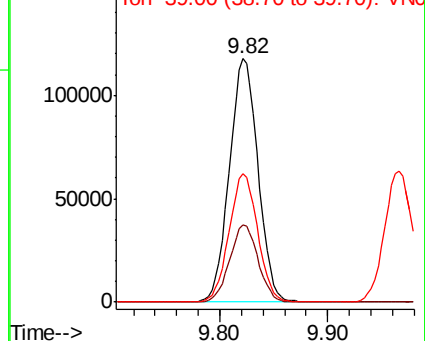
39 52.9 40.2 60.4

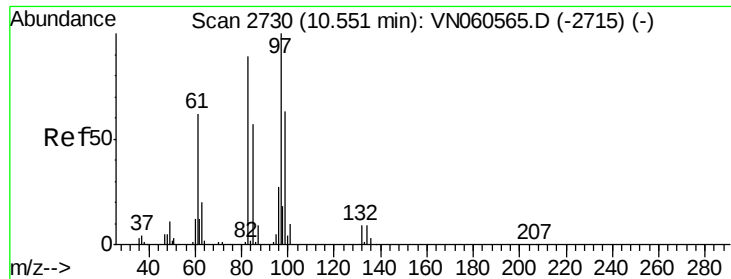


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.553 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 117955

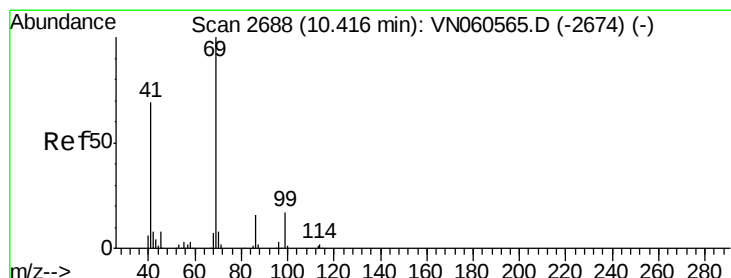
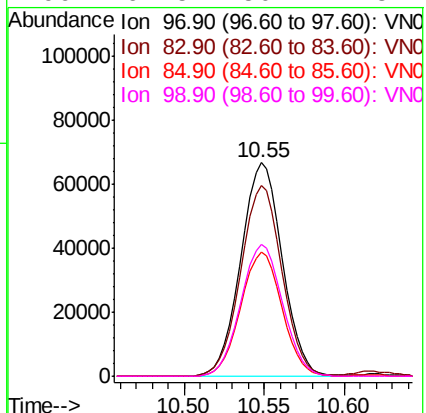
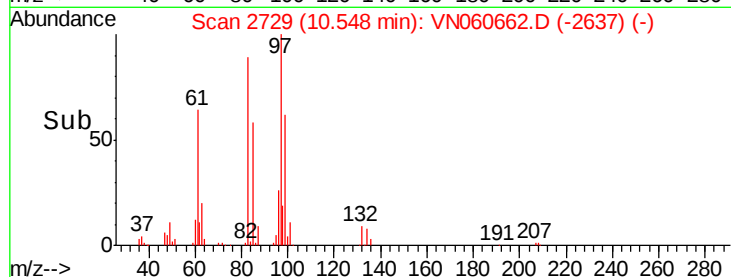
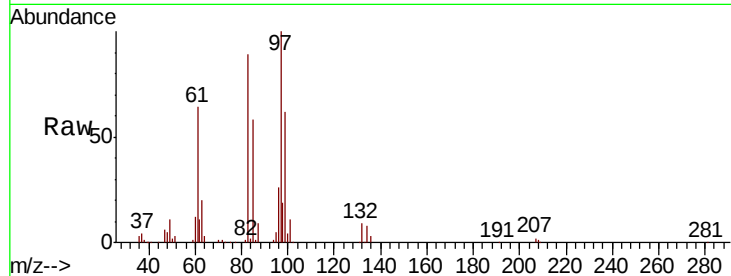
Ion Ratio Lower Upper

97 100

83 89.5 71.3 106.9

85 57.9 45.2 67.8

99 61.5 50.1 75.1



#56

Ethyl methacrylate

Concen: 50.015 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

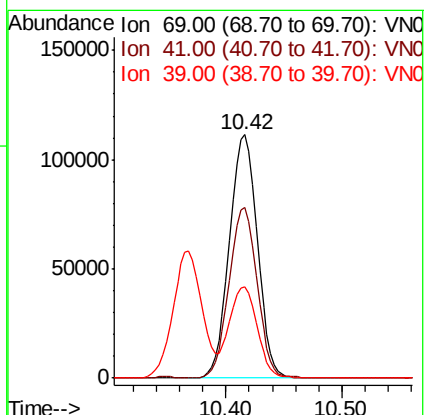
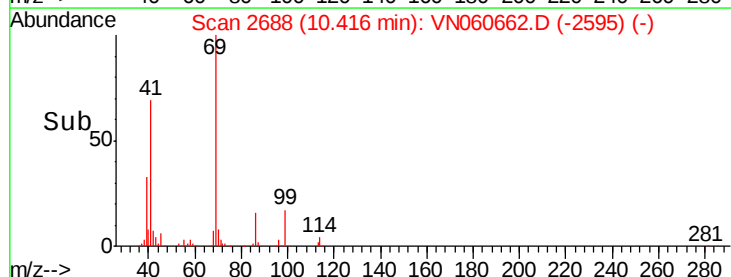
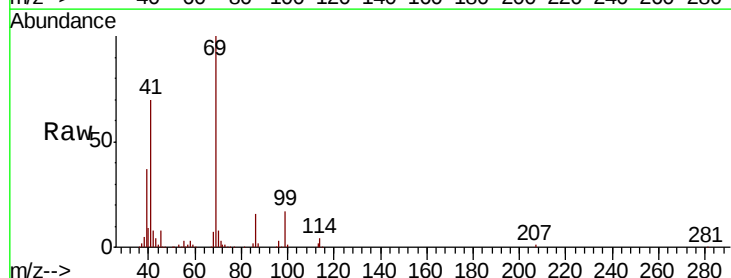
Tgt Ion: 69 Resp: 185635

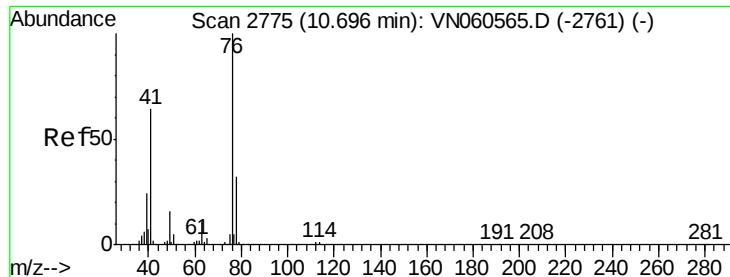
Ion Ratio Lower Upper

69 100

41 69.7 55.4 83.2

39 37.0 29.4 44.0





#57

1,3-Dichloropropane

Concen: 50.162 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

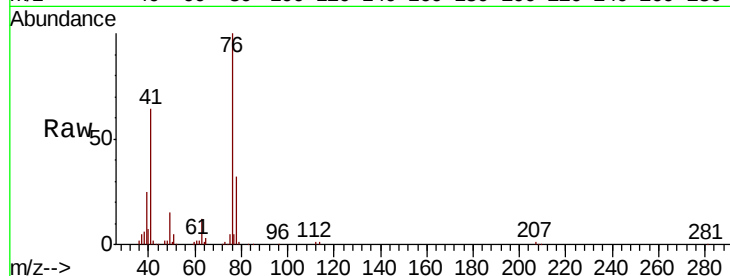
ClientSampleId :

Tot Ion: 76 Resp: 207203

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060662.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN060662.D (-2761) (-)

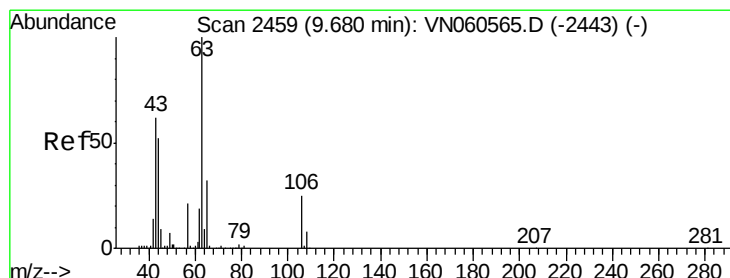
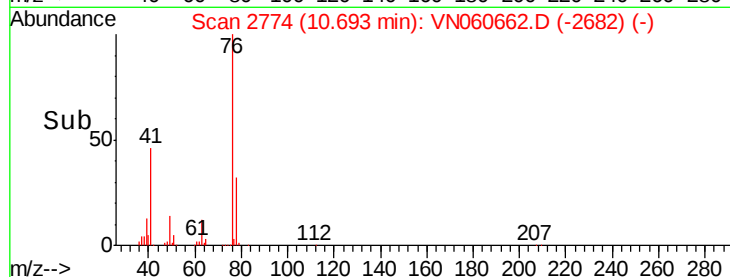
10.69

100000

50000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 226.177 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060662.D

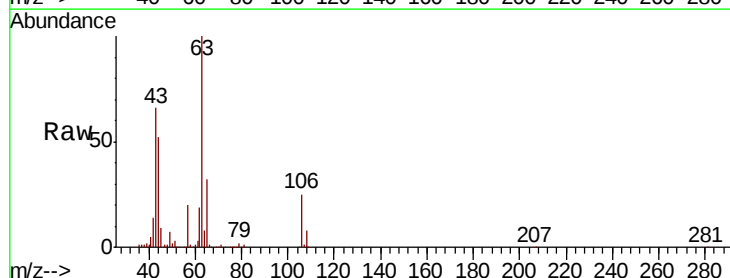
Acq: 24 Mar 2020 10:43

Tgt Ion: 63 Resp: 417226

Ion Ratio Lower Upper

63 100

106 25.1 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060662.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060662.D (-2366) (-)

9.68

250000

200000

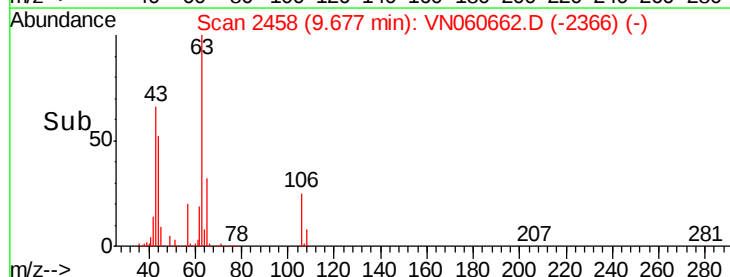
150000

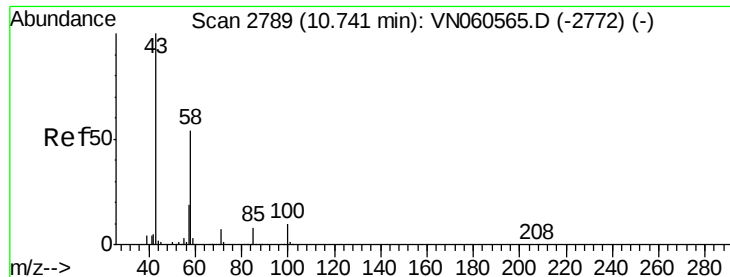
100000

50000

0

Time--> 9.60 9.70 9.80

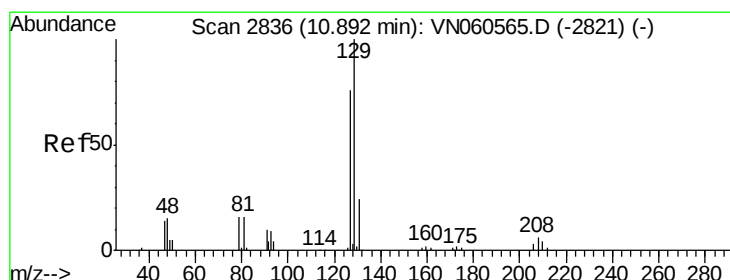
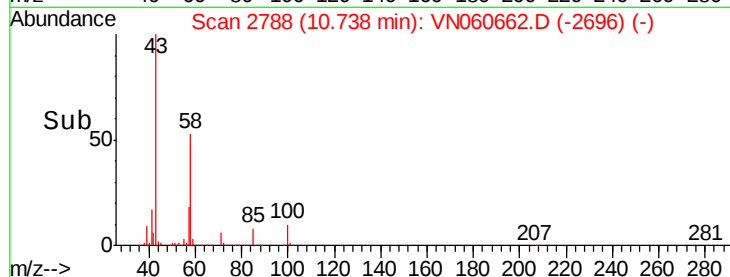
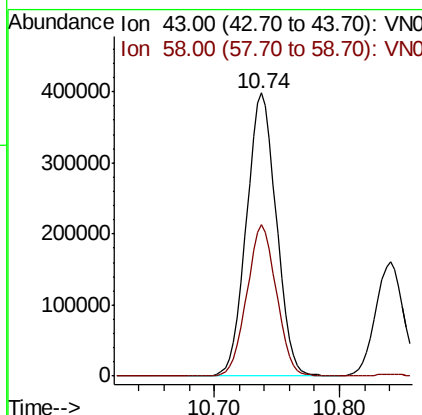
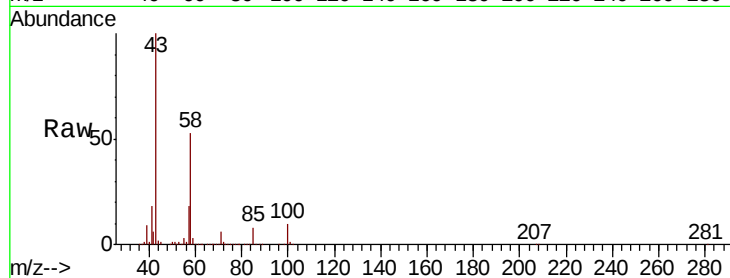




#59
2-Hexanone
Concen: 266.402 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

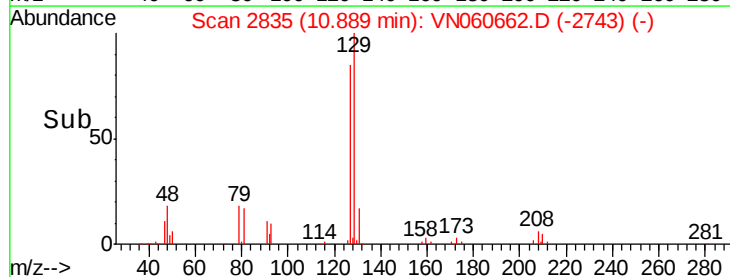
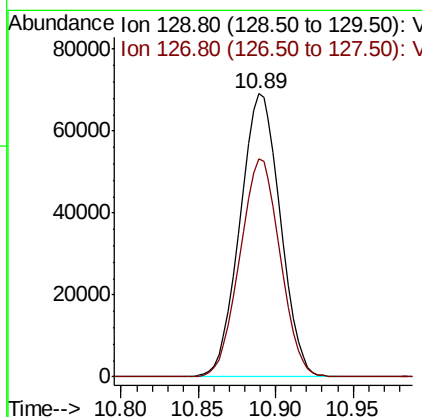
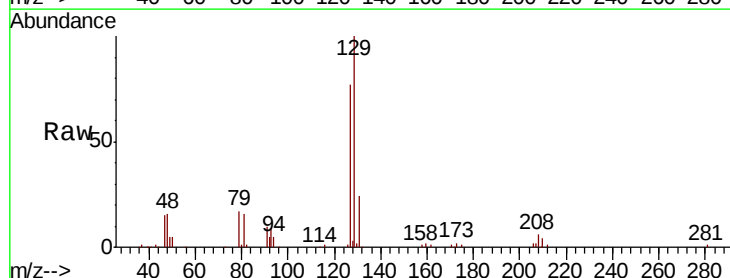
Instrument :
MSVOA_N
ClientSampled :

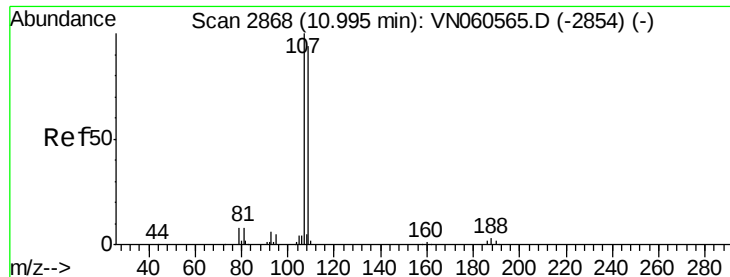
Tot Ion: 43 Resp: 660428
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1



#60
Dibromochloromethane
Concen: 51.041 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 129 Resp: 125499
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

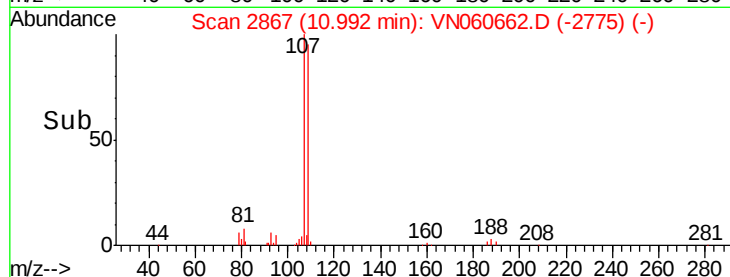
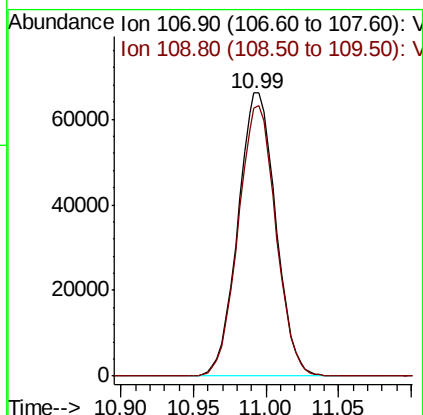
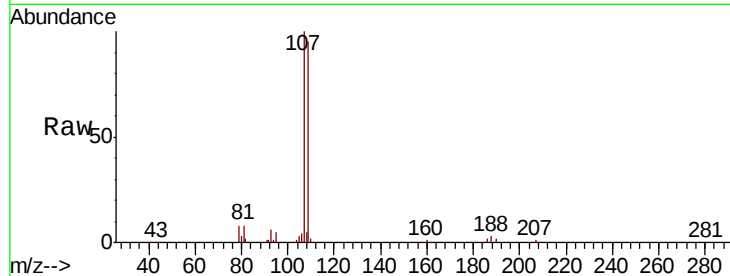




#61
 1,2-Dibromoethane
 Concen: 50.082 ug/l
 RT: 10.99 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

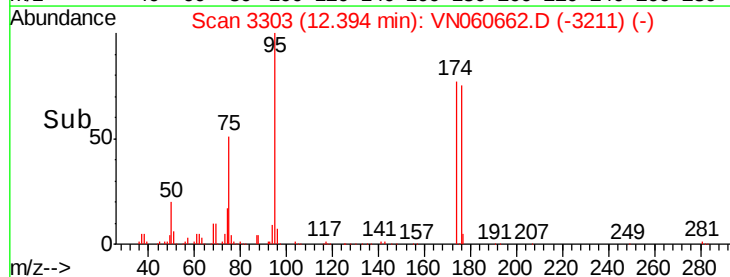
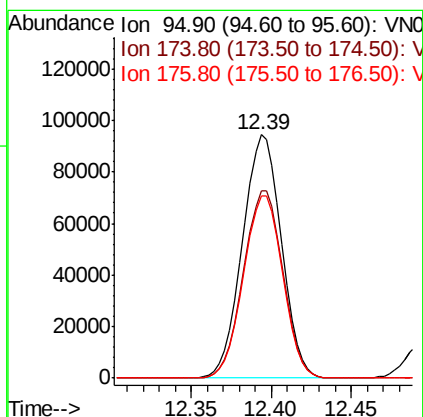
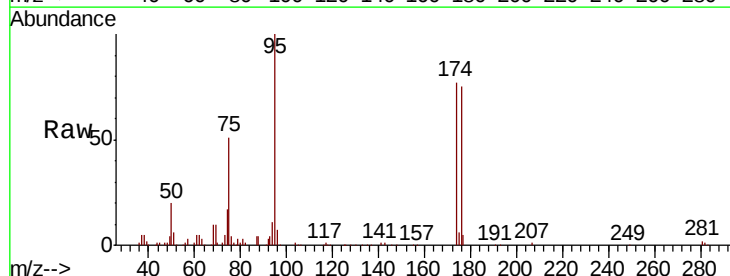
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 107 Resp: 119875
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.464 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Tgt Ion: 95 Resp: 156926
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 157.6
 176 75.6 0.0 150.6

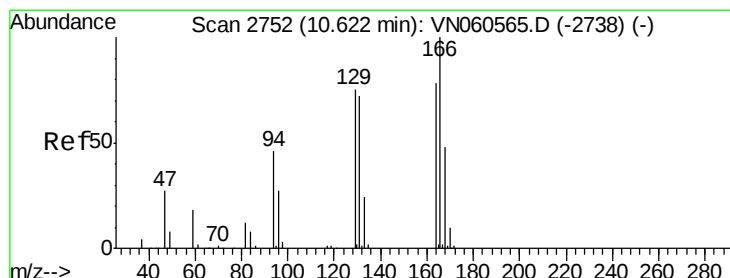
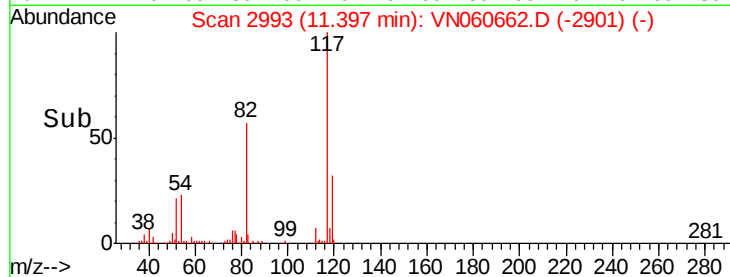
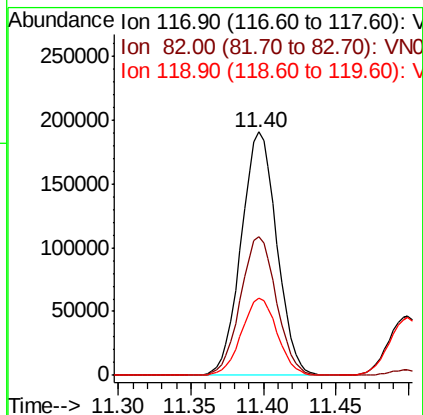
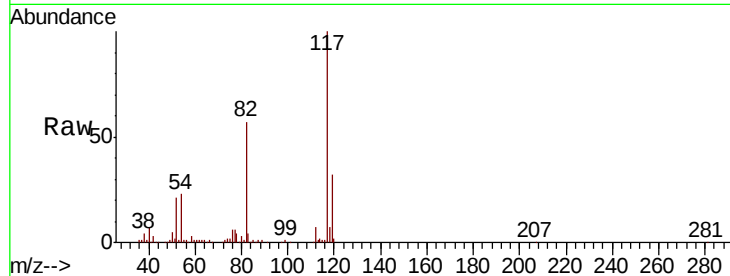




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

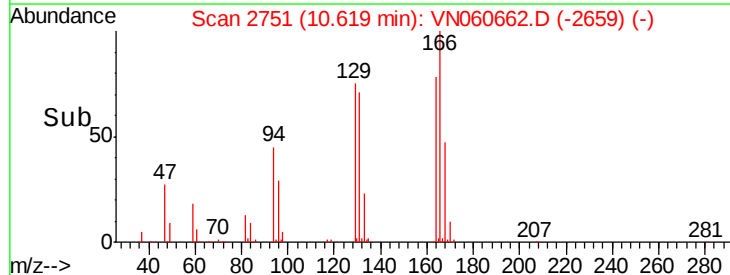
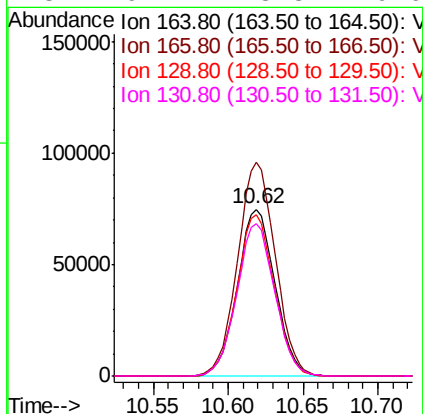
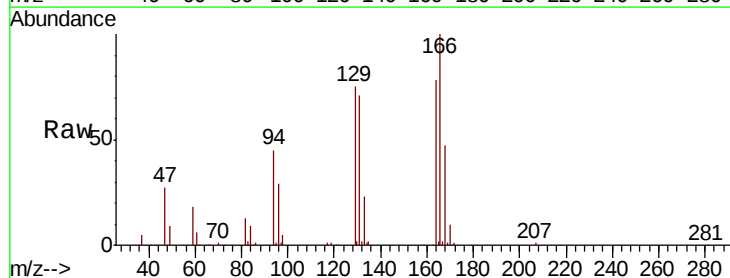
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 325884
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 51.178 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion:164 Resp: 131242
Ion Ratio Lower Upper
164 100
166 127.9 102.7 154.1
129 96.5 77.2 115.8
131 91.4 73.8 110.6





#65

Chlorobenzene

Concen: 49.923 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

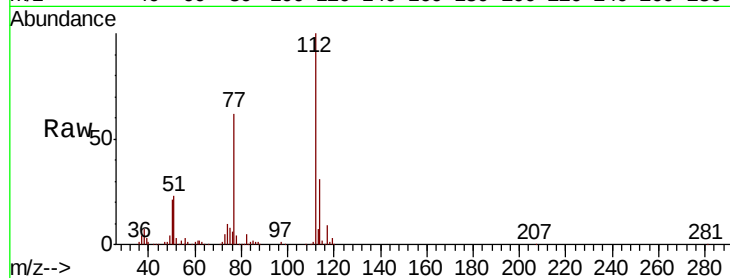
ClientSampleId :

Tot Ion:112 Resp: 322520

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.42

200000

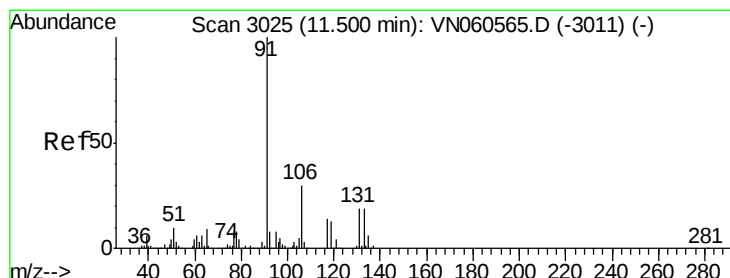
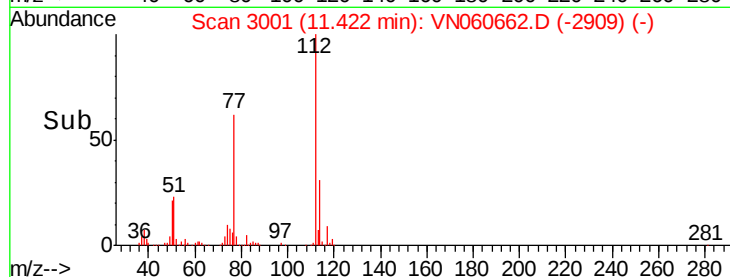
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.145 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

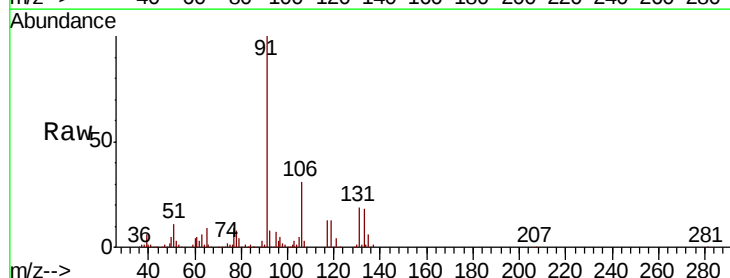
Tgt Ion:131 Resp: 117292

Ion Ratio Lower Upper

131 100

133 95.0 48.9 146.8

119 66.1 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

80000

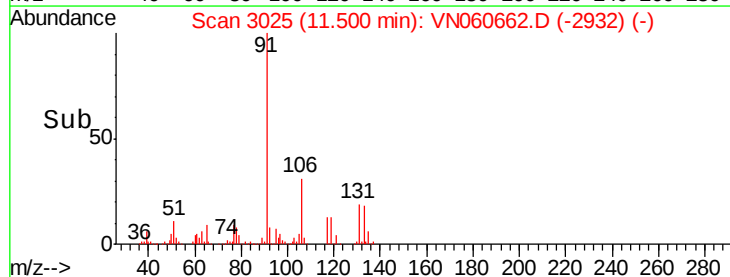
60000

40000

20000

0

Time-->

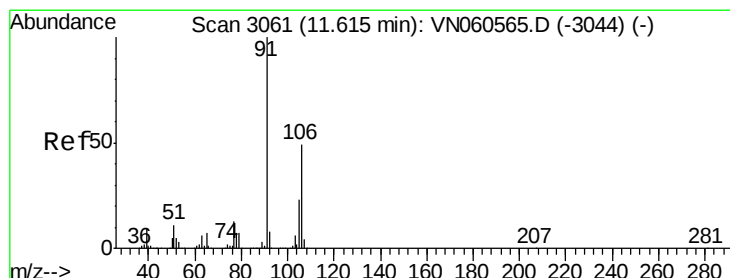
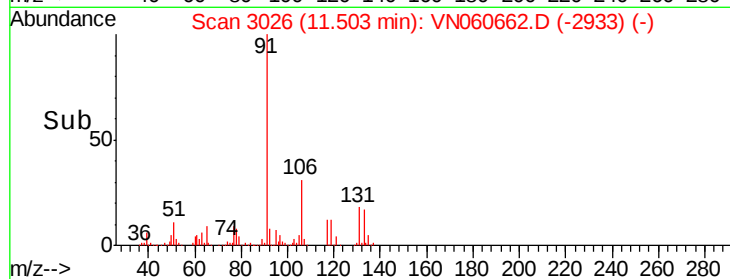
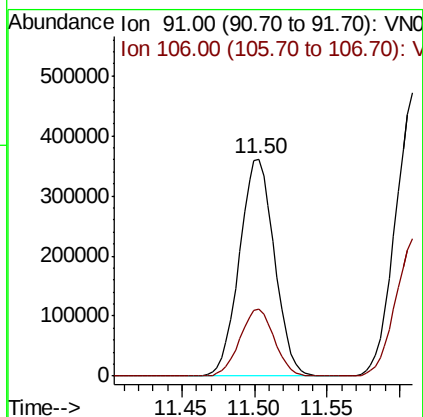
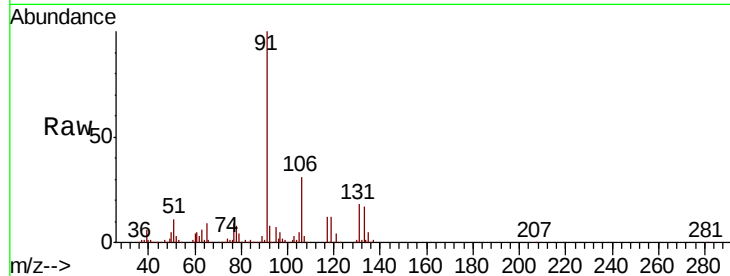




#67
Ethyl Benzene
Concen: 50.459 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

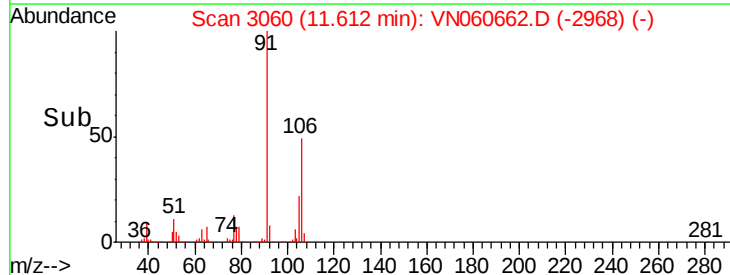
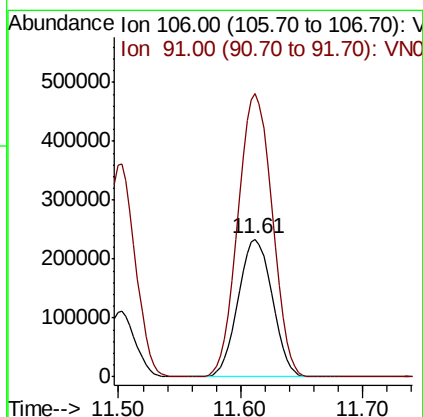
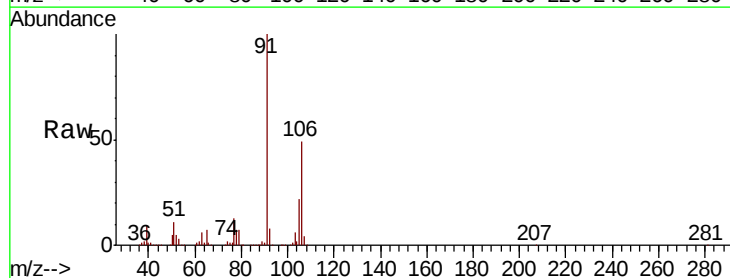
Instrument :
MSVOA_N
ClientSampled :

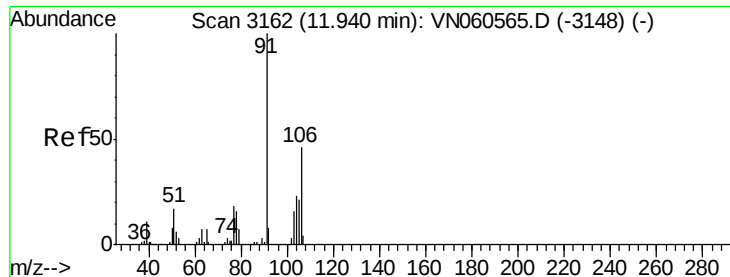
Tot Ion: 91 Resp: 606219
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2



#68
m/p-Xylenes
Concen: 101.423 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion: 106 Resp: 452796
Ion Ratio Lower Upper
106 100
91 206.4 165.0 247.4

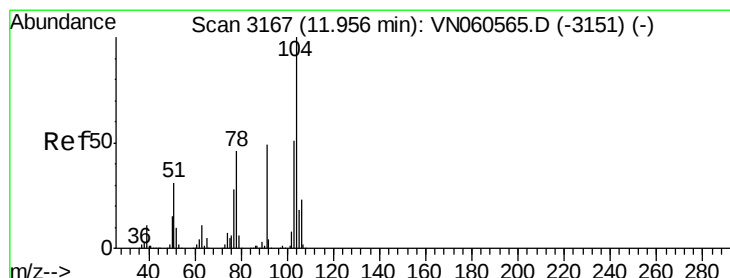
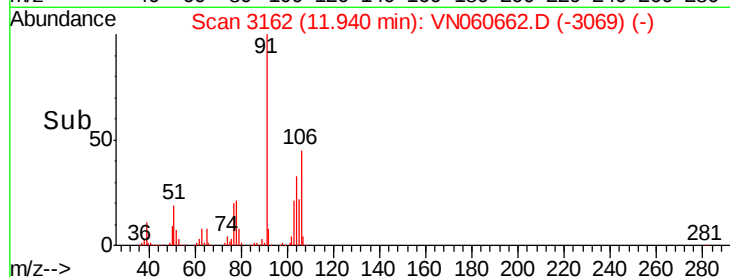
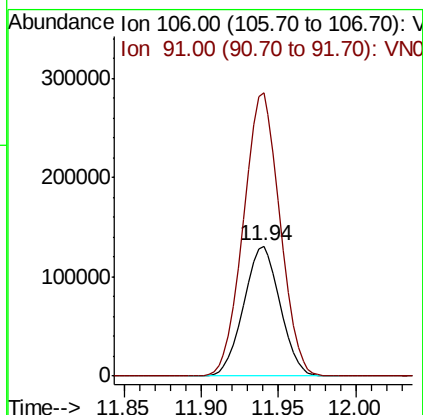
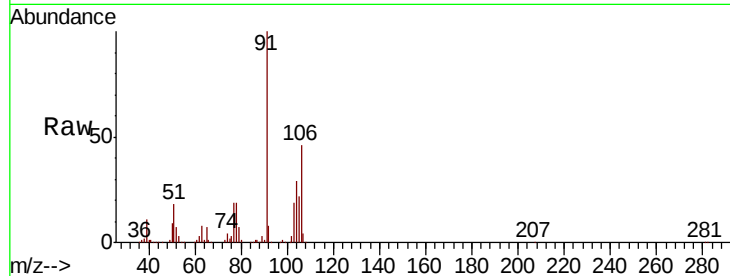




#69
o-Xylene
Concen: 50.509 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

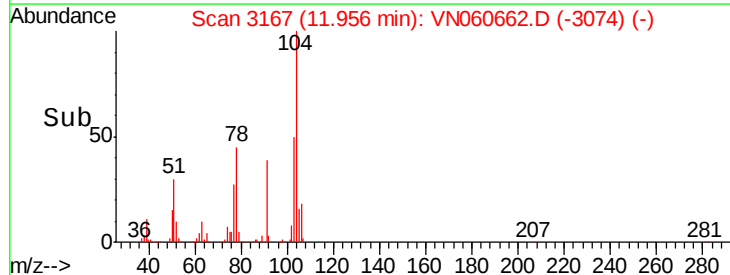
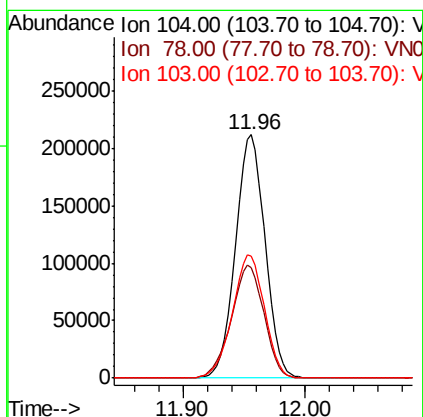
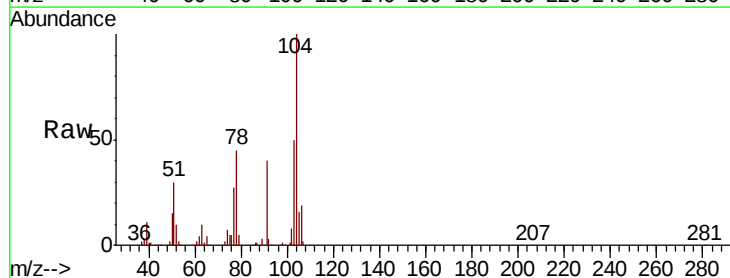
Instrument :
MSVOA_N
ClientSampled :

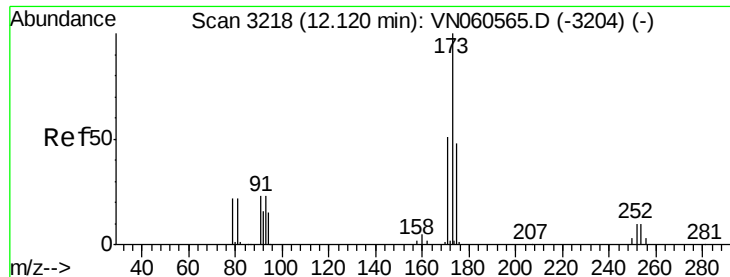
Tot Ion:106 Resp: 215262
Ion Ratio Lower Upper
106 100
91 218.3 109.5 328.4



#70
Styrene
Concen: 50.989 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion:104 Resp: 355406
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 55.2 44.0 66.0





#71

Bromoform

Concen: 45.897 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

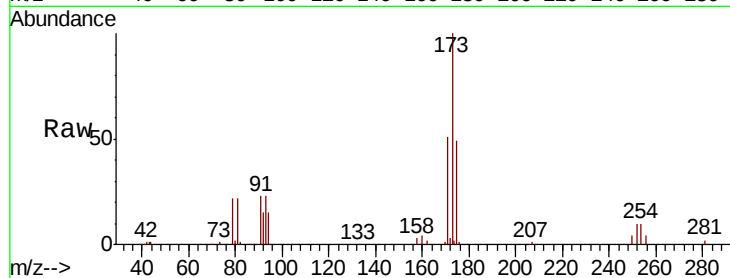
Tot Ion:173 Resp: 88949

Ion Ratio Lower Upper

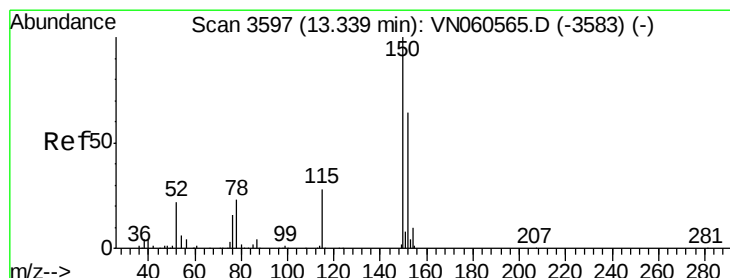
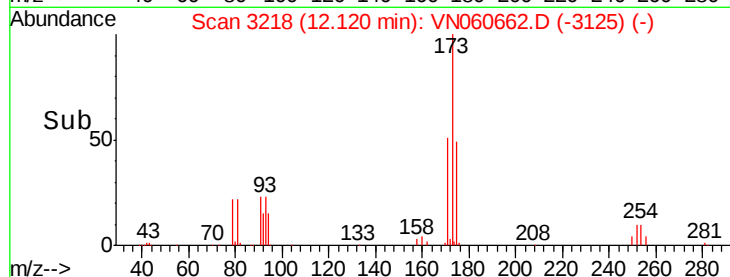
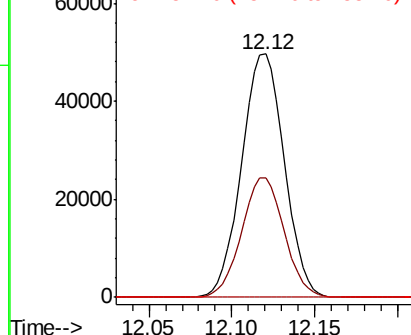
173 100

175 48.9 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# 3596

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

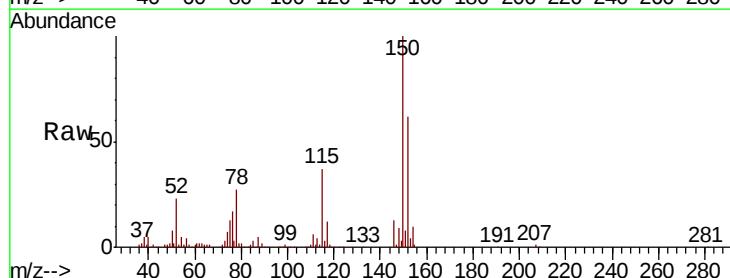
Tgt Ion:152 Resp: 156049

Ion Ratio Lower Upper

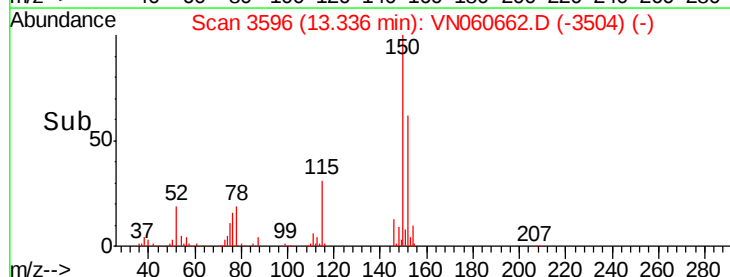
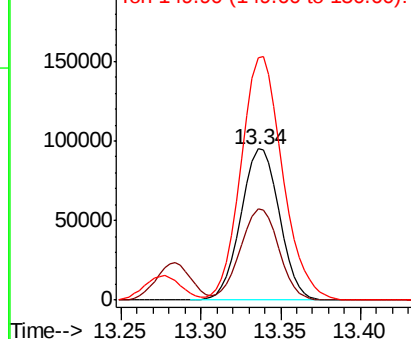
152 100

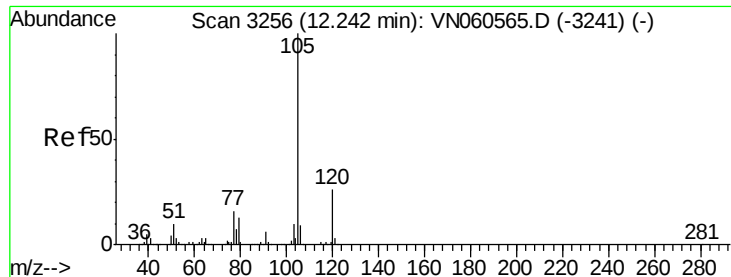
115 60.3 30.2 90.6

150 174.3 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: 49.120 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

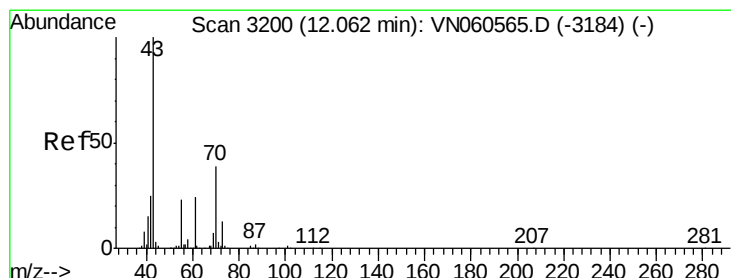
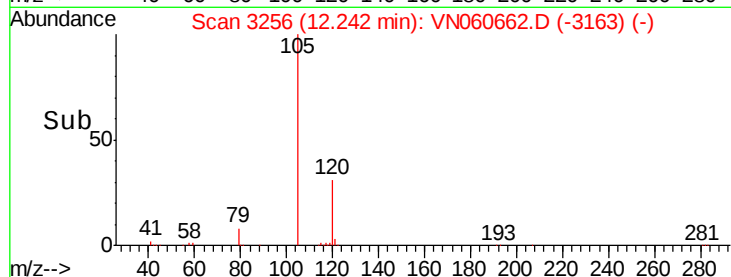
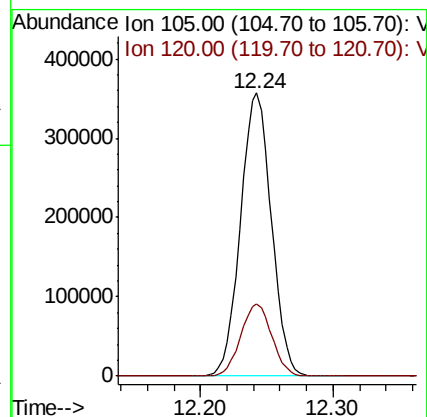
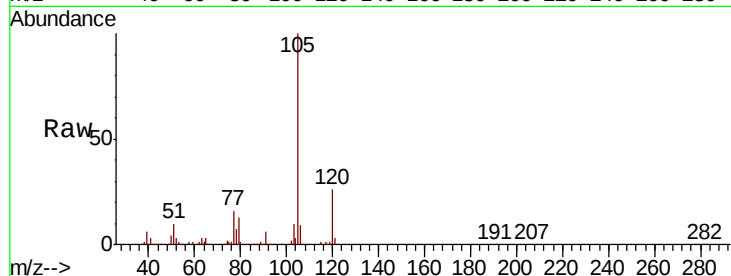
ClientSampleId :

Tot Ion: 105 Resp: 575241

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 47.367 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Tgt Ion: 43 Resp: 256325

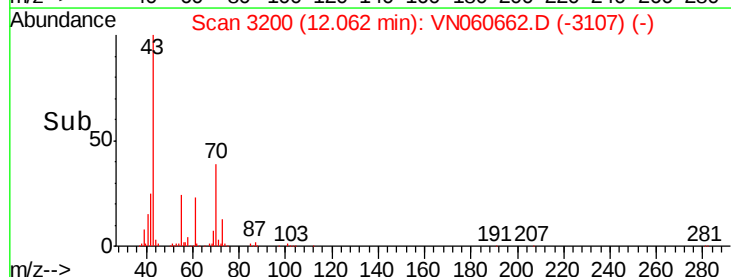
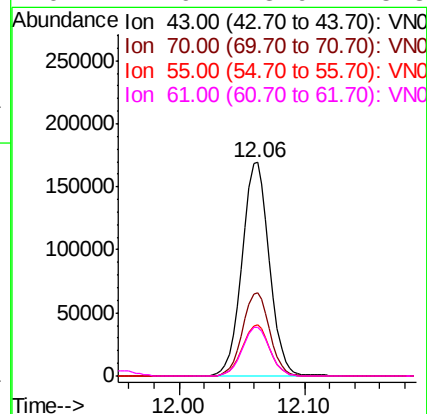
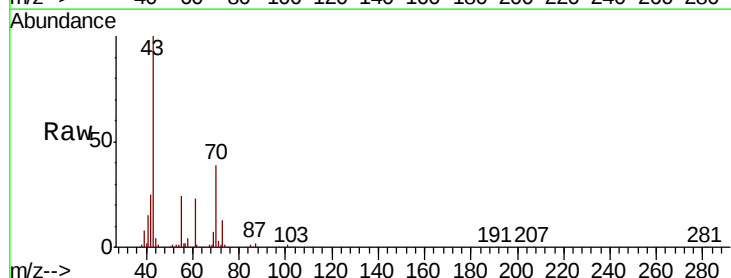
Ion Ratio Lower Upper

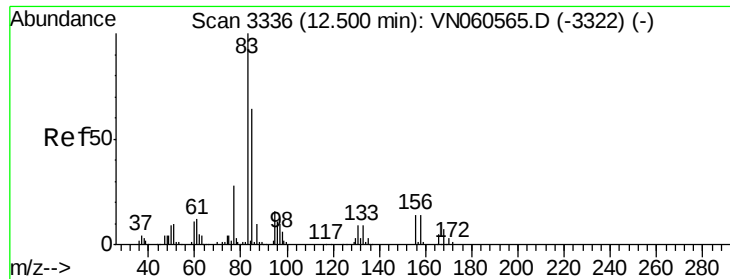
43 100

70 38.8 31.1 46.7

55 23.8 18.6 27.8

61 22.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.864 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

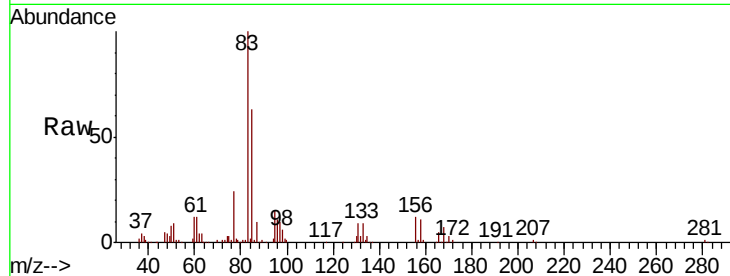
Tot Ion: 83 Resp: 165968

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

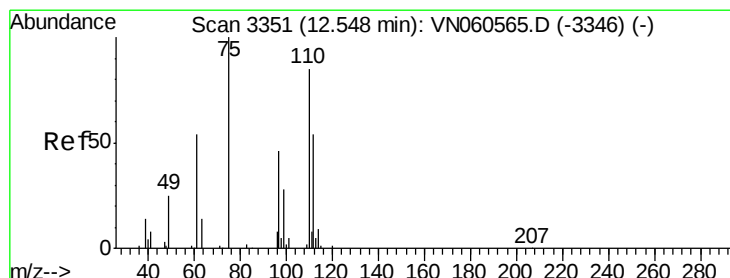
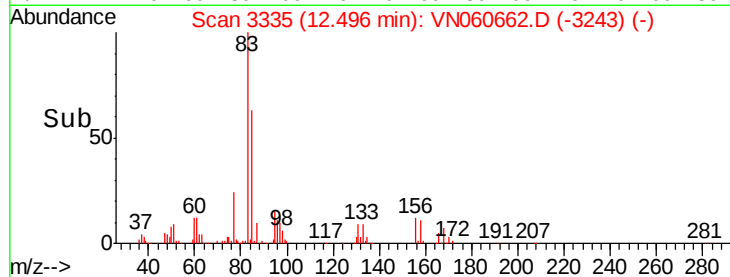
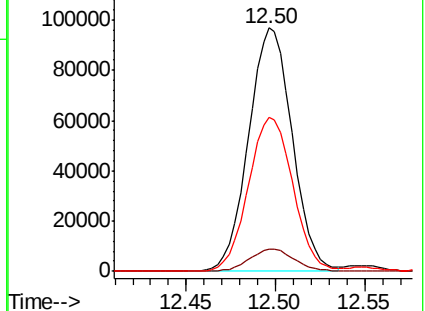
85 64.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060565.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060565.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060565.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 68.767 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060662.D

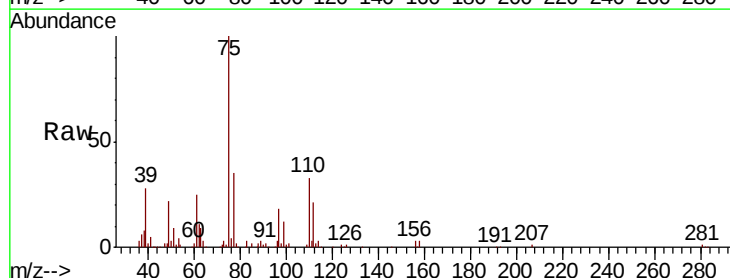
Acq: 24 Mar 2020 10:43

Tgt Ion: 75 Resp: 231555

Ion Ratio Lower Upper

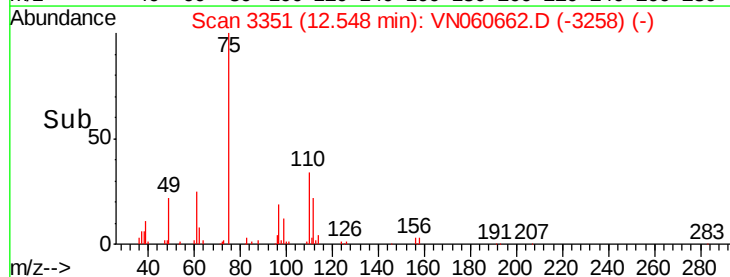
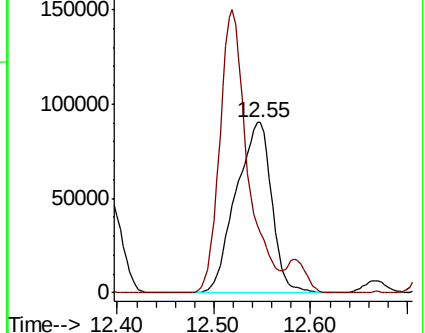
75 100

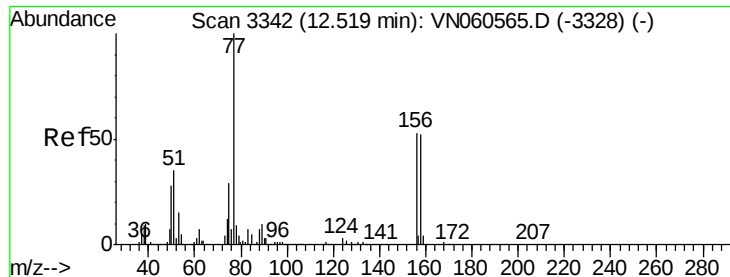
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060565.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060565.D (-3346) (-)





#77

Bromobenzene

Concen: 48.266 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

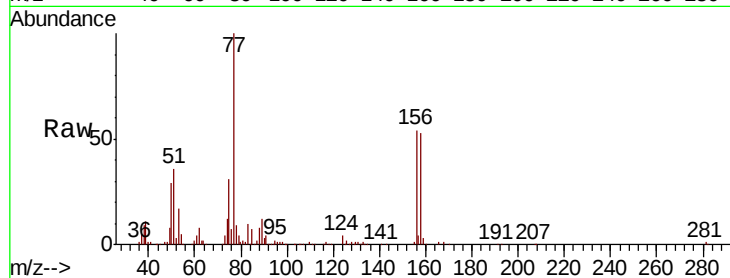
Tot Ion:156 Resp: 136202

Ion Ratio Lower Upper

156 100

77 221.6 112.3 337.0

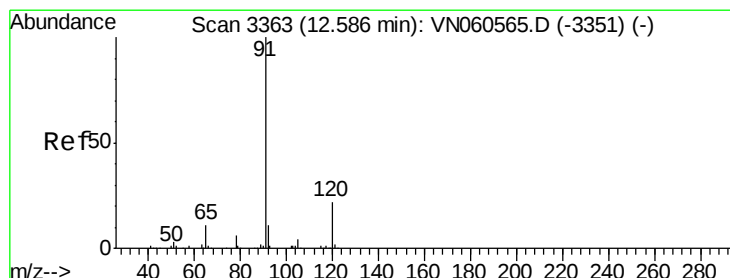
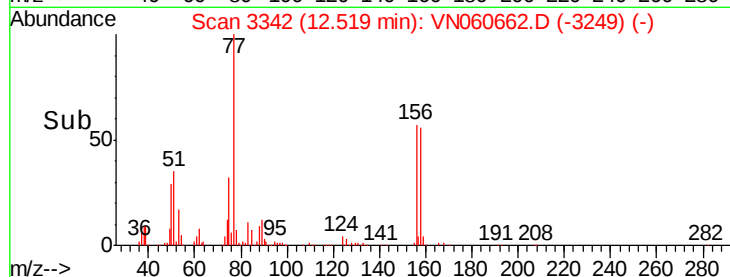
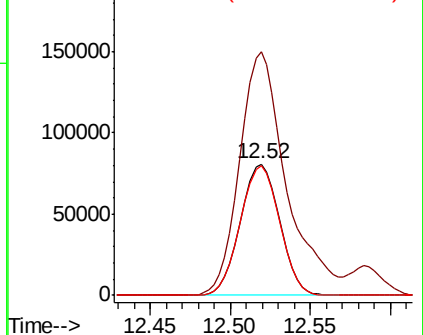
158 98.7 48.6 145.8



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: 50.164 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN060662.D

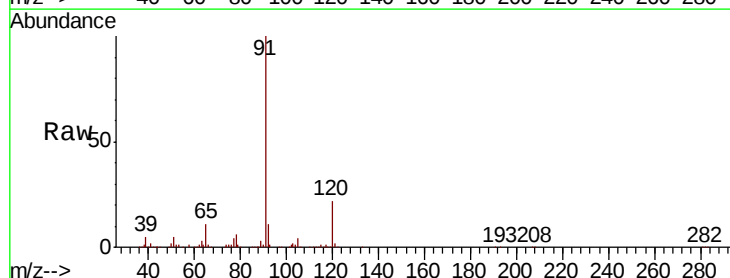
Acq: 24 Mar 2020 10:43

Tgt Ion: 91 Resp: 694056

Ion Ratio Lower Upper

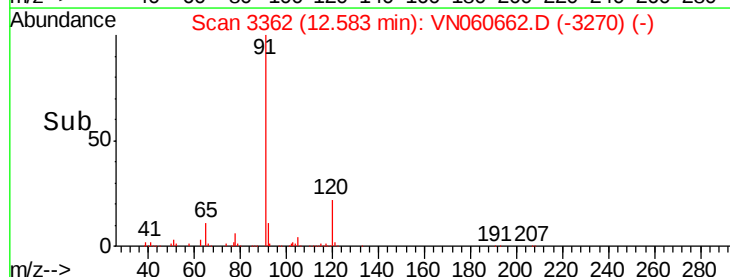
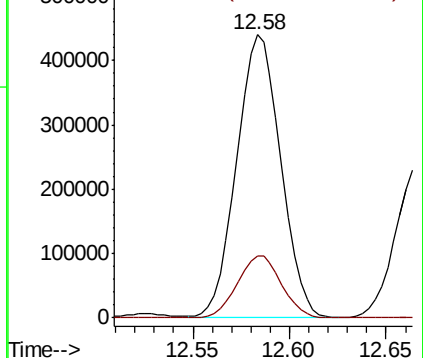
91 100

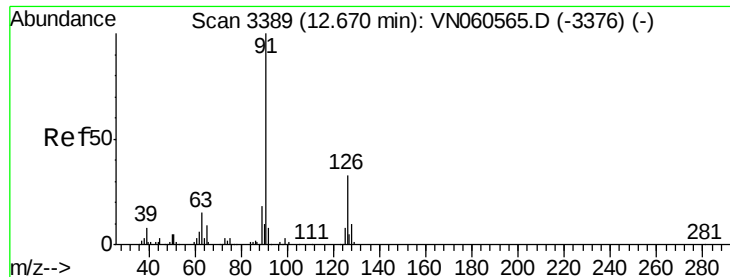
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.160 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

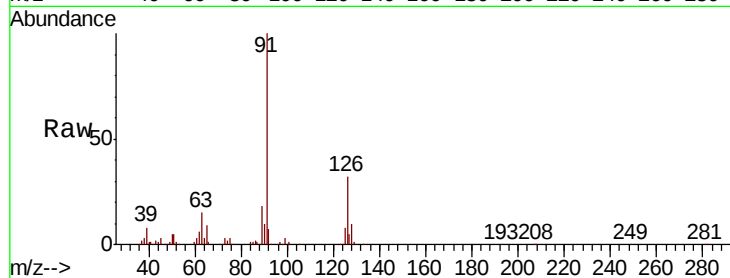
ClientSampleId :

Tot Ion: 91 Resp: 398130

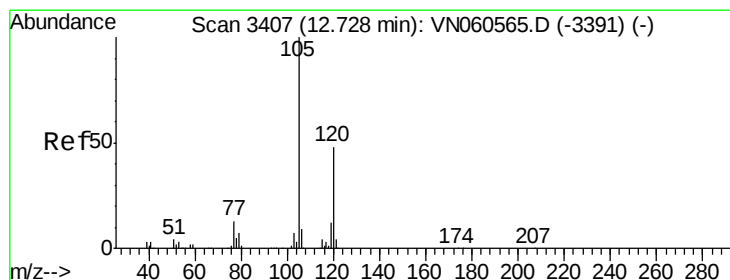
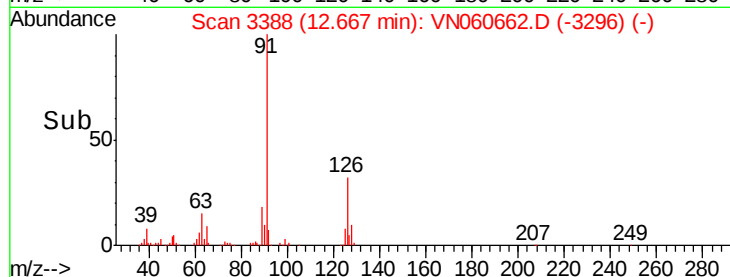
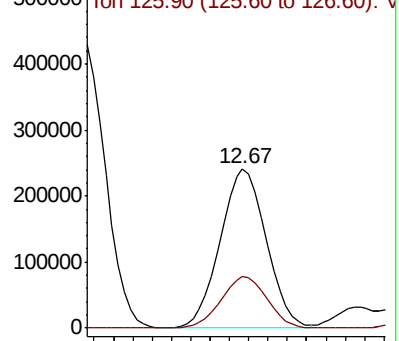
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060662.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.246 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060662.D

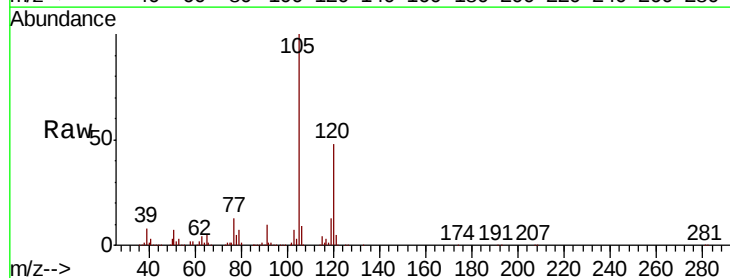
Acq: 24 Mar 2020 10:43

Tgt Ion: 105 Resp: 489415

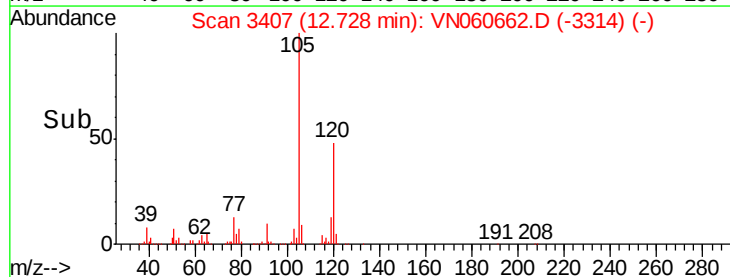
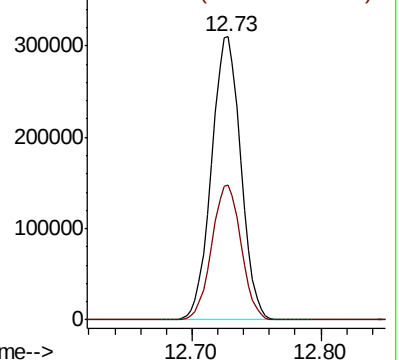
Ion Ratio Lower Upper

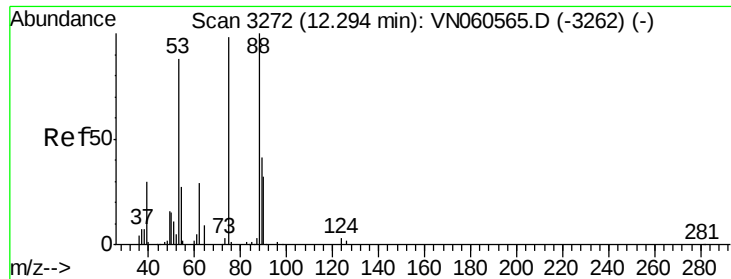
105 100

120 47.9 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060662.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.748 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

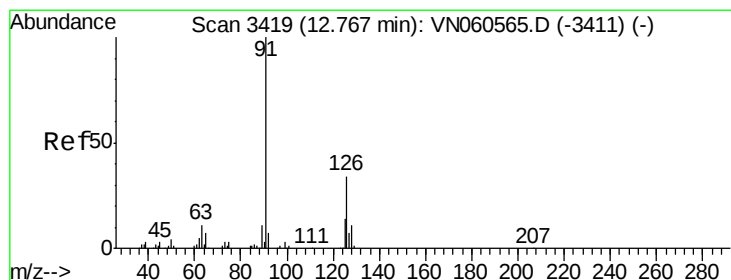
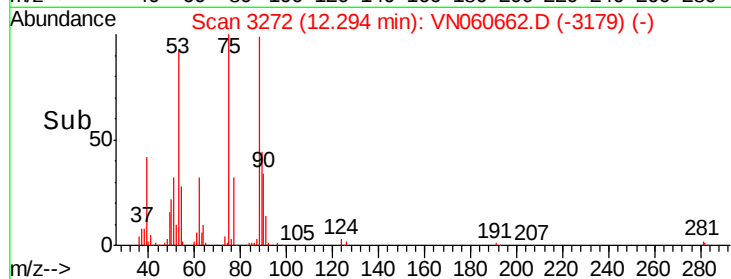
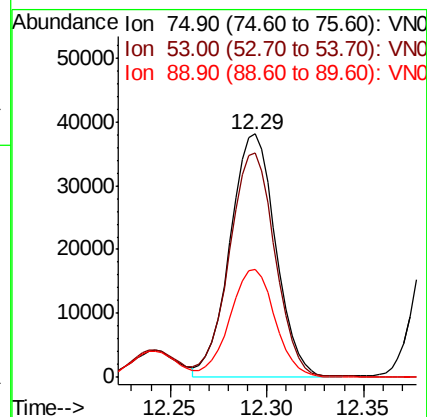
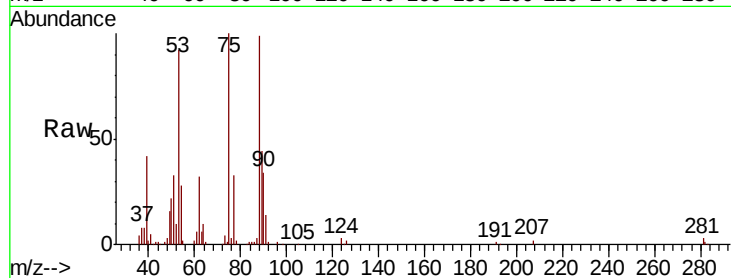
Tot Ion: 75 Resp: 62601

Ion Ratio Lower Upper

75 100

53 92.5 73.0 109.4

89 44.0 34.8 52.2



#82

4-Chlorotoluene

Concen: 49.605 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060662.D

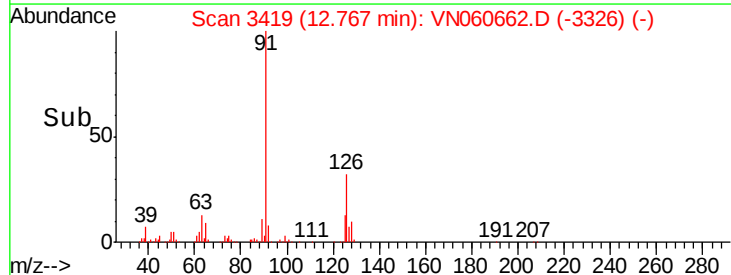
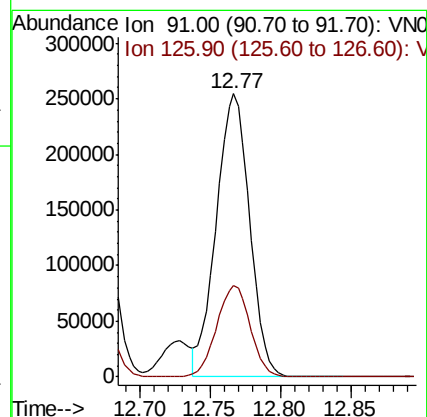
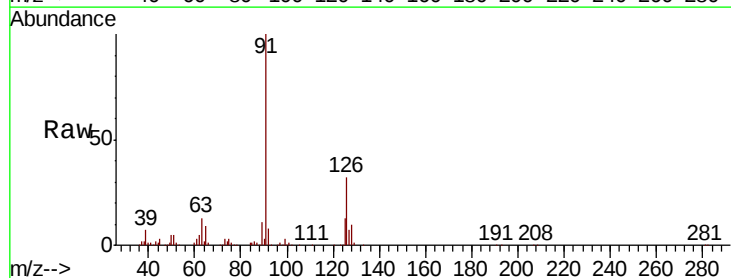
Acq: 24 Mar 2020 10:43

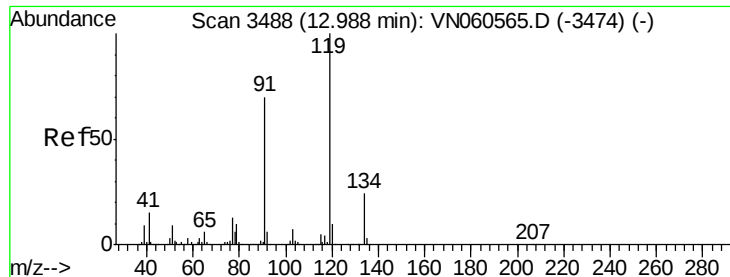
Tgt Ion: 91 Resp: 417655

Ion Ratio Lower Upper

91 100

126 32.4 16.2 48.5





#83

tert-Butylbenzene

Concen: 49.527 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

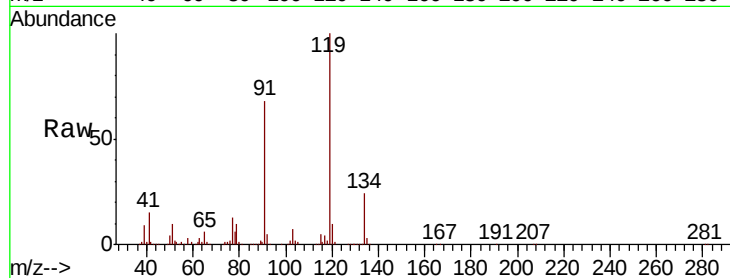
Tot Ion:119 Resp: 408026

Ion Ratio Lower Upper

119 100

91 66.6 34.0 101.8

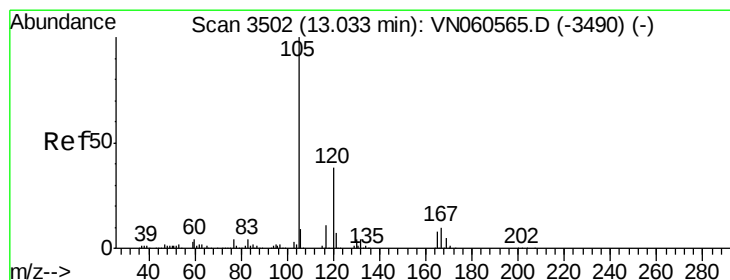
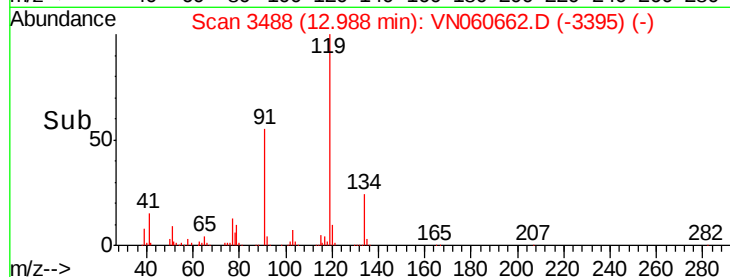
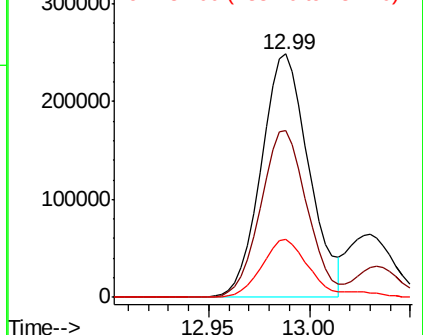
134 24.9 12.7 38.0



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: 49.556 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060662.D

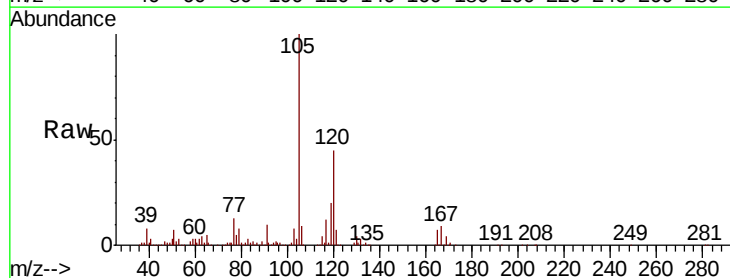
Acq: 24 Mar 2020 10:43

Tgt Ion:105 Resp: 487228

Ion Ratio Lower Upper

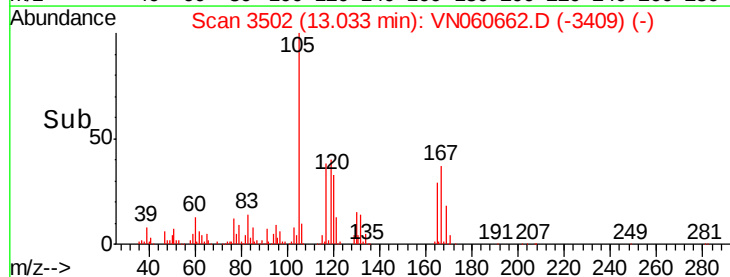
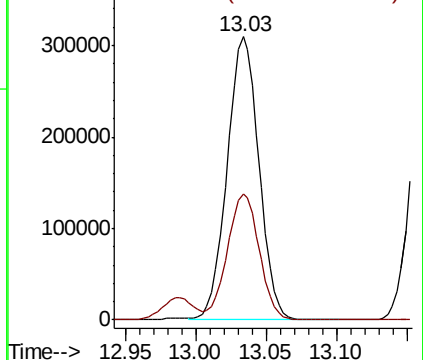
105 100

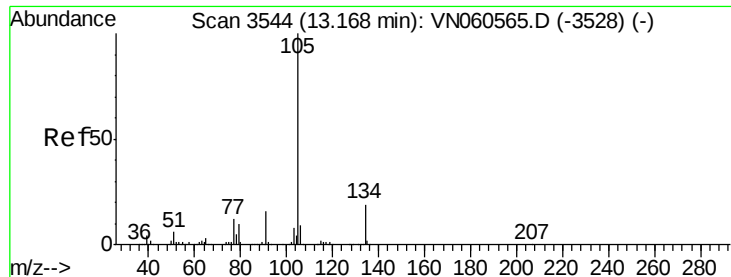
120 44.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.071 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

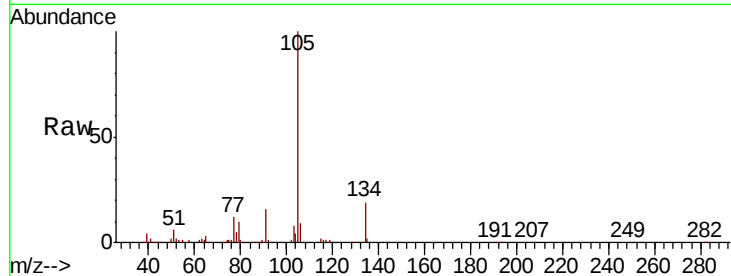
ClientSampleId :

Tot Ion:105 Resp: 554697

Ion Ratio Lower Upper

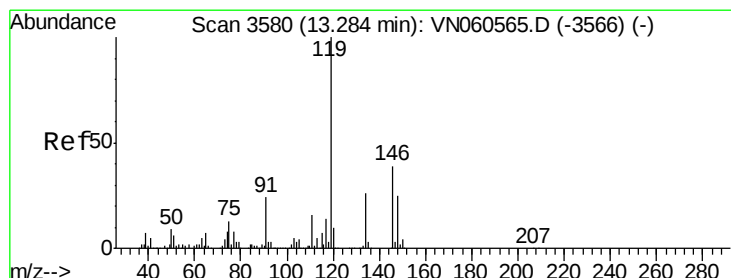
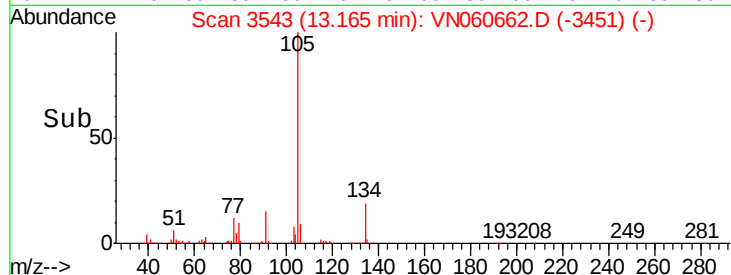
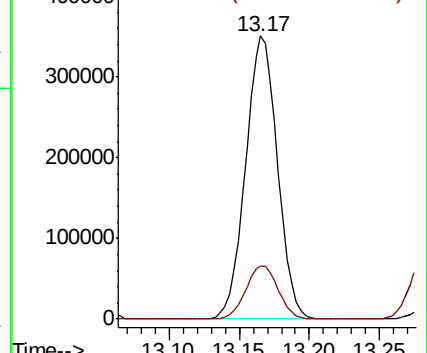
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.512 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

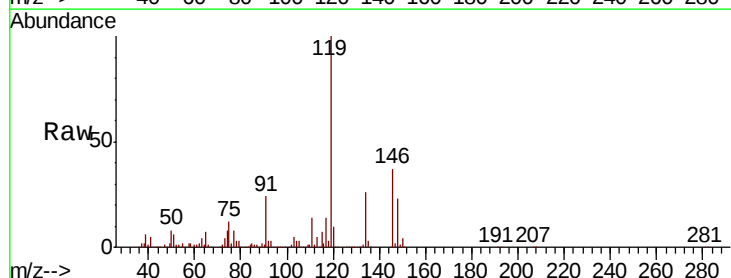
Tgt Ion:119 Resp: 503190

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

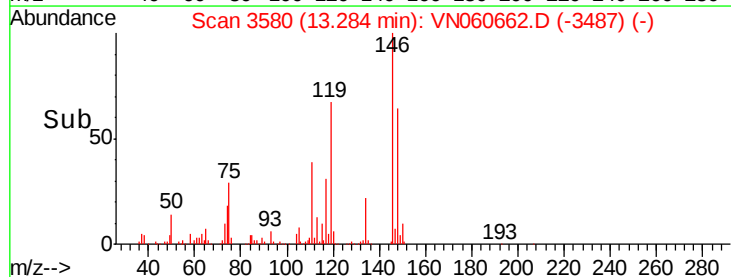
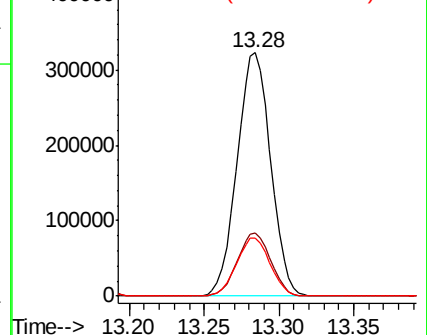
91 23.9 12.0 36.0

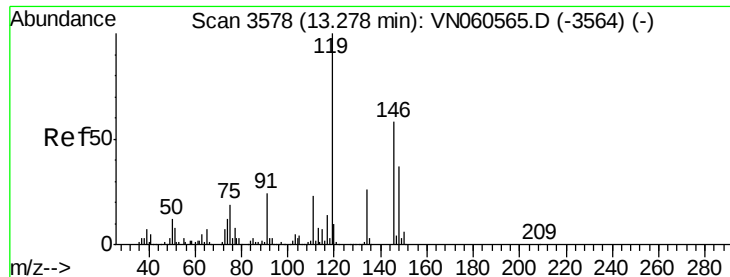


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.173 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

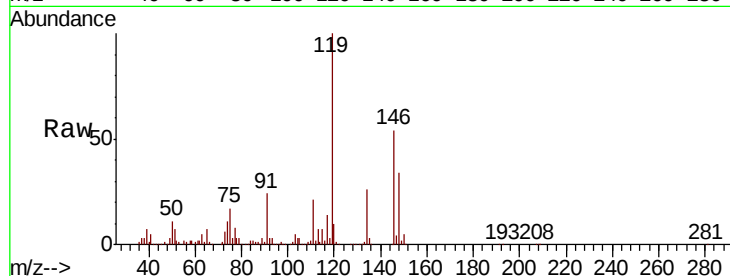
Tot Ion:146 Resp: 249712

Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.8

148 63.4 32.5 97.4

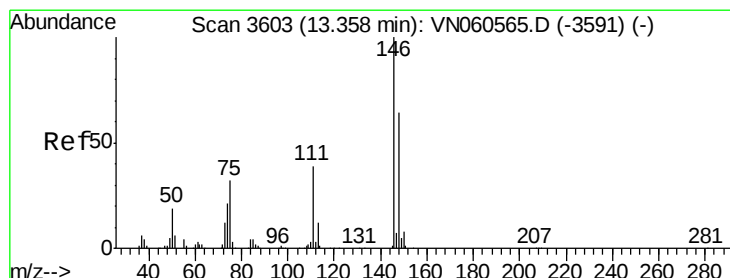
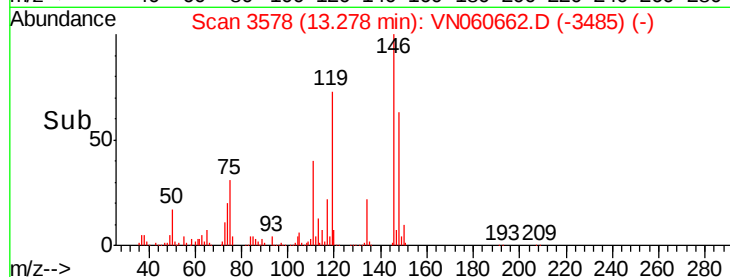
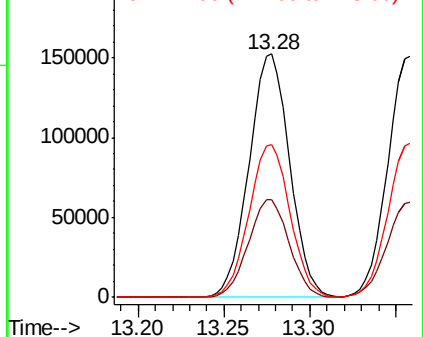


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.782 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

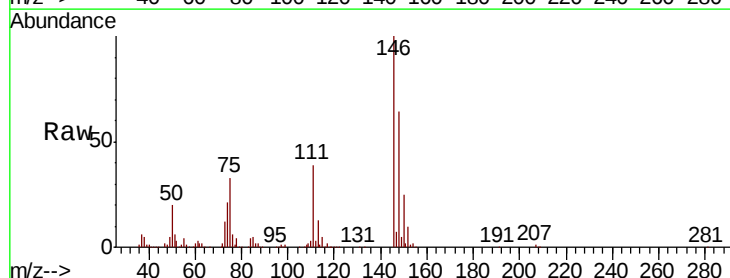
Tgt Ion:146 Resp: 248926

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.7

148 63.8 32.1 96.3

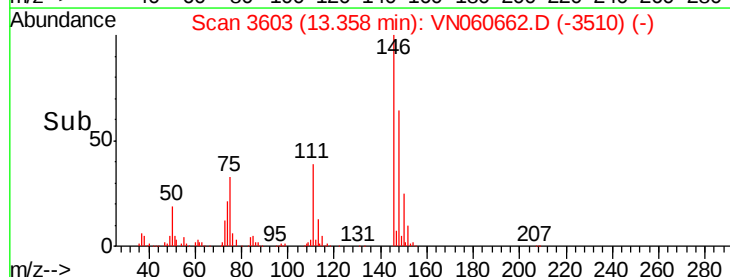
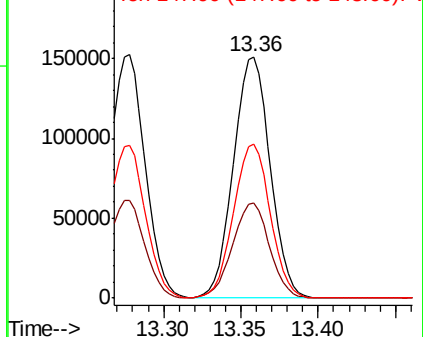


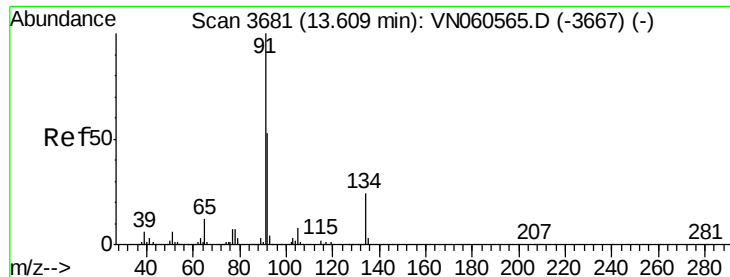
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.144 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060662.D

Acq: 24 Mar 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

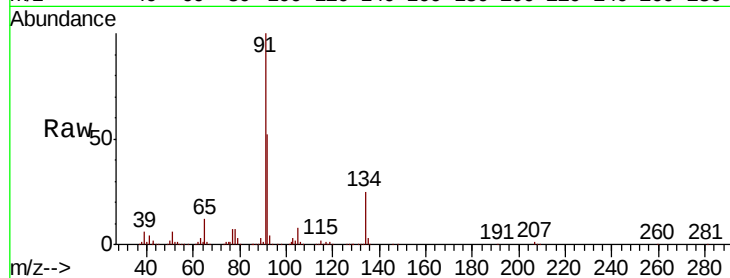
Tot Ion: 91 Resp: 468986

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

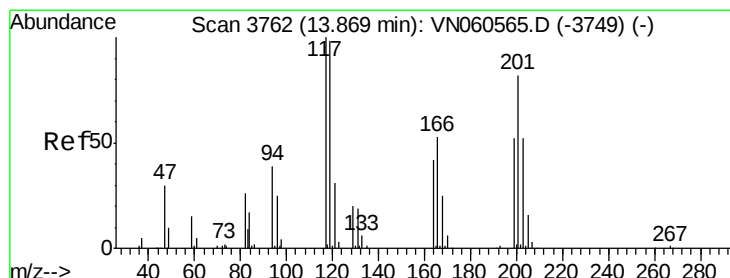
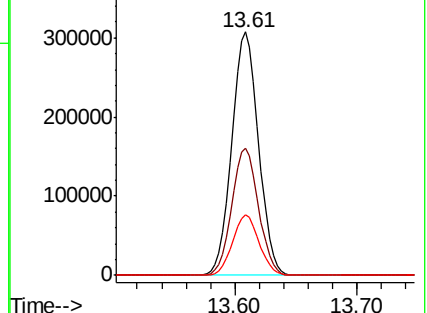
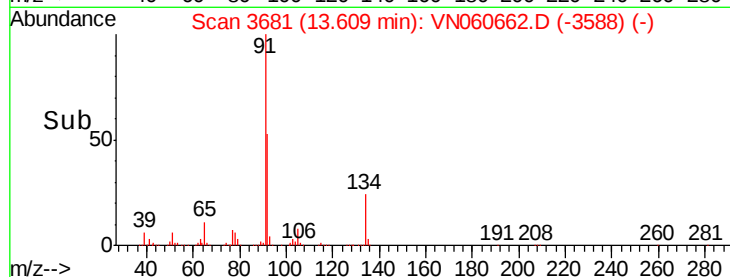
134 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060662.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060662.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060662.D (-3667) (-)



#90

Hexachloroethane

Concen: 47.237 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060662.D

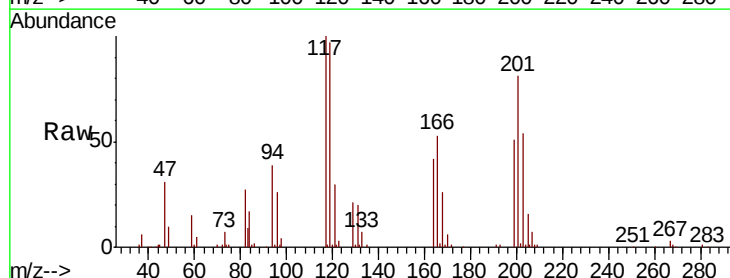
Acq: 24 Mar 2020 10:43

Tgt Ion: 117 Resp: 68401

Ion Ratio Lower Upper

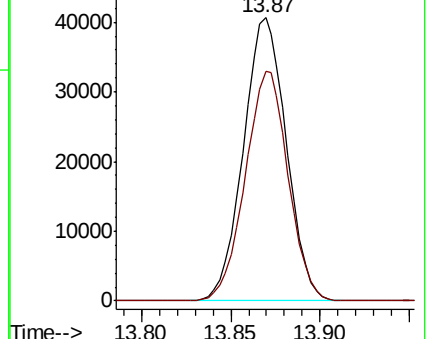
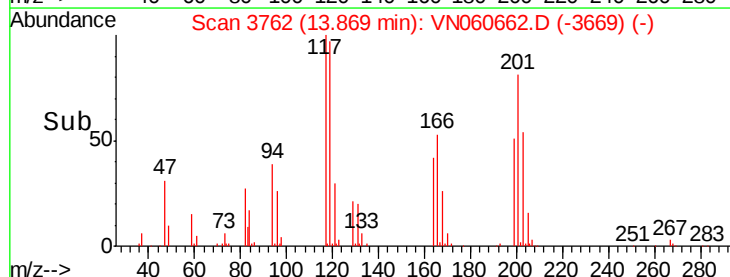
117 100

201 81.0 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060662.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060662.D (-3749) (-)

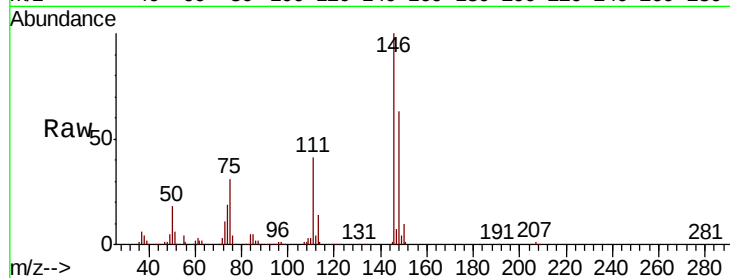




#91
 1,2-Dichlorobenzene
 Concen: 49.693 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	63.5	31.9	95.5

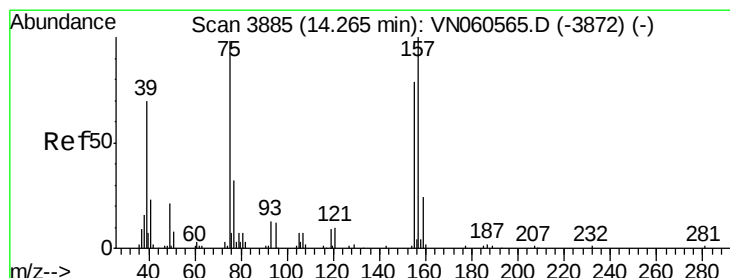
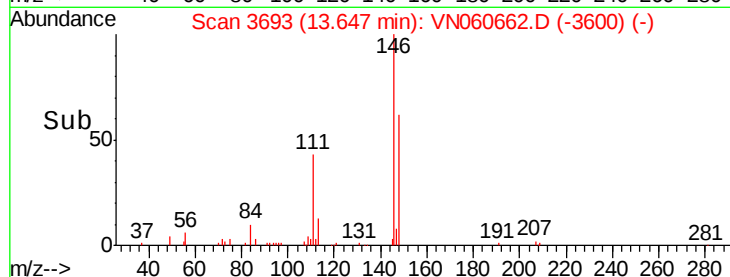
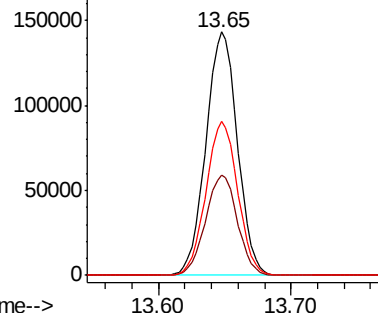


Abundance

Ion 145.90 (145.60 to 146.60): V

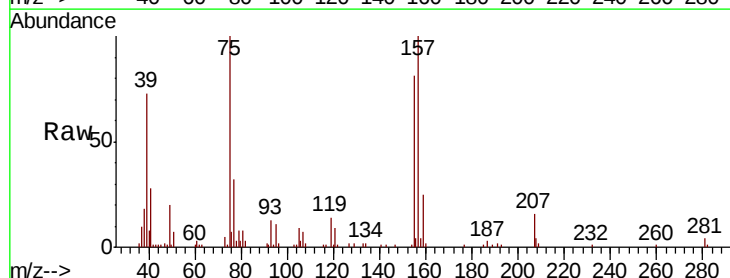
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.261 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	40.7	122.1
157	100.3	51.5	154.7

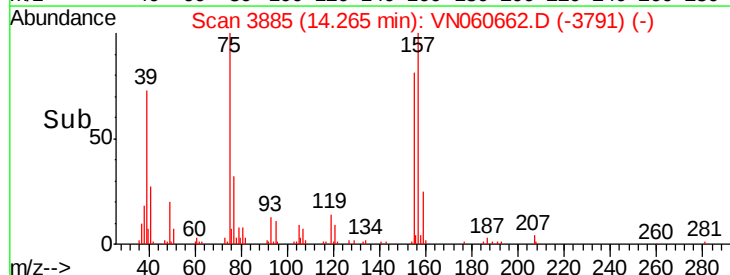
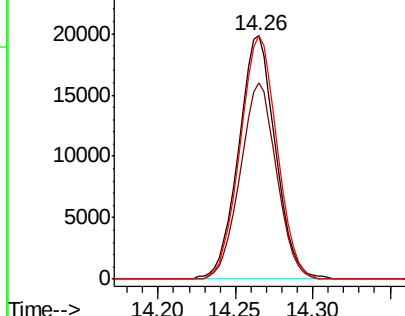


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

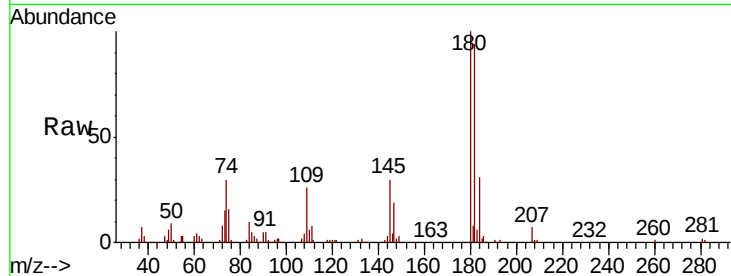




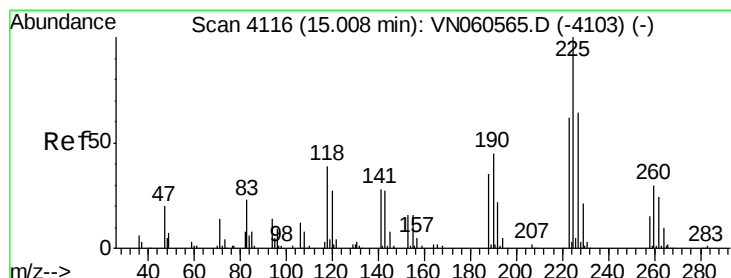
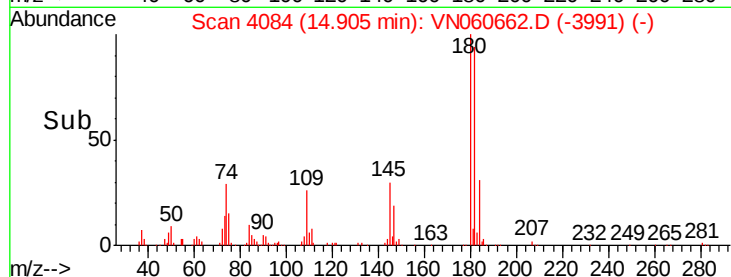
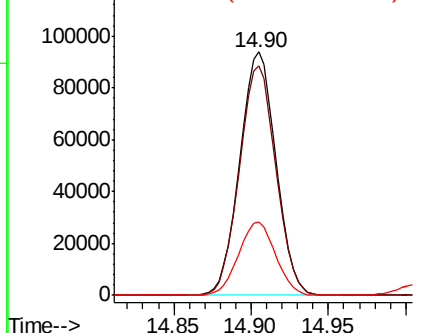
#93
 1,2,4-Trichlorobenzene
 Concen: 52.294 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 152829
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.8
 145 30.8 15.4 46.2

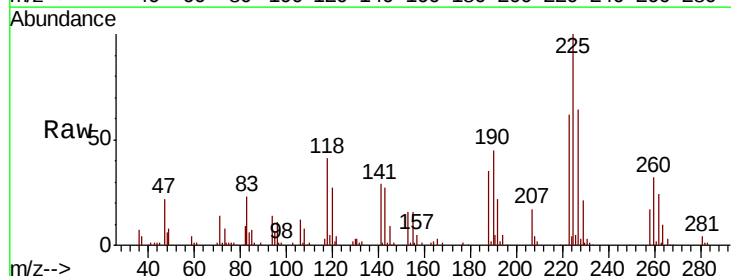


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

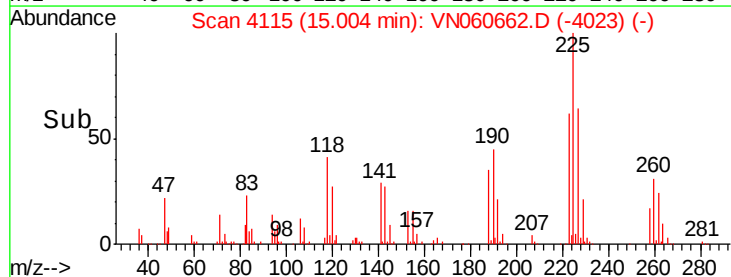
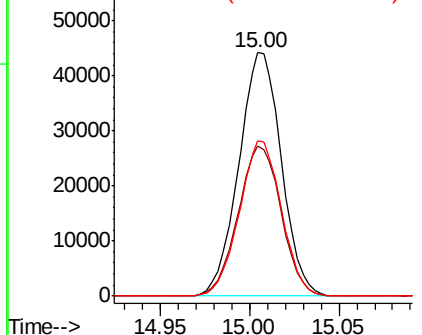


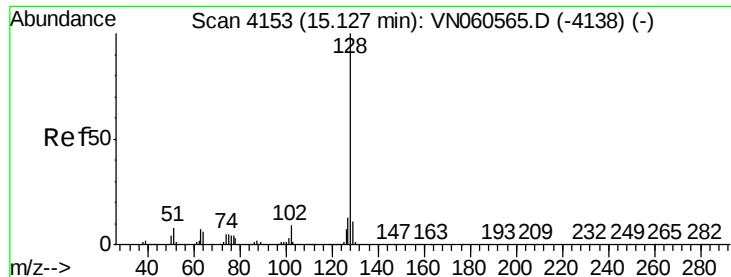
#94
 Hexachlorobutadiene
 Concen: 51.323 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN060662.D
 Acq: 24 Mar 2020 10:43

Tgt Ion:225 Resp: 73529
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 62.9 32.3 96.8



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

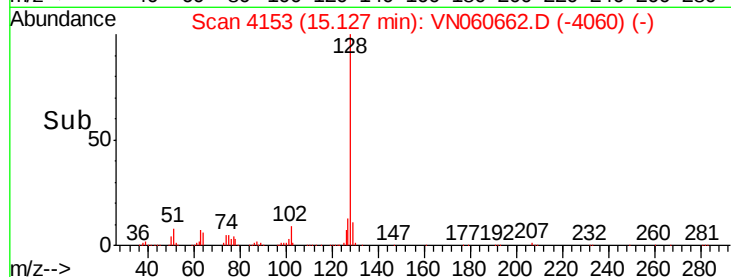
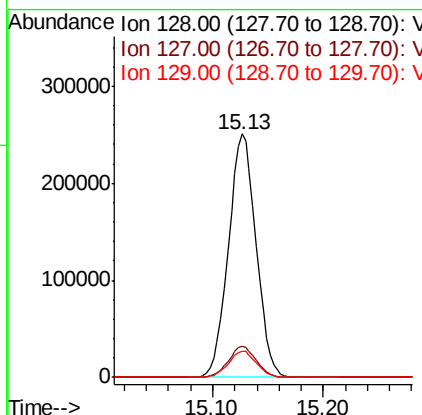
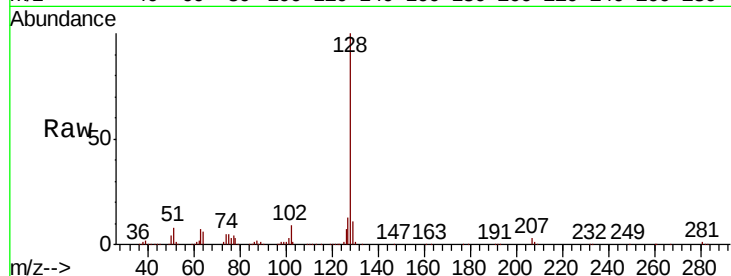




#95
Naphthalene
Concen: 49.471 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 434860
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.404 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060662.D
Acq: 24 Mar 2020 10:43

Tgt Ion:180 Resp: 142213
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.6
145 32.7 16.3 48.8

