

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064675.D
 Acq On : 17 Nov 2020 13:06
 Operator : JC/MD
 Sample : VN1117WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Quant Time: Nov 18 01:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	436207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197154	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	230256	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.54	113	162100	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	593239	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.37	95	215237	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58303	16.672	ug/l	98
3) Chloromethane	2.04	50	61984	14.593	ug/l	96
4) Vinyl Chloride	2.17	62	71617	16.419	ug/l	95
5) Bromomethane	2.54	94	49919	17.914	ug/l	98
6) Chloroethane	2.68	64	48535	17.380	ug/l	99
7) Trichlorofluoromethane	2.99	101	123713	19.261	ug/l	99
8) Diethyl Ether	3.37	74	44088	19.438	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57064	18.709	ug/l #	73
10) Methyl Iodide	3.91	142	57281	16.163	ug/l	99
11) Tert butyl alcohol	4.73	59	45919	88.986	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	49116	17.096	ug/l	98
13) Acrolein	3.56	56	20367	63.630	ug/l	93
14) Allyl chloride	4.27	41	88448	15.738	ug/l	94
15) Acrylonitrile	4.94	53	128835	89.676	ug/l	99
16) Acetone	3.78	43	137964	77.403	ug/l	99
17) Carbon Disulfide	4.01	76	140365	16.337	ug/l	99
18) Methyl Acetate	4.28	43	67618	19.296	ug/l #	81
19) Methyl tert-butyl Ether	4.99	73	179725	17.381	ug/l	97
20) Methylene Chloride	4.50	84	64904	18.353	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	57986	17.776	ug/l	95
22) Diisopropyl ether	5.90	45	202261	16.954	ug/l	99
23) Vinyl Acetate	5.84	43	801393	82.574	ug/l	98
24) 1,1-Dichloroethane	5.79	63	115948	17.687	ug/l	99
25) 2-Butanone	6.78	43	185044	81.480	ug/l	96
26) 2,2-Dichloropropane	6.77	77	108451	18.275	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	64789	17.140	ug/l	98
28) Bromochloromethane	7.14	49	55744	17.299	ug/l	96
29) Tetrahydrofuran	7.16	42	117810	84.552	ug/l	100
30) Chloroform	7.33	83	128889	18.704	ug/l	98
31) Cyclohexane	7.61	56	89332	15.705	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	113334	18.543	ug/l	99
36) 1,1-Dichloropropene	7.75	75	87071	17.869	ug/l	99
37) Ethyl Acetate	6.88	43	83024	17.294	ug/l	99
38) Carbon Tetrachloride	7.73	117	101926	19.572	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	74412	17.036	ug/l	98
40) Benzene	8.00	78	251634	17.574	ug/l	100
41) Methacrylonitrile	7.16	41	116891	54.109	ug/l #	29
42) 1,2-Dichloroethane	8.08	62	110531	19.129	ug/l	99
43) Isopropyl Acetate	8.13	43	137145	17.368	ug/l	98
44) Trichloroethene	8.80	130	62795	17.383	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68303	17.878	ug/l	98
46) Dibromomethane	9.17	93	49242	19.580	ug/l	98
47) Bromodichloromethane	9.37	83	104149	19.259	ug/l	99
48) Methyl methacrylate	9.16	41	64511	16.190	ug/l	93
49) 1,4-Dioxane	9.16	88	18632	355.011	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	410199	89.076	ug/l	98
52) Toluene	10.12	92	157512	18.037	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	106855	18.638	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	109766	17.907	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	67181	19.725	ug/l	97
56) Ethyl methacrylate	10.40	69	82429	16.010	ug/l	96
57) 1,3-Dichloropropane	10.68	76	109251	18.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	216035	96.100	ug/l	97
59) 2-Hexanone	10.72	43	287035	79.235	ug/l	99
60) Dibromochloromethane	10.87	129	74289	19.482	ug/l	98
61) 1,2-Dibromoethane	10.97	107	66657	19.295	ug/l	95
64) Tetrachloroethene	10.60	164	61752	18.378	ug/l	96
65) Chlorobenzene	11.40	112	167798	17.547	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	68337	19.156	ug/l	99
67) Ethyl Benzene	11.48	91	289283	17.007	ug/l	99
68) m/p-Xylenes	11.59	106	215822	34.987	ug/l	97
69) o-Xylene	11.92	106	102116	17.131	ug/l	97
70) Styrene	11.94	104	174339	17.381	ug/l	98
71) Bromoform	12.10	173	46427	18.165	ug/l #	99
73) Isopropylbenzene	12.22	105	267203	17.051	ug/l	100
74) N-amyl acetate	12.04	43	109424	15.262	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	87290	18.136	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	120253	25.174	ug/l #	100
77) Bromobenzene	12.50	156	69231	18.096	ug/l	95
78) n-propylbenzene	12.56	91	313531	17.550	ug/l	99
79) 2-Chlorotoluene	12.65	91	198525	17.520	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	231638	17.918	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26813	15.672	ug/l	86
82) 4-Chlorotoluene	12.75	91	210454	17.735	ug/l	100
83) tert-Butylbenzene	12.96	119	178125	17.642	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	233921	18.000	ug/l	100
85) sec-Butylbenzene	13.14	105	243182	19.018	ug/l	99
86) p-Isopropyltoluene	13.26	119	215569	18.742	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	119683	18.097	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	119062	17.421	ug/l	99
89) n-Butylbenzene	13.59	91	184288	18.635	ug/l	97
90) Hexachloroethane	13.85	117	42984	19.373	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	118489	18.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17057	17.799	ug/l	97

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

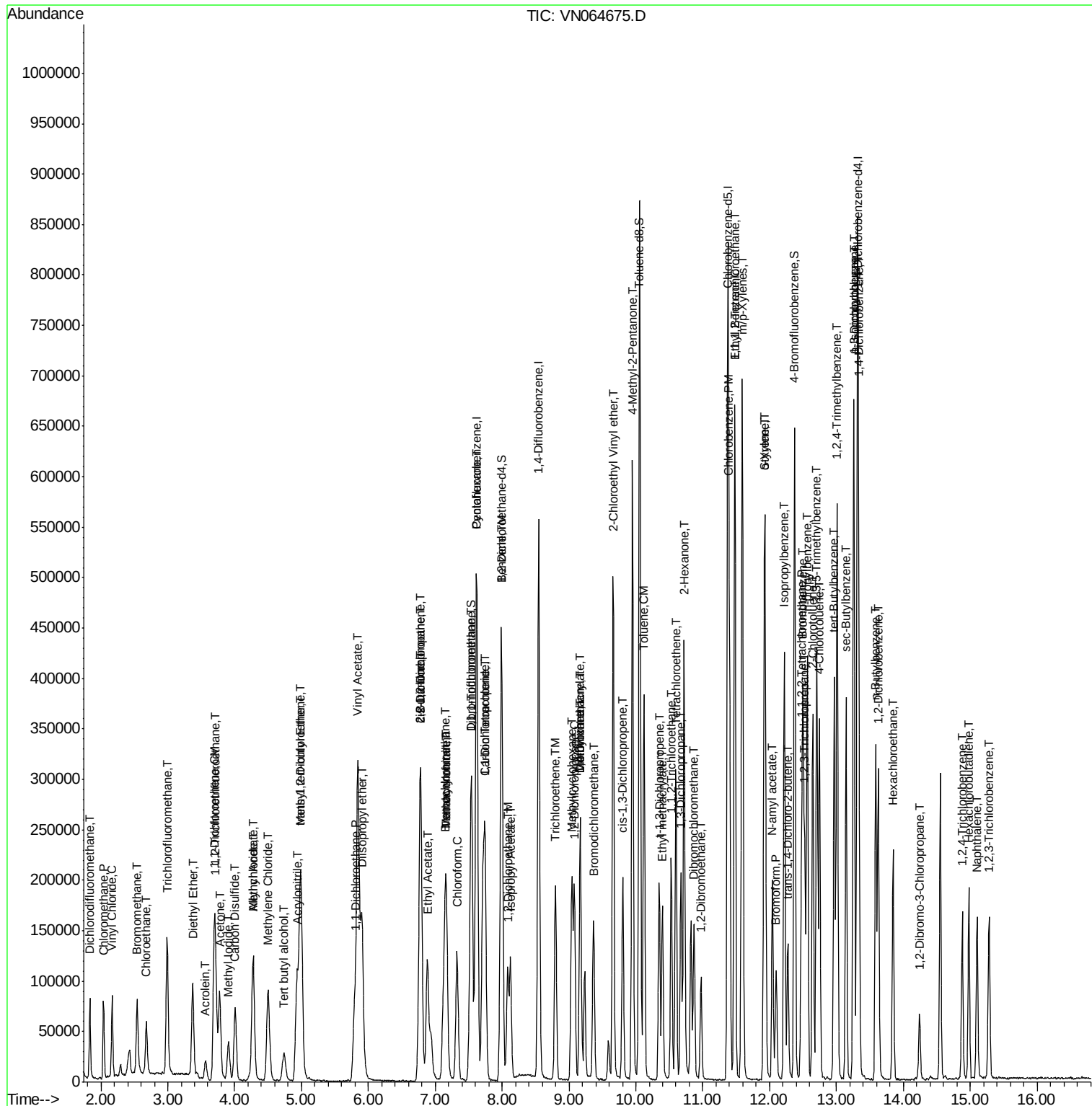
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46941	16.711	ug/l	96
94) Hexachlorobutadiene	14.98	225	29851	23.047	ug/l	99
95) Naphthalene	15.10	128	131018	14.861	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	48619	17.779	ug/l	99

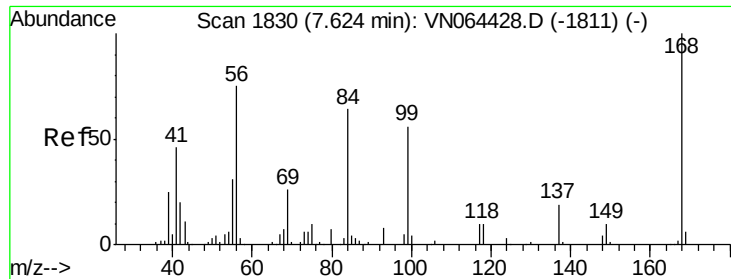
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

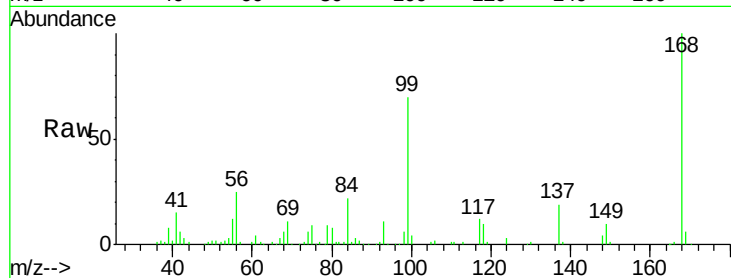
VN1117WBSD01

Tot Ion:168 Resp: 268637

Ion Ratio Lower Upper

168 100

99 70.0 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

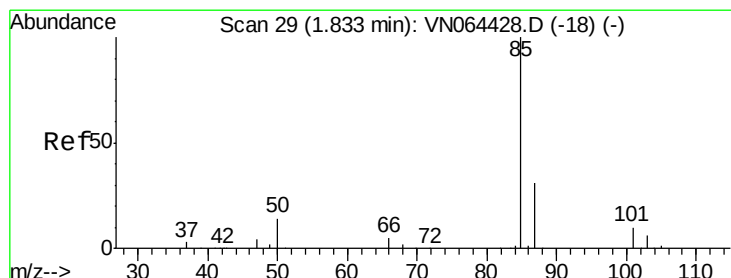
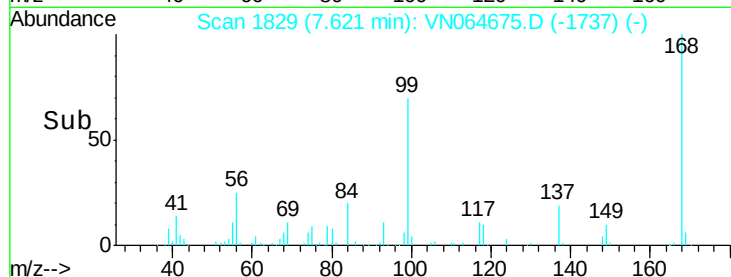
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.672 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064675.D

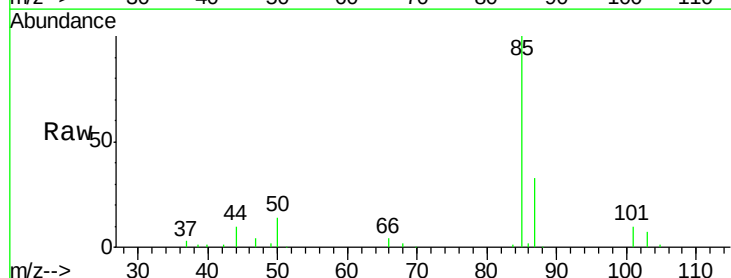
Acq: 17 Nov 2020 13:06

Tgt Ion: 85 Resp: 58303

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

50000

40000

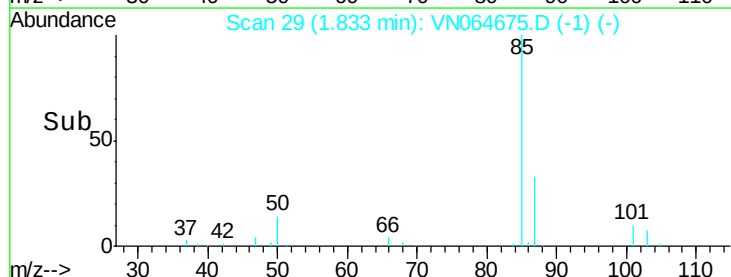
30000

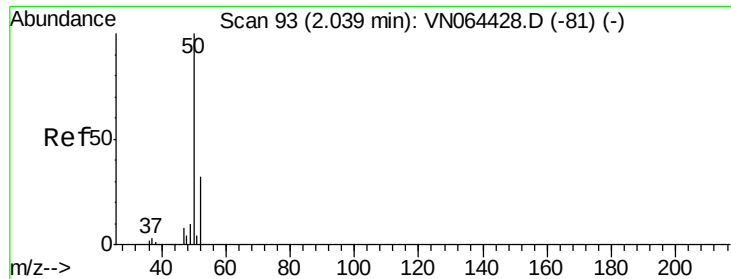
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 14.593 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

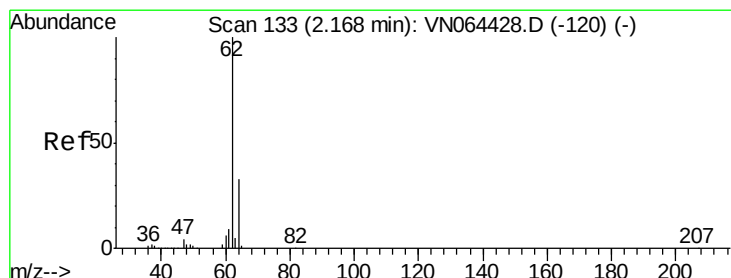
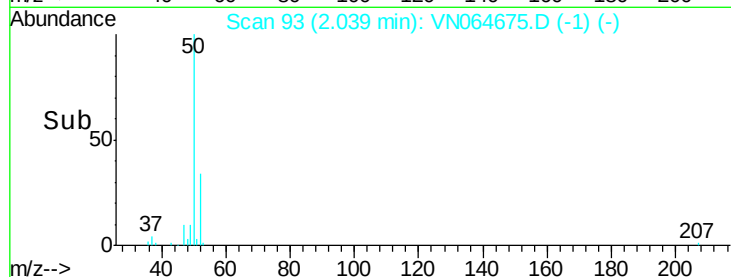
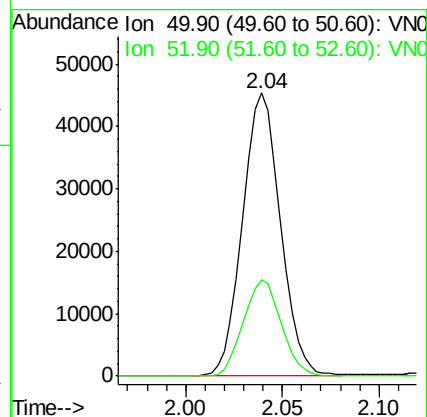
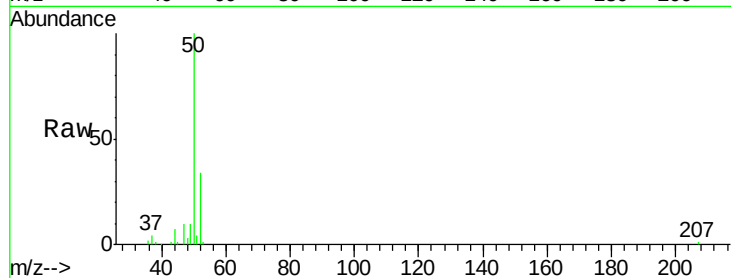
VN1117WBSD01

Tot Ion: 50 Resp: 61984

Ion Ratio Lower Upper

50 100

52 34.1 25.3 37.9



#4

Vinyl Chloride

Concen: 16.419 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064675.D

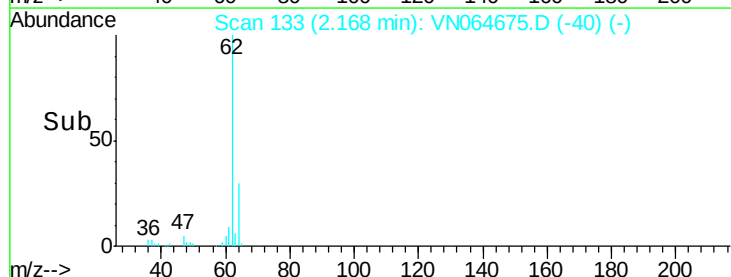
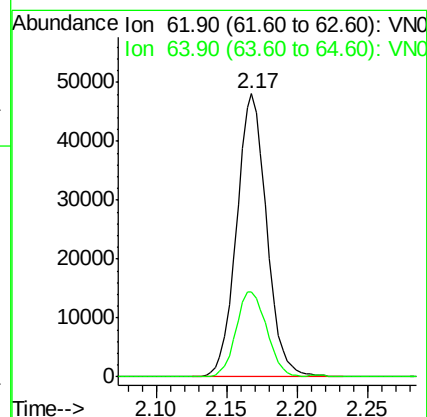
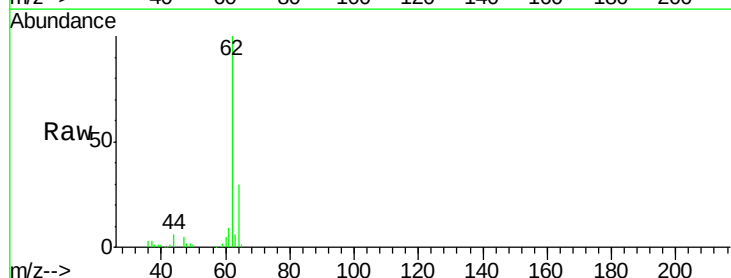
Acq: 17 Nov 2020 13:06

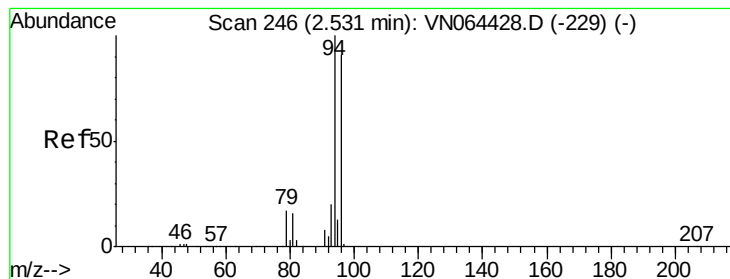
Tgt Ion: 62 Resp: 71617

Ion Ratio Lower Upper

62 100

64 30.1 26.3 39.5





#5

Bromomethane

Concen: 17.914 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

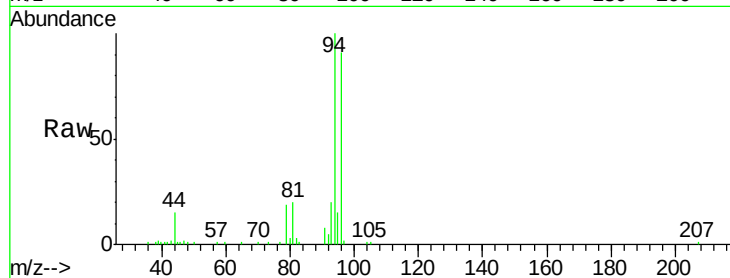
VN1117WBSD01

Tot Ion: 94 Resp: 49919

Ion Ratio Lower Upper

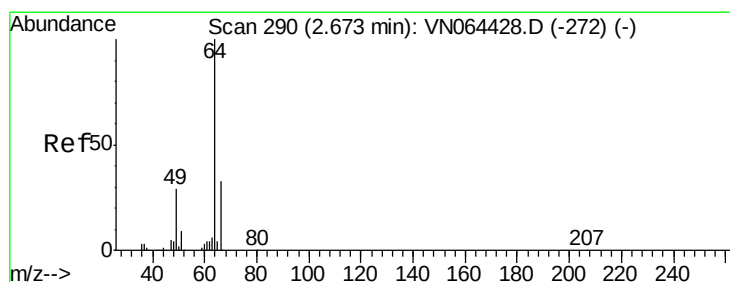
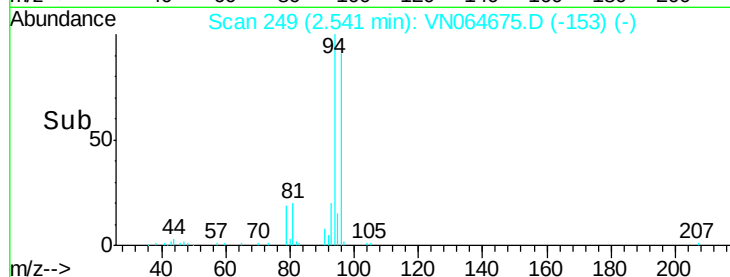
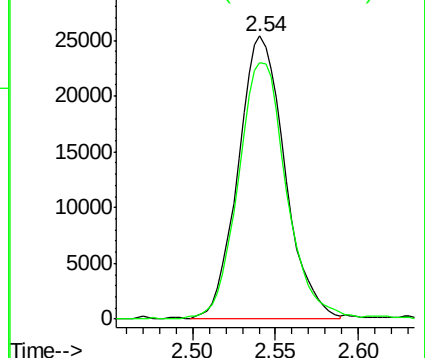
94 100

96 89.7 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.380 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064675.D

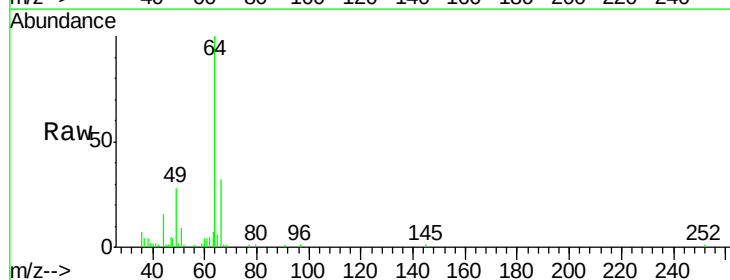
Acq: 17 Nov 2020 13:06

Tgt Ion: 64 Resp: 48535

Ion Ratio Lower Upper

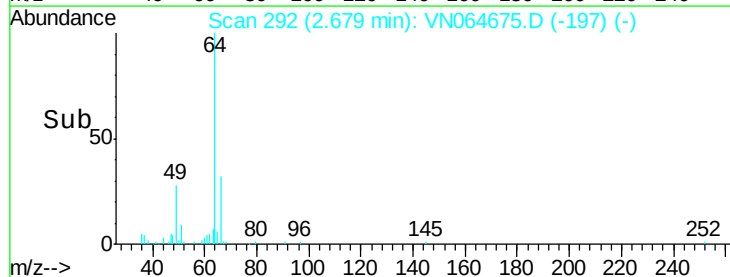
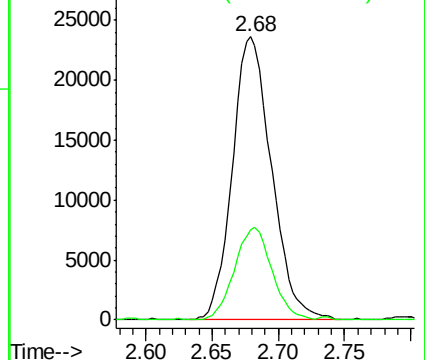
64 100

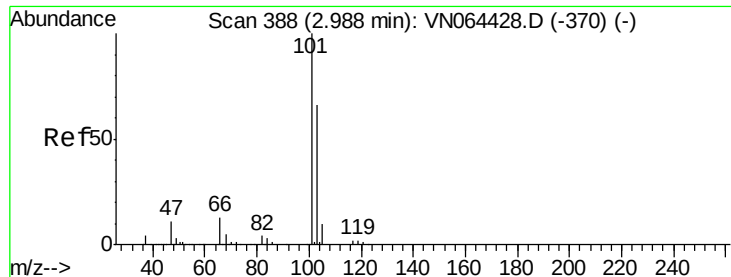
66 31.8 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 19.261 ug/l

RT: 2.99 min Scan# 389

Delta R.T. 0.00 min

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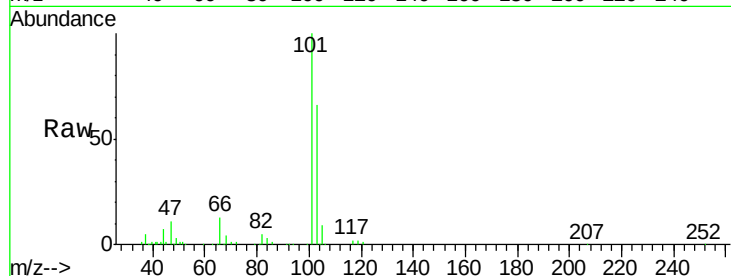
VN1117WBSD01

Tot Ion:101 Resp: 123713

Ion Ratio Lower Upper

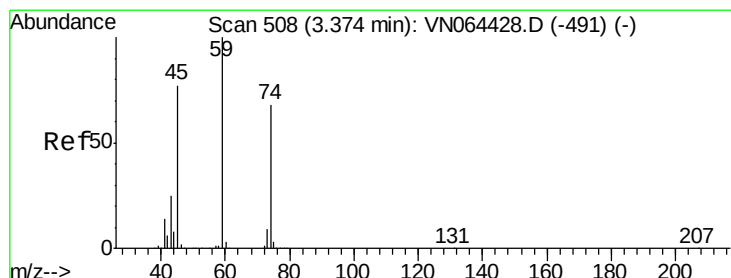
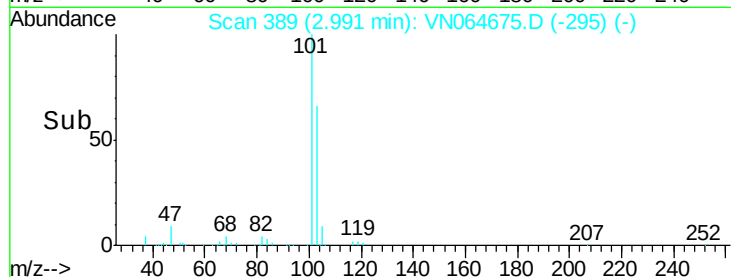
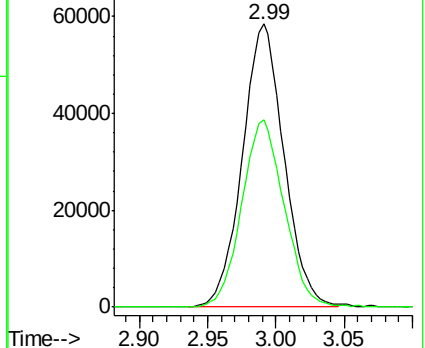
101 100

103 66.1 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.438 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN064675.D

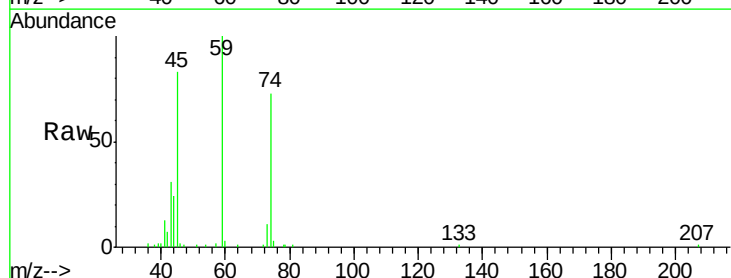
Acq: 17 Nov 2020 13:06

Tgt Ion: 74 Resp: 44088

Ion Ratio Lower Upper

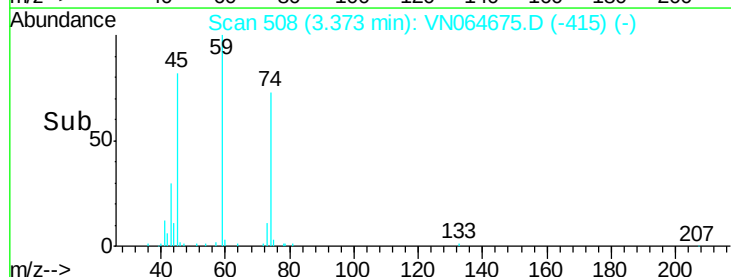
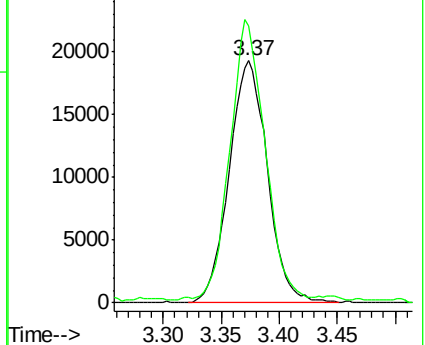
74 100

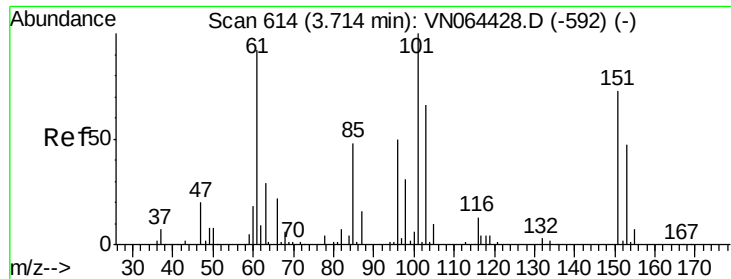
45 106.8 55.9 167.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.709 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

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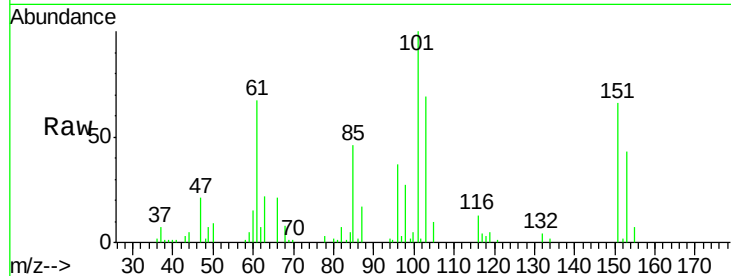
Tot Ion:101 Resp: 57064

Ion Ratio Lower Upper

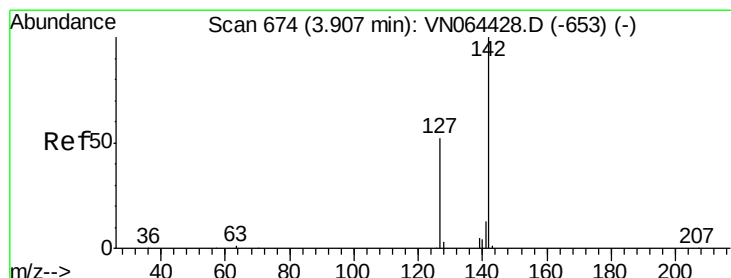
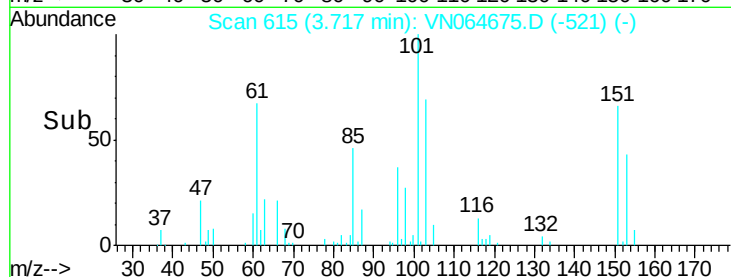
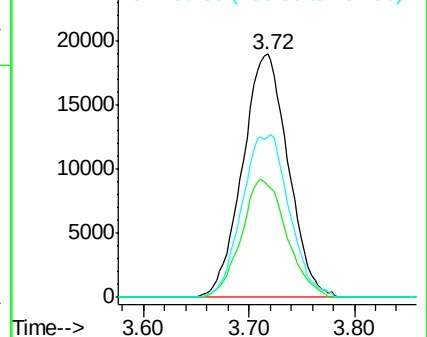
101 100

85 48.0 38.6 57.8

151 34.4 57.5 86.3#



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.163 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

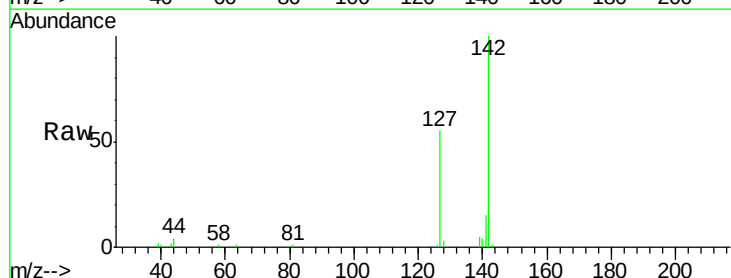
Tgt Ion:142 Resp: 57281

Ion Ratio Lower Upper

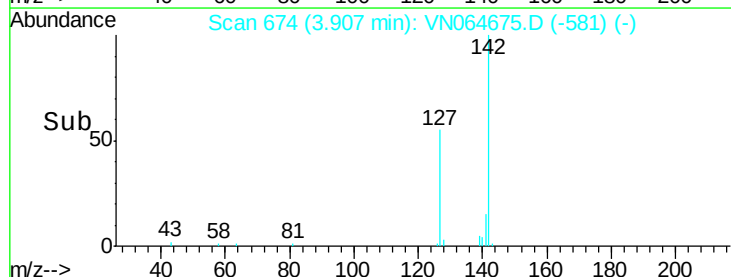
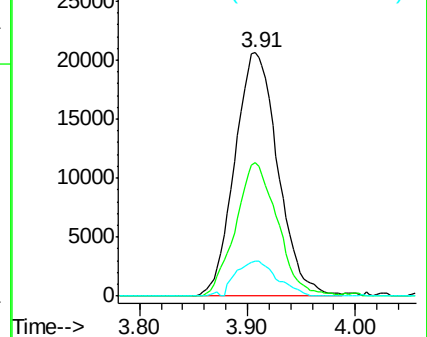
142 100

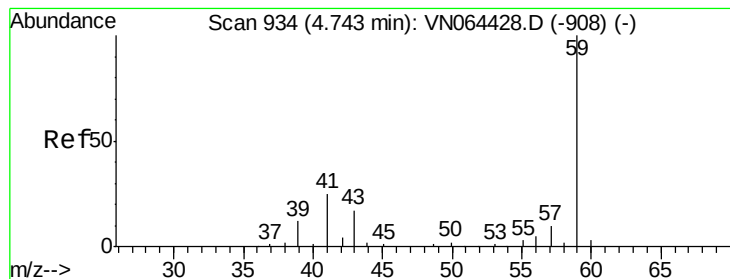
127 53.2 41.8 62.8

141 13.6 11.4 17.2



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: 88.986 ug/l

RT: 4.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

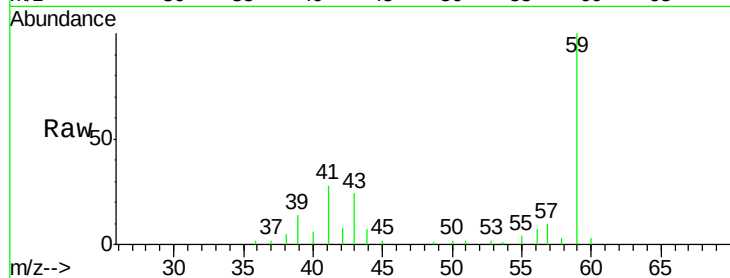
VN1117WBSD01

Tot Ion: 59 Resp: 45919

Ion Ratio Lower Upper

59 100

57 5.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

15000

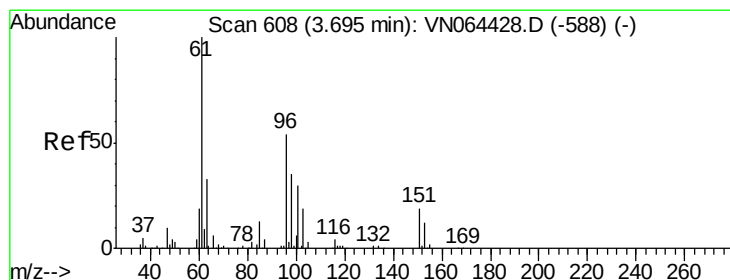
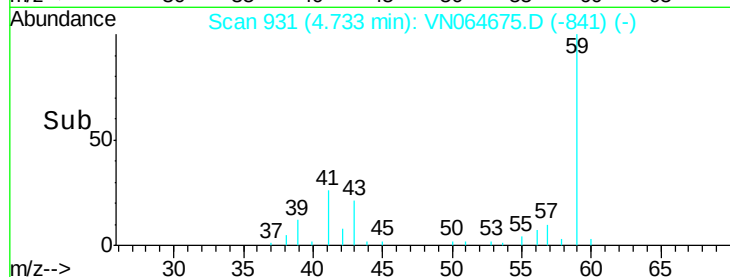
10000

5000

0

Time-->

4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 17.096 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

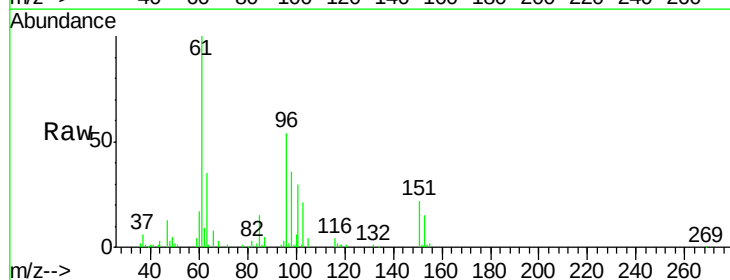
Tgt Ion: 96 Resp: 49116

Ion Ratio Lower Upper

96 100

61 183.6 149.5 224.3

98 66.9 52.4 78.6



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

40000

30000

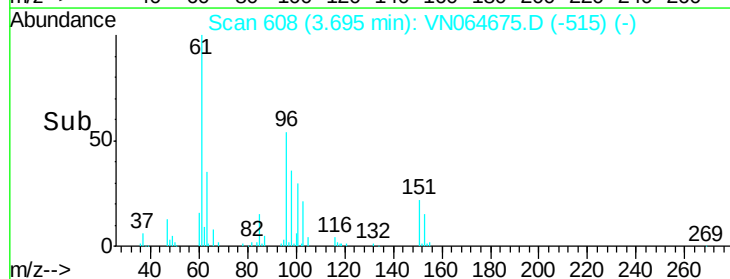
20000

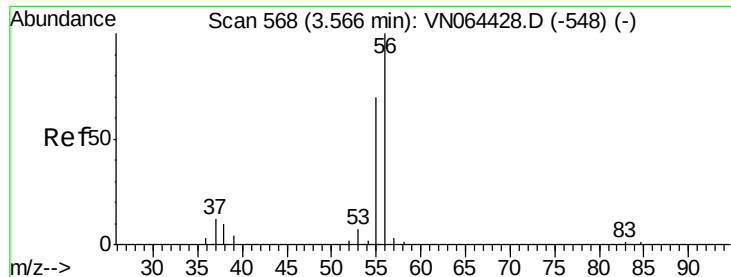
10000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 63.630 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

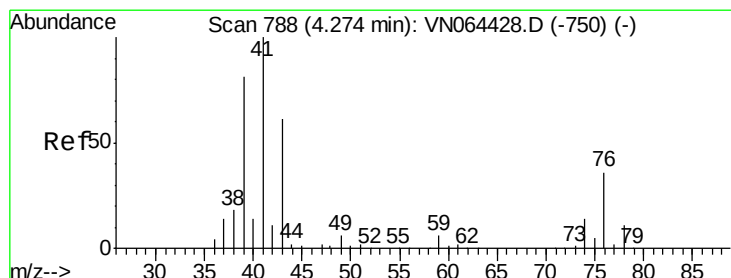
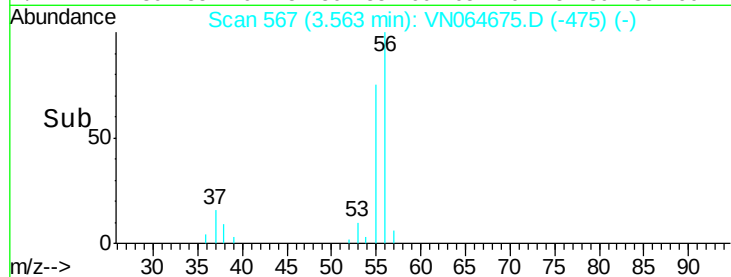
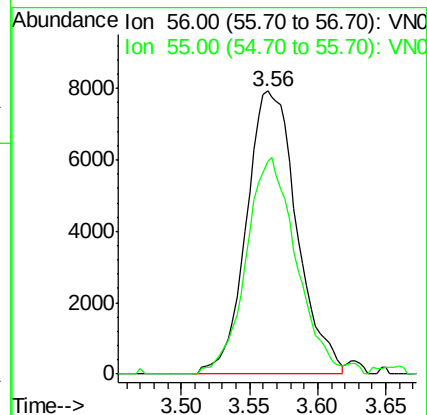
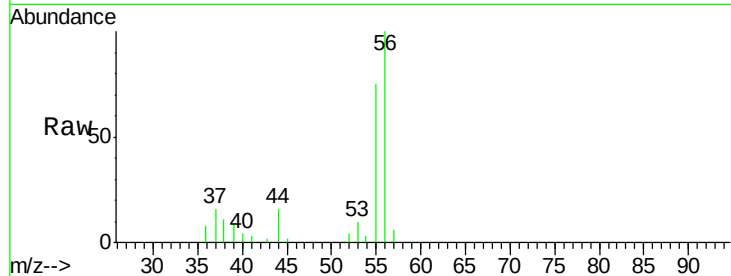
VN1117WBSD01

Tot Ion: 56 Resp: 20367

Ion Ratio Lower Upper

56 100

55 75.6 55.9 83.9



#14

Allyl chloride

Concen: 15.738 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

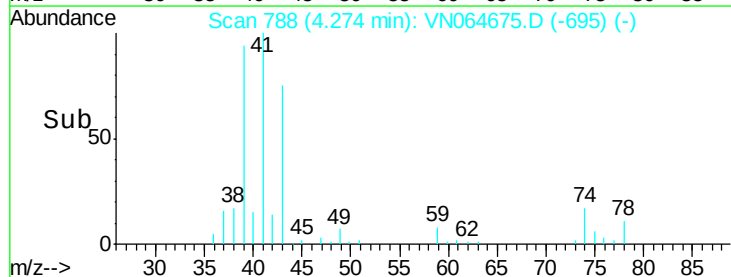
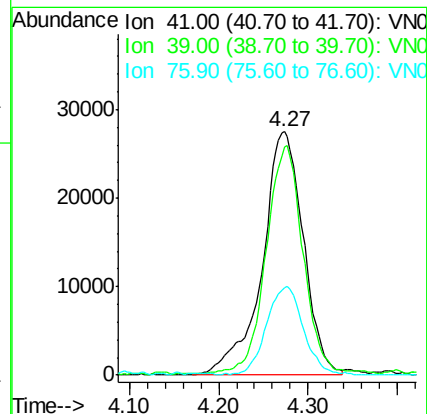
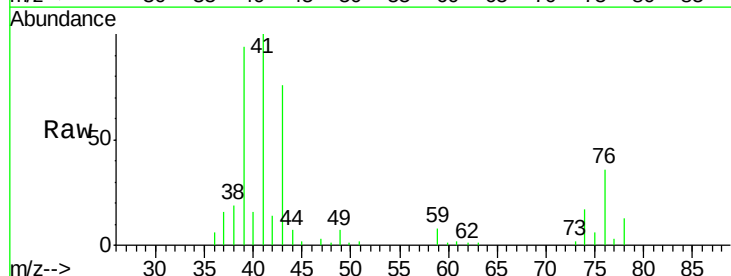
Tgt Ion: 41 Resp: 88448

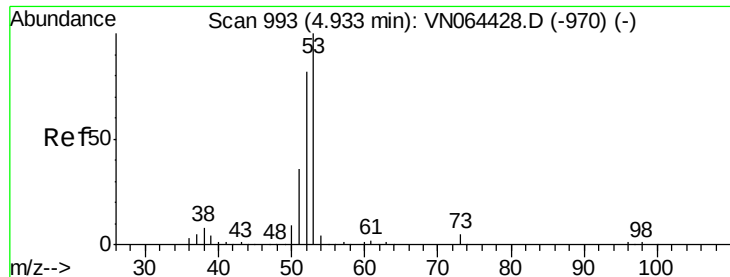
Ion Ratio Lower Upper

41 100

39 83.7 61.8 92.8

76 32.5 25.4 38.0





#15

Acrylonitrile

Concen: 89.676 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

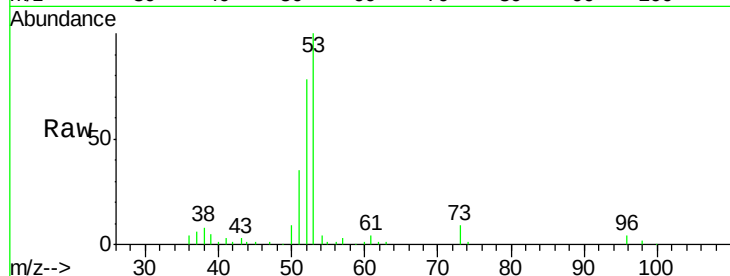
Tot Ion: 53 Resp: 128835

Ion Ratio Lower Upper

53 100

52 82.1 65.6 98.4

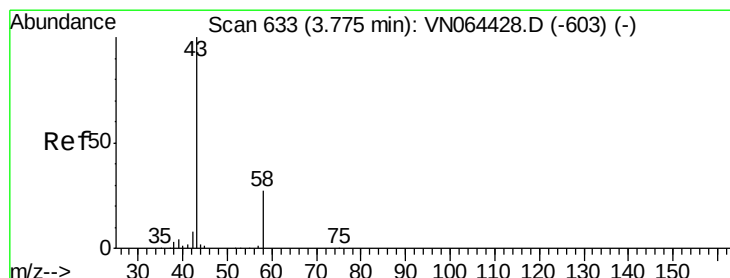
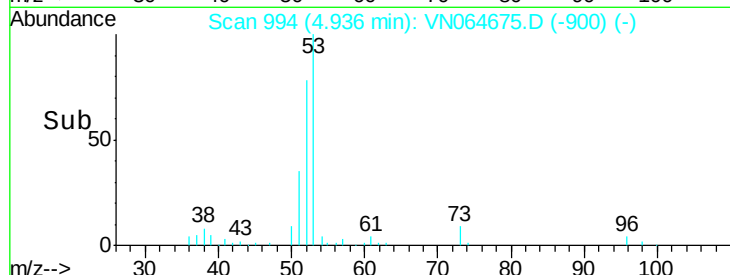
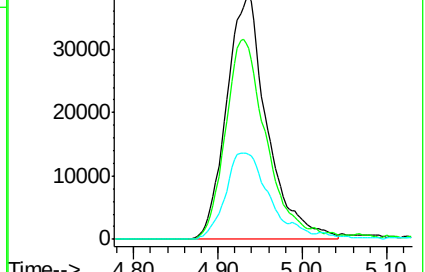
51 38.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 77.403 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064675.D

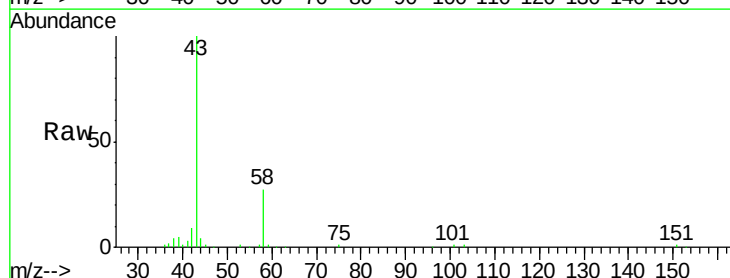
Acq: 17 Nov 2020 13:06

Tgt Ion: 43 Resp: 137964

Ion Ratio Lower Upper

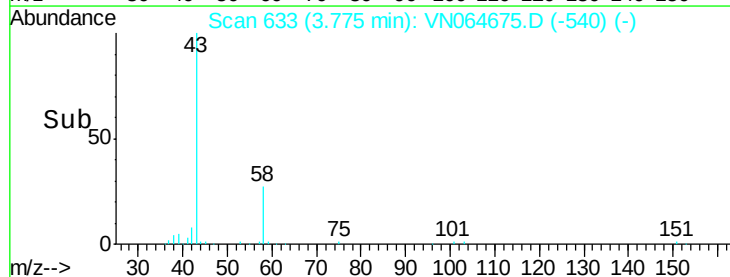
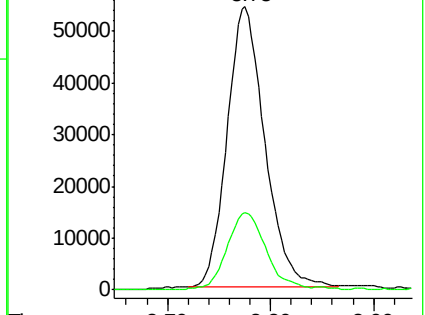
43 100

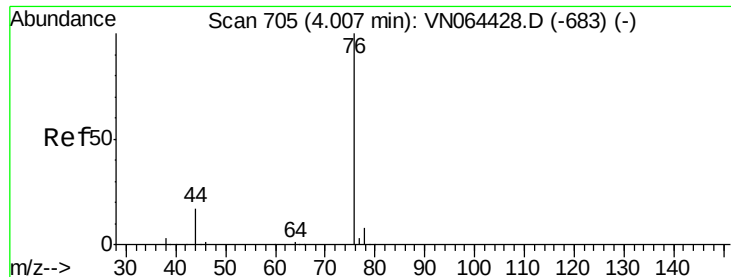
58 27.1 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)





#17

Carbon Disulfide

Concen: 16.337 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

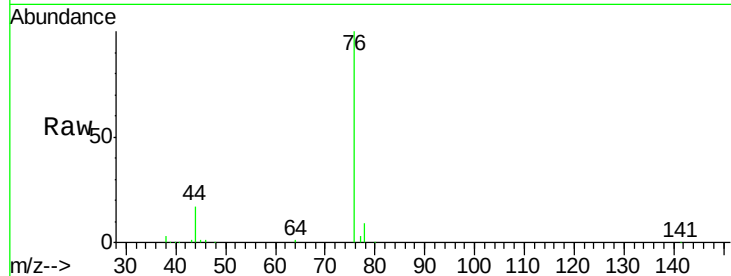
VN1117WBSD01

Tot Ion: 76 Resp: 140365

Ion Ratio Lower Upper

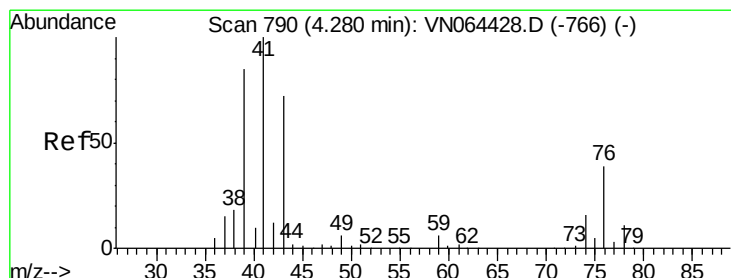
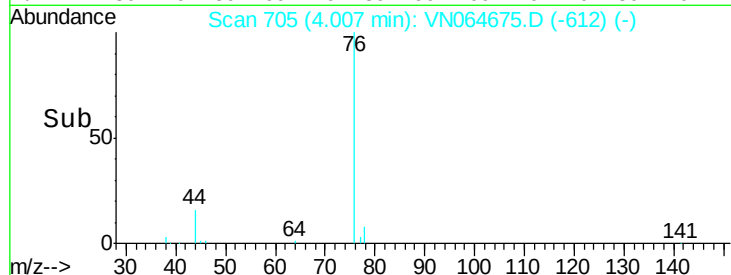
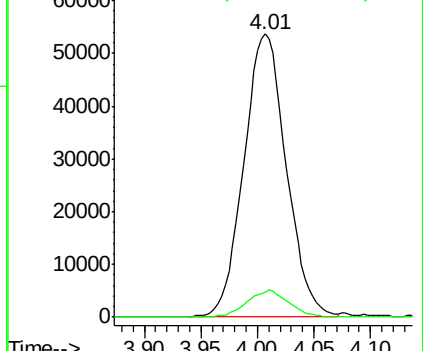
76 100

78 8.9 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.296 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064675.D

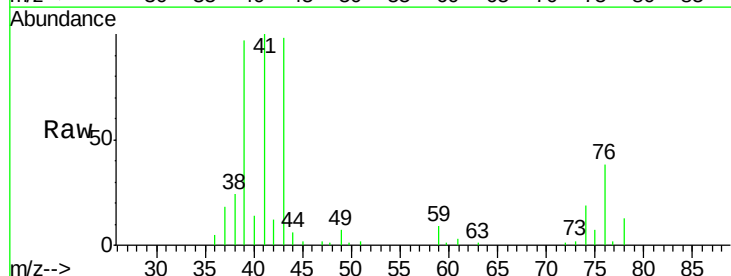
Acq: 17 Nov 2020 13:06

Tgt Ion: 43 Resp: 67618

Ion Ratio Lower Upper

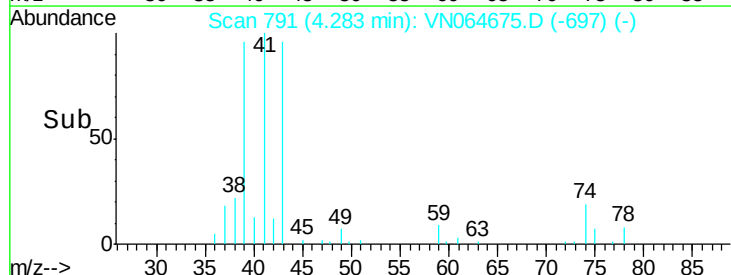
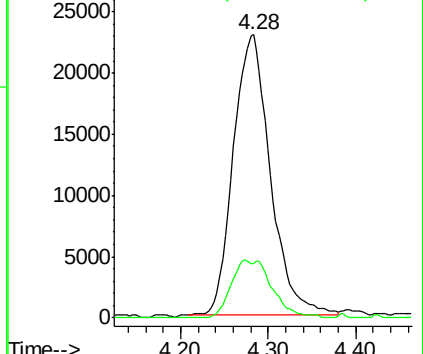
43 100

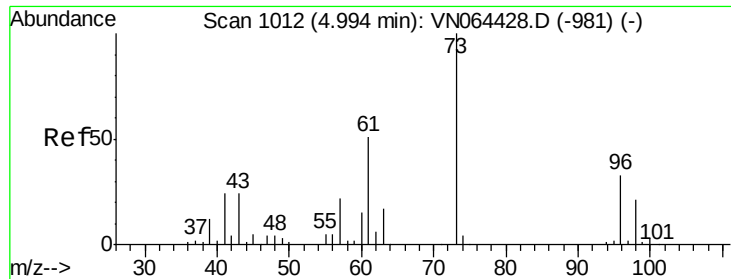
74 12.2 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

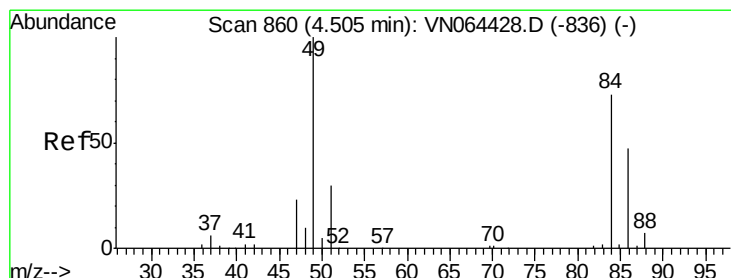
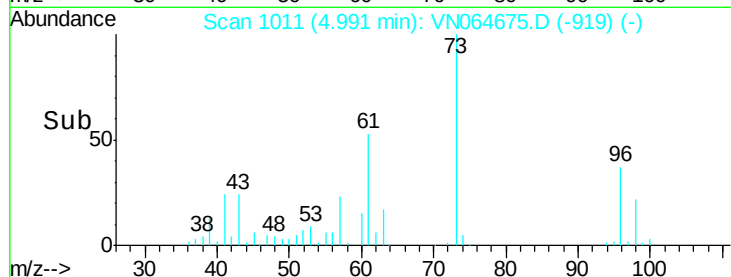
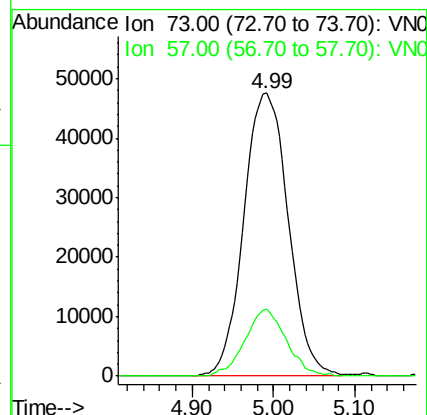
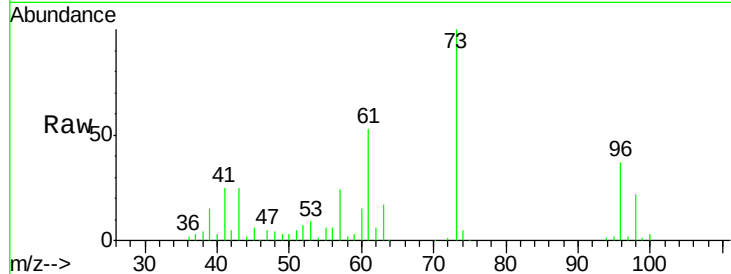




#19
Methyl tert-butyl Ether
Concen: 17.381 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

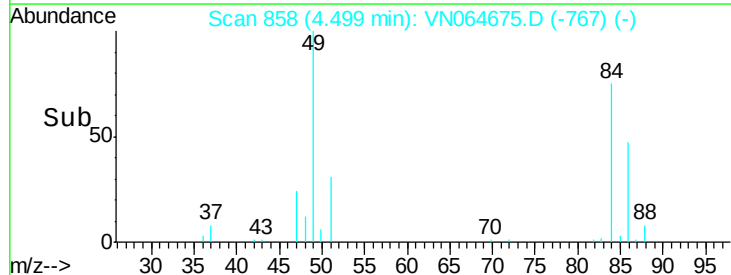
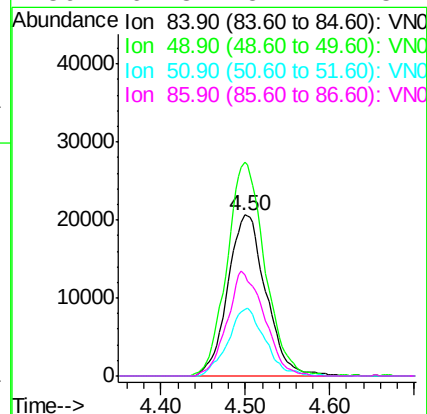
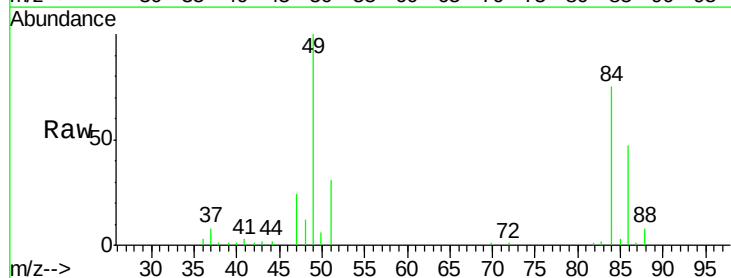
Instrument :
MSVOA_N
ClientSampled :
VN1117WBSD01

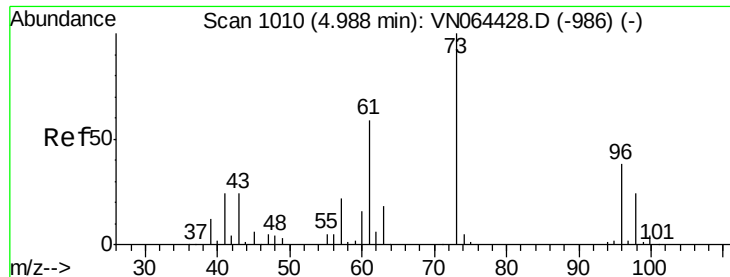
Tot Ion: 73 Resp: 179725
Ion Ratio Lower Upper
73 100
57 23.5 17.7 26.5



#20
Methylene Chloride
Concen: 18.353 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion: 84 Resp: 64904
Ion Ratio Lower Upper
84 100
49 132.0 110.1 165.1
51 41.1 33.6 50.4
86 62.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.776 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

VN1117WBSD01

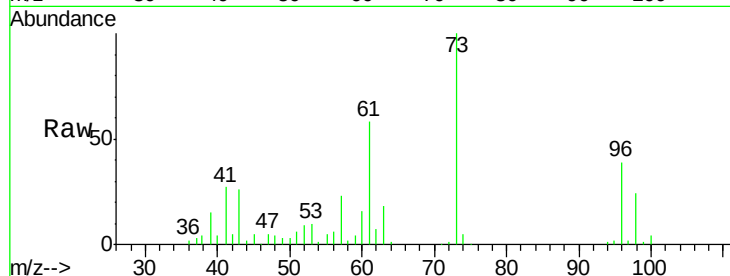
Tot Ion: 96 Resp: 57986

Ion Ratio Lower Upper

96 100

61 145.3 122.4 183.6

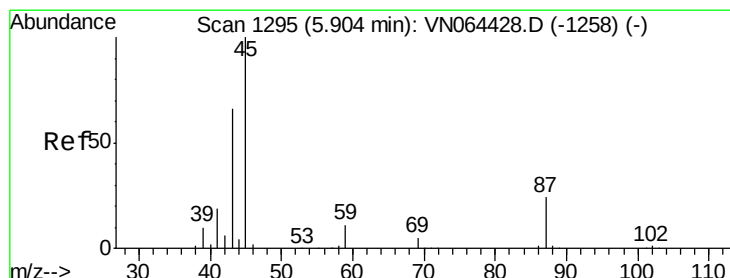
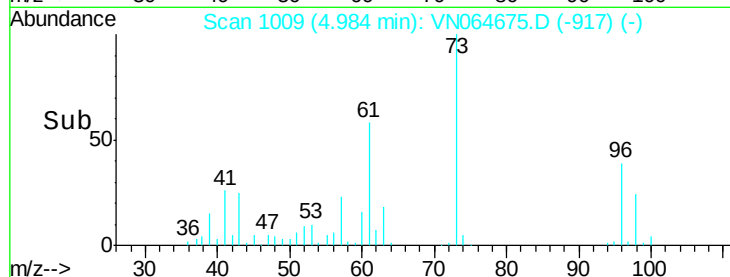
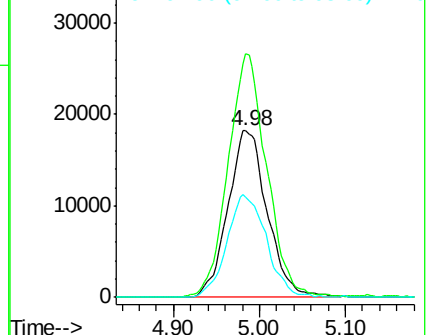
98 60.1 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-986) (-)



#22

Diisopropyl ether

Concen: 16.954 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Tgt Ion: 45 Resp: 202261

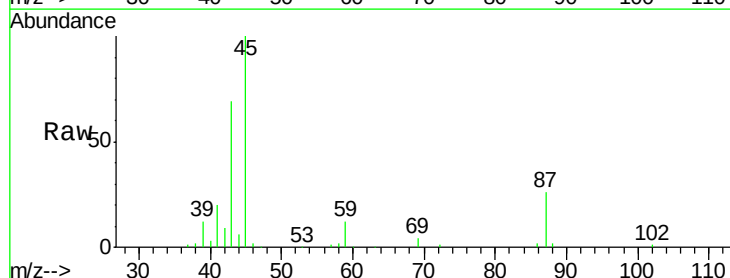
Ion Ratio Lower Upper

45 100

43 66.2 53.2 79.8

87 26.4 19.9 29.9

59 11.1 8.6 13.0

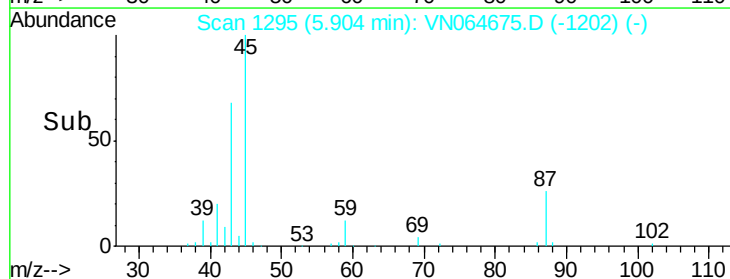
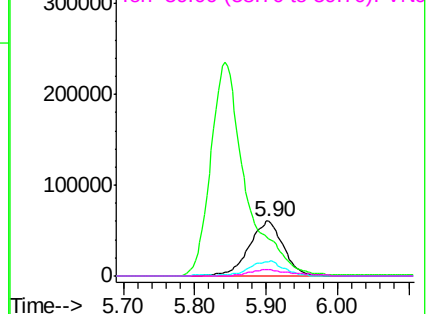


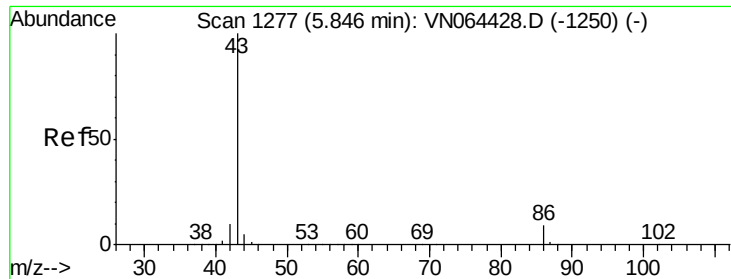
Abundance Ion 45.00 (44.70 to 45.70): VN064428.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN064428.D (-1258) (-)

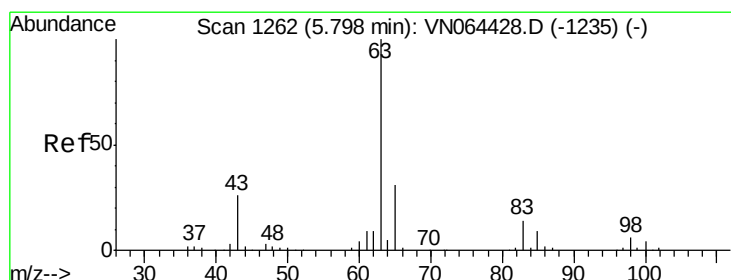
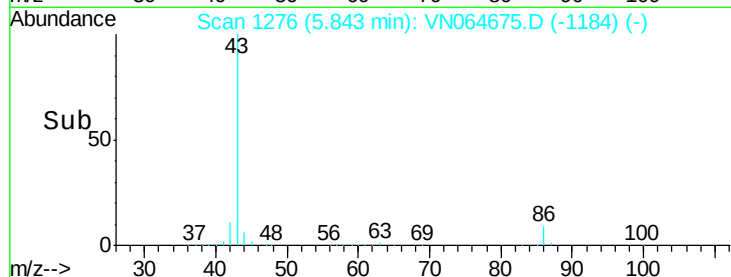
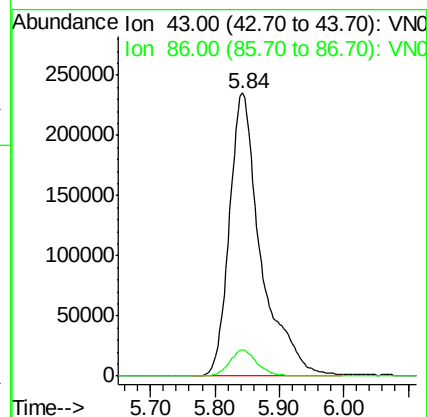
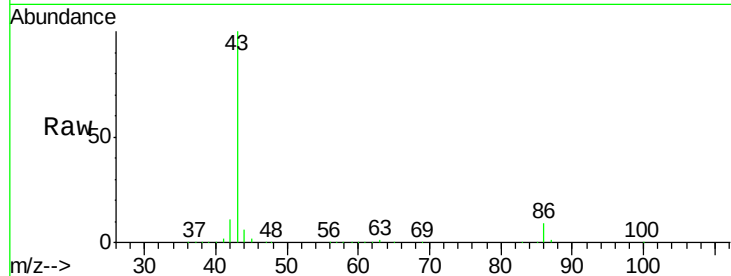




#23
 Vinyl Acetate
 Concen: 82.574 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

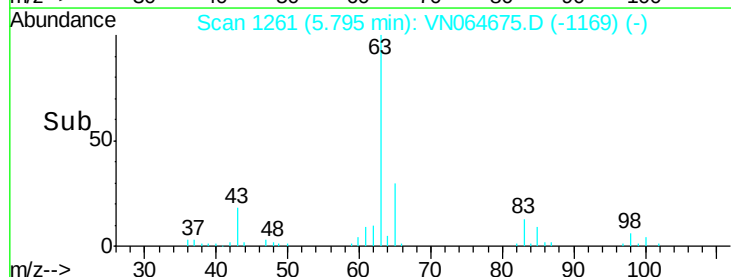
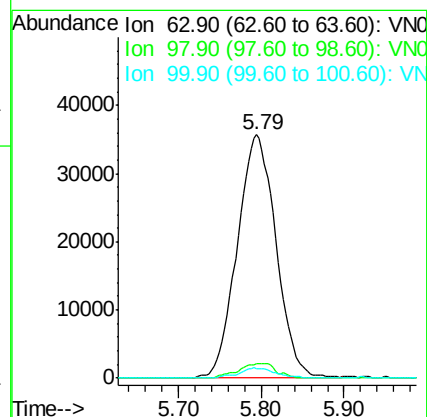
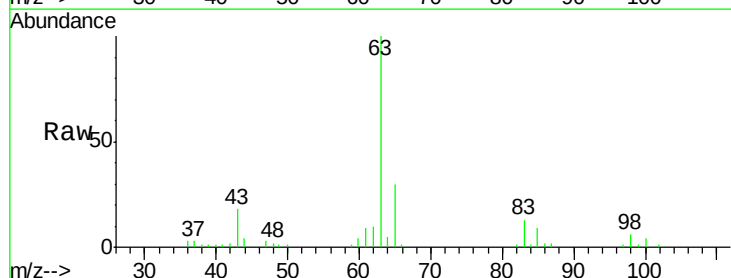
Instrument :
 MSVOA_N
 ClientSampled :
 VN1117WBSD01

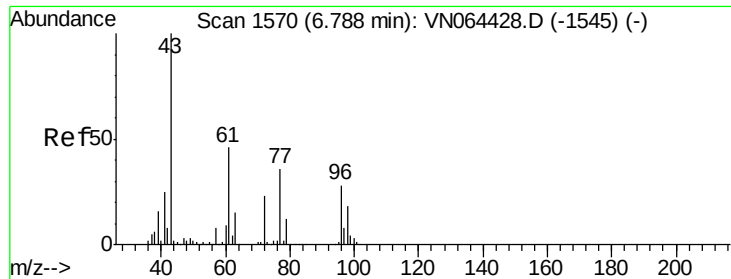
Tot Ion: 43 Resp: 801393
 Ion Ratio Lower Upper
 43 100
 86 9.3 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 17.687 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion: 63 Resp: 115948
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.2
 100 4.0 1.8 5.3





#25

2-Butanone

Concen: 81.480 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

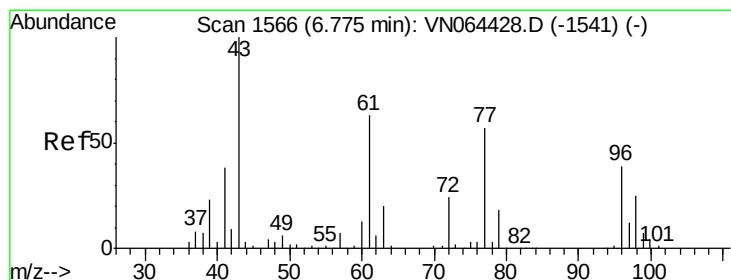
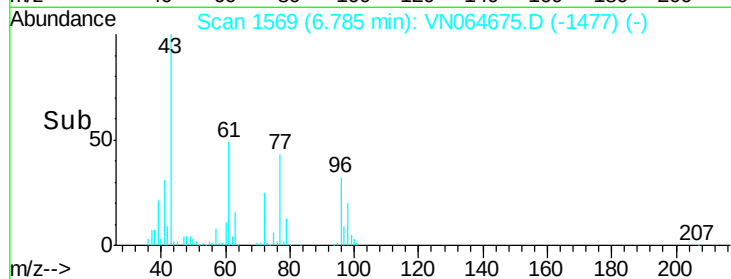
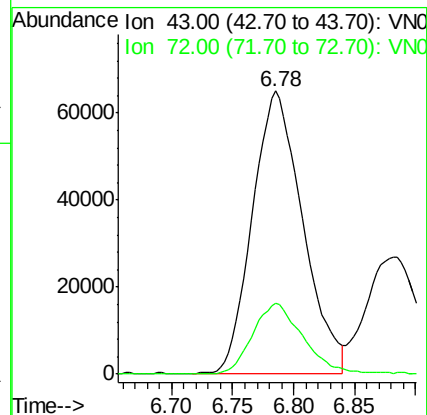
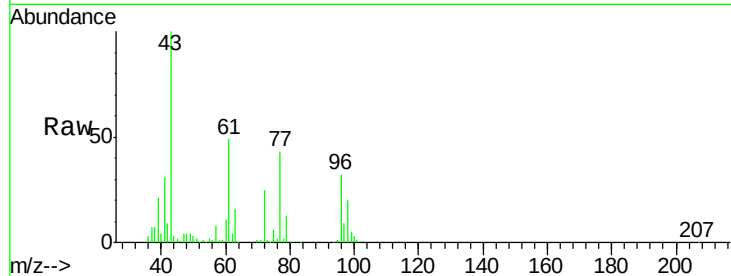
VN1117WBSD01

Tot Ion: 43 Resp: 185044

Ion Ratio Lower Upper

43 100

72 25.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.275 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN064675.D

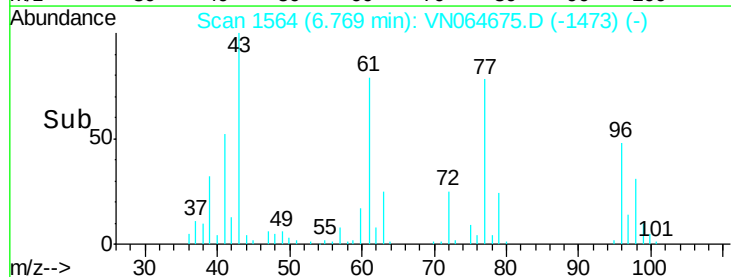
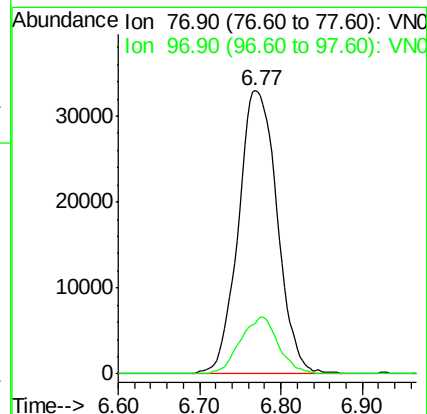
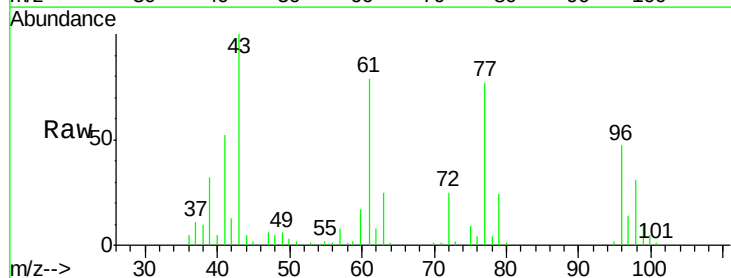
Acq: 17 Nov 2020 13:06

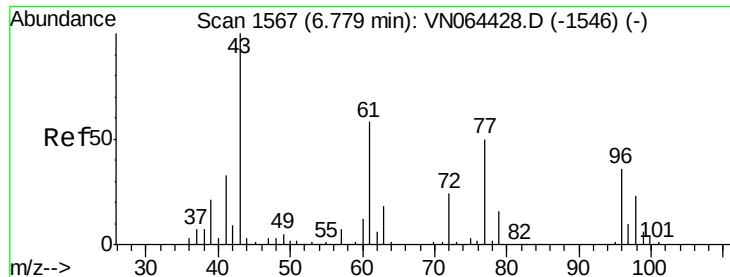
Tgt Ion: 77 Resp: 108451

Ion Ratio Lower Upper

77 100

97 19.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.140 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

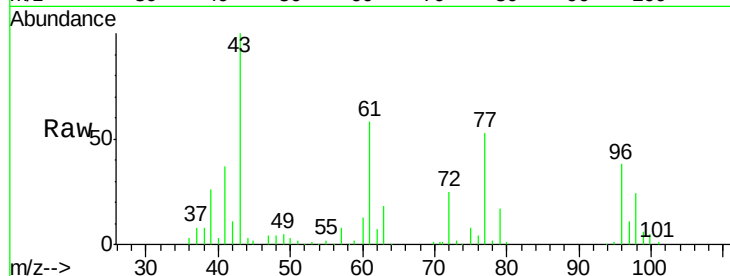
Tot Ion: 96 Resp: 64789

Ion Ratio Lower Upper

96 100

61 160.9 0.0 329.6

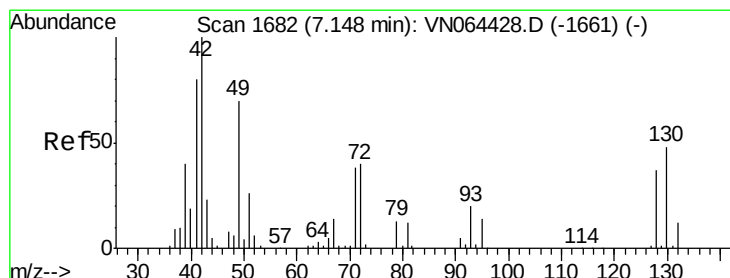
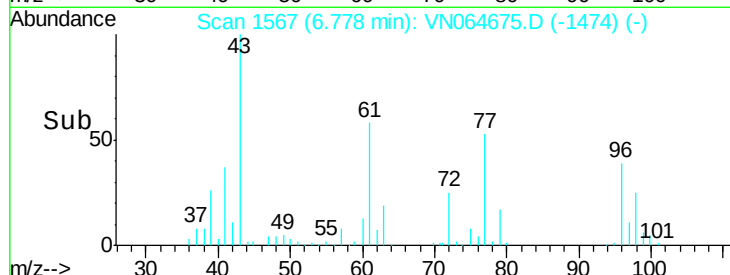
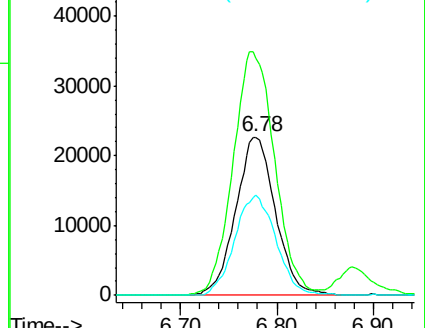
98 65.5 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#28

Bromochloromethane

Concen: 17.299 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

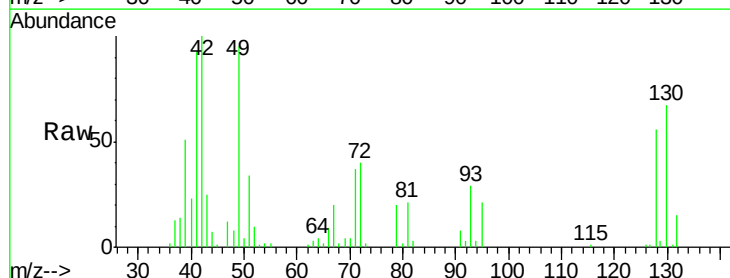
Tgt Ion: 49 Resp: 55744

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.6

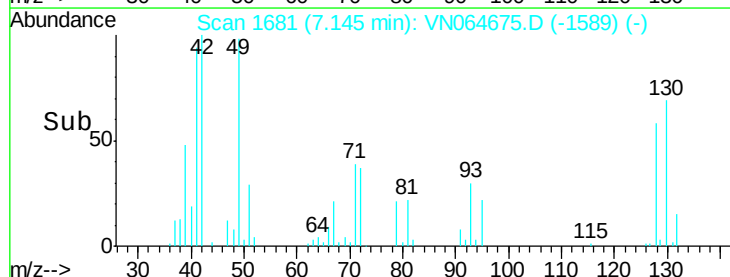
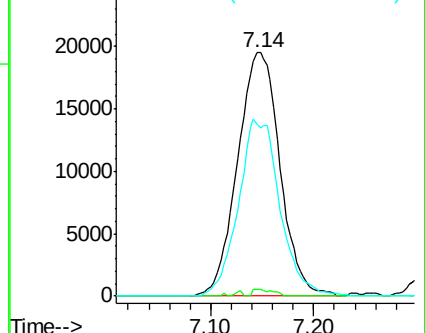
130 71.0 54.2 81.4

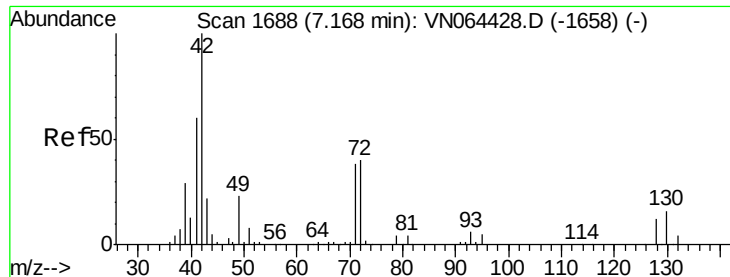


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

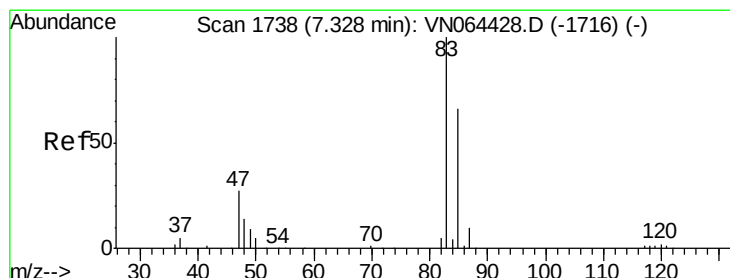
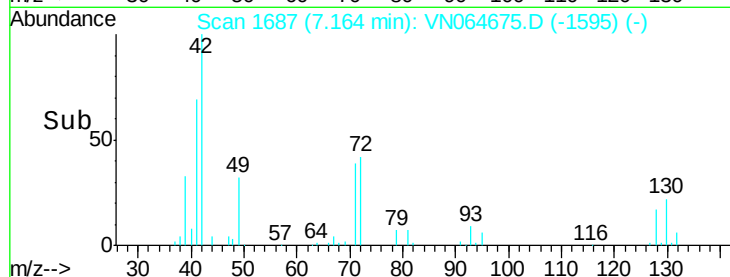
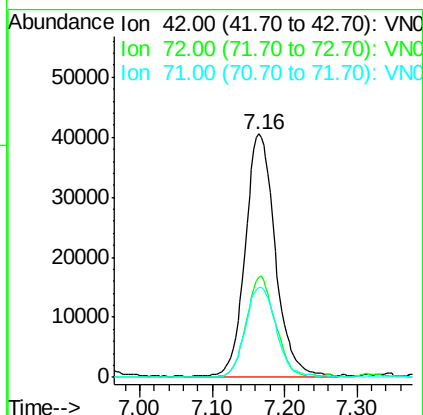
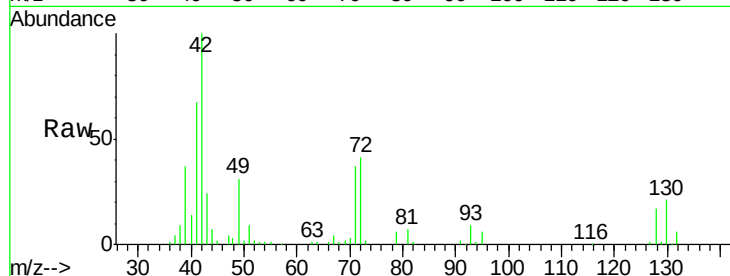




#29
Tetrahydrofuran
Concen: 84.552 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

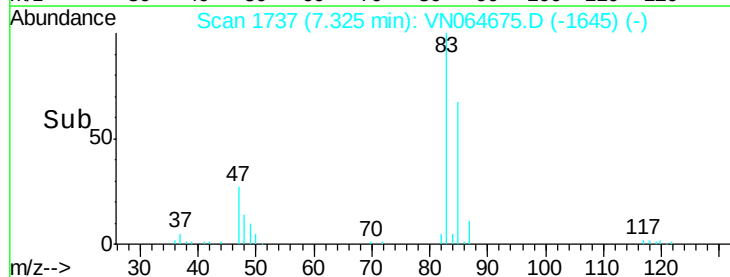
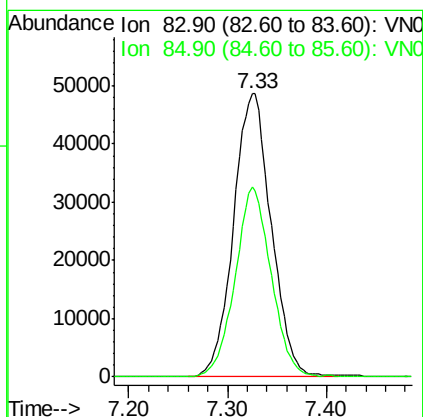
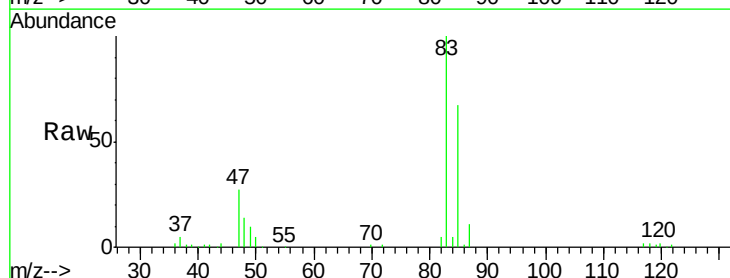
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

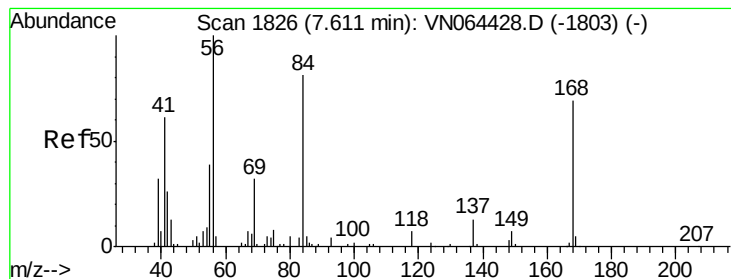
Tot Ion: 42 Resp: 117810
Ion Ratio Lower Upper
42 100
72 39.6 31.7 47.5
71 37.8 29.8 44.6



#30
Chloroform
Concen: 18.704 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion: 83 Resp: 128889
Ion Ratio Lower Upper
83 100
85 67.1 52.5 78.7





#31

Cyclohexane

Concen: 15.705 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

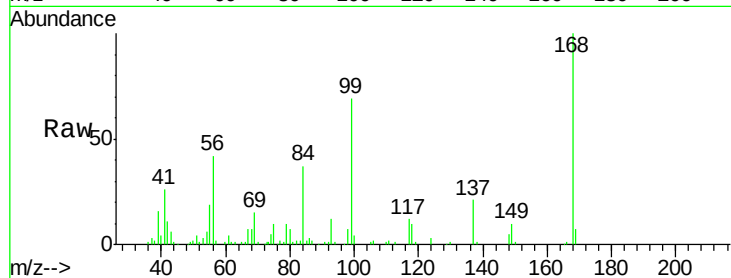
Tot Ion: 56 Resp: 89332

Ion Ratio Lower Upper

56 100

69 35.7 25.6 38.4

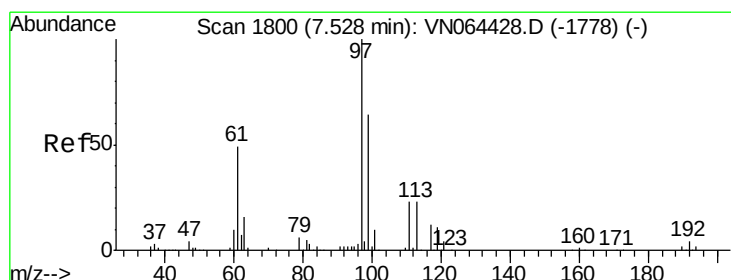
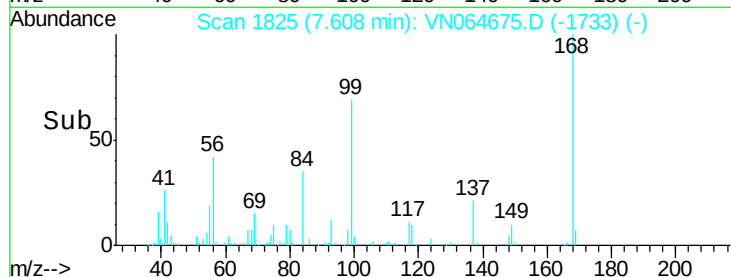
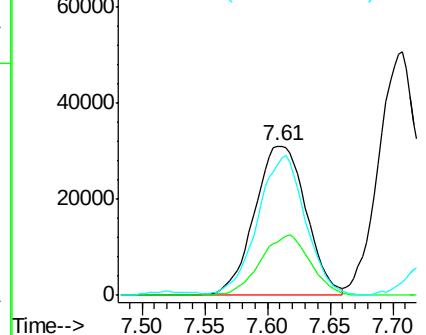
84 85.4 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064675.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064675.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064675.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 18.543 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

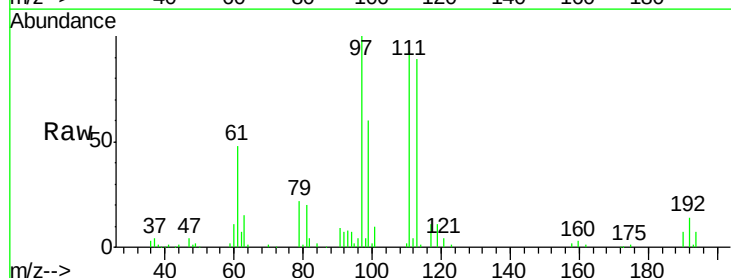
Tgt Ion: 97 Resp: 113334

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

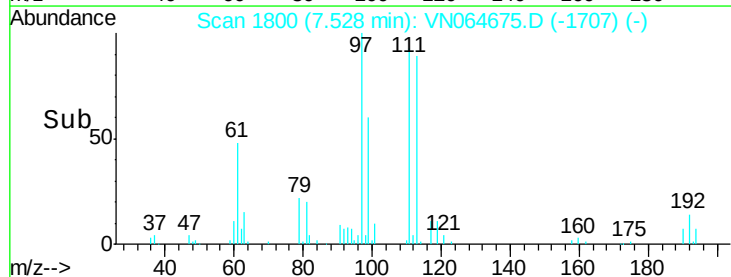
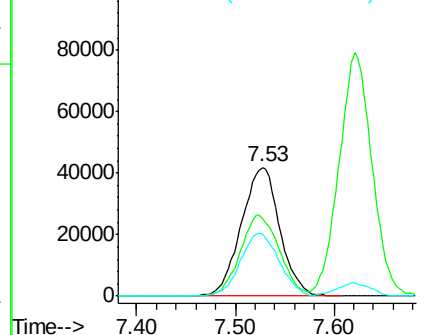
61 48.8 39.1 58.7

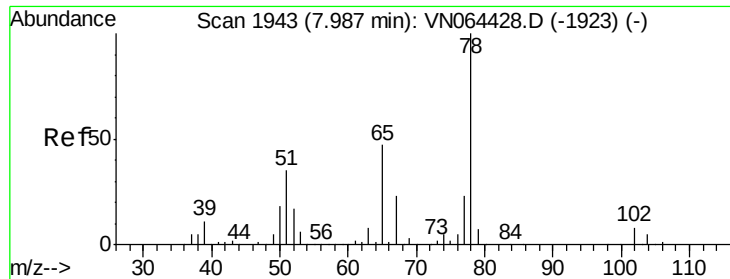


Abundance Ion 96.90 (96.60 to 97.60): VN064675.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064675.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064675.D (-1707) (-)

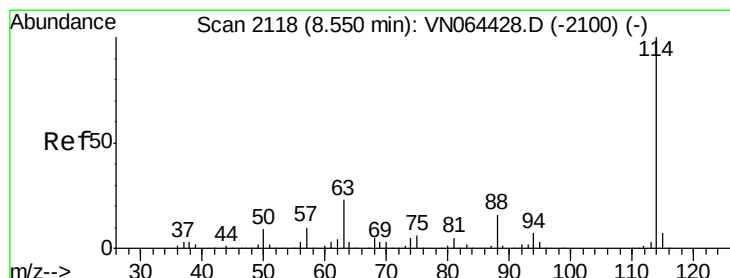
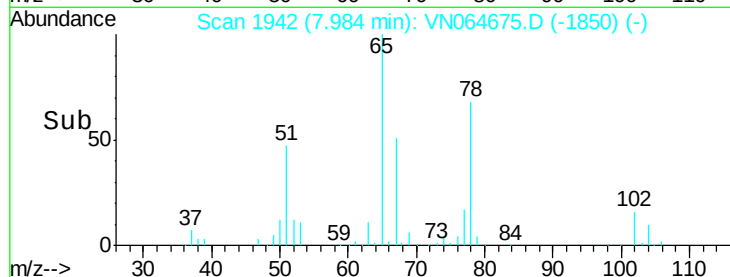
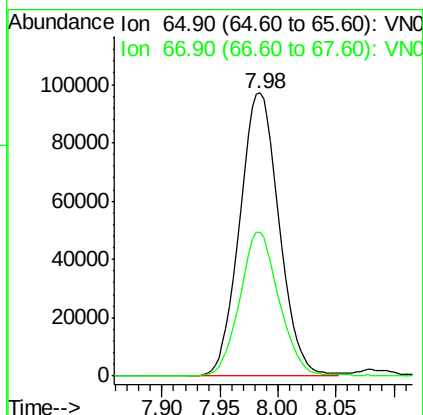
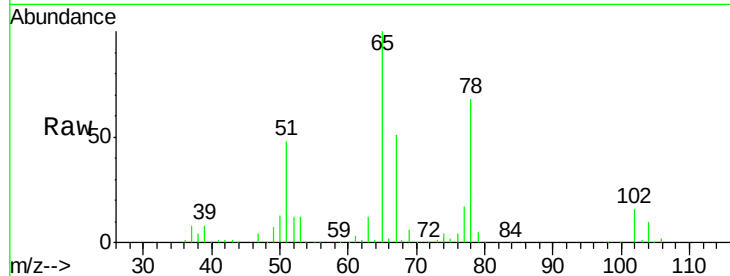




#33
 1,2-Dichloroethane-d4
 Concen: 49.208 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

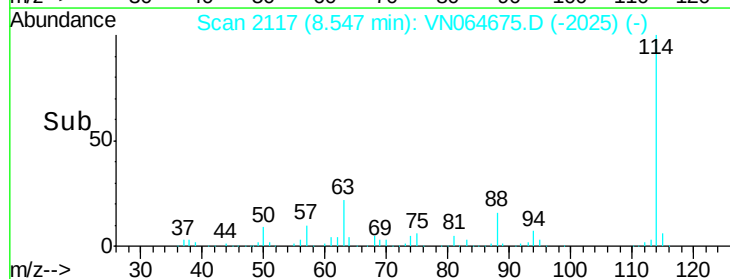
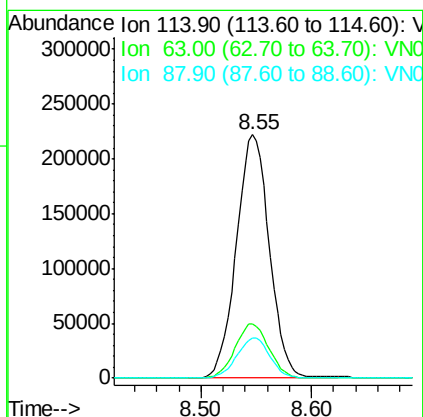
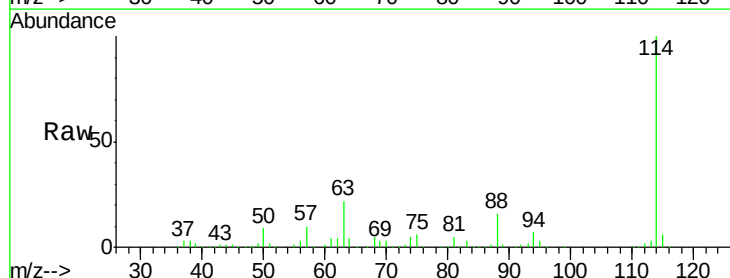
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

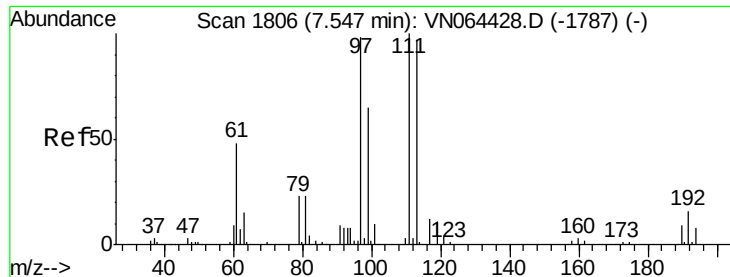
Tot Ion: 65 Resp: 230256
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion: 114 Resp: 461236
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.6
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.618 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

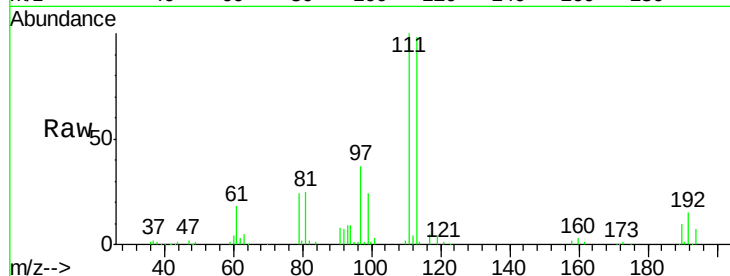
Tot Ion:113 Resp: 162100

Ion Ratio Lower Upper

113 100

111 104.2 81.1 121.7

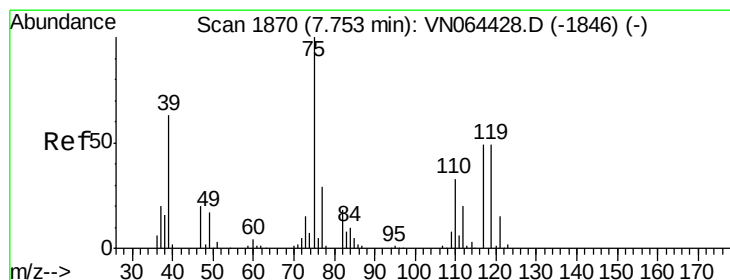
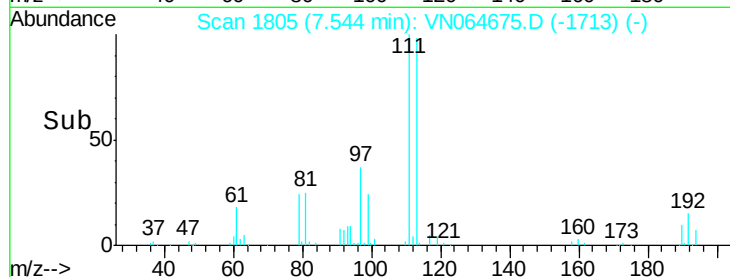
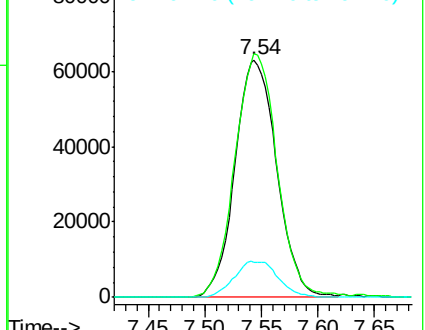
192 15.9 12.8 19.2



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: 17.869 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

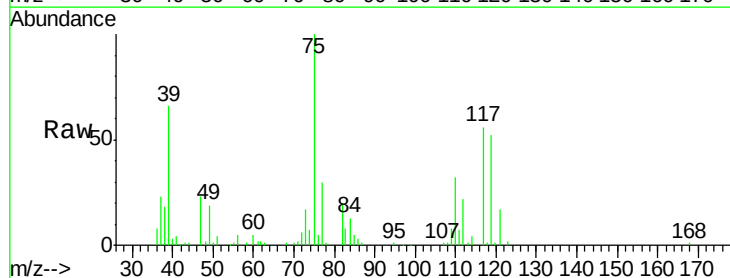
Tgt Ion: 75 Resp: 87071

Ion Ratio Lower Upper

75 100

110 31.8 16.0 48.0

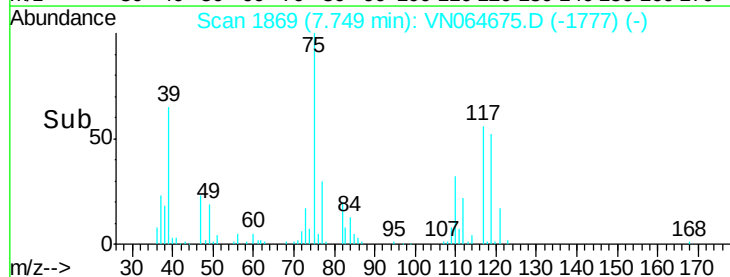
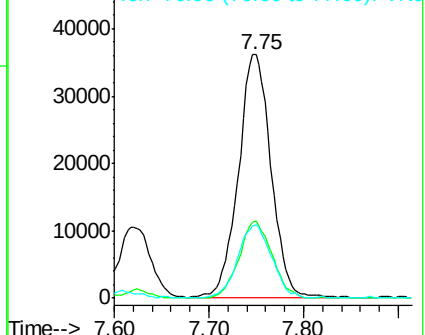
77 31.1 24.0 36.0

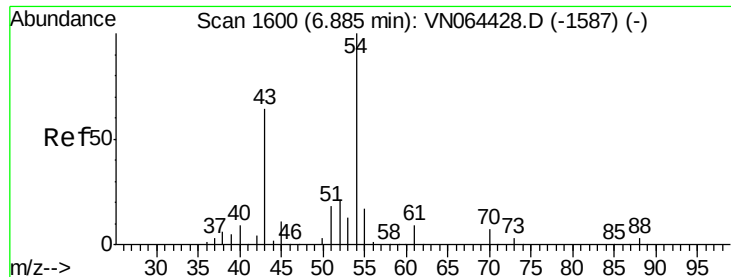


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

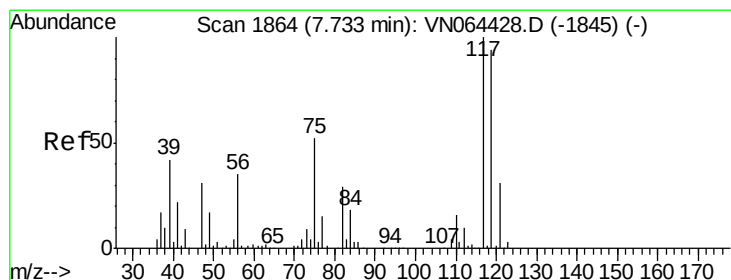
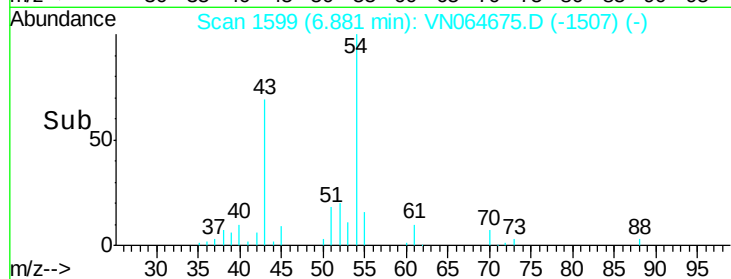
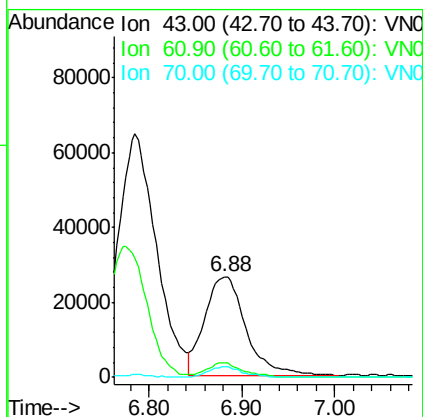
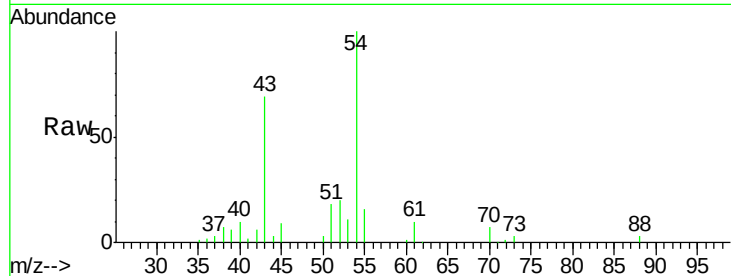




#37
Ethyl Acetate
Concen: 17.294 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

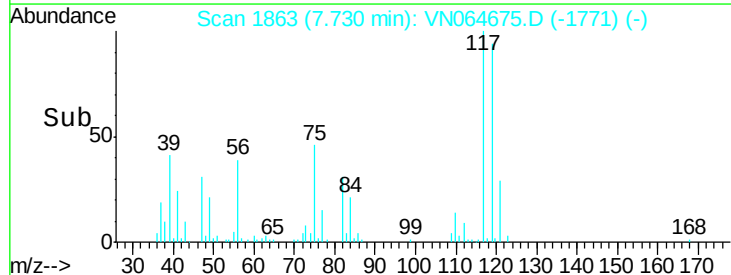
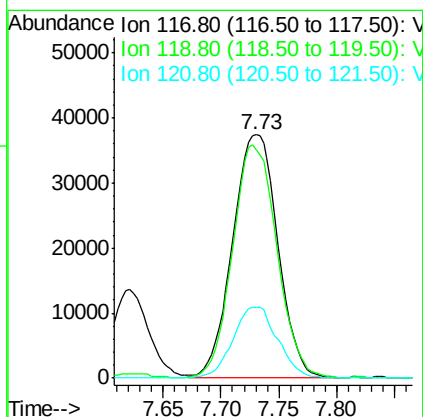
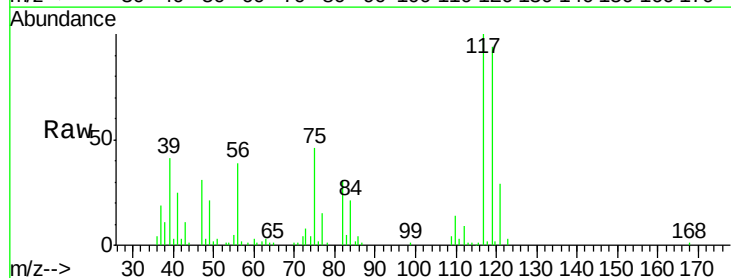
Instrument :
MSVOA_N
ClientSampled :
VN1117WBSD01

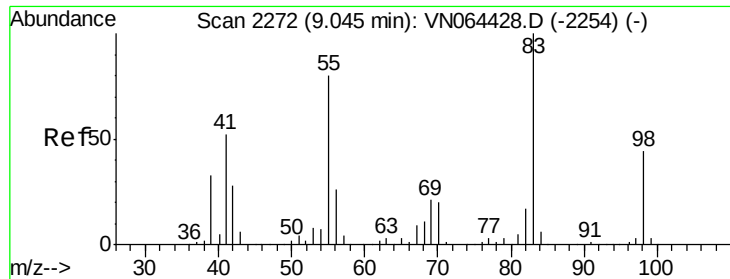
Tot Ion: 43 Resp: 83024
Ion Ratio Lower Upper
43 100
61 11.7 10.0 15.0
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.572 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion: 117 Resp: 101926
Ion Ratio Lower Upper
117 100
119 93.1 75.5 113.3
121 29.3 24.4 36.6

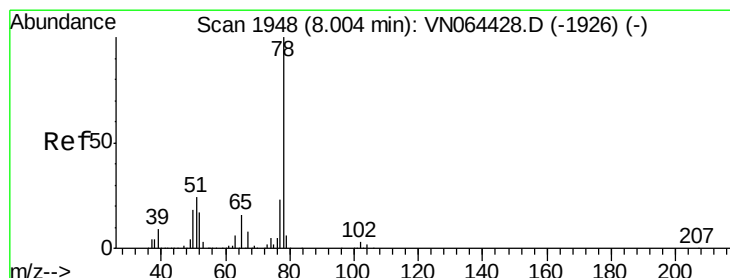
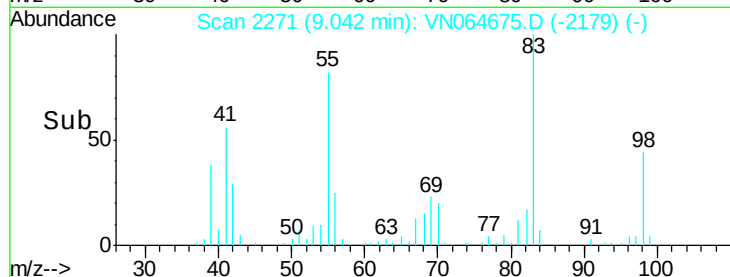
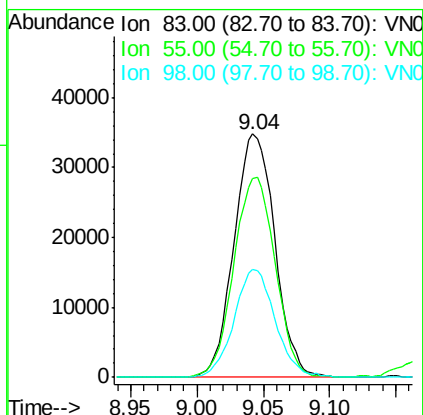
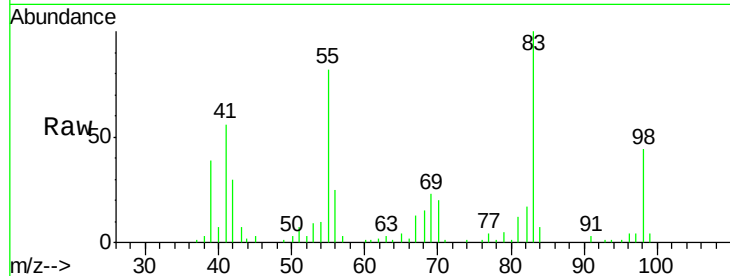




#39
Methylvlcyclohexane
Concen: 17.036 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

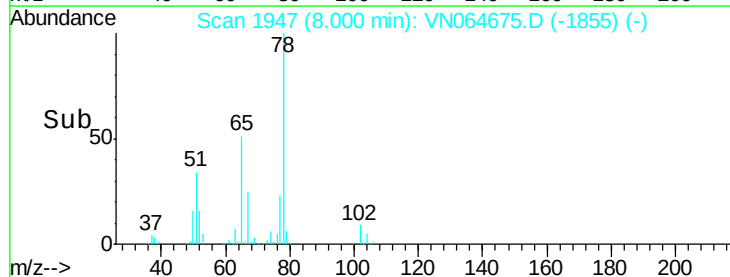
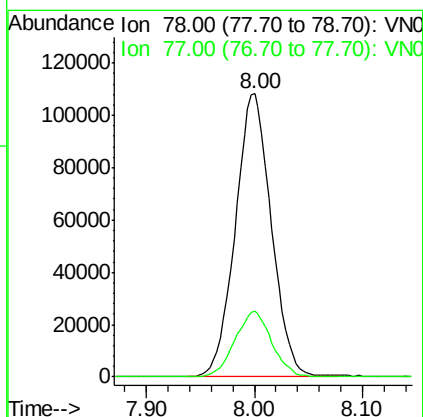
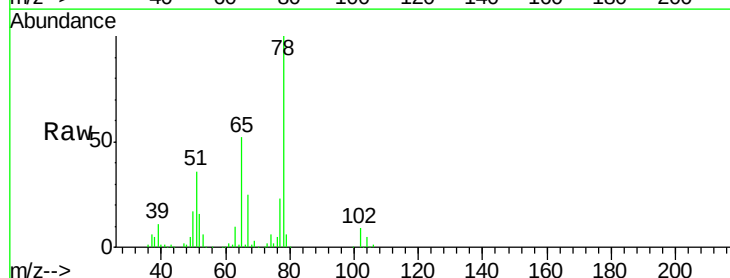
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

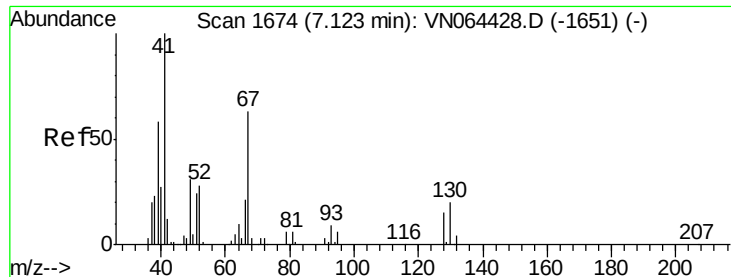
Tot Ion: 83 Resp: 74412
Ion Ratio Lower Upper
83 100
55 81.8 63.8 95.6
98 44.1 35.4 53.2



#40
Benzene
Concen: 17.574 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion: 78 Resp: 251634
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





#41

Methacrylonitrile

Concen: 54.109 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tot Ion: 41 Resp: 116891

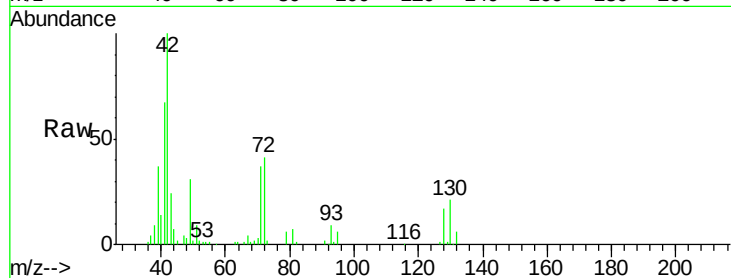
Ion Ratio Lower Upper

41 100

39 29.3 50.0 75.0#

67 0.0 68.3 102.5#

52 0.0 32.7 49.1#

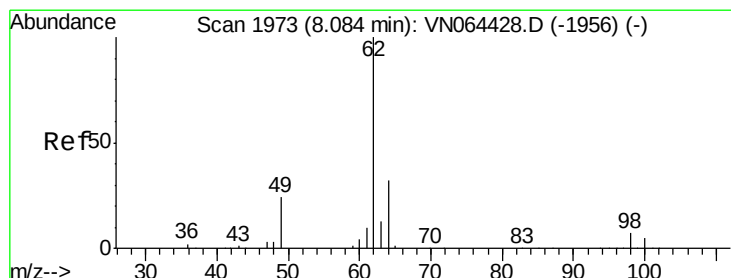
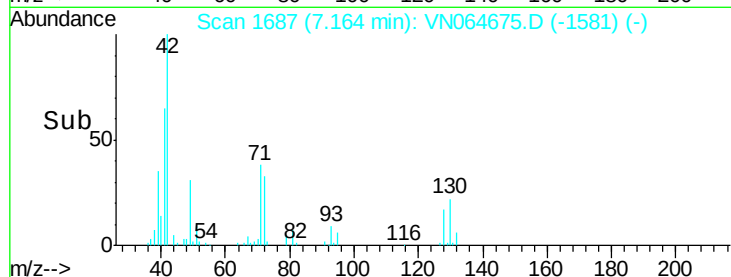
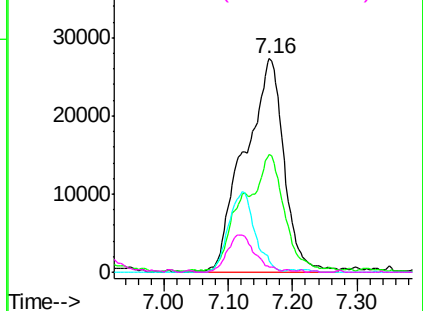


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.129 ug/l

RT: 8.08 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VN064675.D

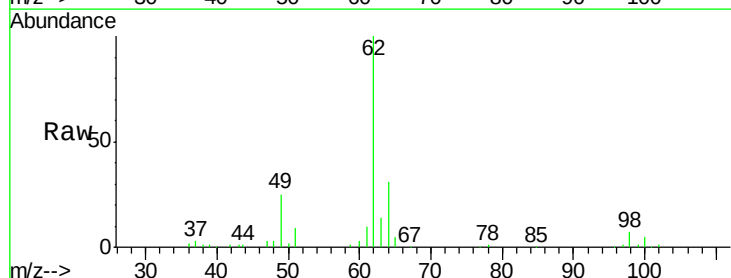
Acq: 17 Nov 2020 13:06

Tgt Ion: 62 Resp: 110531

Ion Ratio Lower Upper

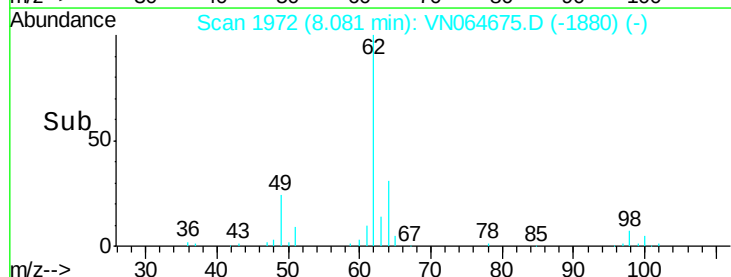
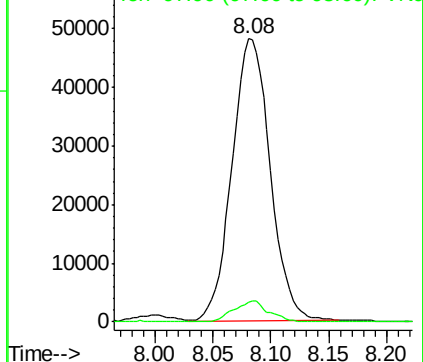
62 100

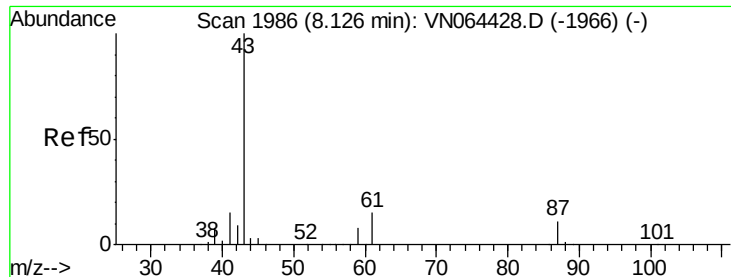
98 6.8 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.368 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

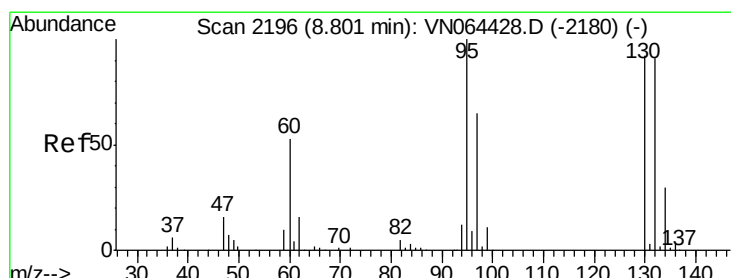
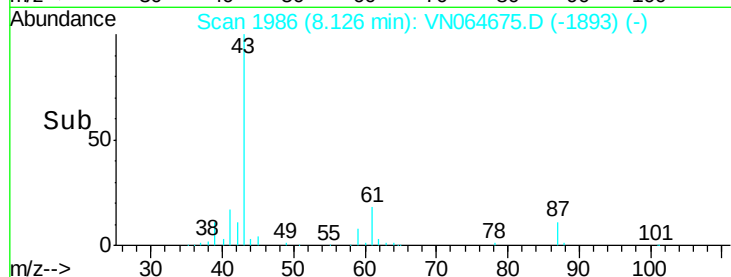
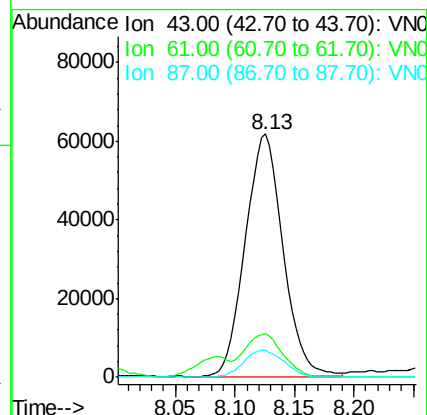
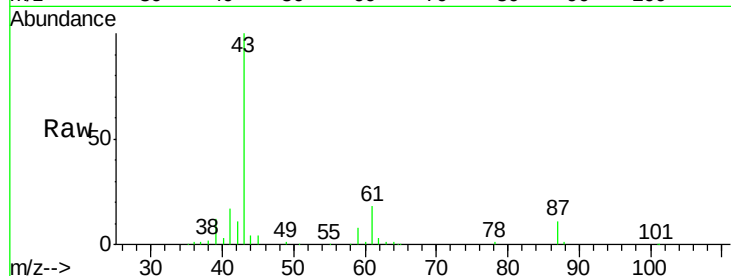
Tot Ion: 43 Resp: 137145

Ion Ratio Lower Upper

43 100

61 18.7 14.0 21.0

87 11.9 9.1 13.7



#44

Trichloroethene

Concen: 17.383 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064675.D

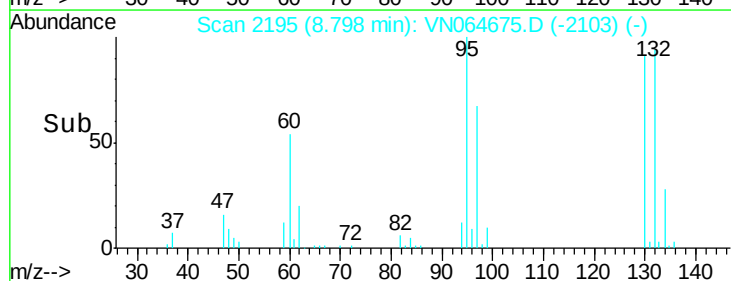
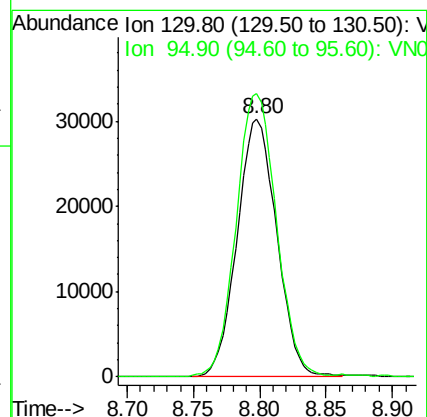
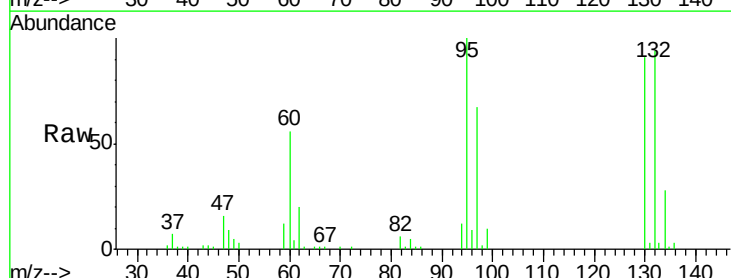
Acq: 17 Nov 2020 13:06

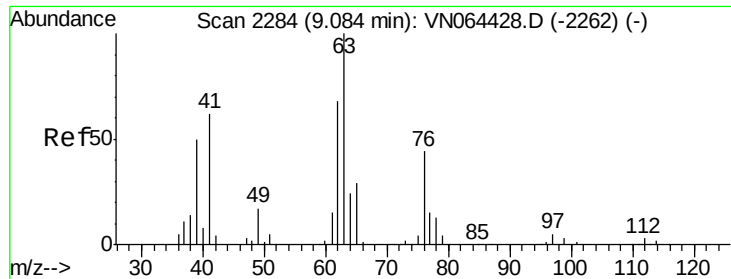
Tgt Ion:130 Resp: 62795

Ion Ratio Lower Upper

130 100

95 108.9 0.0 216.8

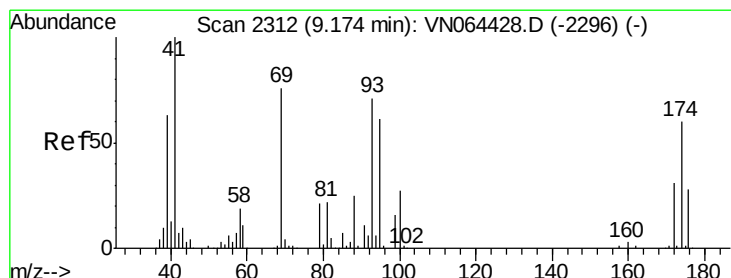
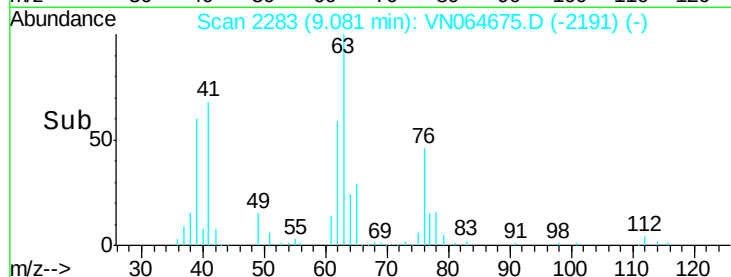
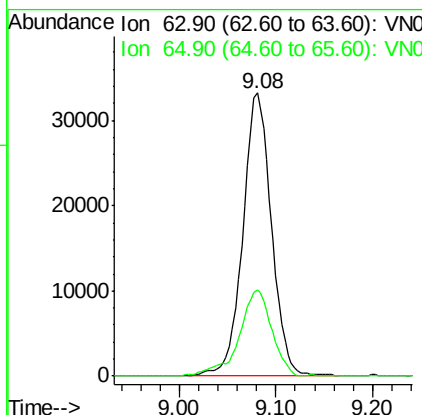
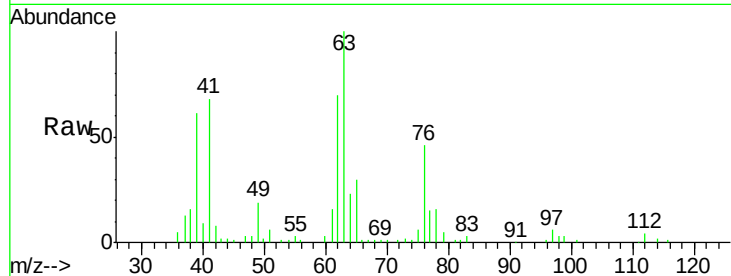




#45
 1,2-Dichloropropane
 Concen: 17.878 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

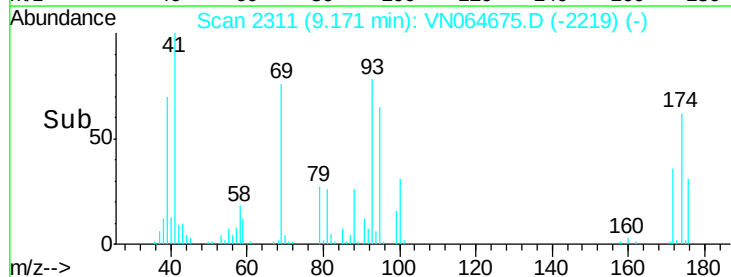
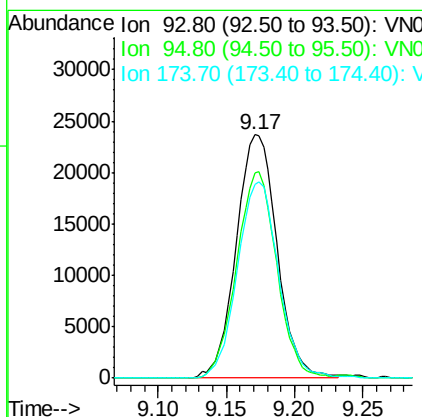
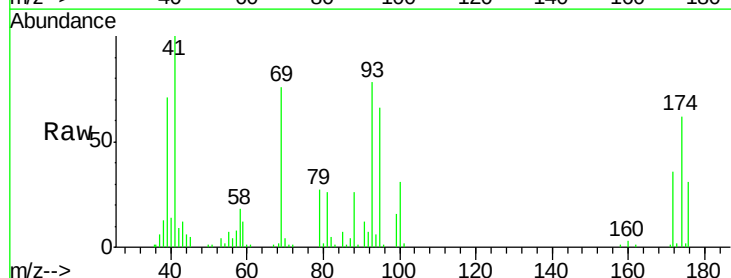
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

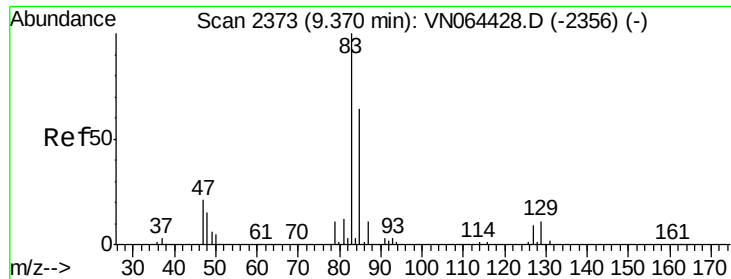
Tot Ion: 63 Resp: 68303
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.6 35.4



#46
 Dibromomethane
 Concen: 19.580 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion: 93 Resp: 49242
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 81.2 67.2 100.8





#47

Bromodichloromethane

Concen: 19.259 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

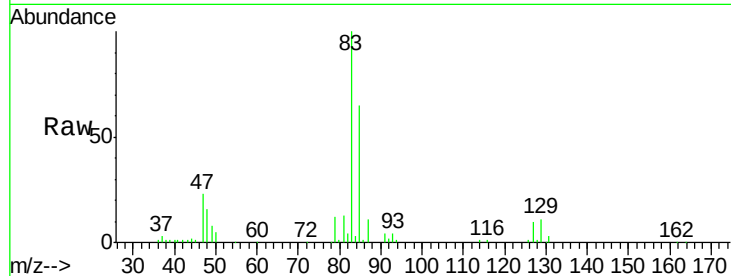
Tot Ion: 83 Resp: 104149

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

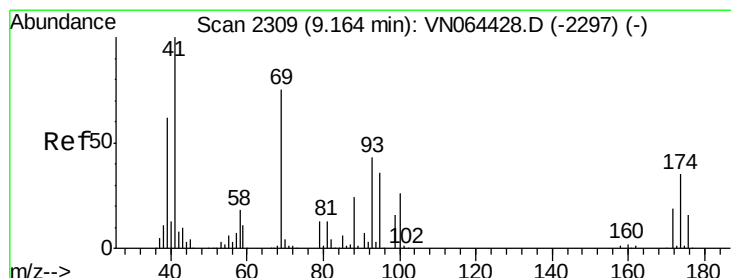
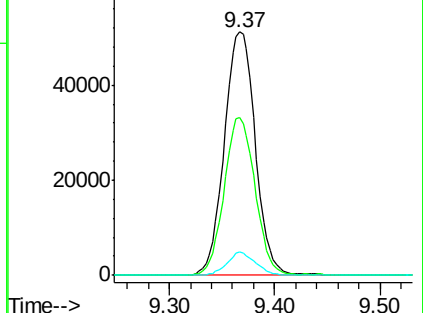
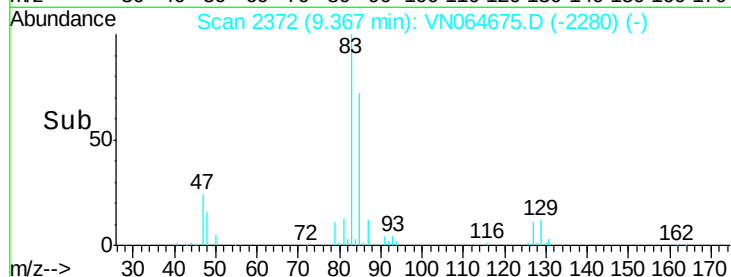
127 9.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064675.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064675.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064675.D (-2280) (-)



#48

Methyl methacrylate

Concen: 16.190 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

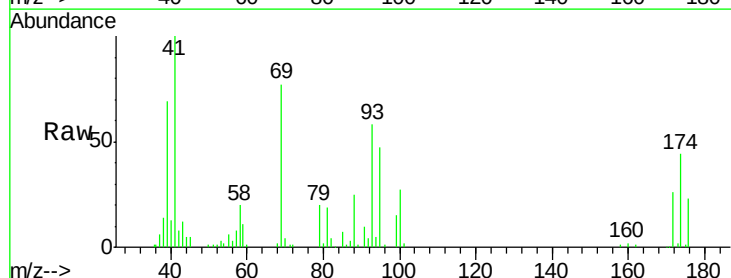
Tgt Ion: 41 Resp: 64511

Ion Ratio Lower Upper

41 100

69 79.5 60.4 90.6

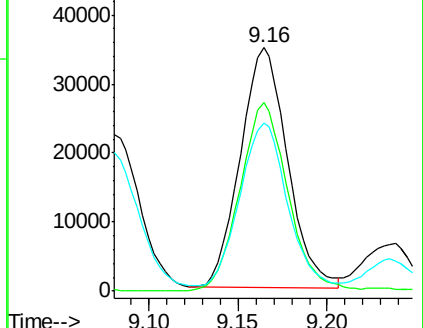
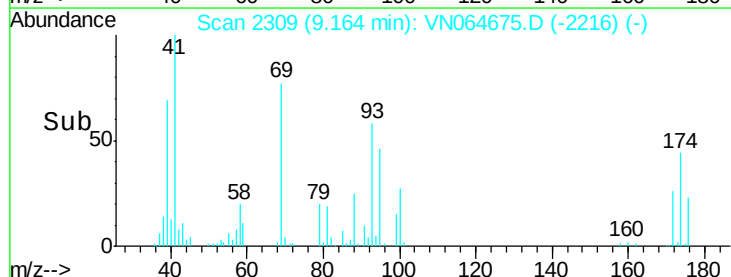
39 71.3 51.2 76.8

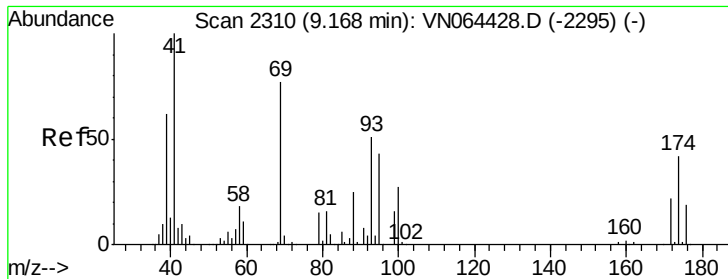


Abundance Ion 41.00 (40.70 to 41.70): VN064675.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064675.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064675.D (-2216) (-)





#49

1,4-Dioxane

Concen: 355.011 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

VN1117WBSD01

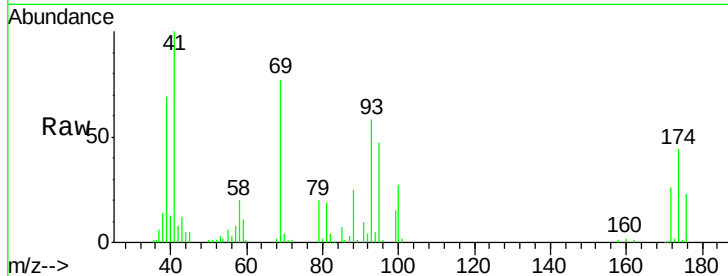
Tot Ion: 88 Resp: 18632

Ion Ratio Lower Upper

88 100

43 43.4 31.0 46.6

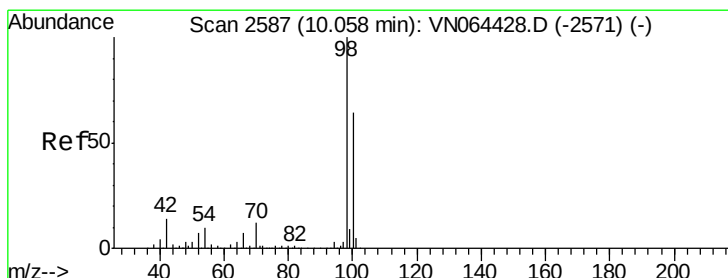
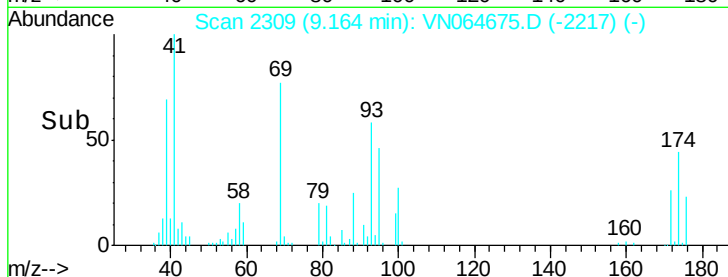
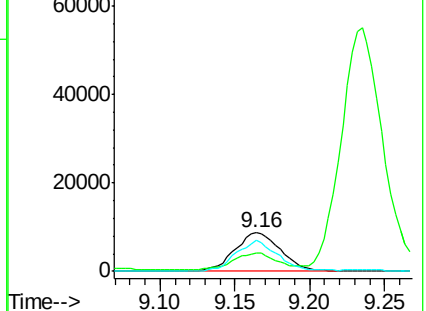
58 72.0 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064428.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2295) (-)



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064675.D

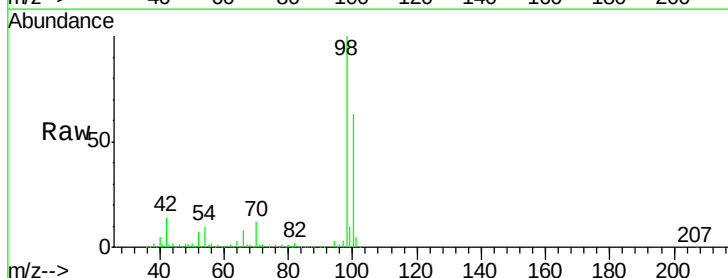
Acq: 17 Nov 2020 13:06

Tgt Ion: 98 Resp: 593239

Ion Ratio Lower Upper

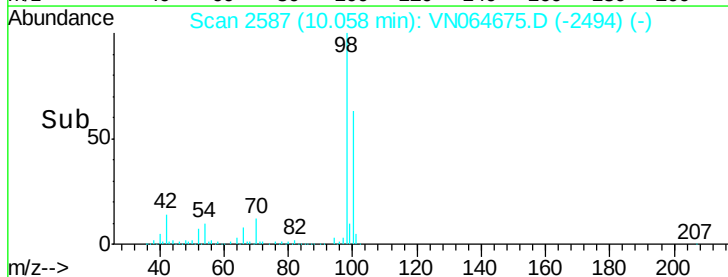
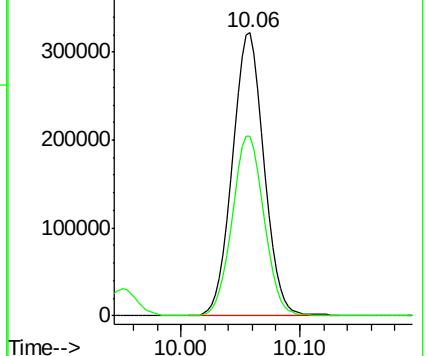
98 100

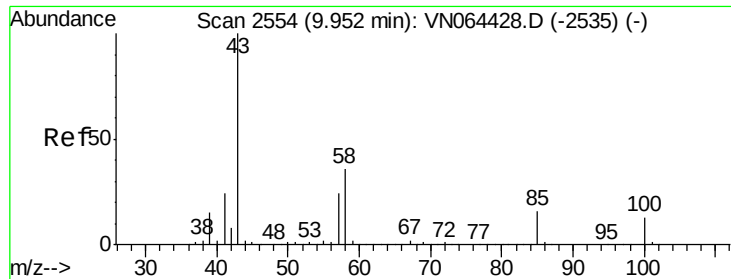
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 89.076 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

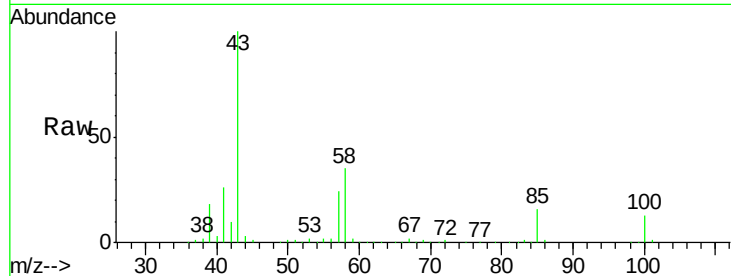
VN1117WBSD01

Tot Ion: 43 Resp: 410199

Ion Ratio Lower Upper

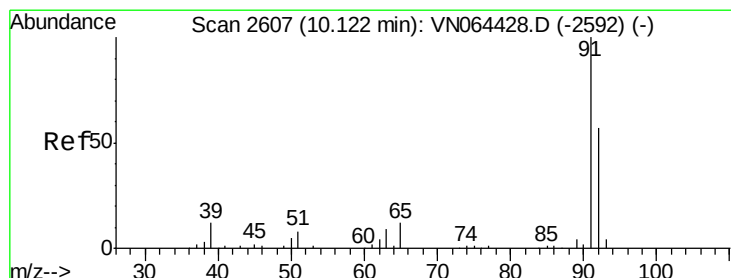
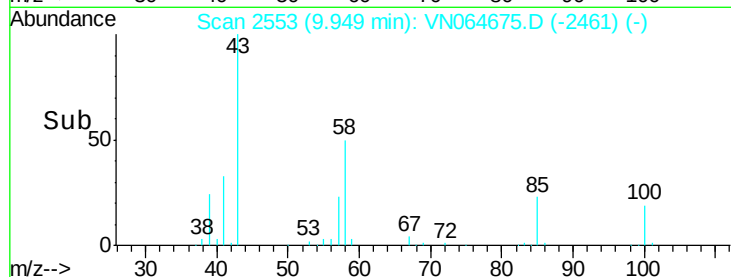
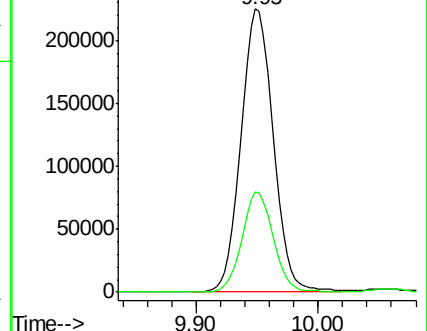
43 100

58 34.4 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.037 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064675.D

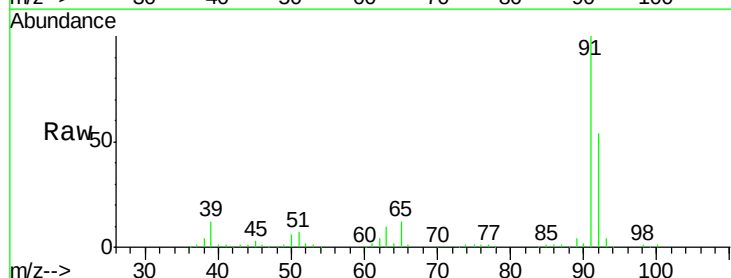
Acq: 17 Nov 2020 13:06

Tgt Ion: 92 Resp: 157512

Ion Ratio Lower Upper

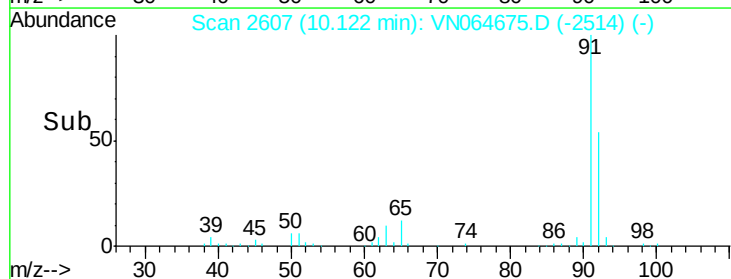
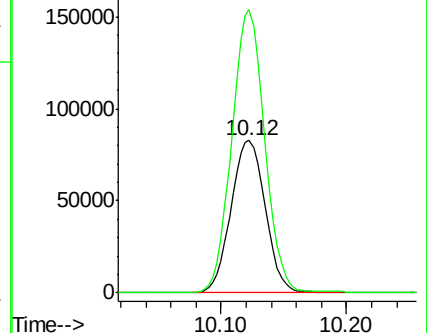
92 100

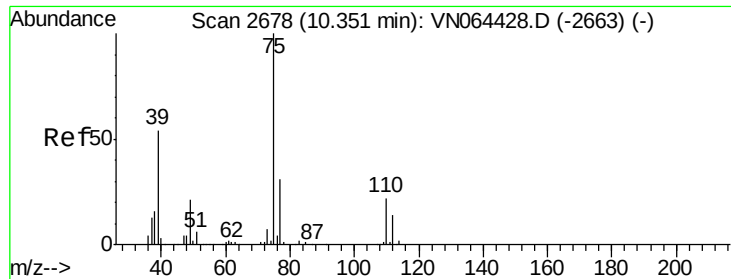
91 177.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.638 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

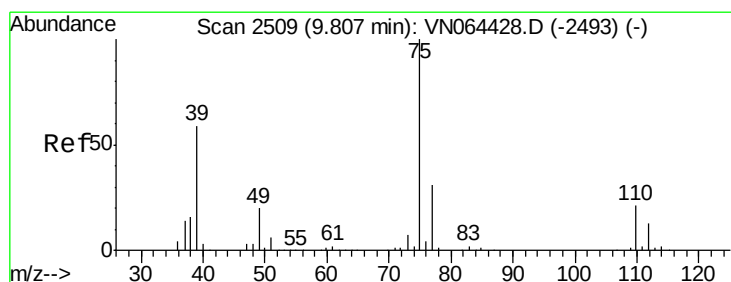
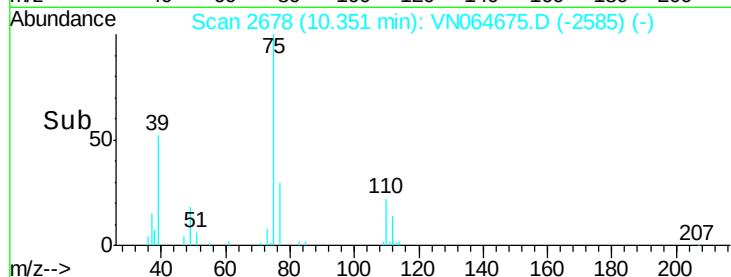
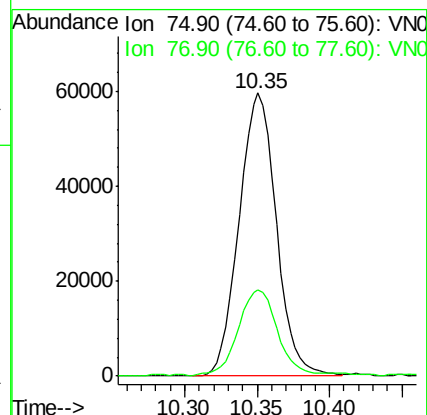
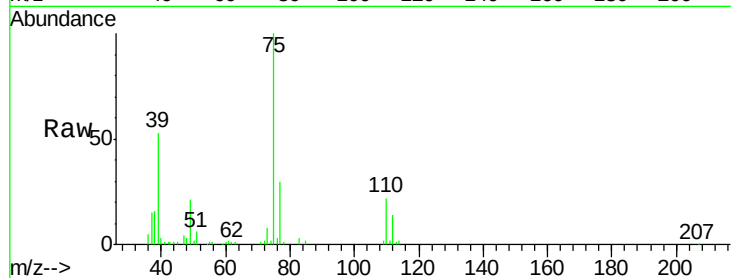
VN1117WBSD01

Tot Ion: 75 Resp: 106855

Ion Ratio Lower Upper

75 100

77 30.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 17.907 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

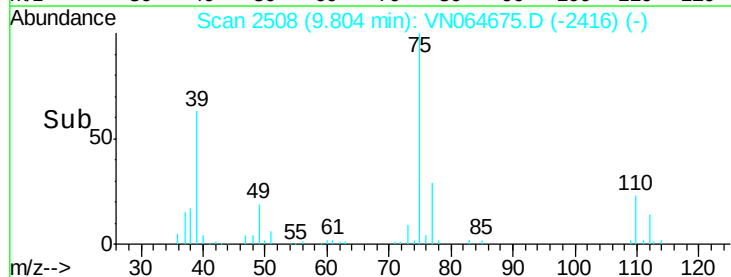
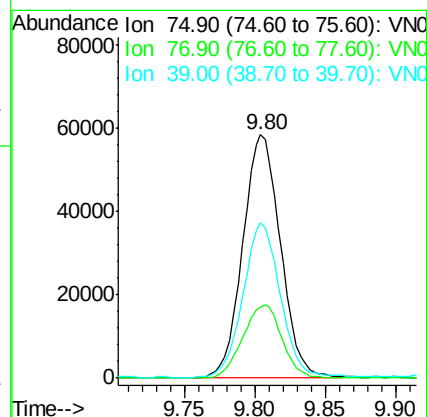
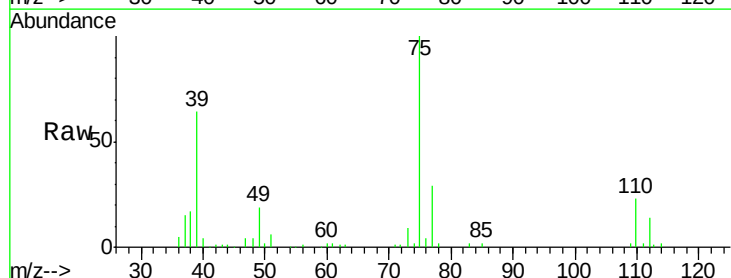
Tgt Ion: 75 Resp: 109766

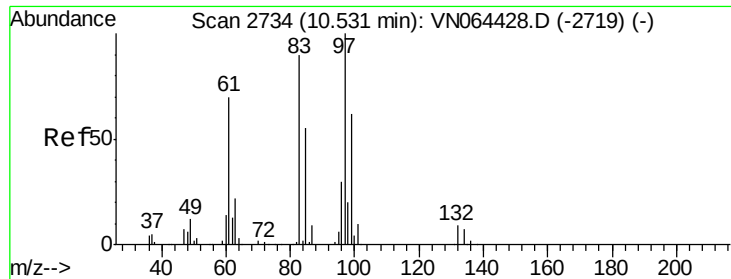
Ion Ratio Lower Upper

75 100

77 29.3 24.9 37.3

39 63.2 47.1 70.7

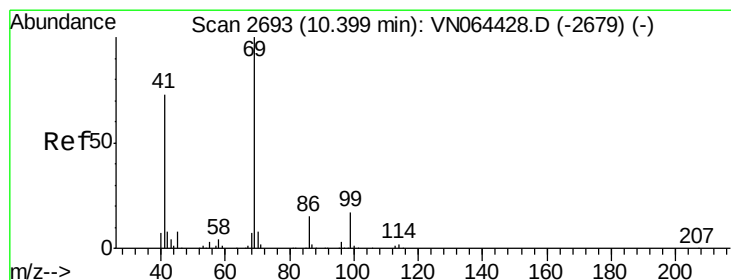
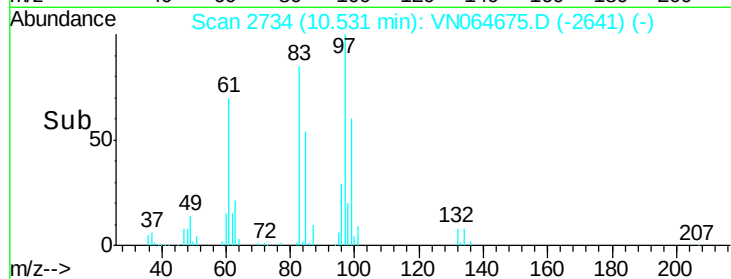
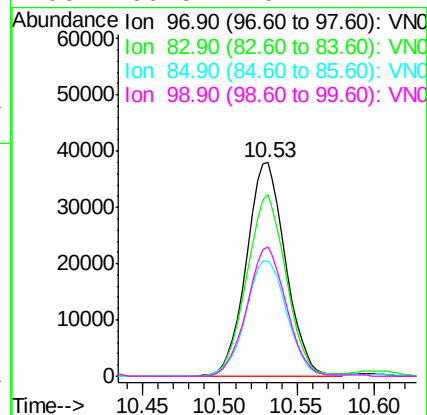
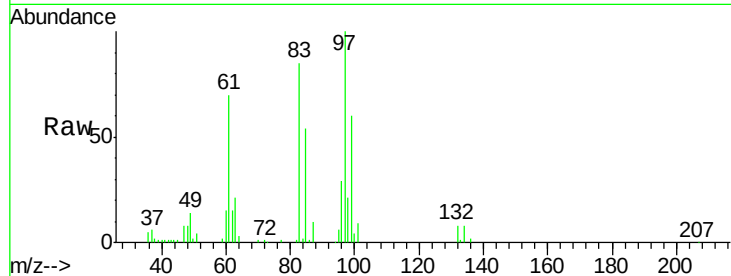




#55
 1,1,2-Trichloroethane
 Concen: 19.725 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

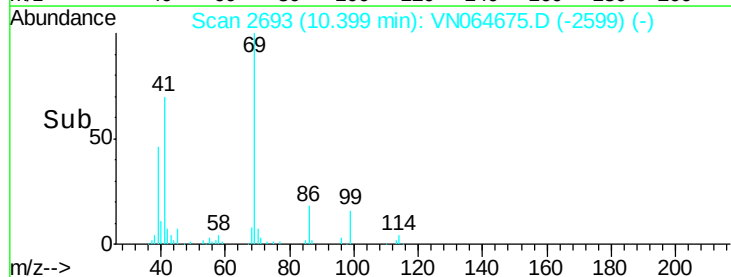
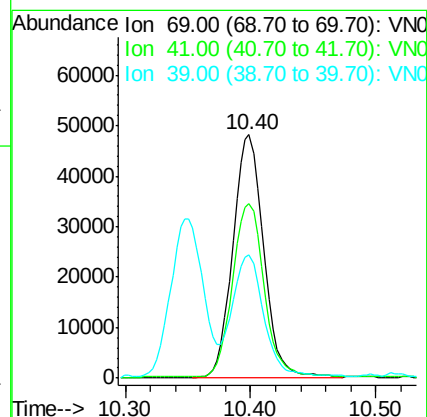
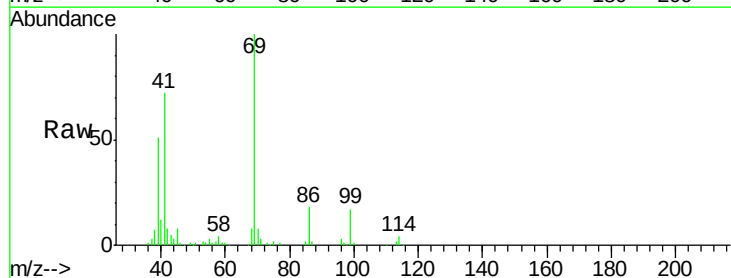
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

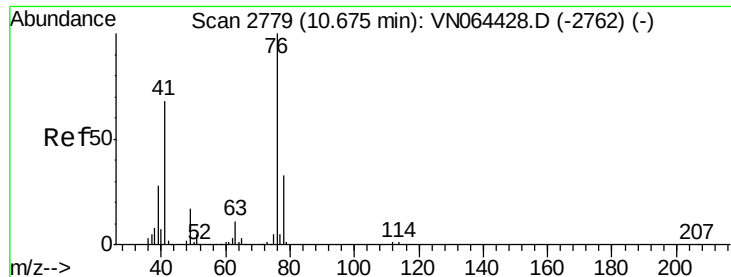
Tot Ion:	97	Resp:	67181
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.7	107.5
85	54.2	44.3	66.5
99	60.5	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 16.010 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion:	69	Resp:	82429
Ion	Ratio	Lower	Upper
69	100		
41	73.2	59.3	88.9
39	50.6	35.4	53.0

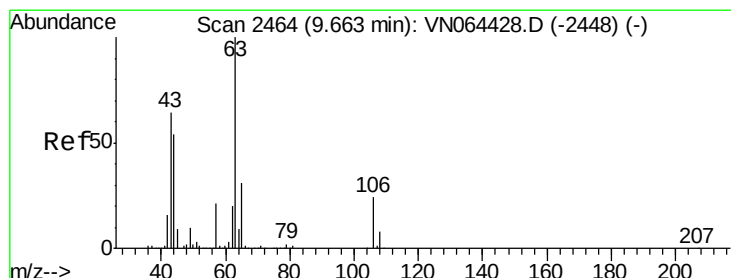
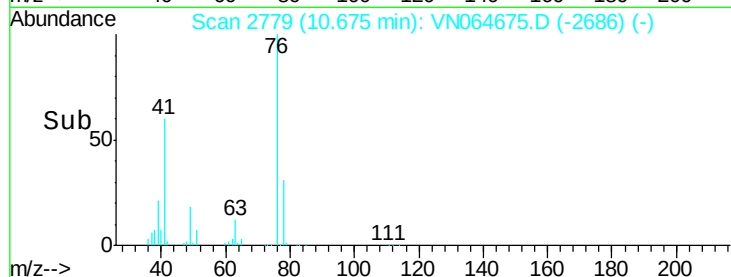
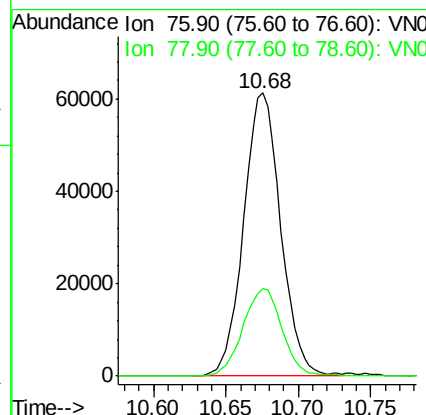
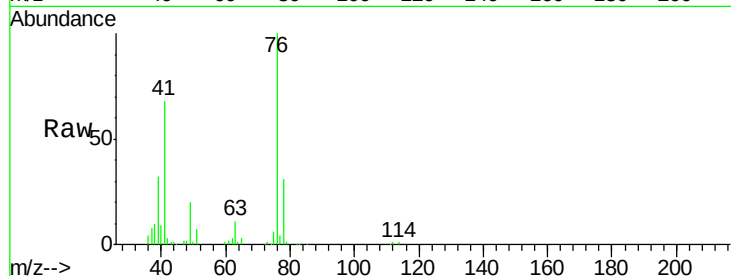




#57
 1,3-Dichloropropane
 Concen: 18.378 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

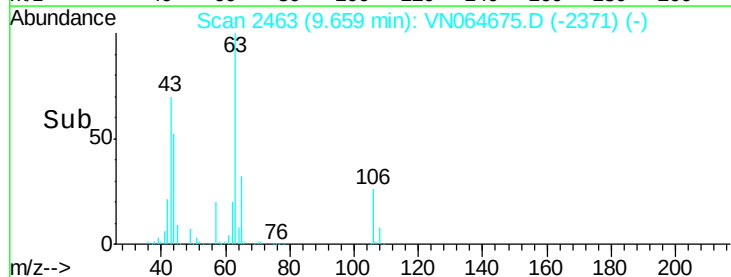
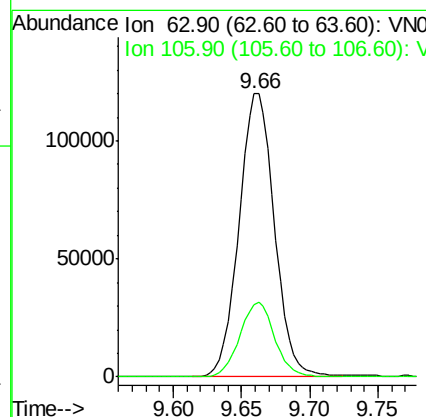
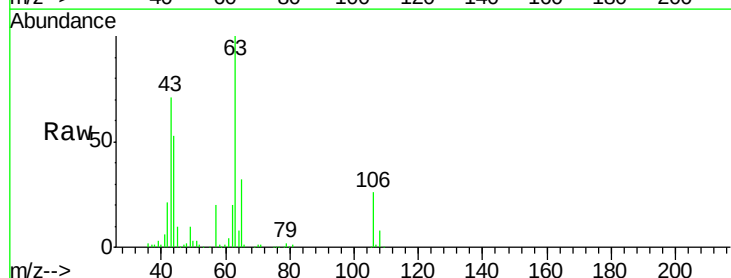
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

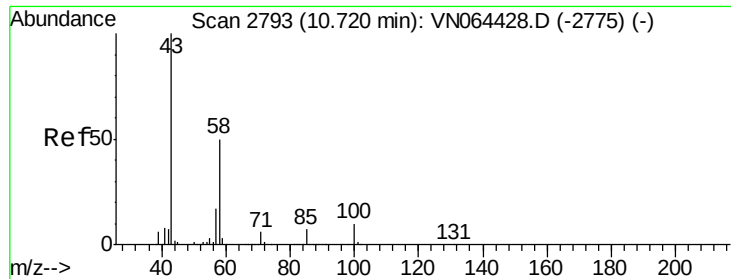
Tot Ion: 76 Resp: 109251
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.100 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion: 63 Resp: 216035
 Ion Ratio Lower Upper
 63 100
 106 26.0 19.5 29.3

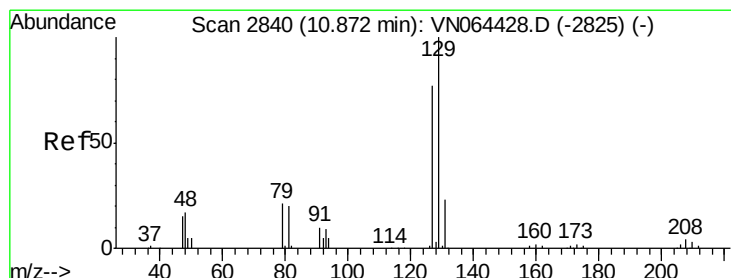
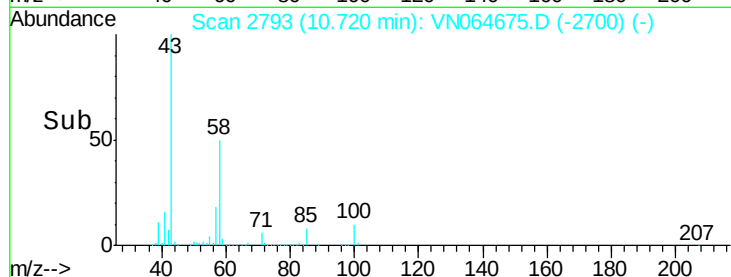
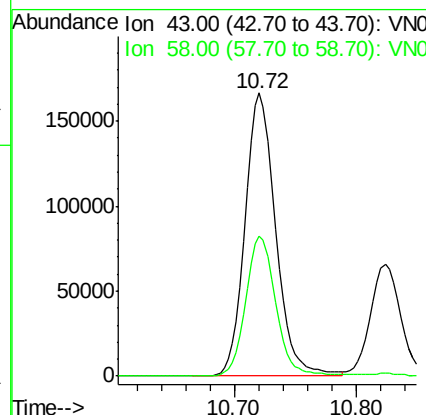
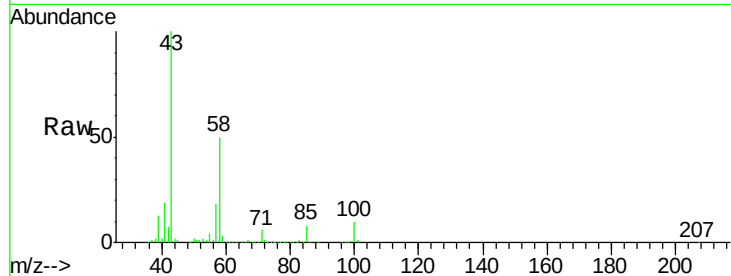




#59
2-Hexanone
Concen: 79.235 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

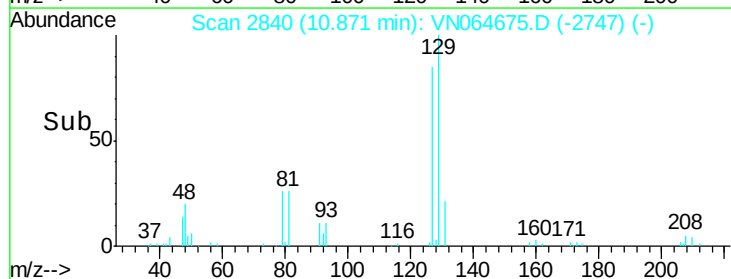
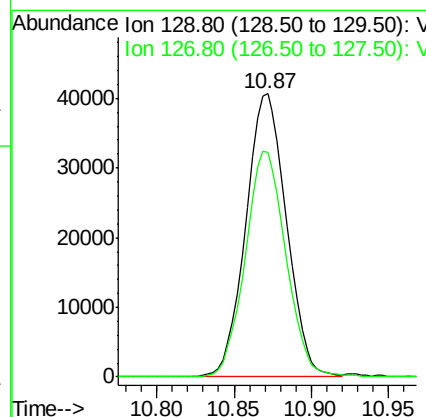
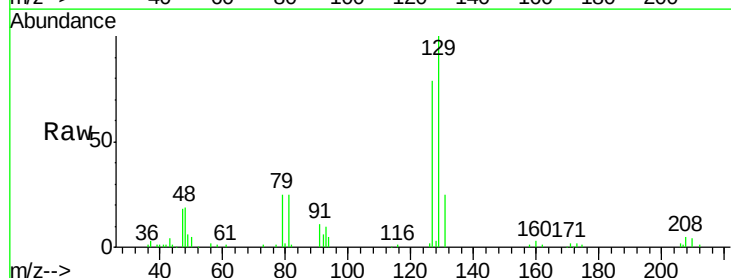
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

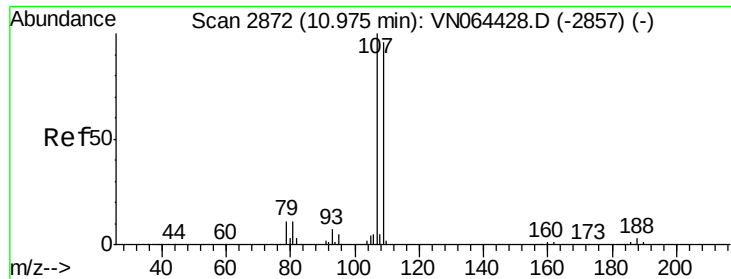
Tot Ion: 43 Resp: 287035
Ion Ratio Lower Upper
43 100
58 48.8 24.7 74.1



#60
Dibromochloromethane
Concen: 19.482 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion: 129 Resp: 74289
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.7

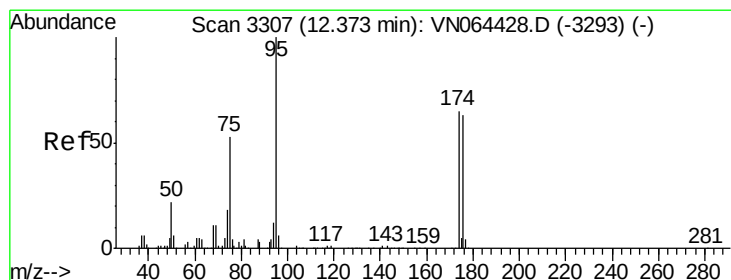
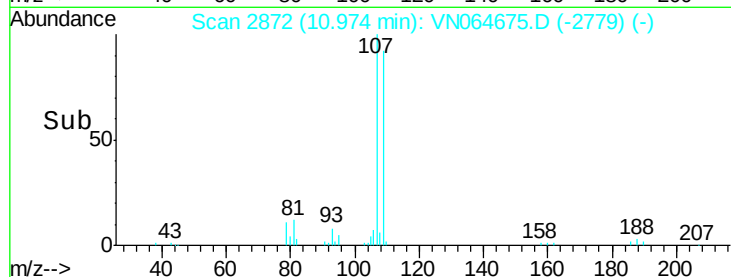
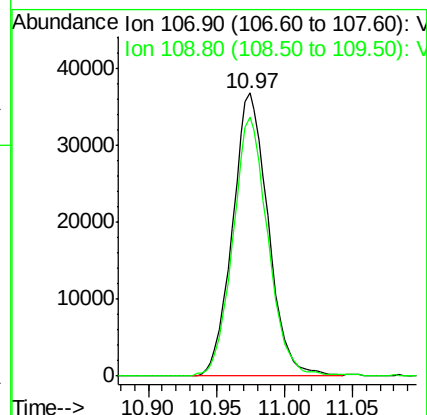
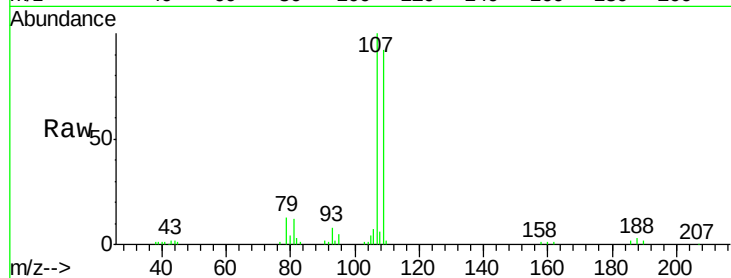




#61
 1,2-Dibromoethane
 Concen: 19.295 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

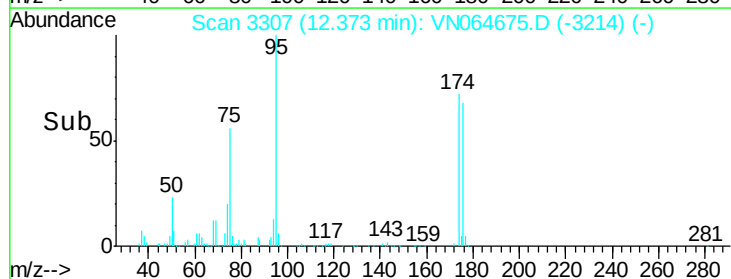
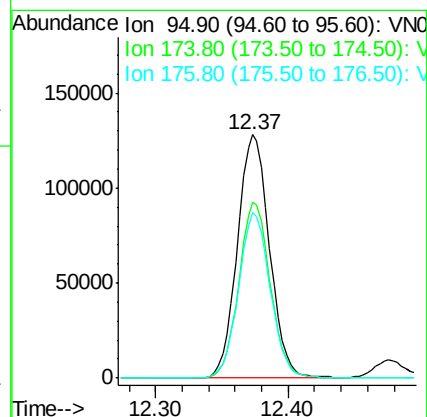
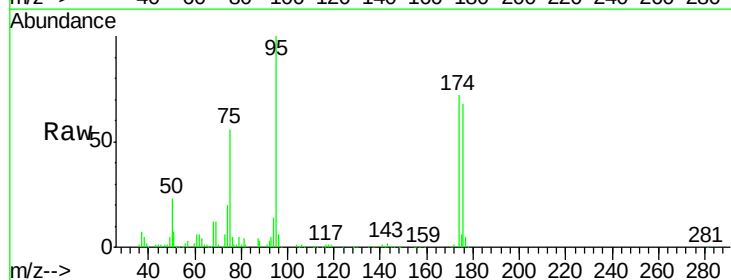
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

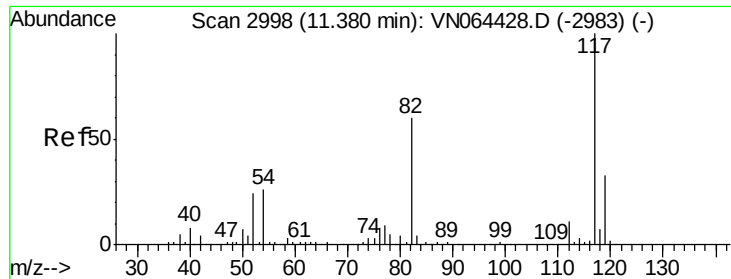
Tot Ion: 107 Resp: 66657
 Ion Ratio Lower Upper
 107 100
 109 90.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.890 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion: 95 Resp: 215237
 Ion Ratio Lower Upper
 95 100
 174 70.9 0.0 132.6
 176 67.5 0.0 129.2

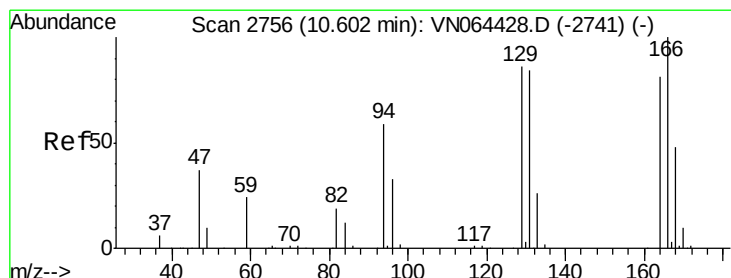
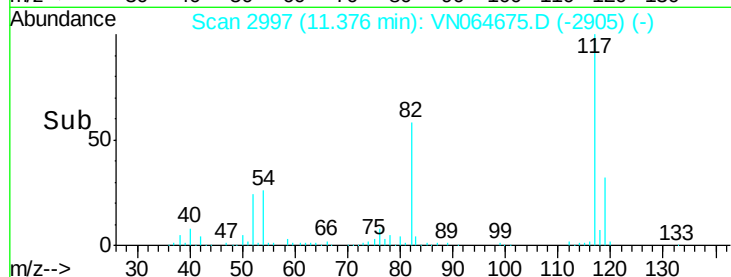
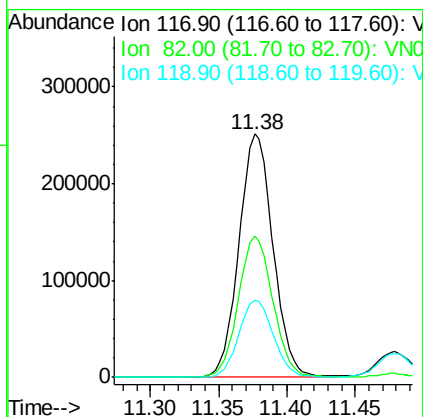
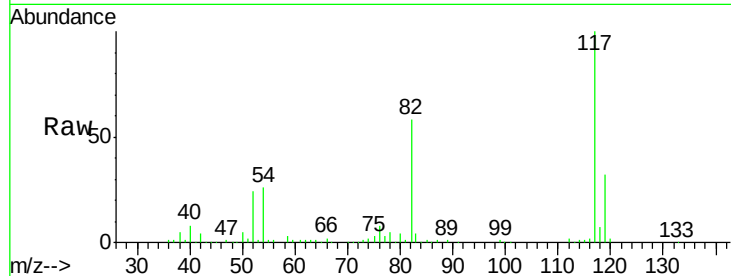




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

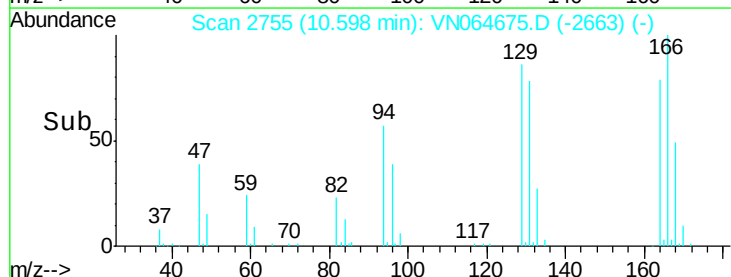
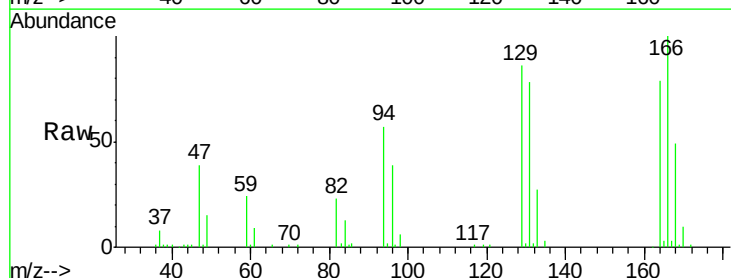
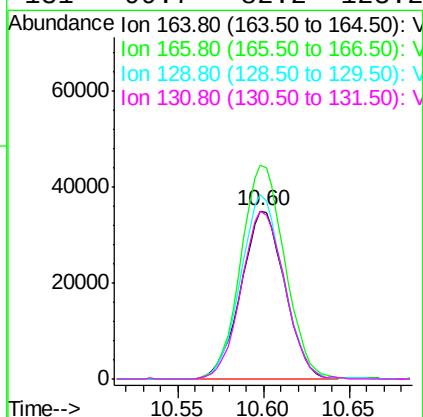
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

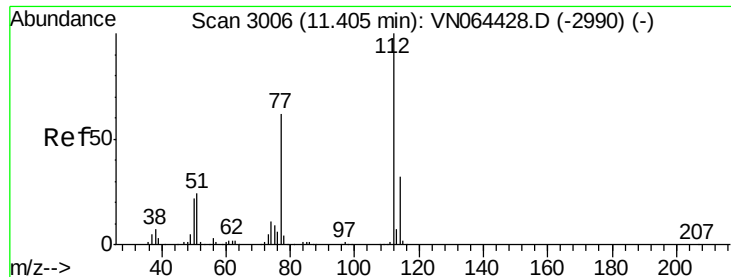
Tot Ion:117 Resp: 436207
Ion Ratio Lower Upper
117 100
82 58.2 48.1 72.1
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 18.378 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion:164 Resp: 61752
Ion Ratio Lower Upper
164 100
166 127.3 98.2 147.2
129 109.9 84.6 127.0
131 99.7 82.2 123.2

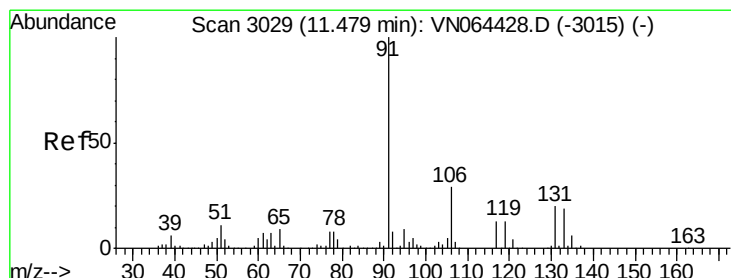
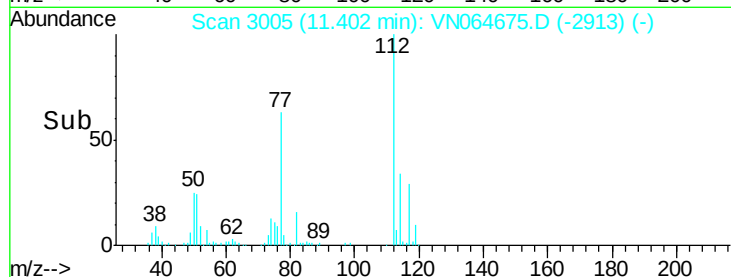
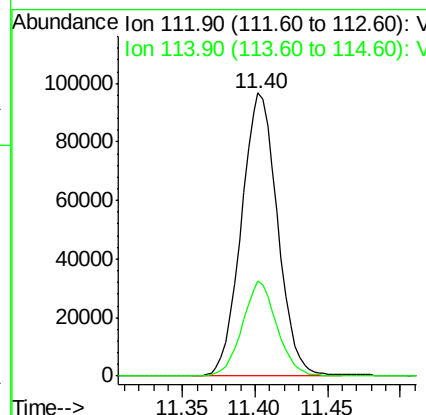
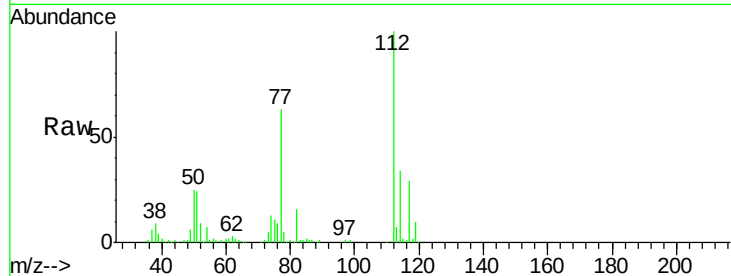




#65
Chlorobenzene
Concen: 17.547 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

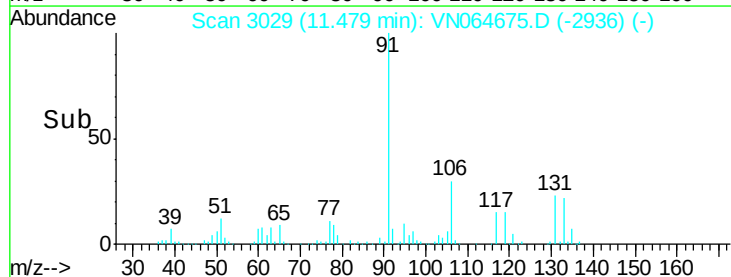
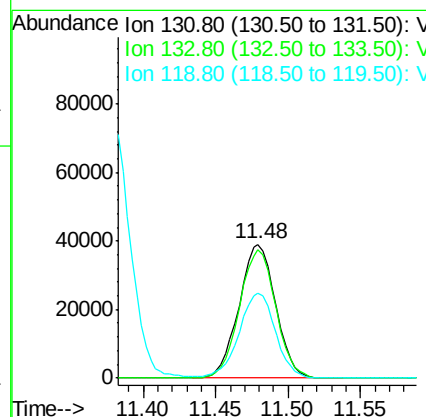
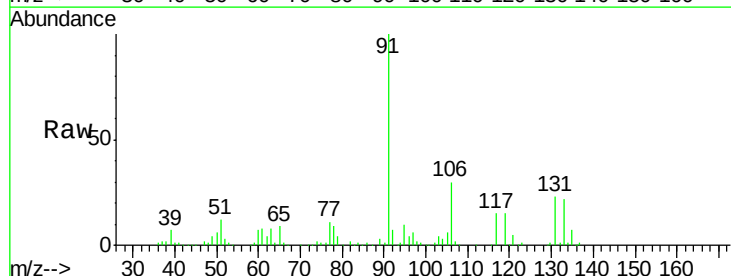
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

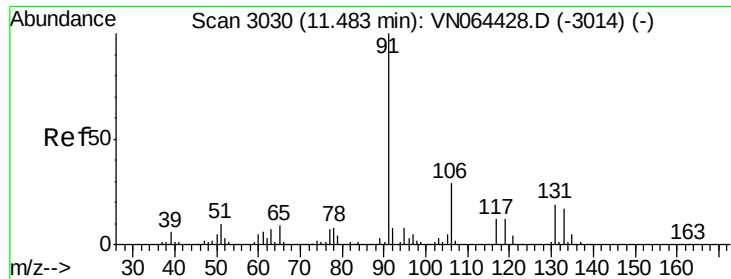
Tot Ion:112 Resp: 167798
Ion Ratio Lower Upper
112 100
114 33.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.156 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion:131 Resp: 68337
Ion Ratio Lower Upper
131 100
133 95.0 46.9 140.7
119 63.1 32.1 96.5

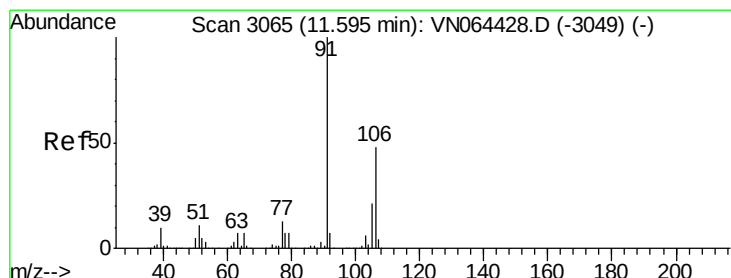
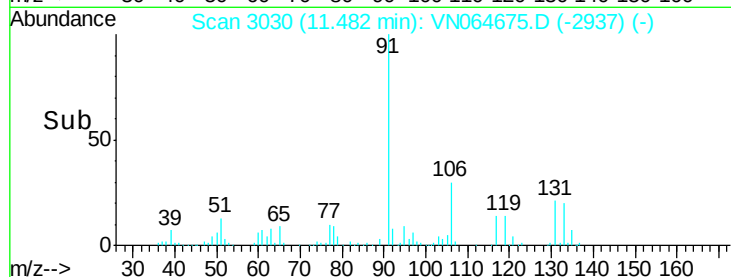
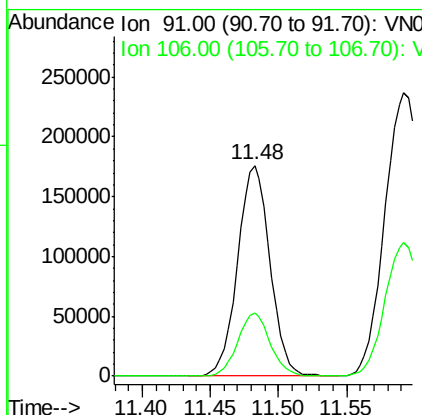
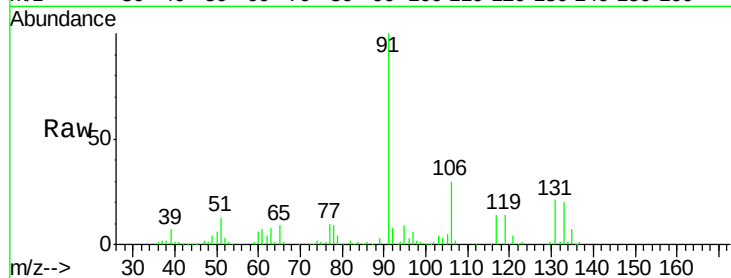




#67
Ethyl Benzene
Concen: 17.007 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

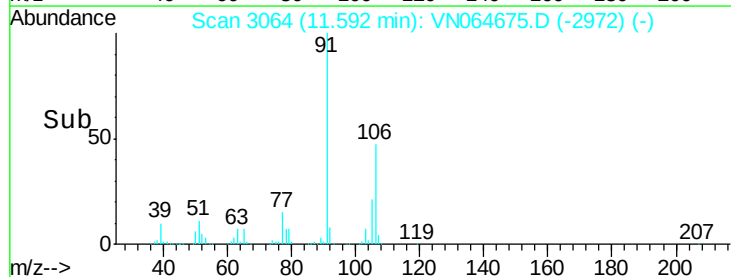
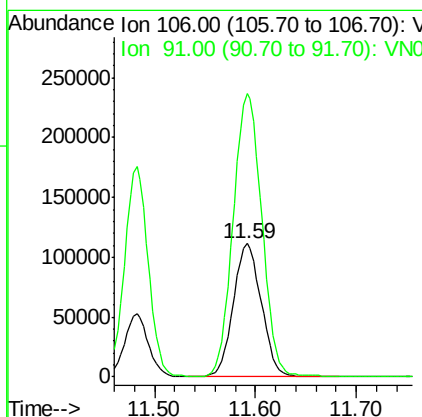
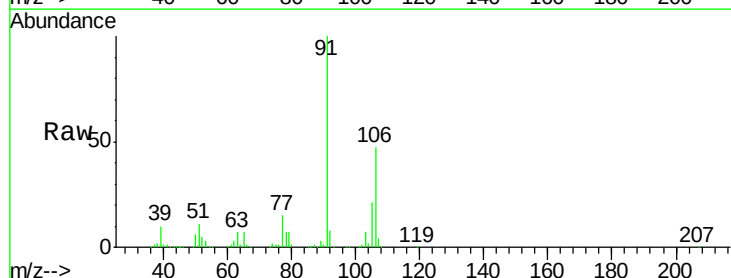
Instrument :
MSVOA_N
ClientSampled :
VN1117WBSD01

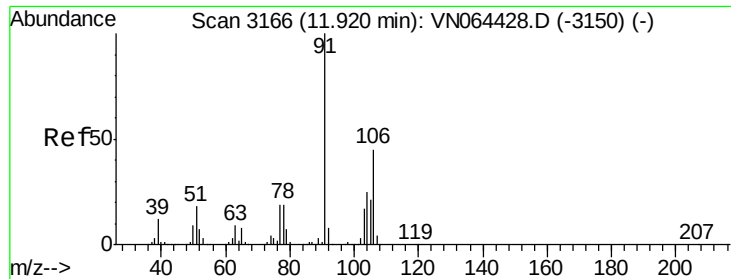
Tot Ion: 91 Resp: 289283
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 34.987 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion: 106 Resp: 215822
Ion Ratio Lower Upper
106 100
91 215.8 169.4 254.2

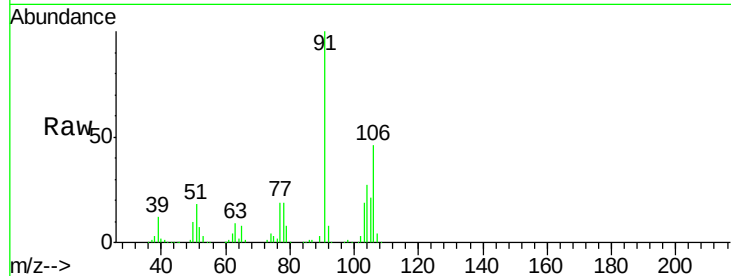




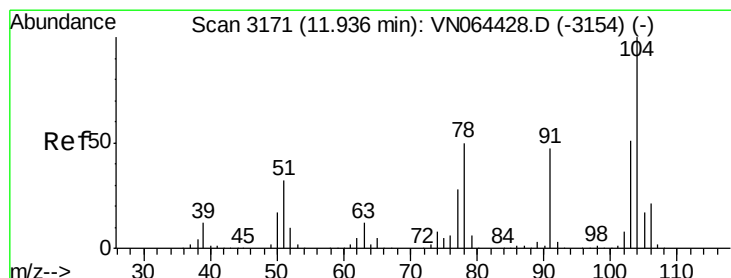
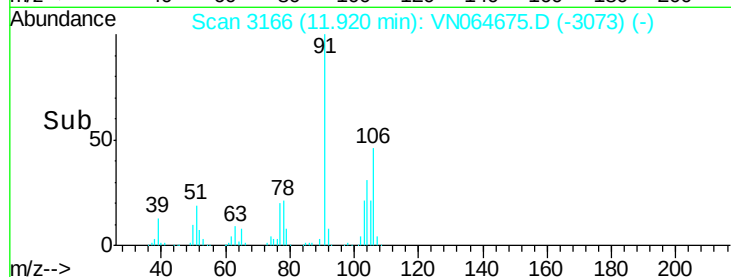
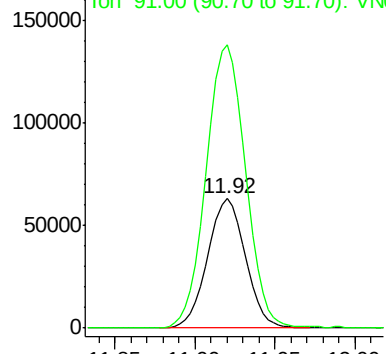
#69
o-Xylene
Concen: 17.131 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Instrument :
MSVOA_N
ClientSampled :
VN1117WBSD01

Tot Ion:106 Resp: 102116
Ion Ratio Lower Upper
106 100
91 227.4 111.7 334.9

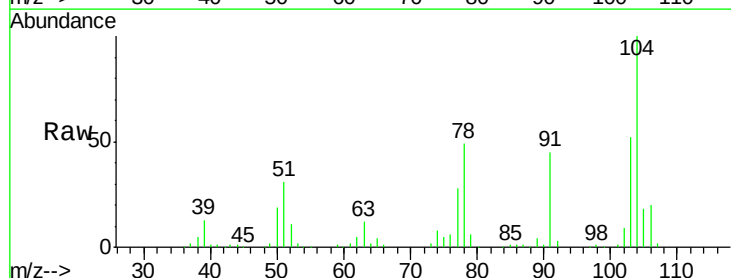


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

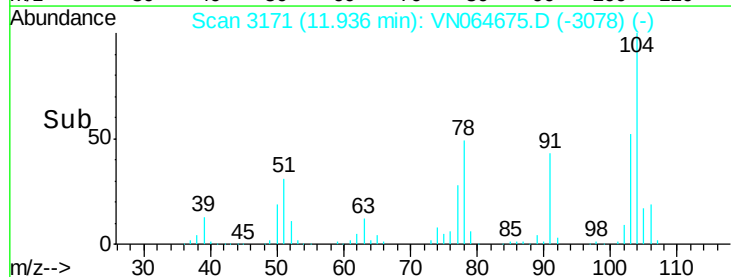
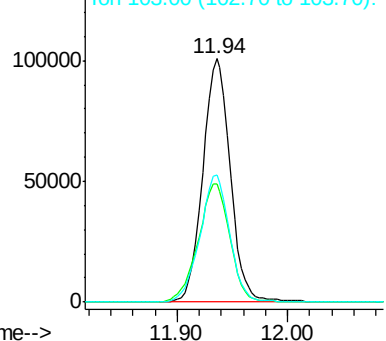


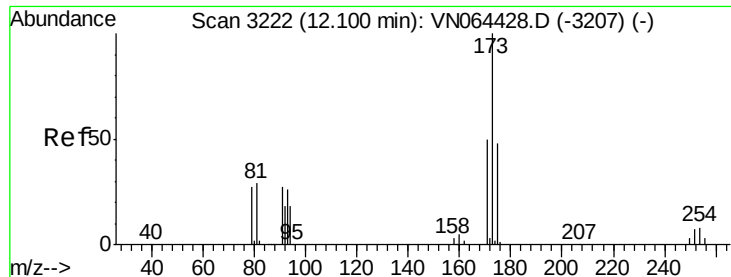
#70
Styrene
Concen: 17.381 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion:104 Resp: 174339
Ion Ratio Lower Upper
104 100
78 55.6 44.0 66.0
103 56.5 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.165 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

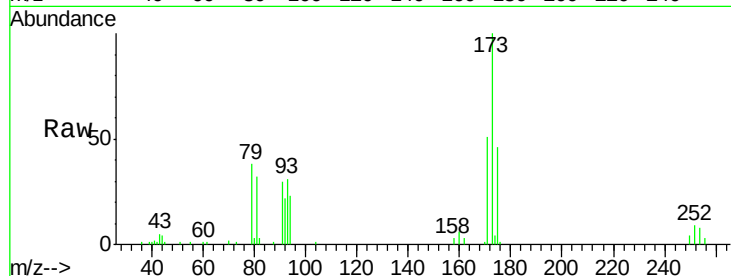
Tot Ion:173 Resp: 46427

Ion Ratio Lower Upper

173 100

175 46.9 23.7 71.1

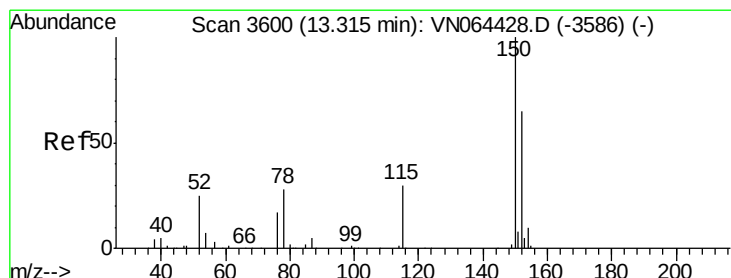
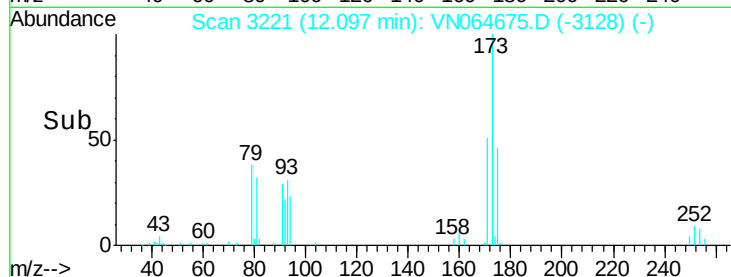
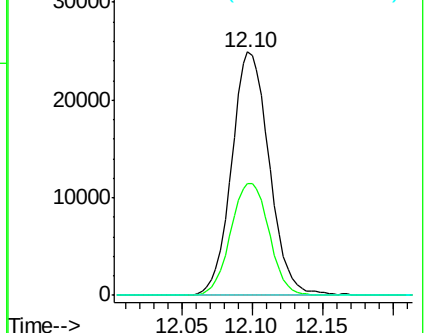
254 0.0 0.0 0.0



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: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

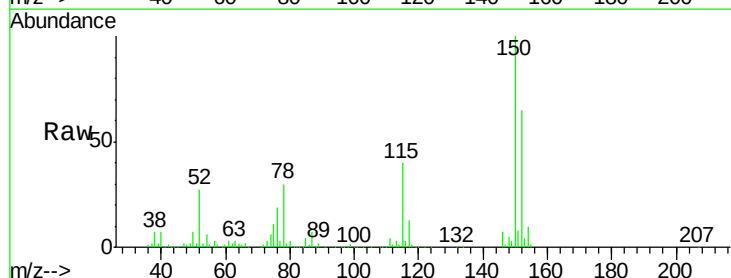
Tgt Ion:152 Resp: 197154

Ion Ratio Lower Upper

152 100

115 63.0 32.0 96.0

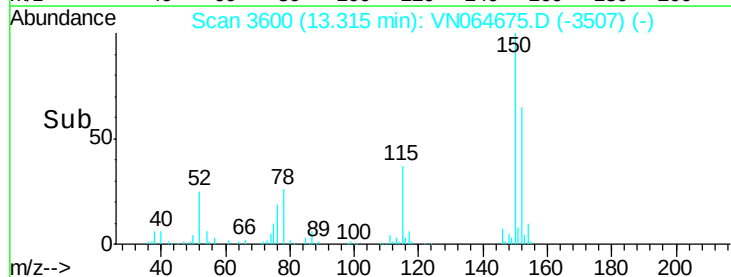
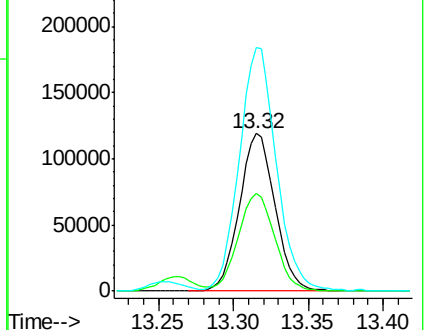
150 160.2 0.0 353.8

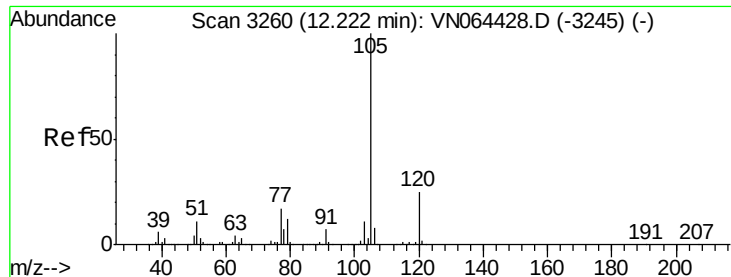


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.051 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

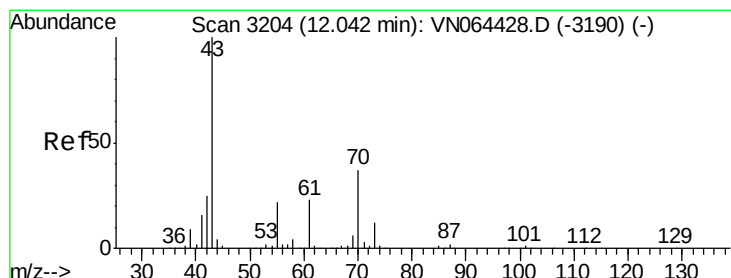
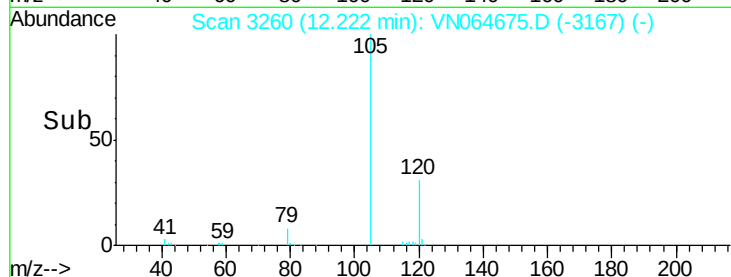
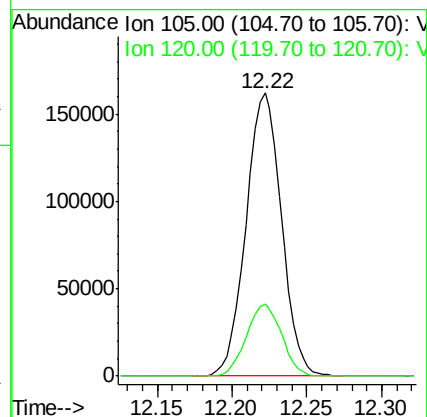
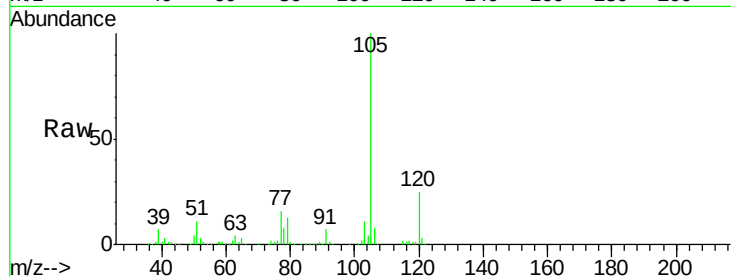
VN1117WBSD01

Tot Ion:105 Resp: 267203

Ion Ratio Lower Upper

105 100

120 25.3 12.8 38.3



#74

N-amyl acetate

Concen: 15.262 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Tgt Ion: 43 Resp: 109424

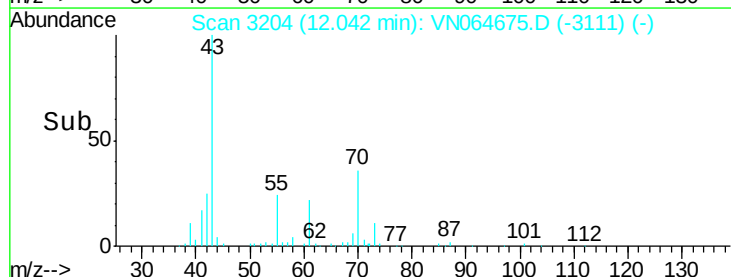
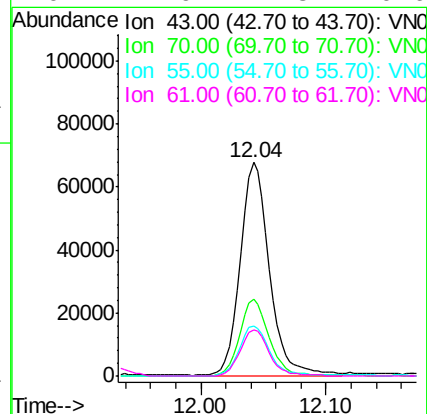
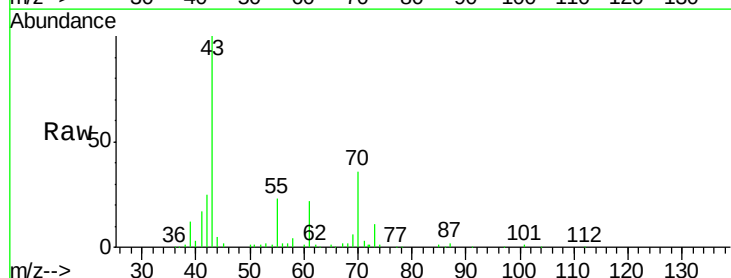
Ion Ratio Lower Upper

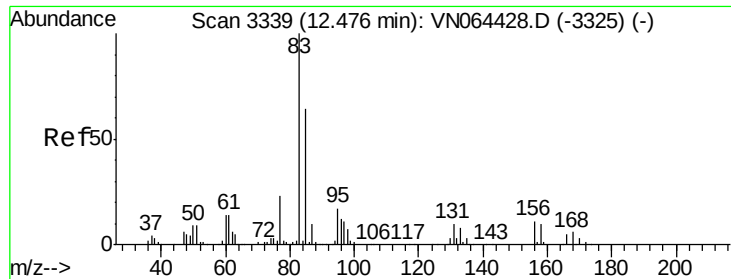
43 100

70 36.3 29.6 44.4

55 24.6 18.4 27.6

61 21.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.136 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

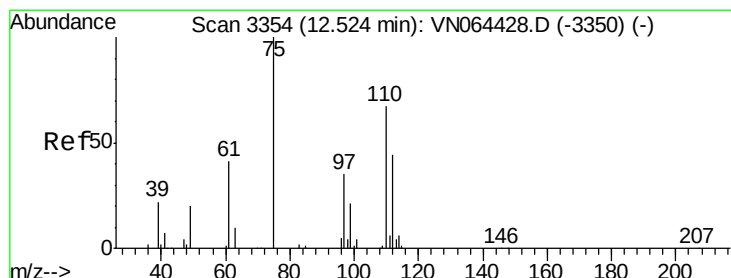
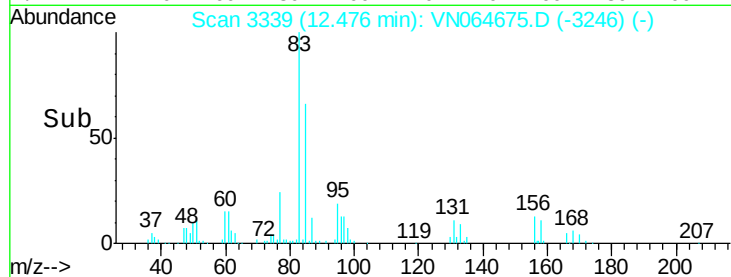
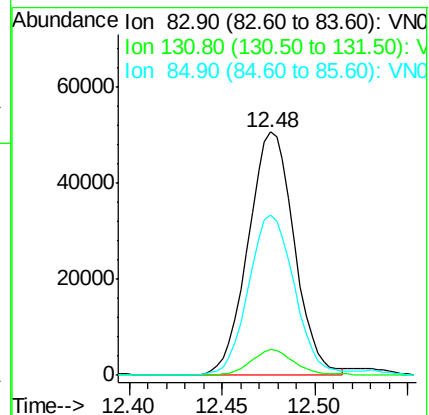
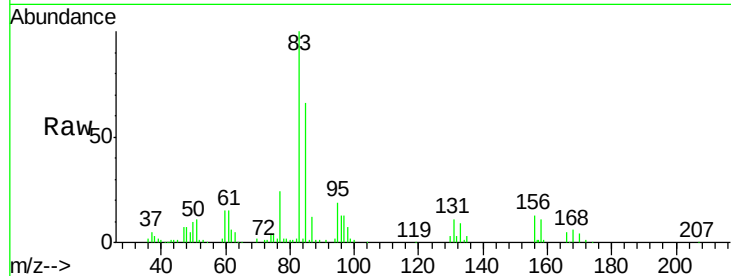
MSVOA_N

ClientSampleId :

VN1117WBSD01

Tot Ion: 83 Resp: 87290

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	66.0	32.1	96.5



#76

1,2,3-Trichloropropane

Concen: 25.174 ug/l

RT: 12.53 min Scan# 3355

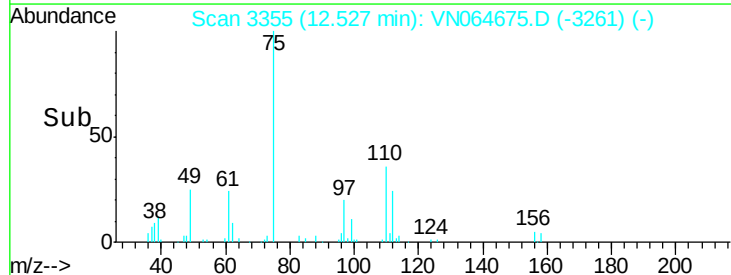
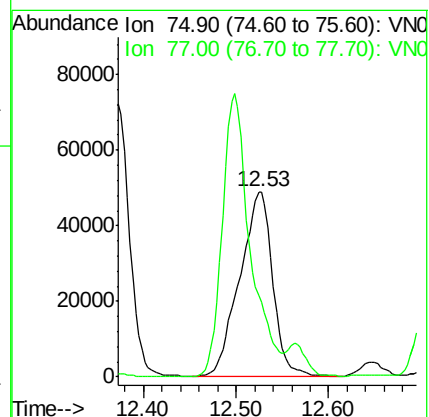
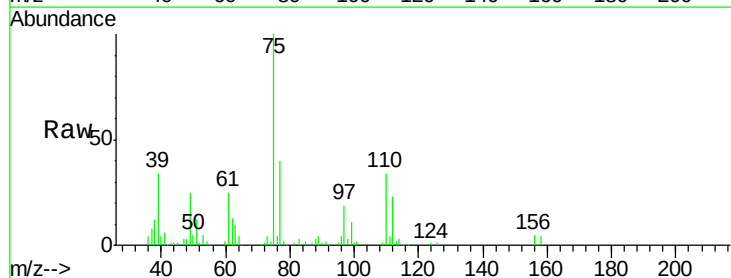
Delta R.T. 0.00 min

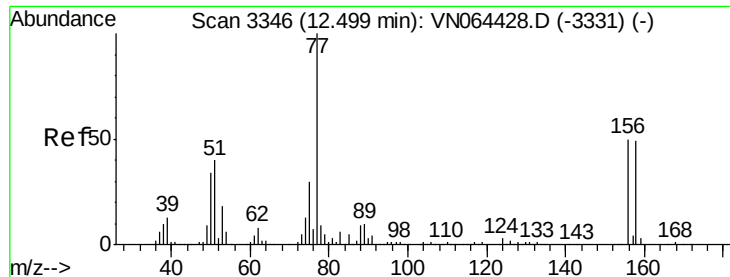
Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Tgt Ion: 75 Resp: 120253

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.096 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

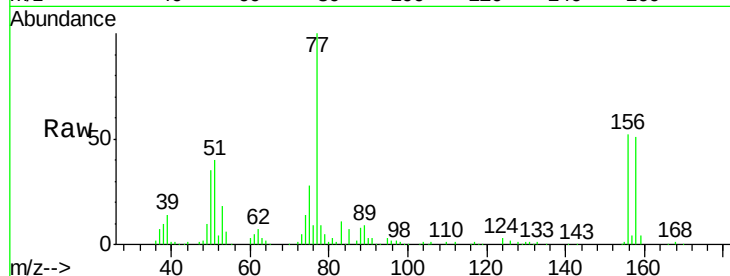
Tot Ion:156 Resp: 69231

Ion Ratio Lower Upper

156 100

77 227.1 119.0 357.0

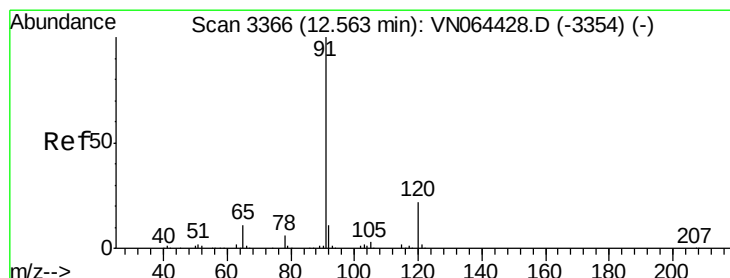
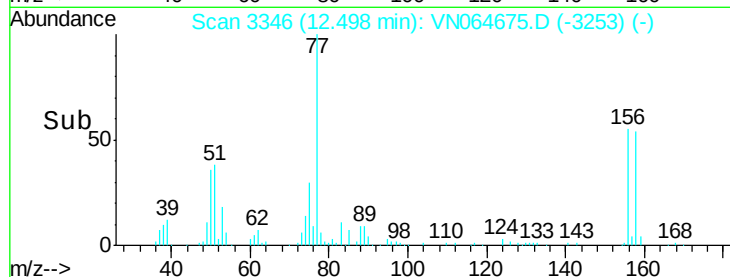
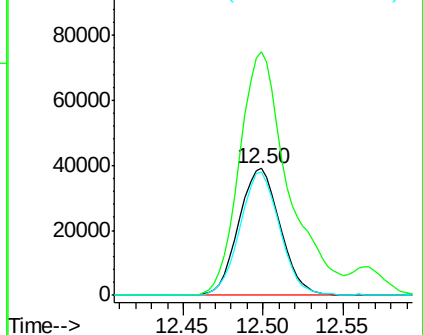
158 93.8 48.4 145.3



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: 17.550 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064675.D

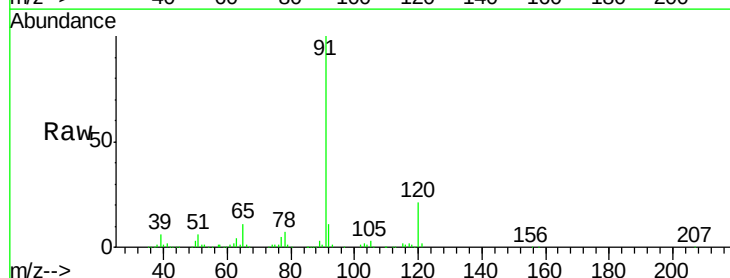
Acq: 17 Nov 2020 13:06

Tgt Ion: 91 Resp: 313531

Ion Ratio Lower Upper

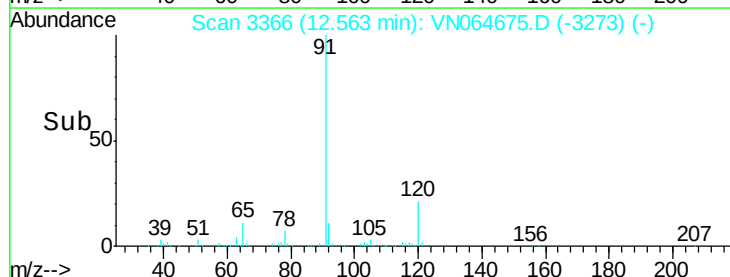
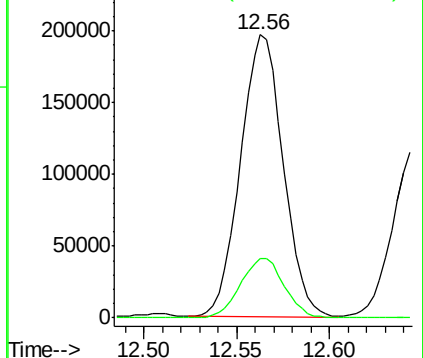
91 100

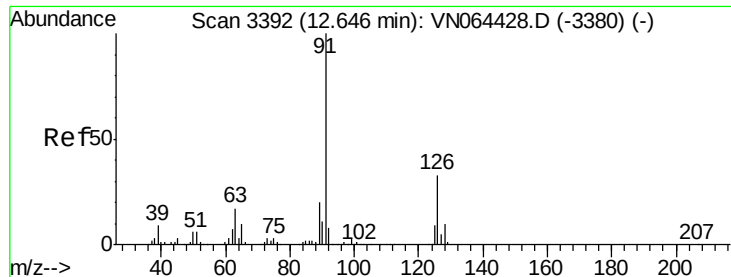
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.520 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

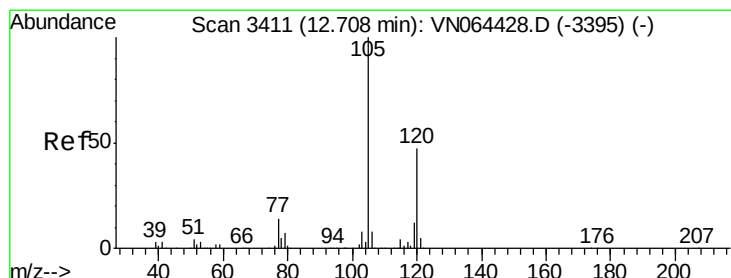
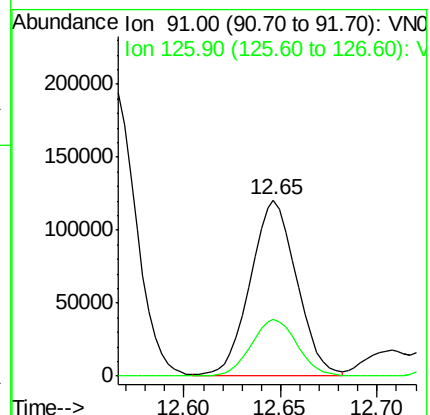
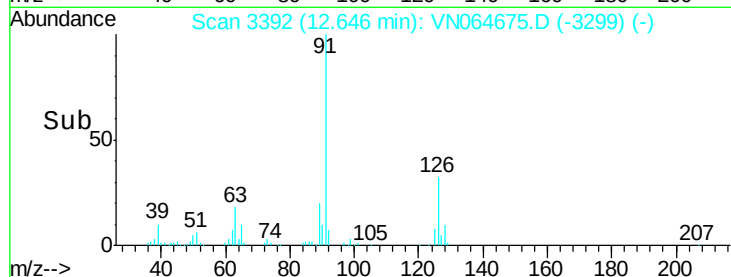
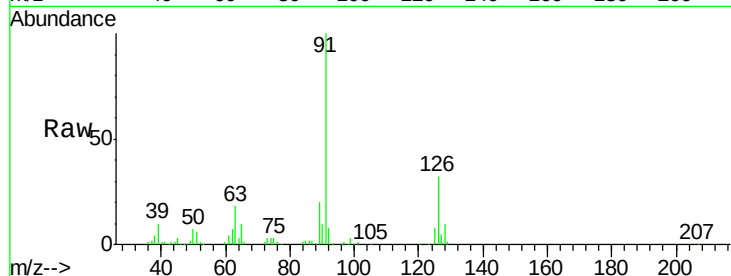
VN1117WBSD01

Tot Ion: 91 Resp: 198525

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 17.918 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064675.D

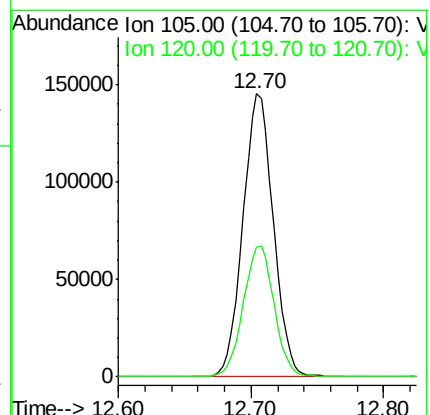
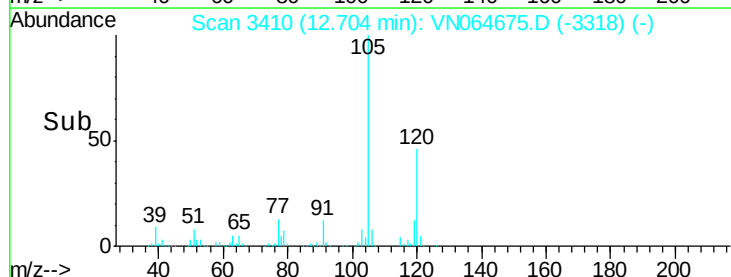
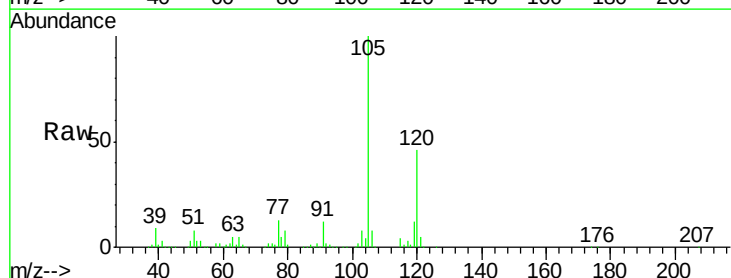
Acq: 17 Nov 2020 13:06

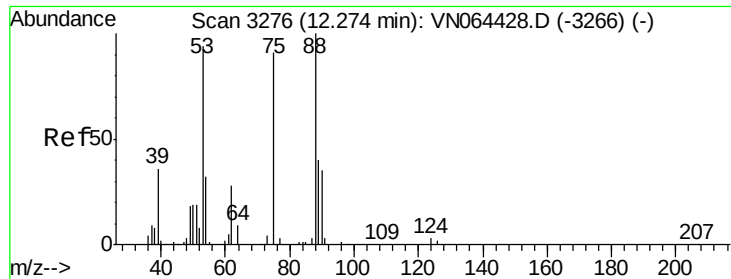
Tgt Ion: 105 Resp: 231638

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.672 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

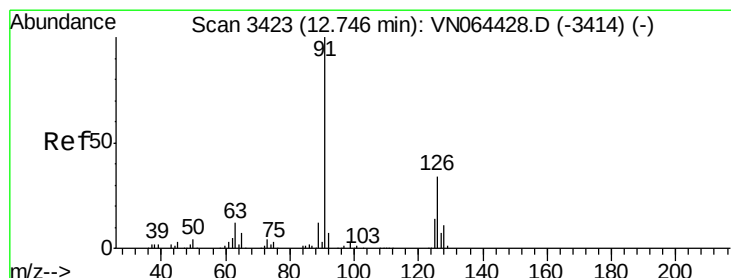
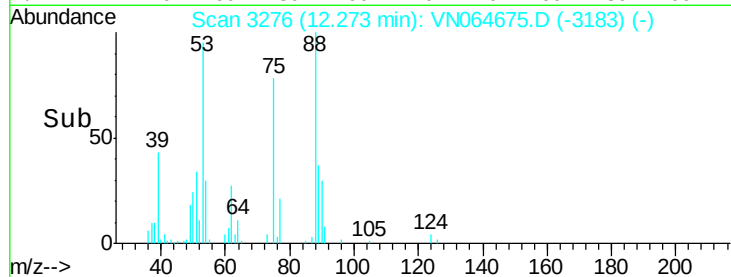
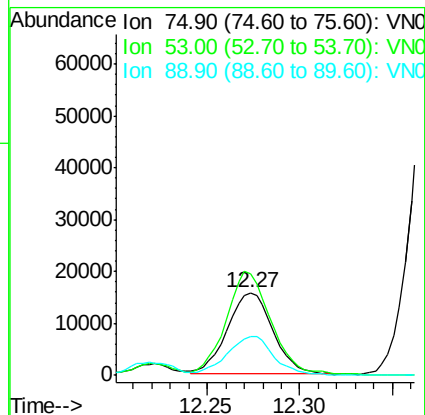
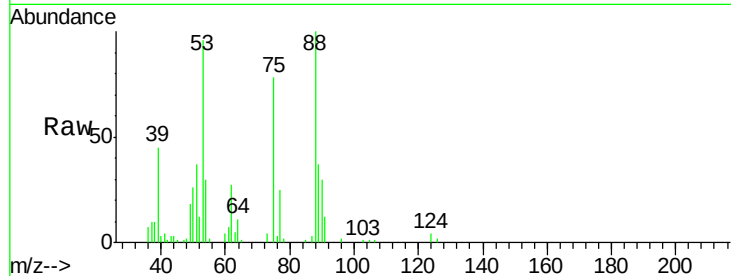
Tot Ion: 75 Resp: 26813

Ion Ratio Lower Upper

75 100

53 123.3 84.0 126.0

89 49.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.735 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064675.D

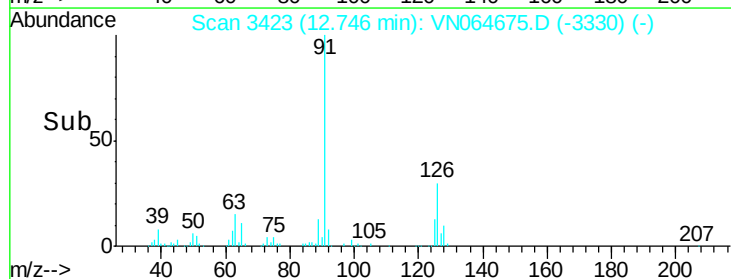
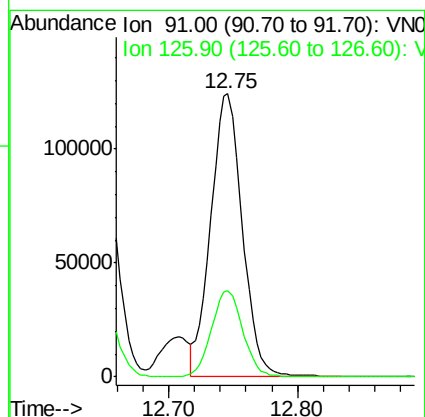
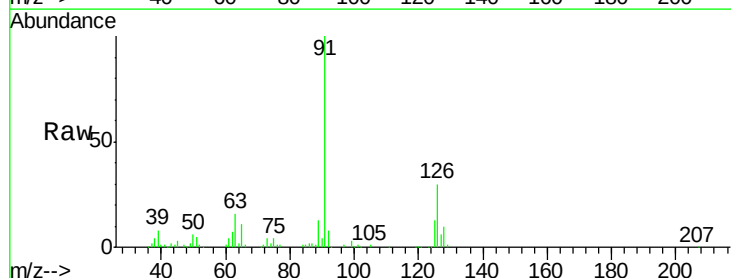
Acq: 17 Nov 2020 13:06

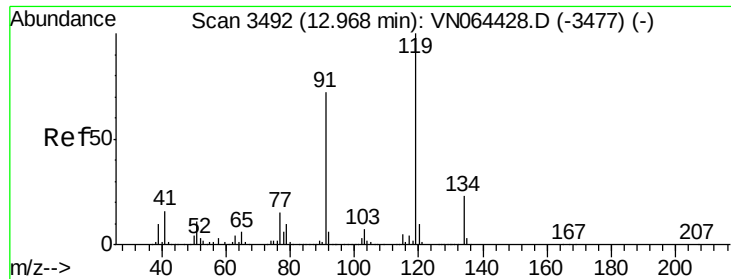
Tgt Ion: 91 Resp: 210454

Ion Ratio Lower Upper

91 100

126 30.5 15.4 46.2

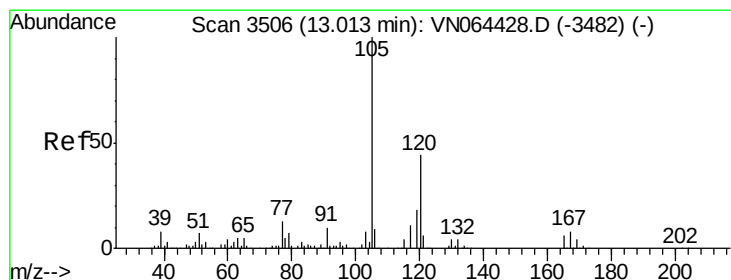
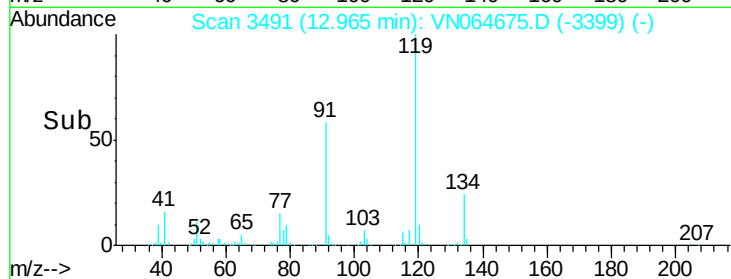
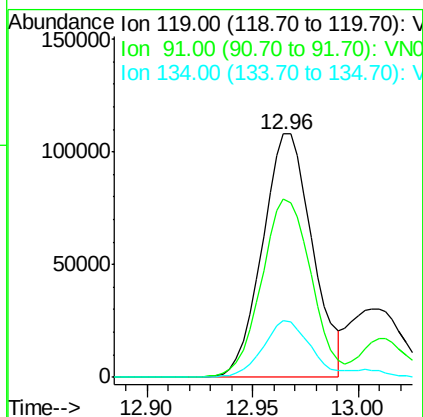
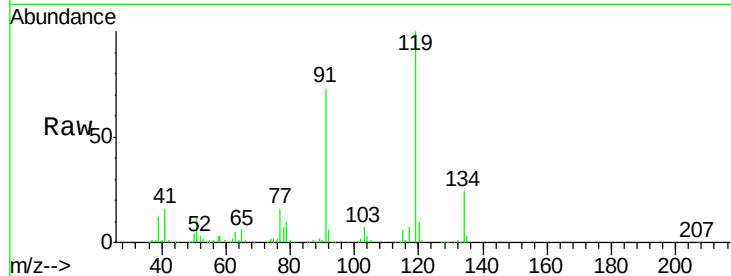




#83
 tert-Butylbenzene
 Concen: 17.642 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

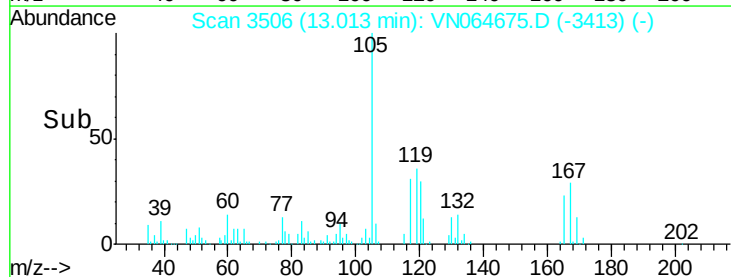
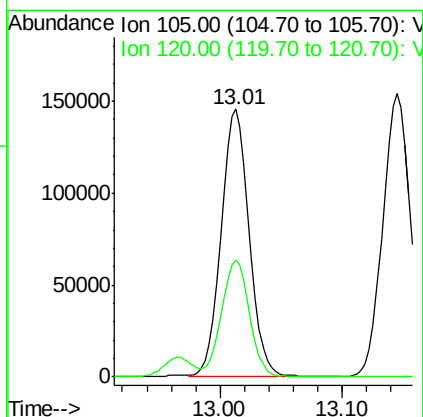
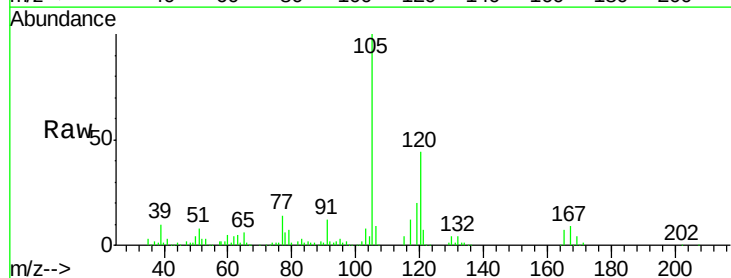
Instrument :
 MSVOA_N
 ClientSampled :
 VN1117WBSD01

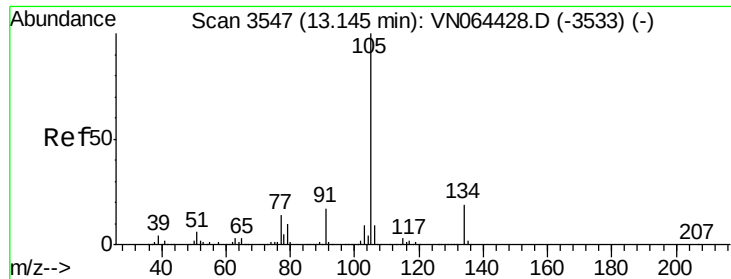
Tot Ion:119 Resp: 178125
 Ion Ratio Lower Upper
 119 100
 91 72.7 36.1 108.3
 134 22.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.000 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion:105 Resp: 233921
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.7





#85

sec-Butylbenzene

Concen: 19.018 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

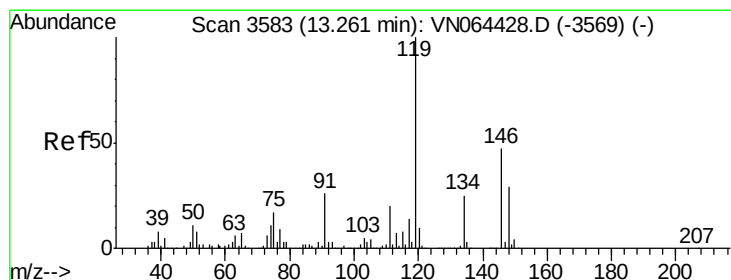
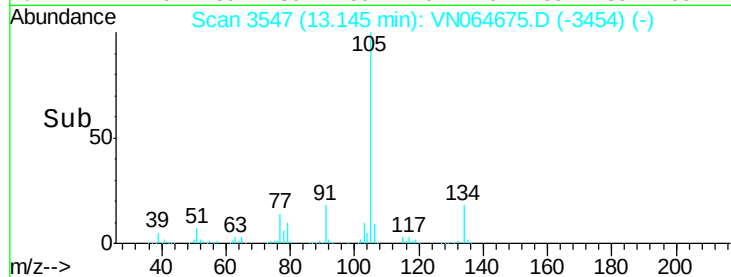
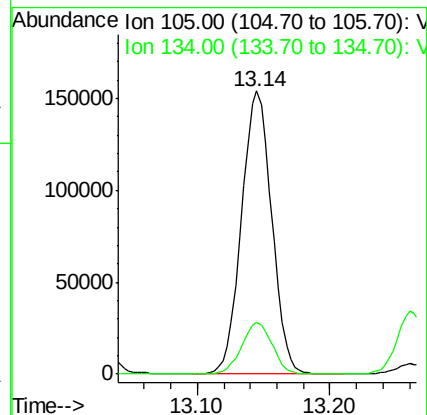
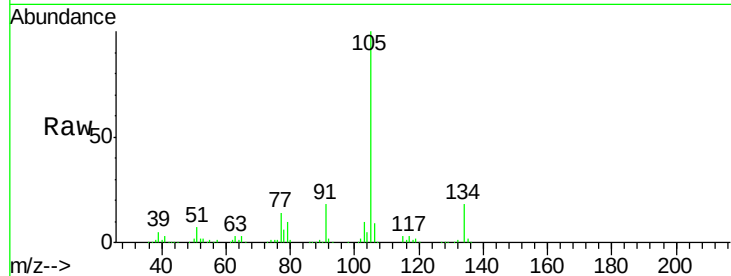
VN1117WBSD01

Tot Ion:105 Resp: 243182

Ion Ratio Lower Upper

105 100

134 18.5 9.4 28.2



#86

p-Isopropyltoluene

Concen: 18.742 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064675.D

Acq: 17 Nov 2020 13:06

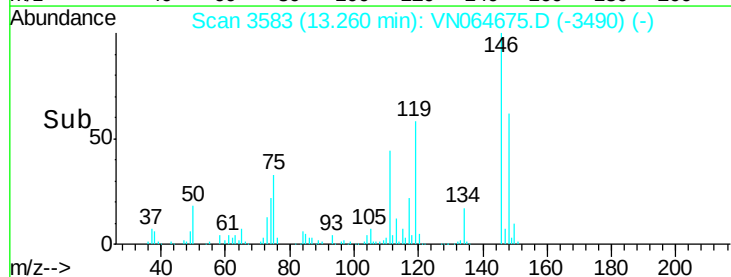
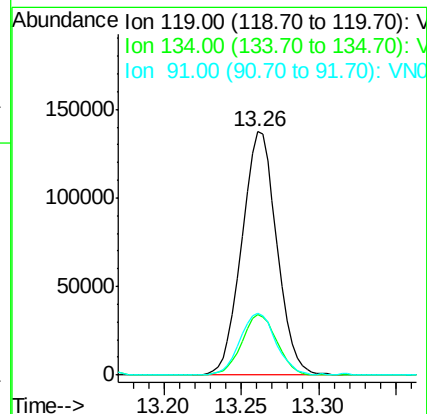
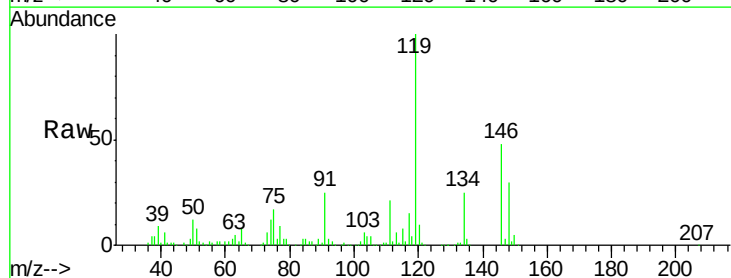
Tgt Ion:119 Resp: 215569

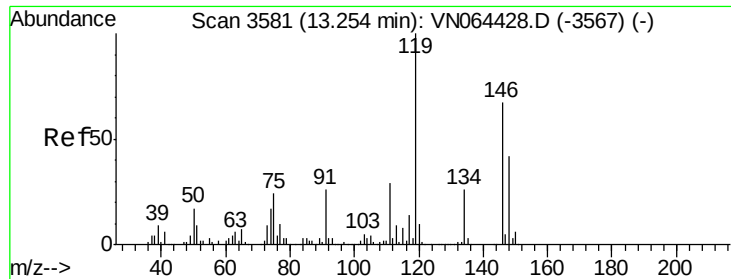
Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.6

91 26.2 12.8 38.3

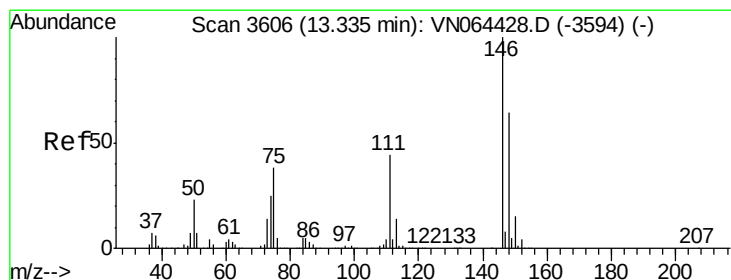
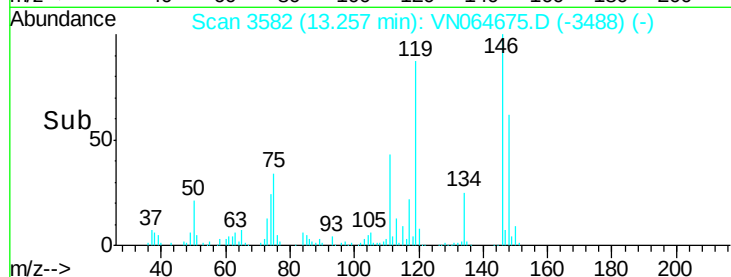
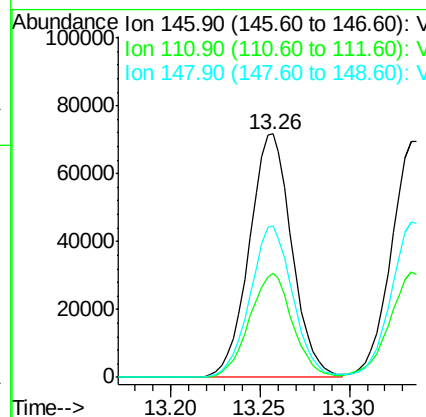
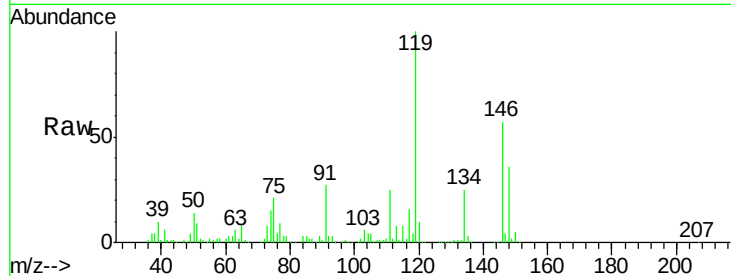




#87
 1,3-Dichlorobenzene
 Concen: 18.097 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

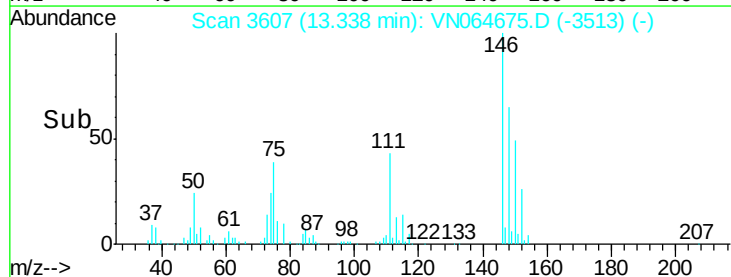
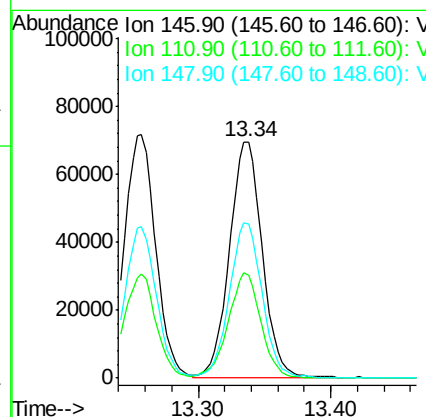
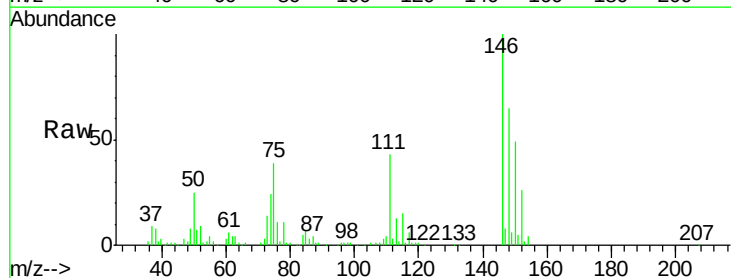
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

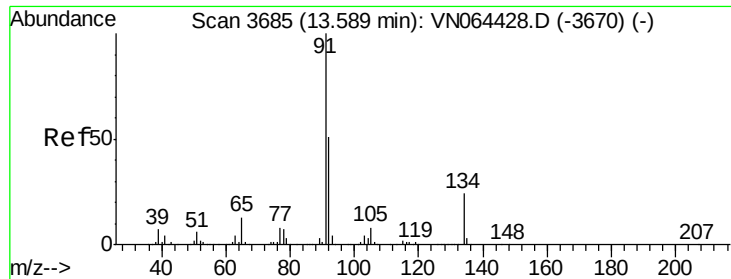
Tot Ion:146 Resp: 119683
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.1 66.1
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.421 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion:146 Resp: 119062
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.3
 148 65.3 32.4 97.2

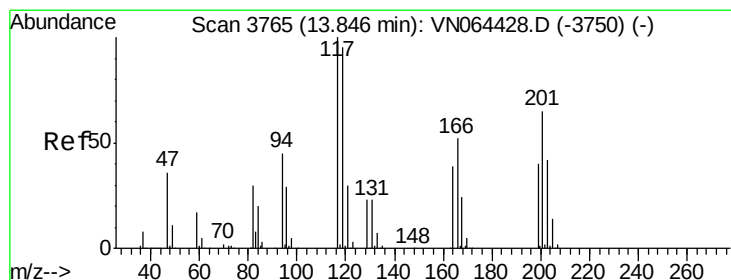
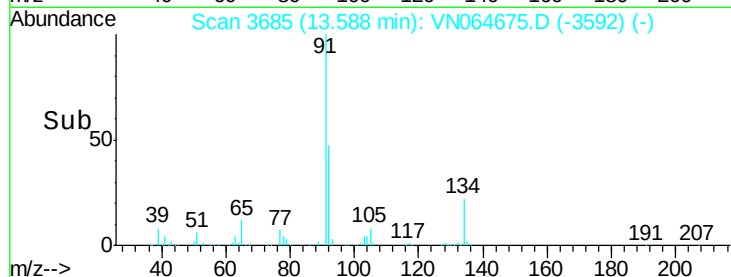
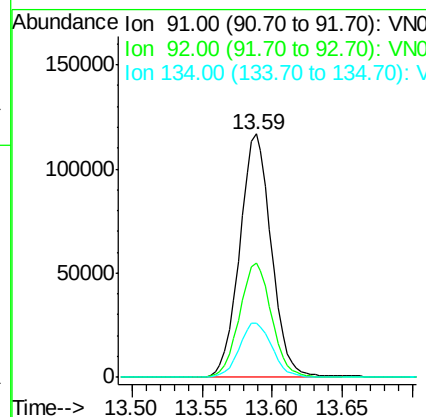
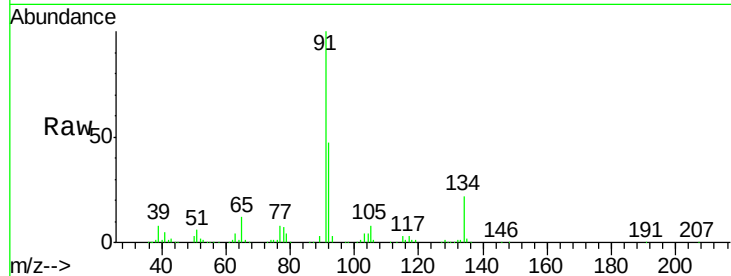




#89
n-Butylbenzene
Concen: 18.635 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

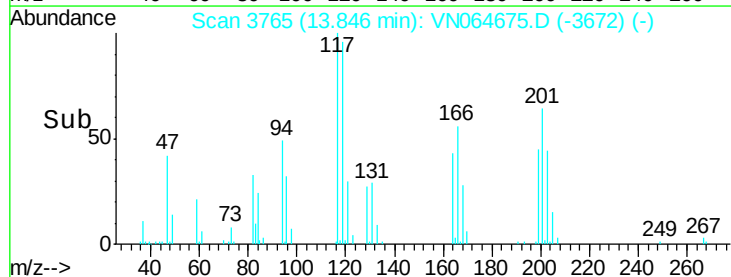
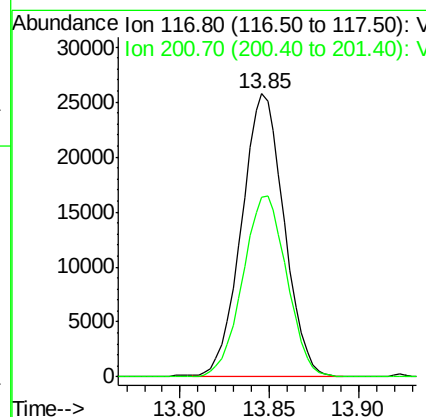
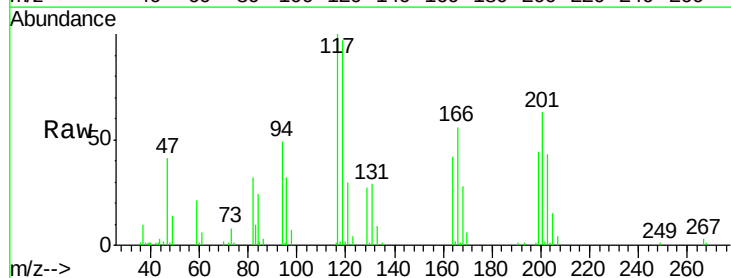
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

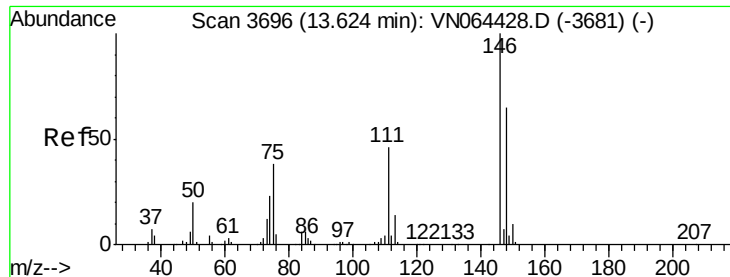
Tot Ion: 91 Resp: 184288
Ion Ratio Lower Upper
91 100
92 47.5 25.3 75.9
134 23.1 11.8 35.4



#90
Hexachloroethane
Concen: 19.373 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion: 117 Resp: 42984
Ion Ratio Lower Upper
117 100
201 65.9 32.5 97.5

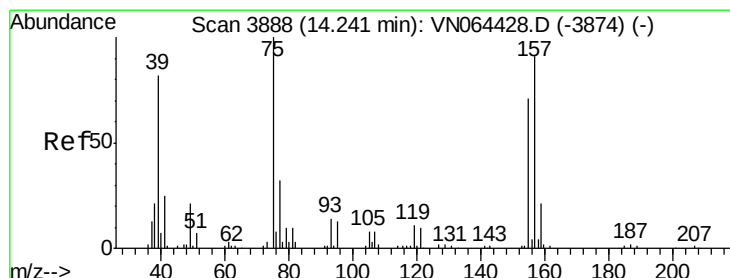
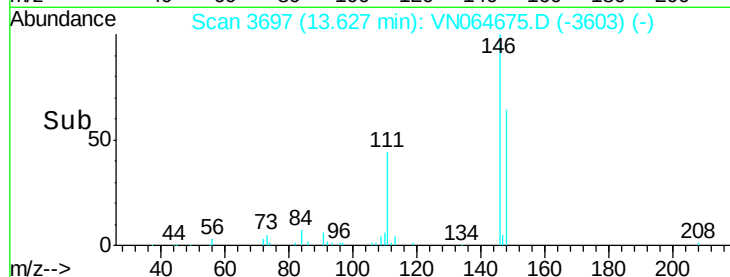
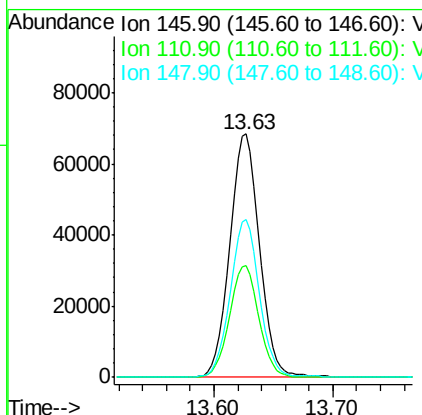
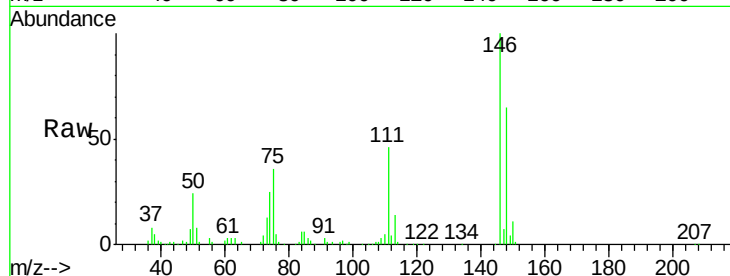




#91
 1,2-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

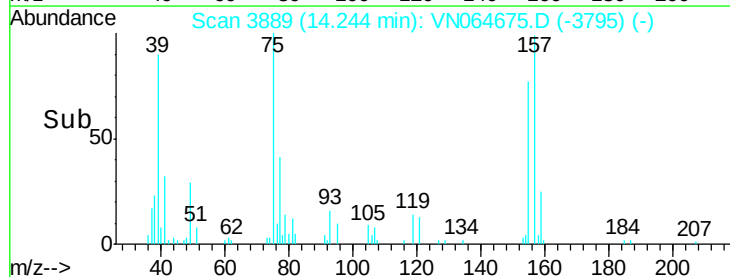
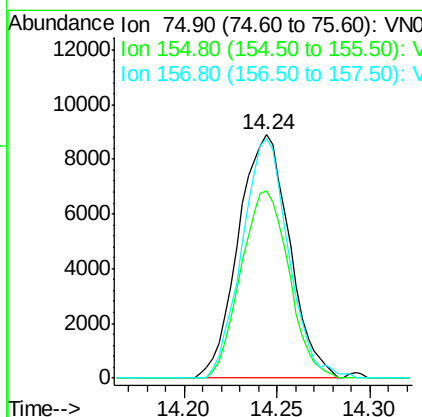
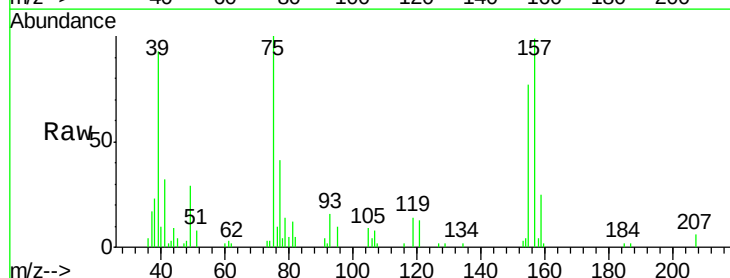
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

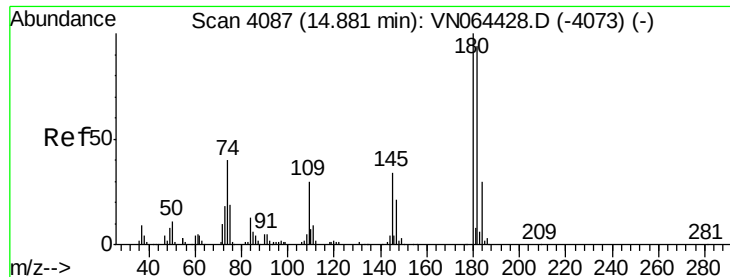
Tot Ion:146 Resp: 118489
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.9 68.7
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.799 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion: 75 Resp: 17057
 Ion Ratio Lower Upper
 75 100
 155 71.9 34.6 103.9
 157 89.4 43.0 128.8

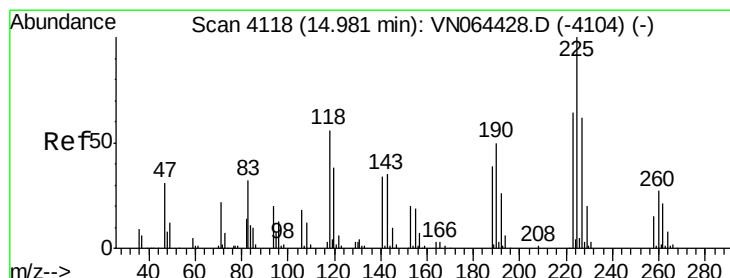
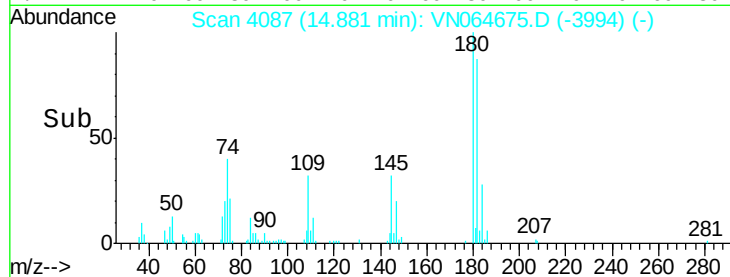
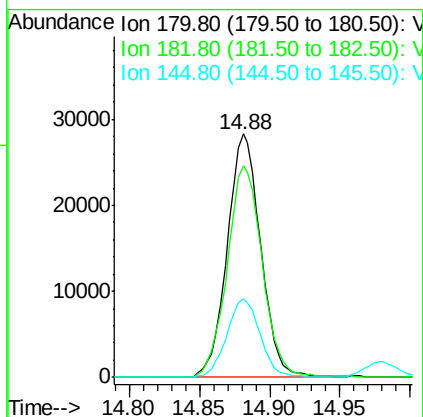
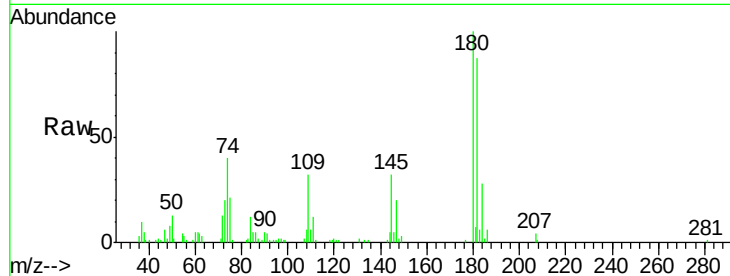




#93
 1,2,4-Trichlorobenzene
 Concen: 16.711 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

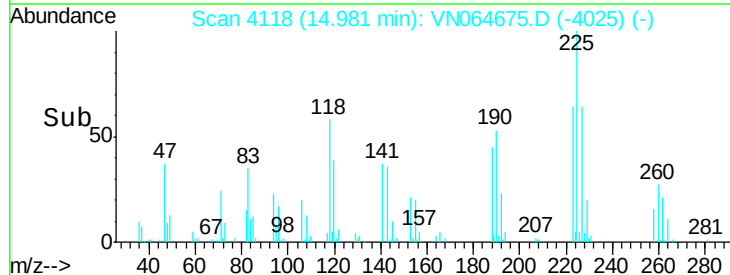
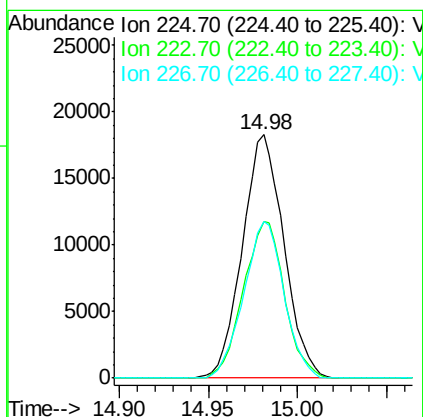
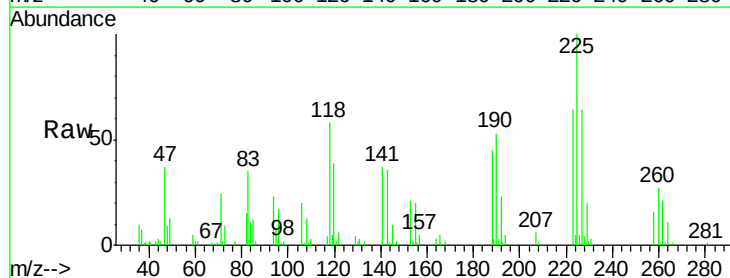
Instrument :
 MSVOA_N
 ClientSampled :
 VN1117WBSD01

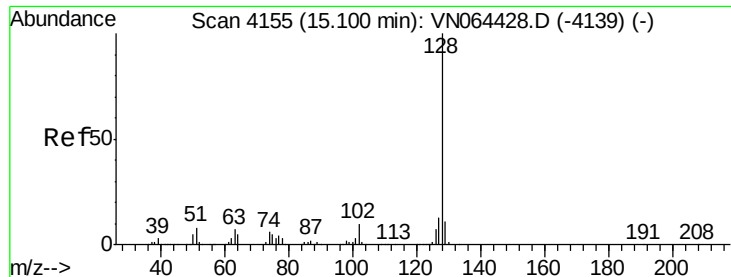
Tot Ion:180 Resp: 46941
 Ion Ratio Lower Upper
 180 100
 182 90.9 47.3 142.0
 145 32.0 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 23.047 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064675.D
 Acq: 17 Nov 2020 13:06

Tgt Ion:225 Resp: 29851
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.8 95.4
 227 62.2 31.8 95.4

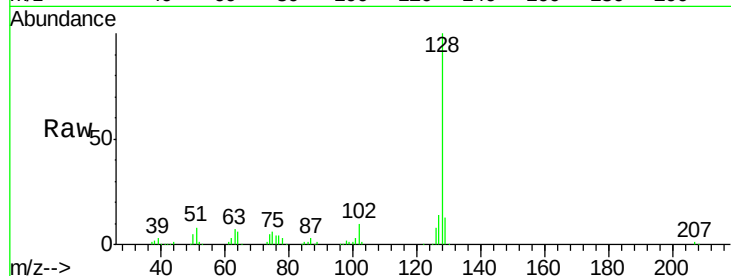




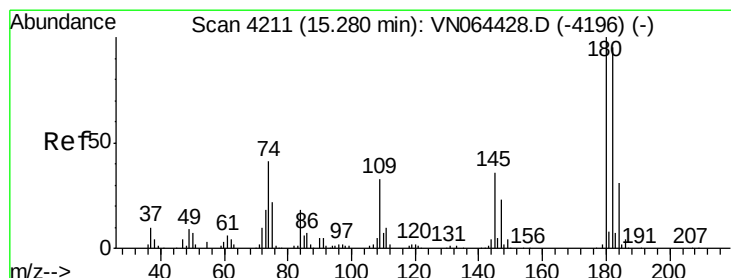
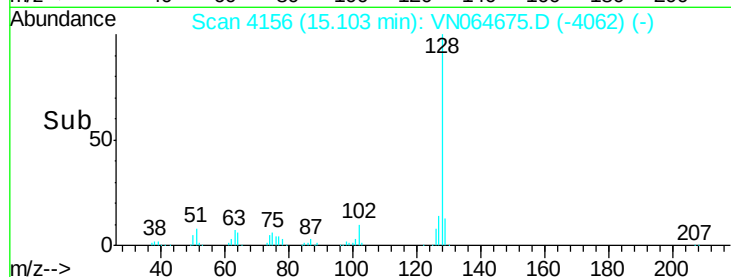
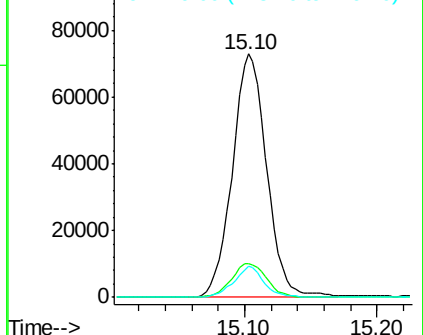
#95
Naphthalene
Concen: 14.861 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tot Ion:128 Resp: 131018
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.0 8.8 13.2

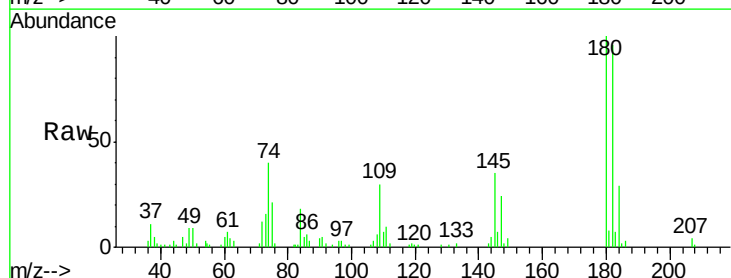


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.779 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064675.D
Acq: 17 Nov 2020 13:06

Tgt Ion:180 Resp: 48619
Ion Ratio Lower Upper
180 100
182 95.2 47.7 143.1
145 34.9 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

