

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064674.D
 Acq On : 17 Nov 2020 12:31
 Operator : JC/MD
 Sample : VN1117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Quant Time: Nov 18 01:35:30 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	279127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	474361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	234895	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.54	113	167884	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.06	98	605284	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.37	95	217880	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	59711	16.433	ug/l	98
3) Chloromethane	2.04	50	64195	14.545	ug/l	96
4) Vinyl Chloride	2.17	62	70457	15.546	ug/l	98
5) Bromomethane	2.54	94	51068	17.638	ug/l	94
6) Chloroethane	2.68	64	50386	17.364	ug/l	96
7) Trichlorofluoromethane	2.99	101	131275	19.671	ug/l	98
8) Diethyl Ether	3.37	74	44334	18.812	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	59021	18.624	ug/l	99
10) Methyl Iodide	3.91	142	57381	15.582	ug/l	98
11) Tert butyl alcohol	4.74	59	44432	82.869	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	52607	17.623	ug/l	97
13) Acrolein	3.56	56	19532	58.728	ug/l	87
14) Allyl chloride	4.28	41	93642	16.036	ug/l	99
15) Acrylonitrile	4.93	53	125724	84.222	ug/l	97
16) Acetone	3.78	43	156404	84.451	ug/l	98
17) Carbon Disulfide	4.01	76	144138	16.146	ug/l	99
18) Methyl Acetate	4.28	43	66116	18.159	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	178143	16.581	ug/l	98
20) Methylene Chloride	4.50	84	63205	17.201	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	58310	17.203	ug/l	95
22) Diisopropyl ether	5.90	45	199464	16.091	ug/l	94
23) Vinyl Acetate	5.85	43	789268	78.268	ug/l	98
24) 1,1-Dichloroethane	5.80	63	119240	17.505	ug/l	98
25) 2-Butanone	6.79	43	186096	78.864	ug/l	99
26) 2,2-Dichloropropane	6.78	77	109736	17.796	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67563	17.202	ug/l	96
28) Bromochloromethane	7.14	49	55340	16.528	ug/l	97
29) Tetrahydrofuran	7.17	42	111993	77.357	ug/l	96
30) Chloroform	7.33	83	128290	17.917	ug/l	99
31) Cyclohexane	7.61	56	93244	15.777	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	114297	17.998	ug/l	100
36) 1,1-Dichloropropene	7.75	75	88287	17.618	ug/l	98
37) Ethyl Acetate	6.88	43	76800	15.632	ug/l	97
38) Carbon Tetrachloride	7.73	117	102057	19.055	ug/l	98

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 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)
39) Methylcyclohexane	9.05	83	77325	17.213	ug/l	98
40) Benzene	8.00	78	256802	17.439	ug/l	96
41) Methacrylonitrile	7.16	41	112446	50.612	ug/l #	31
42) 1,2-Dichloroethane	8.08	62	110669	18.623	ug/l	98
43) Isopropyl Acetate	8.13	43	132489	16.314	ug/l	99
44) Trichloroethene	8.80	130	66766	17.971	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71005	18.071	ug/l	99
46) Dibromomethane	9.17	93	48355	18.695	ug/l	99
47) Bromodichloromethane	9.37	83	104586	18.805	ug/l	97
48) Methyl methacrylate	9.16	41	65868	16.073	ug/l	98
49) 1,4-Dioxane	9.16	88	17535	324.865	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	400035	84.466	ug/l	100
52) Toluene	10.12	92	160870	17.911	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	105677	17.923	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	109603	17.386	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	65130	18.594	ug/l	96
56) Ethyl methacrylate	10.40	69	81339	15.435	ug/l	96
57) 1,3-Dichloropropane	10.68	76	108130	17.686	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	213566	93.208	ug/l	96
59) 2-Hexanone	10.72	43	282466	75.990	ug/l	100
60) Dibromochloromethane	10.87	129	75460	19.242	ug/l	97
61) 1,2-Dibromoethane	10.97	107	65389	18.405	ug/l	100
64) Tetrachloroethene	10.60	164	63880	18.683	ug/l	96
65) Chlorobenzene	11.40	112	173127	17.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	68762	18.942	ug/l	97
67) Ethyl Benzene	11.48	91	300335	17.352	ug/l	99
68) m/p-Xylenes	11.59	106	221682	35.317	ug/l	99
69) o-Xylene	11.92	106	103859	17.123	ug/l	99
70) Styrene	11.94	104	176157	17.259	ug/l	99
71) Bromoform	12.10	173	45807	17.652	ug/l #	97
73) Isopropylbenzene	12.22	105	282072	17.682	ug/l	98
74) N-amyl acetate	12.04	43	108112	14.849	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	87613	17.881	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	123348	25.366	ug/l #	100
77) Bromobenzene	12.50	156	69126	17.749	ug/l	97
78) n-propylbenzene	12.56	91	324711	17.854	ug/l	99
79) 2-Chlorotoluene	12.65	91	201063	17.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	240218	18.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28054	16.108	ug/l	96
82) 4-Chlorotoluene	12.75	91	213644	17.686	ug/l	99
83) tert-Butylbenzene	12.96	119	186643	18.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	244915	18.513	ug/l	98
85) sec-Butylbenzene	13.14	105	249544	19.170	ug/l	99
86) p-Isopropyltoluene	13.26	119	221752	18.939	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	120604	17.914	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	117322	16.863	ug/l	98
89) n-Butylbenzene	13.59	91	191188	18.991	ug/l	97
90) Hexachloroethane	13.85	117	45717	20.241	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	120298	18.576	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17705	18.149	ug/l	97

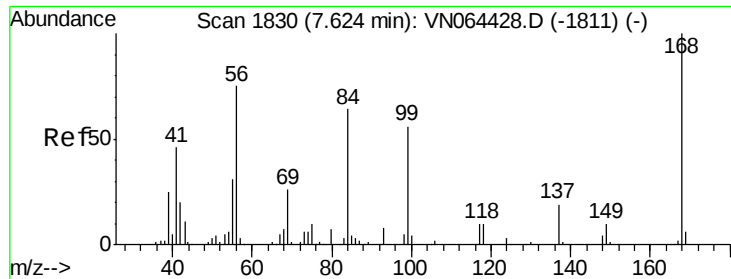
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46883	16.446	ug/l	99
94) Hexachlorobutadiene	14.98	225	30951	23.474	ug/l	96
95) Naphthalene	15.10	128	129134	14.504	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	47853	17.281	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

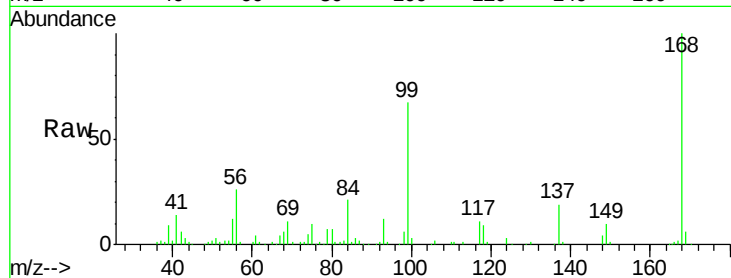
VN1117WBS01

Tot Ion:168 Resp: 279127

Ion Ratio Lower Upper

168 100

99 66.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

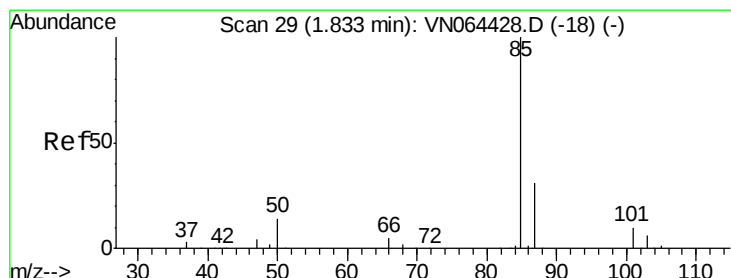
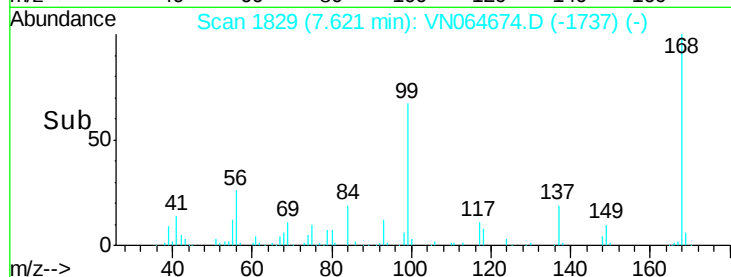
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.433 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064674.D

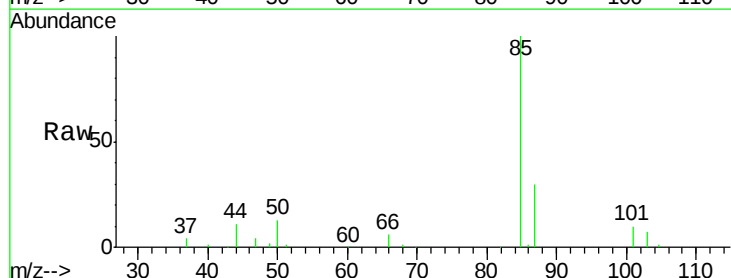
Acq: 17 Nov 2020 12:31

Tgt Ion: 85 Resp: 59711

Ion Ratio Lower Upper

85 100

87 30.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

50000

40000

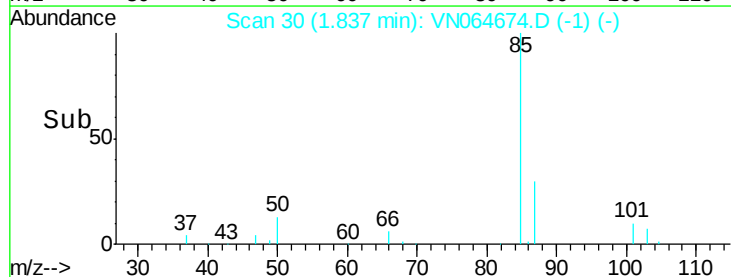
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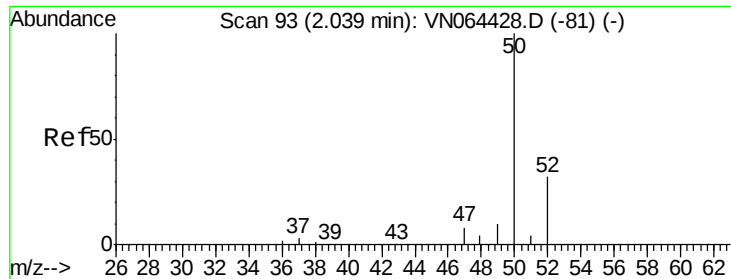
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 14.545 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampled :

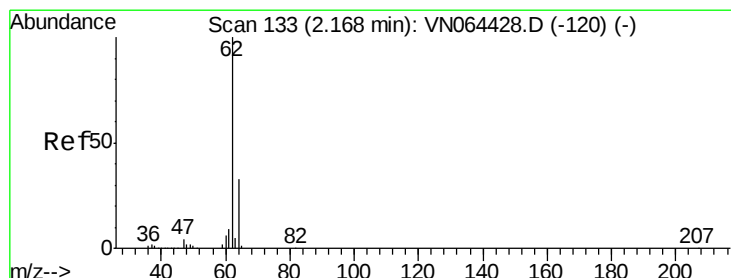
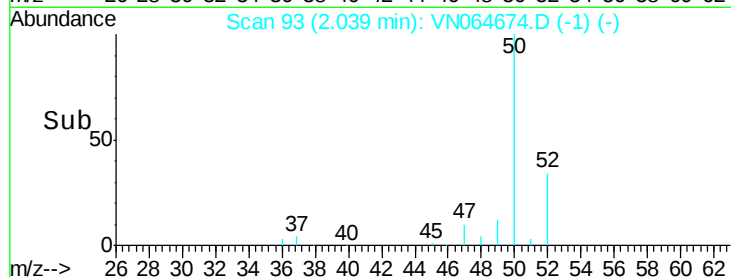
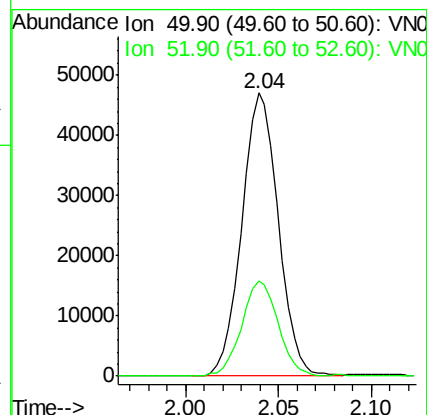
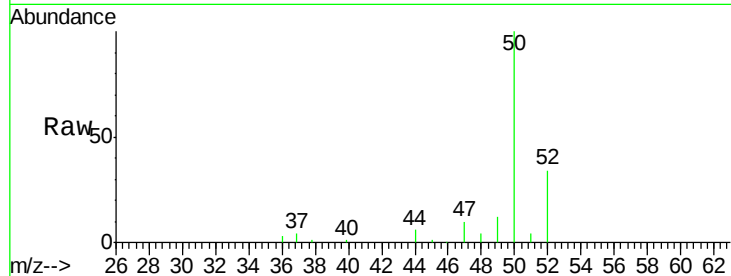
VN1117WBS01

Tot Ion: 50 Resp: 64195

Ion Ratio Lower Upper

50 100

52 33.8 25.3 37.9



#4

Vinyl Chloride

Concen: 15.546 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064674.D

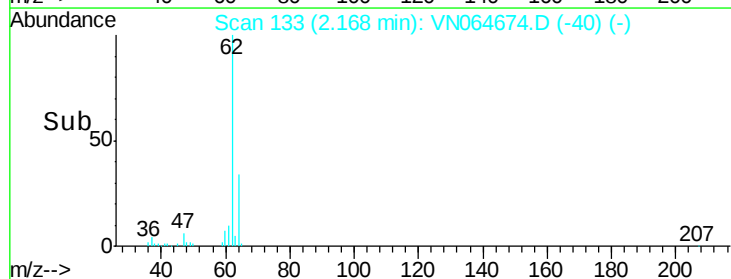
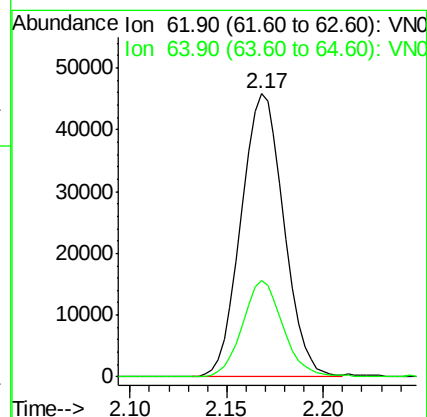
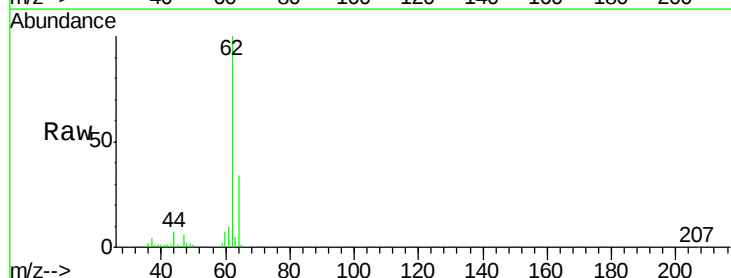
Acq: 17 Nov 2020 12:31

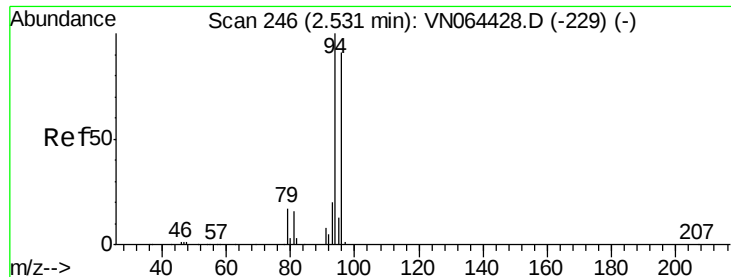
Tgt Ion: 62 Resp: 70457

Ion Ratio Lower Upper

62 100

64 34.1 26.3 39.5





#5

Bromomethane

Concen: 17.638 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

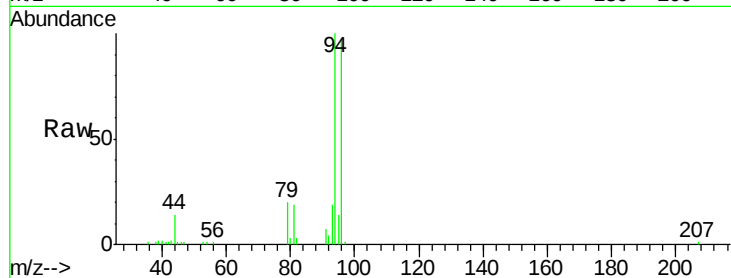
VN1117WBS01

Tot Ion: 94 Resp: 51068

Ion Ratio Lower Upper

94 100

96 97.5 73.1 109.7



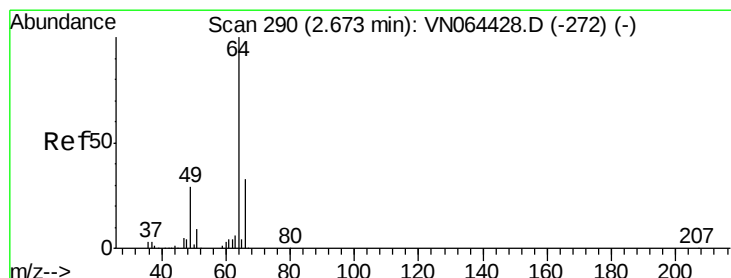
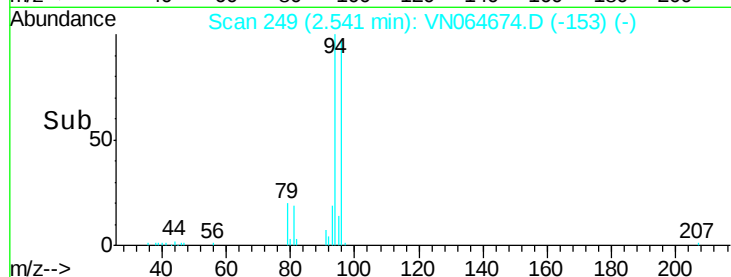
Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 17.364 ug/l

RT: 2.68 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN064674.D

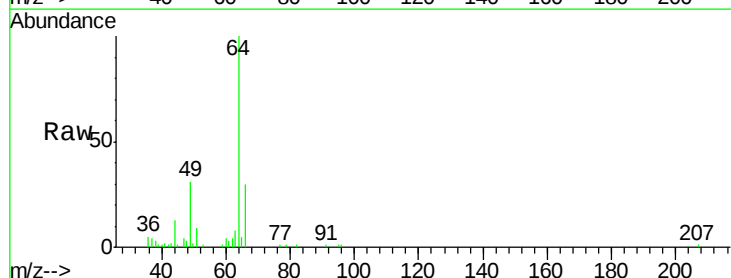
Acq: 17 Nov 2020 12:31

Tgt Ion: 64 Resp: 50386

Ion Ratio Lower Upper

64 100

66 30.3 26.1 39.1



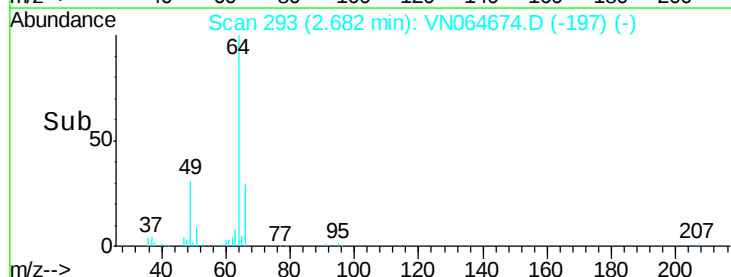
Abundance Ion 63.90 (63.60 to 64.60): VN0

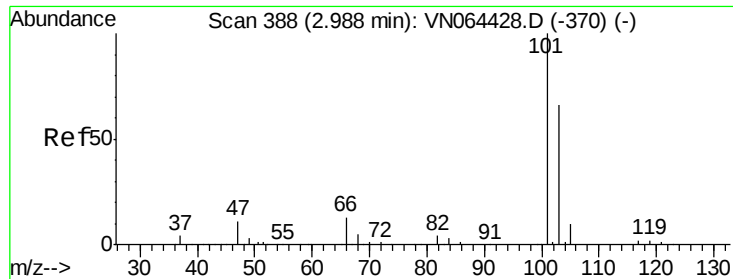
Ion 65.90 (65.60 to 66.60): VN0

2.68

2.60 2.65 2.70 2.75

Time-->



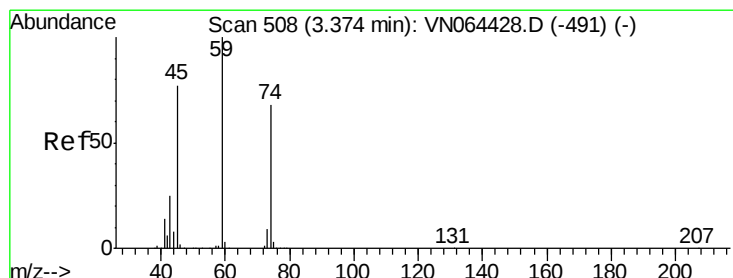
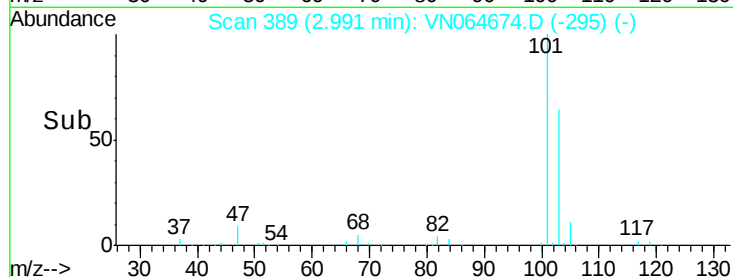
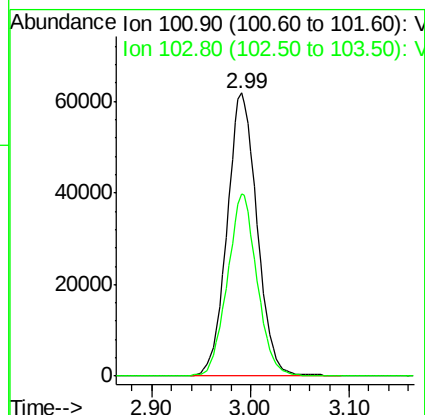
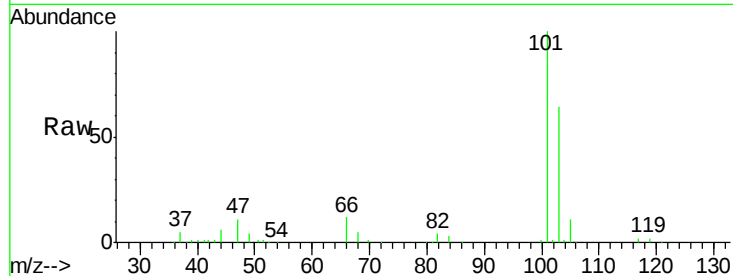


#7

Trichlorofluoromethane
Concen: 19.671 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

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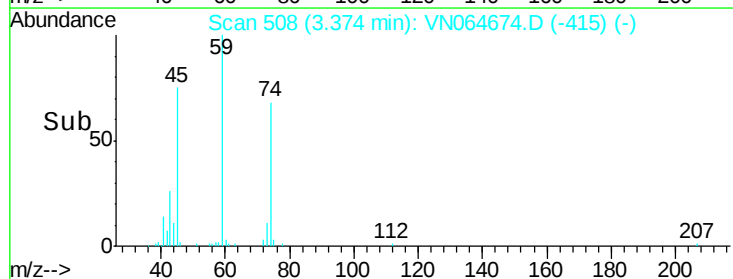
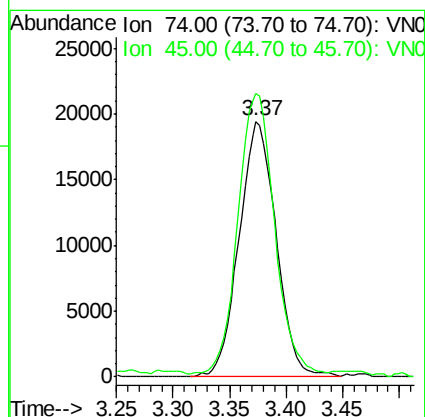
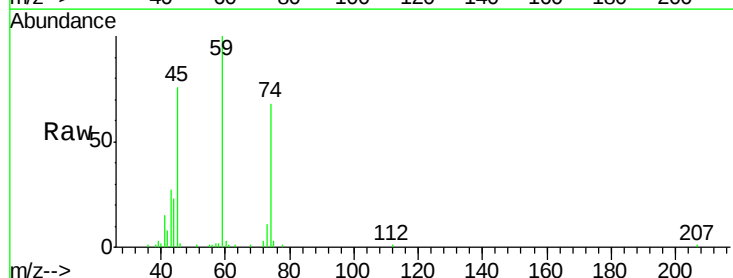
Tot Ion:101 Resp: 131275
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6

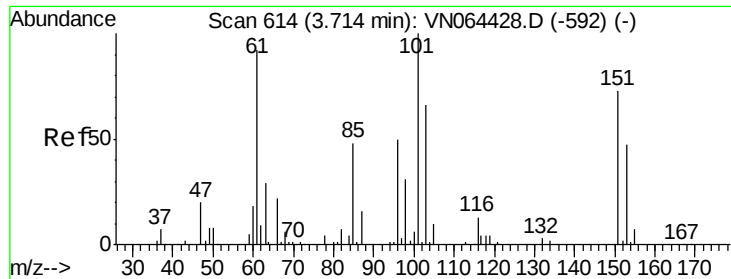


#8

Diethyl Ether
Concen: 18.812 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 74 Resp: 44334
Ion Ratio Lower Upper
74 100
45 107.5 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.624 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

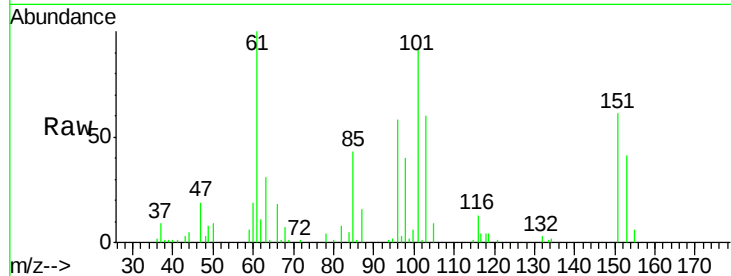
Tot Ion:101 Resp: 59021

Ion Ratio Lower Upper

101 100

85 48.7 38.6 57.8

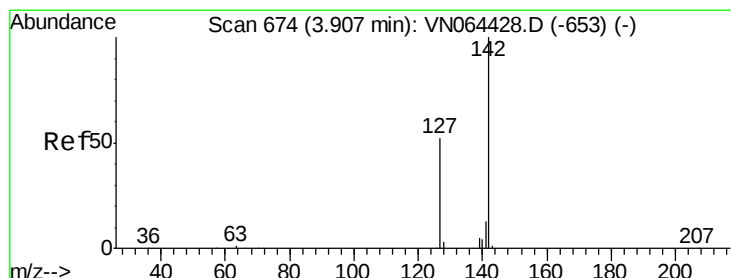
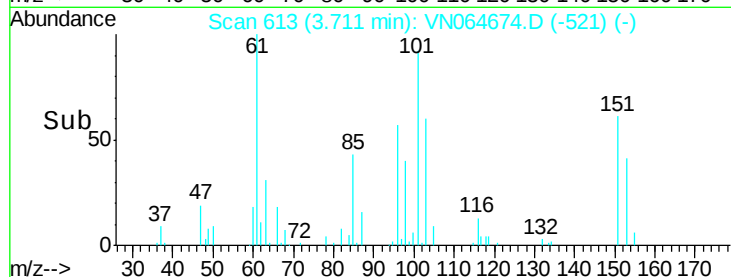
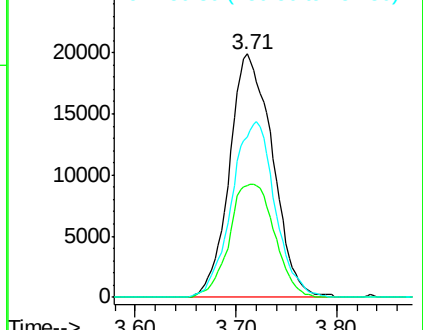
151 72.5 57.5 86.3



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: 15.582 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

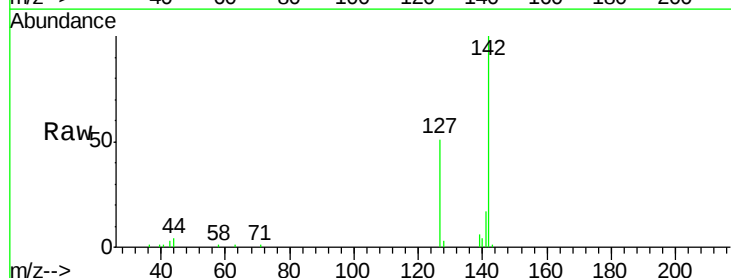
Tgt Ion:142 Resp: 57381

Ion Ratio Lower Upper

142 100

127 53.2 41.8 62.8

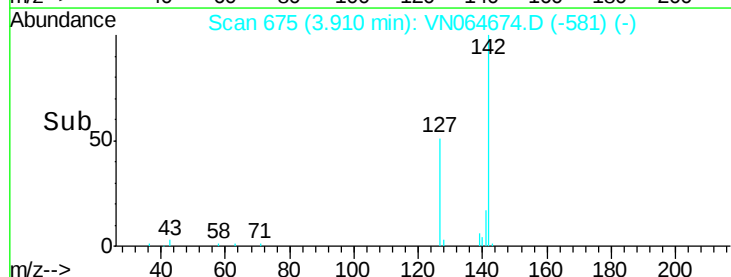
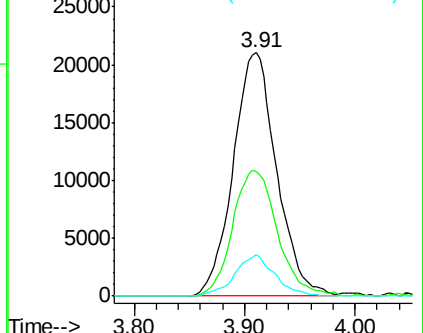
141 15.6 11.4 17.2

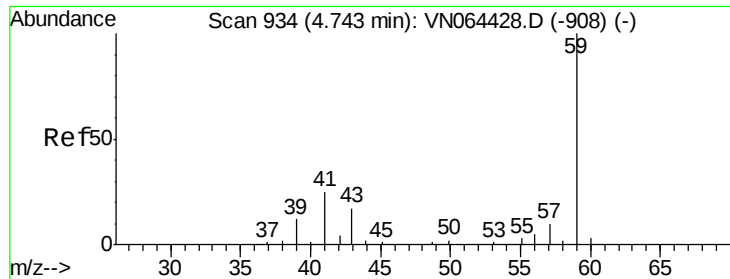


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

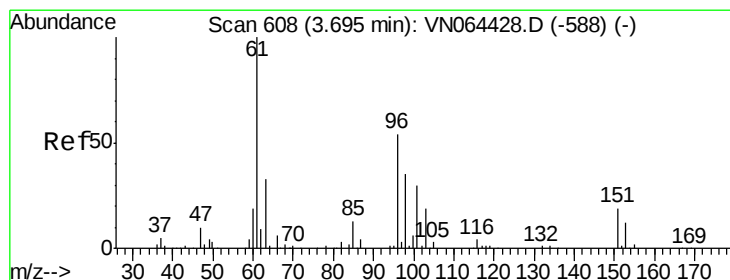
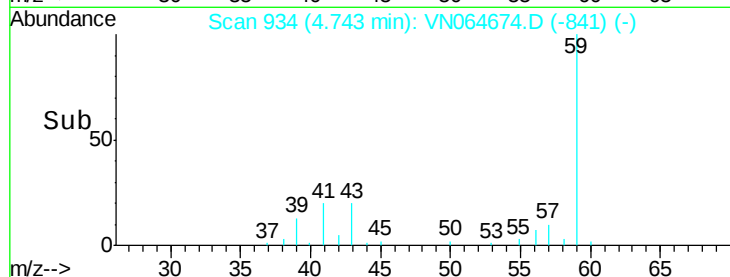
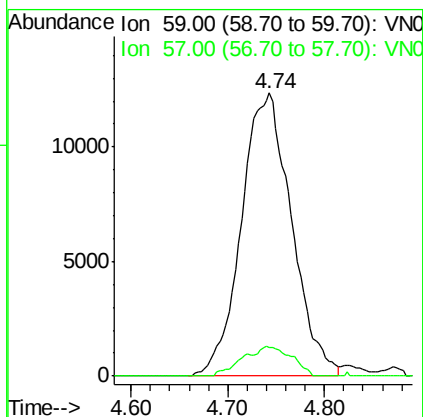
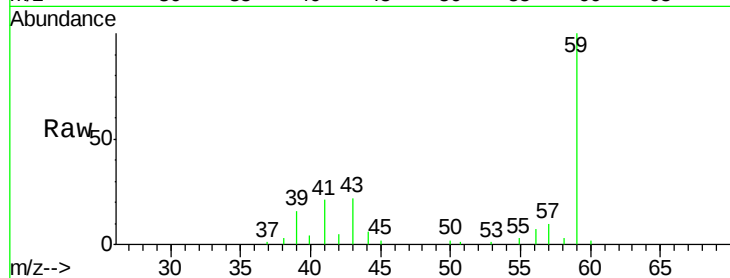




#11
Tert butyl alcohol
Concen: 82.869 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

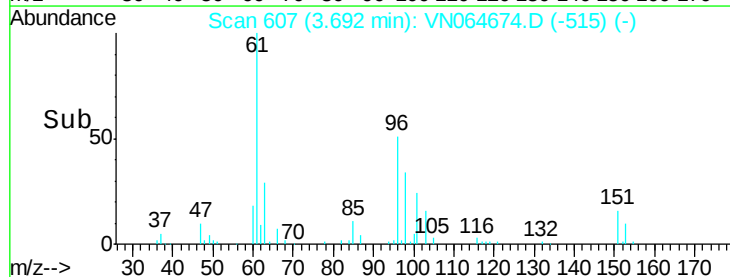
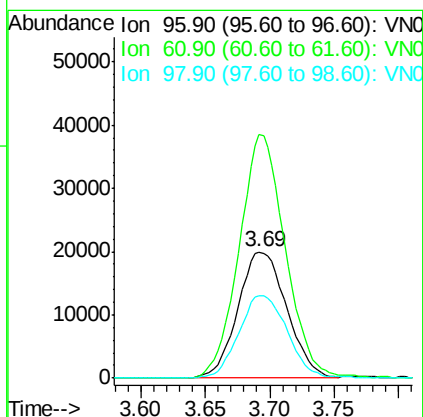
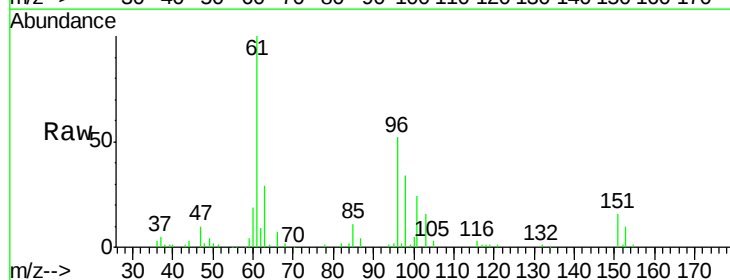
Instrument :
MSVOA_N
ClientSampled :
VN1117WBS01

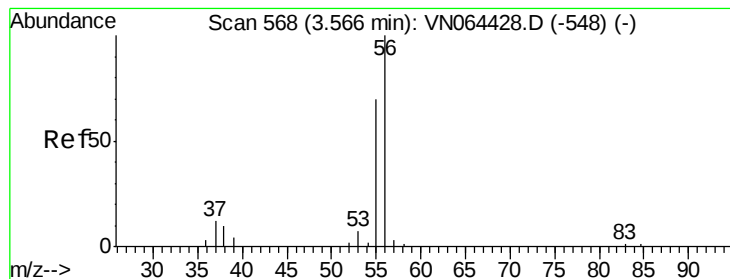
Tot Ion: 59 Resp: 44432
Ion Ratio Lower Upper
59 100
57 7.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 17.623 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 96 Resp: 52607
Ion Ratio Lower Upper
96 100
61 192.9 149.5 224.3
98 65.5 52.4 78.6





#13

Acrolein

Concen: 58.728 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

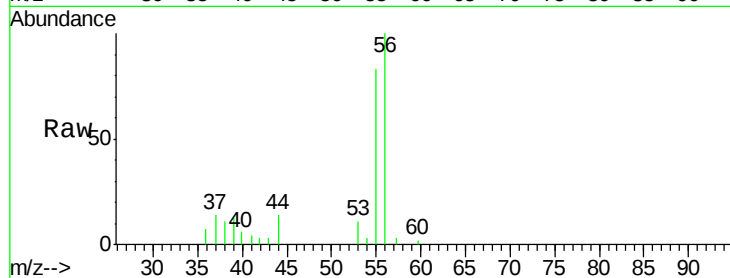
VN1117WBS01

Tot Ion: 56 Resp: 19532

Ion Ratio Lower Upper

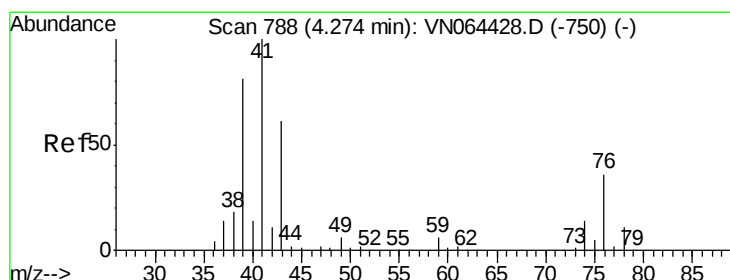
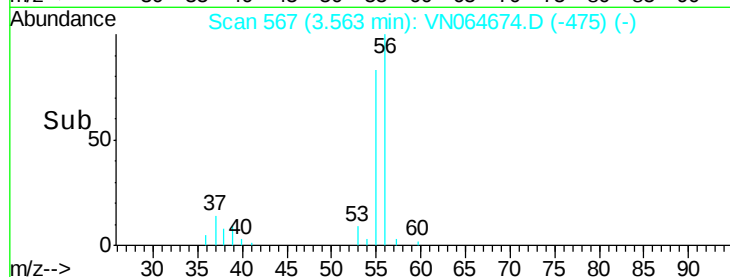
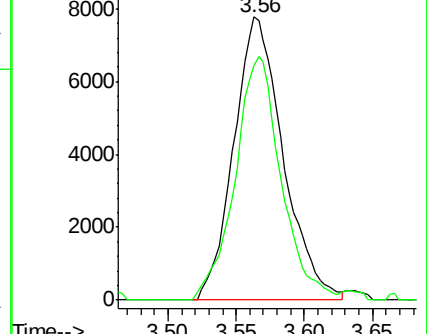
56 100

55 80.2 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN064674.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064674.D (-475) (-)



#14

Allyl chloride

Concen: 16.036 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

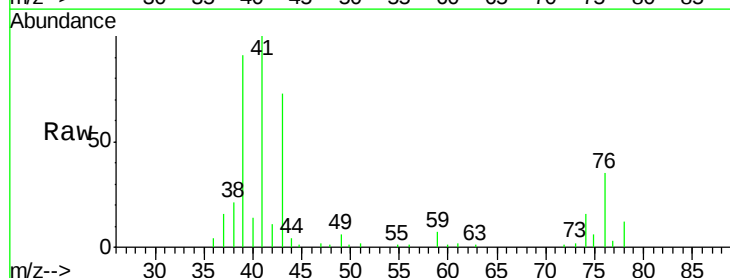
Tgt Ion: 41 Resp: 93642

Ion Ratio Lower Upper

41 100

39 78.5 61.8 92.8

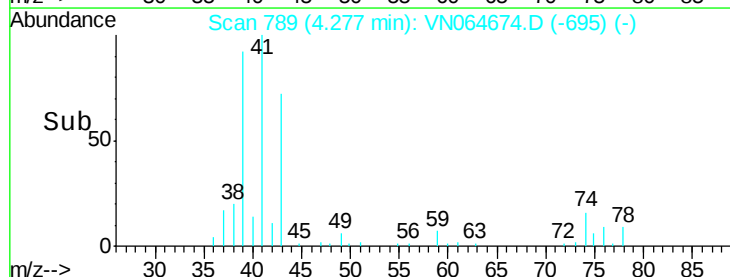
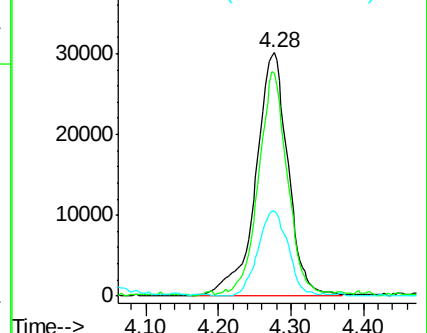
76 32.5 25.4 38.0

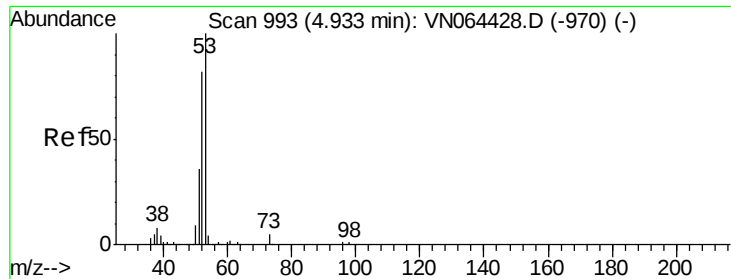


Abundance Ion 41.00 (40.70 to 41.70): VN064674.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064674.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064674.D (-695) (-)





#15

Acrylonitrile

Concen: 84.222 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

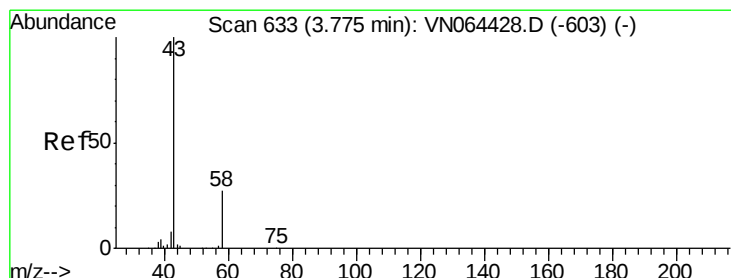
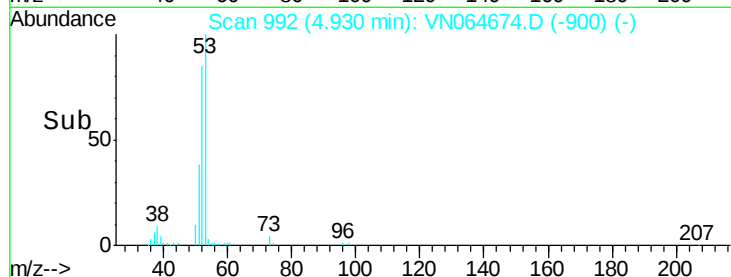
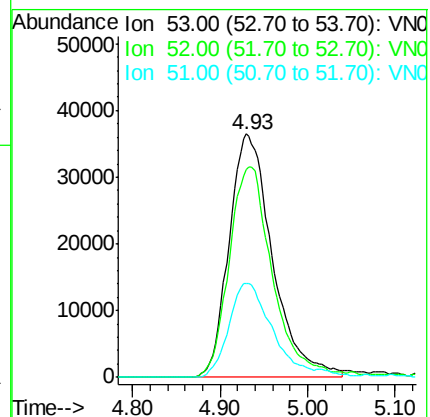
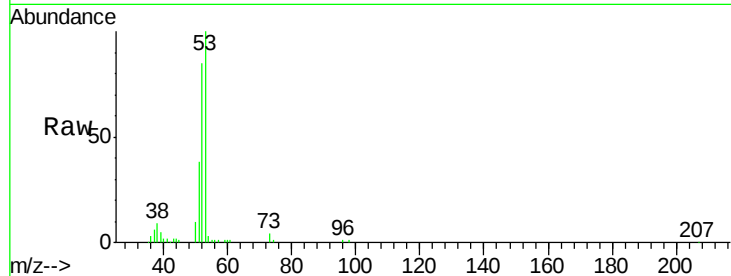
Tot Ion: 53 Resp: 125724

Ion Ratio Lower Upper

53 100

52 86.0 65.6 98.4

51 38.1 29.9 44.9



#16

Acetone

Concen: 84.451 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064674.D

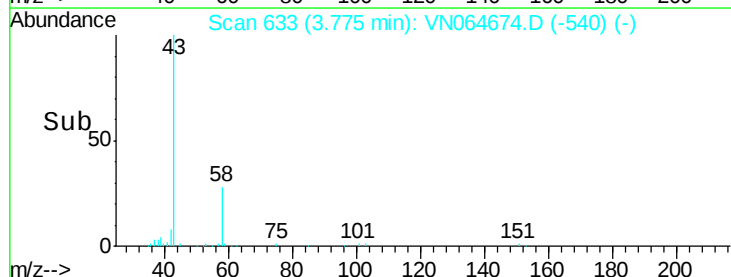
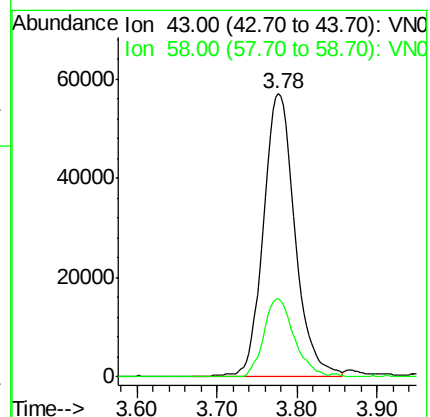
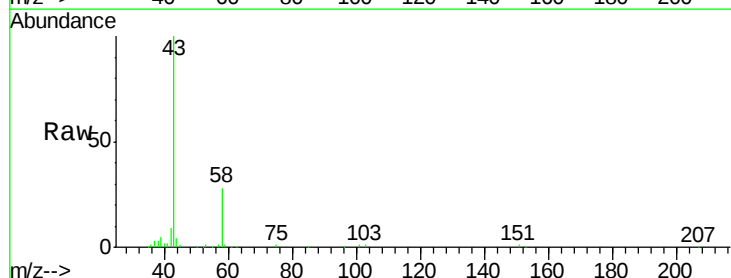
Acq: 17 Nov 2020 12:31

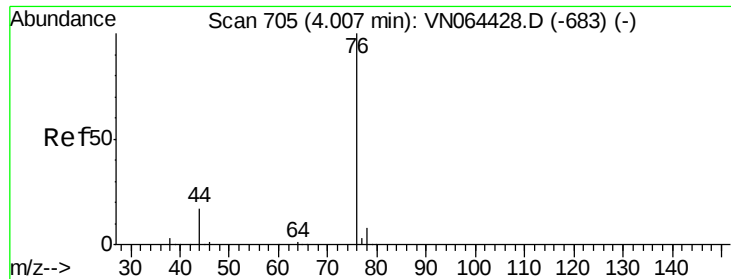
Tgt Ion: 43 Resp: 156404

Ion Ratio Lower Upper

43 100

58 27.8 21.4 32.0

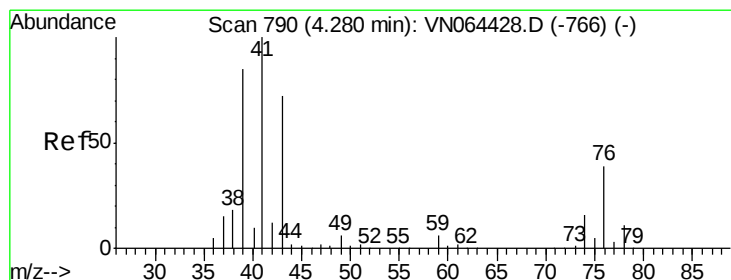
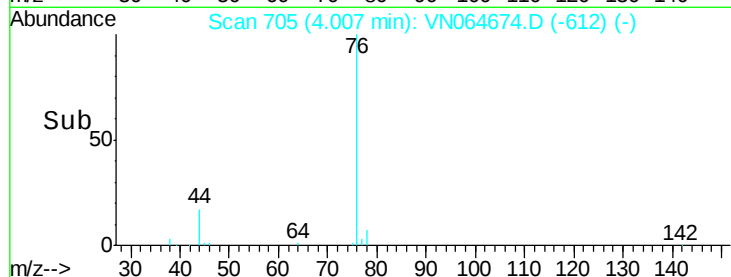
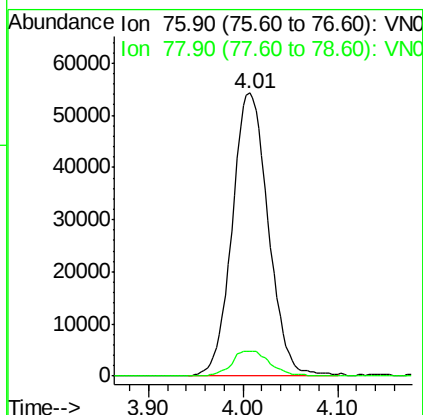
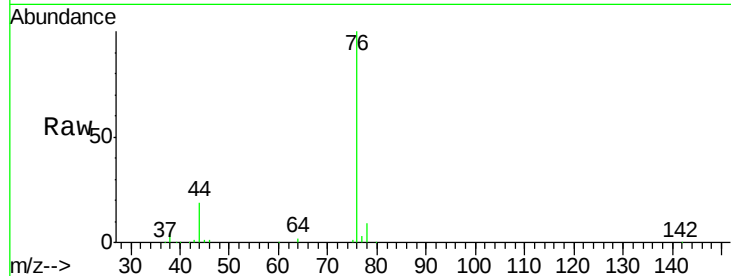




#17
Carbon Disulfide
Concen: 16.146 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

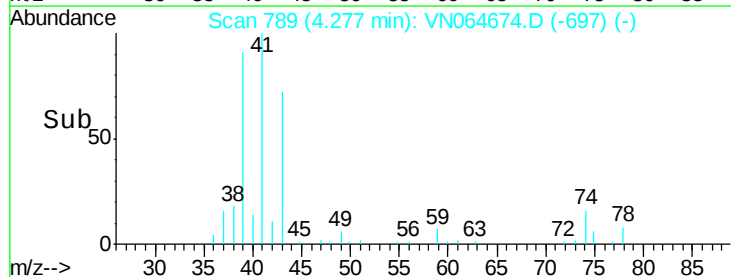
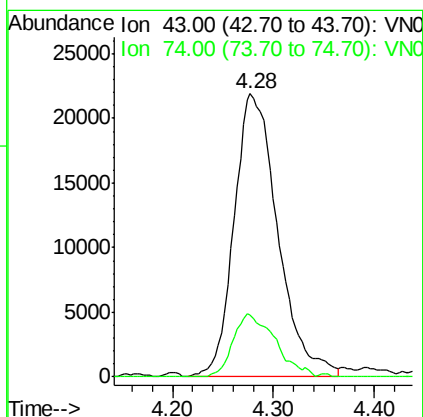
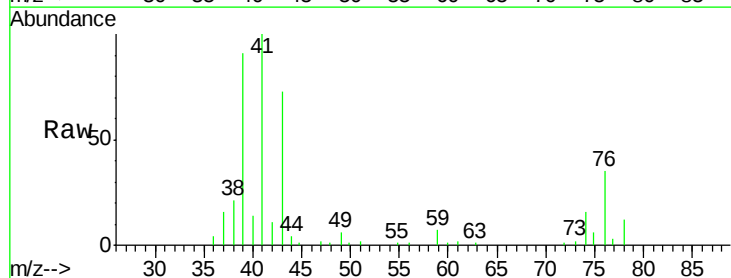
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

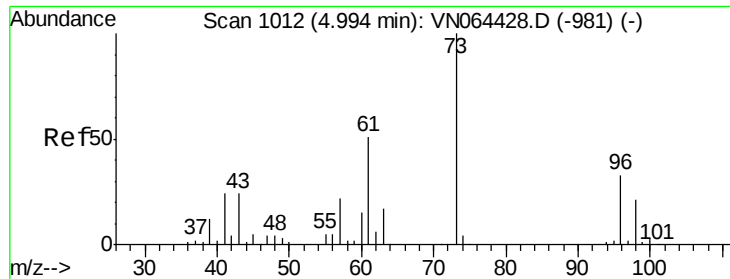
Tot Ion: 76 Resp: 144138
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 18.159 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 43 Resp: 66116
Ion Ratio Lower Upper
43 100
74 21.3 17.0 25.4

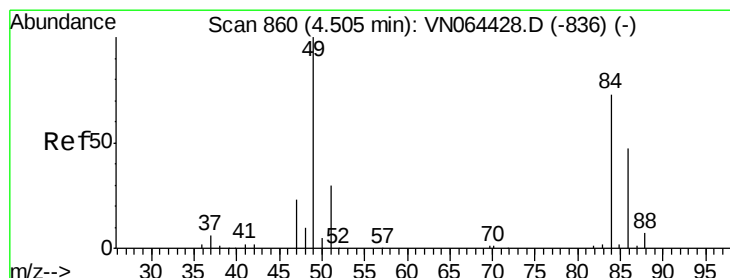
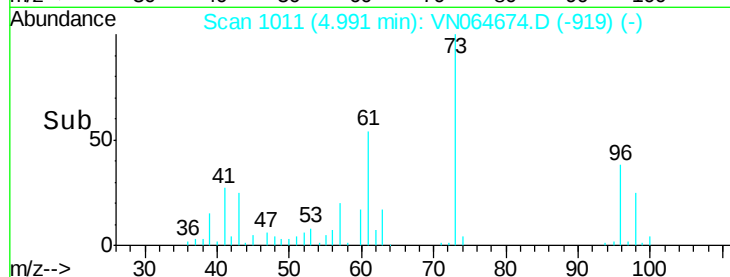
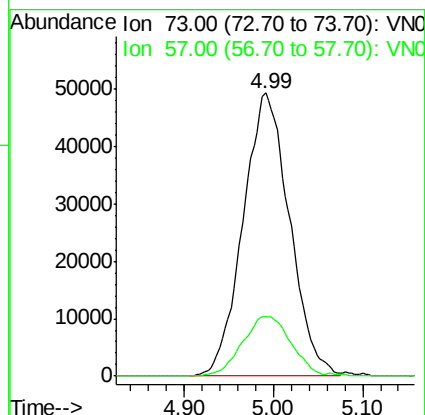
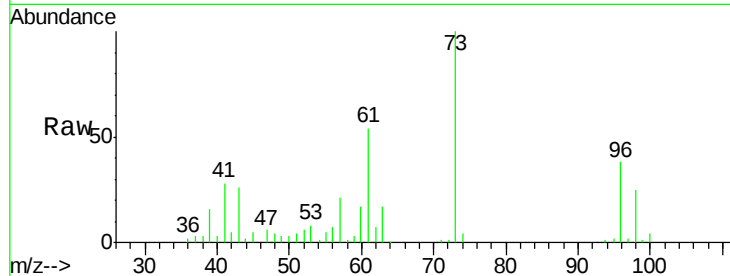




#19
Methvl tert-butvl Ether
Concen: 16.581 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

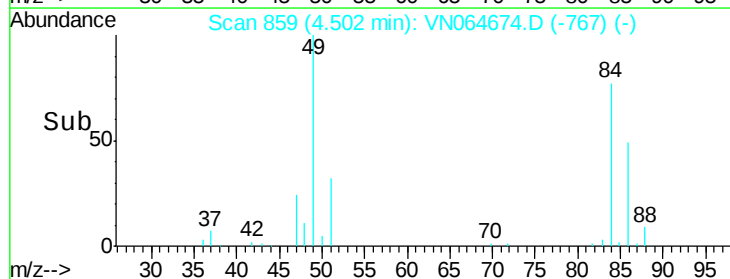
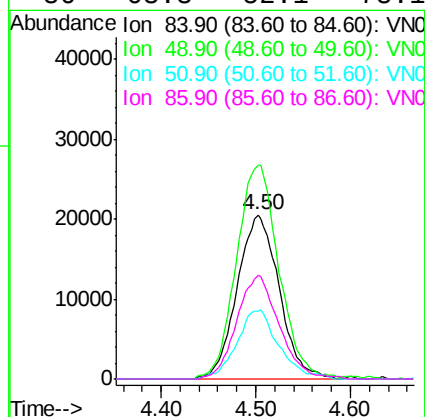
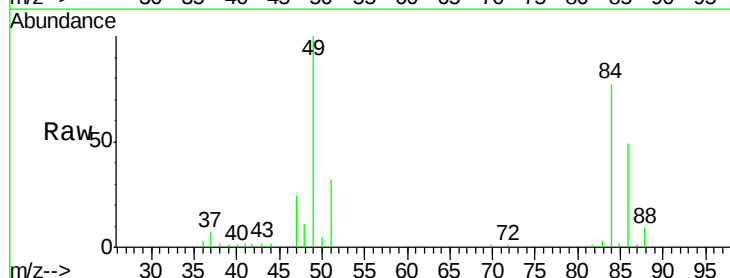
Instrument :
MSVOA_N
ClientSampled :
VN1117WBS01

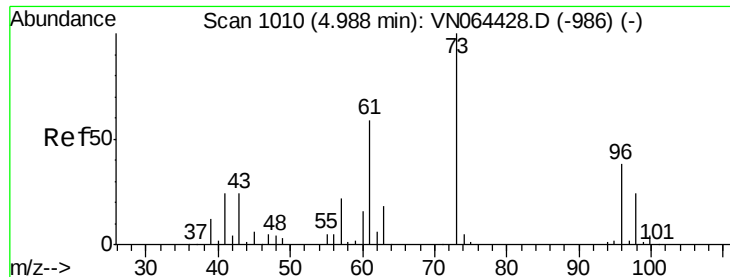
Tot Ion: 73 Resp: 178143
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 17.201 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 84 Resp: 63205
Ion Ratio Lower Upper
84 100
49 130.3 110.1 165.1
51 41.6 33.6 50.4
86 63.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.203 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

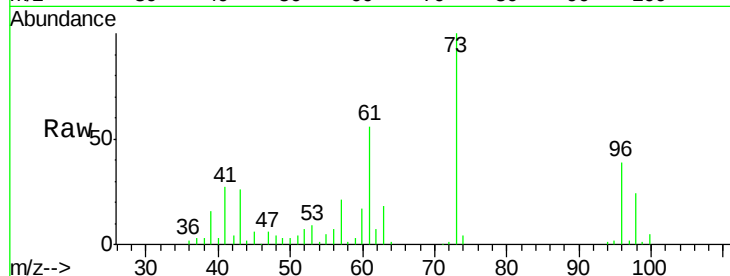
Tot Ion: 96 Resp: 58310

Ion Ratio Lower Upper

96 100

61 143.8 122.4 183.6

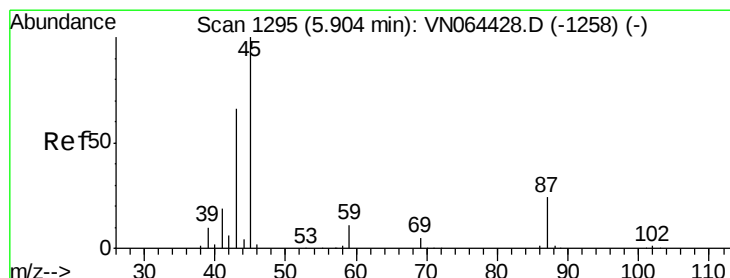
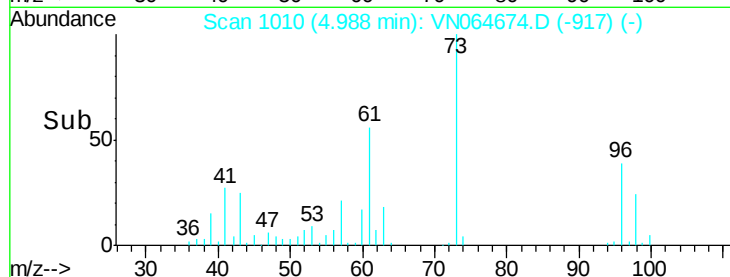
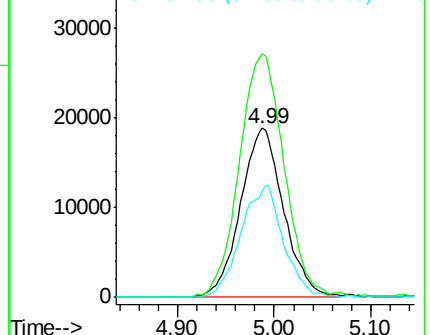
98 62.7 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064674.D (-1202) (-)

Ion 60.90 (60.60 to 61.60): VN064674.D (-1202) (-)

Ion 97.90 (97.60 to 98.60): VN064674.D (-1202) (-)



#22

Diisopropyl ether

Concen: 16.091 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion: 45 Resp: 199464

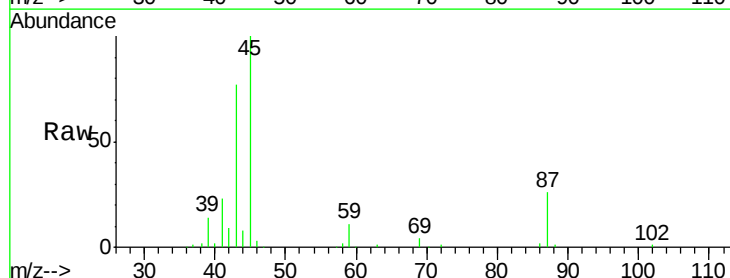
Ion Ratio Lower Upper

45 100

43 73.7 53.2 79.8

87 25.6 19.9 29.9

59 10.5 8.6 13.0

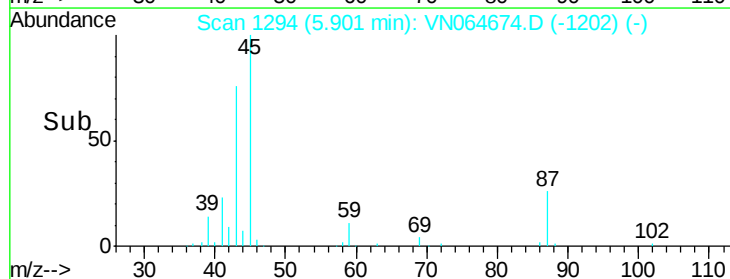
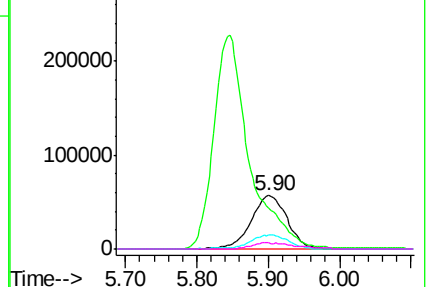


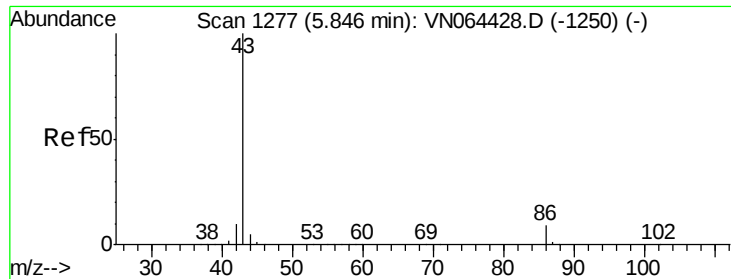
Abundance Ion 45.00 (44.70 to 45.70): VN064674.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064674.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064674.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064674.D (-1202) (-)

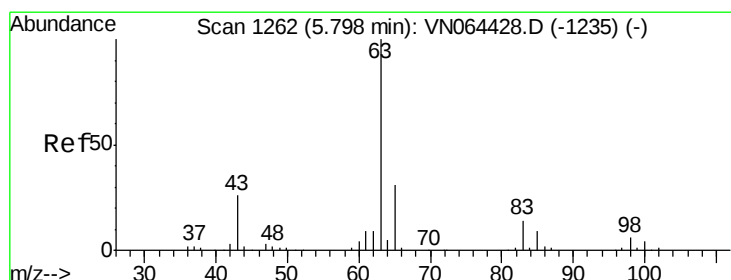
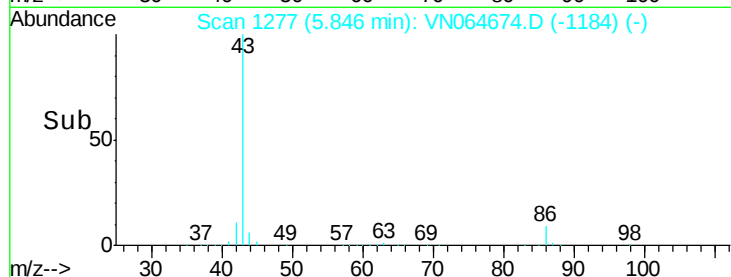
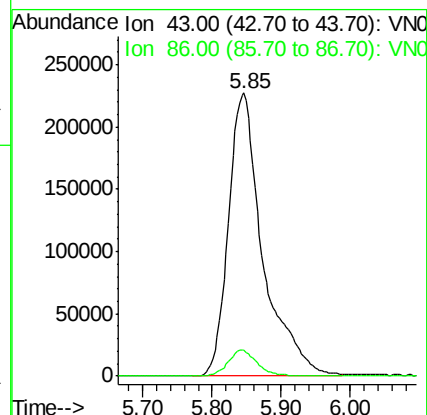
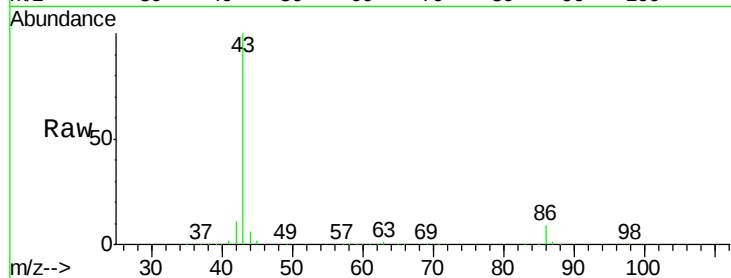




#23
 Vinyl Acetate
 Concen: 78.268 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

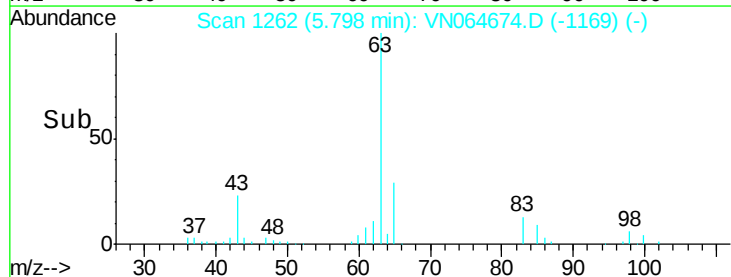
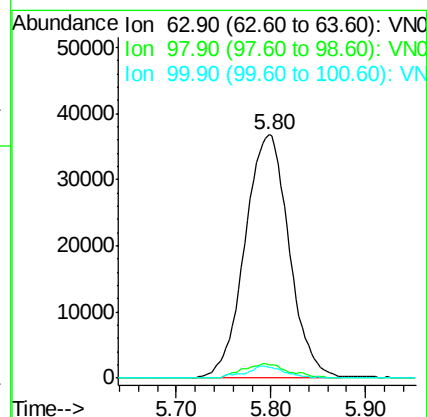
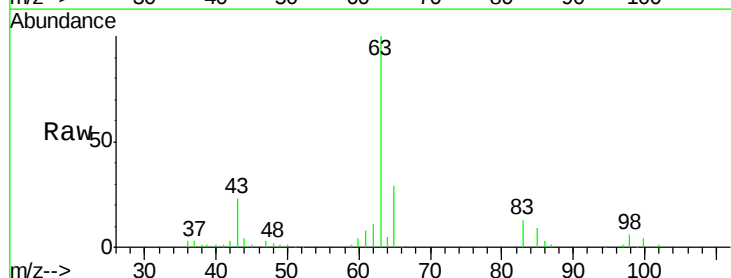
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

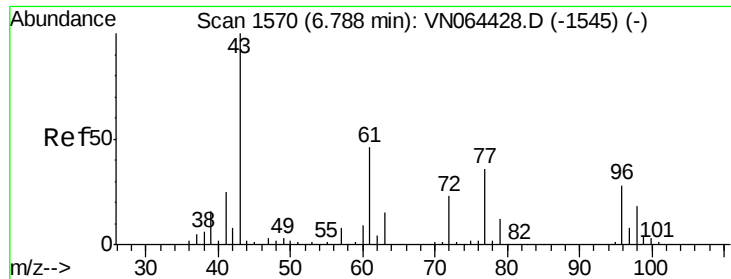
Tot Ion: 43 Resp: 789268
 Ion Ratio Lower Upper
 43 100
 86 9.0 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 17.505 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 63 Resp: 119240
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.2
 100 4.4 1.8 5.3





#25

2-Butanone

Concen: 78.864 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampled :

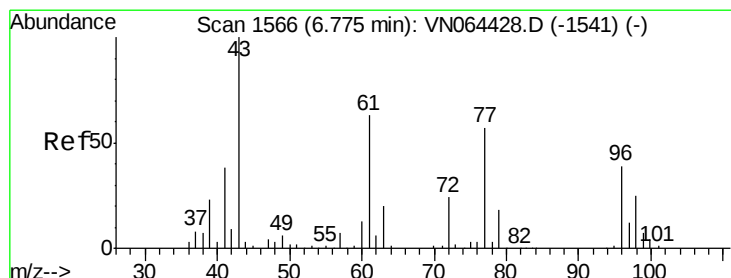
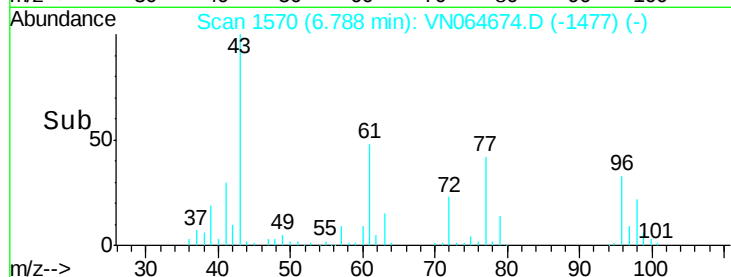
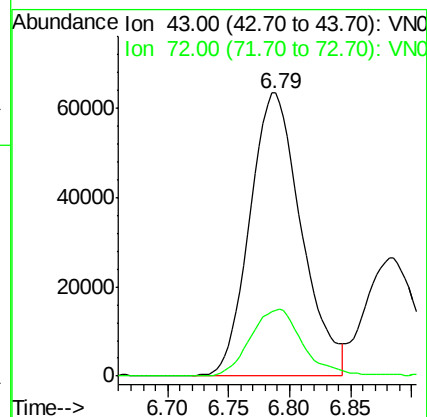
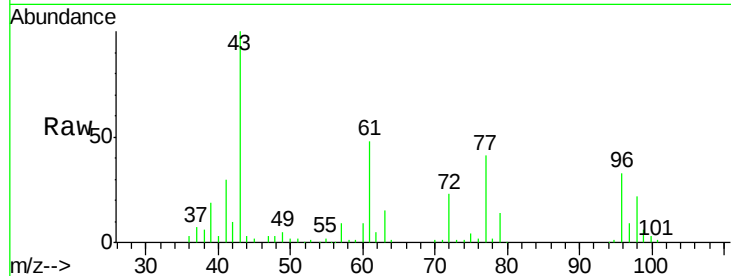
VN1117WBS01

Tot Ion: 43 Resp: 186096

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.796 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064674.D

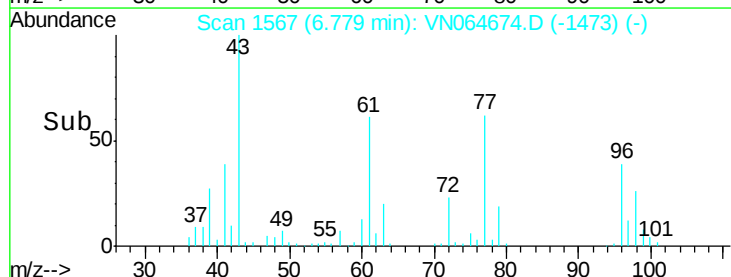
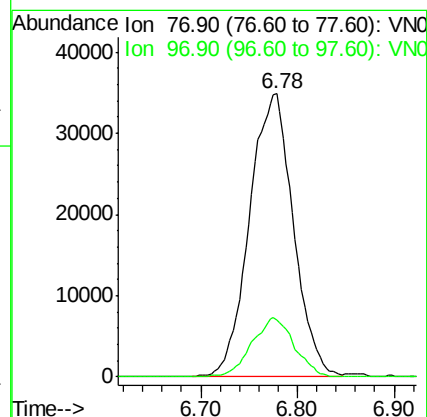
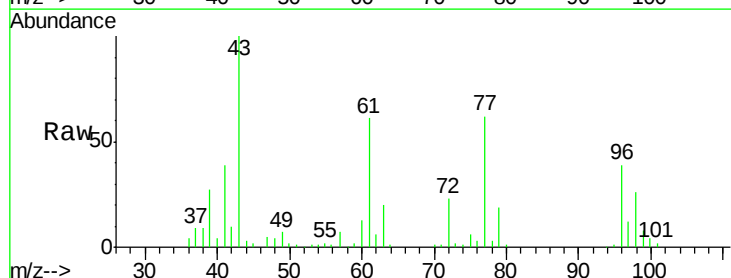
Acq: 17 Nov 2020 12:31

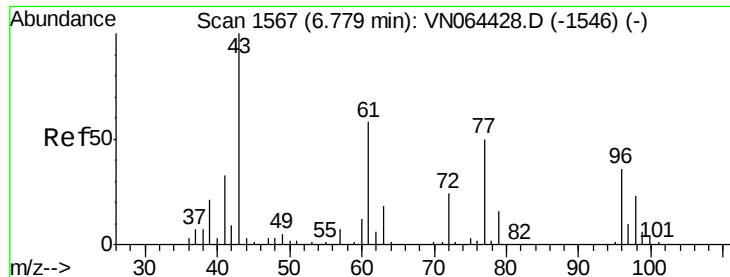
Tgt Ion: 77 Resp: 109736

Ion Ratio Lower Upper

77 100

97 20.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.202 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

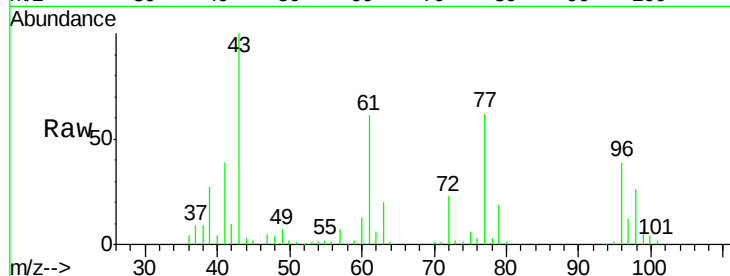
Tot Ion: 96 Resp: 67563

Ion Ratio Lower Upper

96 100

61 158.1 0.0 329.6

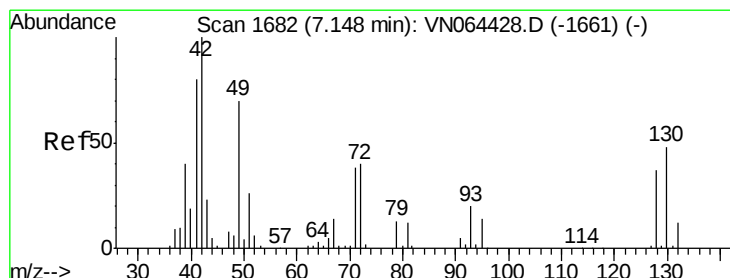
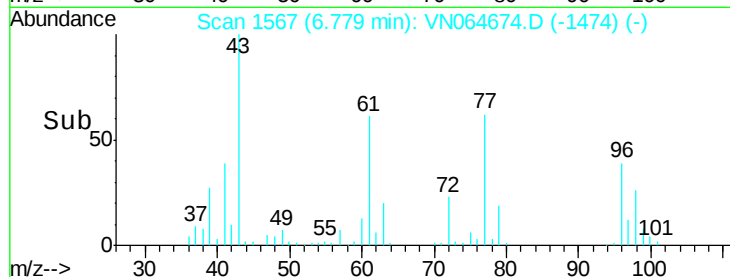
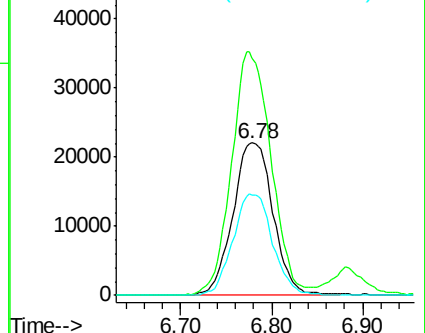
98 65.6 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064674.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064674.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064674.D (-1474) (-)



#28

Bromochloromethane

Concen: 16.528 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

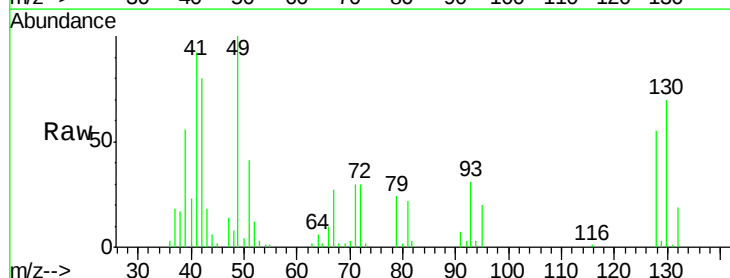
Tgt Ion: 49 Resp: 55340

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.6

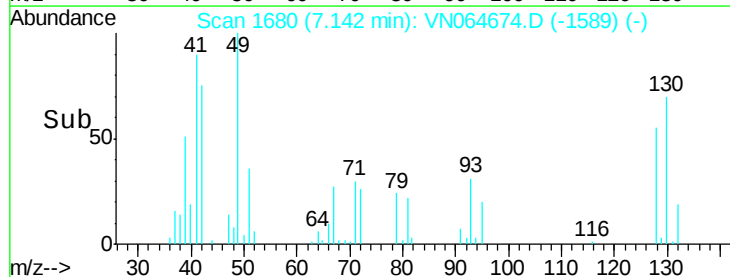
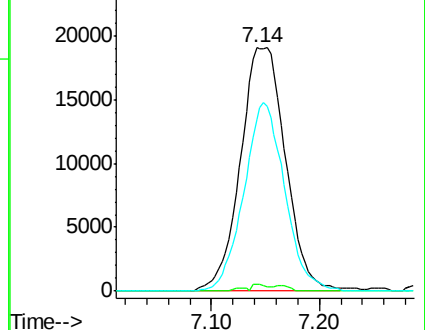
130 70.2 54.2 81.4

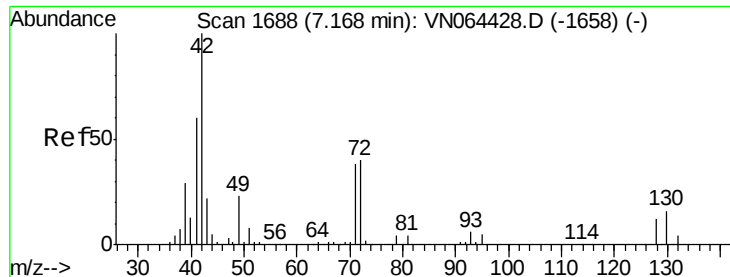


Abundance Ion 48.90 (48.60 to 49.60): VN064674.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064674.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064674.D (-1589) (-)

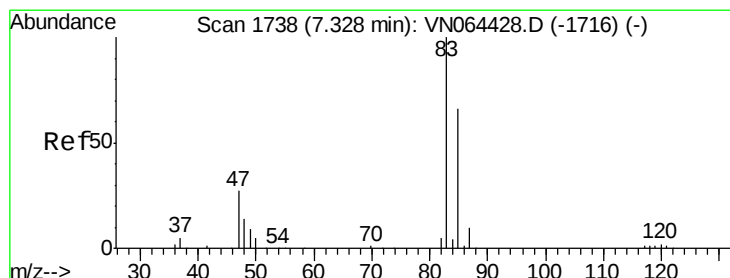
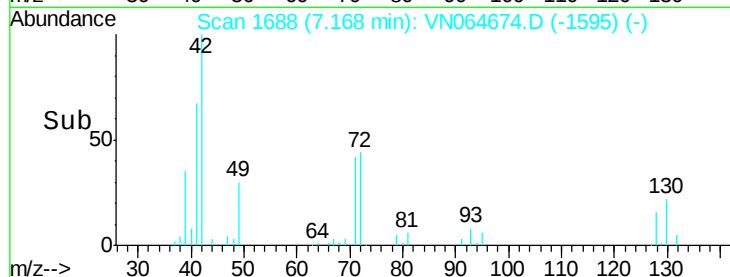
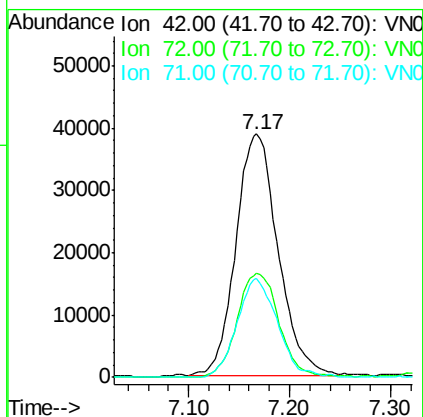
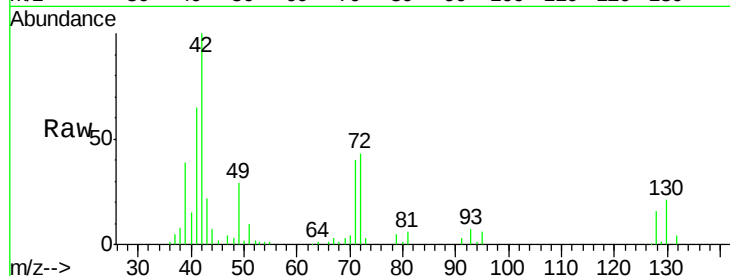




#29
Tetrahydrofuran
Concen: 77.357 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

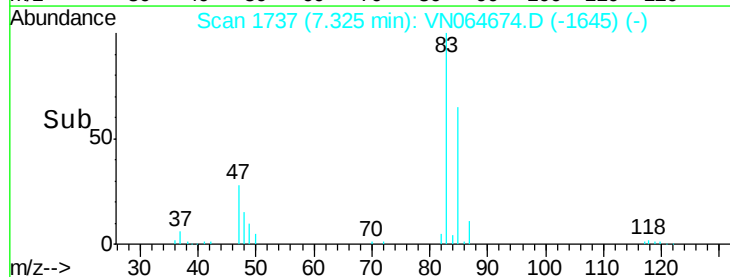
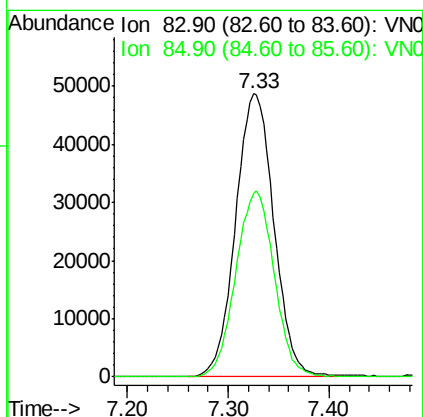
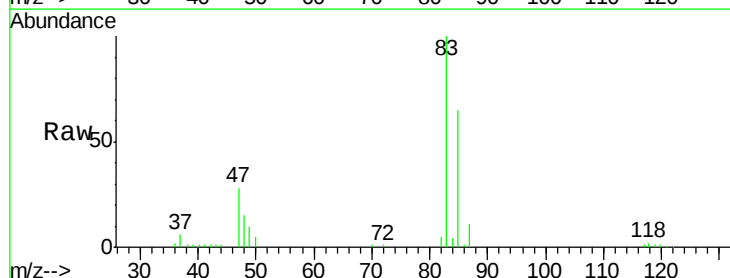
Instrument :
MSVOA_N
ClientSampled :
VN1117WBS01

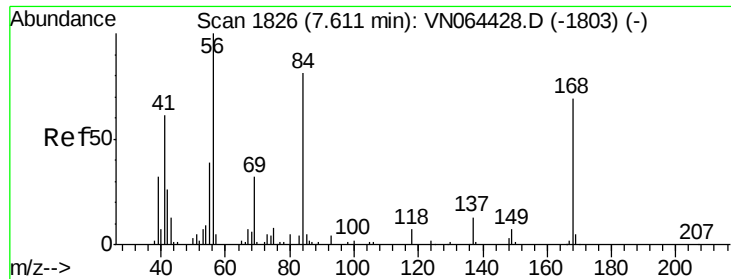
Tot Ion: 42 Resp: 111993
Ion Ratio Lower Upper
42 100
72 43.0 31.7 47.5
71 39.2 29.8 44.6



#30
Chloroform
Concen: 17.917 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 83 Resp: 128290
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7

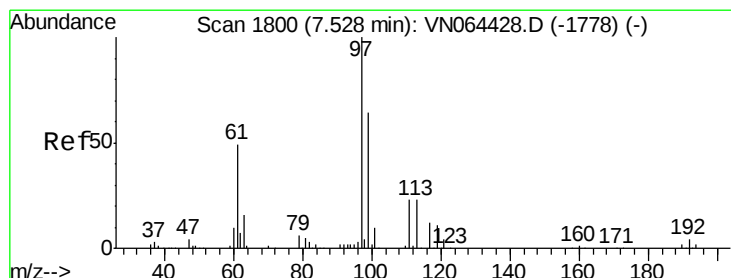
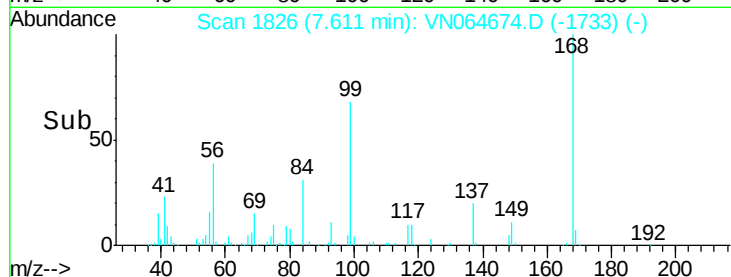
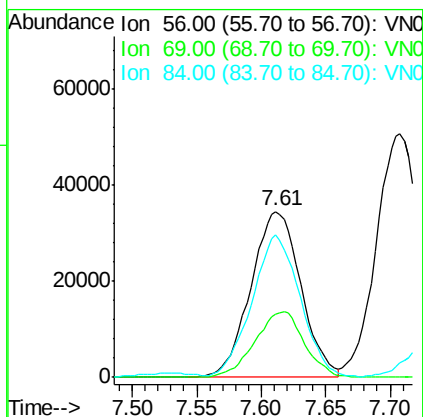
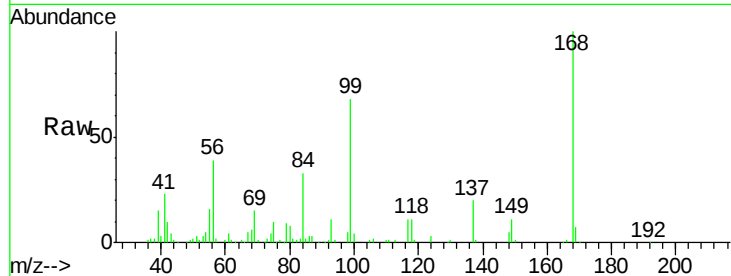




#31
Cyclohexane
Concen: 15.777 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

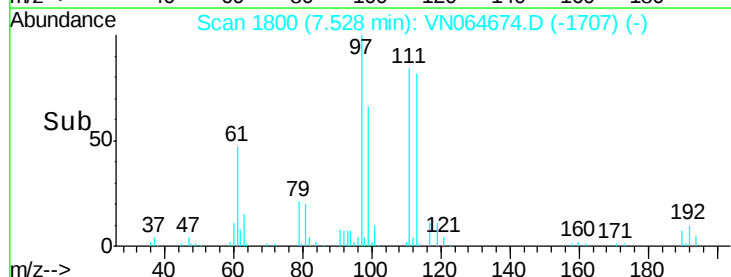
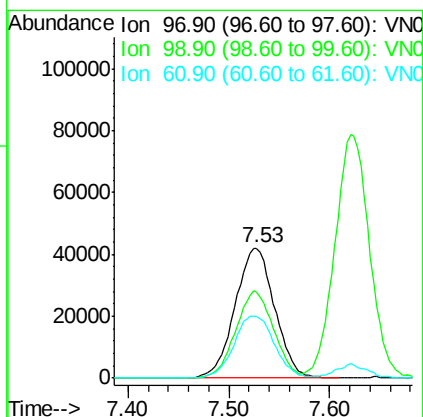
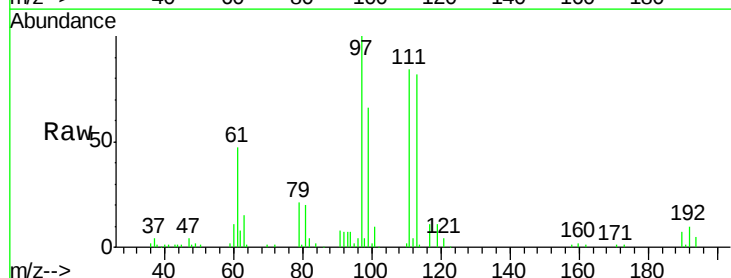
Instrument :
MSVOA_N
ClientSampled :
VN1117WBS01

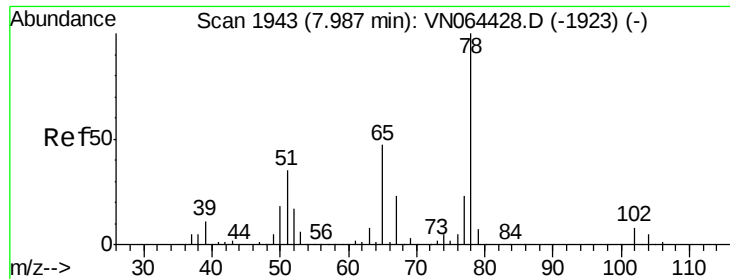
Tot Ion: 56 Resp: 93244
Ion Ratio Lower Upper
56 100
69 38.1 25.6 38.4
84 84.5 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 17.998 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 97 Resp: 114297
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 48.6 39.1 58.7

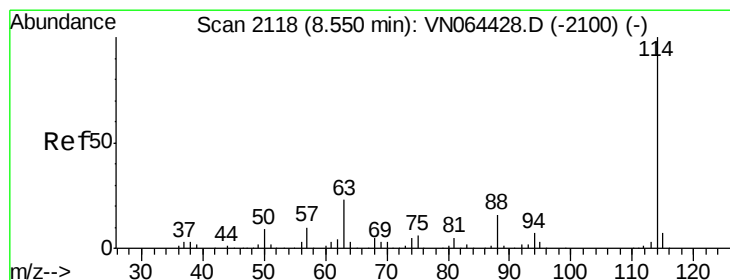
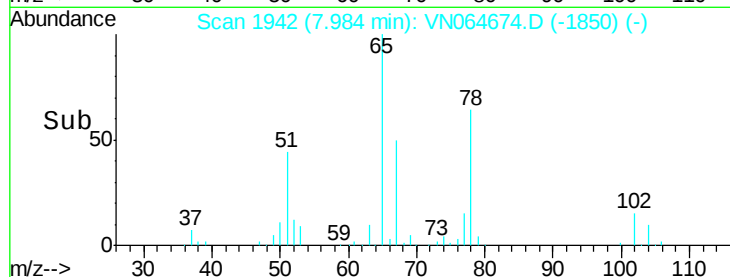
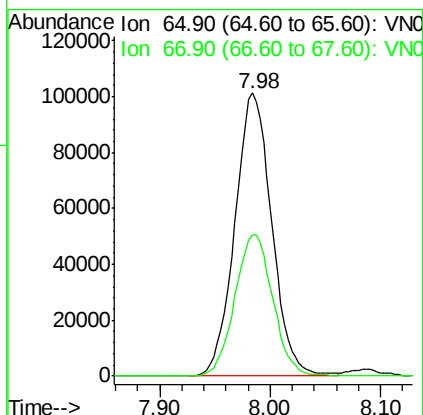
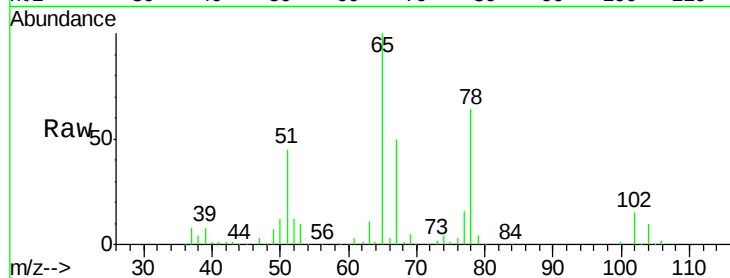




#33
 1,2-Dichloroethane-d4
 Concen: 48.313 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

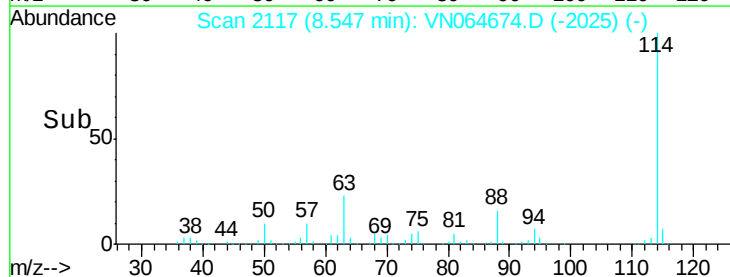
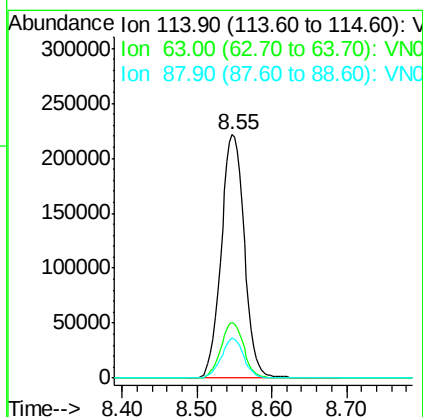
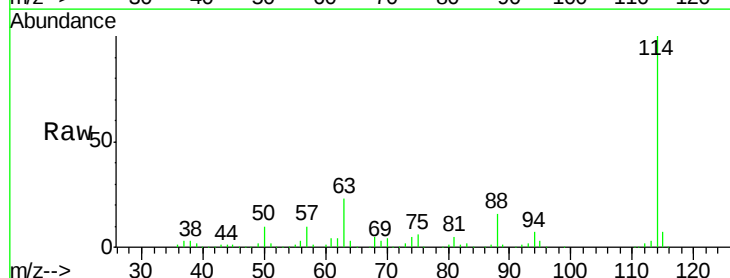
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

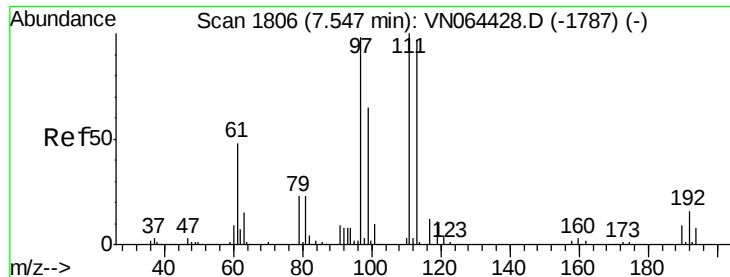
Tot Ion: 65 Resp: 234895
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 114 Resp: 474361
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.5 0.0 32.8

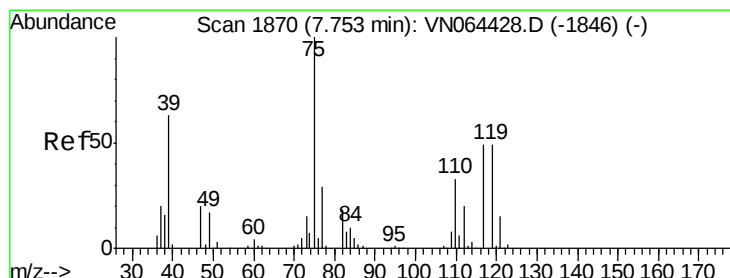
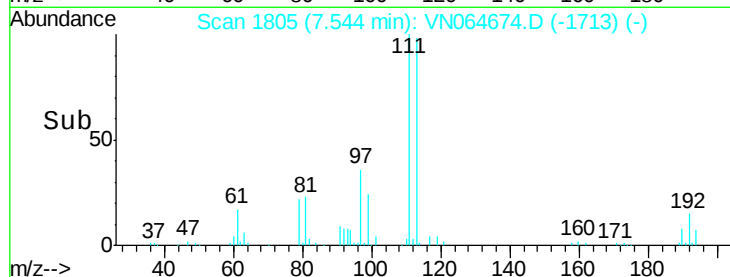
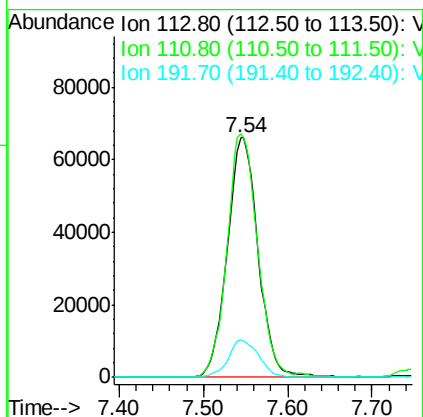
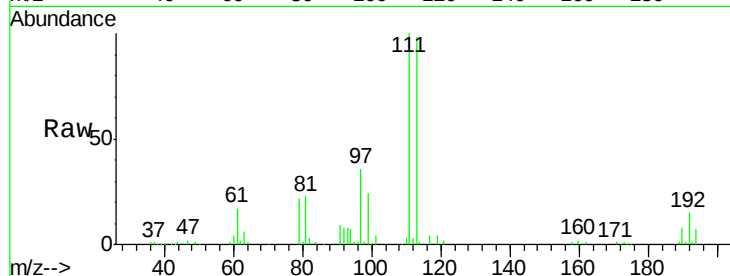




#35
 Dibromofluoromethane
 Concen: 51.981 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

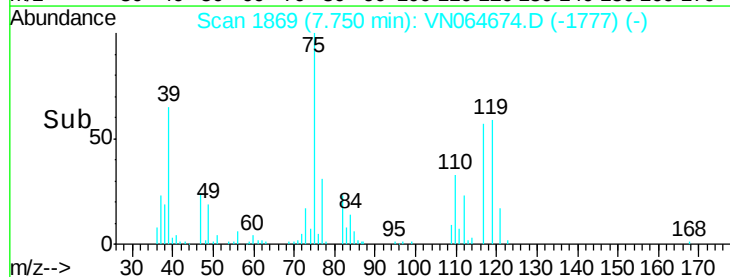
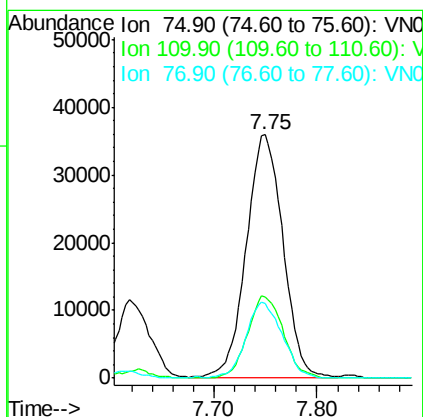
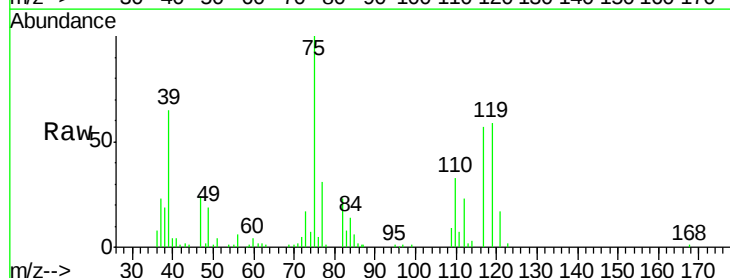
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

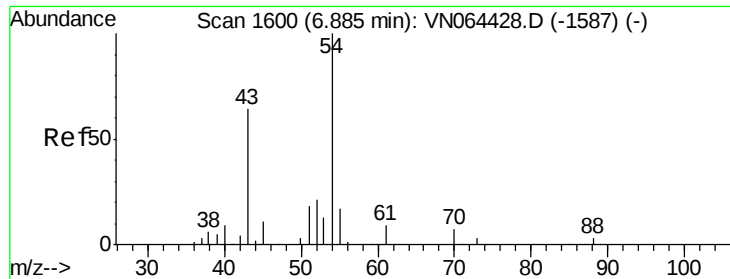
Tot Ion:113 Resp: 167884
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.1 121.7
 192 15.4 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 17.618 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 75 Resp: 88287
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.0 48.0
 77 30.9 24.0 36.0

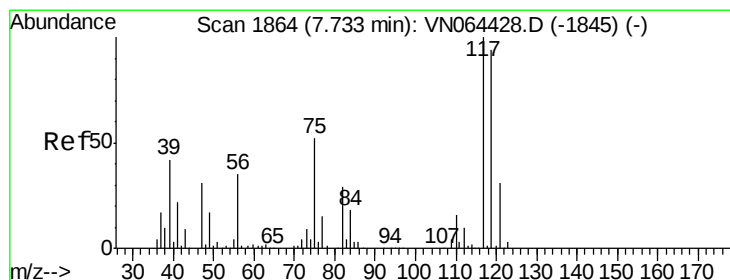
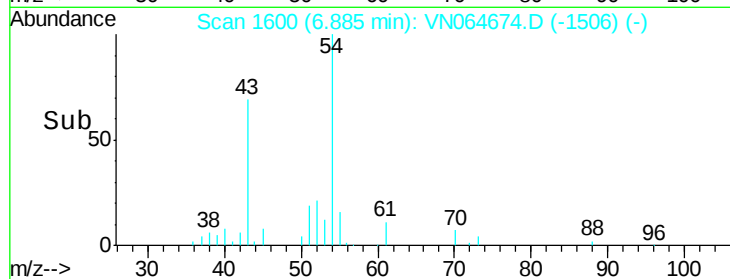
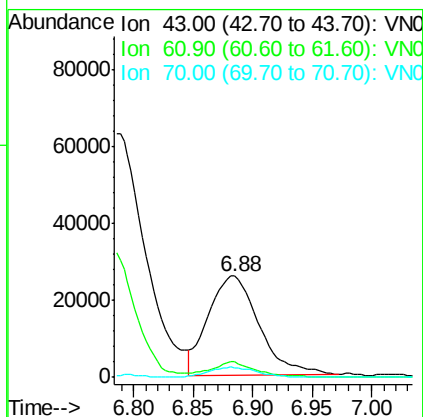
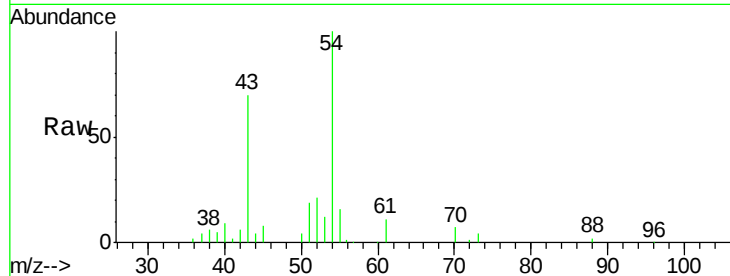




#37
Ethyl Acetate
Concen: 15.632 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

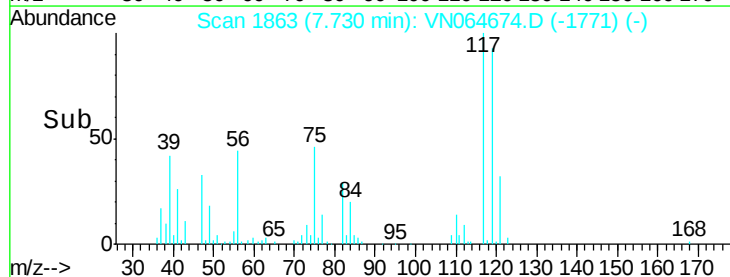
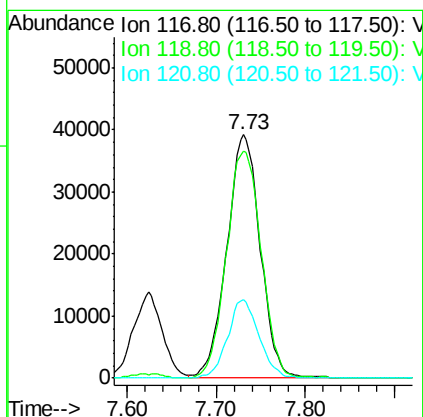
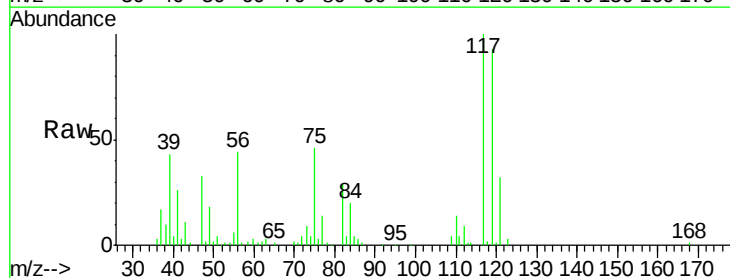
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

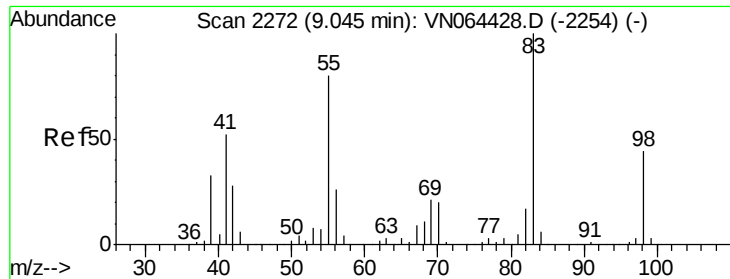
Tot Ion: 43 Resp: 76800
Ion Ratio Lower Upper
43 100
61 11.1 10.0 15.0
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.055 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 117 Resp: 102057
Ion Ratio Lower Upper
117 100
119 93.3 75.5 113.3
121 32.2 24.4 36.6

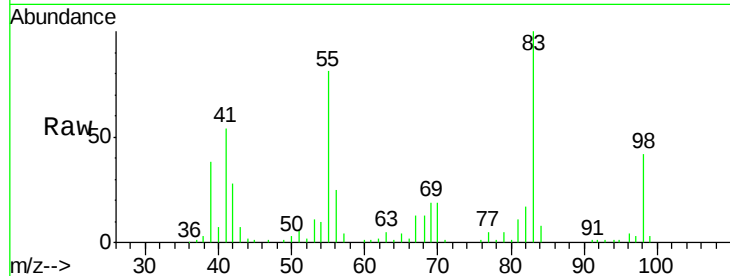




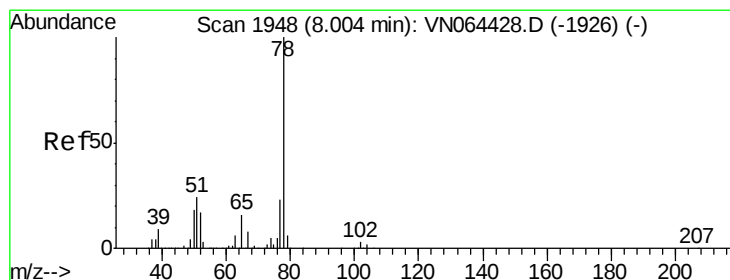
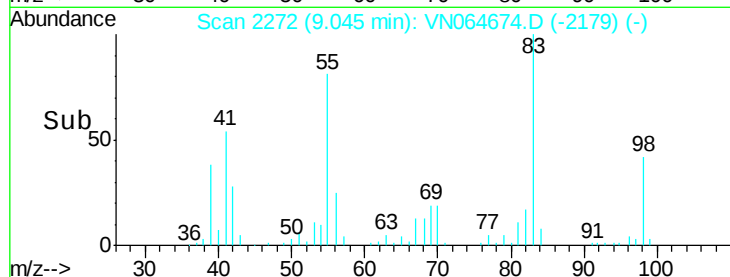
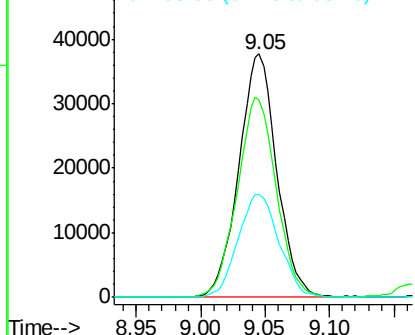
#39
Methvlcvclohexane
Concen: 17.213 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion: 83 Resp: 77325
Ion Ratio Lower Upper
83 100
55 80.9 63.8 95.6
98 42.1 35.4 53.2

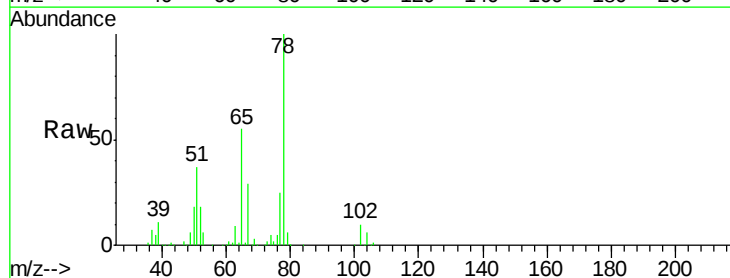


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

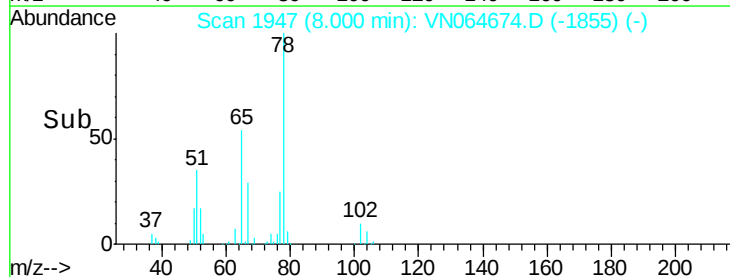
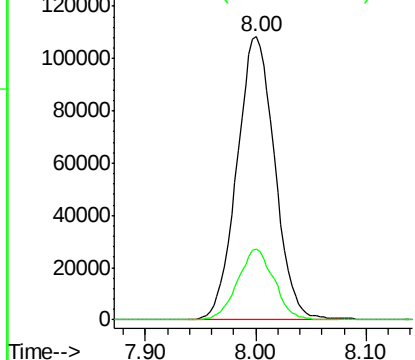


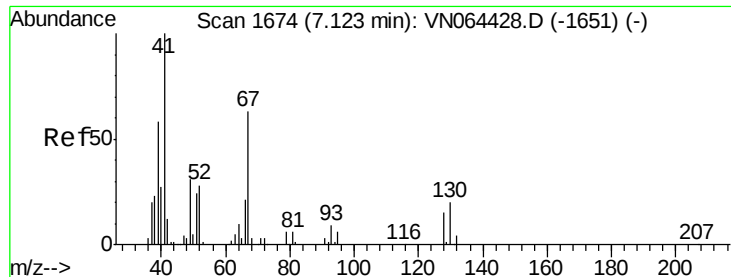
#40
Benzene
Concen: 17.439 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 78 Resp: 256802
Ion Ratio Lower Upper
78 100
77 25.1 18.7 28.1



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

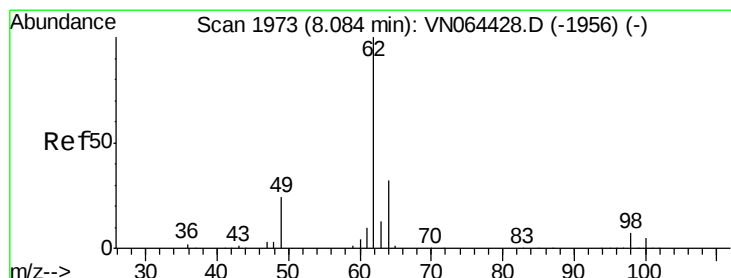
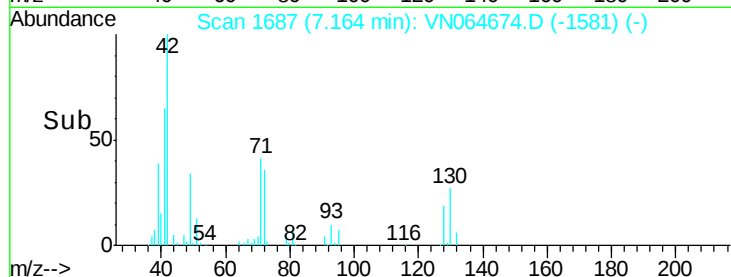
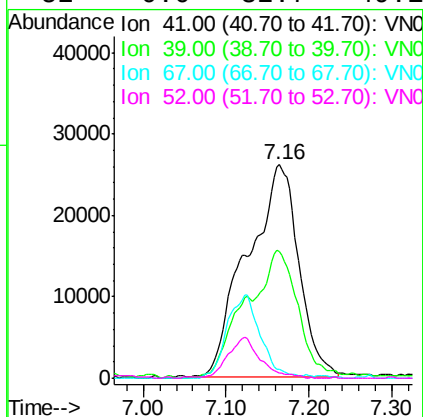
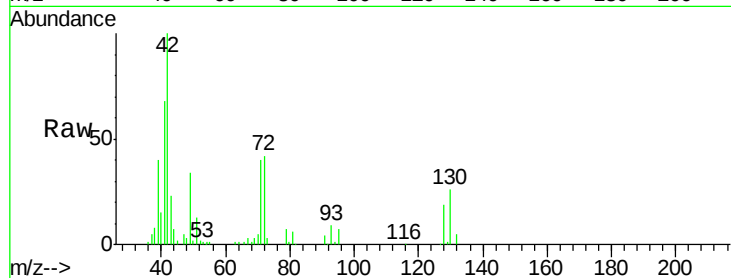




#41
Methacrylonitrile
Concen: 50.612 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

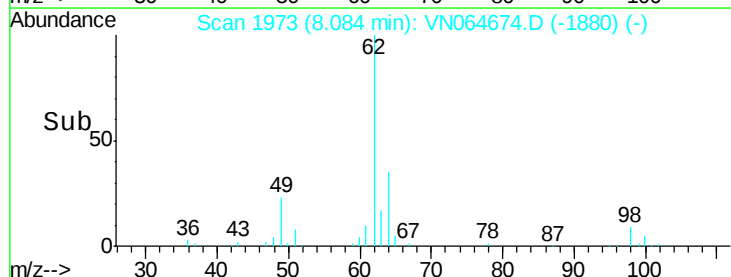
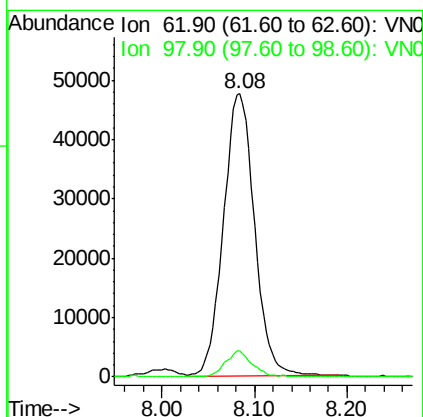
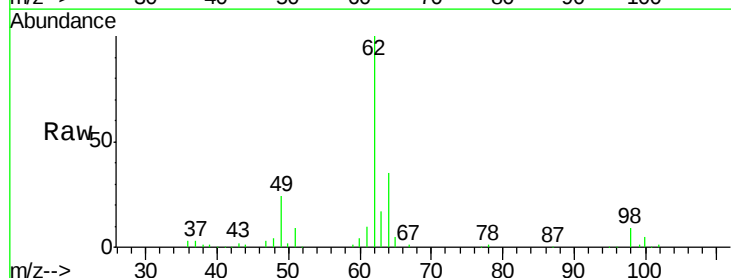
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

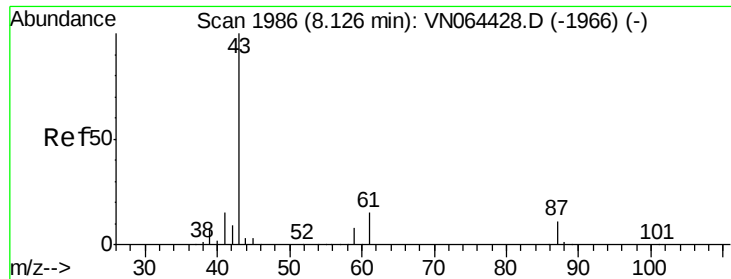
Tot Ion: 41 Resp: 112446
Ion Ratio Lower Upper
41 100
39 32.4 50.0 75.0#
67 0.0 68.3 102.5#
52 0.0 32.7 49.1#



#42
1,2-Dichloroethane
Concen: 18.623 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 62 Resp: 110669
Ion Ratio Lower Upper
62 100
98 7.8 0.0 14.0





#43

Isopropyl Acetate

Concen: 16.314 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

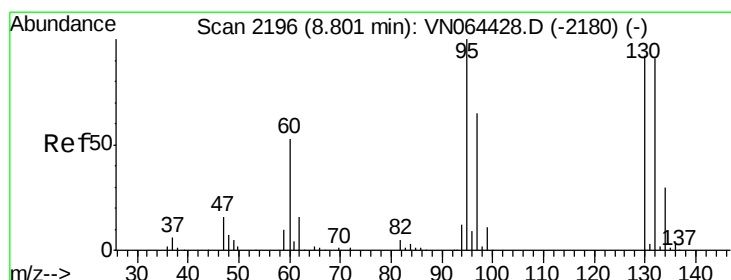
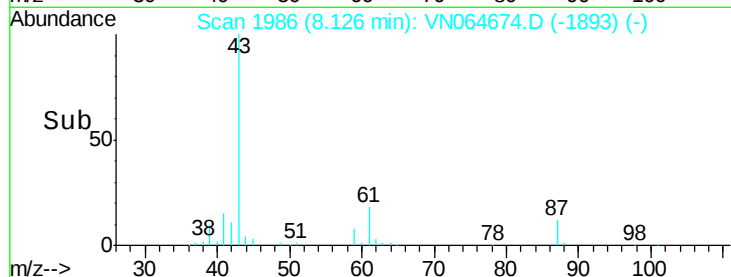
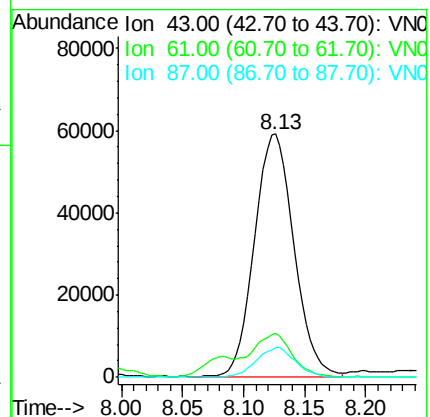
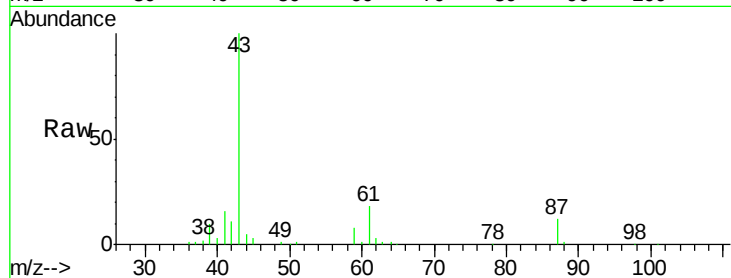
Tot Ion: 43 Resp: 132489

Ion Ratio Lower Upper

43 100

61 17.1 14.0 21.0

87 12.0 9.1 13.7



#44

Trichloroethene

Concen: 17.971 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064674.D

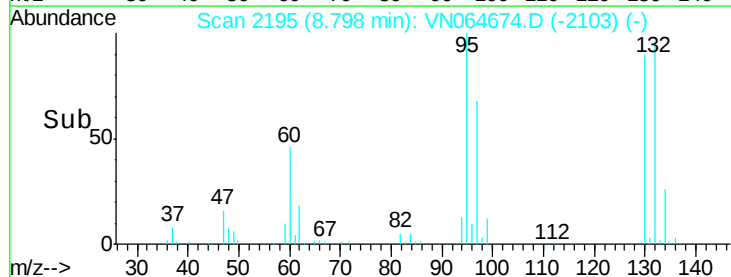
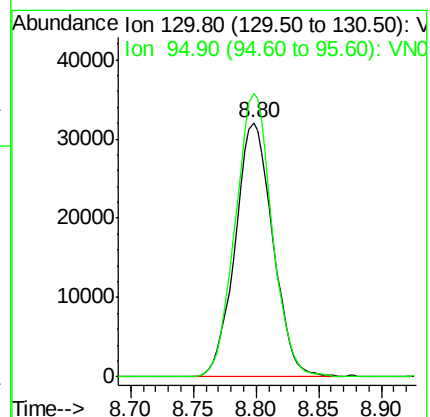
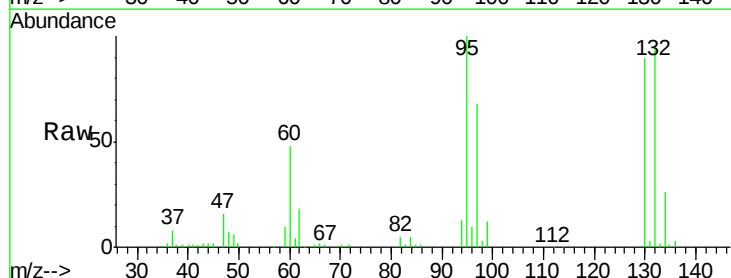
Acq: 17 Nov 2020 12:31

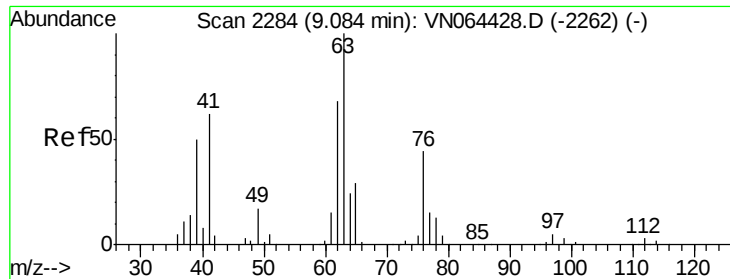
Tgt Ion:130 Resp: 66766

Ion Ratio Lower Upper

130 100

95 111.3 0.0 216.8

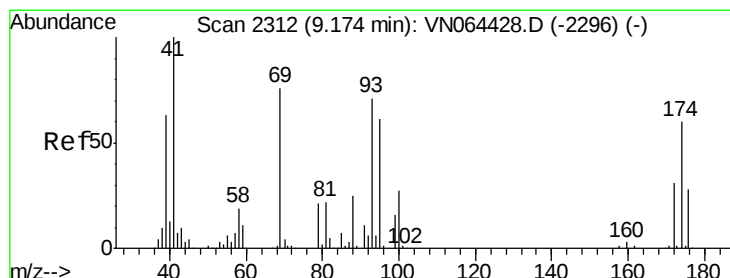
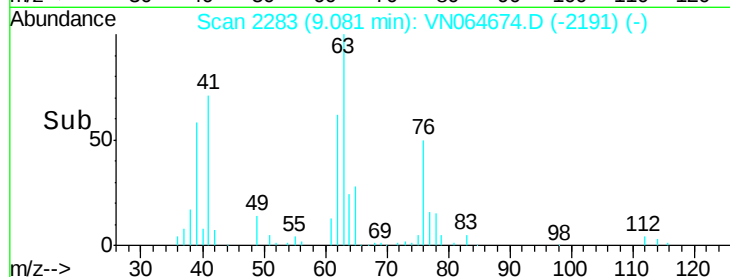
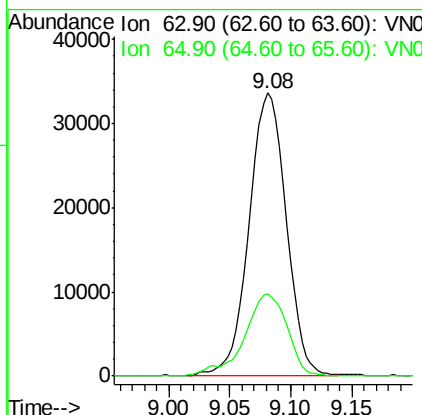
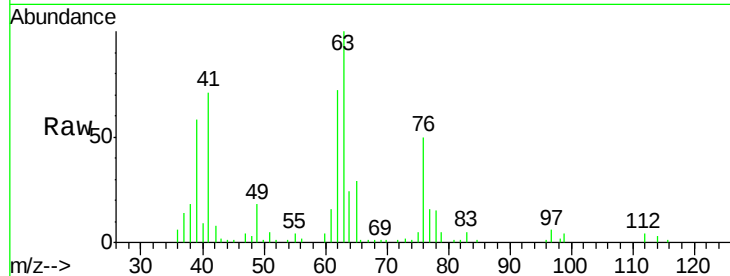




#45
 1,2-Dichloropropane
 Concen: 18.071 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

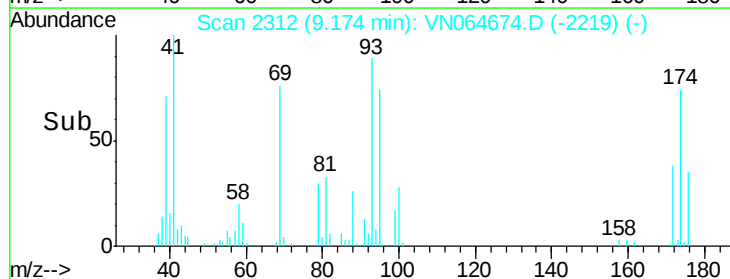
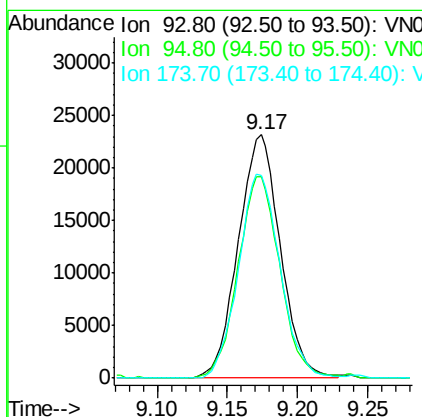
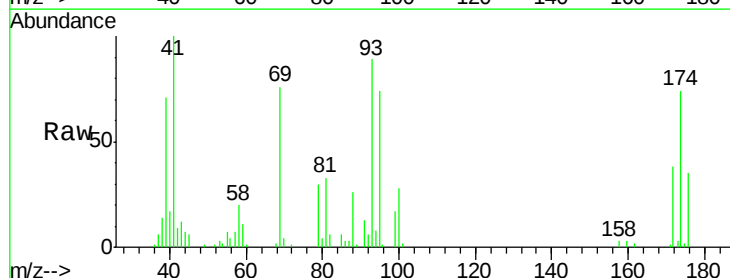
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tot Ion: 63 Resp: 71005
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.6 35.4



#46
 Dibromomethane
 Concen: 18.695 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 93 Resp: 48355
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.4 99.6
 174 82.9 67.2 100.8





#47

Bromodichloromethane

Concen: 18.805 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

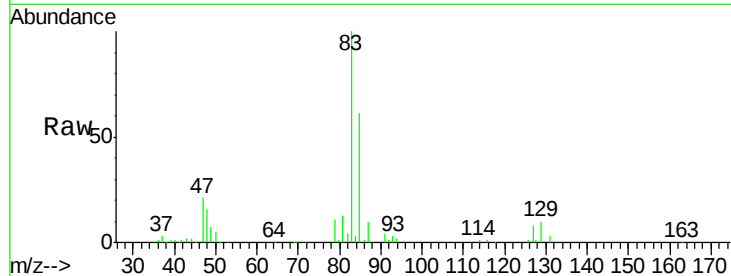
Tot Ion: 83 Resp: 104586

Ion Ratio Lower Upper

83 100

85 61.4 51.2 76.8

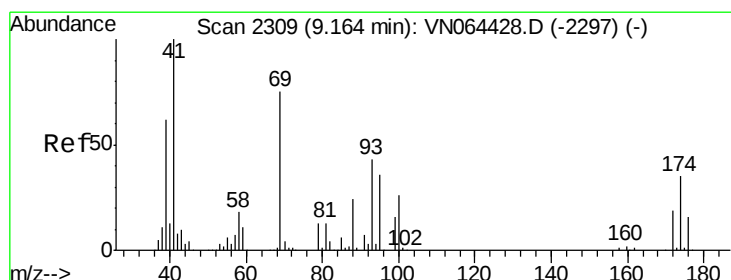
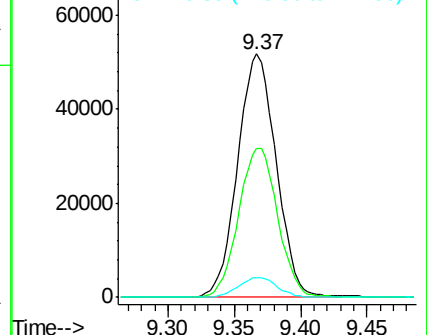
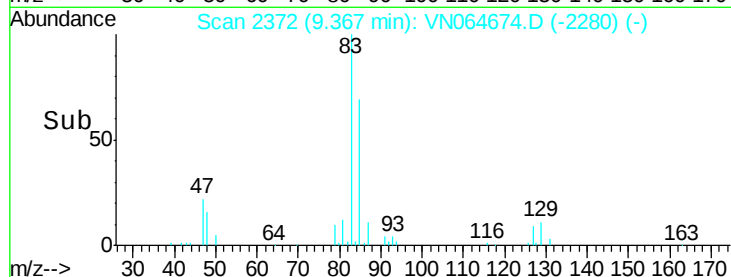
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064674.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064674.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064674.D (-2280) (-)



#48

Methyl methacrylate

Concen: 16.073 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

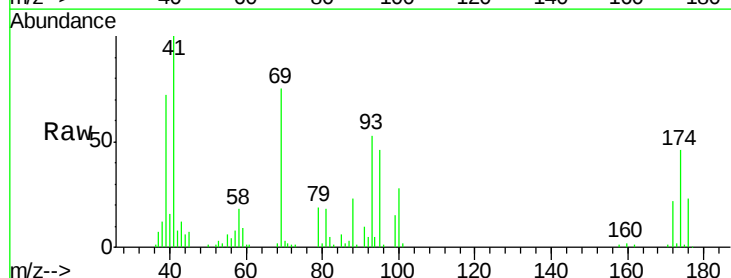
Tgt Ion: 41 Resp: 65868

Ion Ratio Lower Upper

41 100

69 76.2 60.4 90.6

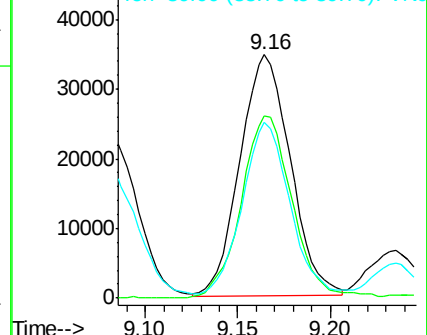
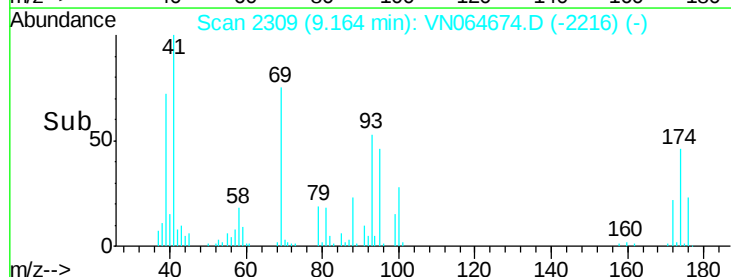
39 67.1 51.2 76.8

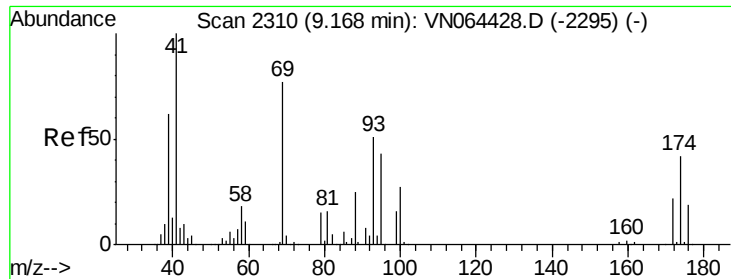


Abundance Ion 41.00 (40.70 to 41.70): VN064674.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064674.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064674.D (-2216) (-)





#49

1,4-Dioxane

Concen: 324.865 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

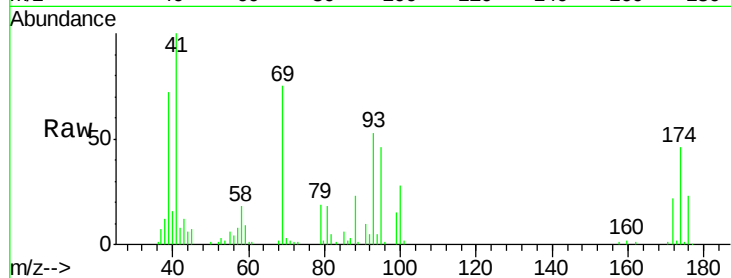
Tot Ion: 88 Resp: 17535

Ion Ratio Lower Upper

88 100

43 43.1 31.0 46.6

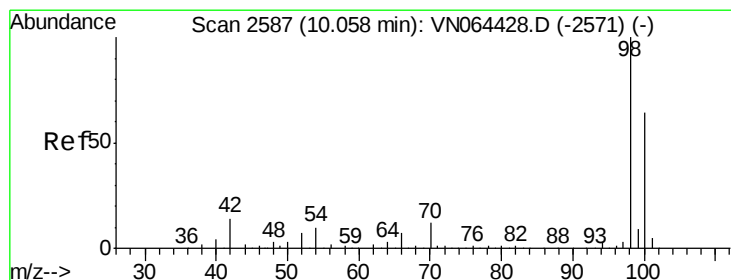
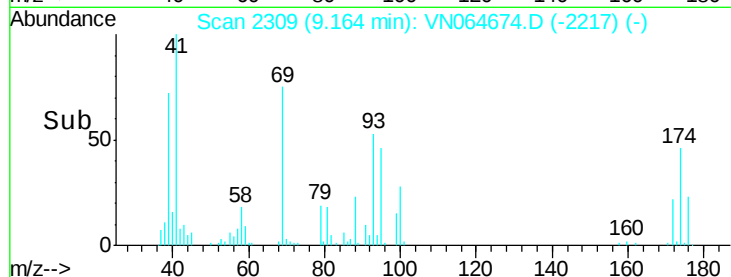
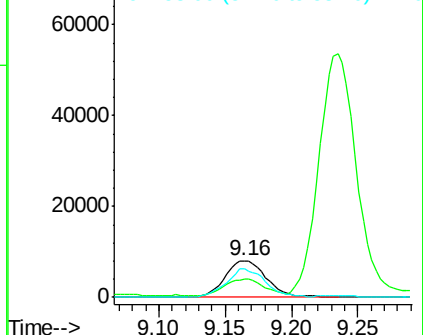
58 73.2 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.489 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064674.D

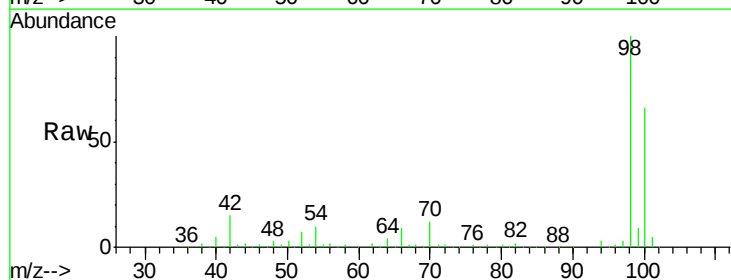
Acq: 17 Nov 2020 12:31

Tgt Ion: 98 Resp: 605284

Ion Ratio Lower Upper

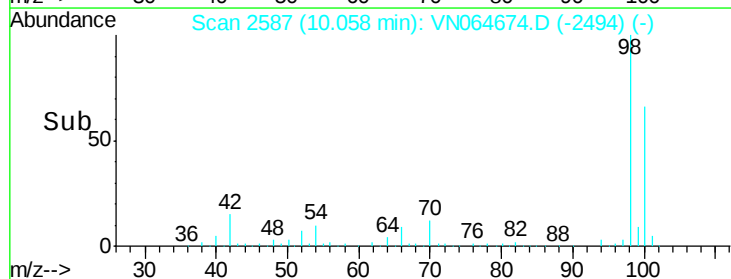
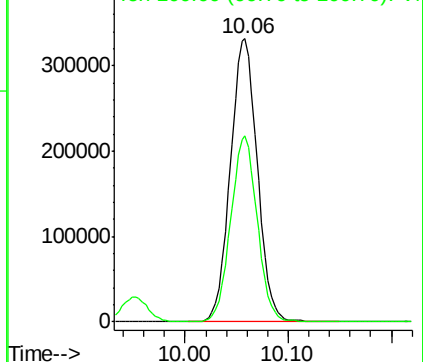
98 100

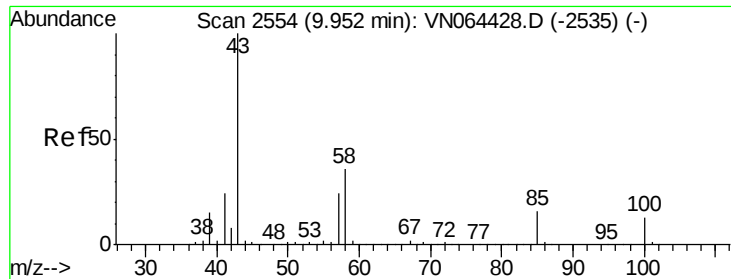
100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 84.466 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

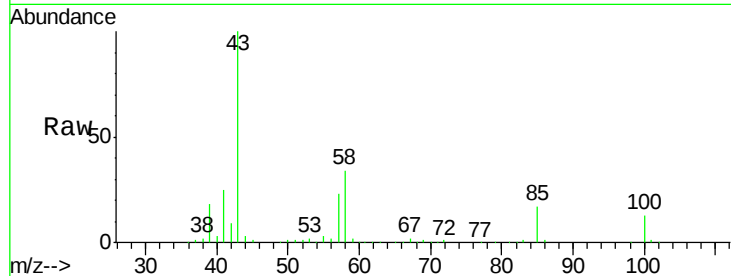
VN1117WBS01

Tot Ion: 43 Resp: 400035

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

200000

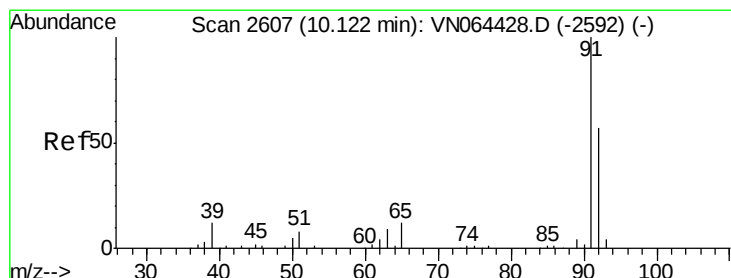
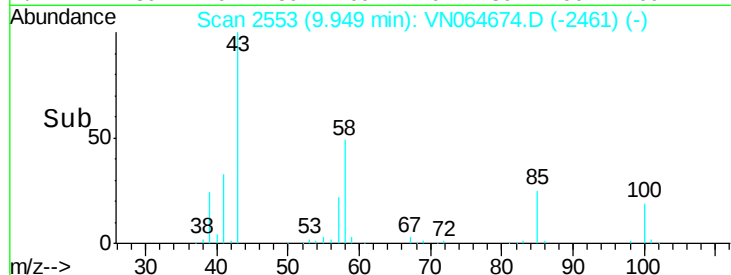
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.911 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064674.D

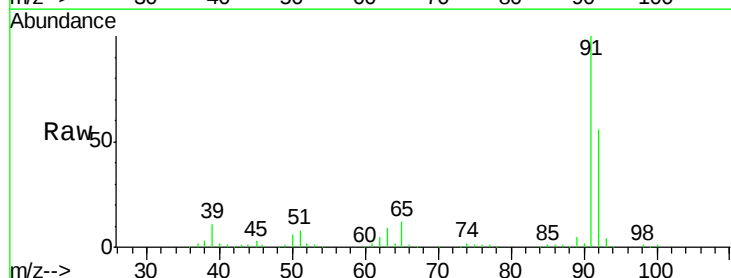
Acq: 17 Nov 2020 12:31

Tgt Ion: 92 Resp: 160870

Ion Ratio Lower Upper

92 100

91 178.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

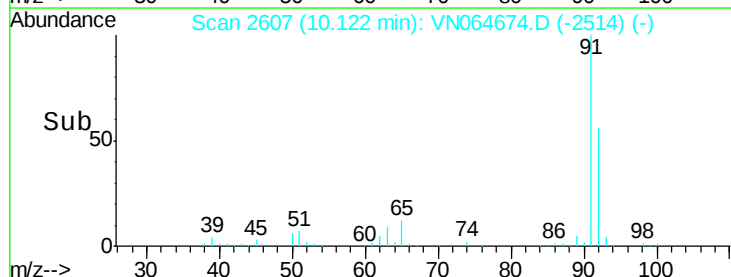
150000

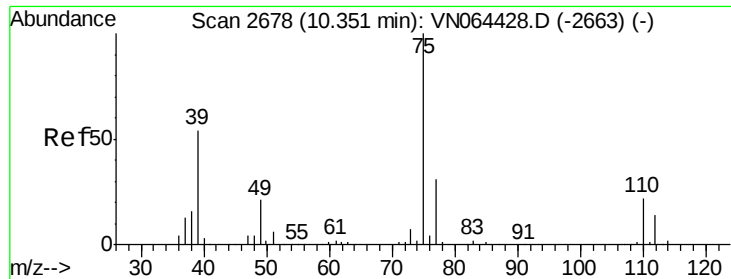
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.923 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

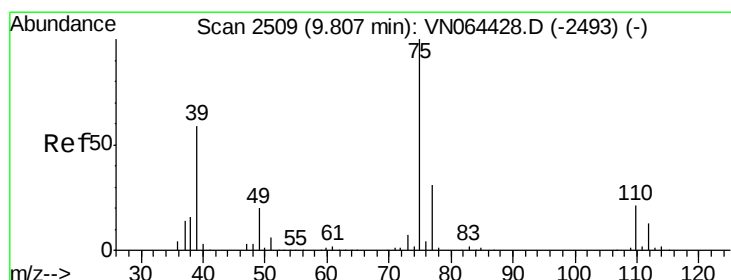
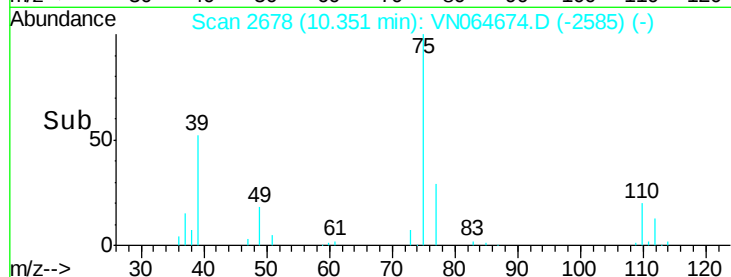
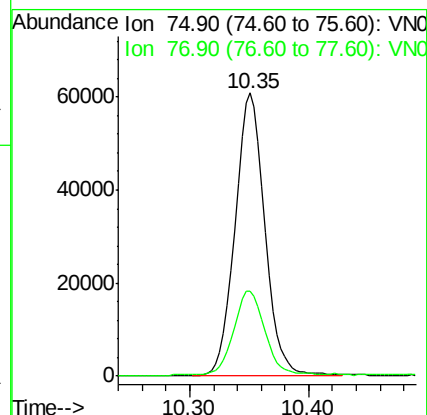
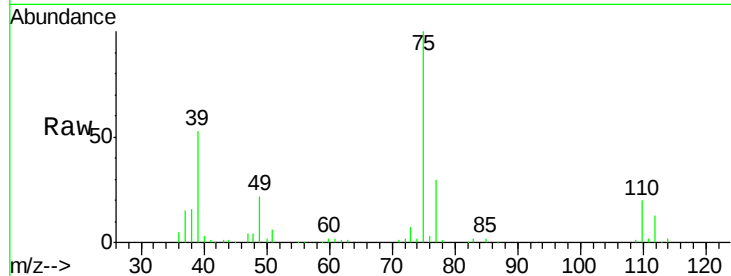
VN1117WBS01

Tot Ion: 75 Resp: 105677

Ion Ratio Lower Upper

75 100

77 29.4 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 17.386 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

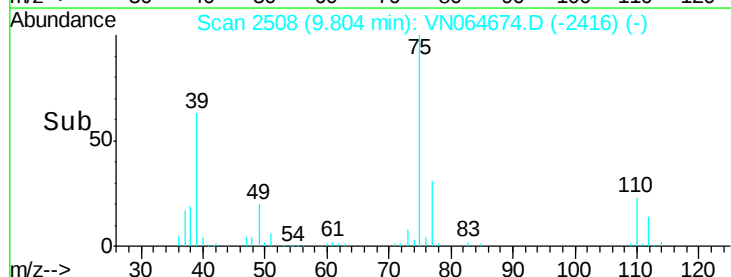
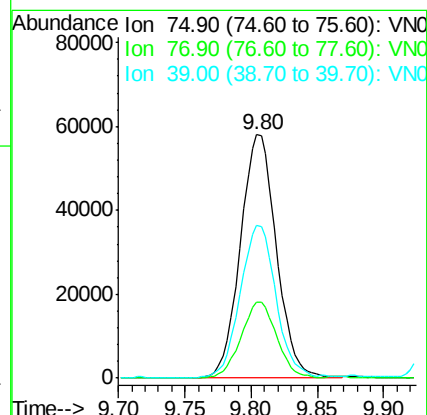
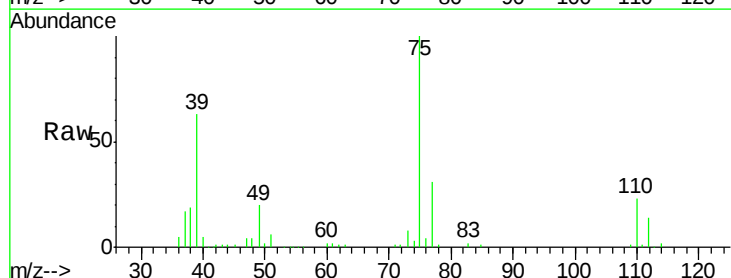
Tgt Ion: 75 Resp: 109603

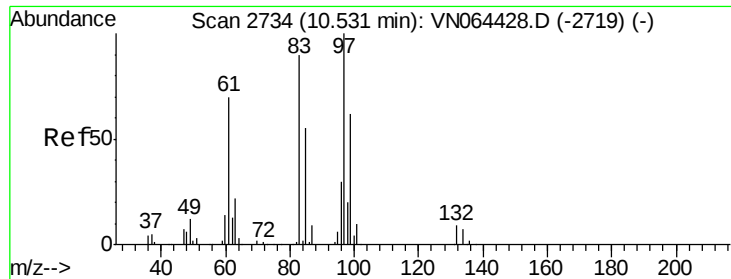
Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3

39 63.0 47.1 70.7

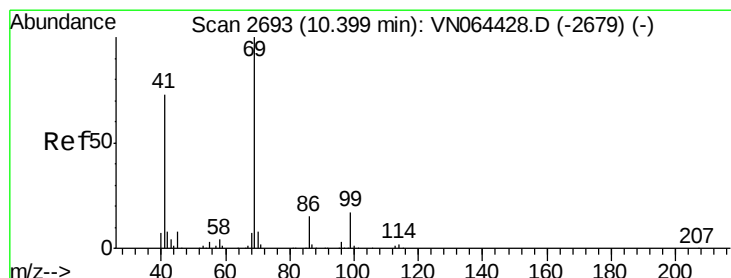
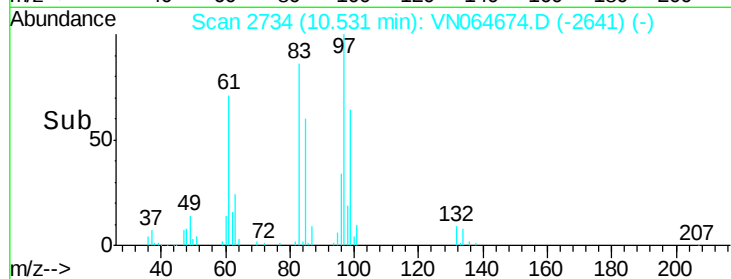
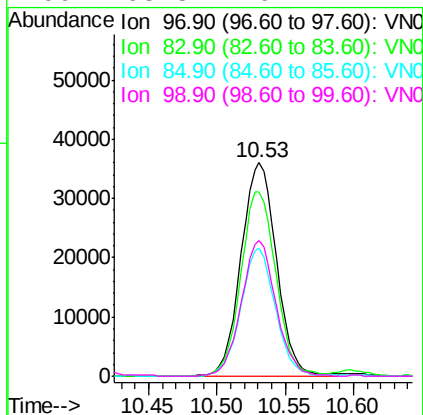
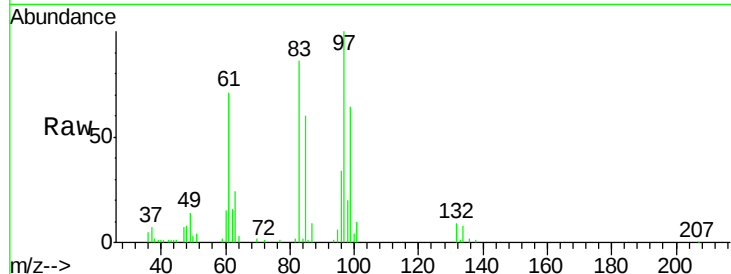




#55
 1,1,2-Trichloroethane
 Concen: 18.594 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

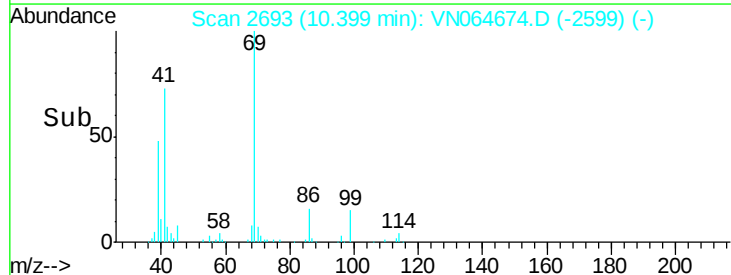
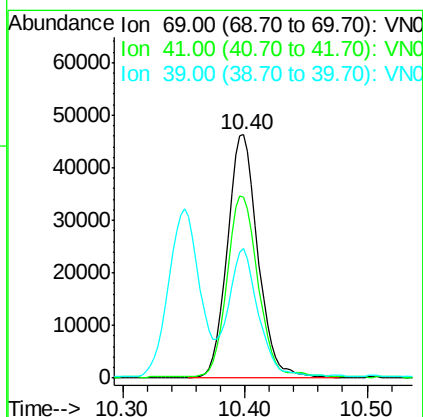
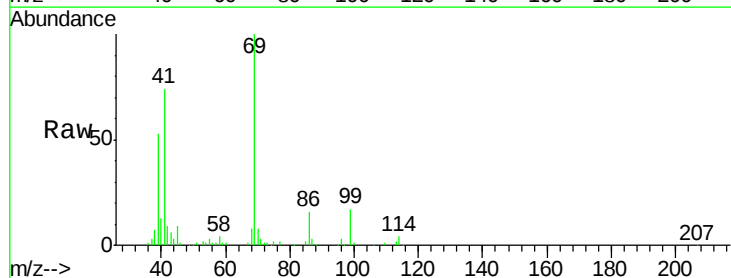
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

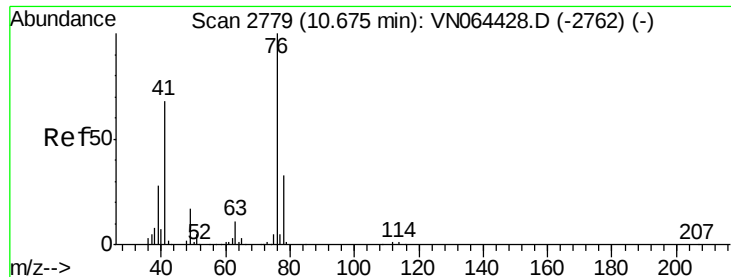
Tot Ion: 97 Resp: 65130
 Ion Ratio Lower Upper
 97 100
 83 86.5 71.7 107.5
 85 59.8 44.3 66.5
 99 63.8 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 15.435 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 69 Resp: 81339
 Ion Ratio Lower Upper
 69 100
 41 73.6 59.3 88.9
 39 49.9 35.4 53.0

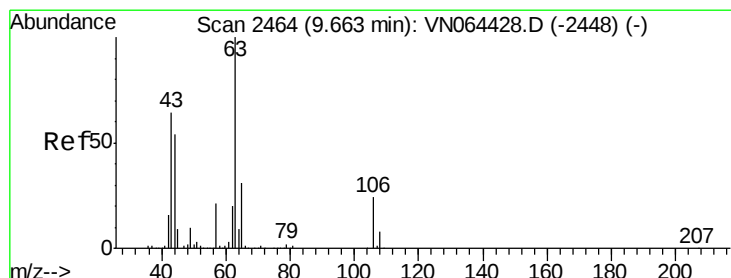
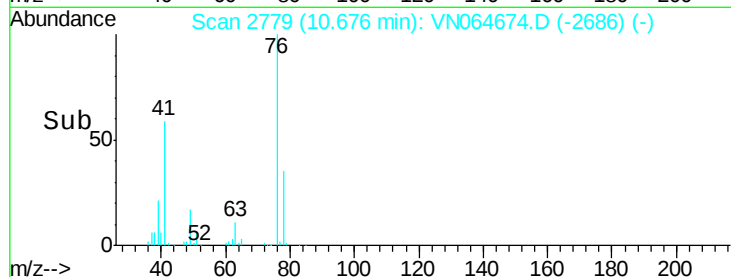
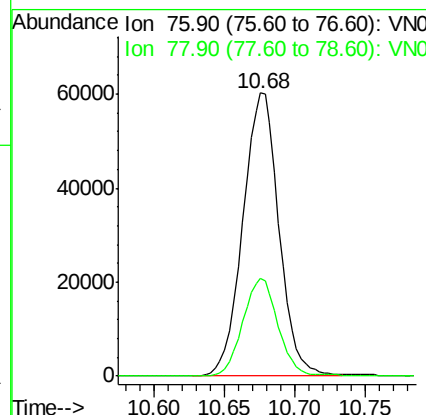
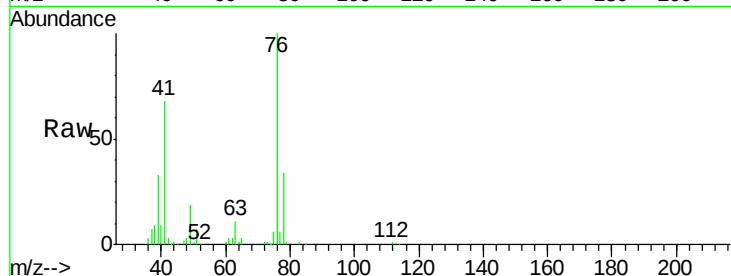




#57
 1,3-Dichloropropane
 Concen: 17.686 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

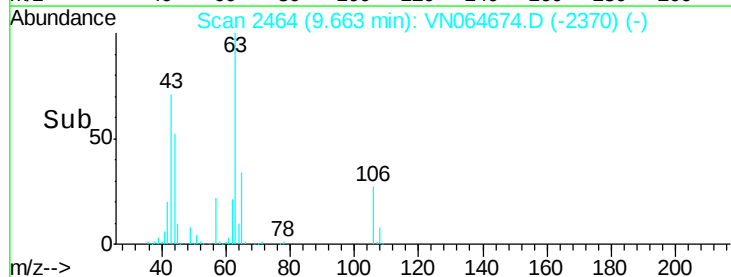
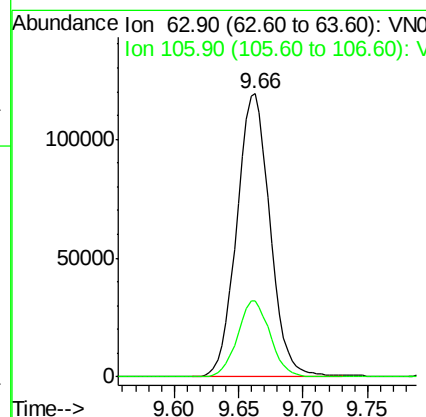
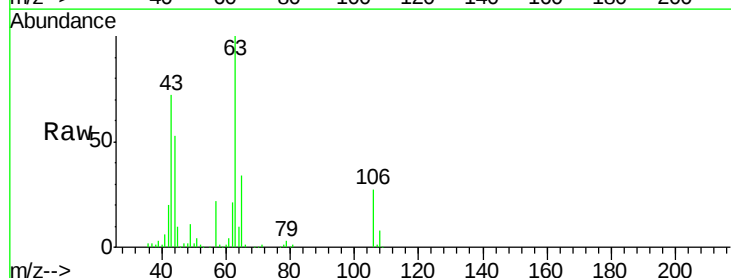
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

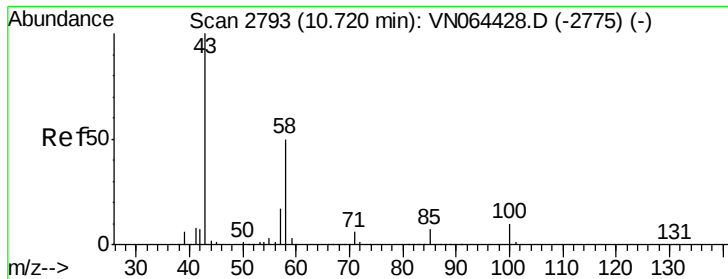
Tot Ion: 76 Resp: 108130
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.208 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 63 Resp: 213566
 Ion Ratio Lower Upper
 63 100
 106 26.5 19.5 29.3





#59

2-Hexanone

Concen: 75.990 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

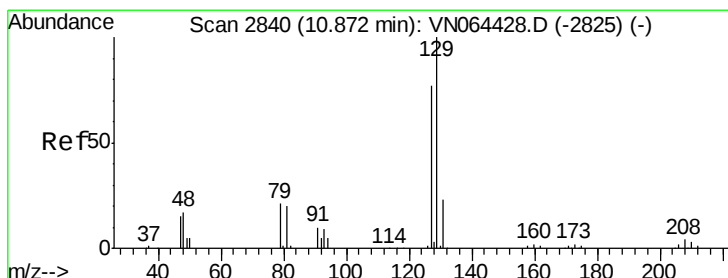
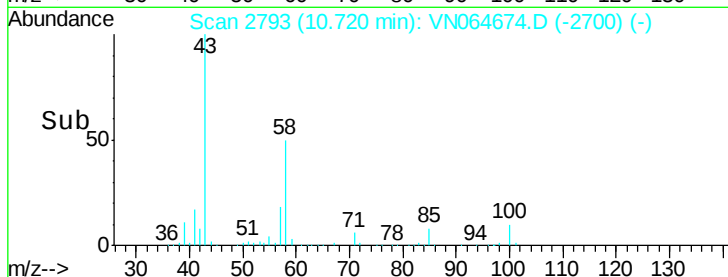
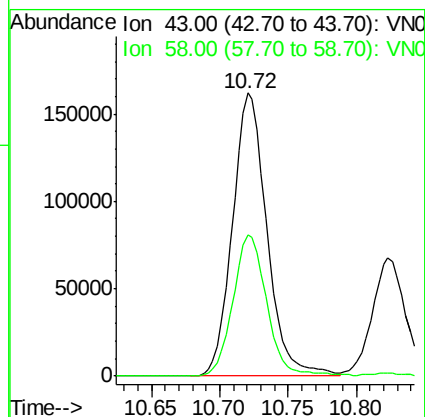
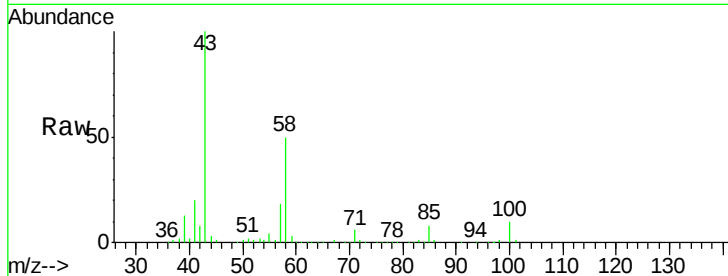
VN1117WBS01

Tot Ion: 43 Resp: 282466

Ion Ratio Lower Upper

43 100

58 49.3 24.7 74.1



#60

Dibromochloromethane

Concen: 19.242 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN064674.D

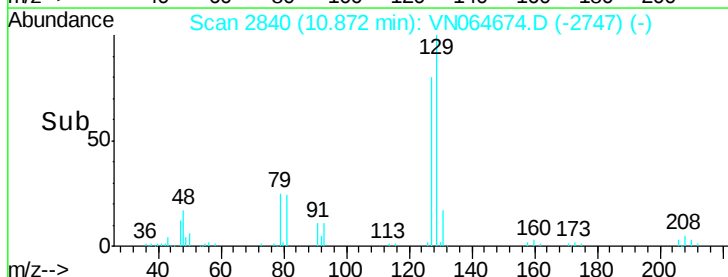
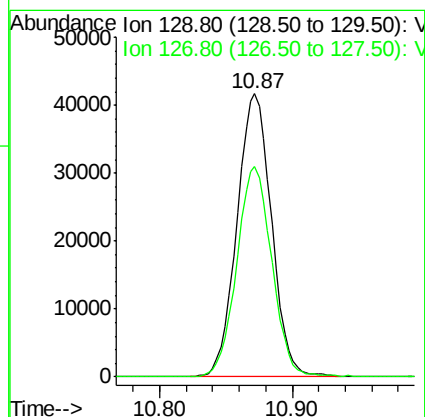
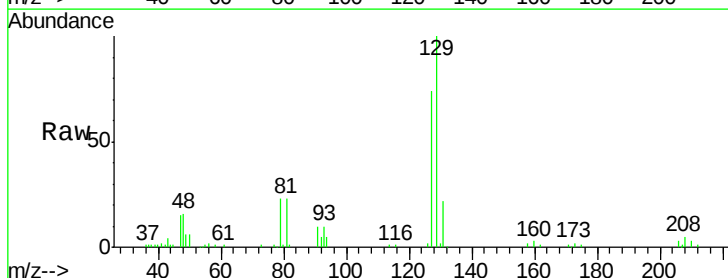
Acq: 17 Nov 2020 12:31

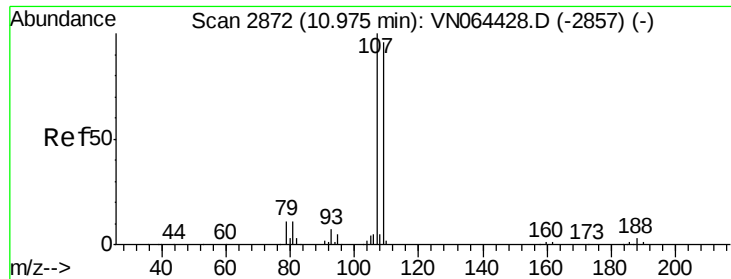
Tgt Ion: 129 Resp: 75460

Ion Ratio Lower Upper

129 100

127 75.5 38.9 116.7

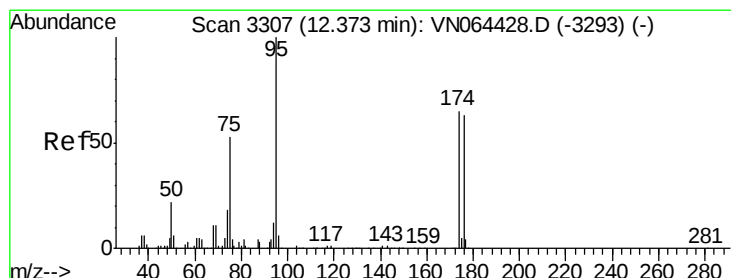
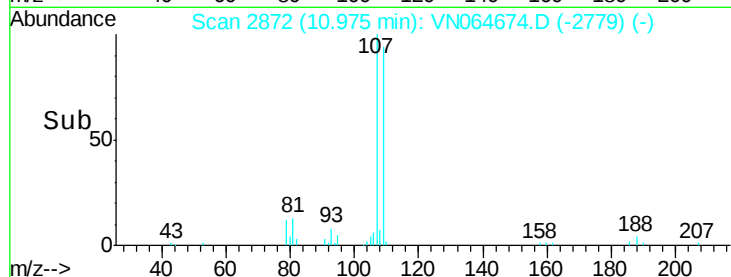
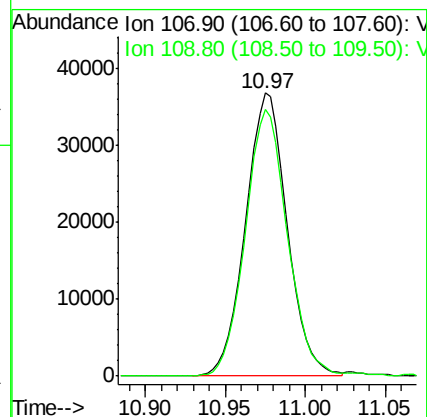
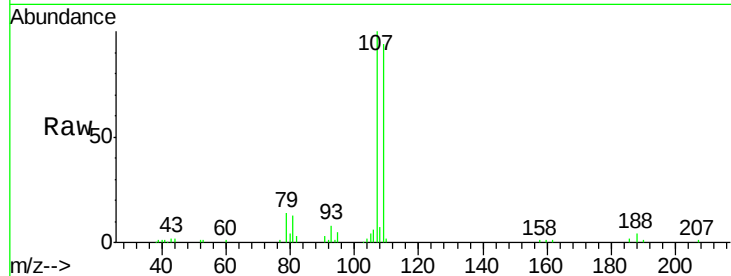




#61
 1,2-Dibromoethane
 Concen: 18.405 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

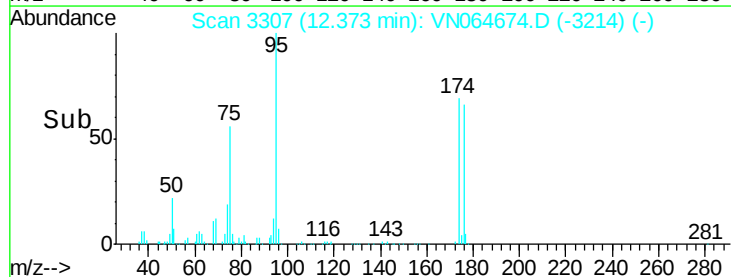
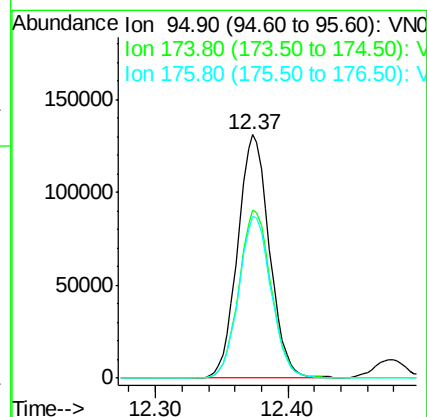
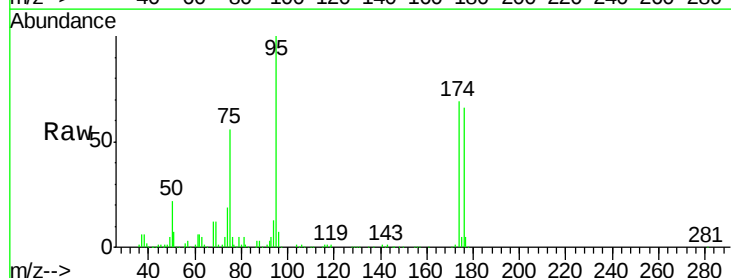
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

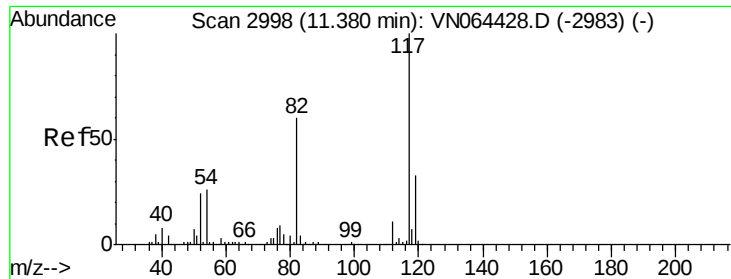
Tot Ion: 107 Resp: 65389
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.152 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 95 Resp: 217880
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 132.6
 176 67.9 0.0 129.2

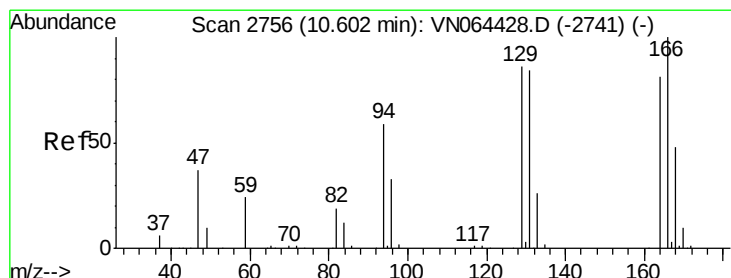
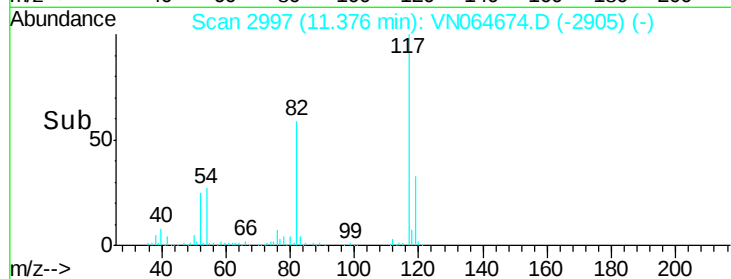
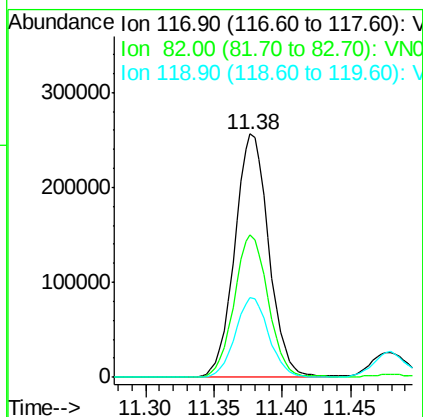
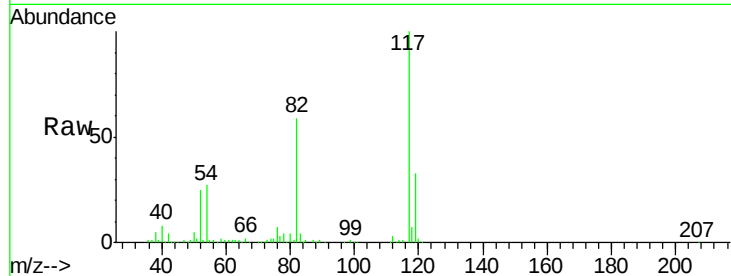




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

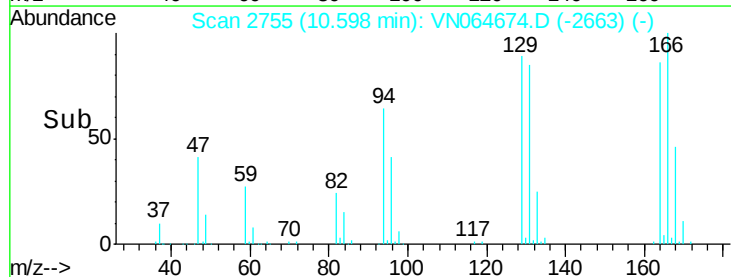
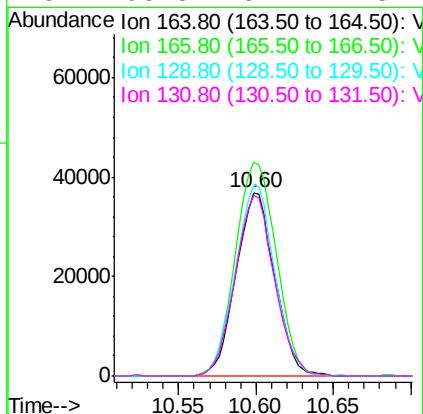
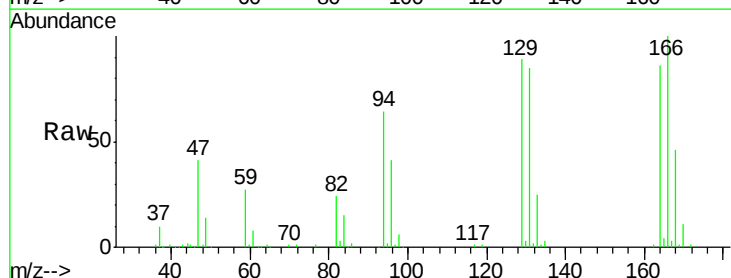
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

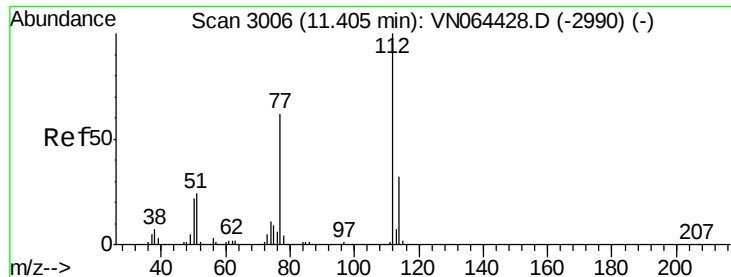
Tot Ion:117 Resp: 443866
Ion Ratio Lower Upper
117 100
82 58.7 48.1 72.1
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 18.683 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion:164 Resp: 63880
Ion Ratio Lower Upper
164 100
166 116.7 98.2 147.2
129 104.1 84.6 127.0
131 98.8 82.2 123.2





#65

Chlorobenzene

Concen: 17.792 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampled :

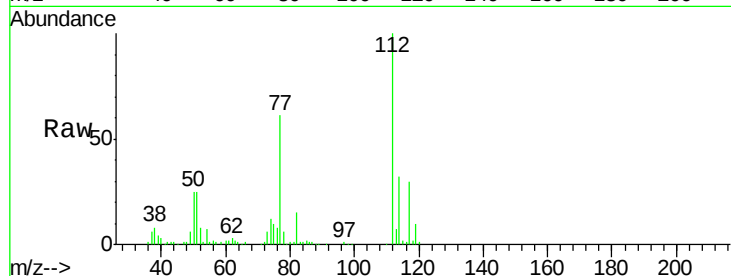
VN1117WBS01

Tot Ion:112 Resp: 173127

Ion Ratio Lower Upper

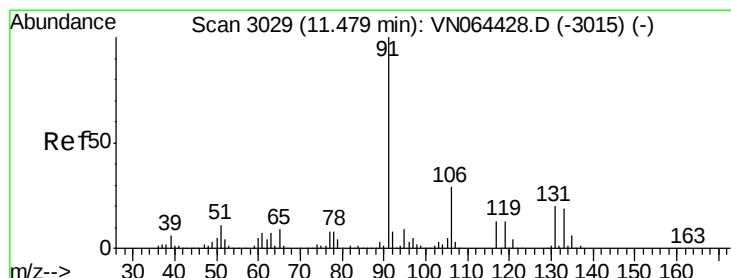
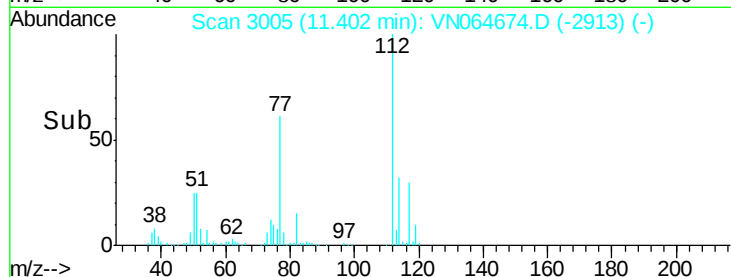
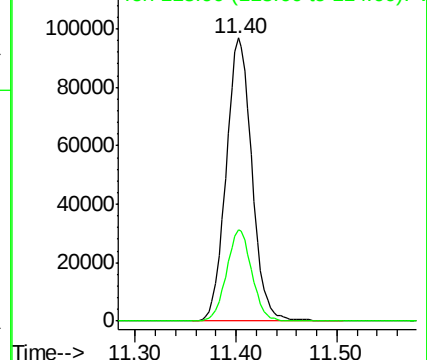
112 100

114 32.4 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.942 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

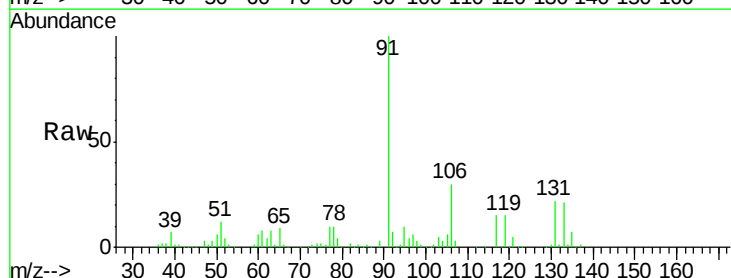
Tgt Ion:131 Resp: 68762

Ion Ratio Lower Upper

131 100

133 92.0 46.9 140.7

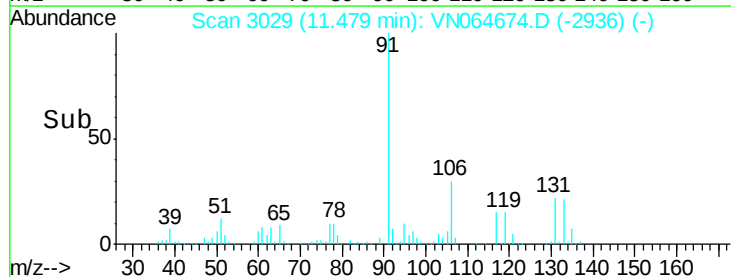
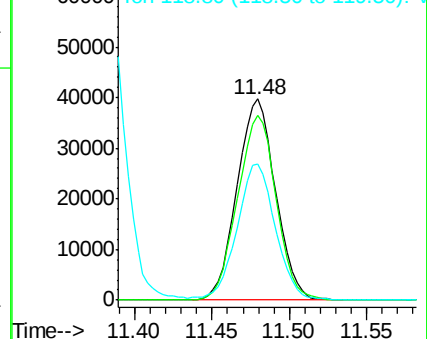
119 67.5 32.1 96.5

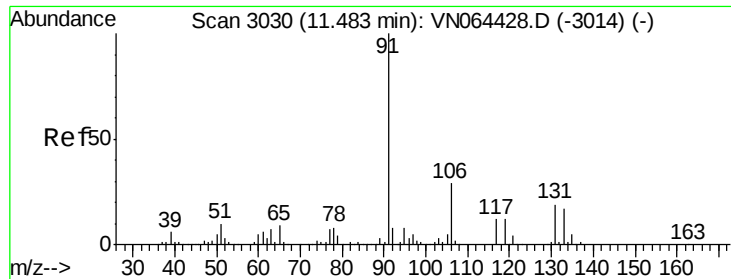


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

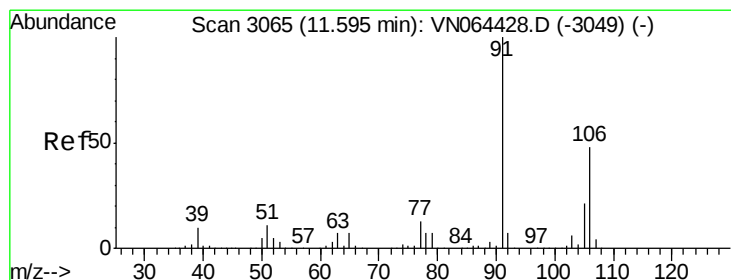
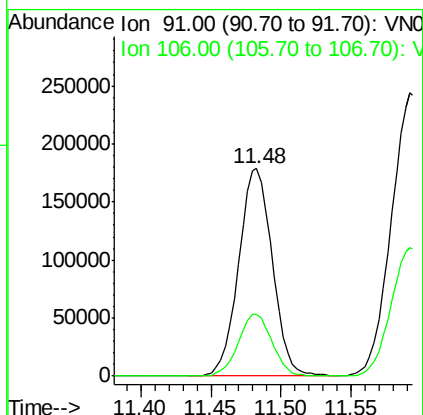
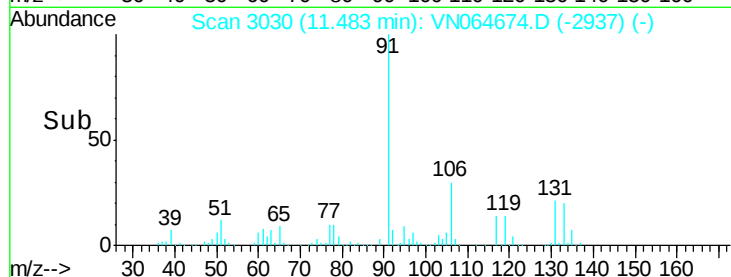
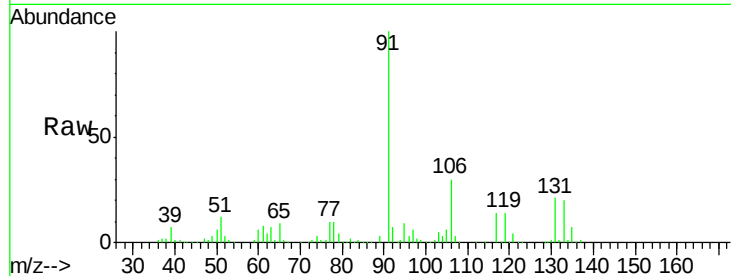




#67
Ethyl Benzene
Concen: 17.352 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

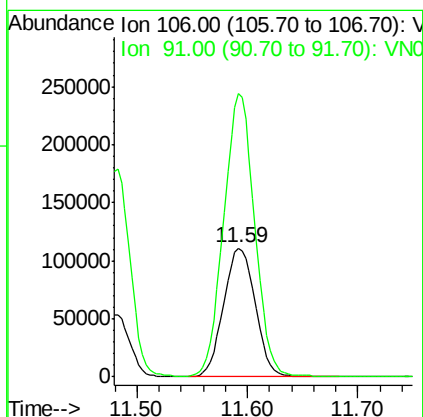
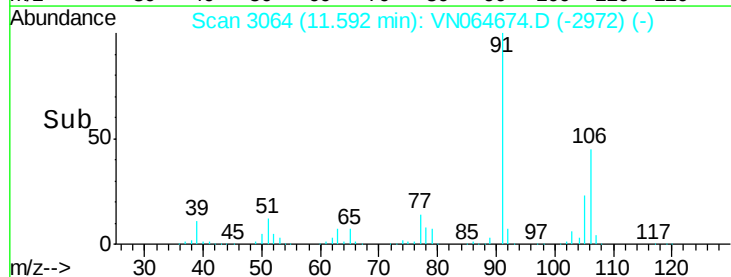
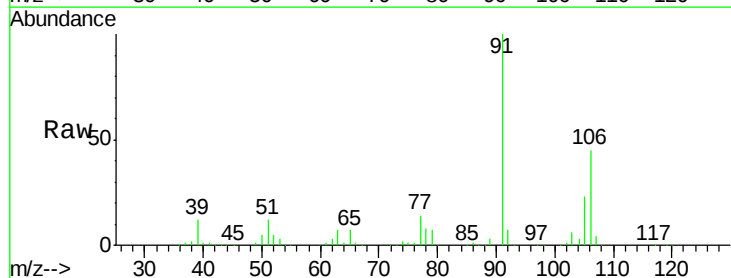
Instrument :
MSVOA_N
ClientSampled :
VN1117WBS01

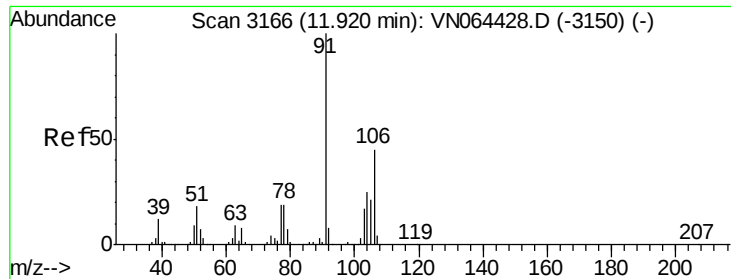
Tot Ion: 91 Resp: 300335
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 35.317 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 106 Resp: 221682
Ion Ratio Lower Upper
106 100
91 213.4 169.4 254.2

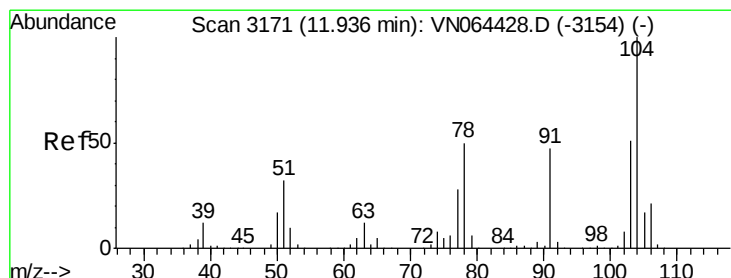
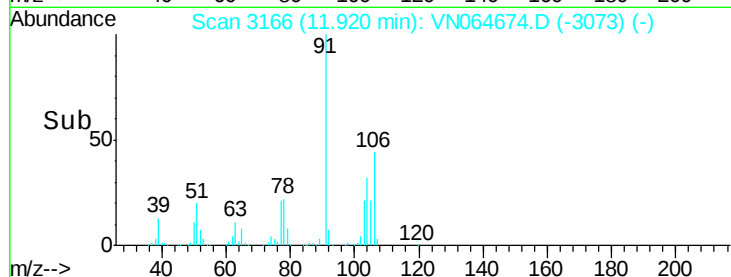
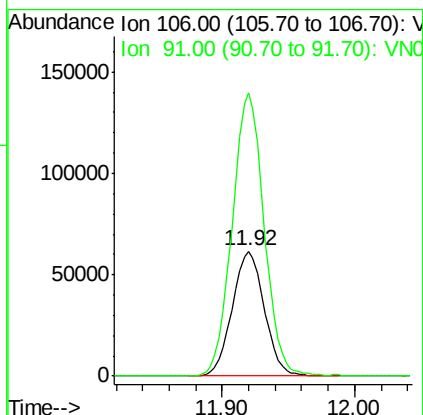
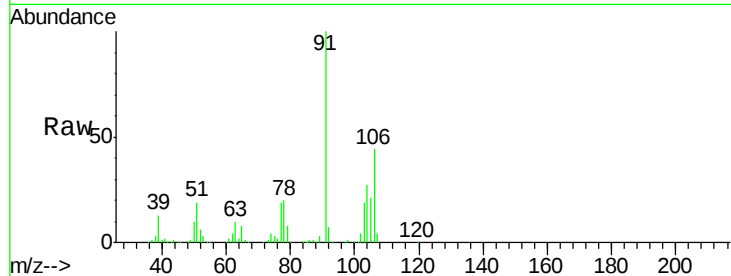




#69
o-Xylene
Concen: 17.123 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

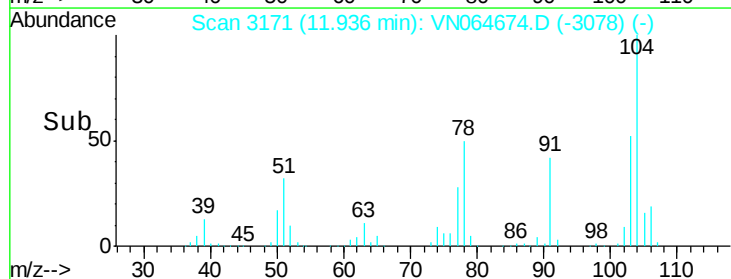
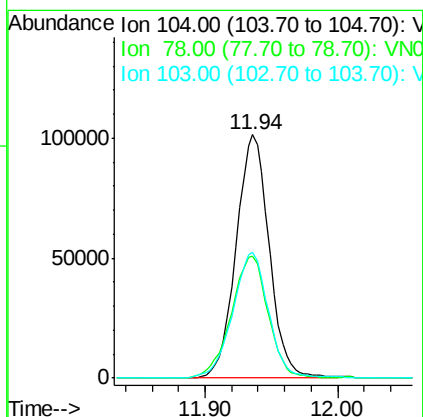
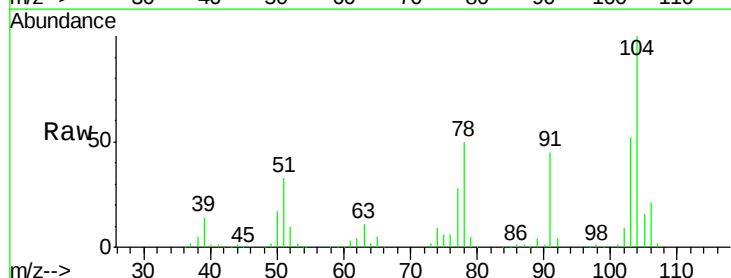
Instrument :
MSVOA_N
ClientSampled :
VN1117WBS01

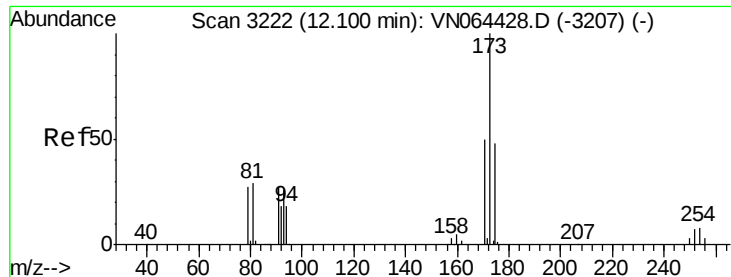
Tot Ion:106 Resp: 103859
Ion Ratio Lower Upper
106 100
91 224.4 111.7 334.9



#70
Styrene
Concen: 17.259 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion:104 Resp: 176157
Ion Ratio Lower Upper
104 100
78 55.8 44.0 66.0
103 55.7 43.8 65.6

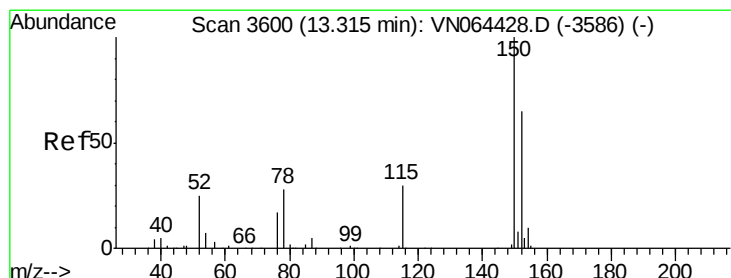
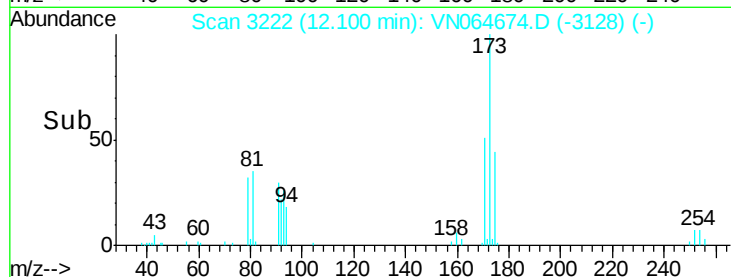
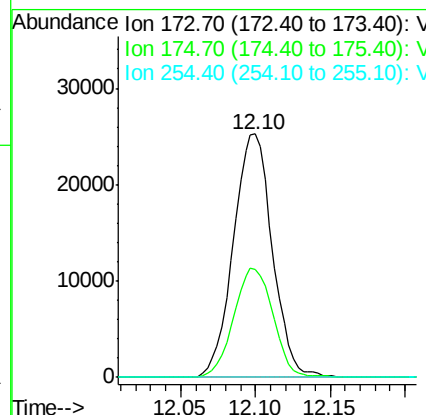
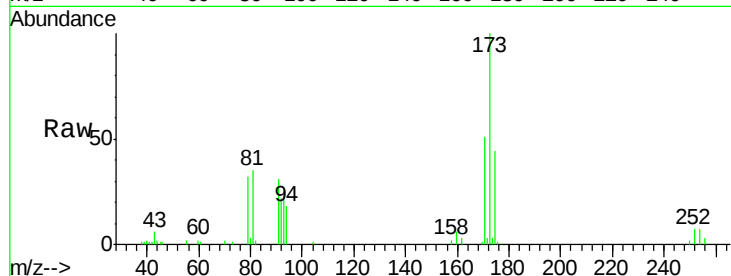




#71
Bromoform
Concen: 17.652 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

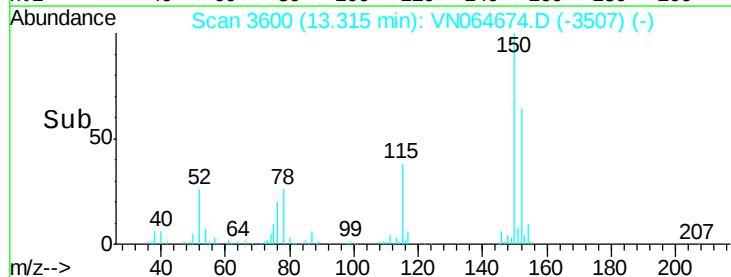
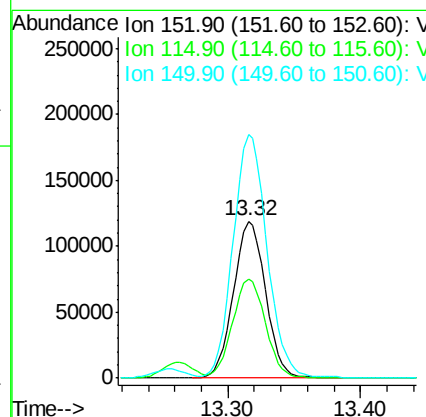
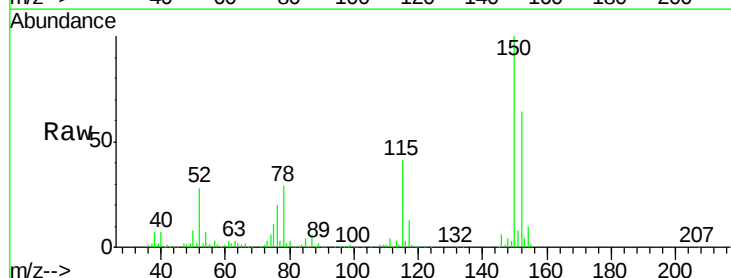
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tot Ion:173 Resp: 45807
Ion Ratio Lower Upper
173 100
175 45.1 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion:152 Resp: 200700
Ion Ratio Lower Upper
152 100
115 63.7 32.0 96.0
150 163.6 0.0 353.8





#73

Isopropylbenzene

Concen: 17.682 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

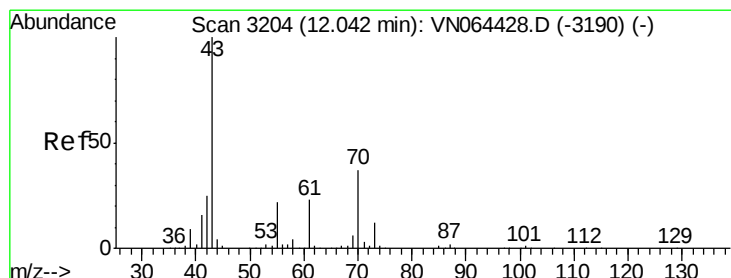
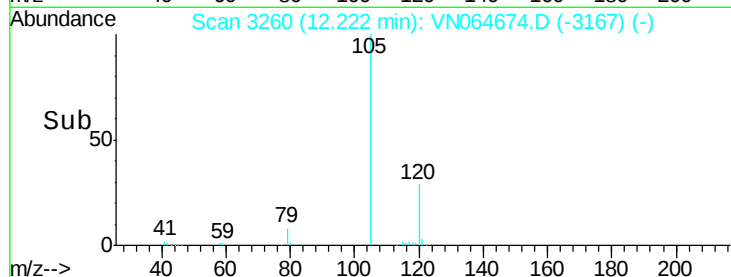
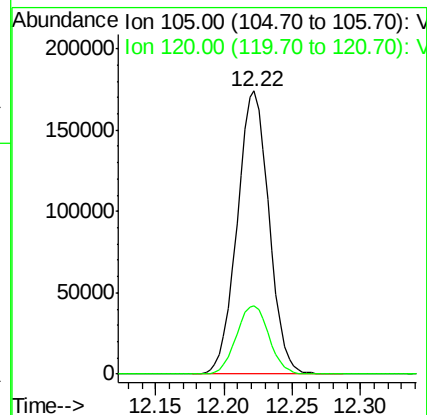
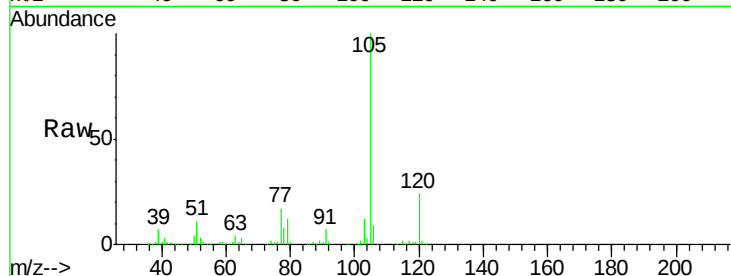
VN1117WBS01

Tot Ion:105 Resp: 282072

Ion Ratio Lower Upper

105 100

120 24.7 12.8 38.3



#74

N-ethyl acetate

Concen: 14.849 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Tgt Ion: 43 Resp: 108112

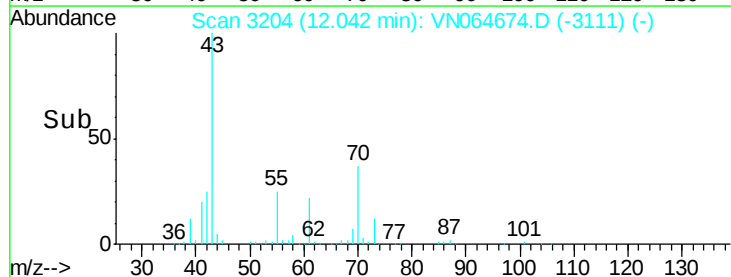
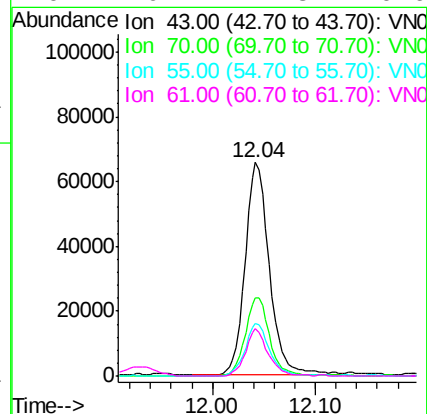
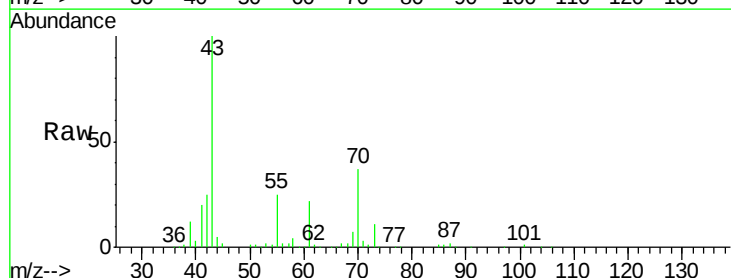
Ion Ratio Lower Upper

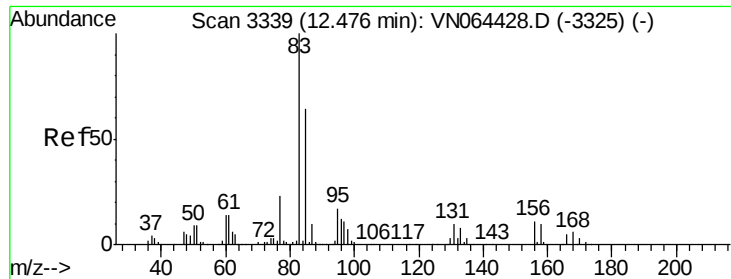
43 100

70 36.9 29.6 44.4

55 24.5 18.4 27.6

61 20.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.881 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampled :

VN1117WBS01

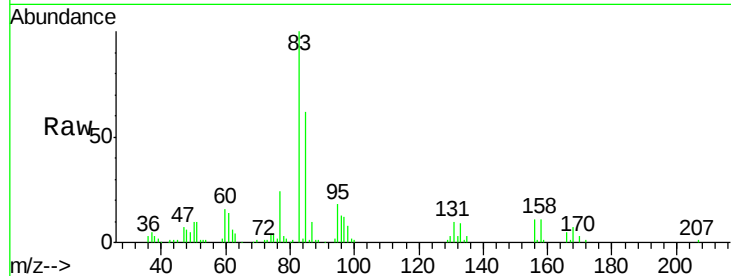
Tot Ion: 83 Resp: 87613

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

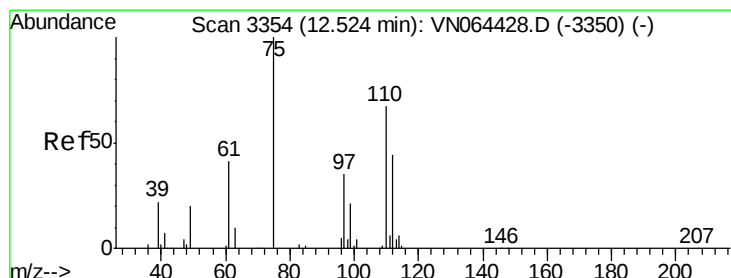
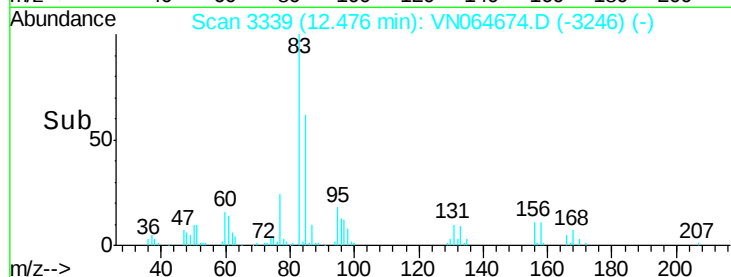
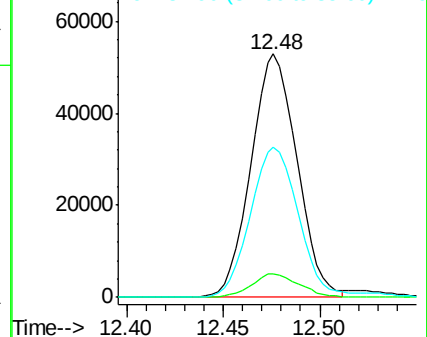
85 64.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.366 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN064674.D

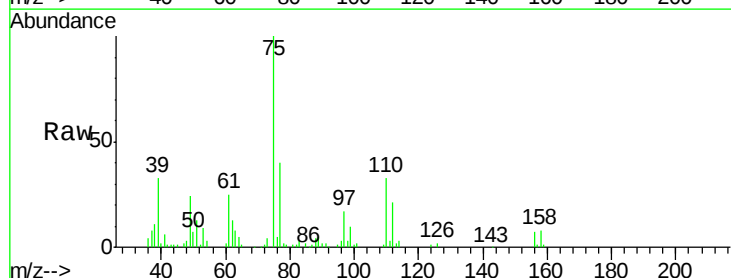
Acq: 17 Nov 2020 12:31

Tgt Ion: 75 Resp: 123348

Ion Ratio Lower Upper

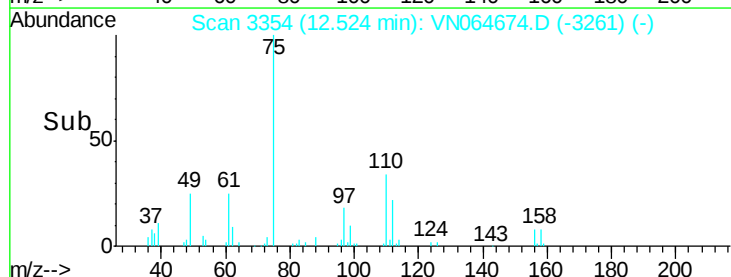
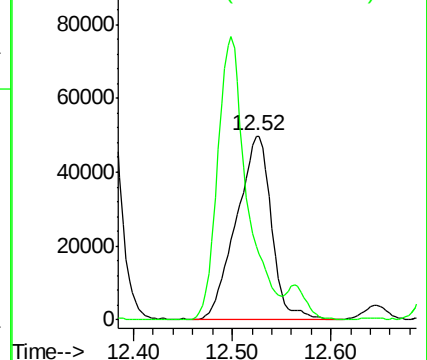
75 100

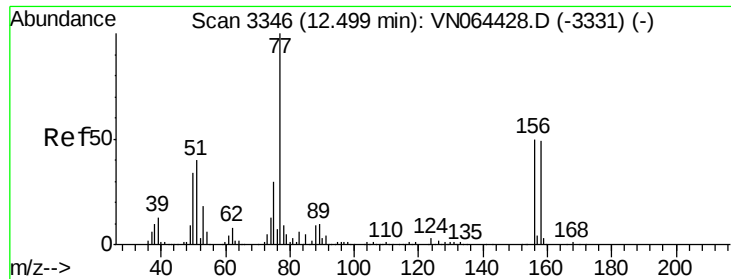
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.749 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampled :

VN1117WBS01

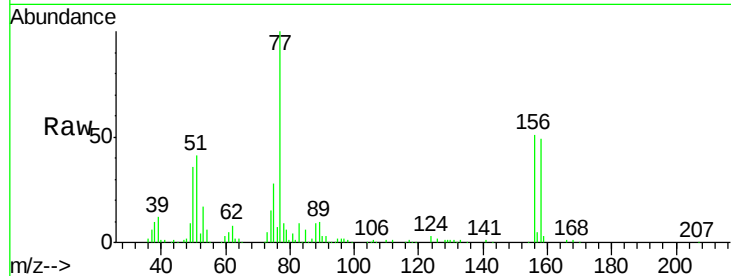
Tot Ion:156 Resp: 69126

Ion Ratio Lower Upper

156 100

77 230.9 119.0 357.0

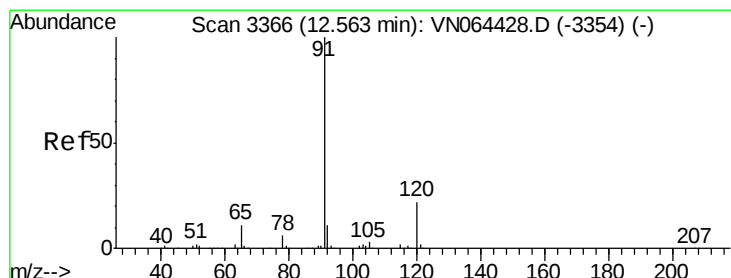
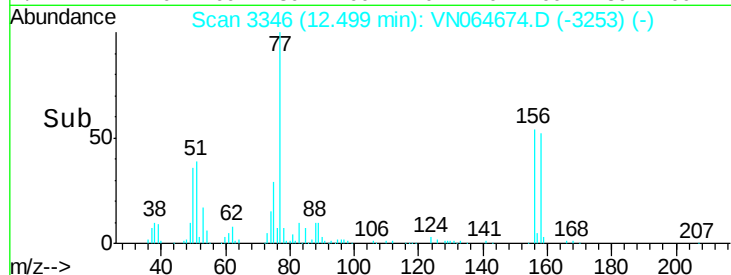
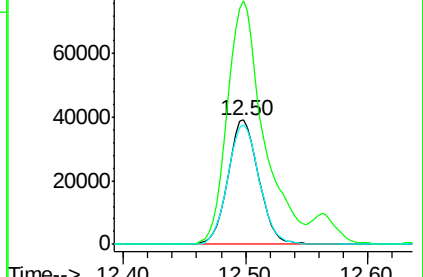
158 98.1 48.4 145.3



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: 17.854 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064674.D

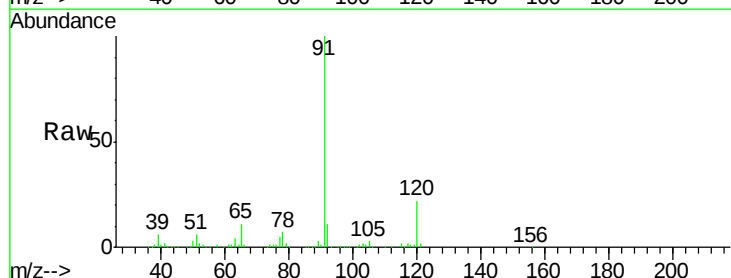
Acq: 17 Nov 2020 12:31

Tgt Ion: 91 Resp: 324711

Ion Ratio Lower Upper

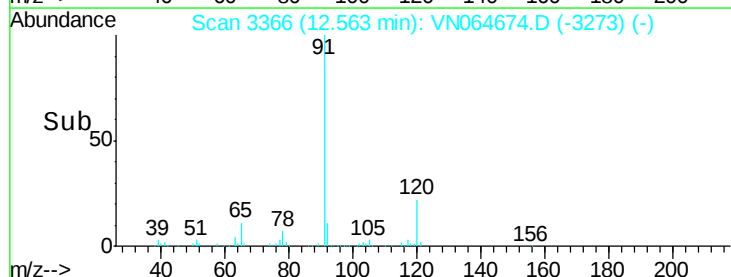
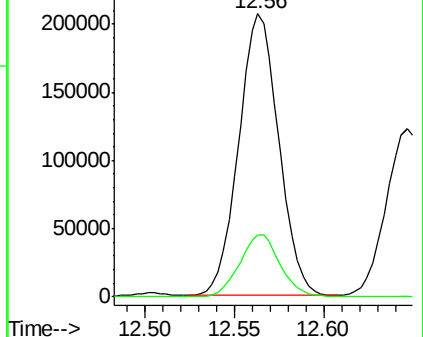
91 100

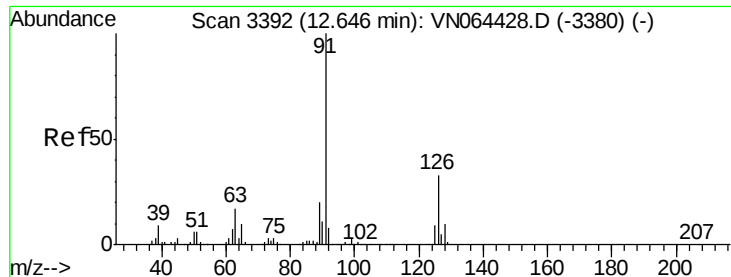
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.431 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

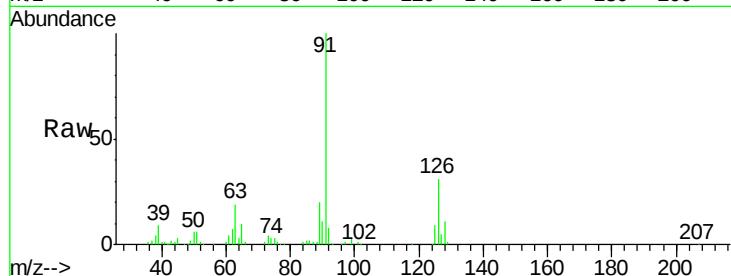
VN1117WBS01

Tot Ion: 91 Resp: 201063

Ion Ratio Lower Upper

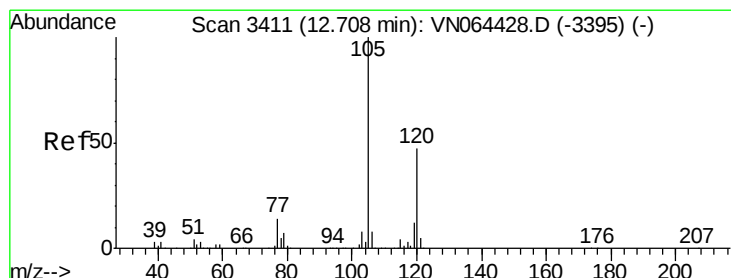
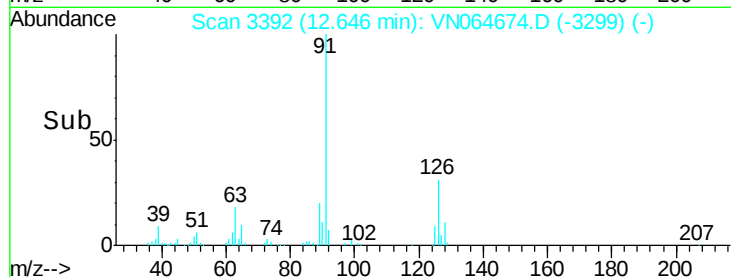
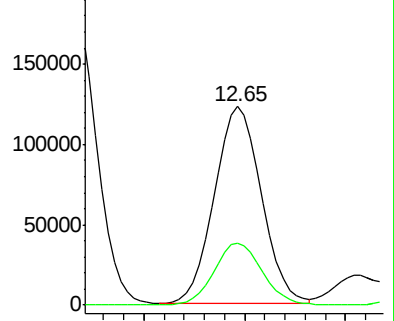
91 100

126 32.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.253 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064674.D

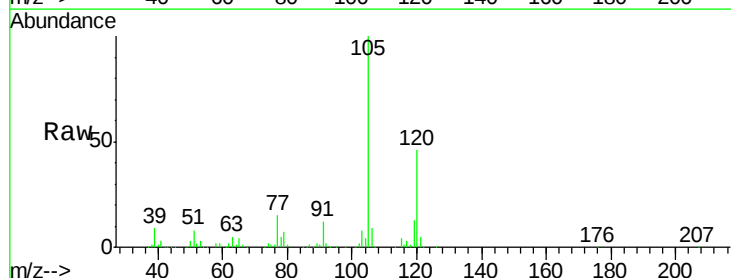
Acq: 17 Nov 2020 12:31

Tgt Ion: 105 Resp: 240218

Ion Ratio Lower Upper

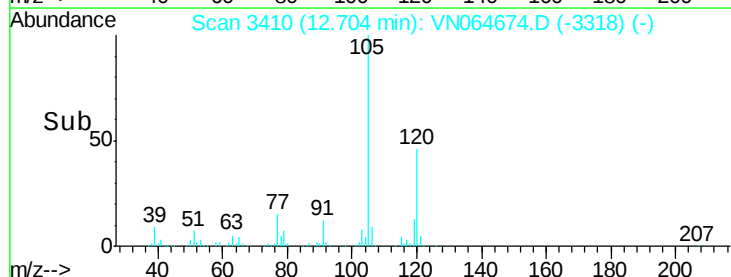
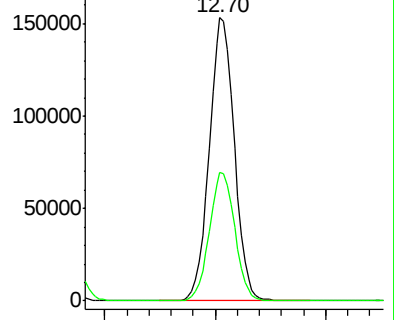
105 100

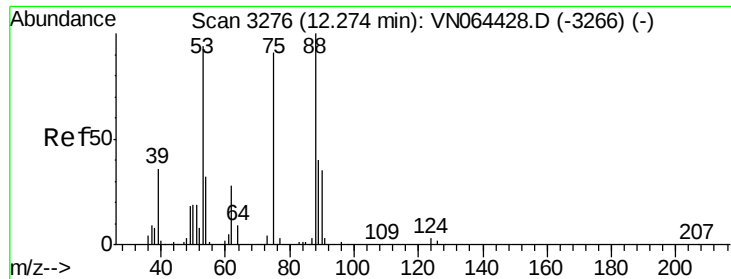
120 46.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.108 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

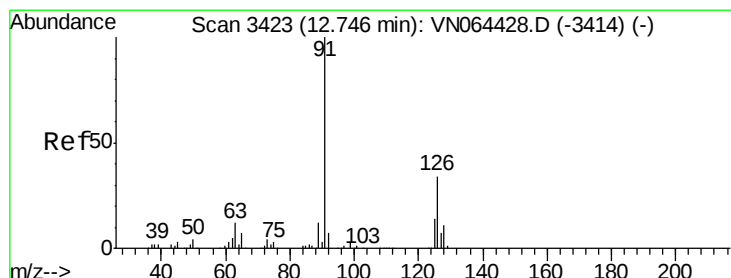
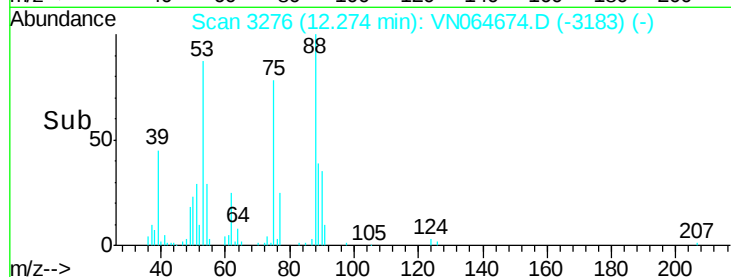
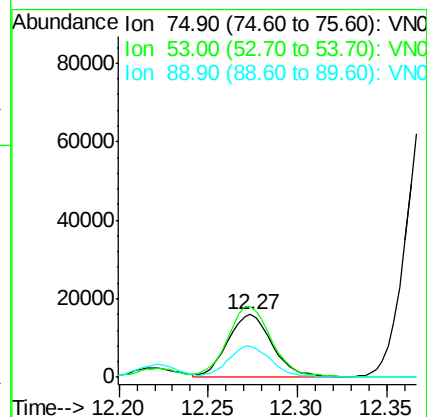
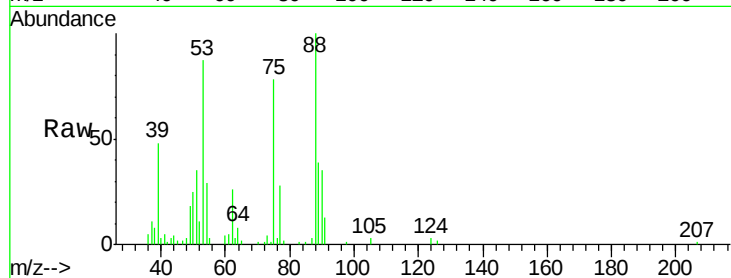
Tot Ion: 75 Resp: 28054

Ion Ratio Lower Upper

75 100

53 109.6 84.0 126.0

89 48.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.686 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064674.D

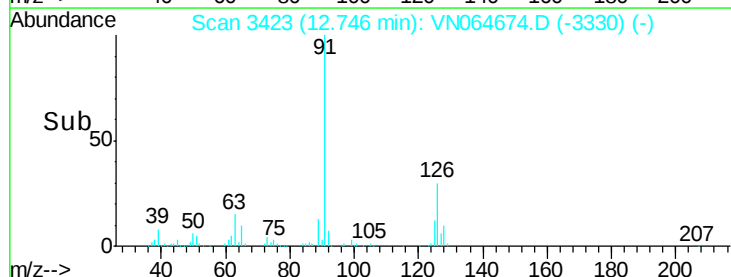
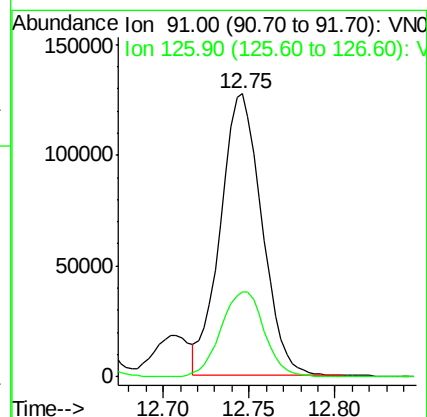
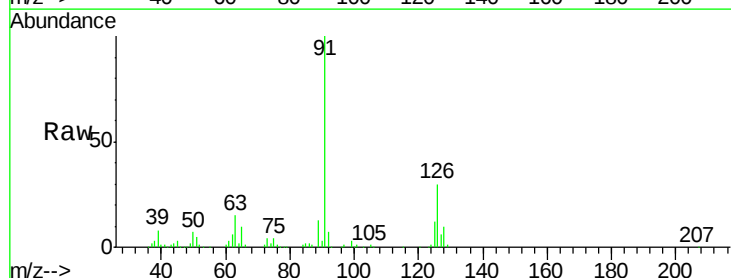
Acq: 17 Nov 2020 12:31

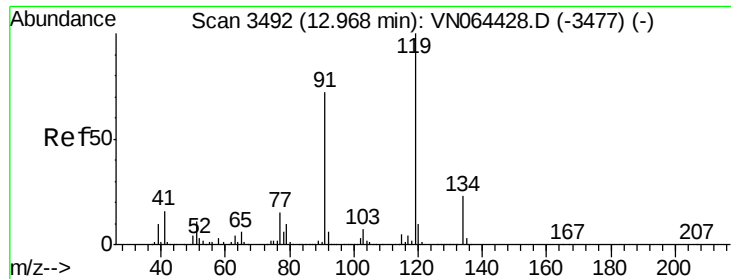
Tgt Ion: 91 Resp: 213644

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.2

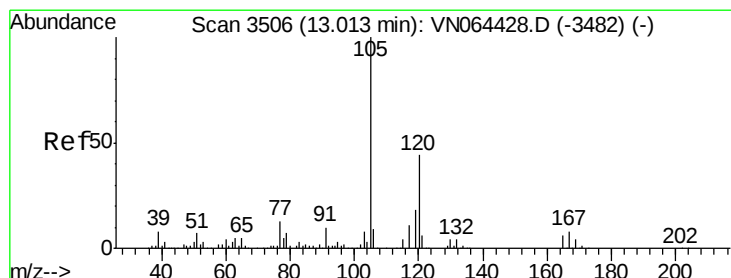
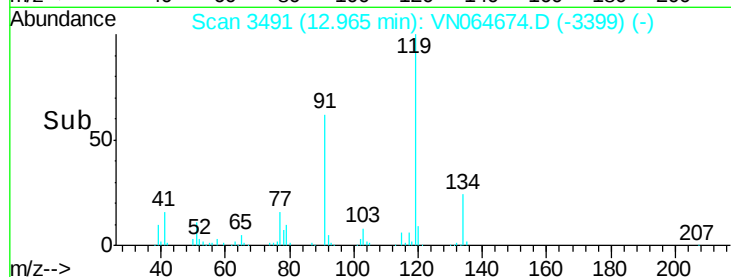
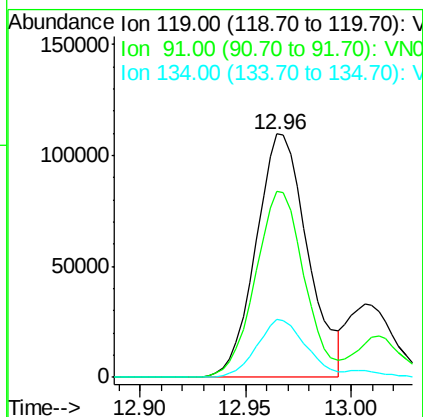
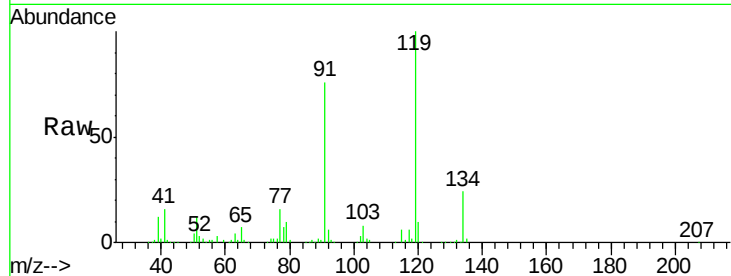




#83
 tert-Butylbenzene
 Concen: 18.159 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

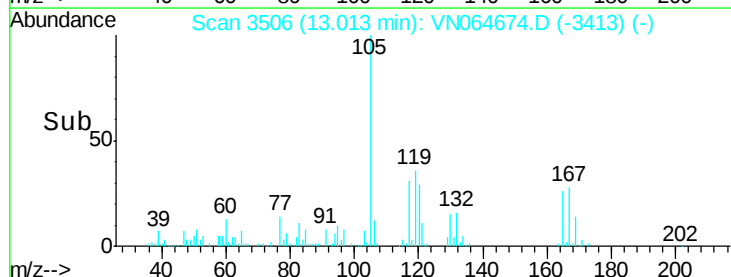
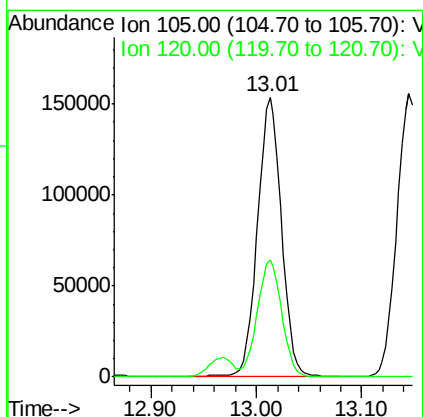
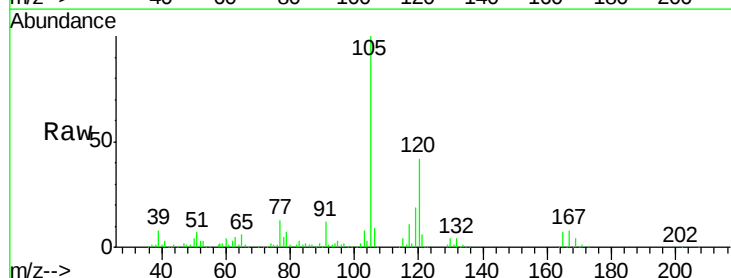
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

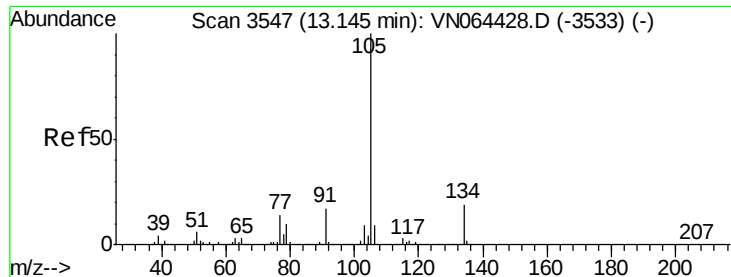
Tot Ion:119 Resp: 186643
 Ion Ratio Lower Upper
 119 100
 91 72.5 36.1 108.3
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.513 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion:105 Resp: 244915
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.9 65.7

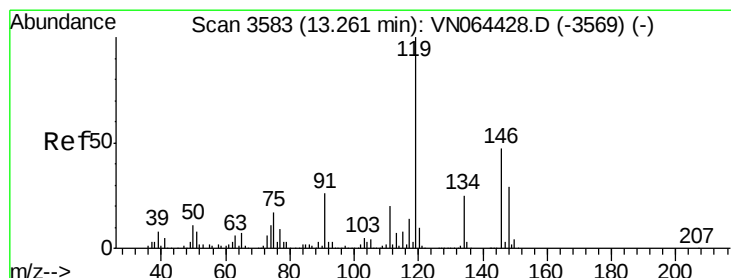
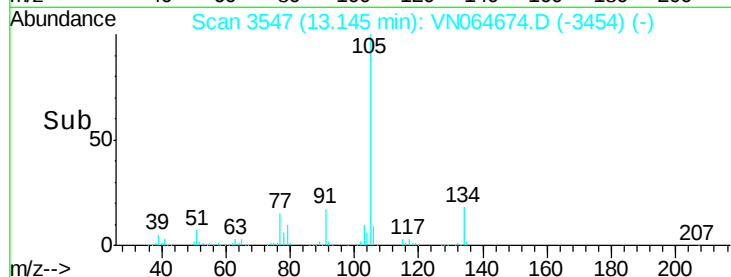
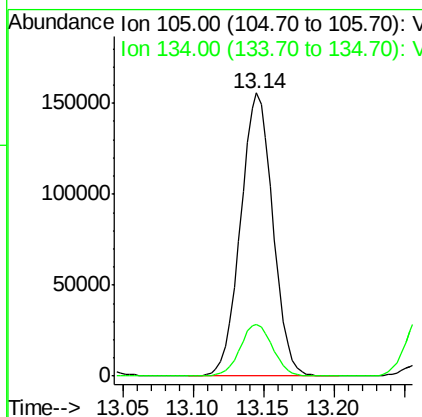
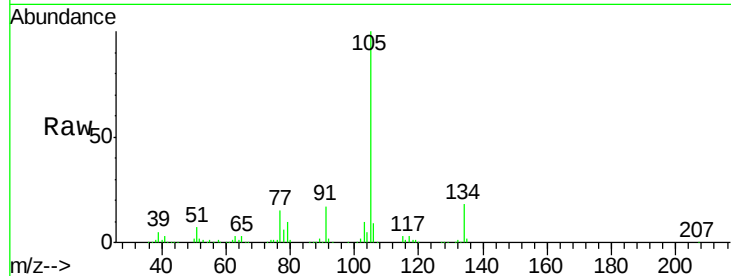




#85
 sec-Butylbenzene
 Concen: 19.170 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

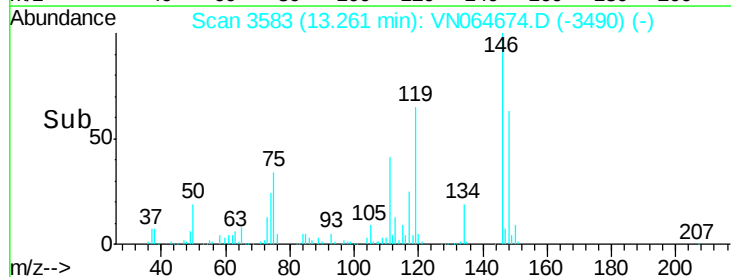
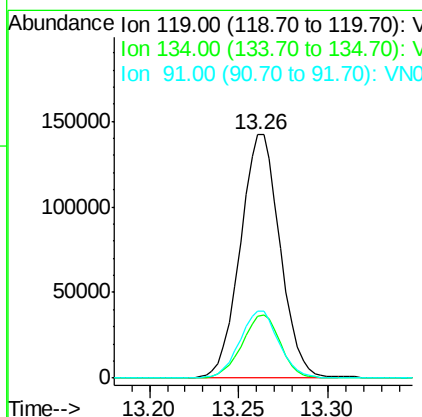
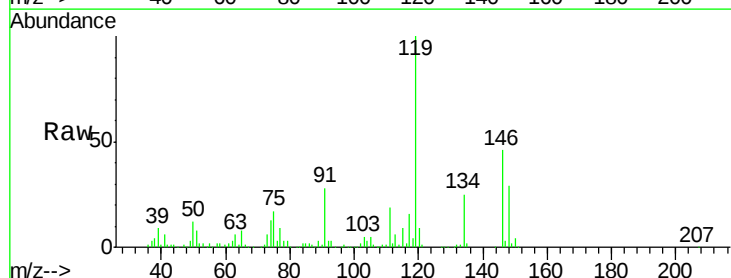
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

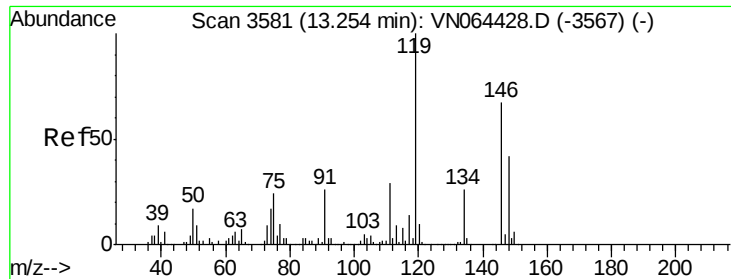
Tot Ion:105 Resp: 249544
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.939 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion:119 Resp: 221752
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.6
 91 27.0 12.8 38.3

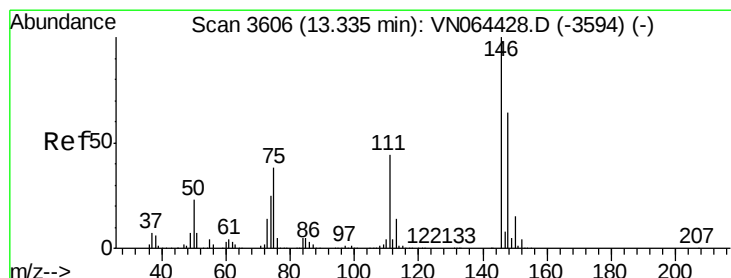
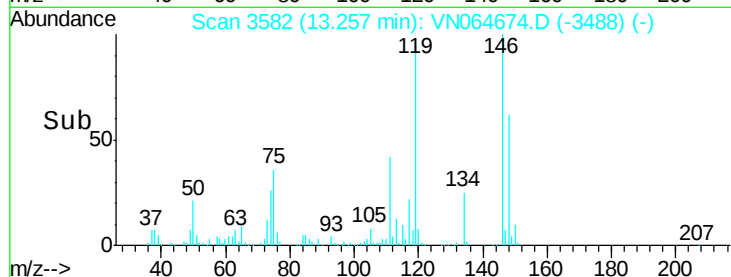
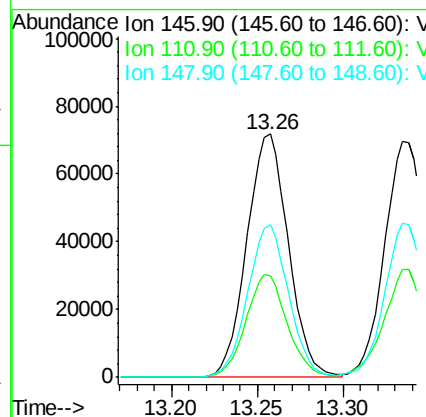
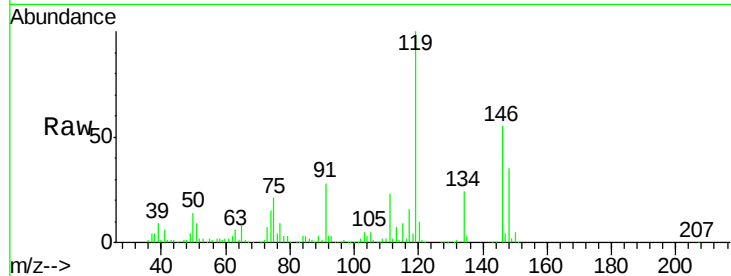




#87
 1,3-Dichlorobenzene
 Concen: 17.914 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

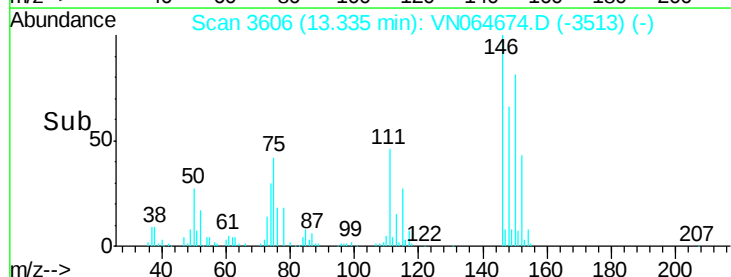
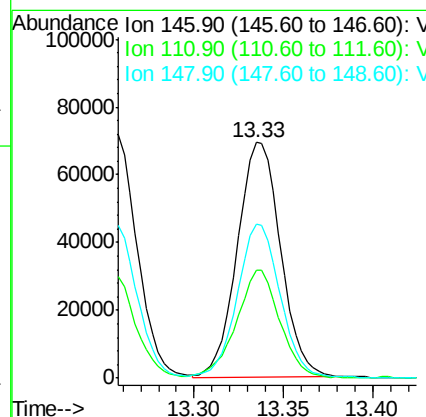
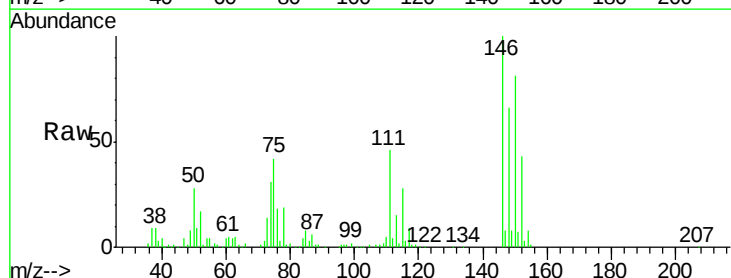
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

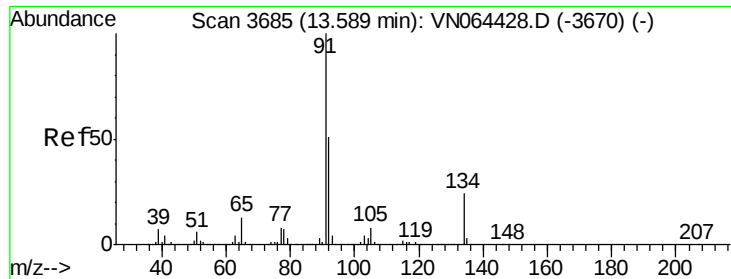
Tot Ion:146 Resp: 120604
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.1 66.1
 148 61.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 16.863 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion:146 Resp: 117322
 Ion Ratio Lower Upper
 146 100
 111 46.0 21.8 65.3
 148 64.8 32.4 97.2

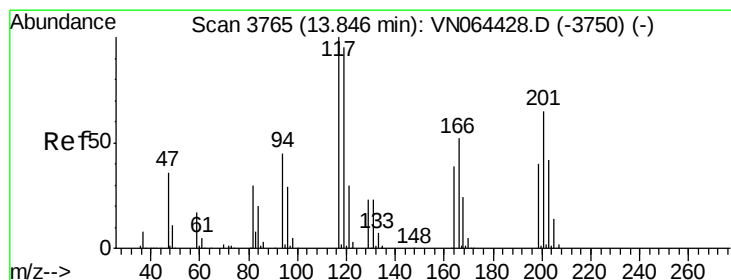
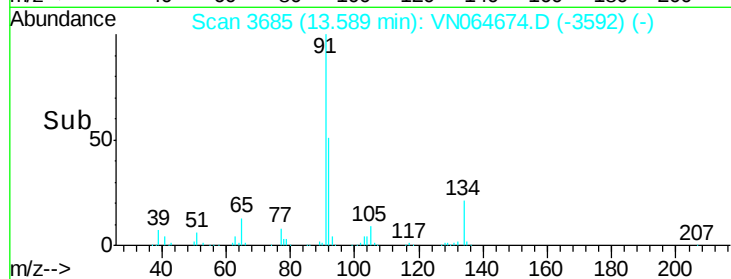
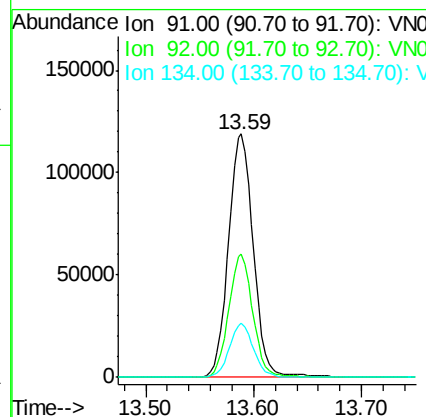
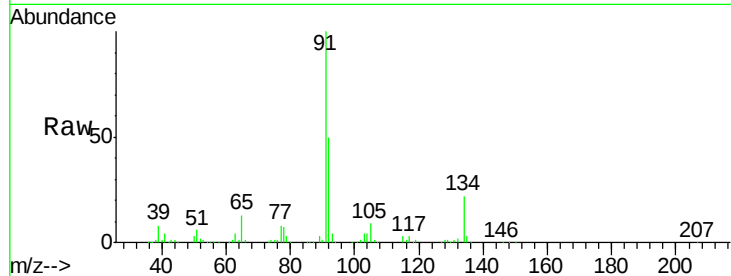




#89
n-Butylbenzene
Concen: 18.991 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

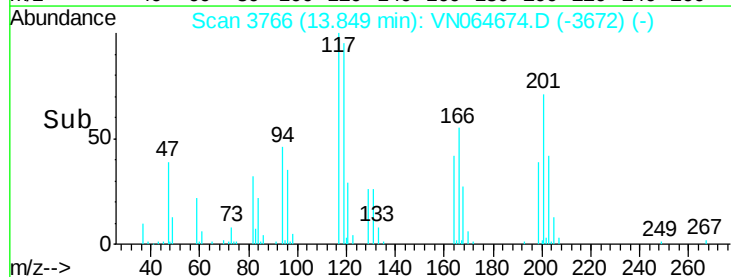
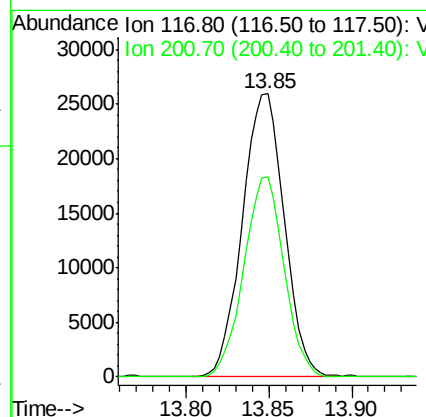
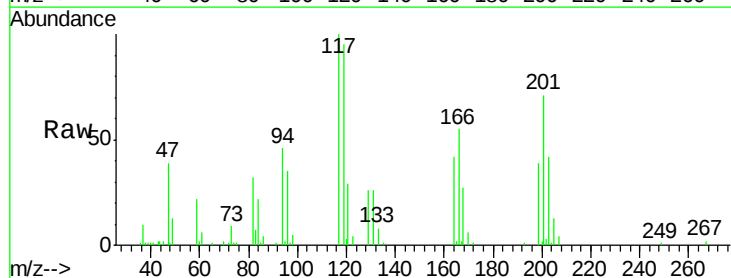
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

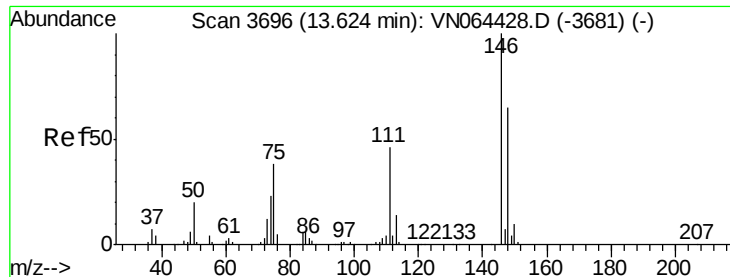
Tot Ion: 91 Resp: 191188
Ion Ratio Lower Upper
91 100
92 48.7 25.3 75.9
134 21.6 11.8 35.4



#90
Hexachloroethane
Concen: 20.241 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064674.D
Acq: 17 Nov 2020 12:31

Tgt Ion: 117 Resp: 45717
Ion Ratio Lower Upper
117 100
201 67.7 32.5 97.5

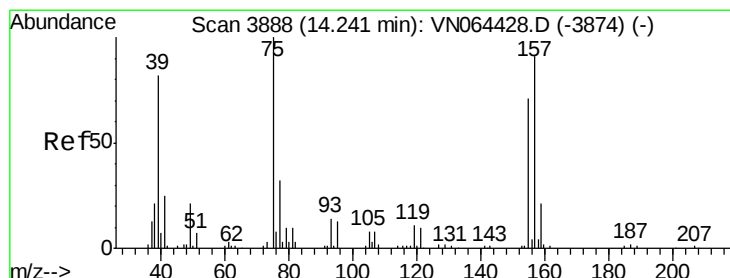
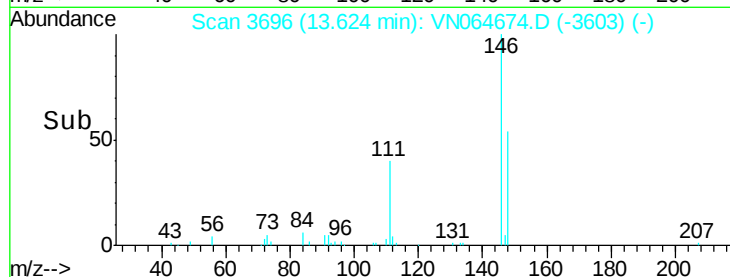
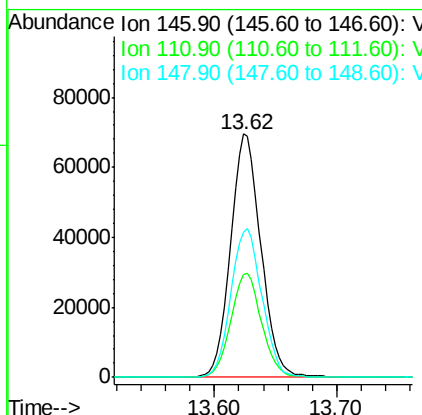
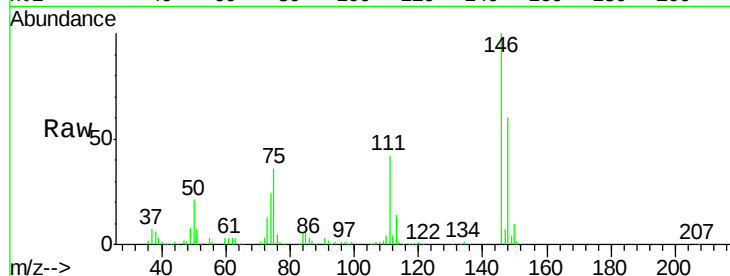




#91
 1,2-Dichlorobenzene
 Concen: 18.576 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

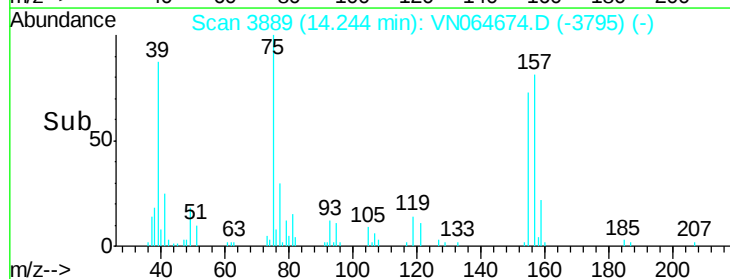
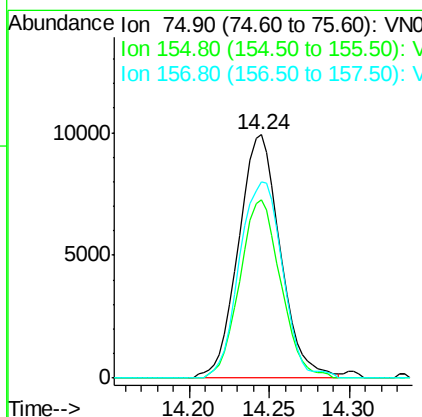
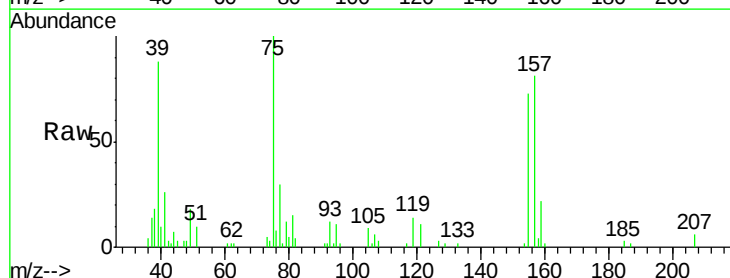
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

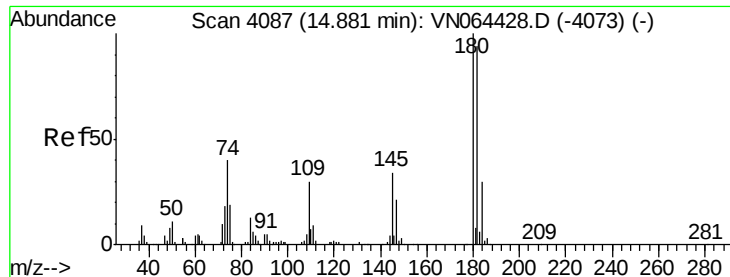
Tot Ion:146 Resp: 120298
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.9 68.7
 148 62.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.149 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion: 75 Resp: 17705
 Ion Ratio Lower Upper
 75 100
 155 71.4 34.6 103.9
 157 83.2 43.0 128.8

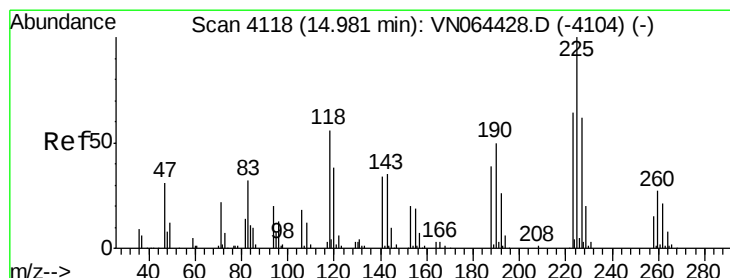
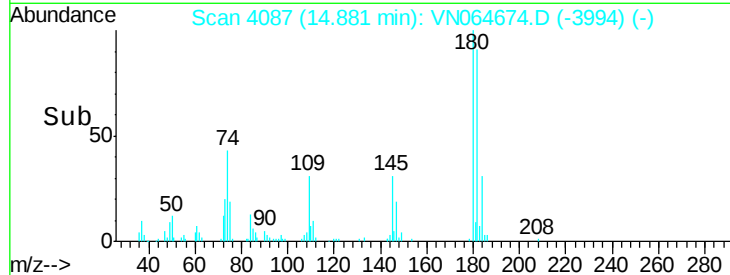
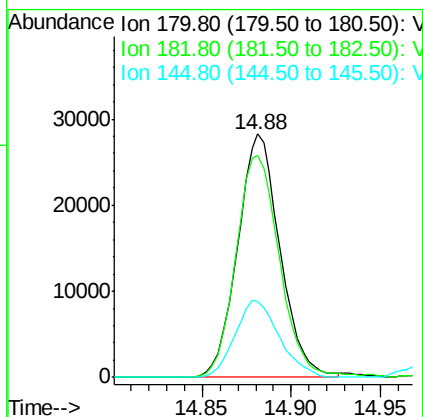
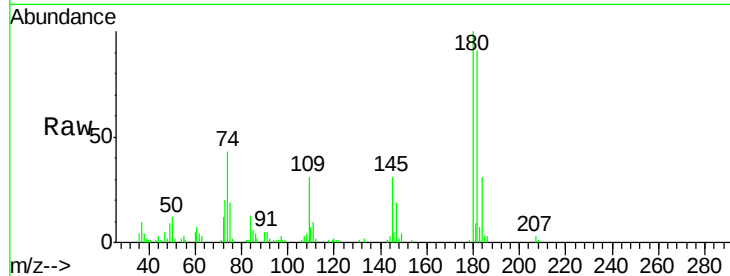




#93
 1,2,4-Trichlorobenzene
 Concen: 16.446 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

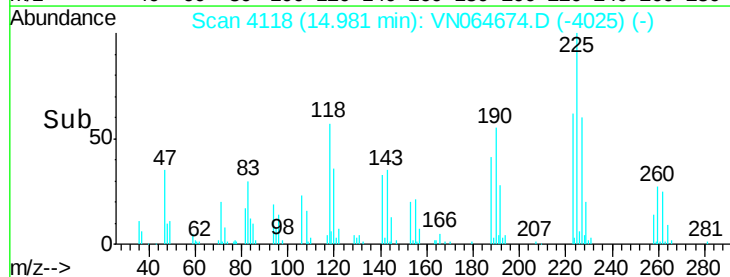
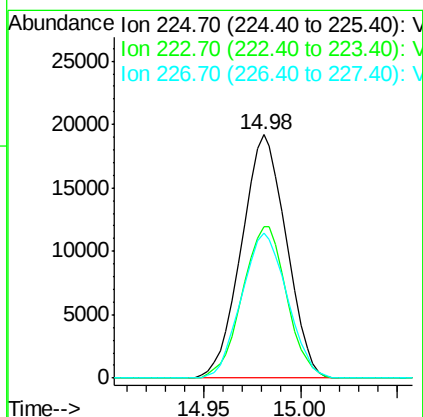
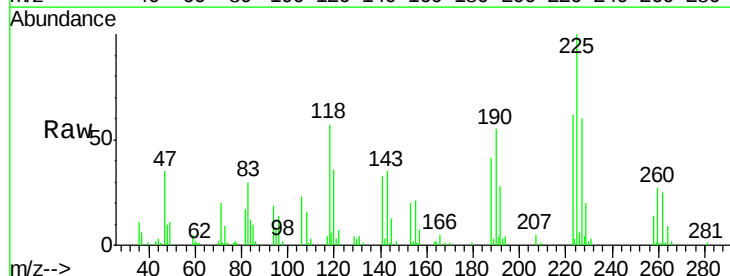
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

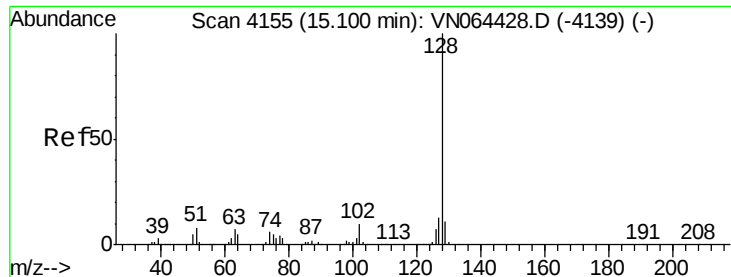
Tot Ion:180 Resp: 46883
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 142.0
 145 33.0 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 23.474 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064674.D
 Acq: 17 Nov 2020 12:31

Tgt Ion:225 Resp: 30951
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.8 95.4
 227 60.5 31.8 95.4





#95

Naphthalene

Concen: 14.504 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

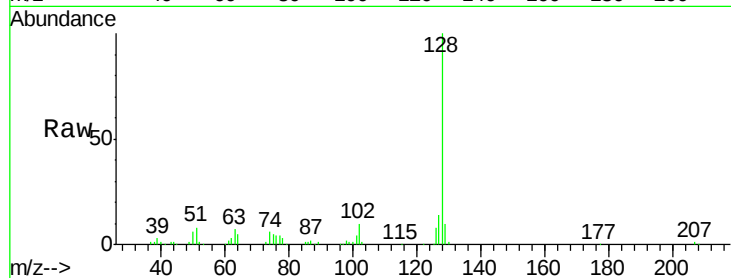
Tot Ion:128 Resp: 129134

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

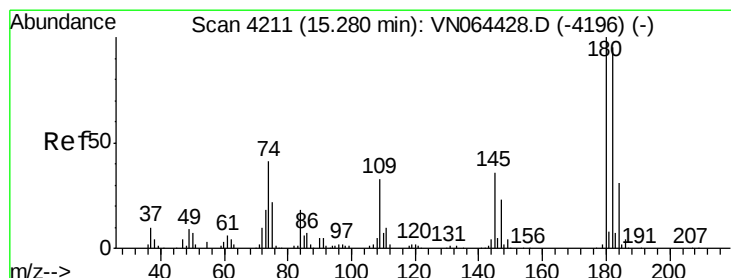
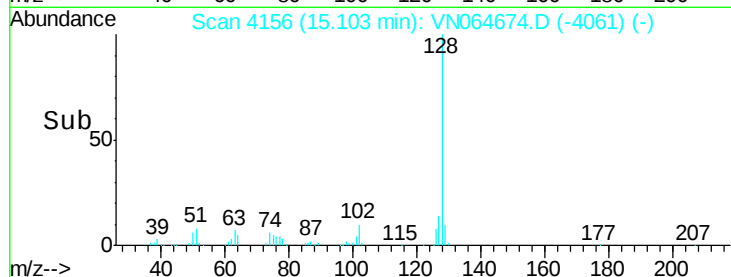
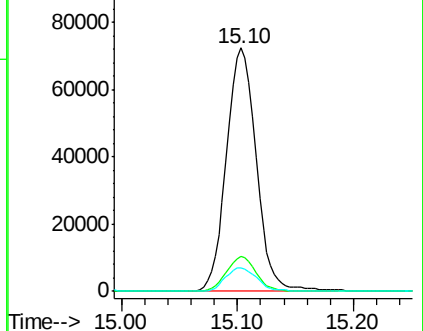
129 10.3 8.8 13.2



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: 17.281 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064674.D

Acq: 17 Nov 2020 12:31

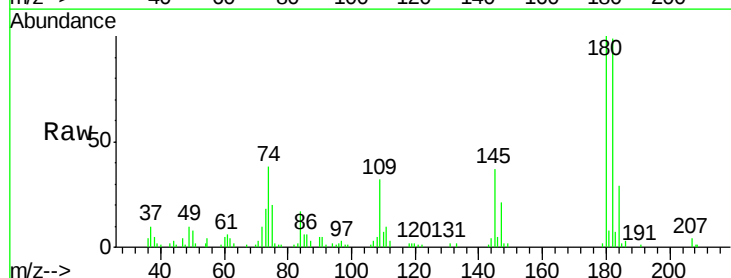
Tgt Ion:180 Resp: 47853

Ion Ratio Lower Upper

180 100

182 98.2 47.7 143.1

145 37.5 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

