

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064510.D
 Acq On : 9 Nov 2020 16:43
 Operator : JC/MD
 Sample : VN1109WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Quant Time: Nov 10 03:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	64626	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	352146	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	326545	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	175596	30.69	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.30%
60) 4-Bromofluorobenzene	12.38	95	166229	29.72	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.07%
63) Toluene-d8	10.06	98	455154	29.89	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	91136	21.056	ug/l 96
3) Chloromethane	2.04	50	100999	20.450	ug/l 100
4) Vinyl Chloride	2.17	62	104760	19.577	ug/l 97
5) Bromomethane	2.54	94	70012	19.991	ug/l 88
6) Chloroethane	2.68	64	68999	20.648	ug/l 97
7) Trichlorofluoromethane	2.99	101	163417	21.089	ug/l 98
8) Diethyl Ether	3.38	74	57434	20.754	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	77204	21.169	ug/l # 79
10) 1,1-Dichloroethene	3.69	96	72047	20.651	ug/l 95
11) Methyl Iodide	3.91	142	84851	19.728	ug/l 99
12) Methyl Acetate	4.29	43	82913	19.493	ug/l 100
13) Acrolein	3.57	56	48721	113.265	ug/l 100
14) Acrylonitrile	4.94	53	182834	96.646	ug/l 99
15) Acetone	3.78	58	56700	90.817	ug/l 93
16) Carbon Disulfide	4.01	76	212791	20.098	ug/l 98
17) Allyl chloride	4.28	41	132044	20.144	ug/l 97
18) Methylene Chloride	4.50	84	82786	19.983	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	80550	20.372	ug/l 95
20) Diisopropyl ether	5.90	45	287131	20.118	ug/l 96
21) 1,1-Dichloroethane	5.79	63	164730	20.988	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	91257	20.364	ug/l 93
23) tert-Butyl Alcohol	4.75	59	65078	100.465	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	249090	20.186	ug/l # 71
25) Chloroform	7.33	83	171889	20.841	ug/l 99
26) Cyclohexane	7.61	56	120562	19.896	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	121780	19.927	ug/l 97
30) 2-Butanone	6.79	43	275767	91.159	ug/l # 76
31) 2,2-Dichloropropane	6.78	77	147663	20.342	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	149069	19.887	ug/l 99
33) Carbon Tetrachloride	7.73	117	132772	19.834	ug/l 94
34) Benzene	8.00	78	350836	19.827	ug/l 97
35) Methacrylonitrile	7.12	41	42322	14.955	ug/l 95
36) 1,2-Dichloroethane	8.08	62	144960	19.963	ug/l 99
37) Trichloroethene	8.80	130	90824	20.301	ug/l 100
38) Methylcyclohexane	9.05	83	108665	19.659	ug/l 99
39) 1,2-Dichloropropane	9.08	63	95652	20.118	ug/l 100
40) Dibromomethane	9.17	93	64595	20.139	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	135599	19.506	ug/l	100
42) Vinyl Acetate	5.85	43	1172019	96.777	ug/l	100
43) Ethyl Acetate	6.89	43	113640	19.306	ug/l	95
44) Isopropyl Acetate	8.13	43	188344	18.536	ug/l	97
45) 1,4-Dioxane	9.17	88	27098	380.433	ug/l	99
46) Methyl methacrylate	9.17	41	93902	18.582	ug/l	96
47) n-amyl Acetate	12.04	43	158529	18.035	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	139639	18.955	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	148337	19.164	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	85618	19.470	ug/l	97
51) Ethyl methacrylate	10.40	69	118462	18.799	ug/l	96
52) 1,3-Dichloropropane	10.68	76	148696	19.683	ug/l	100
53) Dibromochloromethane	10.87	129	98096	19.479	ug/l	99
54) 1,2-Dibromoethane	10.98	107	87336	19.417	ug/l	98
55) 2-Chloroethyl vinyl ether	9.67	63	284510	86.275	ug/l	99
56) Bromoform	12.10	173	61634	18.650	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	581789	97.019	ug/l	99
59) 2-Hexanone	10.72	43	417303	92.393	ug/l	97
61) Tetrachloroethene	10.60	164	83618	20.486	ug/l	98
62) Toluene	10.13	91	386707	20.165	ug/l	100
64) Chlorobenzene	11.41	112	227539	19.961	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.48	131	90486	20.306	ug/l	98
66) Ethyl Benzene	11.48	91	413781	19.993	ug/l	99
67) m/p-Xylenes	11.59	106	298965	39.137	ug/l	96
68) o-Xylene	11.92	106	143886	19.904	ug/l	97
69) Styrene	11.94	104	242242	19.567	ug/l	100
70) Isopropylbenzene	12.22	105	377396	19.945	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	115939	19.133	ug/l	96
72) 1,2,3-Trichloropropane	12.53	75	163976	27.134	ug/l	59
73) Bromobenzene	12.50	156	91598	19.569	ug/l	96
74) n-propylbenzene	12.57	91	443992	19.949	ug/l	99
75) 2-Chlorotoluene	12.65	91	280412	20.039	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	319398	19.996	ug/l	98
77) t-1,4-Dichloro-2-butene	12.28	75	40014	18.161	ug/l	93
78) 4-Chlorotoluene	12.75	91	292933	19.922	ug/l	99
79) tert-butylbenzene	12.97	119	248728	19.842	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	324929	20.187	ug/l	98
81) sec-Butylbenzene	13.15	105	333206	20.053	ug/l	99
82) p-Isopropyltoluene	13.26	119	297263	20.025	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	160700	19.516	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	154184	18.826	ug/l	97
85) n-Butylbenzene	13.59	91	250484	19.463	ug/l	98
86) Hexachloroethane	13.85	117	57165	19.325	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	158521	19.766	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	24987	19.087	ug/l	93
89) 1,2,4-Trichlorobenzene	14.88	180	68683	18.862	ug/l	91
90) Hexachlorobutadiene	14.98	225	36253	19.989	ug/l	100
91) Naphthalene	15.10	128	198486	16.477	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	65908	17.885	ug/l	96

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

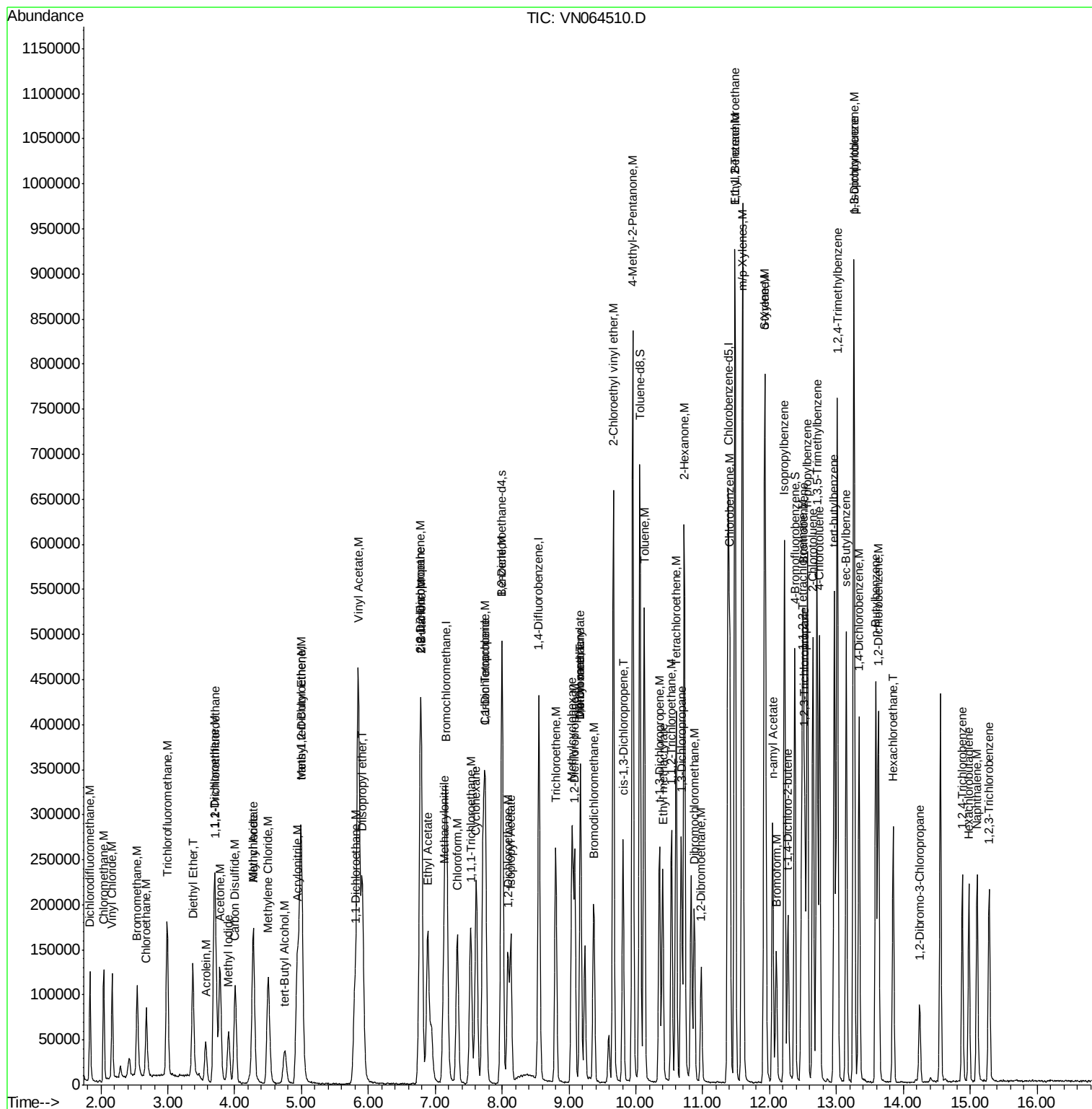
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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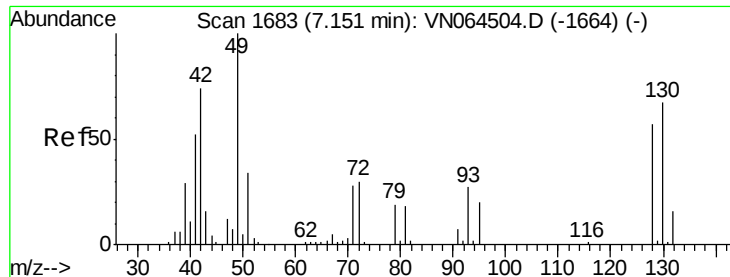
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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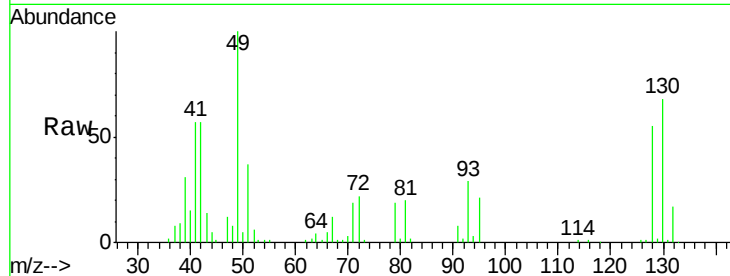




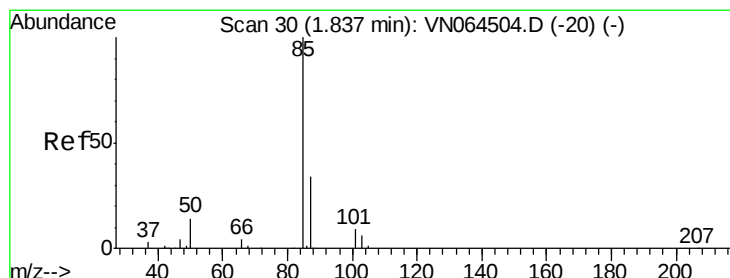
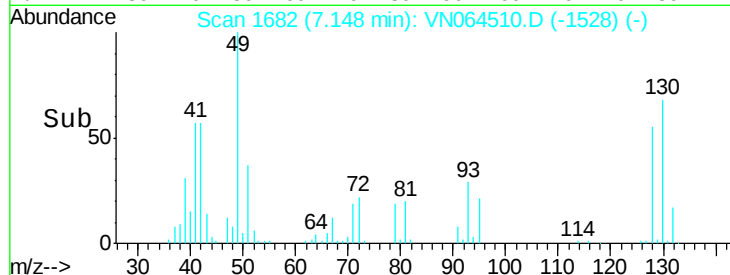
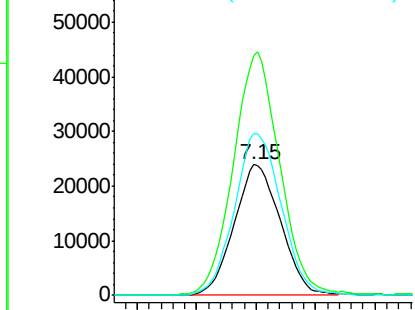
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

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ClientSampleId :
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Tot Ion:128 Resp: 64626
Ion Ratio Lower Upper
128 100
49 184.0 0.0 475.5
130 125.3 0.0 315.3

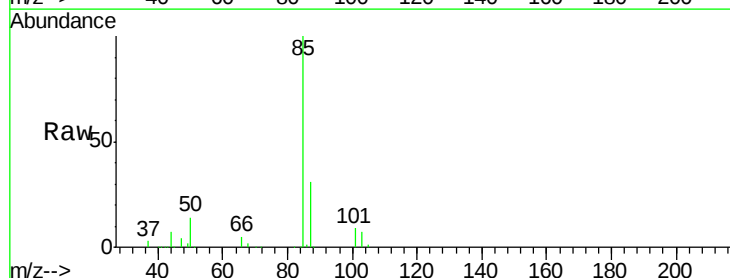


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

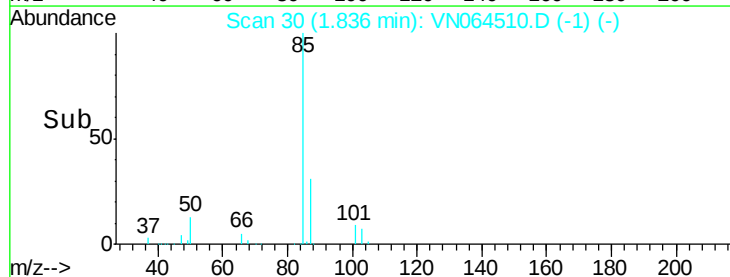
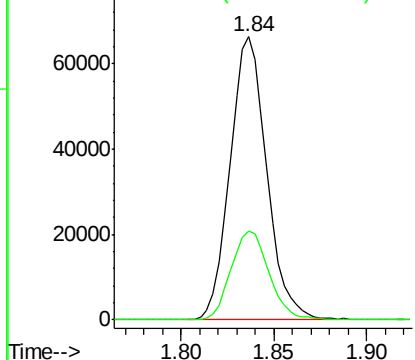


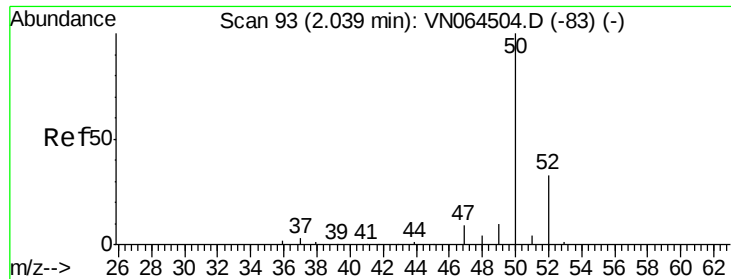
#2
Dichlorodifluoromethane
Concen: 21.056 ug/l
RT: 1.84 min Scan# 30
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 85 Resp: 91136
Ion Ratio Lower Upper
85 100
87 31.5 17.0 50.9



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN

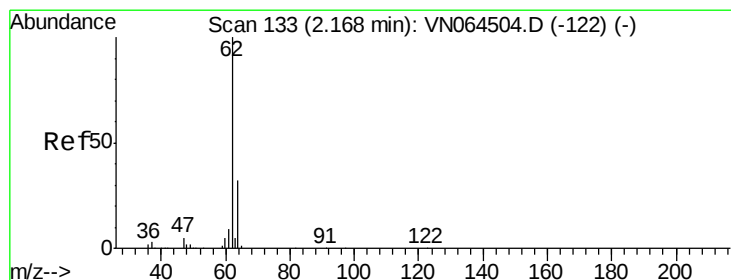
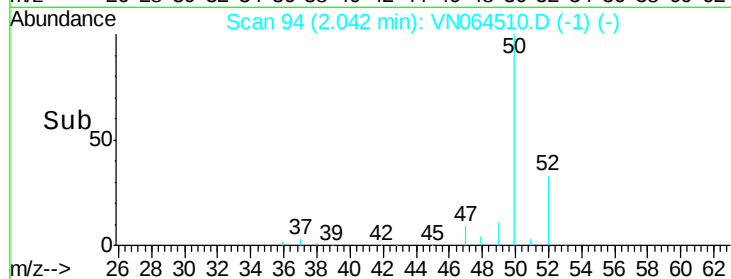
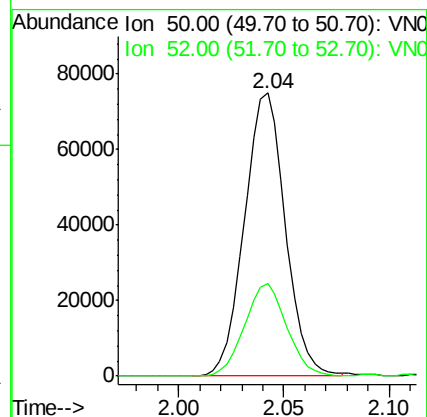
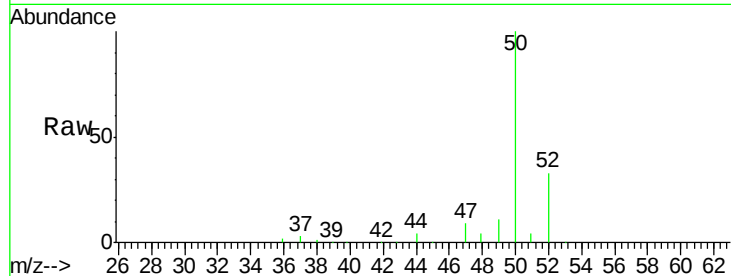




#3
Chloromethane
Concen: 20.450 ug/l
RT: 2.04 min Scan# 94
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

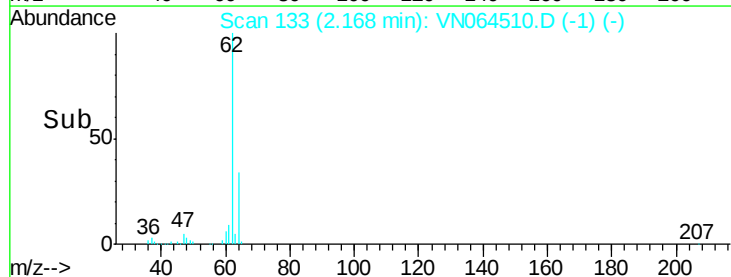
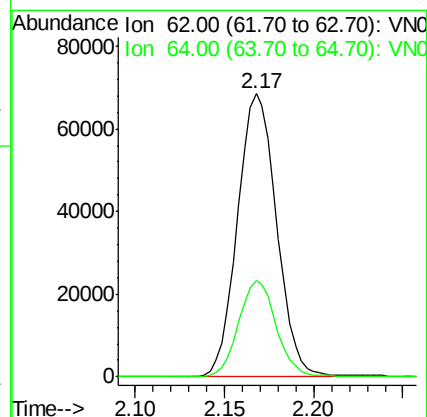
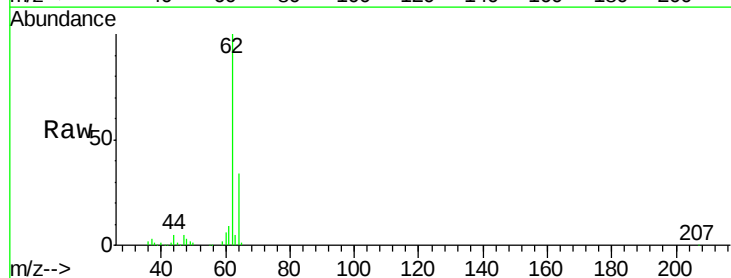
Instrument :
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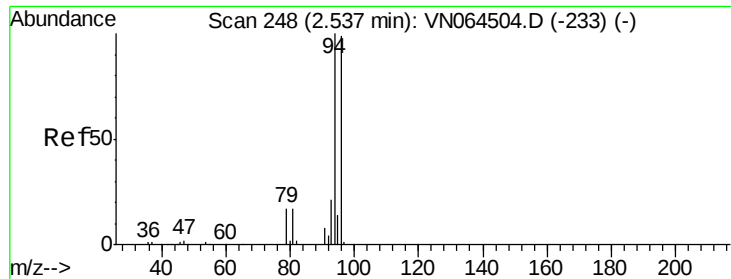
Tot Ion: 50 Resp: 100999
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 19.577 ug/l
RT: 2.17 min Scan# 133
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 62 Resp: 104760
Ion Ratio Lower Upper
62 100
64 33.9 25.8 38.8





#5

Bromomethane

Concen: 19.991 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

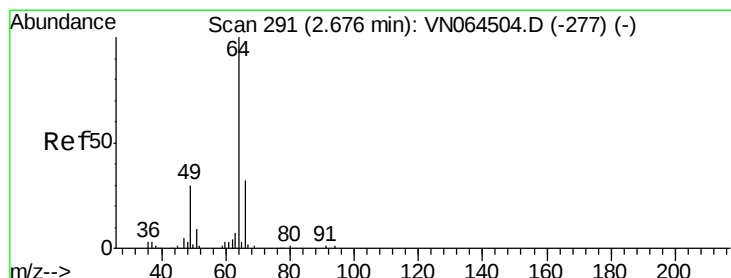
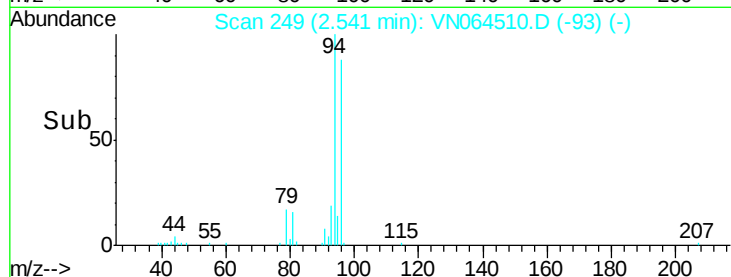
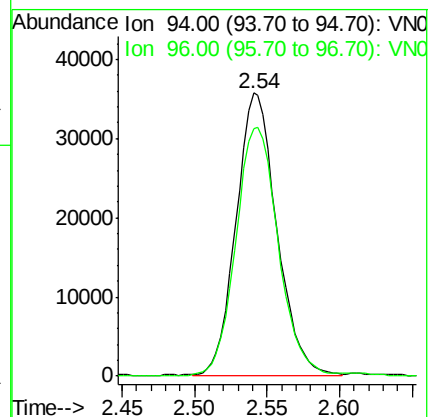
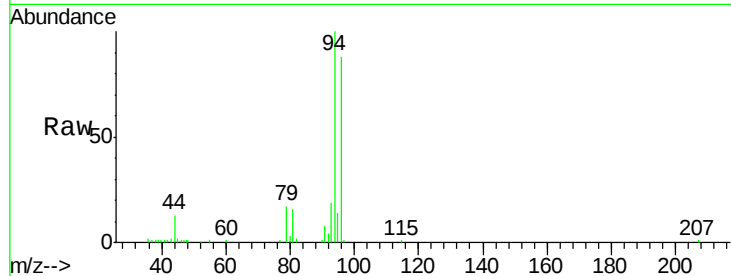
VN1109WBS01

Tot Ion: 94 Resp: 70012

Ion Ratio Lower Upper

94 100

96 87.3 79.3 118.9



#6

Chloroethane

Concen: 20.648 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064510.D

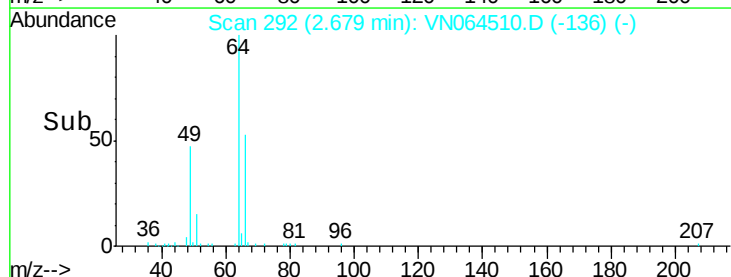
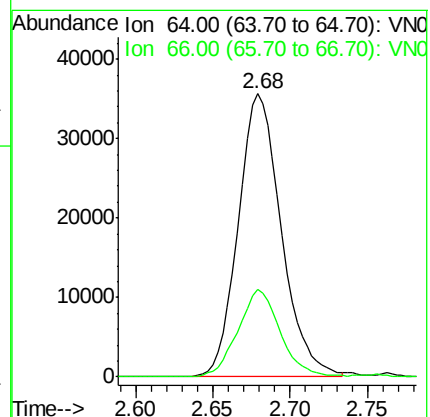
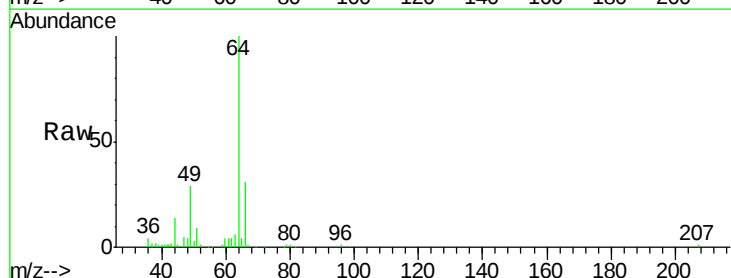
Acq: 9 Nov 2020 16:43

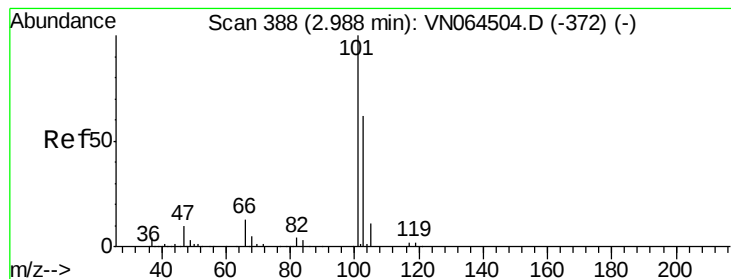
Tgt Ion: 64 Resp: 68999

Ion Ratio Lower Upper

64 100

66 30.8 26.0 39.0



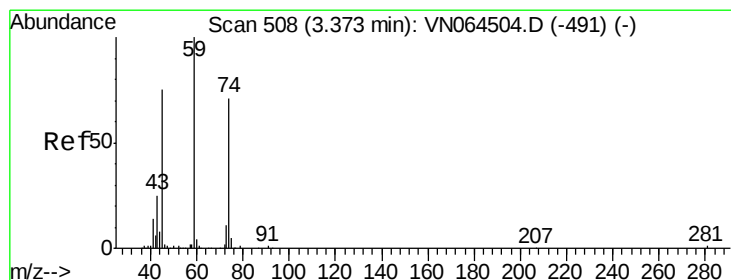
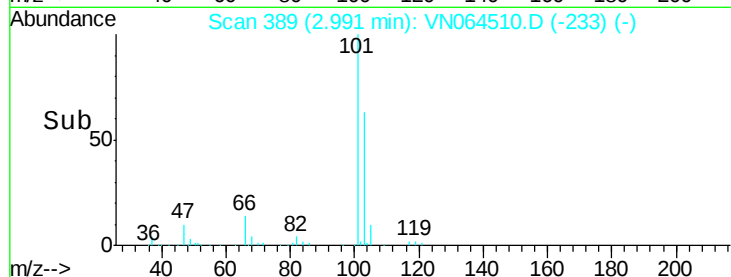
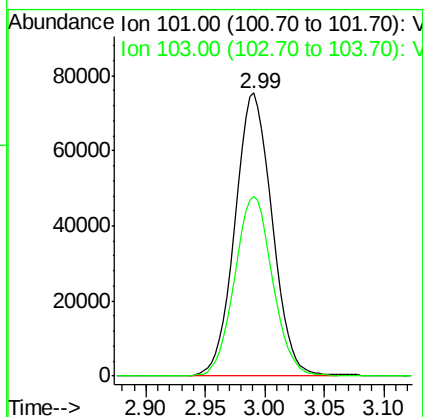
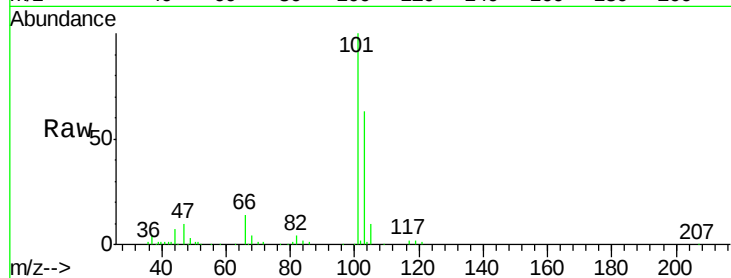


#7

Trichlorofluoromethane
 Concen: 21.089 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Instrument :
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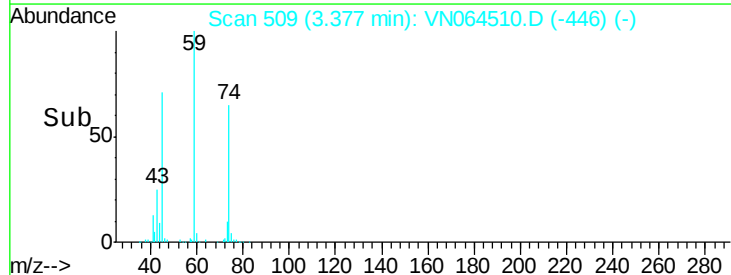
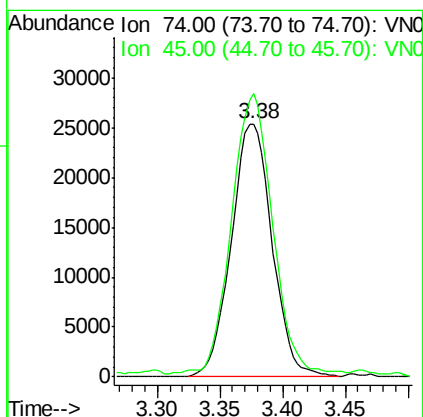
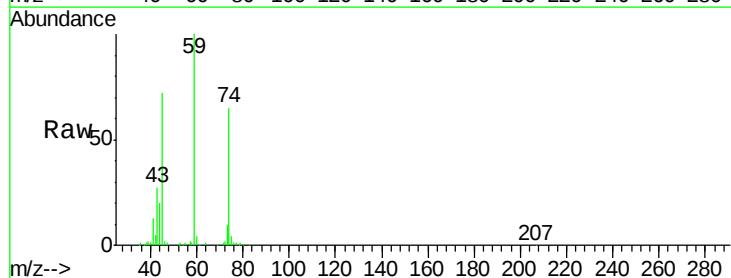
Tot Ion:101 Resp: 163417
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.3 73.9

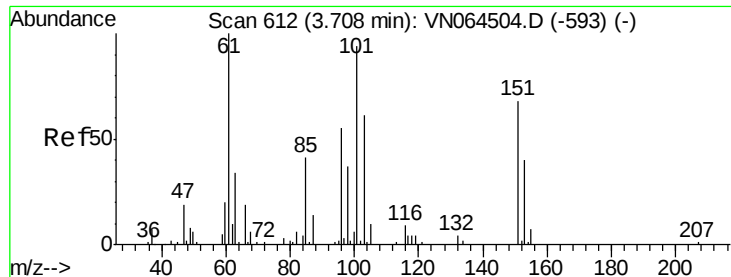


#8

Diethyl Ether
 Concen: 20.754 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 74 Resp: 57434
 Ion Ratio Lower Upper
 74 100
 45 106.7 22.1 198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.169 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

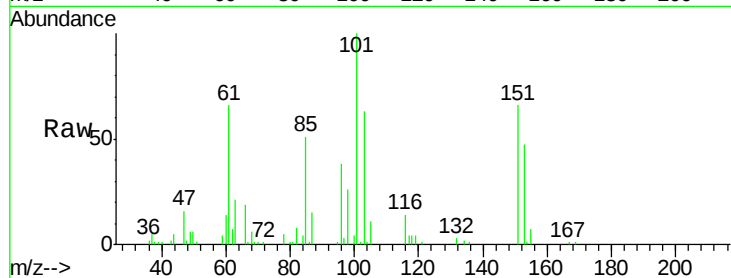
Tot Ion:101 Resp: 77204

Ion Ratio Lower Upper

101 100

85 51.4 0.0 49.0#

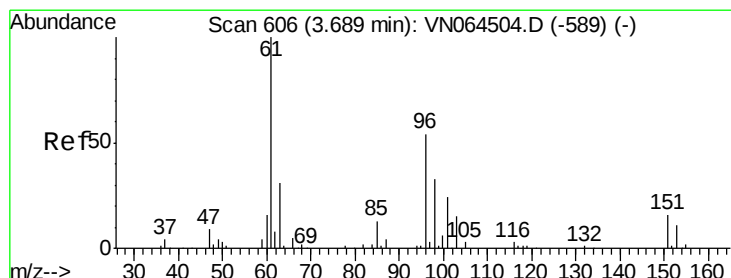
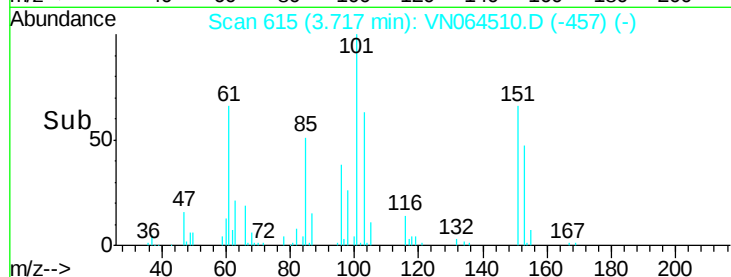
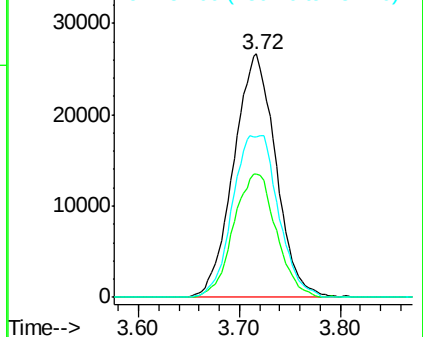
151 39.9 0.0 80.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.651 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

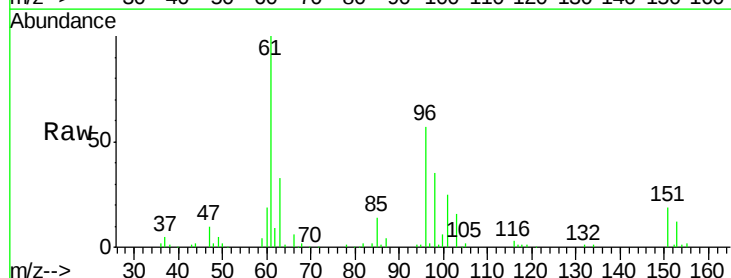
Tgt Ion: 96 Resp: 72047

Ion Ratio Lower Upper

96 100

61 176.6 149.2 223.8

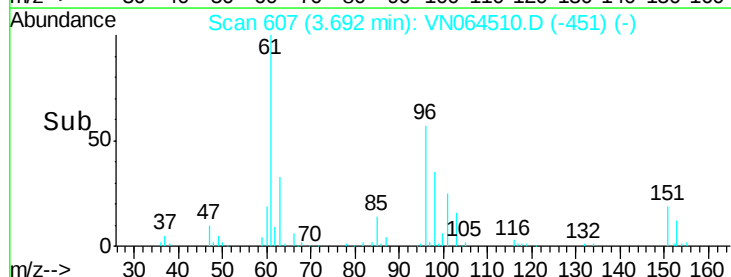
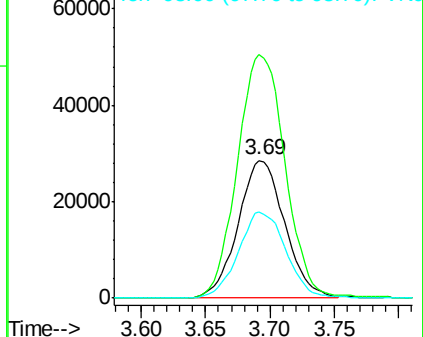
98 62.2 49.6 74.4

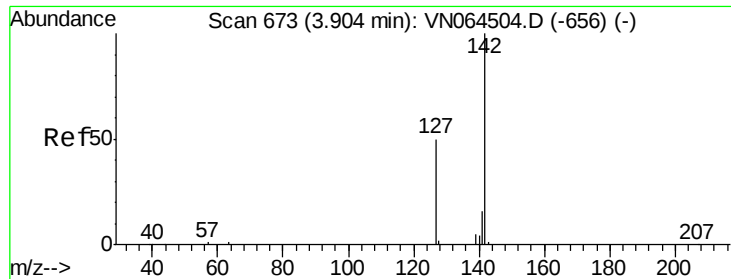


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

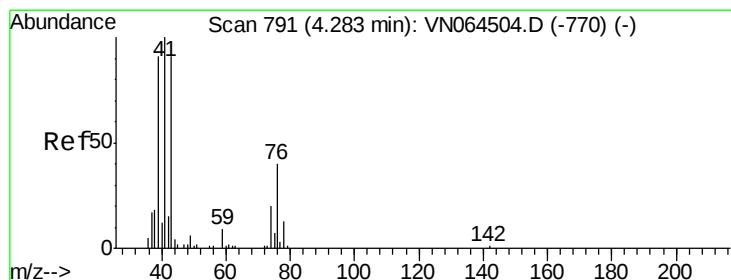
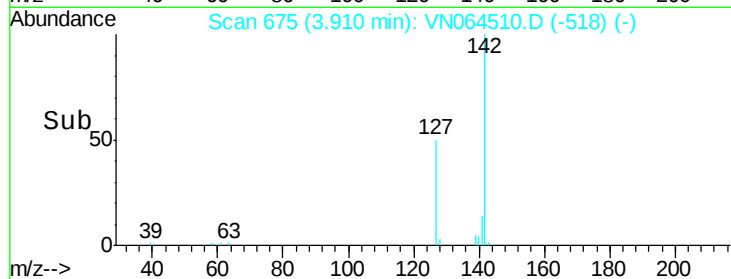
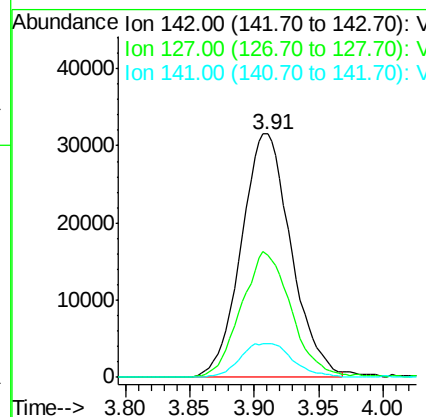
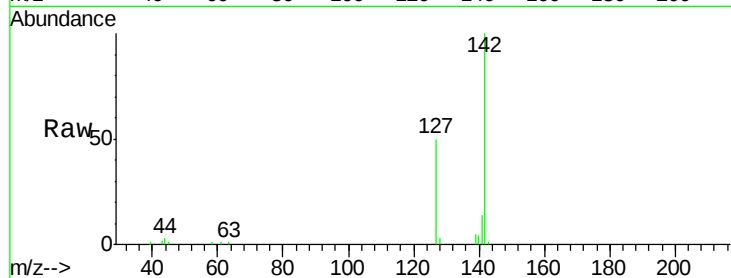




#11
Methvl Iodide
Concen: 19.728 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

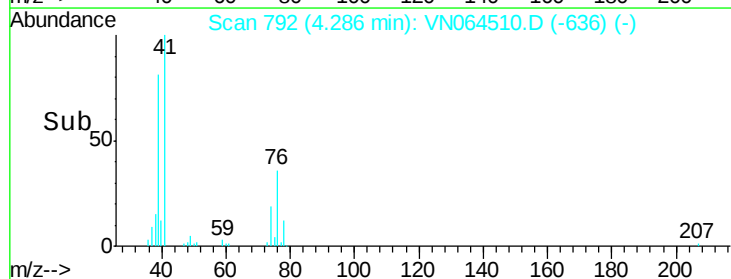
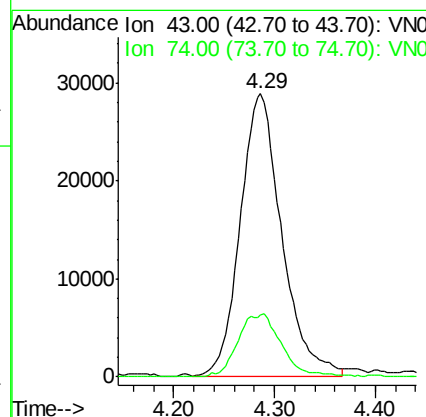
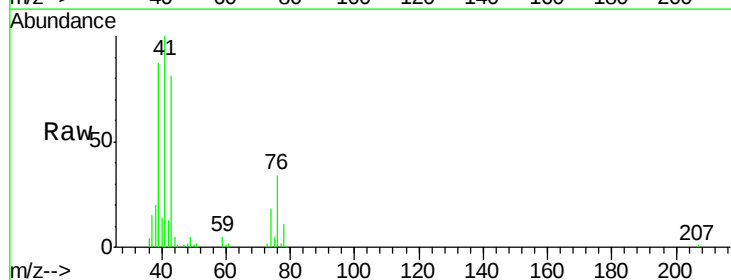
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

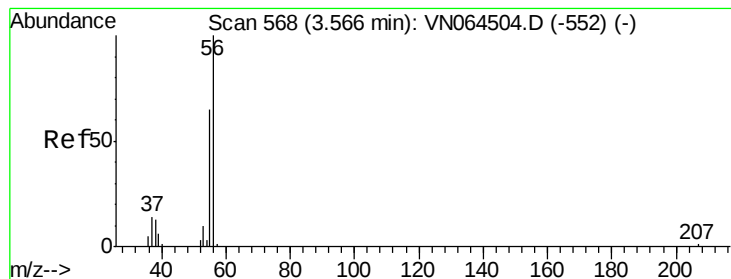
Tot Ion:142 Resp: 84851
Ion Ratio Lower Upper
142 100
127 50.0 24.7 74.1
141 14.2 7.8 23.3



#12
Methyl Acetate
Concen: 19.493 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 82913
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5





#13

Acrolein

Concen: 113.265 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

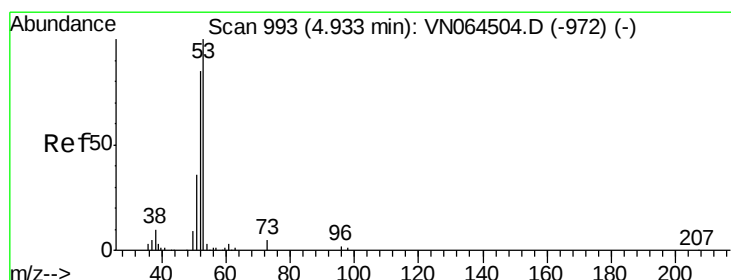
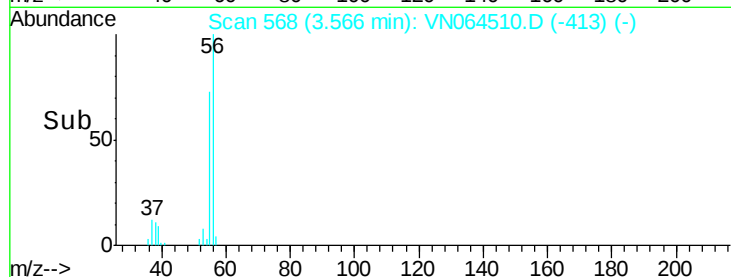
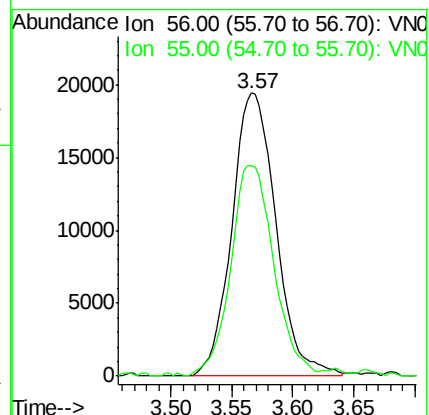
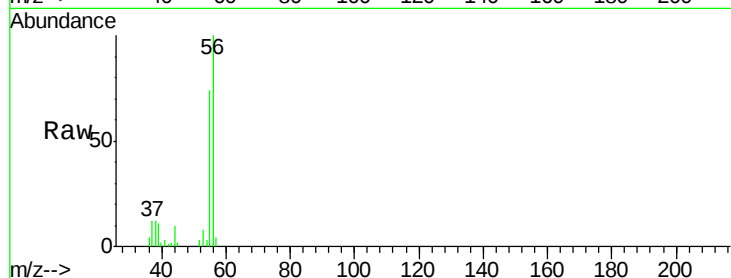
VN1109WBS01

Tot Ion: 56 Resp: 48721

Ion Ratio Lower Upper

56 100

55 72.9 58.2 87.2



#14

Acrylonitrile

Concen: 96.646 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

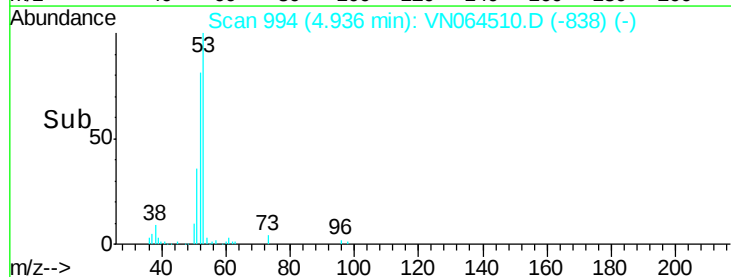
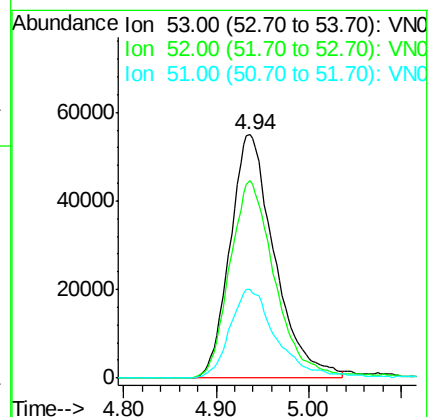
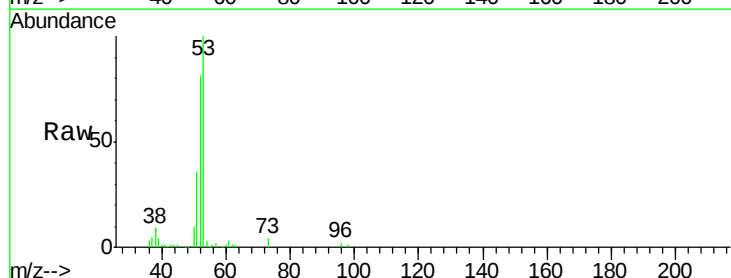
Tgt Ion: 53 Resp: 182834

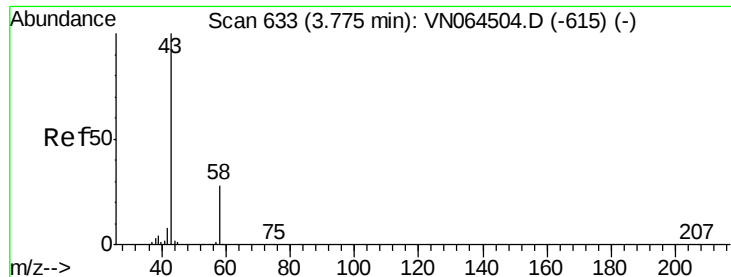
Ion Ratio Lower Upper

53 100

52 81.5 41.3 124.1

51 36.7 18.9 56.5





#15

Acetone

Concen: 90.817 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

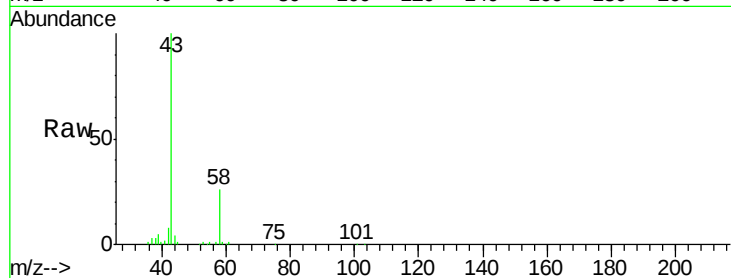
VN1109WBS01

Tot Ion: 58 Resp: 56700

Ion Ratio Lower Upper

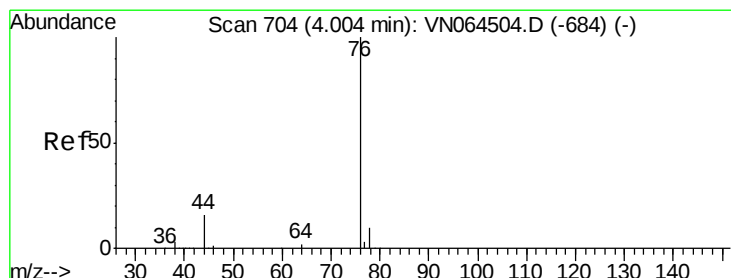
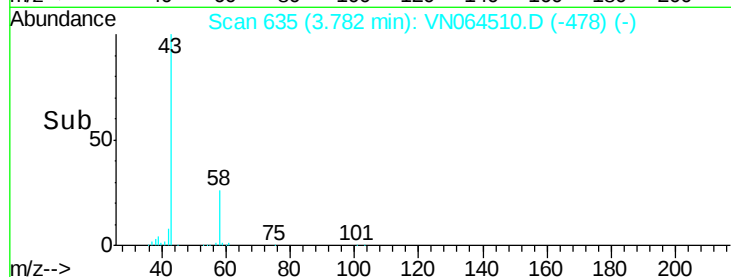
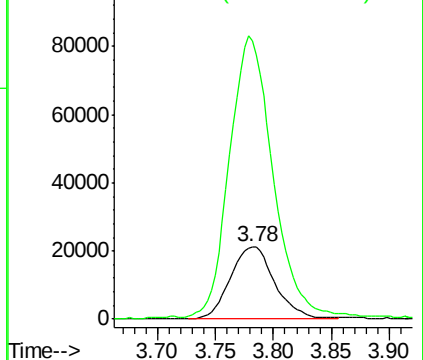
58 100

43 378.8 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.098 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064510.D

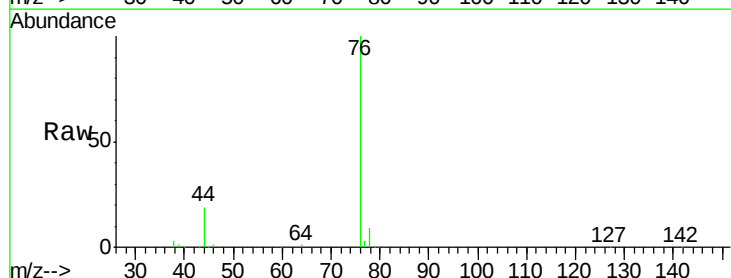
Acq: 9 Nov 2020 16:43

Tgt Ion: 76 Resp: 212791

Ion Ratio Lower Upper

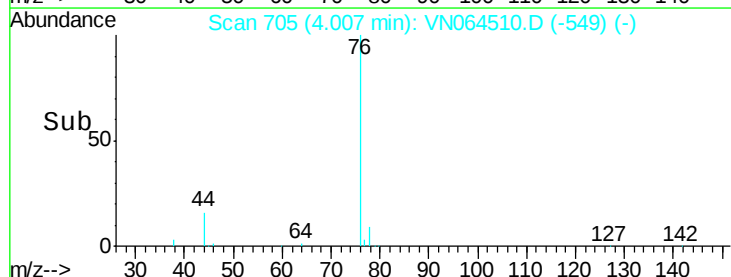
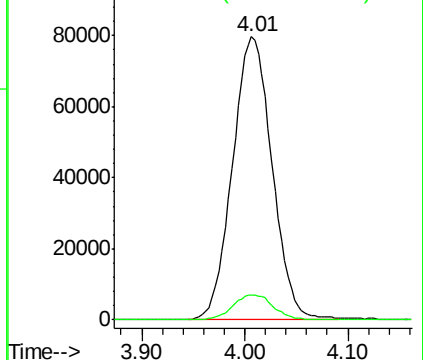
76 100

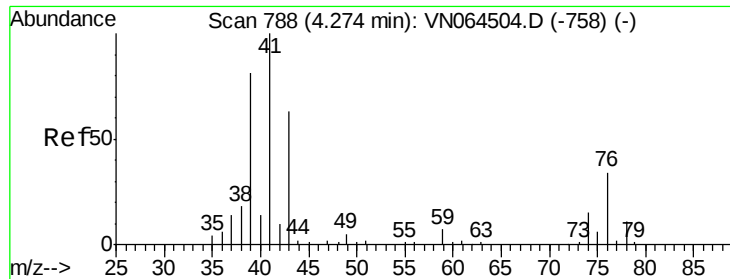
78 8.9 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

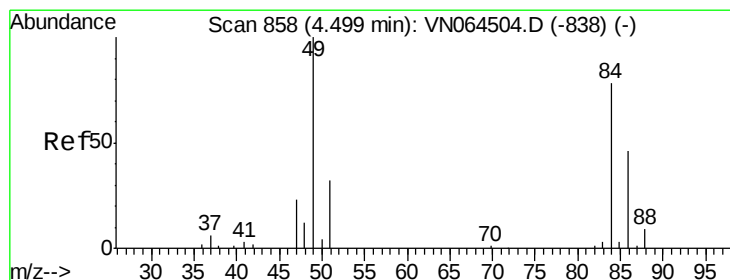
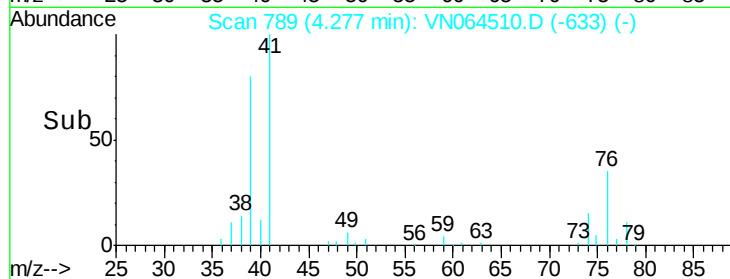
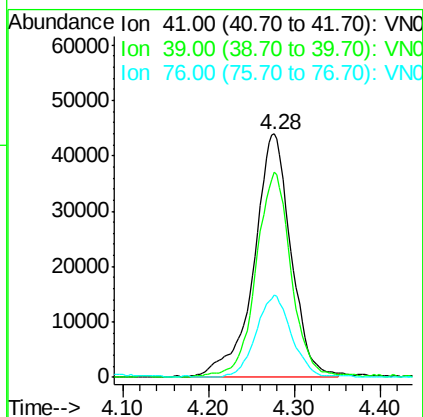
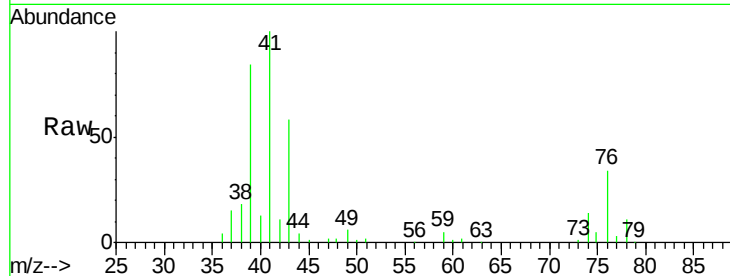




#17
Allvl chloride
Concen: 20.144 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

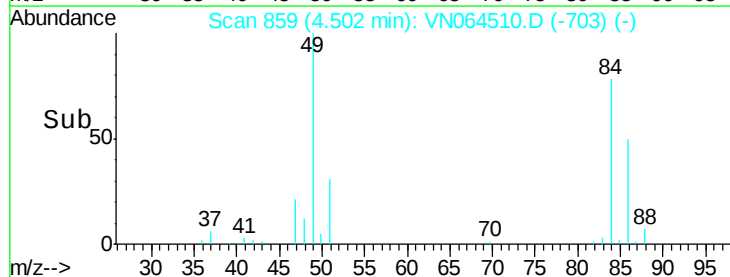
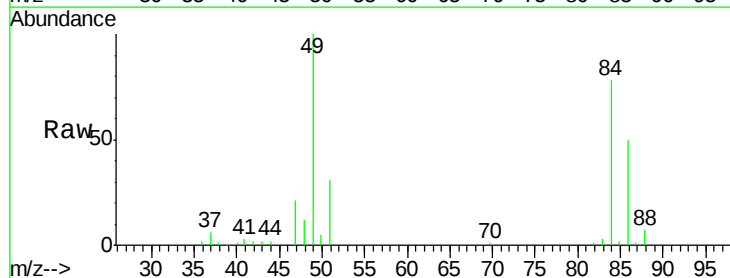
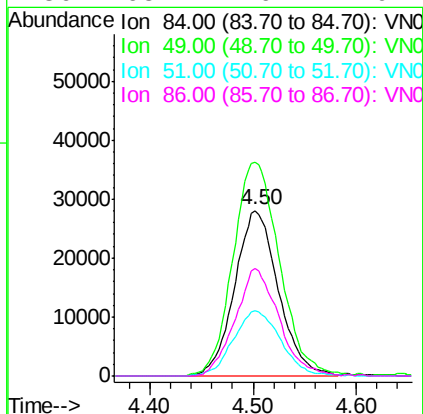
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

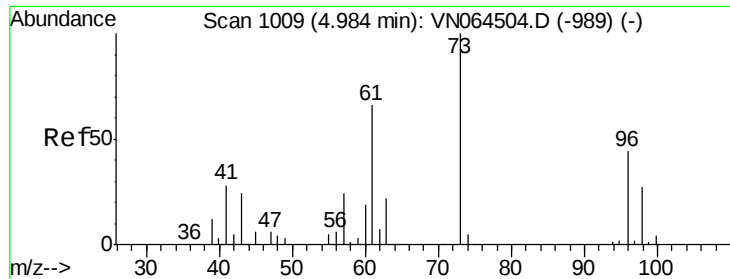
Tot Ion: 41 Resp: 132044
Ion Ratio Lower Upper
41 100
39 84.1 40.3 120.8
76 33.1 16.8 50.3



#18
Methylene Chloride
Concen: 19.983 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 84 Resp: 82786
Ion Ratio Lower Upper
84 100
49 128.3 102.1 153.1
51 39.8 32.6 48.8
86 65.1 46.7 70.1

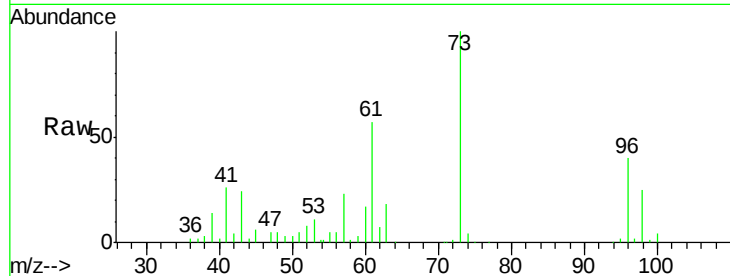




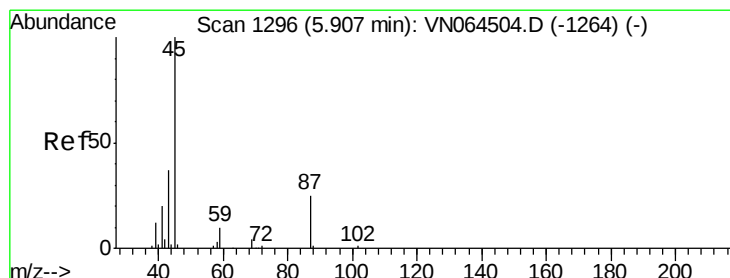
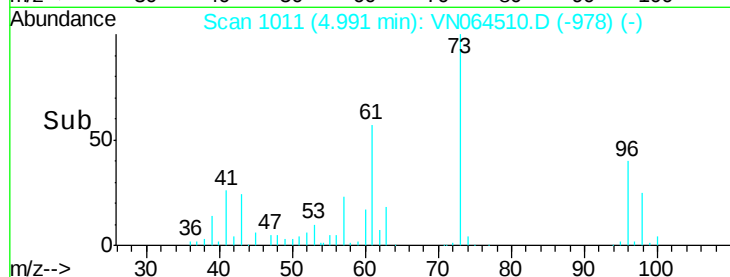
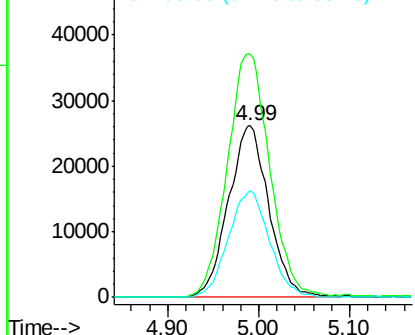
#19
trans-1,2-Dichloroethene
Concen: 20.372 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

Tot Ion: 96 Resp: 80550
Ion Ratio Lower Upper
96 100
61 141.1 120.1 180.1
98 61.9 49.1 73.7

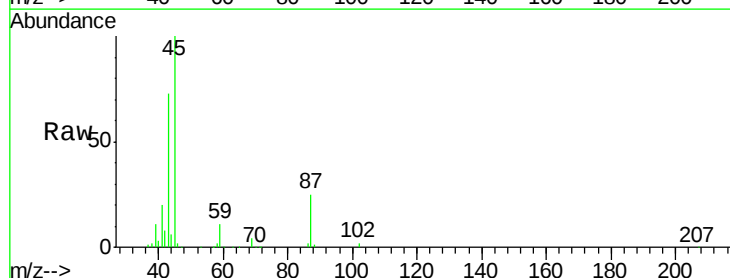


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

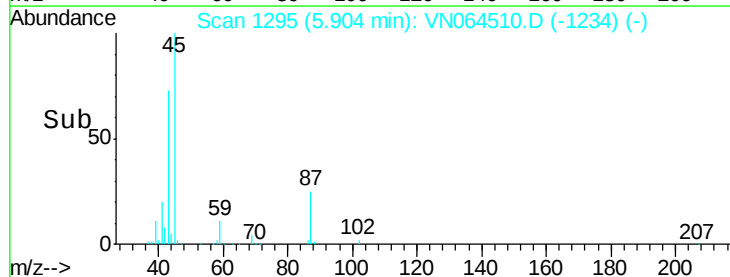
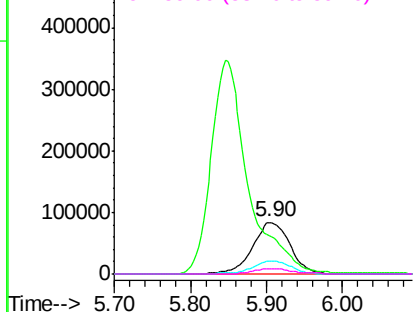


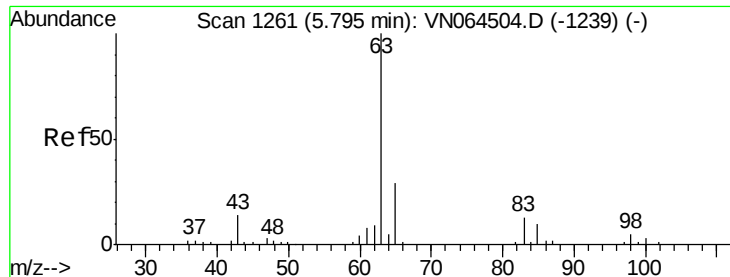
#20
Diisopropyl ether
Concen: 20.118 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 45 Resp: 287131
Ion Ratio Lower Upper
45 100
43 70.9 53.1 79.7
87 24.7 21.0 31.6
59 10.2 8.2 12.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

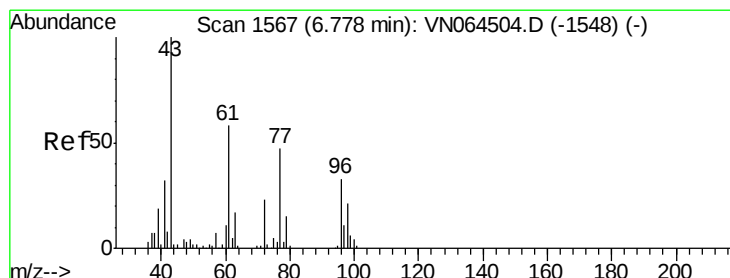
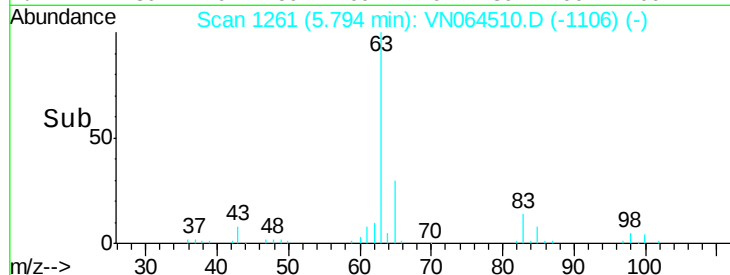
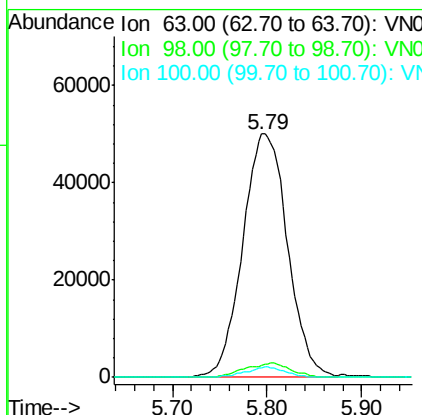
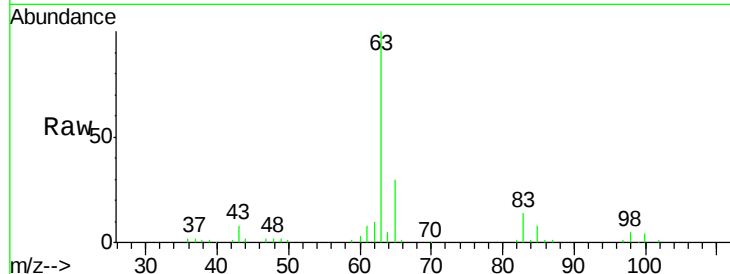




#21
 1,1-Dichloroethane
 Concen: 20.988 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

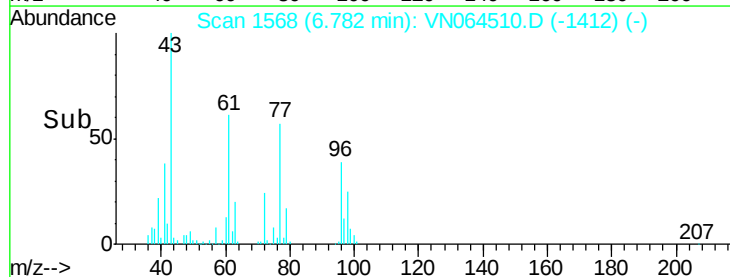
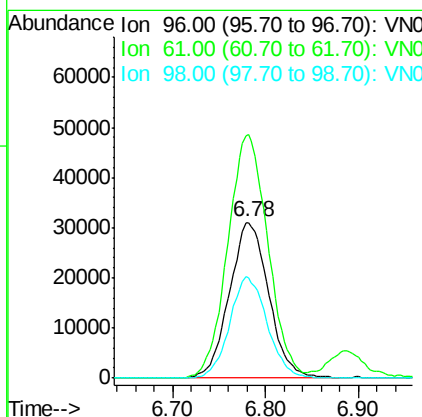
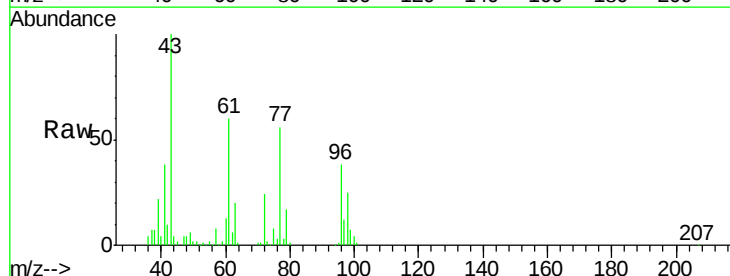
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

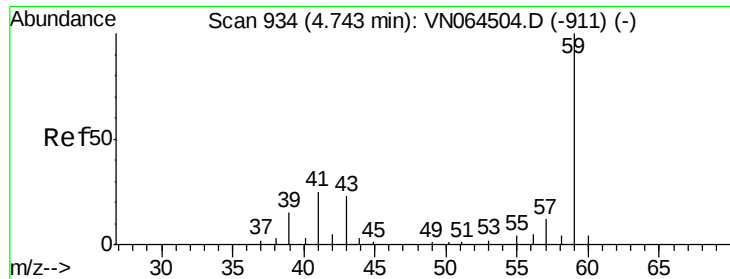
Tot Ion: 63 Resp: 164730
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.6 8.0
 100 3.9 1.7 5.1



#22
 cis-1,2-Dichloroethene
 Concen: 20.364 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 96 Resp: 91257
 Ion Ratio Lower Upper
 96 100
 61 159.2 136.1 204.1
 98 62.2 51.8 77.8



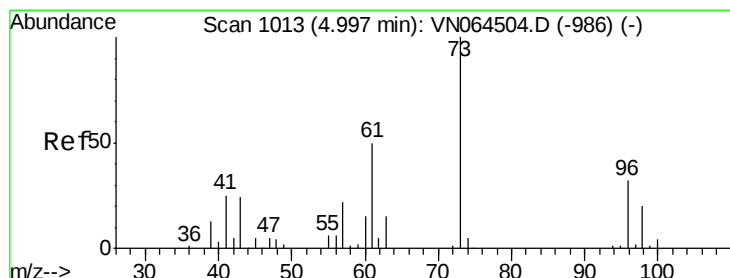
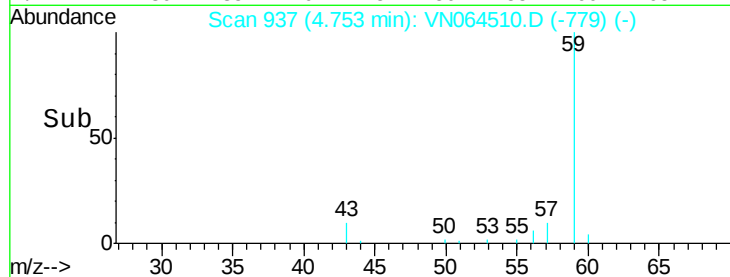
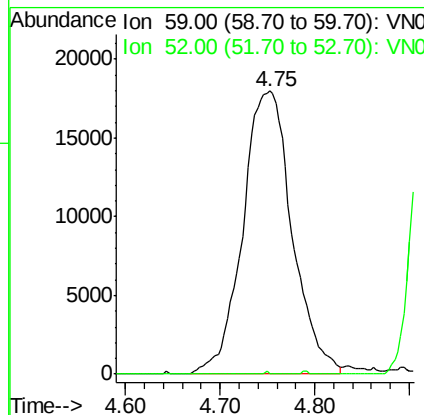
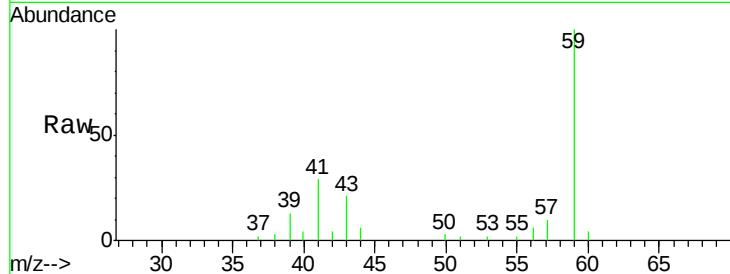


#23

tert-Butyl Alcohol
 Concen: 100.465 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

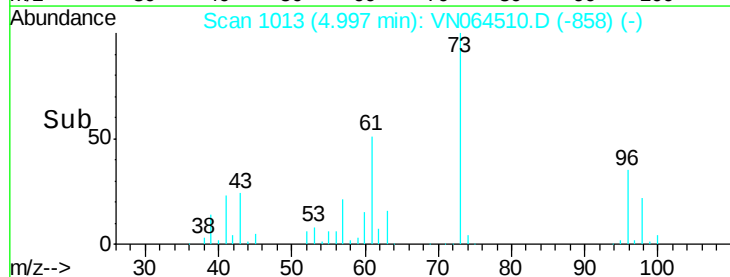
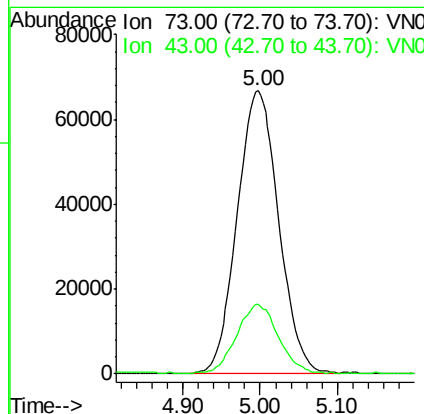
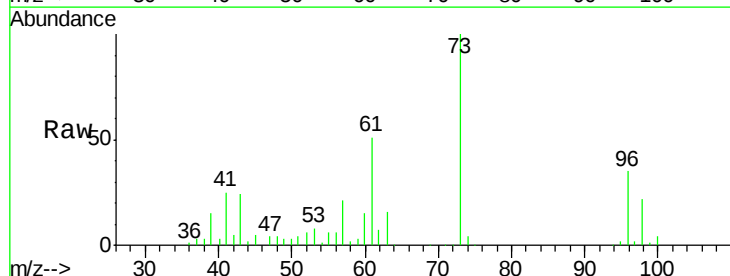
Tot Ion: 59 Resp: 65078
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

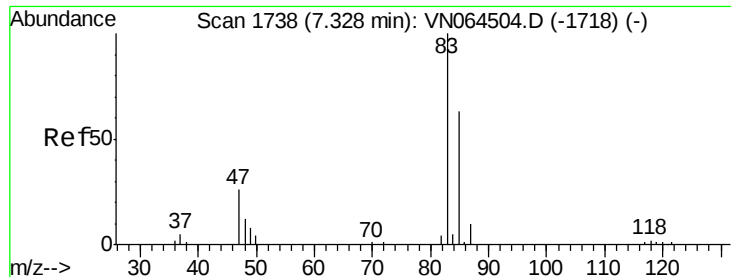


#24

Methyl tert-Butyl Ether
 Concen: 20.186 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 73 Resp: 249090
 Ion Ratio Lower Upper
 73 100
 43 24.3 10.2 15.2#





#25

Chloroform

Concen: 20.841 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

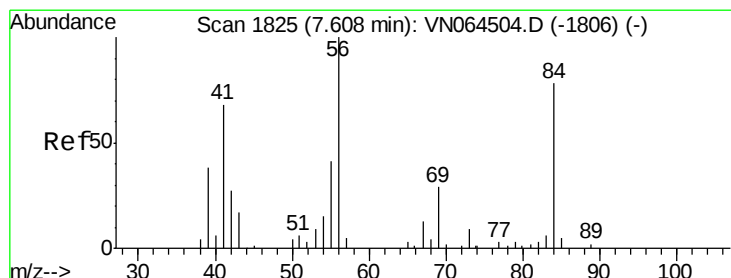
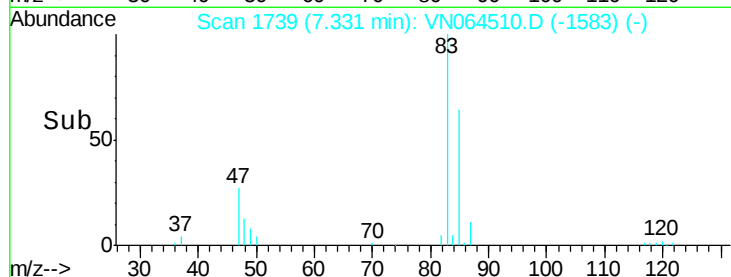
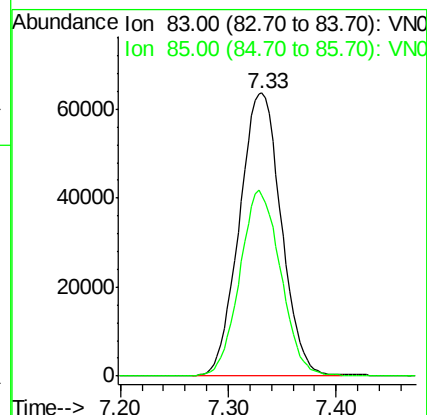
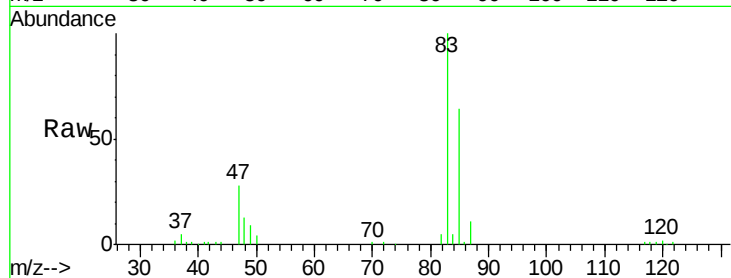
VN1109WBS01

Tot Ion: 83 Resp: 171889

Ion Ratio Lower Upper

83 100

85 64.2 50.6 75.8



#26

Cyclohexane

Concen: 19.896 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

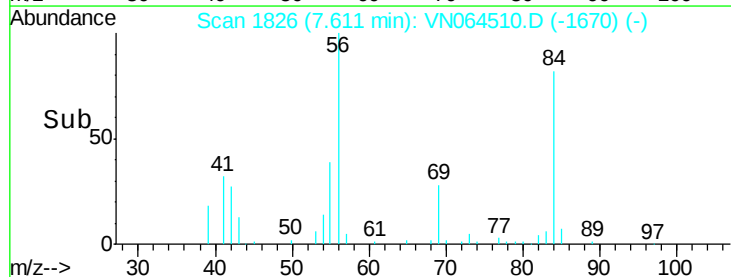
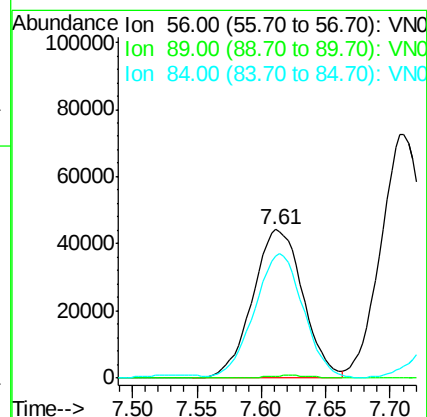
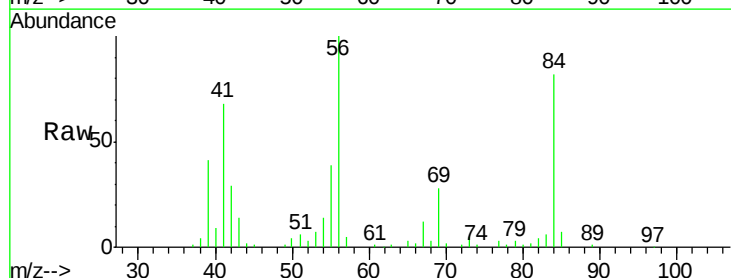
Tgt Ion: 56 Resp: 120562

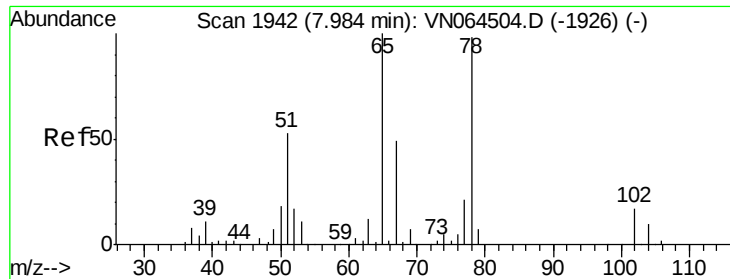
Ion Ratio Lower Upper

56 100

89 1.5 0.6 0.8#

84 81.6 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 30.693 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

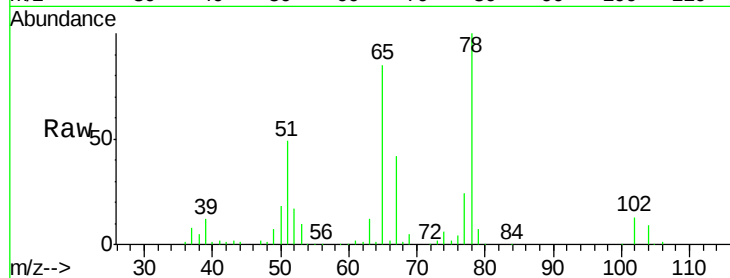
VN1109WBS01

Tot Ion: 65 Resp: 175596

Ion Ratio Lower Upper

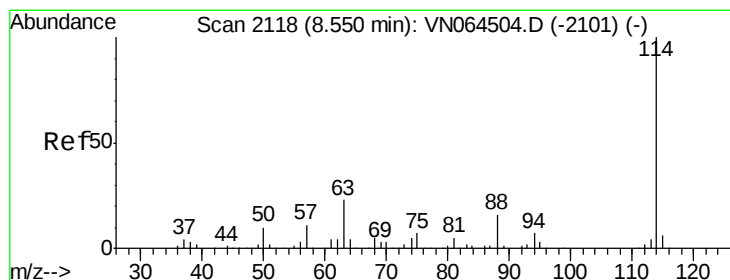
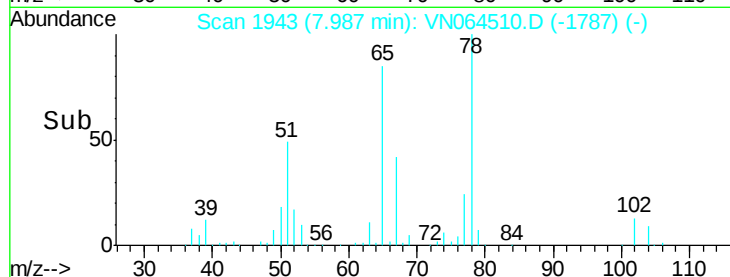
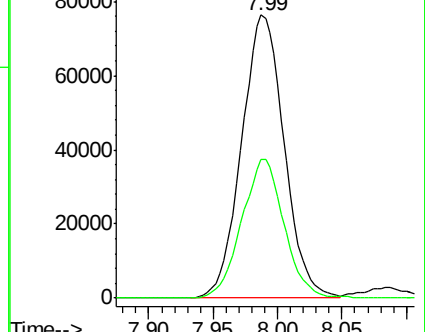
65 100

67 48.9 41.1 61.7



Abundance Ion 65.00 (64.70 to 65.70): VN064510.D (-1787) (-)

Ion 67.00 (66.70 to 67.70): VN064510.D (-1787) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

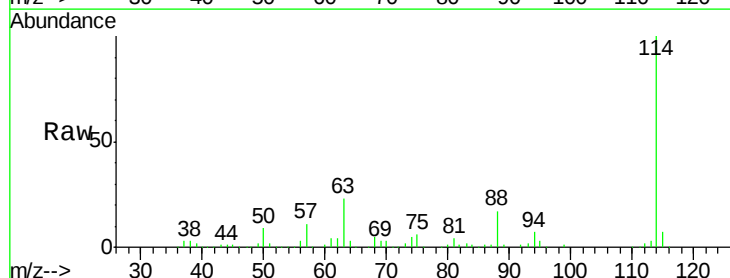
Tgt Ion: 114 Resp: 352146

Ion Ratio Lower Upper

114 100

63 22.3 18.5 27.7

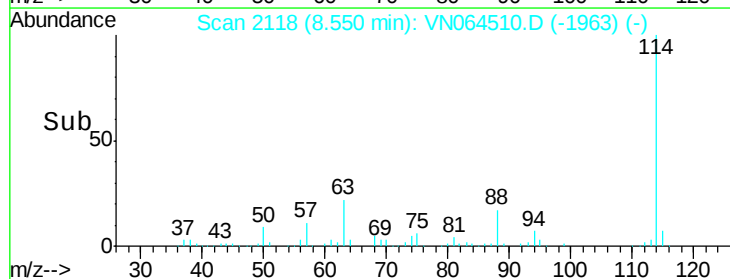
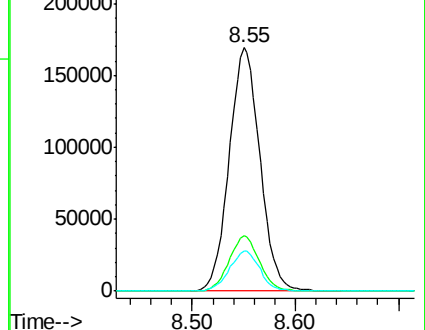
88 16.3 13.0 19.6

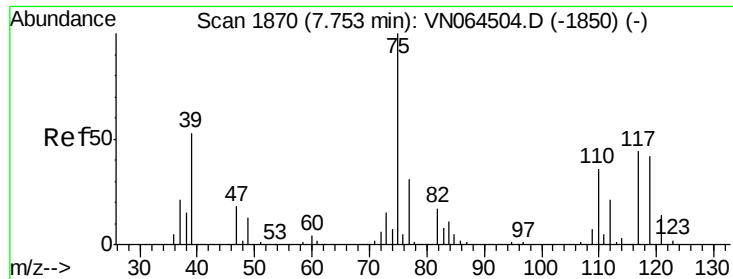


Abundance Ion 114.00 (113.70 to 114.70): VN064510.D (-1963) (-)

Ion 63.00 (62.70 to 63.70): VN064510.D (-1963) (-)

Ion 88.00 (87.70 to 88.70): VN064510.D (-1963) (-)

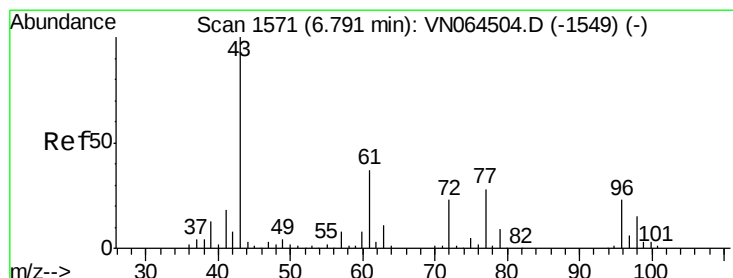
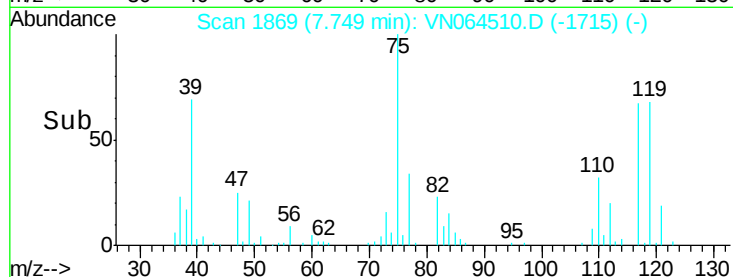
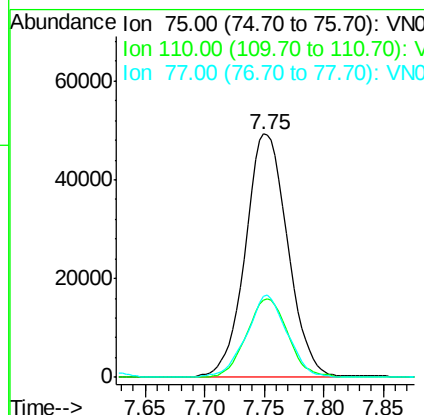
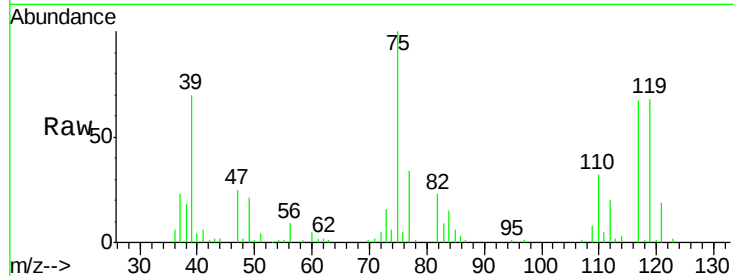




#29
 1,1-Dichloropropene
 Concen: 19.927 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

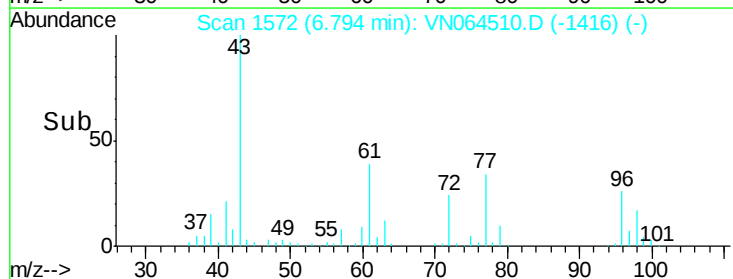
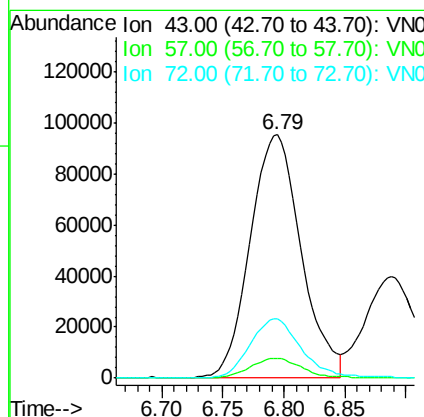
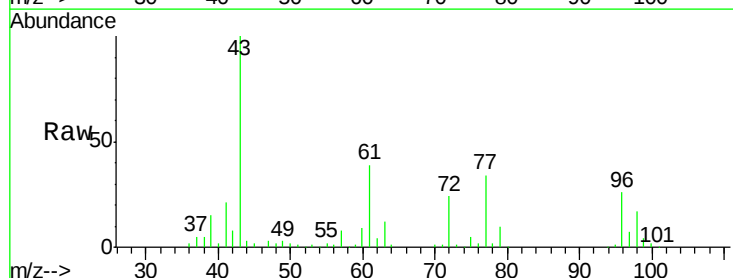
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

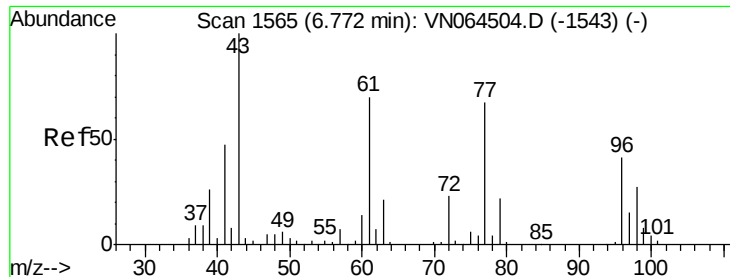
Tot Ion: 75 Resp: 121780
 Ion Ratio Lower Upper
 75 100
 110 31.6 0.0 66.4
 77 32.2 0.0 62.0



#30
 2-Butanone
 Concen: 91.159 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 275767
 Ion Ratio Lower Upper
 43 100
 57 3.9 6.2 9.4#
 72 24.8 9.9 14.9#

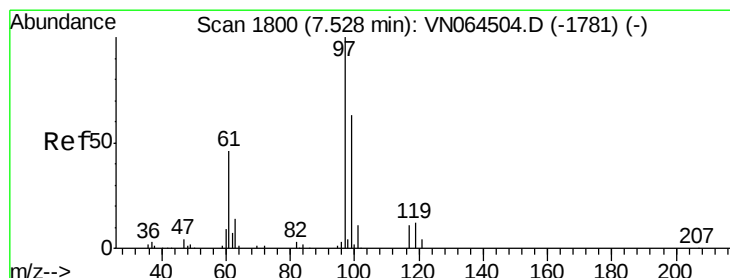
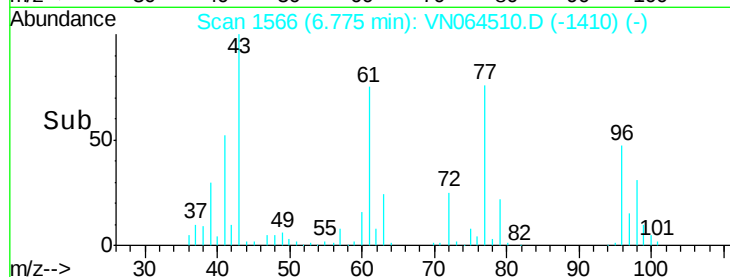
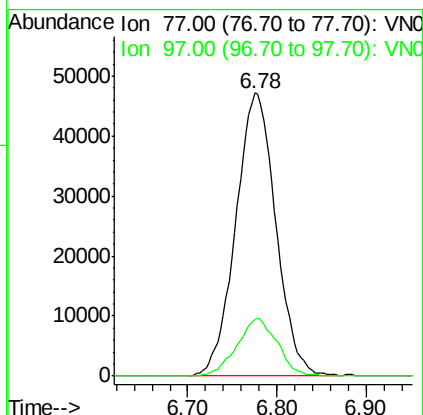
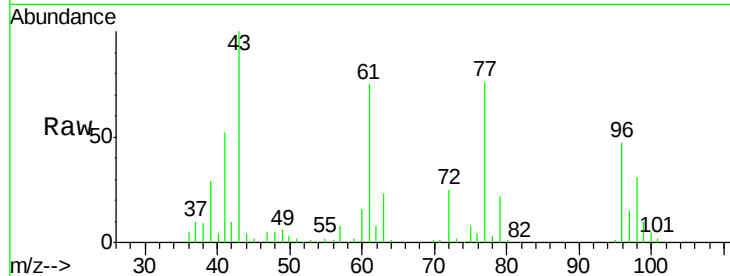




#31
 2,2-Dichloropropane
 Concen: 20.342 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

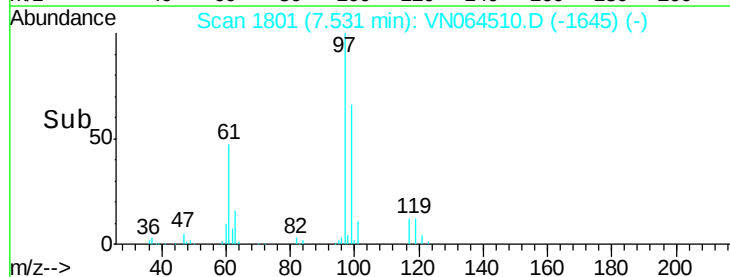
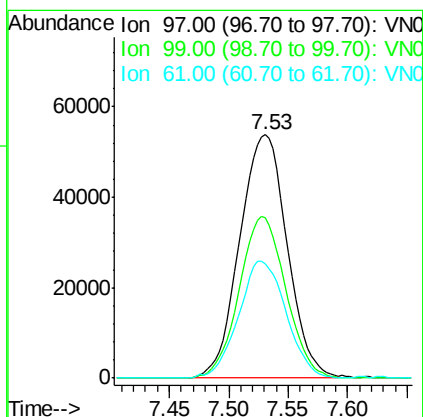
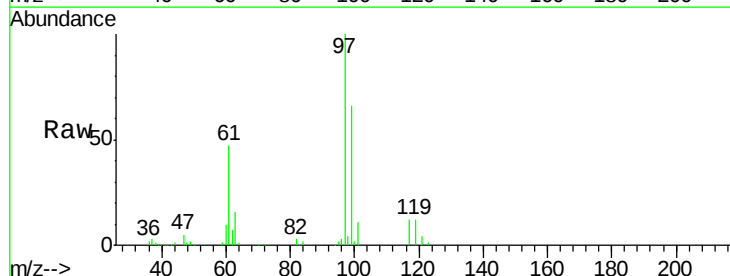
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

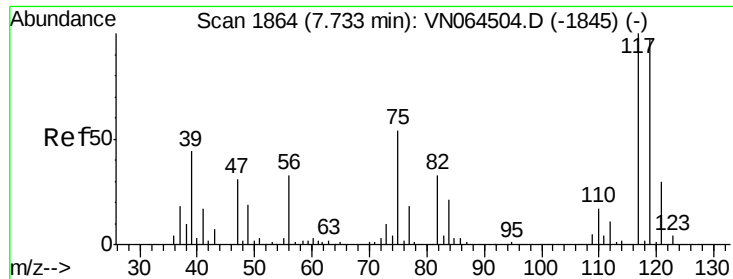
Tot Ion: 77 Resp: 147663
 Ion Ratio Lower Upper
 77 100
 97 20.3 16.9 25.3



#32
 1,1,1-Trichloroethane
 Concen: 19.887 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 97 Resp: 149069
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.8
 61 48.0 39.4 59.0





#33

Carbon Tetrachloride

Concen: 19.834 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

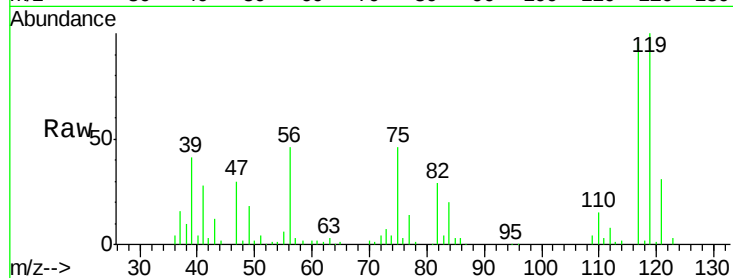
Tot Ion:117 Resp: 132772

Ion Ratio Lower Upper

117 100

119 103.8 77.9 116.9

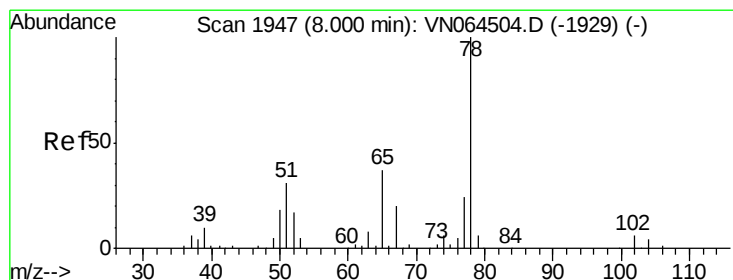
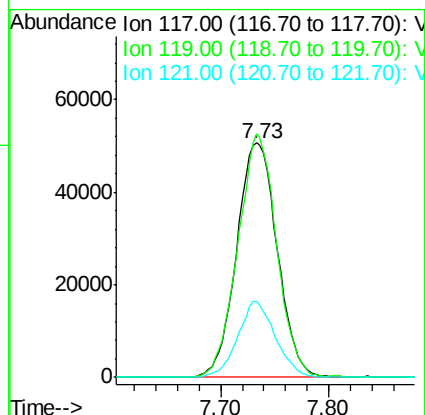
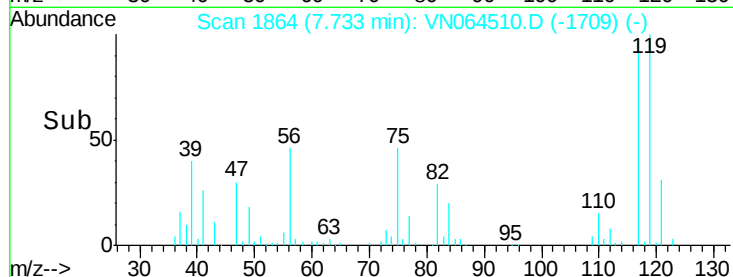
121 32.6 24.0 36.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.827 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

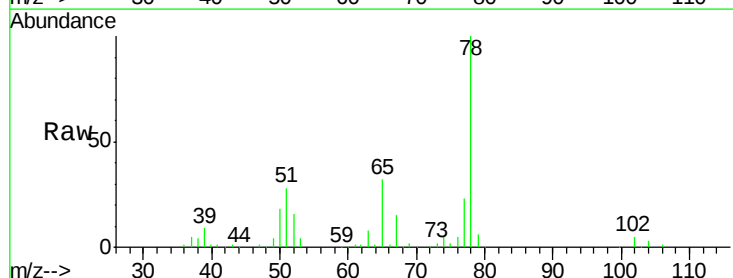
Tgt Ion: 78 Resp: 350836

Ion Ratio Lower Upper

78 100

77 22.8 18.9 28.3

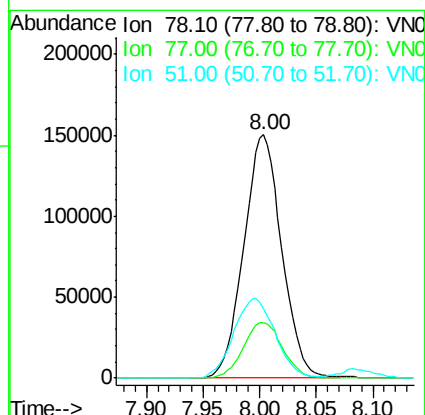
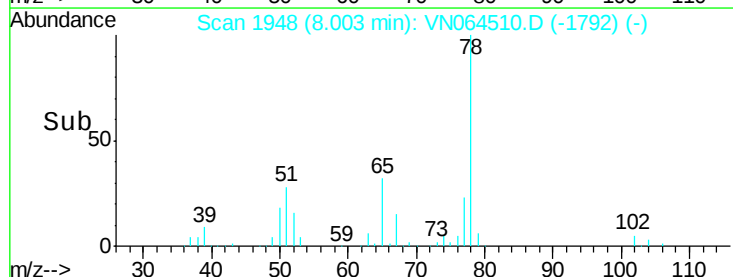
51 28.2 24.6 36.8

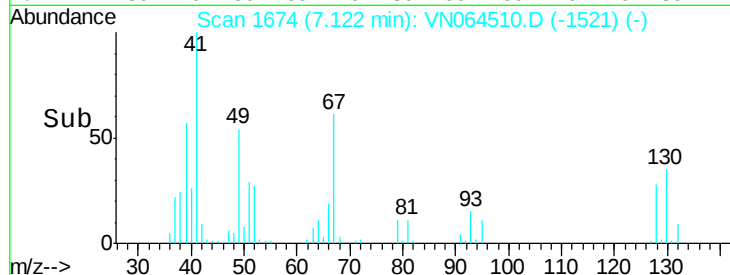
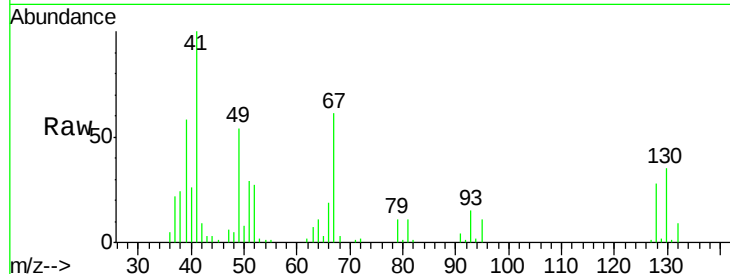
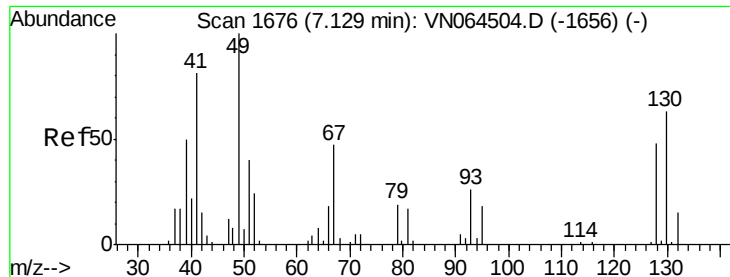


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

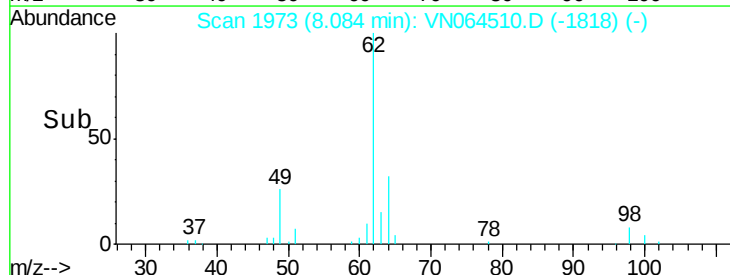
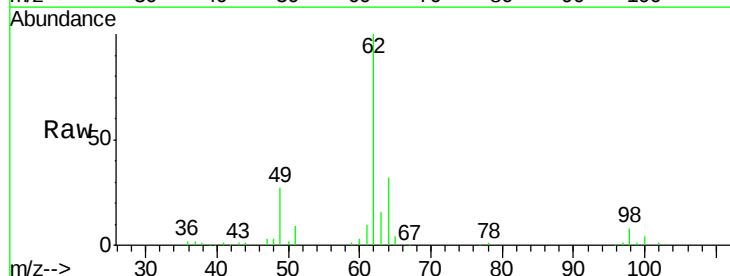
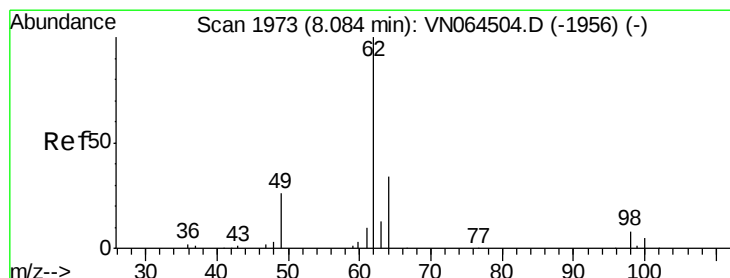
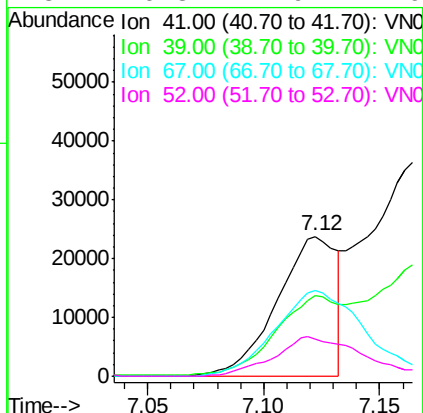




#35
Methacrylonitrile
Concen: 14.955 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

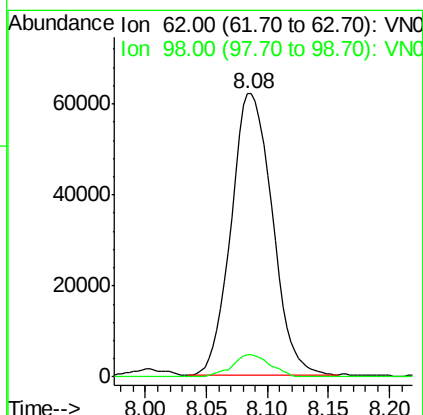
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

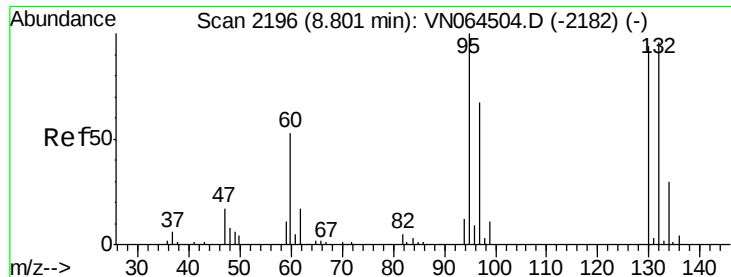
Tot Ion: 41 Resp: 42322
Ion Ratio Lower Upper
41 100
39 56.3 30.0 90.1
67 61.5 29.2 87.6
52 26.8 14.9 44.9



#36
1,2-Dichloroethane
Concen: 19.963 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 62 Resp: 144960
Ion Ratio Lower Upper
62 100
98 7.3 5.5 8.3

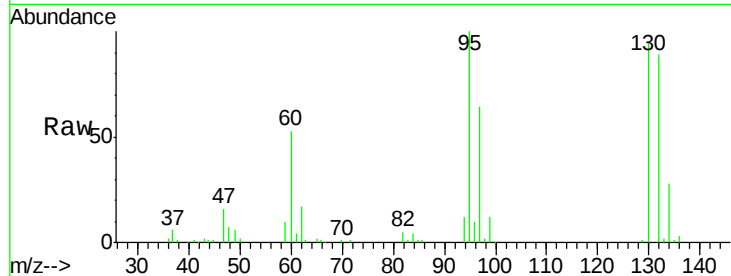




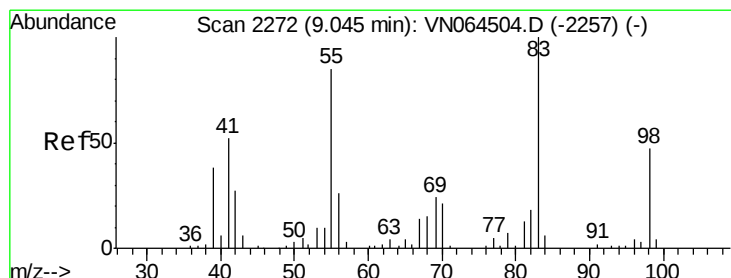
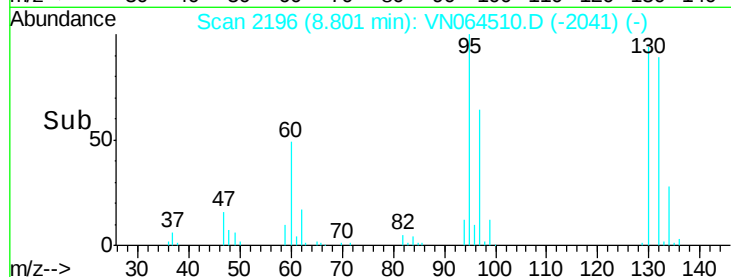
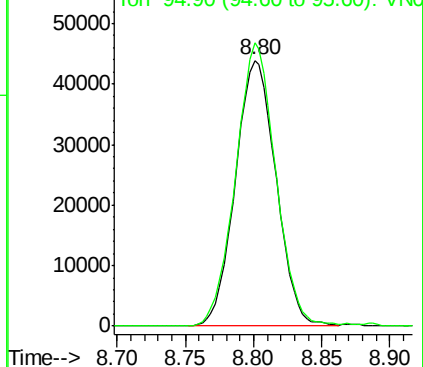
#37
 Trichloroethene
 Concen: 20.301 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Instrument :
 MSVOA_N
 ClientSampled :
 VN1109WBS01

Tot Ion:130 Resp: 90824
 Ion Ratio Lower Upper
 130 100
 95 106.6 85.1 127.7

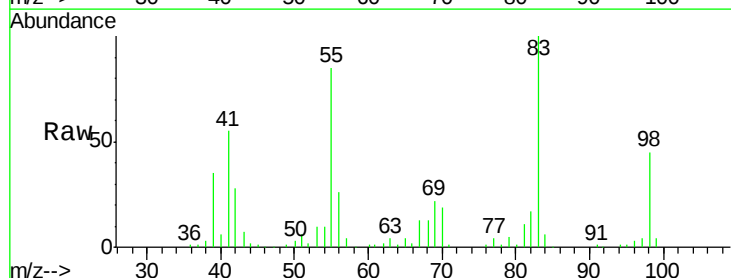


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

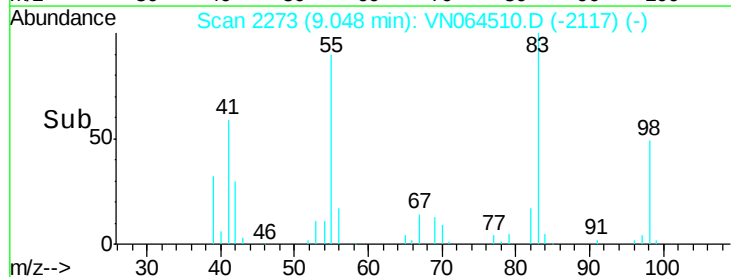
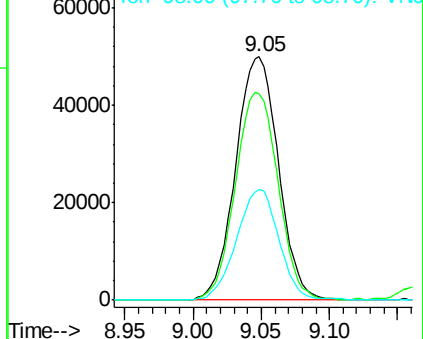


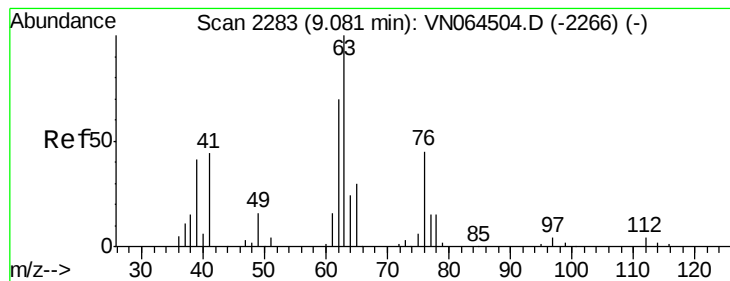
#38
 Methylcyclohexane
 Concen: 19.659 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 83 Resp: 108665
 Ion Ratio Lower Upper
 83 100
 55 85.6 42.0 126.1
 98 45.1 22.5 67.5



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





#39

1,2-Dichloropropane

Concen: 20.118 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampled :

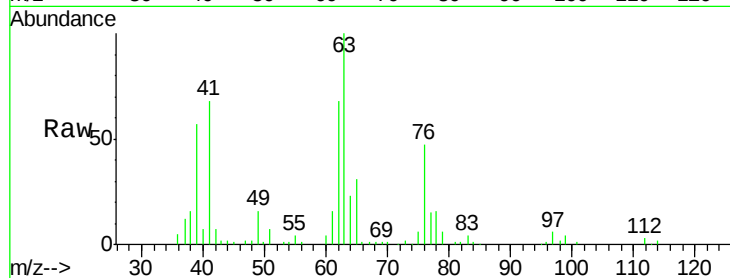
VN1109WBS01

Tot Ion: 63 Resp: 95652

Ion Ratio Lower Upper

63 100

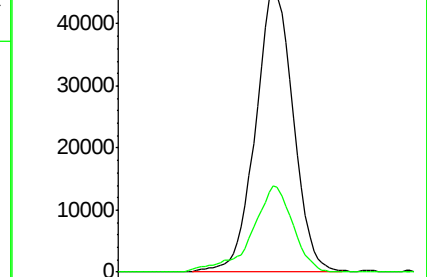
65 30.5 24.4 36.6



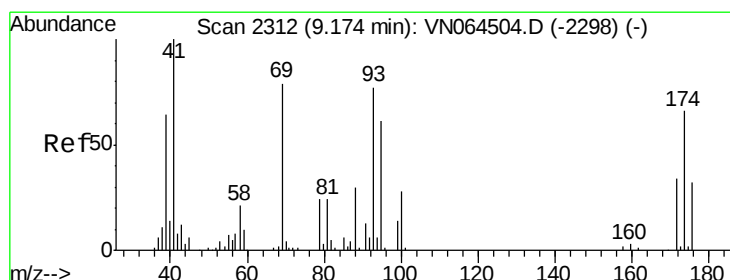
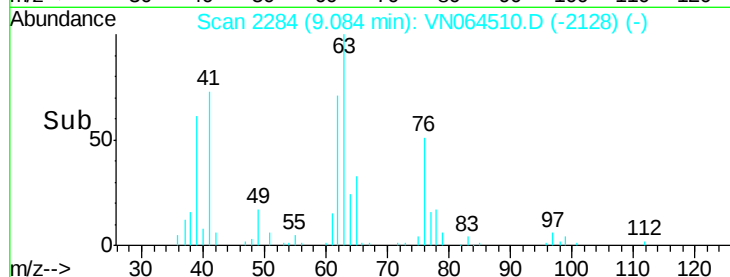
Abundance Ion 63.00 (62.70 to 63.70): VN064510.D (-2128) (-)

Ion 65.00 (64.70 to 65.70): VN064510.D (-2128) (-)

9.08



Time-->



#40

Dibromomethane

Concen: 20.139 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

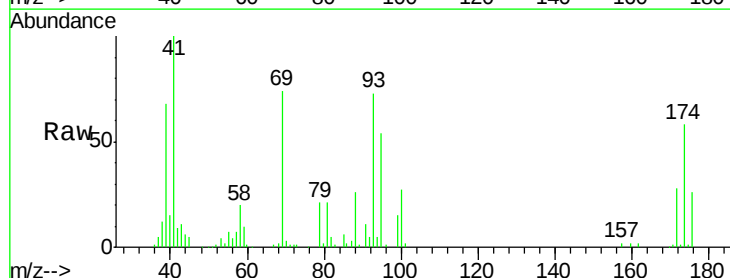
Tgt Ion: 93 Resp: 64595

Ion Ratio Lower Upper

93 100

95 79.6 0.0 164.6

174 82.8 0.0 165.6

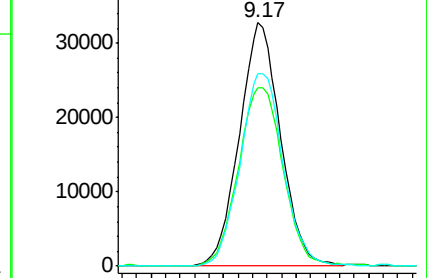


Abundance Ion 93.00 (92.70 to 93.70): VN064510.D (-2157) (-)

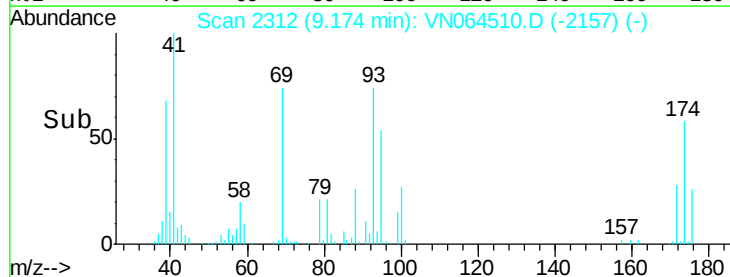
Ion 95.00 (94.70 to 95.70): VN064510.D (-2157) (-)

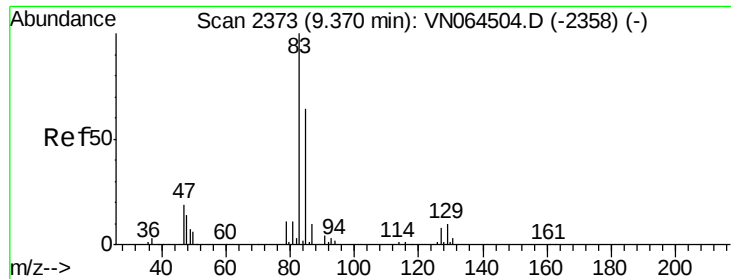
Ion 174.00 (173.70 to 174.70): VN064510.D (-2157) (-)

9.17



Time-->

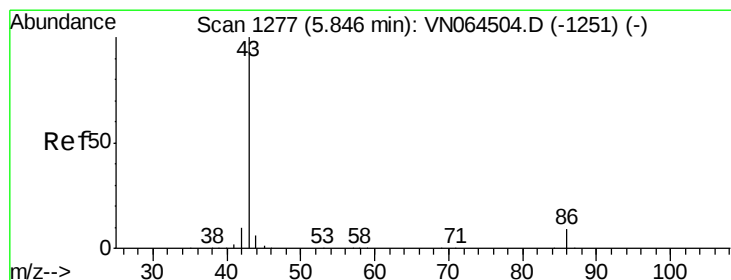
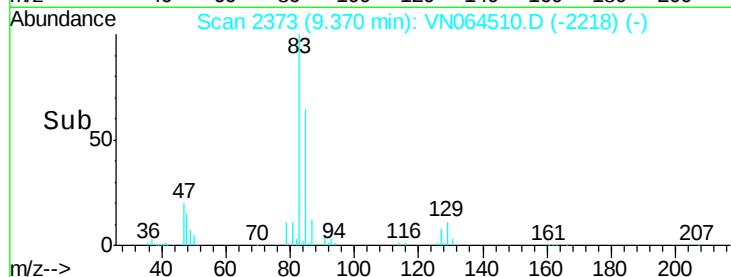
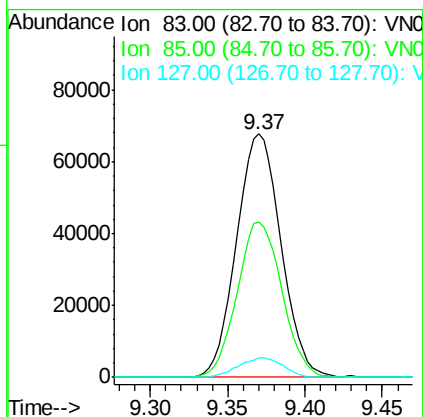
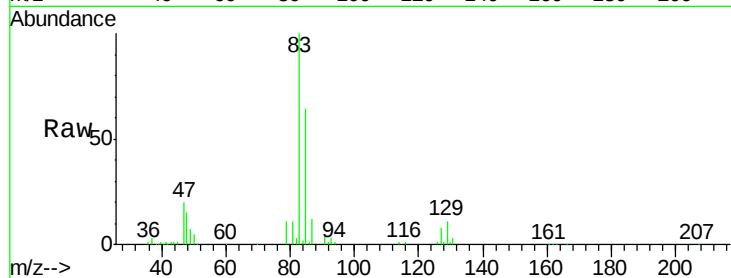




#41
Bromodichloromethane
Concen: 19.506 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

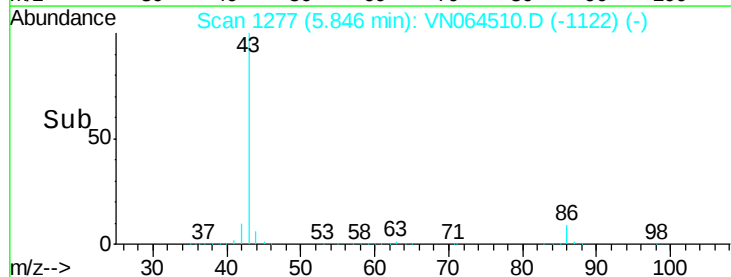
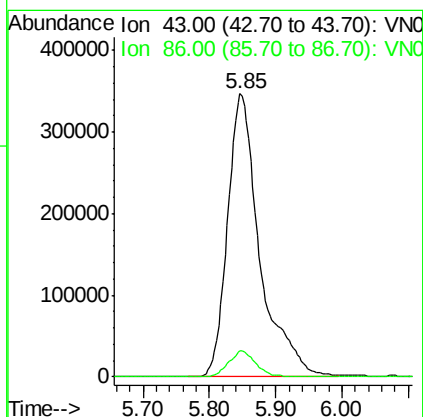
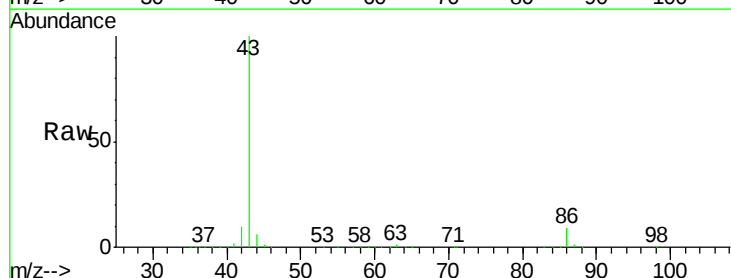
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

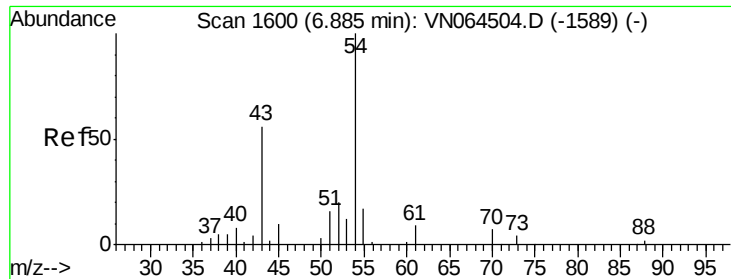
Tot Ion: 83 Resp: 135599
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.4
127 7.8 6.2 9.4



#42
Vinyl Acetate
Concen: 96.777 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 1172019
Ion Ratio Lower Upper
43 100
86 7.8 6.3 9.5

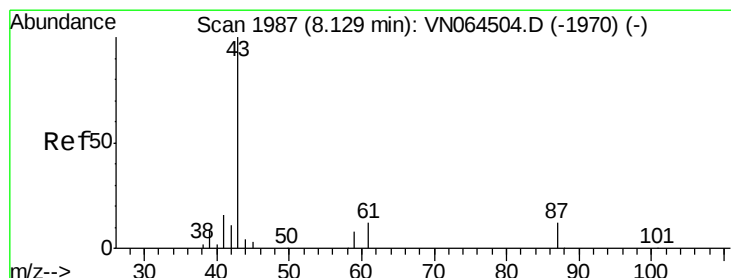
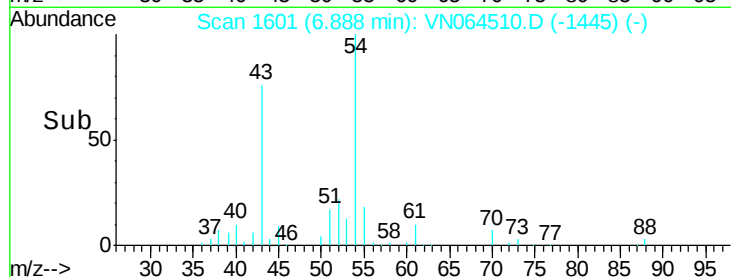
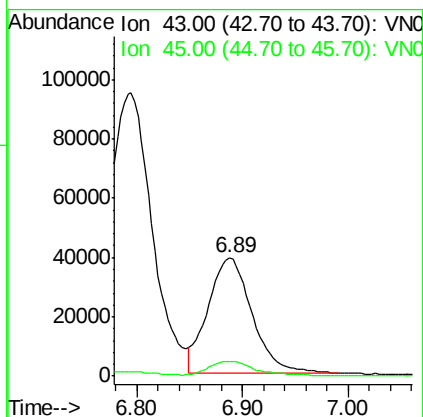
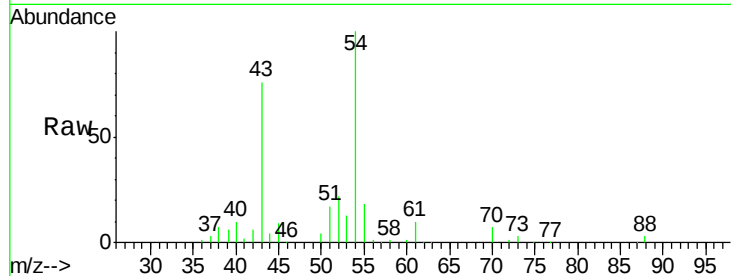




#43
Ethyl Acetate
Concen: 19.306 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

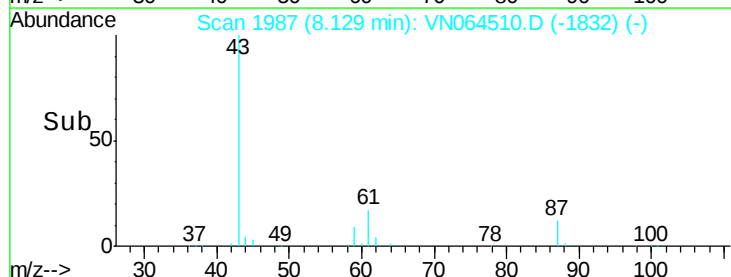
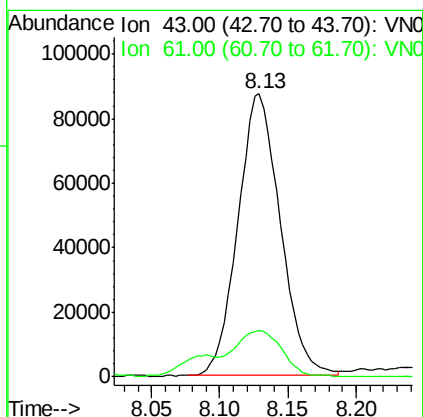
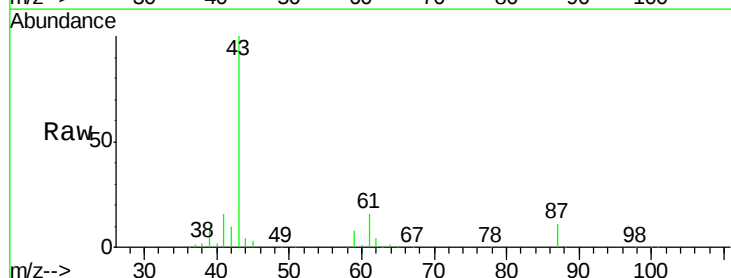
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

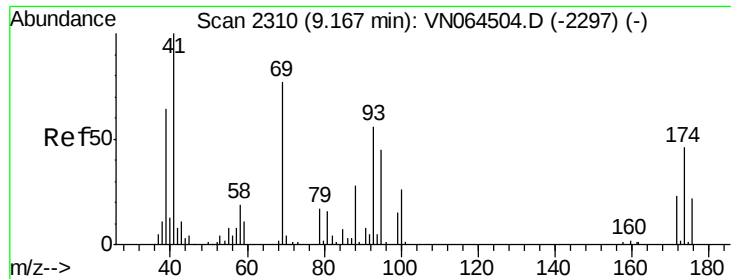
Tot Ion: 43 Resp: 113640
Ion Ratio Lower Upper
43 100
45 11.5 10.9 16.3



#44
Isopropyl Acetate
Concen: 18.536 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 188344
Ion Ratio Lower Upper
43 100
61 17.3 13.0 19.4

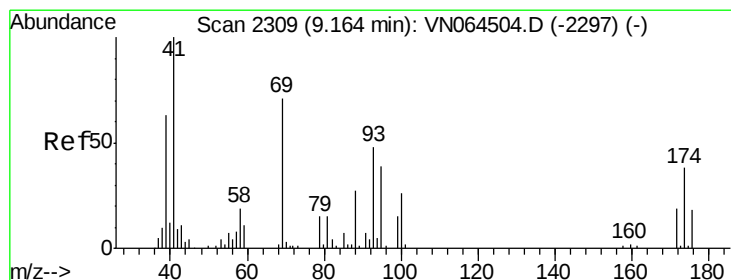
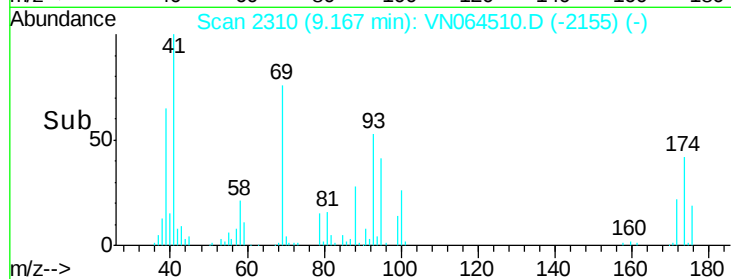
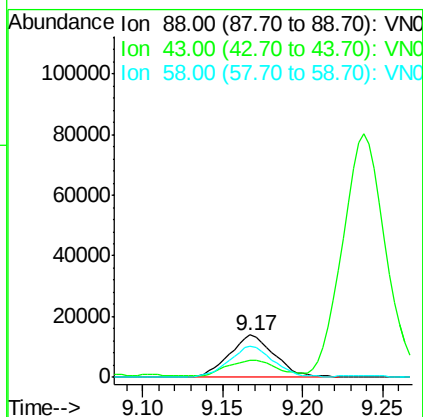
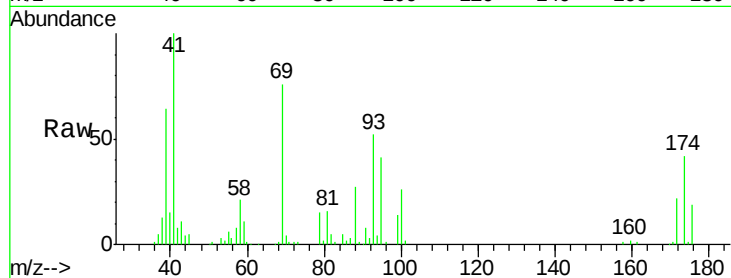




#45
 1,4-Dioxane
 Concen: 380.433 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

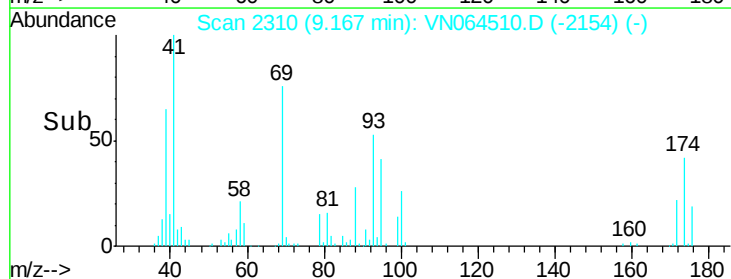
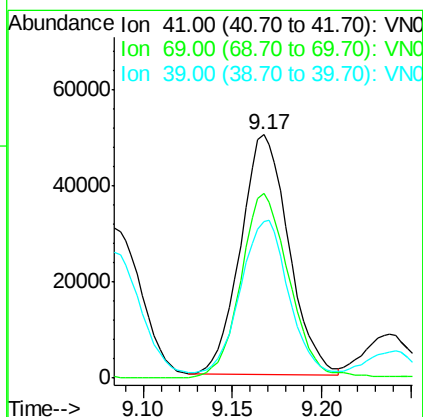
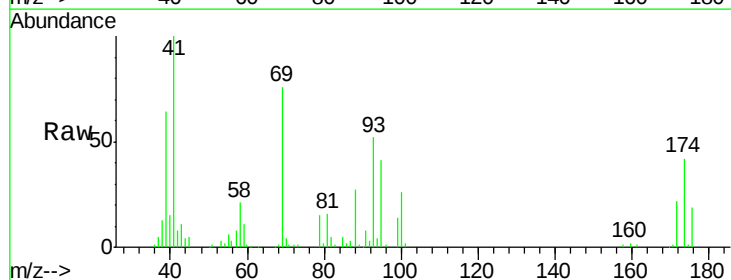
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

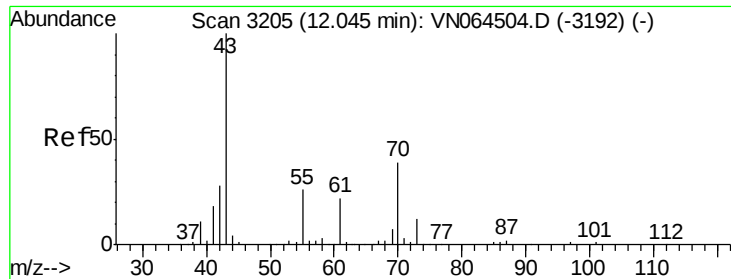
Tot Ion: 88 Resp: 27098
 Ion Ratio Lower Upper
 88 100
 43 37.3 30.6 46.0
 58 72.1 57.9 86.9



#46
 Methyl methacrylate
 Concen: 18.582 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 41 Resp: 93902
 Ion Ratio Lower Upper
 41 100
 69 77.0 35.4 106.2
 39 63.4 31.6 94.7

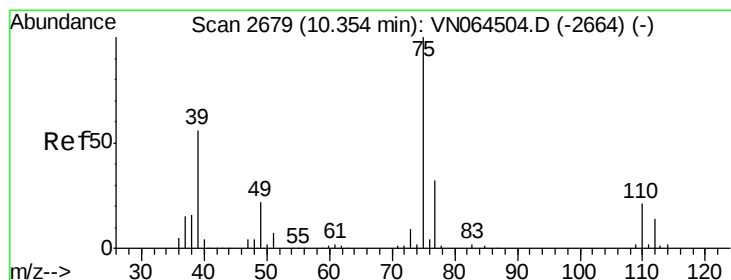
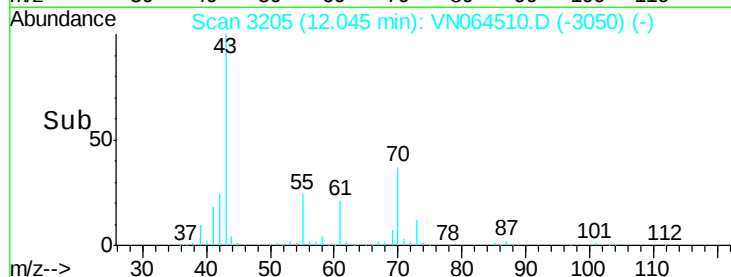
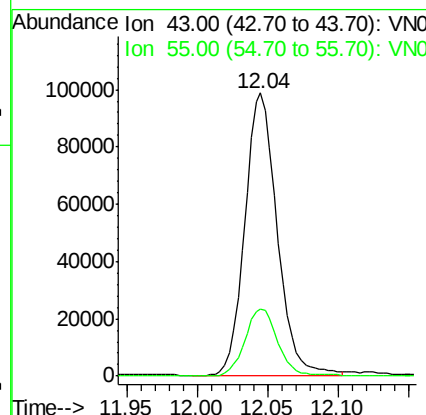
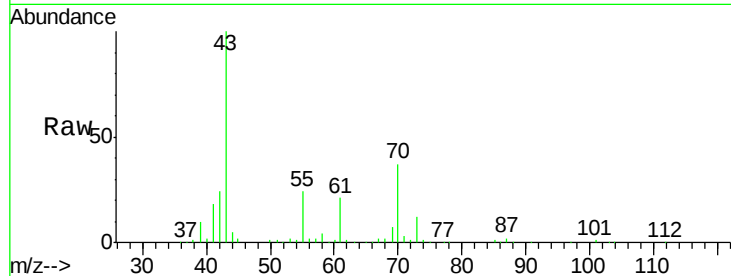




#47
n-amvl Acetate
Concen: 18.035 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

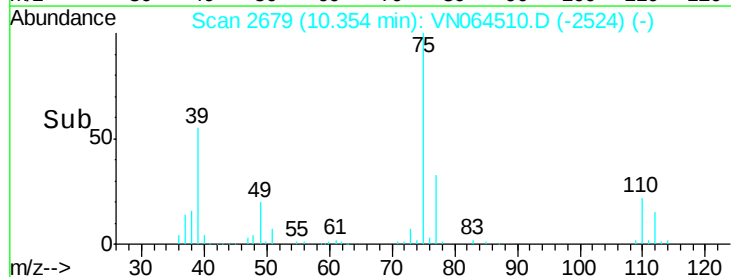
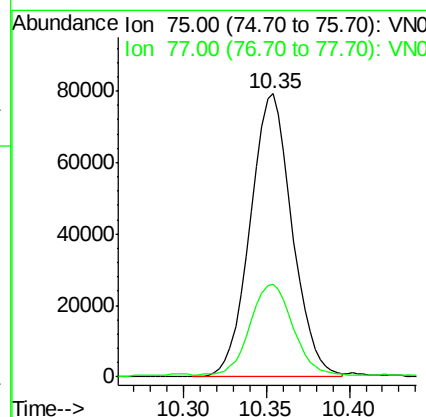
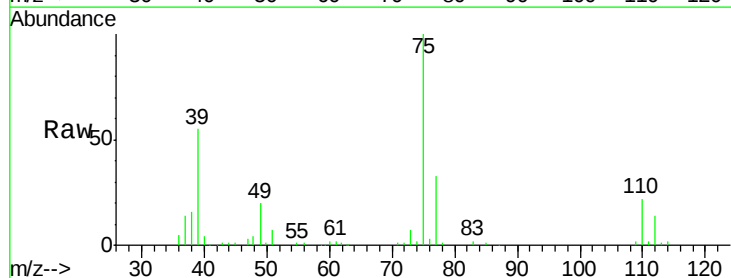
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

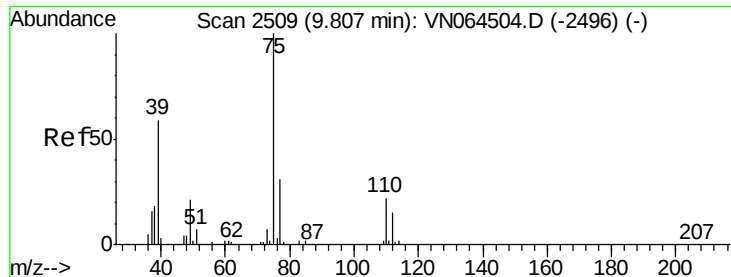
Tot Ion: 43 Resp: 158529
Ion Ratio Lower Upper
43 100
55 24.4 19.2 28.8



#48
t-1,3-Dichloropropene
Concen: 18.955 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 75 Resp: 139639
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6



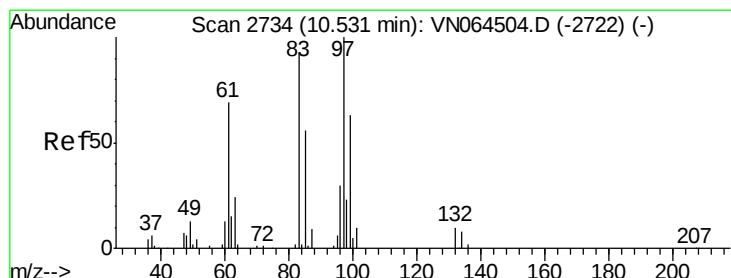
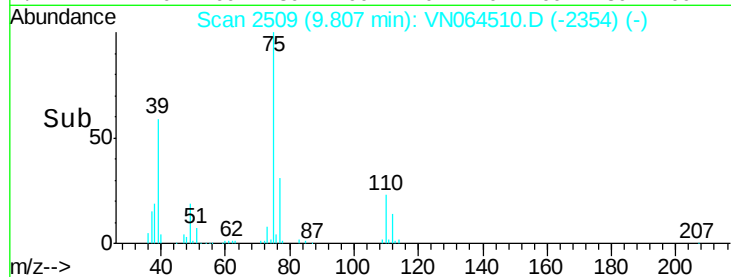
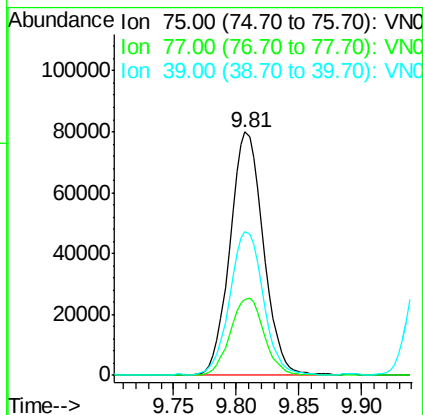
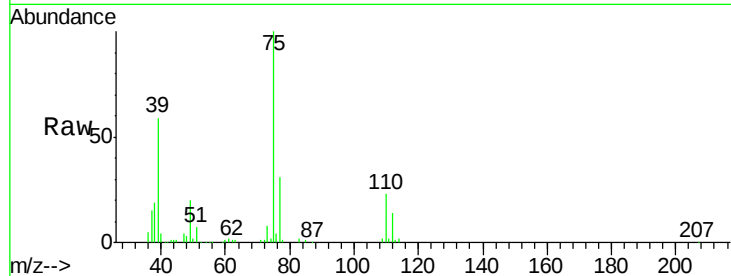


#49

cis-1,3-Dichloropropene
 Concen: 19.164 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

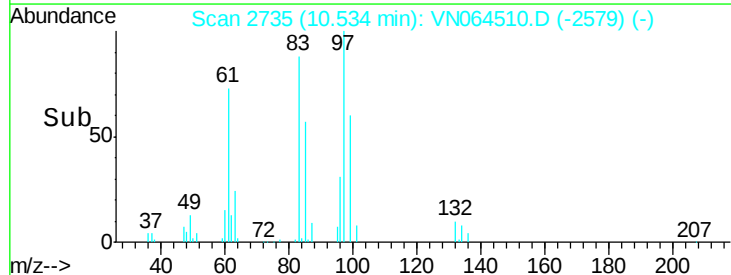
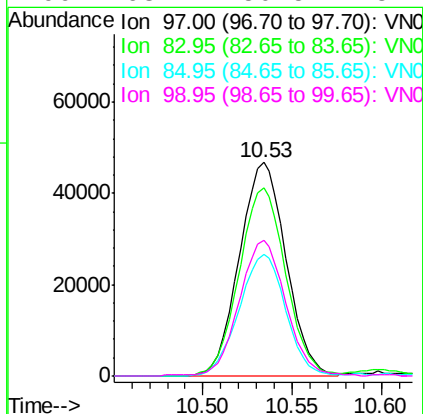
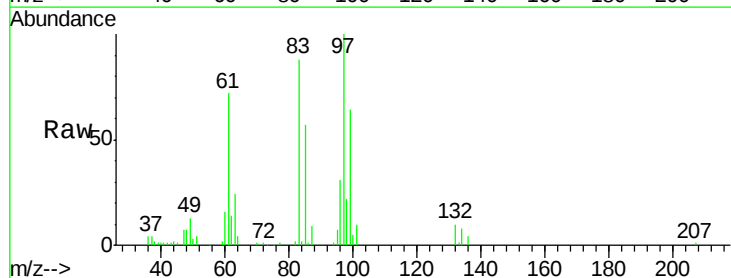
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	59.0	47.4	71.0

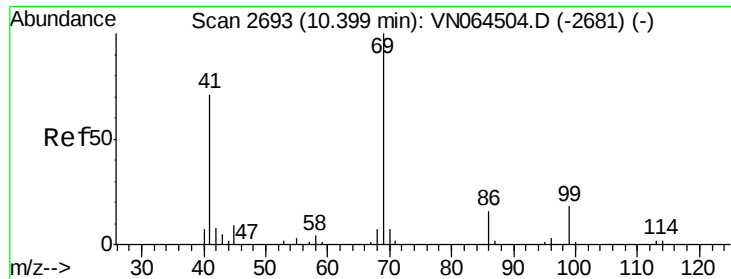


#50

1,1,2-Trichloroethane
 Concen: 19.470 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	74.2	111.4
85	57.0	44.8	67.2
99	63.4	50.5	75.7

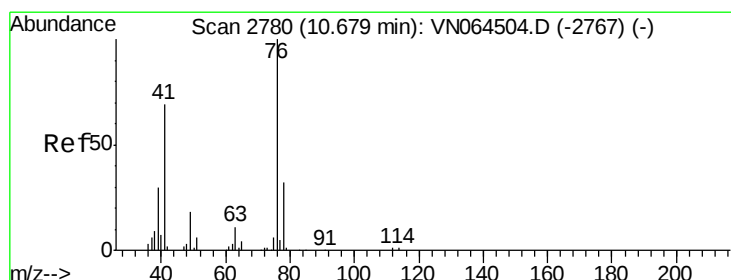
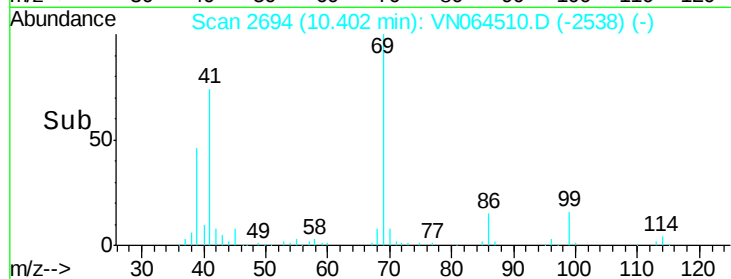
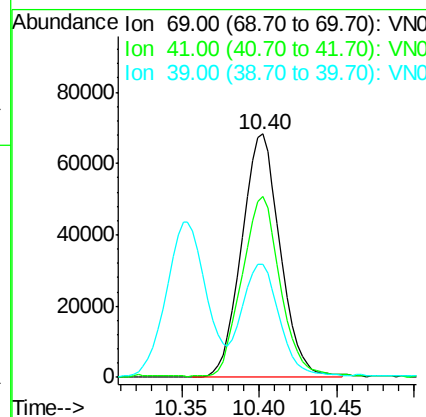
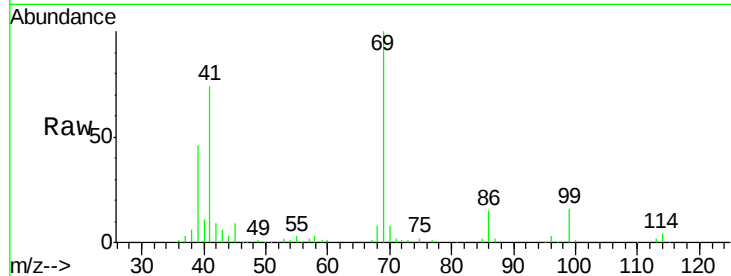




#51
Ethyl methacrylate
Concen: 18.799 ug/l
RT: 10.40 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

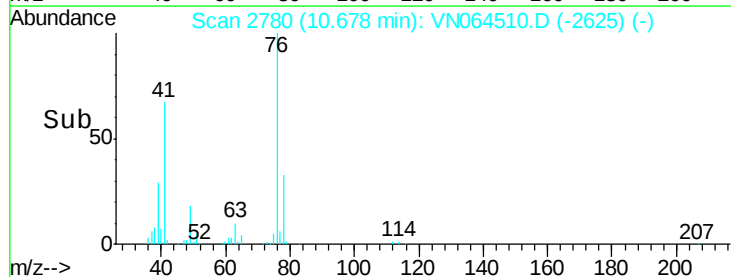
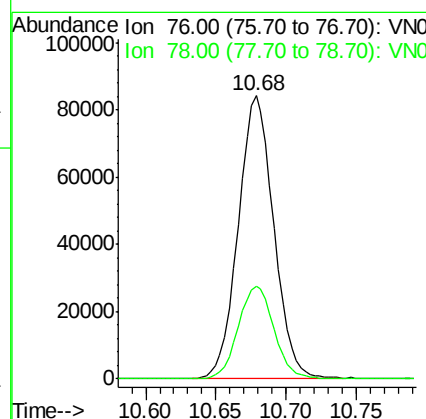
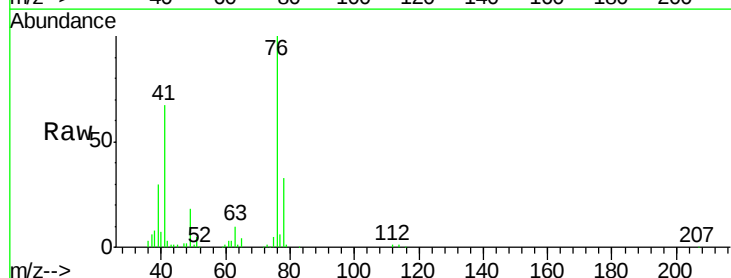
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

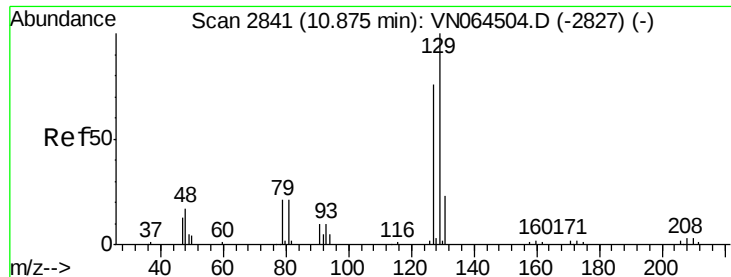
Tot Ion: 69 Resp: 118462
Ion Ratio Lower Upper
69 100
41 73.7 35.4 106.1
39 45.5 24.1 72.2



#52
1,3-Dichloropropane
Concen: 19.683 ug/l
RT: 10.68 min Scan# 2780
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 76 Resp: 148696
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.2





#53

Dibromochloromethane

Concen: 19.479 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

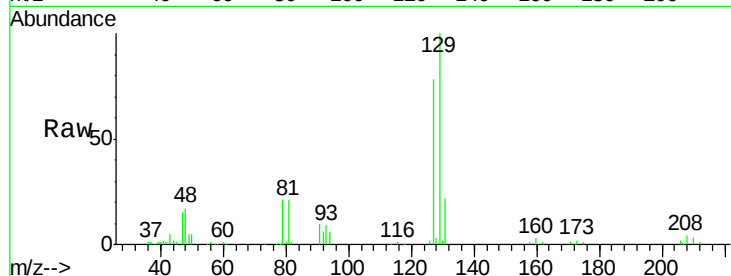
VN1109WBS01

Tot Ion:129 Resp: 98096

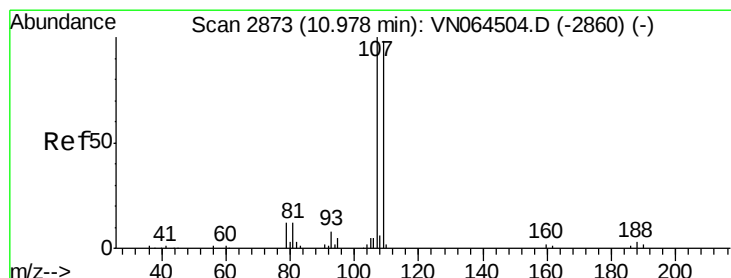
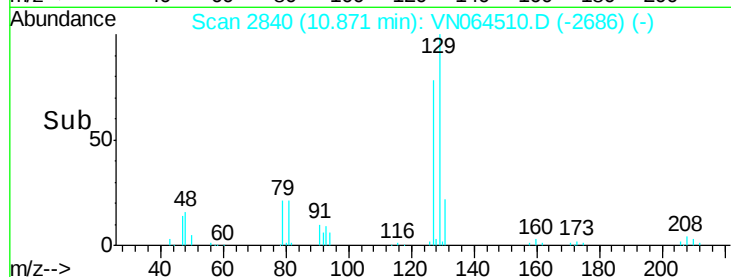
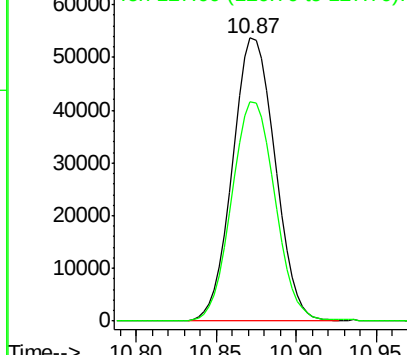
Ion Ratio Lower Upper

129 100

127 78.5 39.1 117.2



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



#54

1,2-Dibromoethane

Concen: 19.417 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064510.D

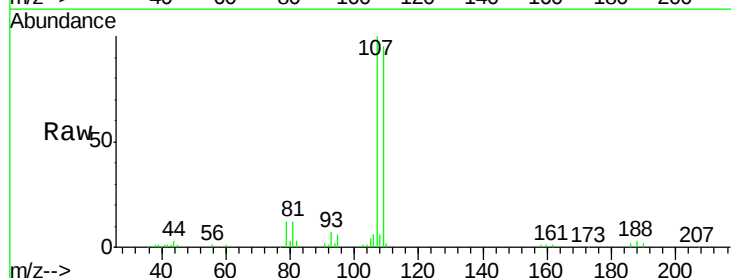
Acq: 9 Nov 2020 16:43

Tgt Ion:107 Resp: 87336

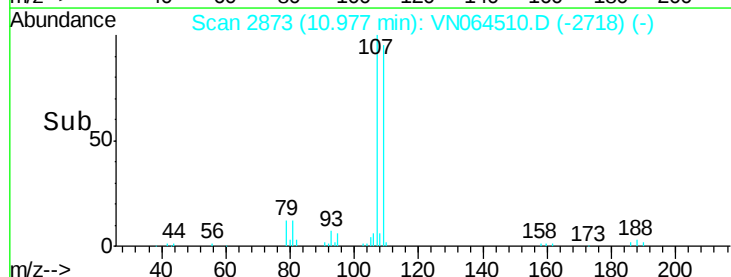
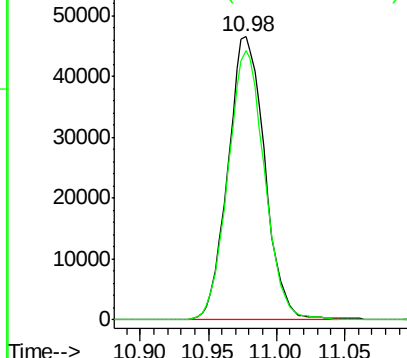
Ion Ratio Lower Upper

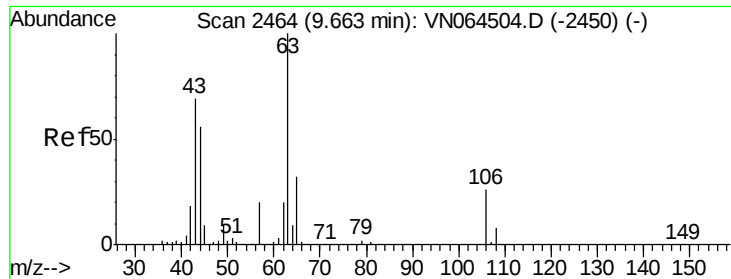
107 100

109 94.4 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

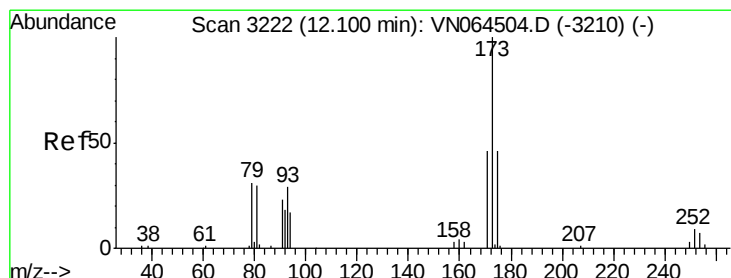
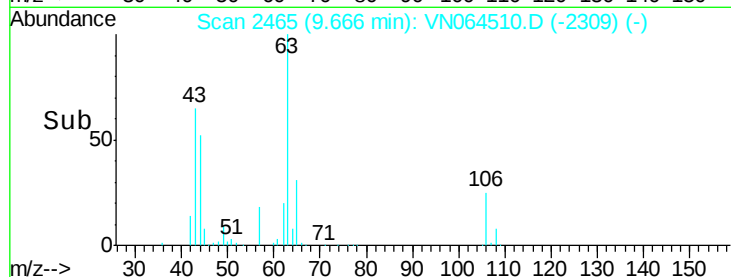
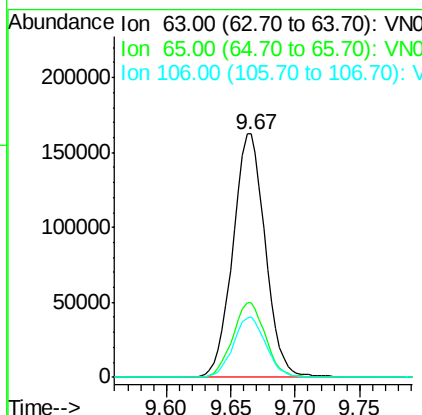
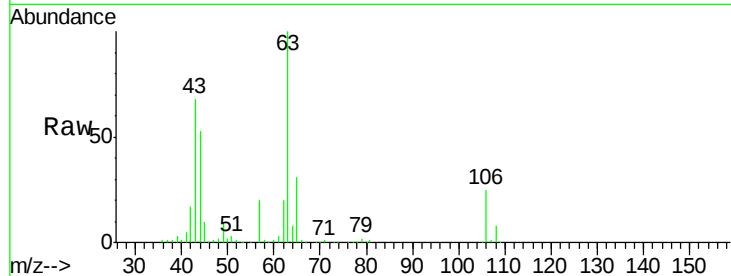




#55
2-Chloroethyl vinyl ether
Concen: 86.275 ug/l
RT: 9.67 min Scan# 2465
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

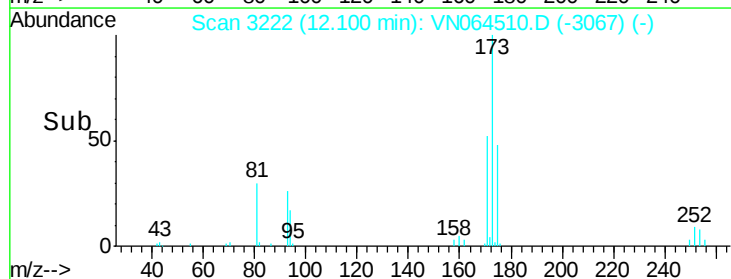
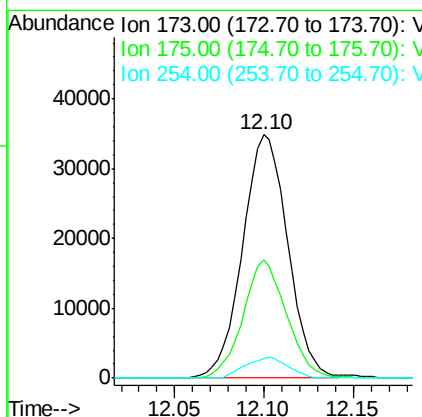
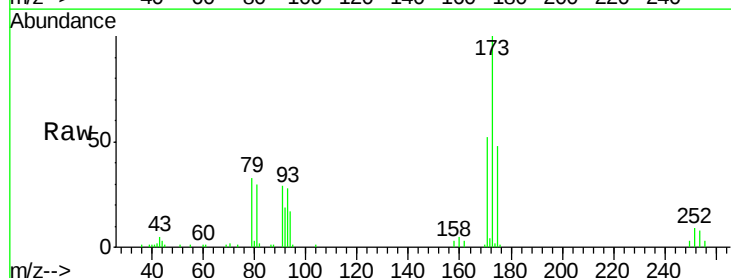
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

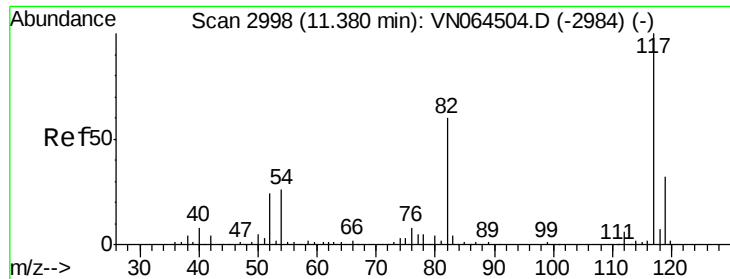
Tot Ion: 63 Resp: 284510
Ion Ratio Lower Upper
63 100
65 30.9 25.7 38.5
106 24.9 19.9 29.9



#56
Bromoform
Concen: 18.650 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 173 Resp: 61634
Ion Ratio Lower Upper
173 100
175 46.9 37.1 55.7
254 8.0 5.4 8.2

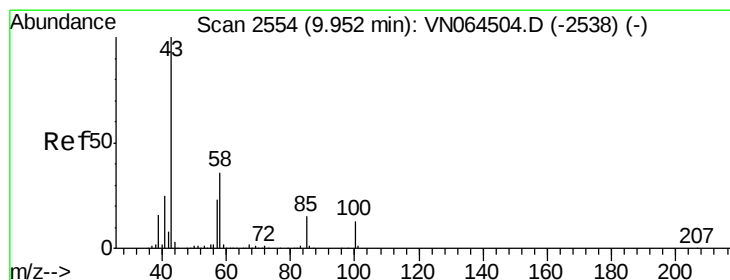
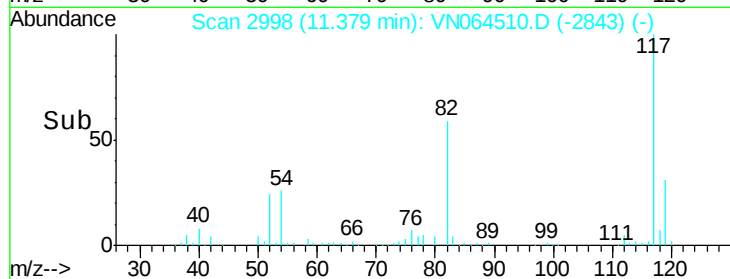
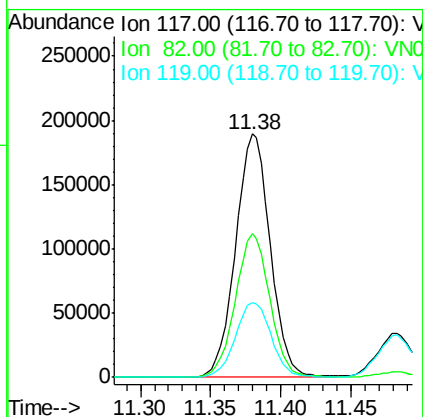
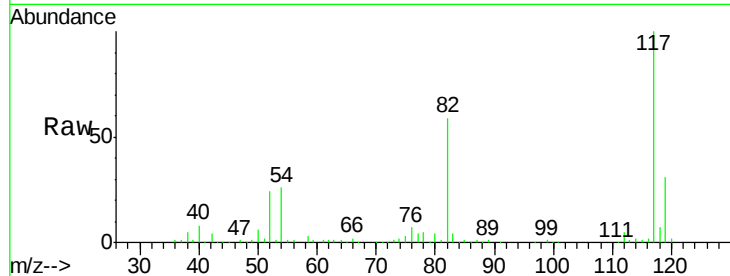




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

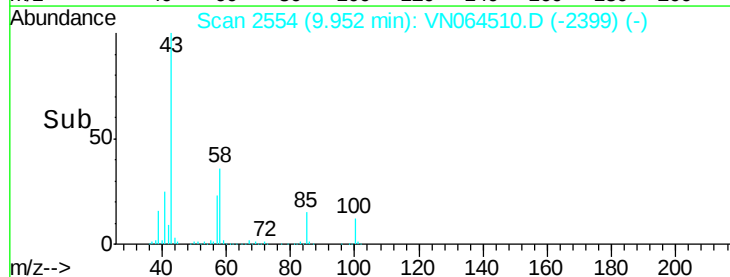
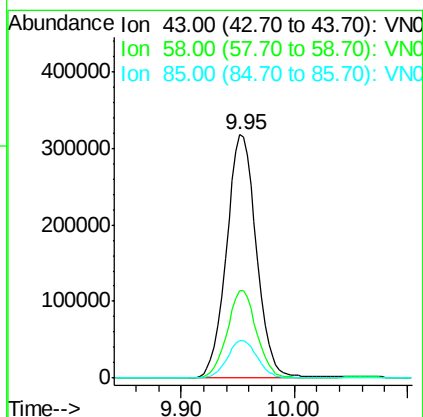
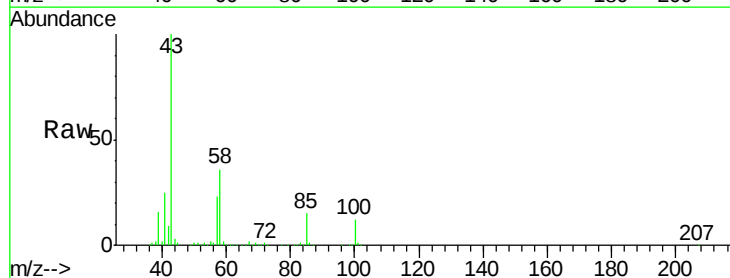
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

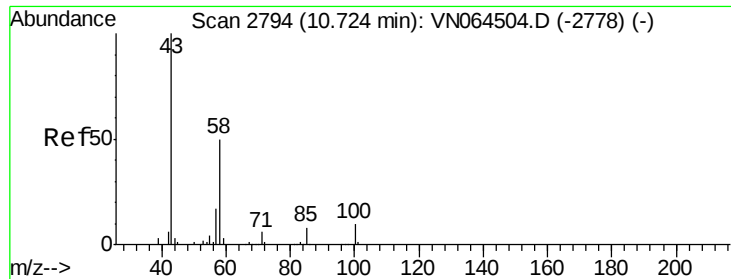
Tot Ion:117 Resp: 326545
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 31.8 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 97.019 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 43 Resp: 581789
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2
85 15.7 12.3 18.5

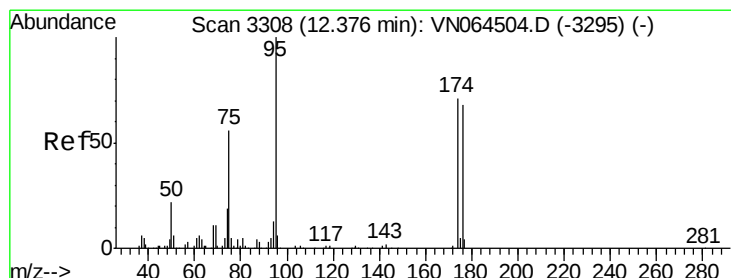
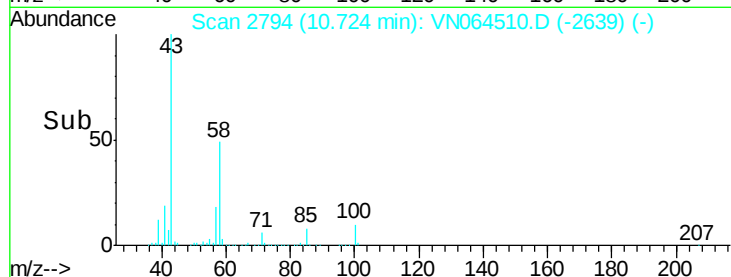
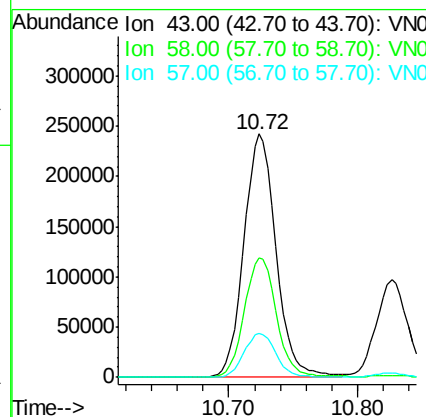
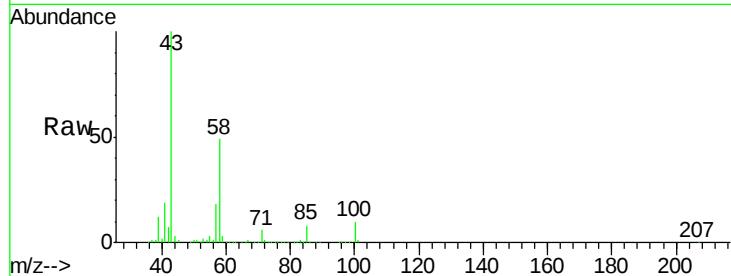




#59
2-Hexanone
Concen: 92.393 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

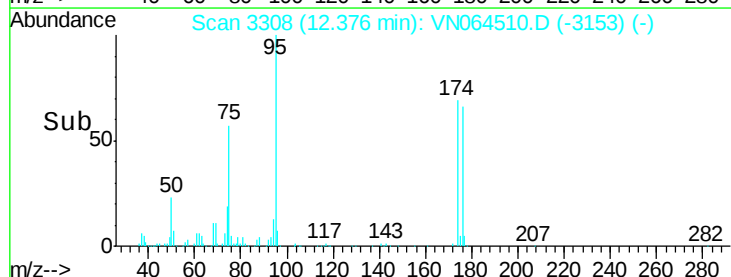
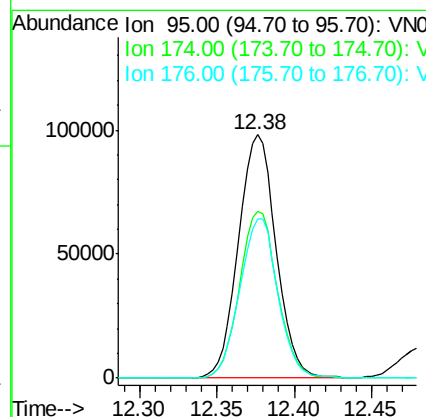
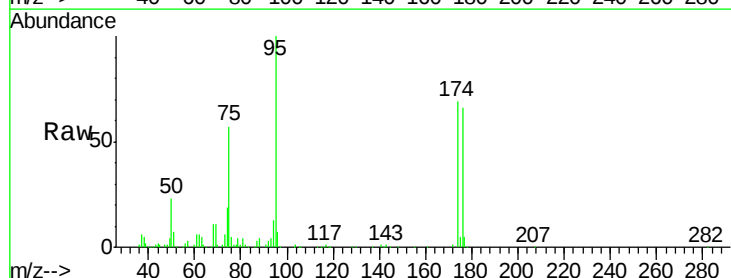
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

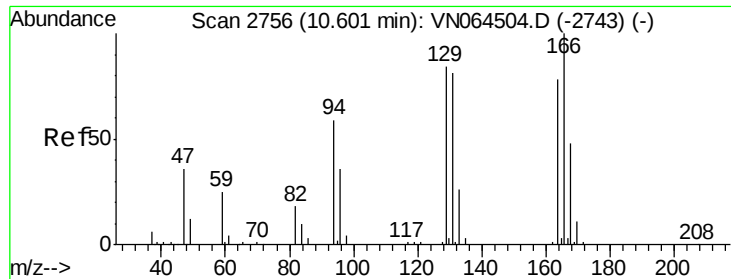
Tot Ion: 43 Resp: 417303
Ion Ratio Lower Upper
43 100
58 49.7 38.2 57.4
57 18.3 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 29.717 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 95 Resp: 166229
Ion Ratio Lower Upper
95 100
174 69.0 56.4 84.6
176 66.3 53.3 79.9

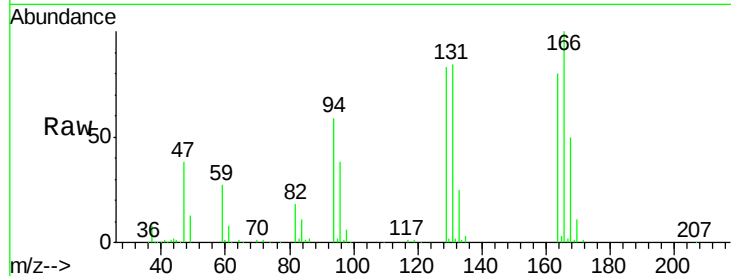




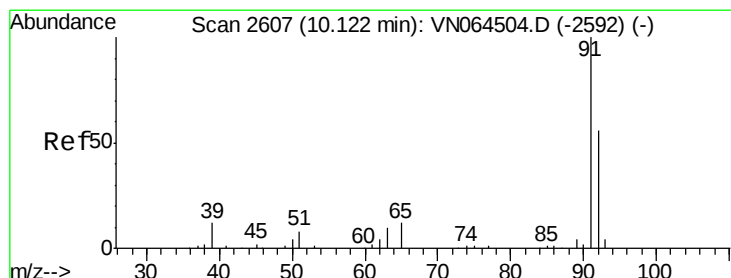
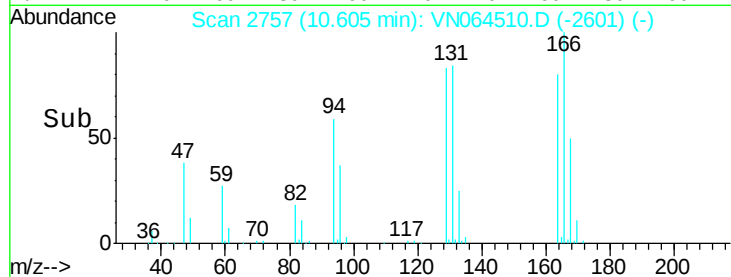
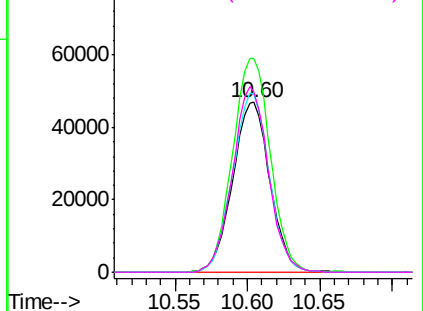
#61
Tetrachloroethene
Concen: 20.486 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tot Ion:164 Resp: 83618
Ion Ratio Lower Upper
164 100
166 125.7 103.2 154.8
129 104.6 86.4 129.6
131 106.1 84.0 126.0

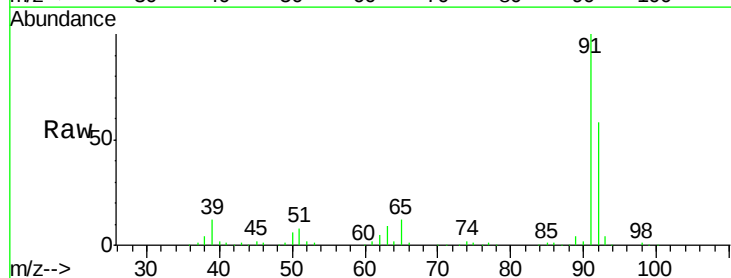


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

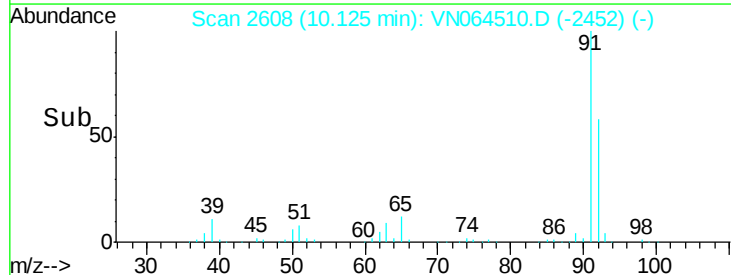
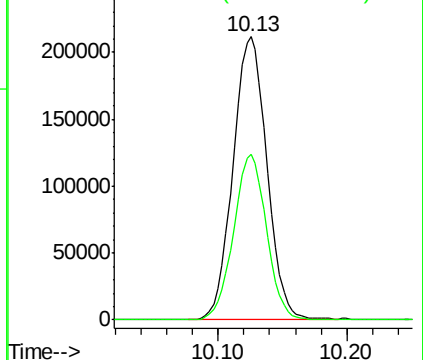


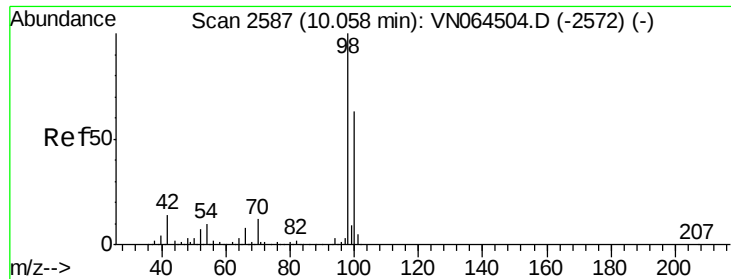
#62
Toluene
Concen: 20.165 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 386707
Ion Ratio Lower Upper
91 100
92 56.5 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.887 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

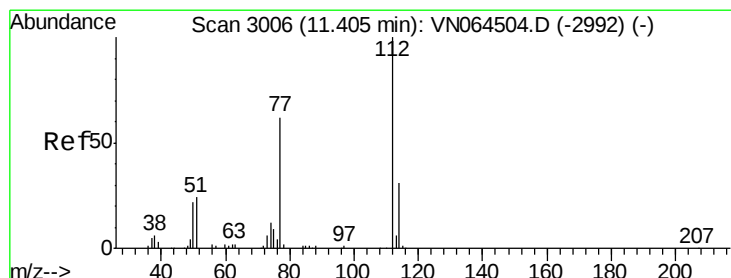
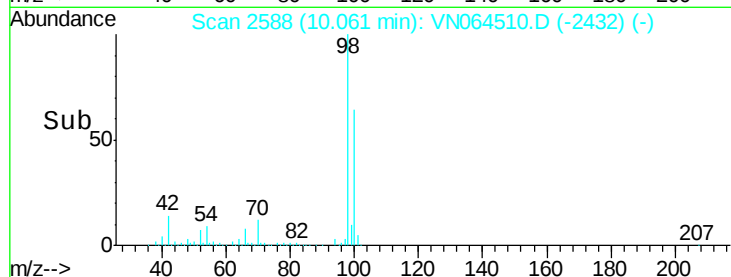
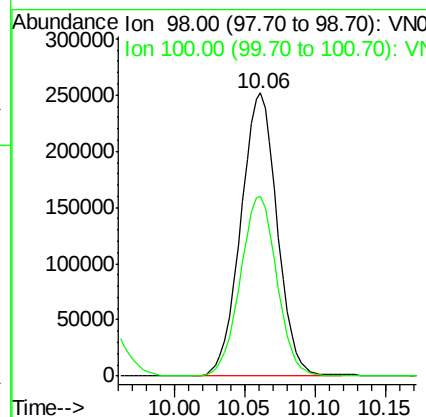
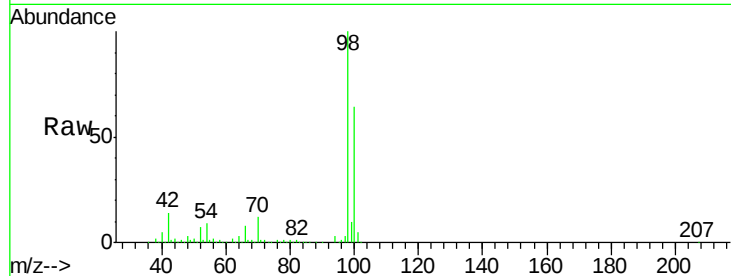
VN1109WBS01

Tot Ion: 98 Resp: 455154

Ion Ratio Lower Upper

98 100

100 63.9 49.4 74.2



#64

Chlorobenzene

Concen: 19.961 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064510.D

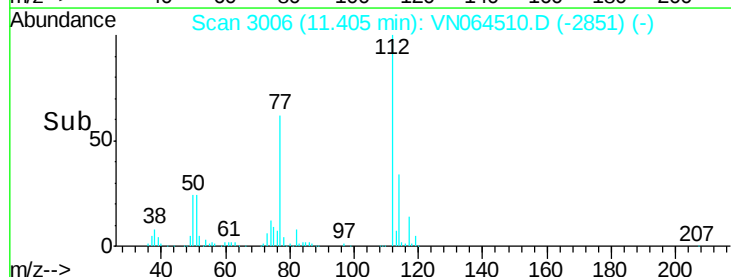
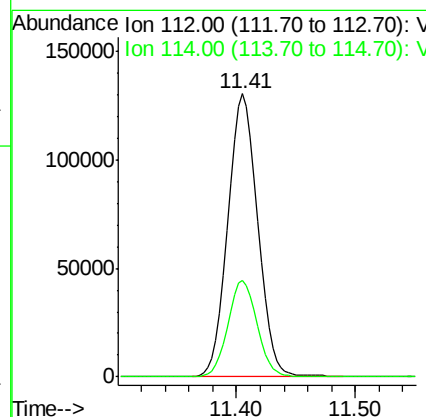
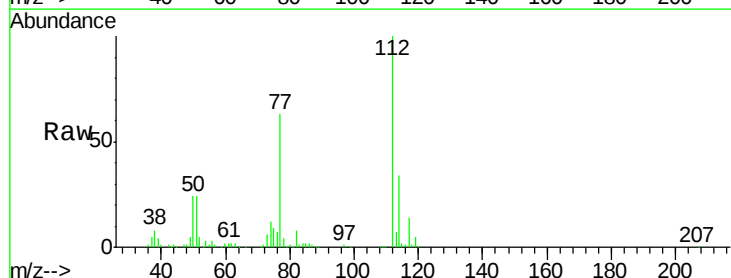
Acq: 9 Nov 2020 16:43

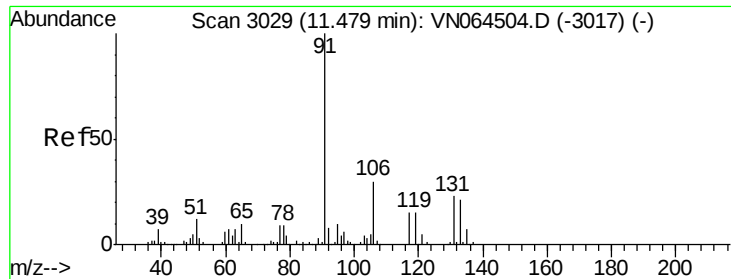
Tgt Ion: 112 Resp: 227539

Ion Ratio Lower Upper

112 100

114 34.1 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.306 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

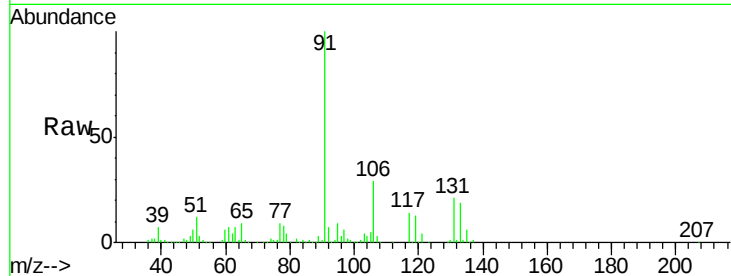
Tot Ion:131 Resp: 90486

Ion Ratio Lower Upper

131 100

133 94.2 0.0 191.2

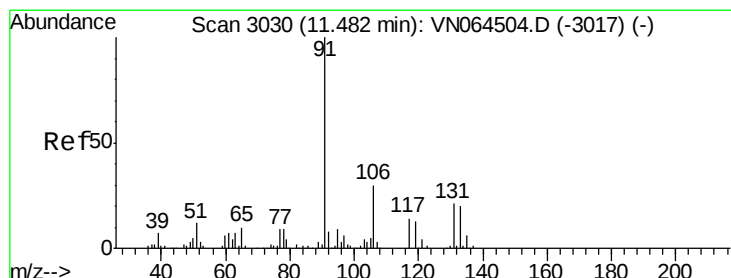
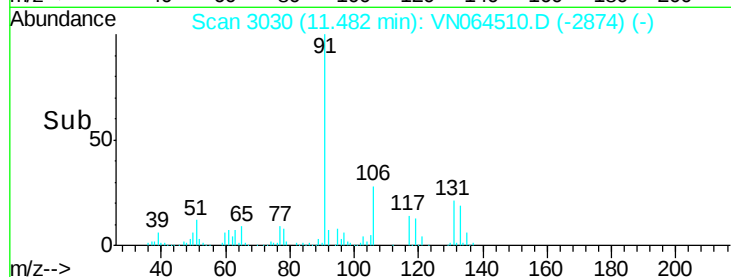
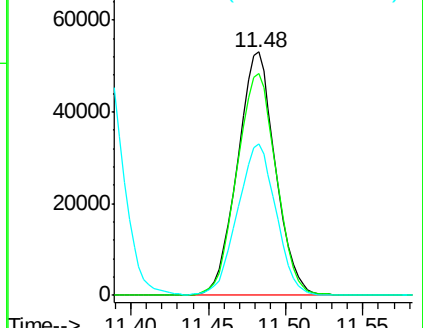
119 63.1 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.993 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064510.D

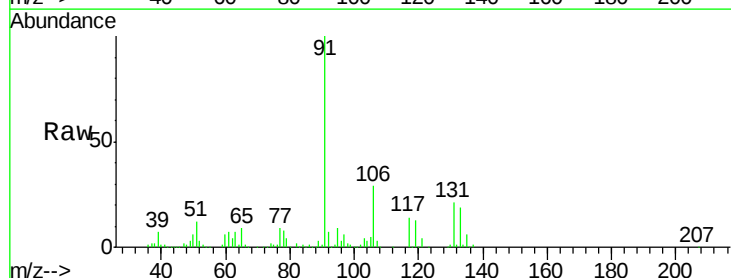
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 413781

Ion Ratio Lower Upper

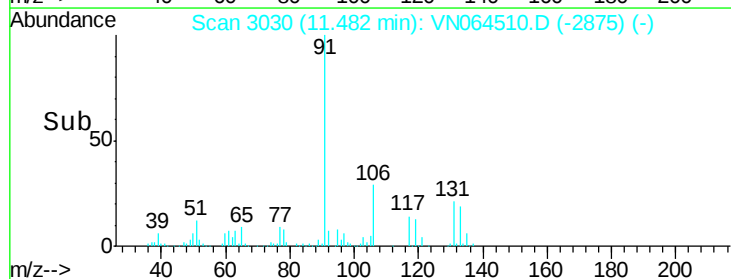
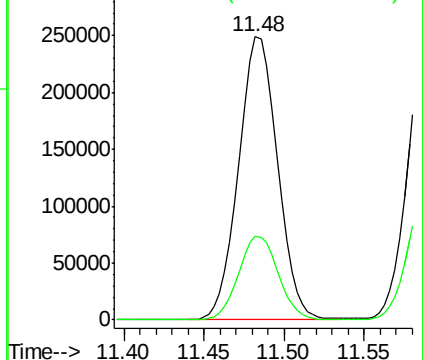
91 100

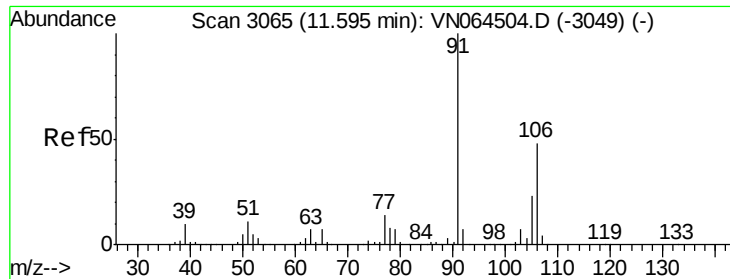
106 29.4 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

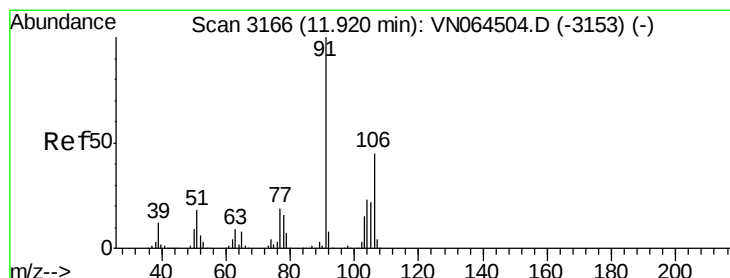
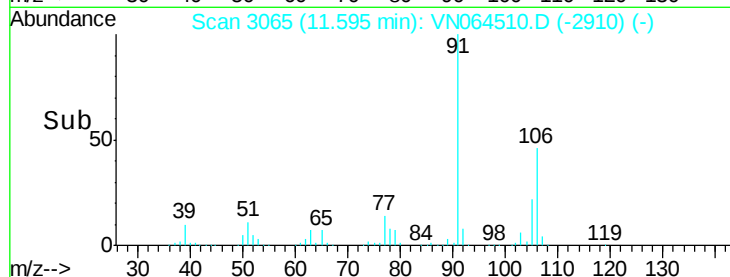
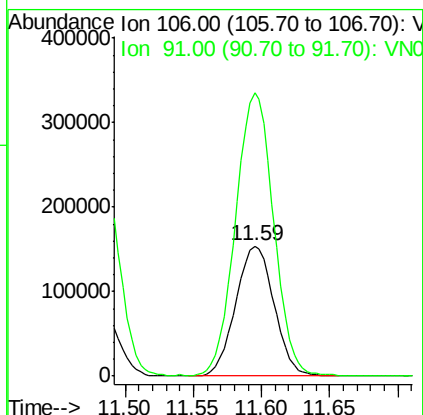
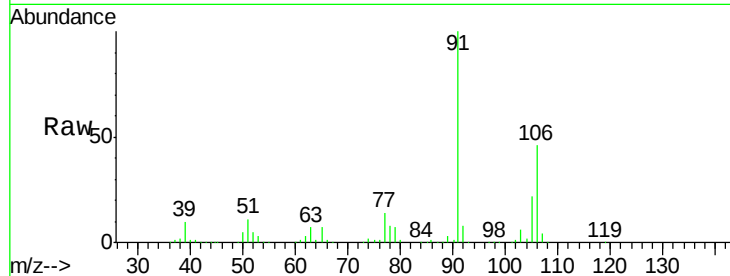




#67
m/p-Xylenes
Concen: 39.137 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

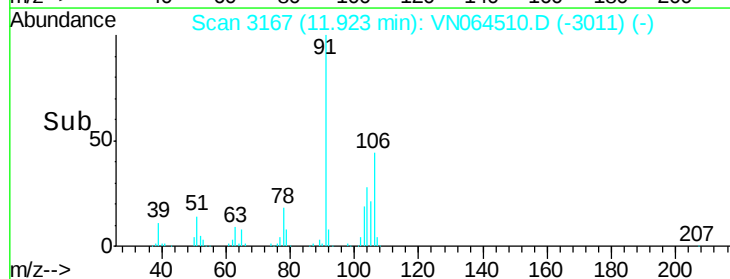
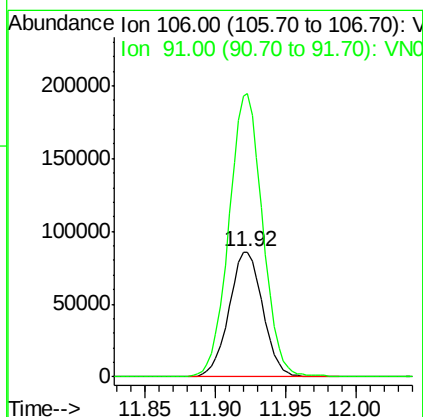
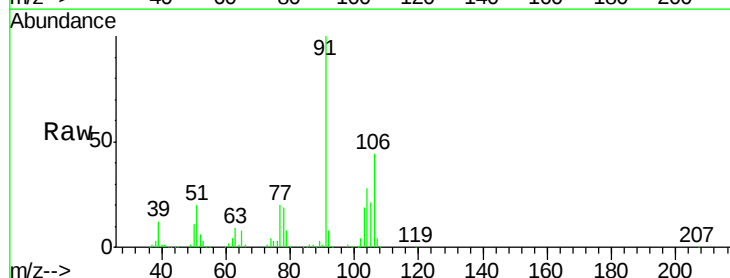
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

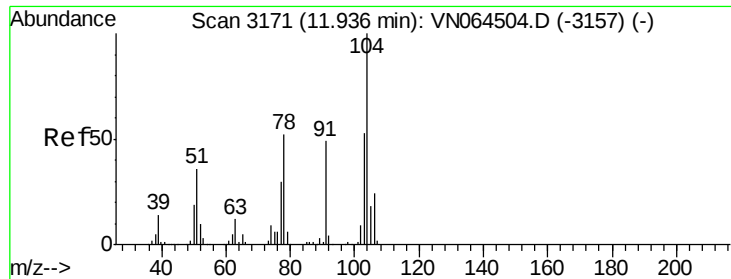
Tot Ion:106 Resp: 298965
Ion Ratio Lower Upper
106 100
91 216.5 168.8 253.2



#68
o-Xylene
Concen: 19.904 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:106 Resp: 143886
Ion Ratio Lower Upper
106 100
91 224.6 109.7 329.2

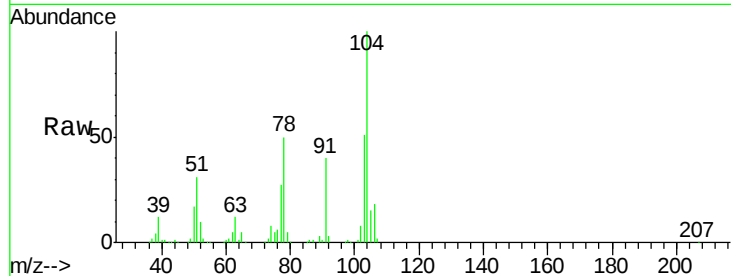




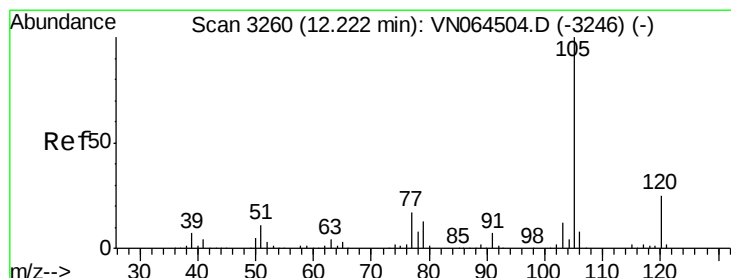
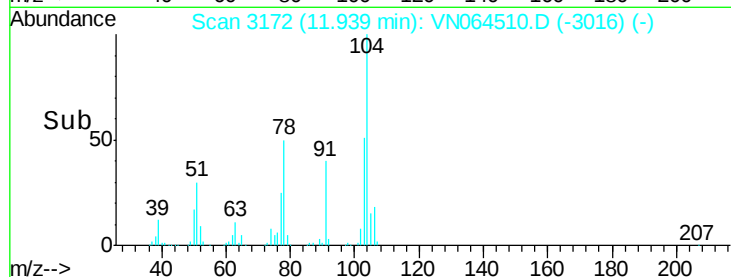
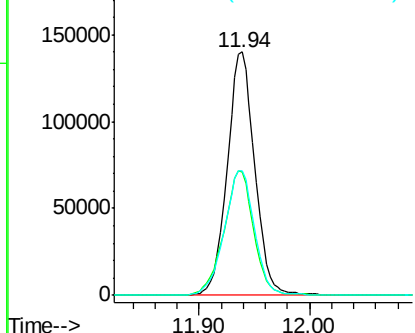
#69
Stvrene
Concen: 19.567 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

Tot Ion:104 Resp: 242242
Ion Ratio Lower Upper
104 100
78 55.4 44.4 66.6
103 56.2 44.6 67.0

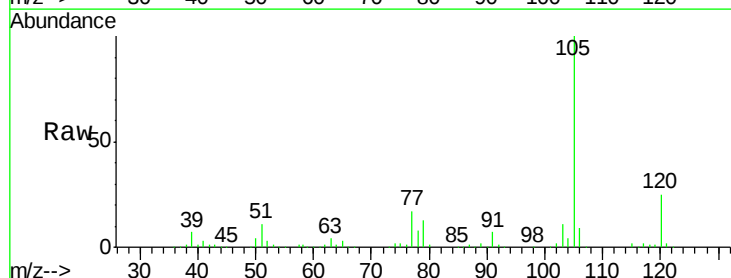


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

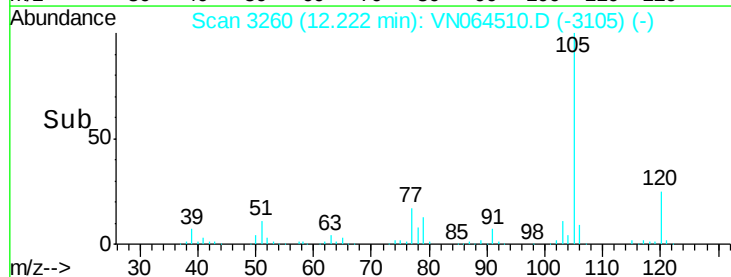
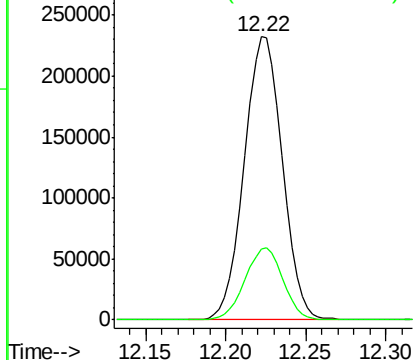


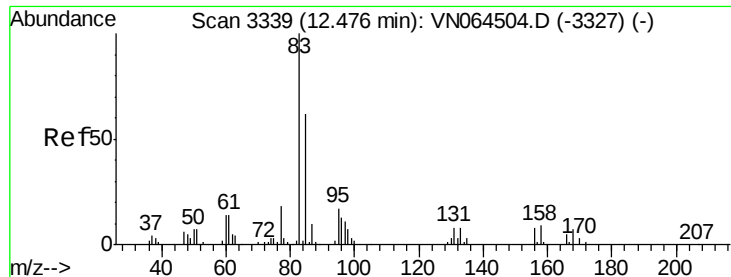
#70
Isopropylbenzene
Concen: 19.945 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:105 Resp: 377396
Ion Ratio Lower Upper
105 100
120 25.5 17.9 33.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

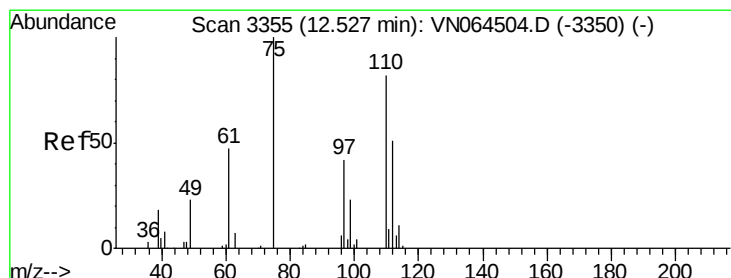
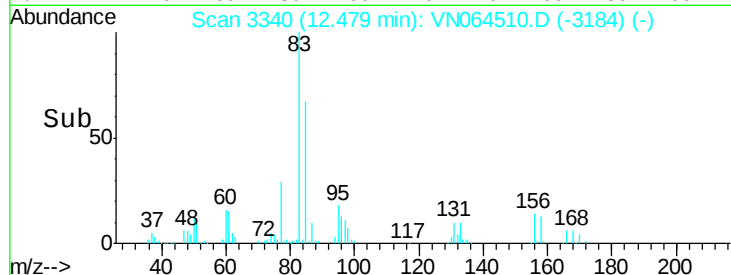
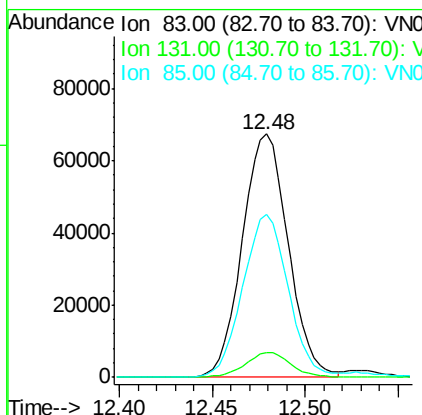
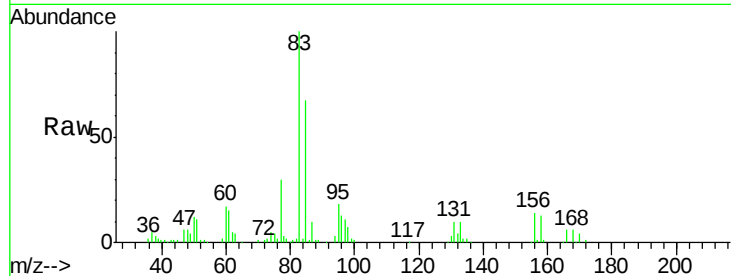




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.133 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

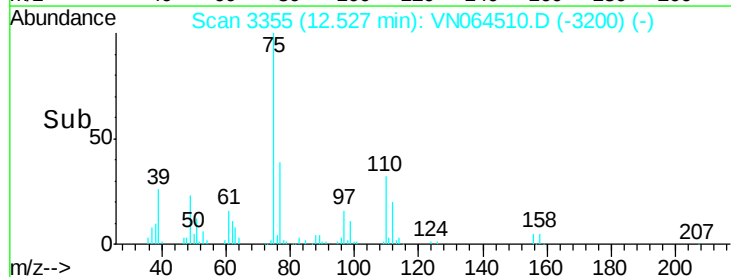
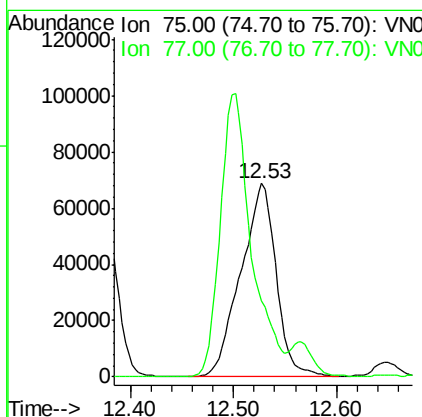
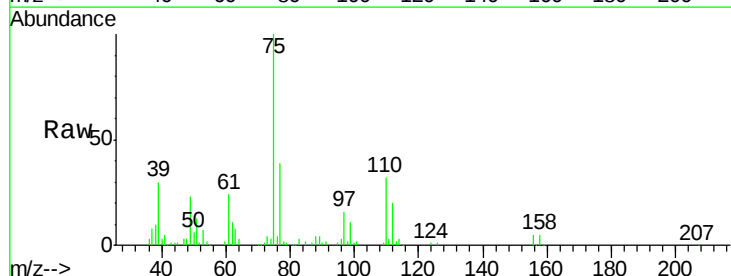
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

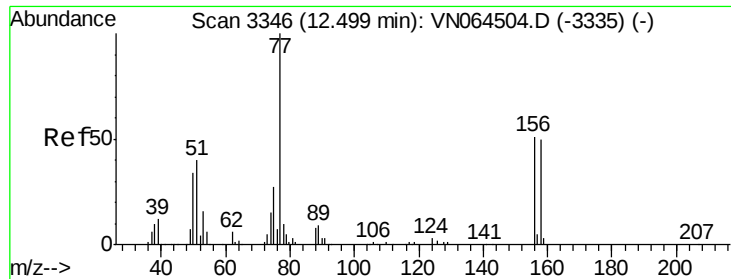
Tot Ion: 83 Resp: 115939
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.6 13.8
 85 66.3 31.4 94.0



#72
 1,2,3-Trichloropropane
 Concen: 27.134 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion: 75 Resp: 163976
 Ion Ratio Lower Upper
 75 100
 77 129.6 0.0 379.4





#73

Bromobenzene

Concen: 19.569 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampled :

VN1109WBS01

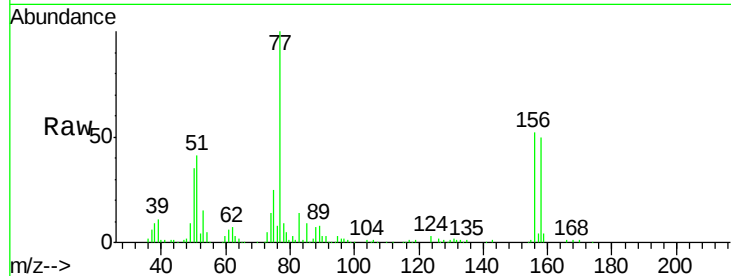
Tot Ion:156 Resp: 91598

Ion Ratio Lower Upper

156 100

77 232.0 0.0 480.2

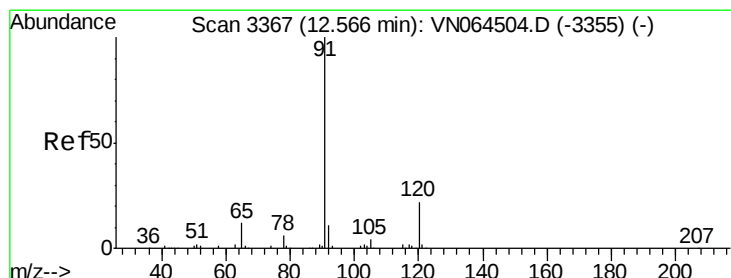
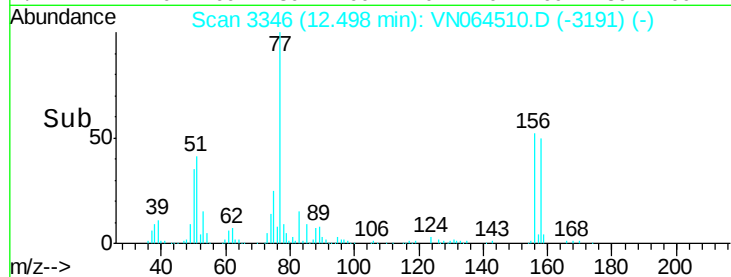
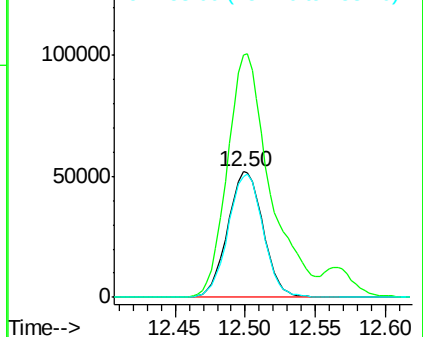
158 96.5 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.949 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064510.D

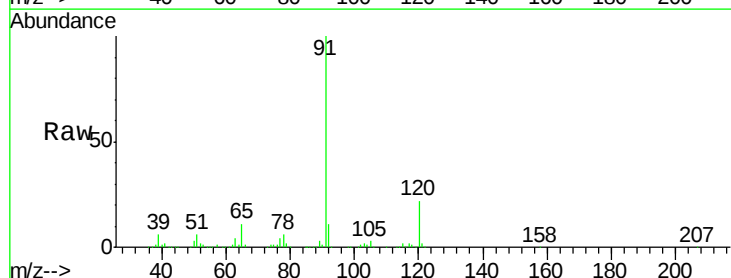
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 443992

Ion Ratio Lower Upper

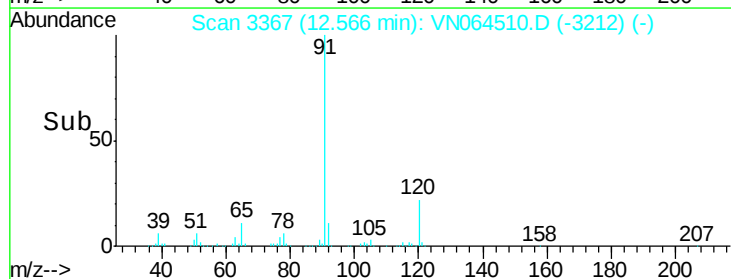
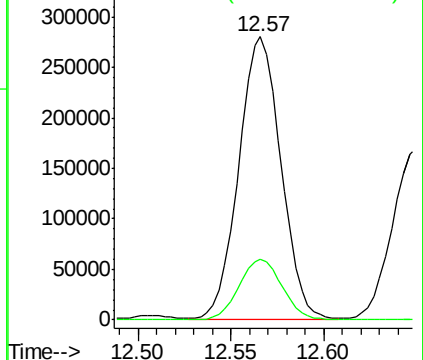
91 100

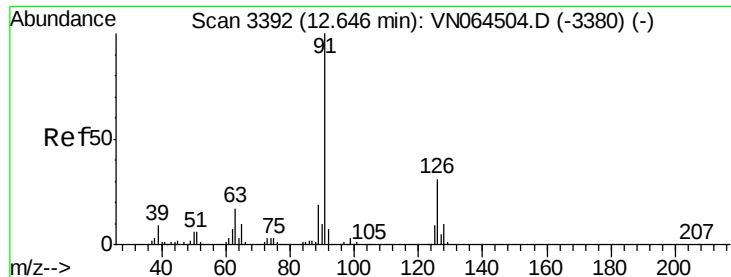
120 21.8 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.039 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

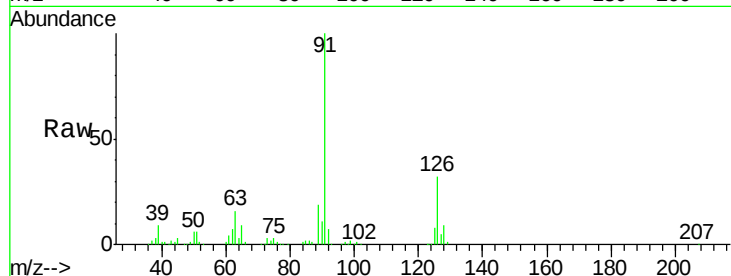
VN1109WBS01

Tot Ion: 91 Resp: 280412

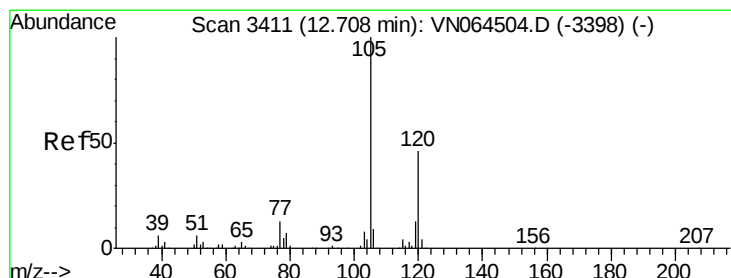
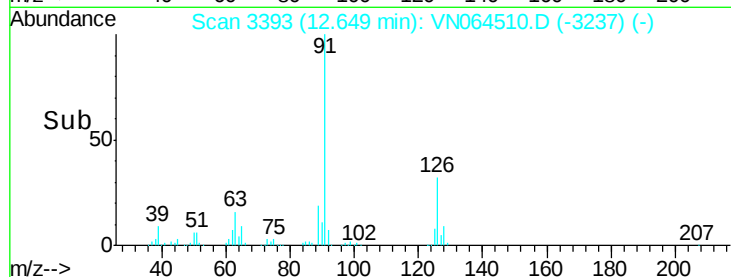
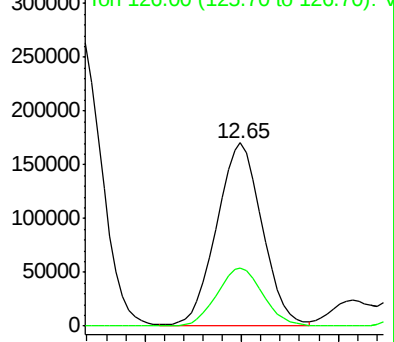
Ion Ratio Lower Upper

91 100

126 32.0 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064510.D (-3237) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.996 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064510.D

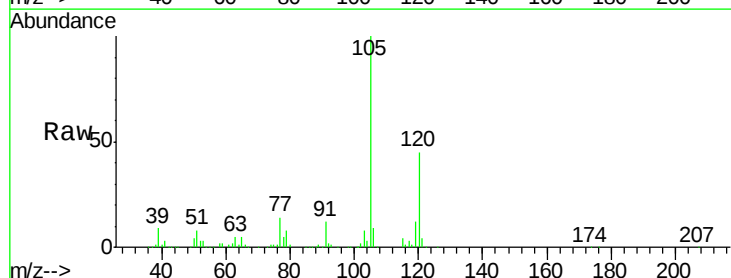
Acq: 9 Nov 2020 16:43

Tgt Ion:105 Resp: 319398

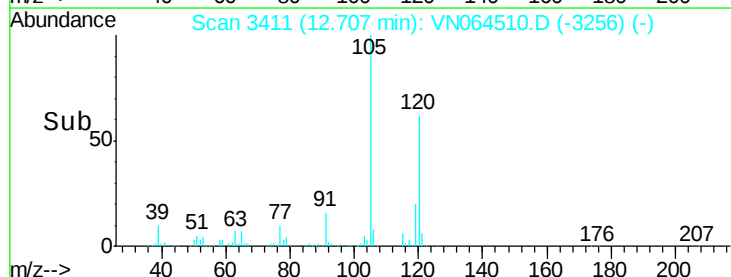
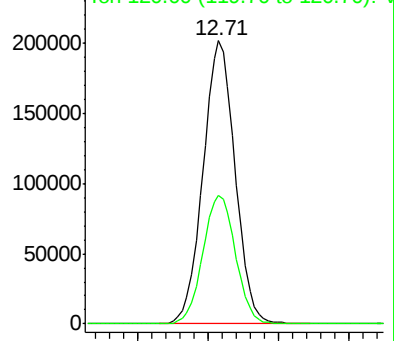
Ion Ratio Lower Upper

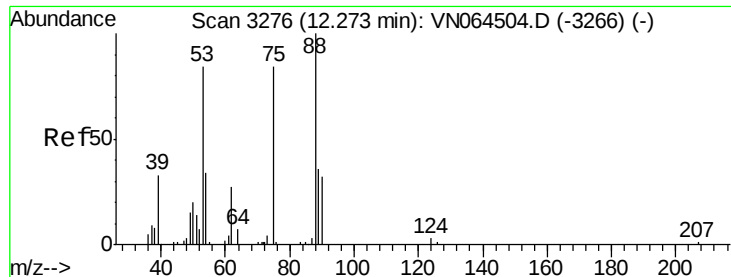
105 100

120 46.4 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064510.D (-3256) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.161 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

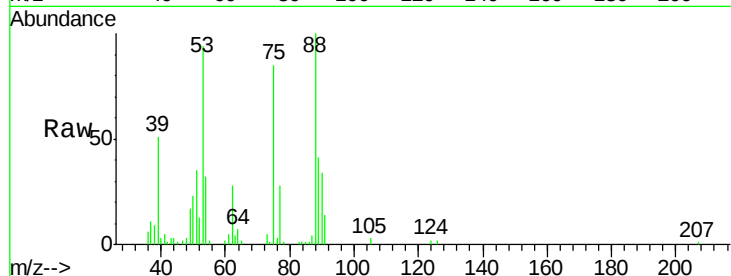
Tot Ion: 75 Resp: 40014

Ion Ratio Lower Upper

75 100

53 110.7 50.3 150.9

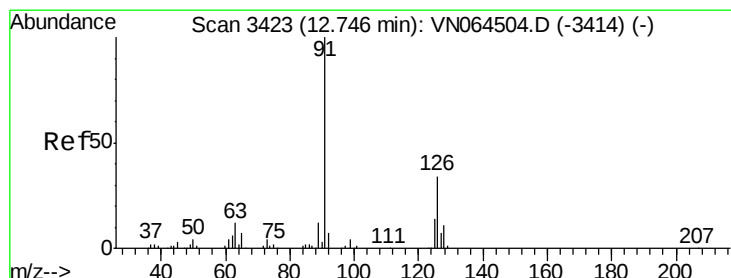
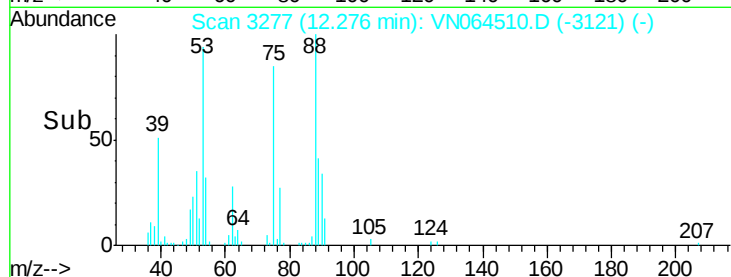
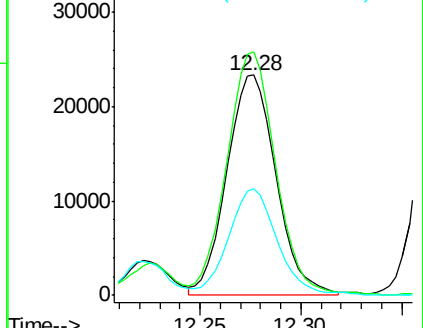
89 47.8 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN064510.D (-3277) (-)

Ion 53.00 (52.70 to 53.70): VN064510.D (-3277) (-)

Ion 89.00 (88.70 to 89.70): VN064510.D (-3277) (-)



#78

4-Chlorotoluene

Concen: 19.922 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064510.D

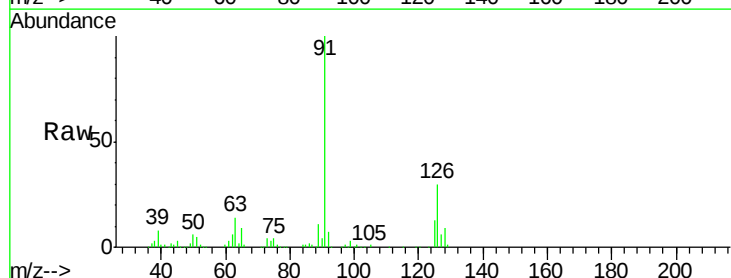
Acq: 9 Nov 2020 16:43

Tgt Ion: 91 Resp: 292933

Ion Ratio Lower Upper

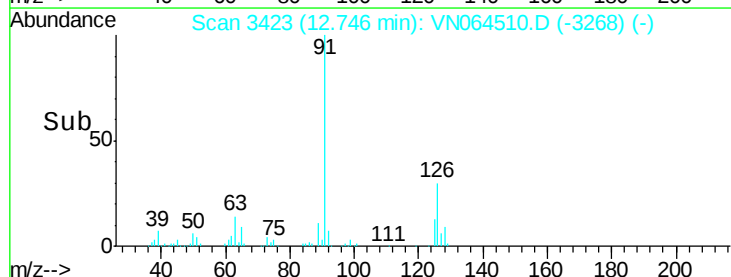
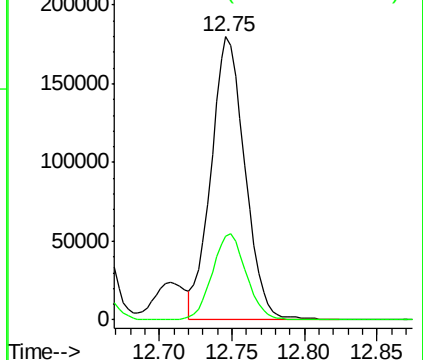
91 100

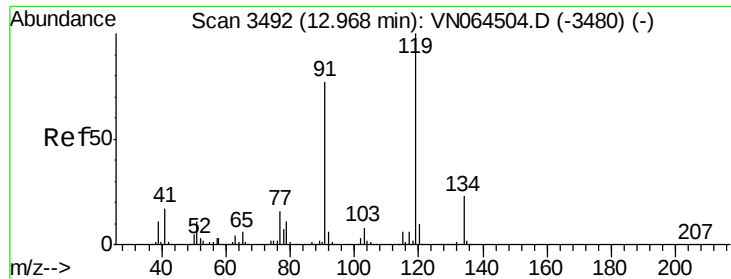
126 30.1 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064510.D (-3423) (-)

Ion 126.00 (125.70 to 126.70): VN064510.D (-3423) (-)

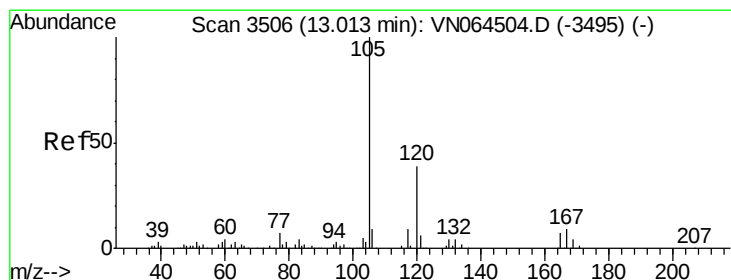
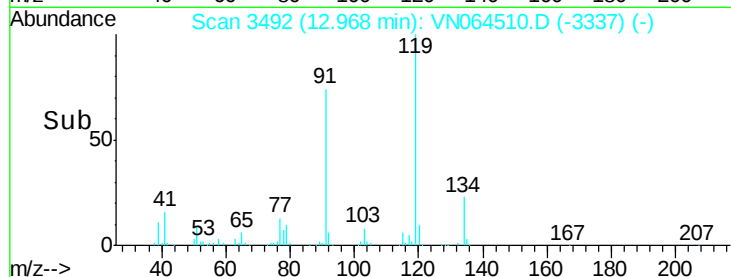
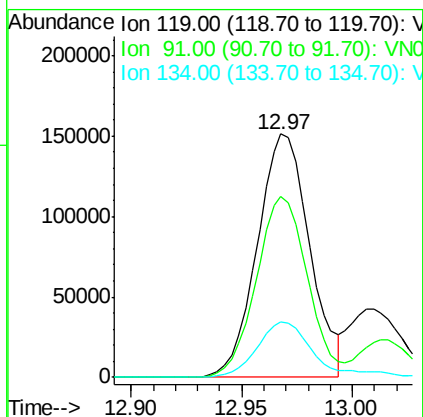
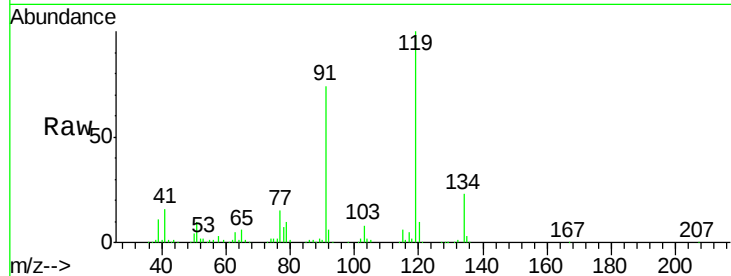




#79
tert-butylbenzene
Concen: 19.842 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

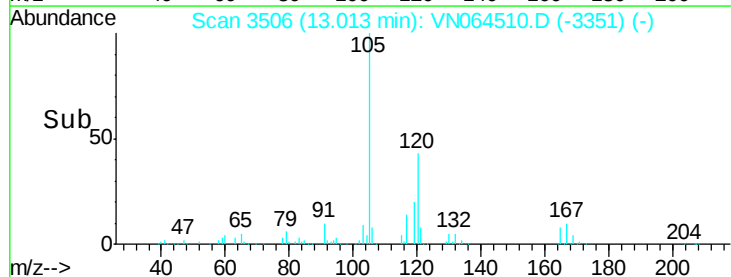
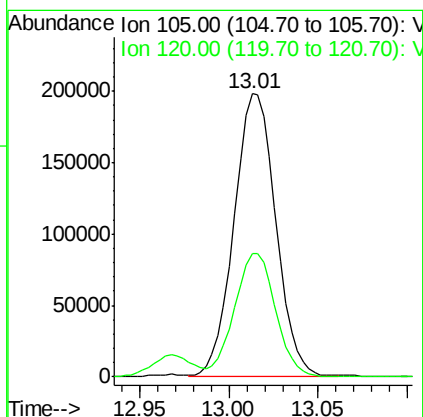
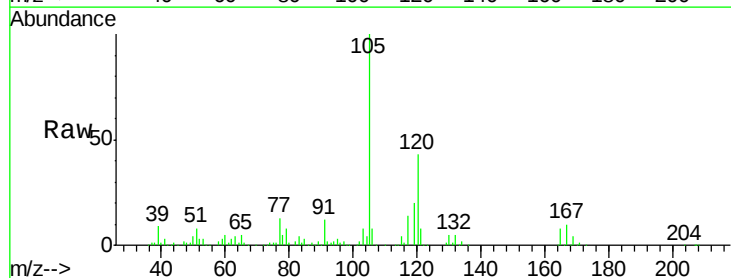
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

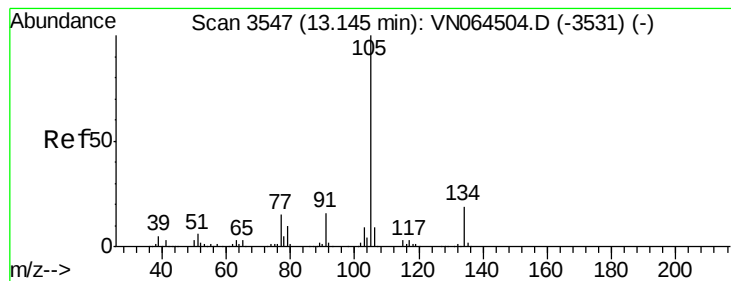
Tot Ion:119 Resp: 248728
Ion Ratio Lower Upper
119 100
91 72.9 0.0 147.8
134 24.7 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 20.187 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:105 Resp: 324929
Ion Ratio Lower Upper
105 100
120 42.9 0.0 88.6





#81

sec-Butylbenzene

Concen: 20.053 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

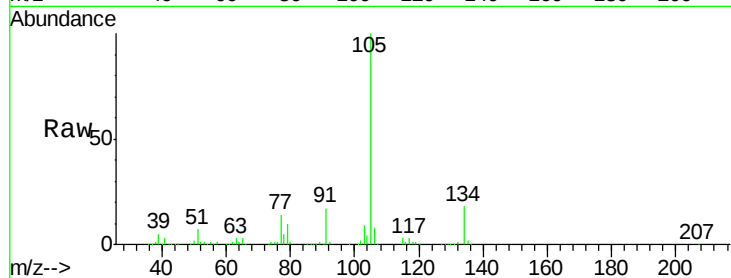
VN1109WBS01

Tot Ion:105 Resp: 333206

Ion Ratio Lower Upper

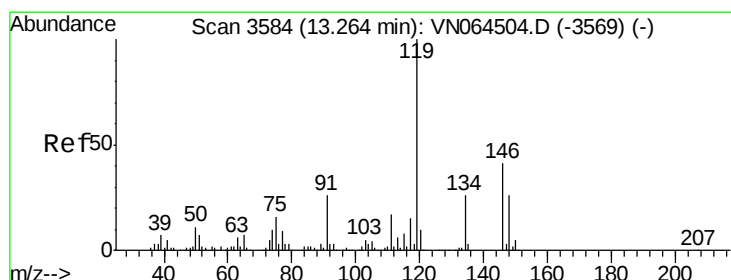
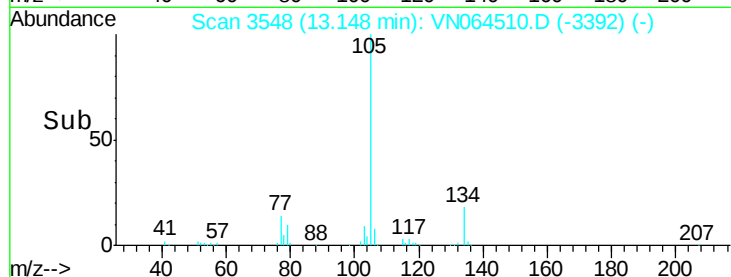
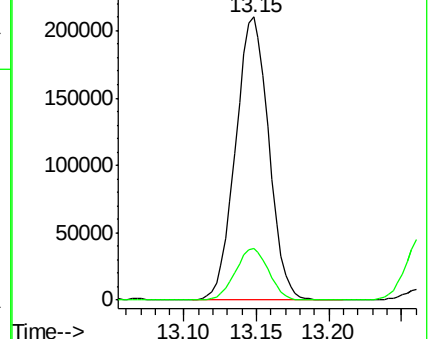
105 100

134 18.3 0.0 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.025 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

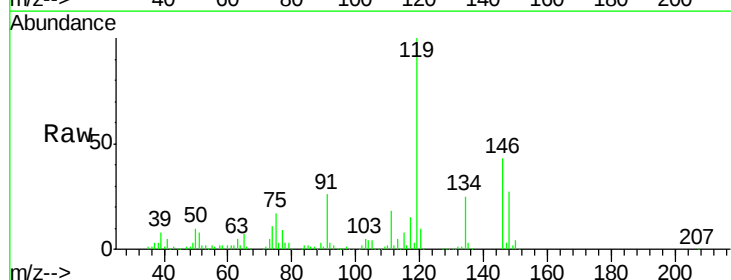
Tgt Ion:119 Resp: 297263

Ion Ratio Lower Upper

119 100

134 24.7 0.0 53.0

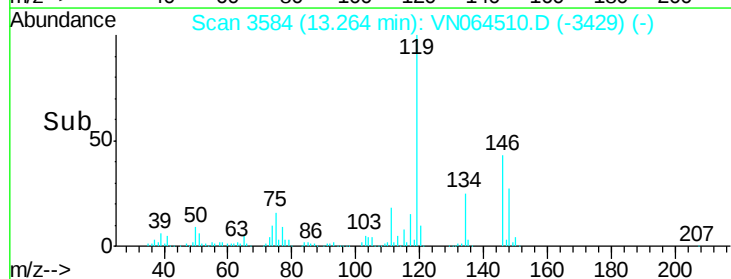
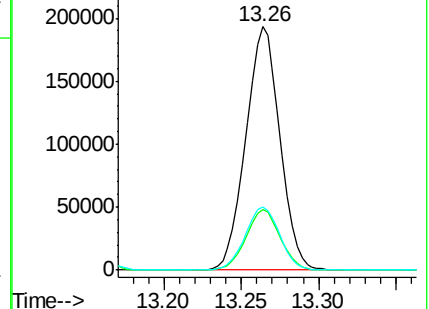
91 26.2 0.0 53.2

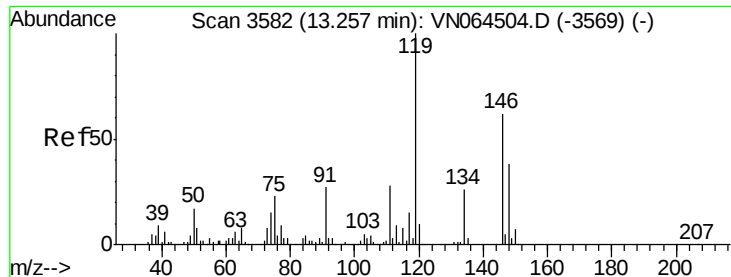


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

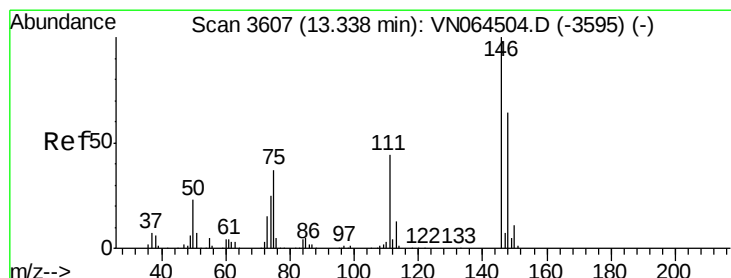
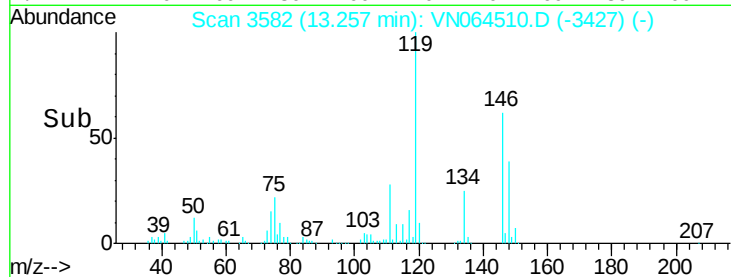
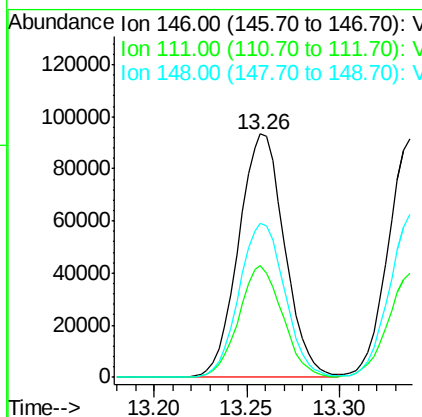
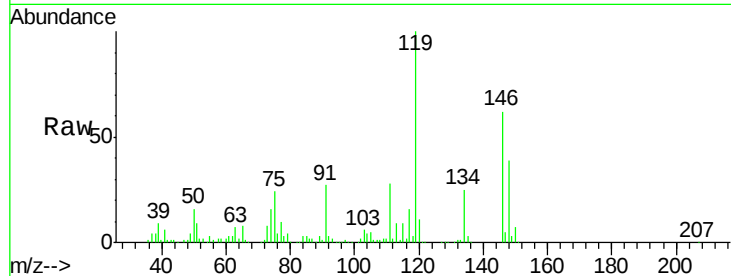




#83
 1,3-Dichlorobenzene
 Concen: 19.516 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

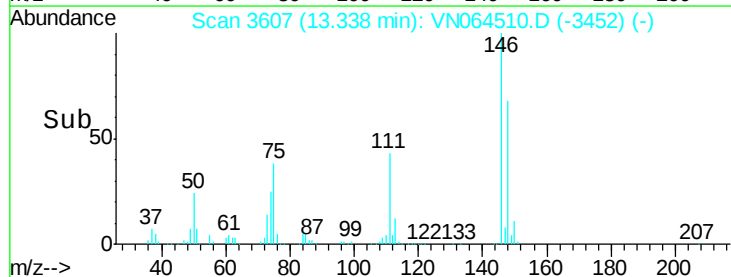
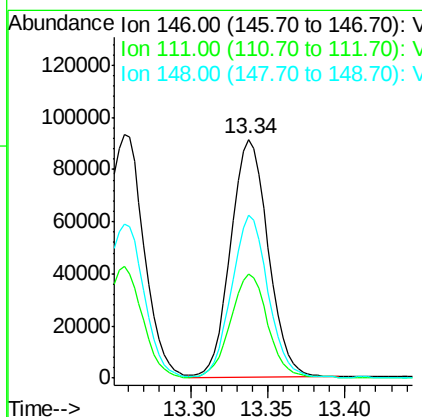
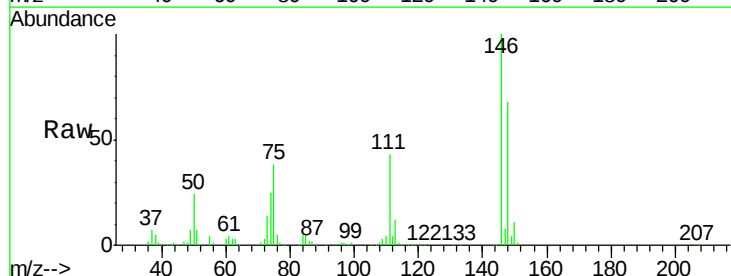
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

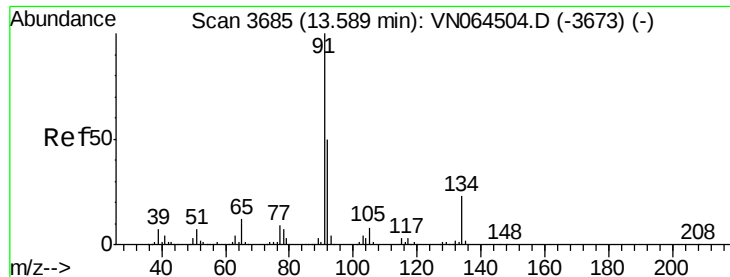
Tot Ion:146 Resp: 160700
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.3 66.9
 148 62.9 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 18.826 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion:146 Resp: 154184
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.8 65.4
 148 66.1 31.5 94.5

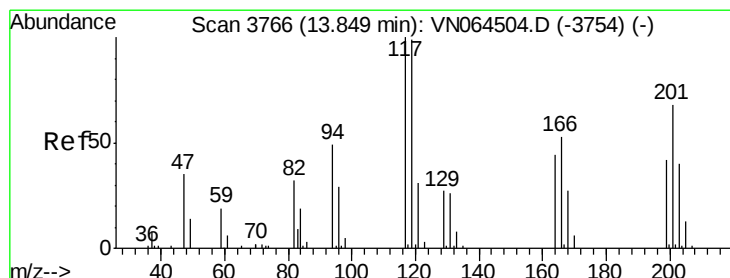
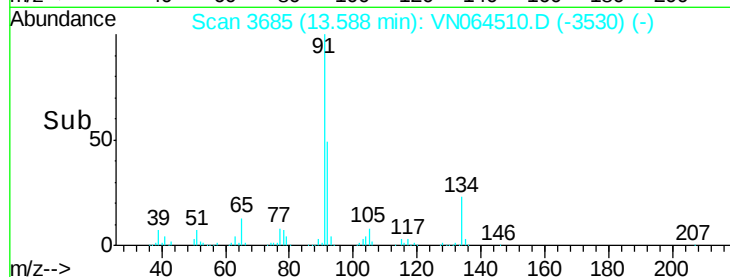
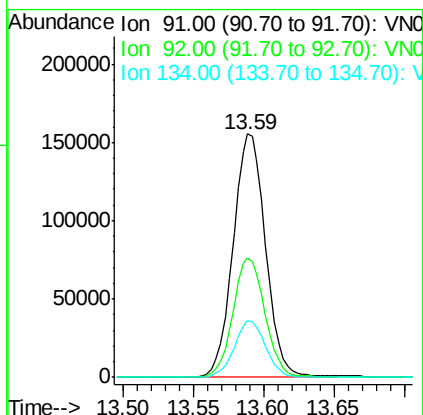
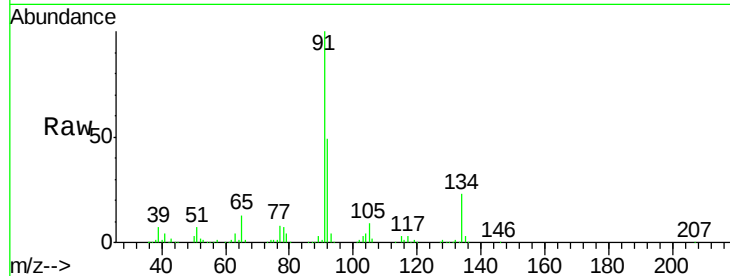




#85
n-Butylbenzene
Concen: 19.463 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

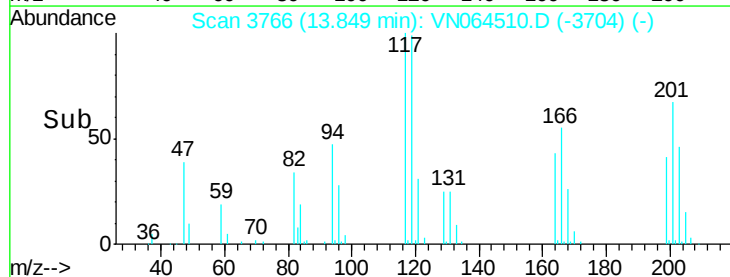
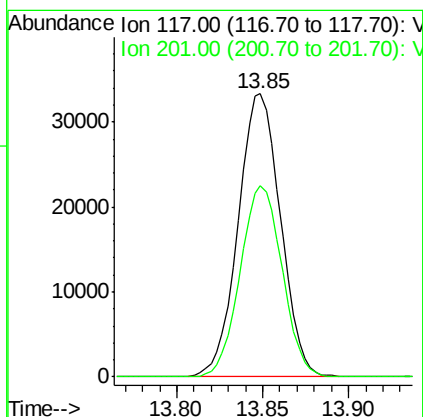
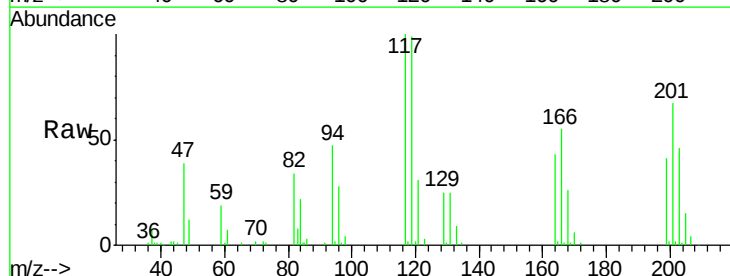
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

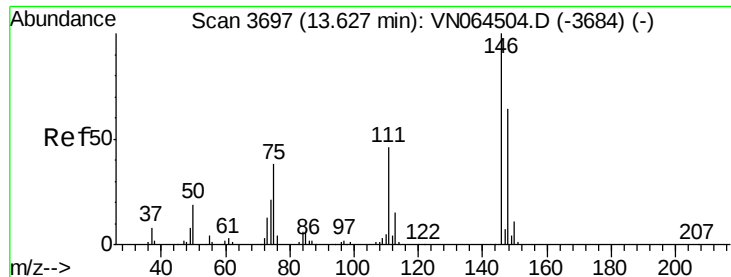
Tot Ion: 91 Resp: 250484
Ion Ratio Lower Upper
91 100
92 48.7 0.0 101.4
134 22.5 0.0 45.2



#86
Hexachloroethane
Concen: 19.325 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion: 117 Resp: 57165
Ion Ratio Lower Upper
117 100
201 66.7 33.1 99.3





#87

1,2-Dichlorobenzene

Concen: 19.766 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

Instrument :

MSVOA_N

ClientSampled :

VN1109WBS01

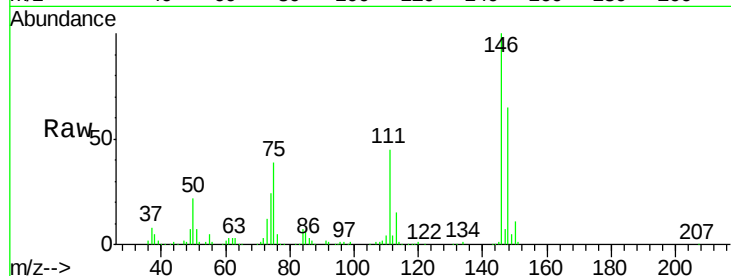
Tot Ion:146 Resp: 158521

Ion Ratio Lower Upper

146 100

111 44.1 23.1 69.2

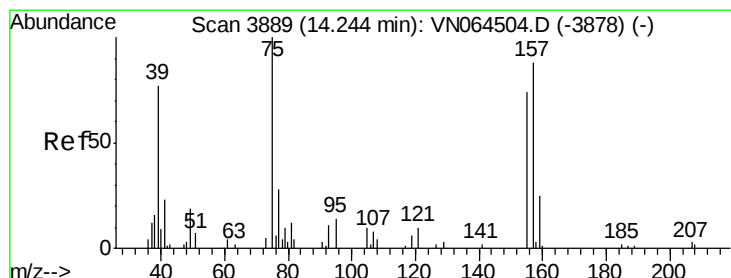
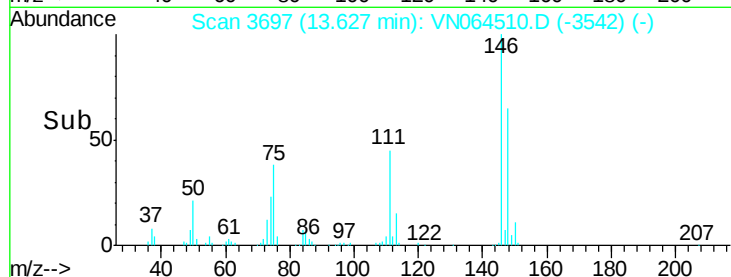
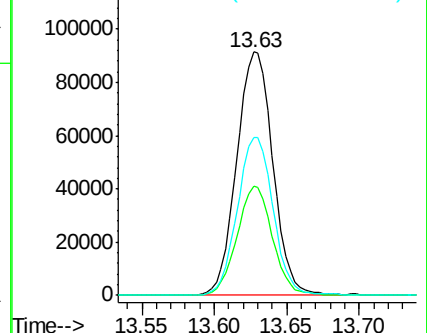
148 64.2 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.087 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN064510.D

Acq: 9 Nov 2020 16:43

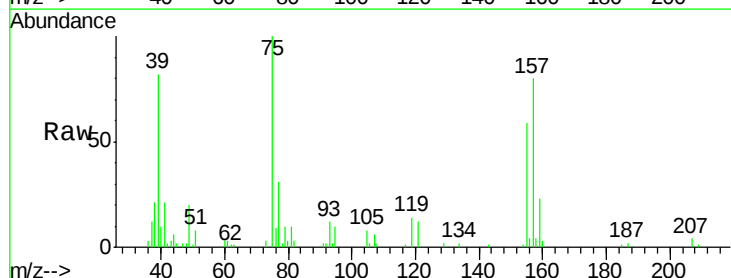
Tgt Ion: 75 Resp: 24987

Ion Ratio Lower Upper

75 100

155 63.1 56.5 84.7

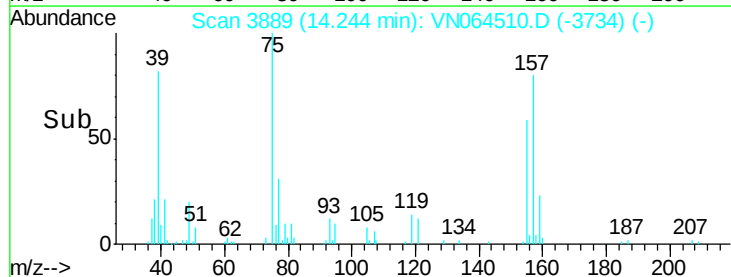
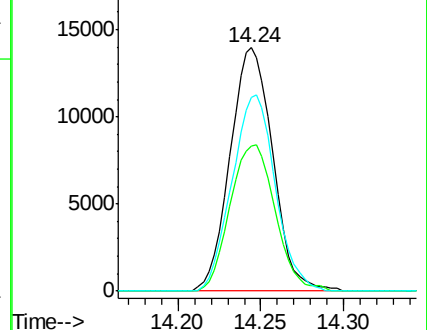
157 81.6 69.7 104.5

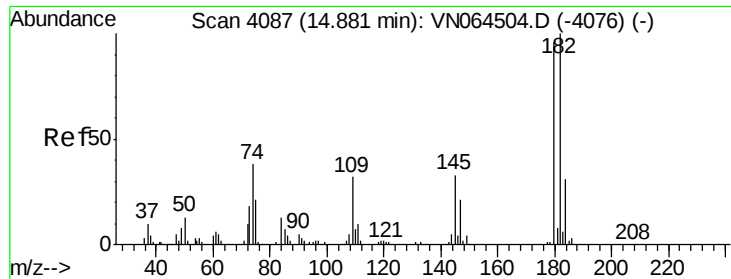


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

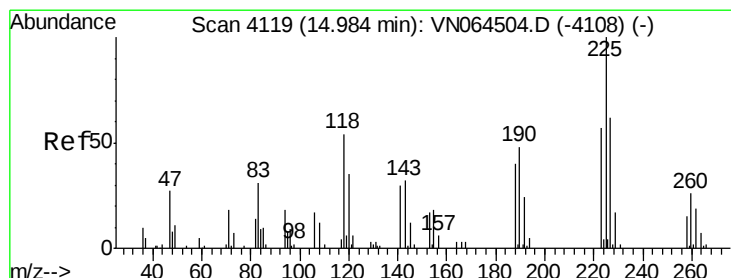
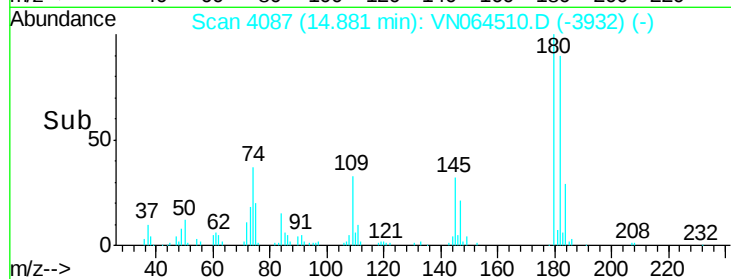
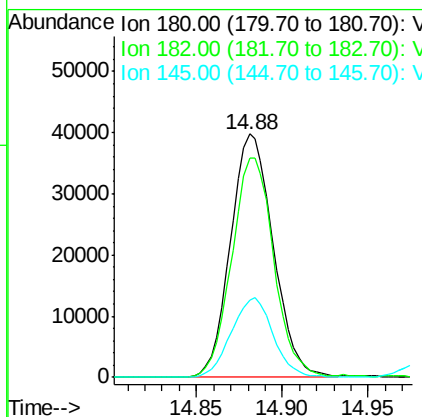
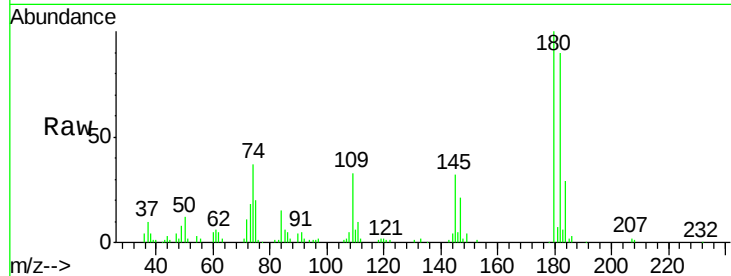




#89
 1,2,4-Trichlorobenzene
 Concen: 18.862 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

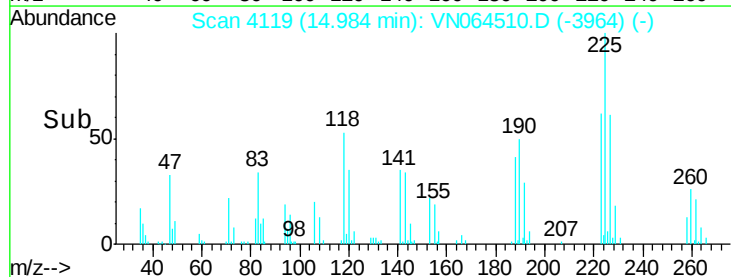
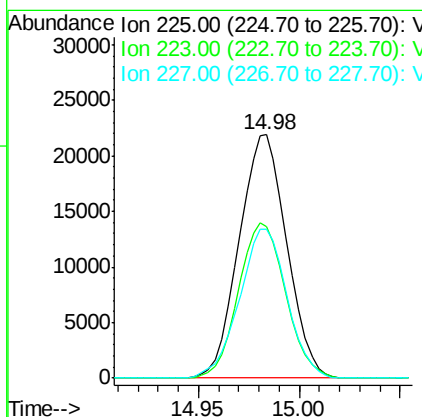
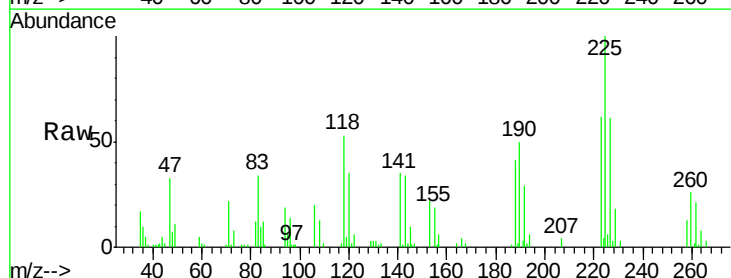
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

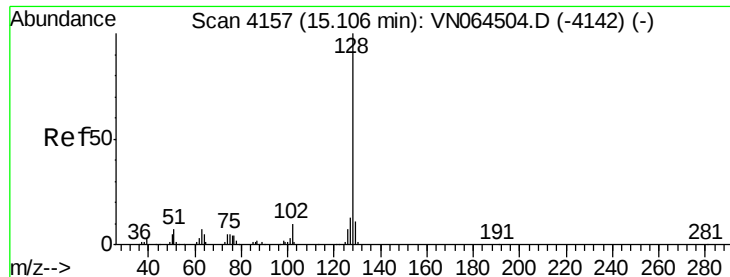
Tot Ion:180 Resp: 68683
 Ion Ratio Lower Upper
 180 100
 182 88.8 79.4 119.0
 145 31.9 27.6 41.4



#90
 Hexachlorobutadiene
 Concen: 19.989 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN064510.D
 Acq: 9 Nov 2020 16:43

Tgt Ion:225 Resp: 36253
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 125.4
 227 61.1 0.0 122.0

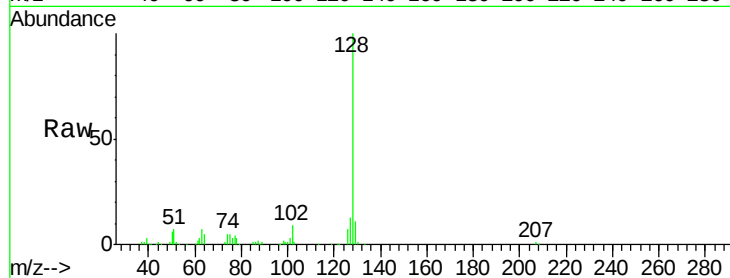




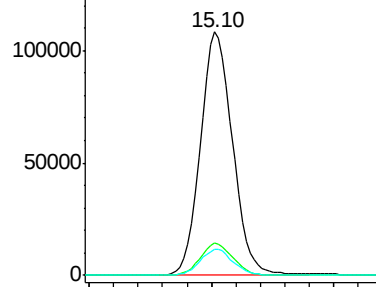
#91
Naphthalene
Concen: 16.477 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

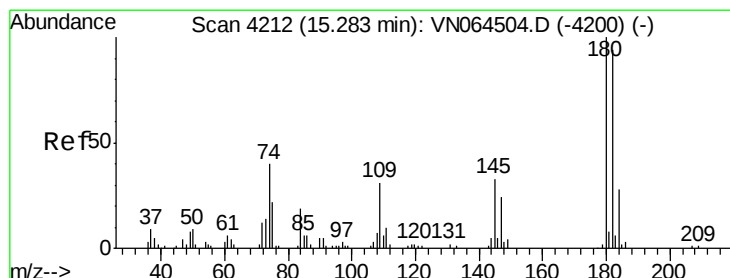
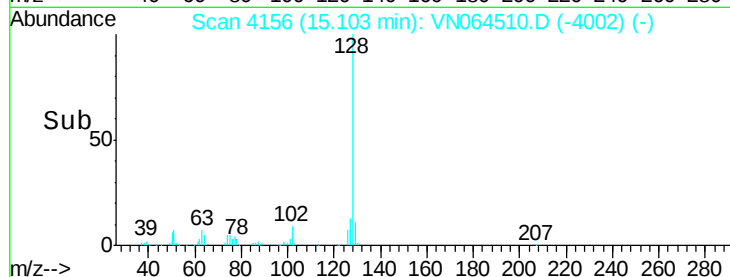
Tot Ion:128 Resp: 198486
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.9 8.5 12.7



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

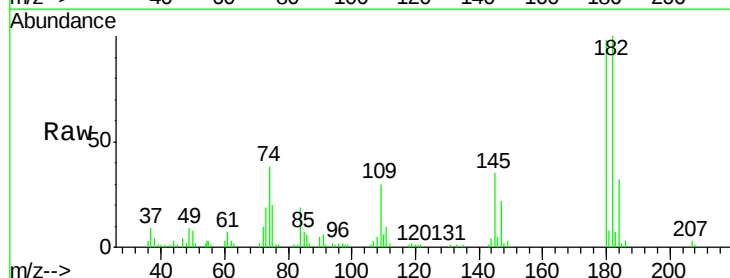


Time--> 15.00 15.10 15.20

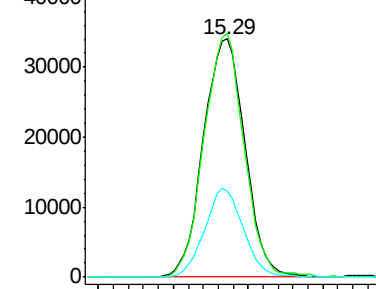


#92
1,2,3-Trichlorobenzene
Concen: 17.885 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064510.D
Acq: 9 Nov 2020 16:43

Tgt Ion:180 Resp: 65908
Ion Ratio Lower Upper
180 100
182 97.4 0.0 186.0
145 34.3 0.0 69.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V



Time--> 15.20 15.25 15.30 15.35

