

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064514.D
 Acq On : 9 Nov 2020 18:22
 Operator : JC/MD
 Sample : VN1109WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

Quant Time: Nov 10 03:19:04 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	60287	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	323161	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	301243	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	169428	31.75	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.83%
60) 4-Bromofluorobenzene	12.38	95	153990	29.84	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.47%
63) Toluene-d8	10.06	98	426469	30.36	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	82356	20.397	ug/l 98
3) Chloromethane	2.04	50	97456	21.153	ug/l 98
4) Vinyl Chloride	2.17	62	101760	20.385	ug/l 98
5) Bromomethane	2.54	94	62554	19.147	ug/l 94
6) Chloroethane	2.68	64	65875	21.132	ug/l 99
7) Trichlorofluoromethane	2.99	101	157257	21.755	ug/l 95
8) Diethyl Ether	3.38	74	52620	20.383	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	70512	20.726	ug/l # 49
10) 1,1-Dichloroethene	3.70	96	65856	20.235	ug/l 99
11) Methyl Iodide	3.91	142	79391	19.787	ug/l 95
12) Methyl Acetate	4.28	43	76902	19.381	ug/l 96
13) Acrolein	3.57	56	55444	138.171	ug/l 96
14) Acrylonitrile	4.94	53	164349	93.127	ug/l 98
15) Acetone	3.78	58	47298	81.210	ug/l 95
16) Carbon Disulfide	4.01	76	197885	20.036	ug/l 99
17) Allyl chloride	4.28	41	123294	20.163	ug/l 94
18) Methylene Chloride	4.51	84	78724	20.371	ug/l 94
19) trans-1,2-Dichloroethene	4.99	96	71569	19.403	ug/l 99
20) Diisopropyl ether	5.91	45	265854	19.968	ug/l 93
21) 1,1-Dichloroethane	5.80	63	151222	20.654	ug/l 98
22) cis-1,2-Dichloroethene	6.79	96	83963	20.085	ug/l 96
23) tert-Butyl Alcohol	4.76	59	51207	84.741	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	225686	19.605	ug/l # 71
25) Chloroform	7.33	83	157744	20.502	ug/l 100
26) Cyclohexane	7.61	56	110273	19.508	ug/l # 95
29) 1,1-Dichloropropene	7.75	75	114377	20.395	ug/l 97
30) 2-Butanone	6.80	43	237026	85.381	ug/l # 82
31) 2,2-Dichloropropane	6.79	77	130484	19.588	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	141663	20.594	ug/l 99
33) Carbon Tetrachloride	7.73	117	127230	20.711	ug/l 96
34) Benzene	8.00	78	325742	20.060	ug/l 98
35) Methacrylonitrile	7.13	41	43444	16.728	ug/l 94
36) 1,2-Dichloroethane	8.09	62	135368	20.314	ug/l 100
37) Trichloroethene	8.80	130	82858	20.181	ug/l 98
38) Methylcyclohexane	9.05	83	97124	19.147	ug/l 99
39) 1,2-Dichloropropane	9.08	63	89616	20.539	ug/l 98
40) Dibromomethane	9.17	93	59799	20.316	ug/l 98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

Quant Time: Nov 10 03:19:04 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)
41) Bromodichloromethane	9.37	83	128348	20.119	ug/l	98
42) Vinyl Acetate	5.85	43	1068079	96.104	ug/l	99
43) Ethyl Acetate	6.89	43	92285	17.084	ug/l	97
44) Isopropyl Acetate	8.13	43	176110	18.887	ug/l	99
45) 1,4-Dioxane	9.17	88	20992	321.143	ug/l	96
46) Methyl methacrylate	9.17	41	88936	19.178	ug/l	98
47) n-amyl Acetate	12.05	43	140289	17.392	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	132428	19.589	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	140652	19.801	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	80956	20.061	ug/l	97
51) Ethyl methacrylate	10.40	69	105402	18.227	ug/l	97
52) 1,3-Dichloropropane	10.68	76	137800	19.877	ug/l	99
53) Dibromochloromethane	10.87	129	90609	19.606	ug/l	97
54) 1,2-Dibromoethane	10.98	107	81302	19.697	ug/l	99
55) 2-Chloroethyl vinyl ether	9.67	63	253659	83.819	ug/l	99
56) Bromoform	12.10	173	57879	19.084	ug/l #	98
58) 4-Methyl-2-Pentanone	9.96	43	518400	93.709	ug/l	99
59) 2-Hexanone	10.72	43	365049	87.612	ug/l	100
61) Tetrachloroethene	10.60	164	78009	20.717	ug/l	98
62) Toluene	10.13	91	356598	20.157	ug/l	99
64) Chlorobenzene	11.41	112	212235	20.182	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	83947	20.420	ug/l	99
66) Ethyl Benzene	11.49	91	379453	19.874	ug/l	99
67) m/p-Xylenes	11.60	106	274128	38.900	ug/l	95
68) o-Xylene	11.92	106	130076	19.505	ug/l	93
69) Styrene	11.94	104	223918	19.606	ug/l	100
70) Isopropylbenzene	12.23	105	347174	19.889	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	109075	19.513	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	145220	26.049	ug/l	65
73) Bromobenzene	12.50	156	84303	19.524	ug/l	99
74) n-propylbenzene	12.57	91	409508	19.945	ug/l	100
75) 2-Chlorotoluene	12.65	91	258987	20.062	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	289837	19.670	ug/l	96
77) t-1,4-Dichloro-2-butene	12.27	75	34007	16.731	ug/l	87
78) 4-Chlorotoluene	12.75	91	263991	19.462	ug/l	99
79) tert-butylbenzene	12.97	119	230330	19.918	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	292676	19.710	ug/l	99
81) sec-Butylbenzene	13.15	105	295182	19.257	ug/l	100
82) p-Isopropyltoluene	13.26	119	267443	19.530	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	146867	19.334	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	141525	18.732	ug/l	99
85) n-Butylbenzene	13.59	91	221907	18.691	ug/l	100
86) Hexachloroethane	13.85	117	52861	19.371	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	146534	19.806	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	20842	17.258	ug/l	94
89) 1,2,4-Trichlorobenzene	14.88	180	57798	17.206	ug/l	98
90) Hexachlorobutadiene	14.98	225	33597	20.081	ug/l	96
91) Naphthalene	15.10	128	173558	15.618	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	60257	17.725	ug/l	100

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

Quant Time: Nov 10 03:19:04 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
Response via : Initial Calibration

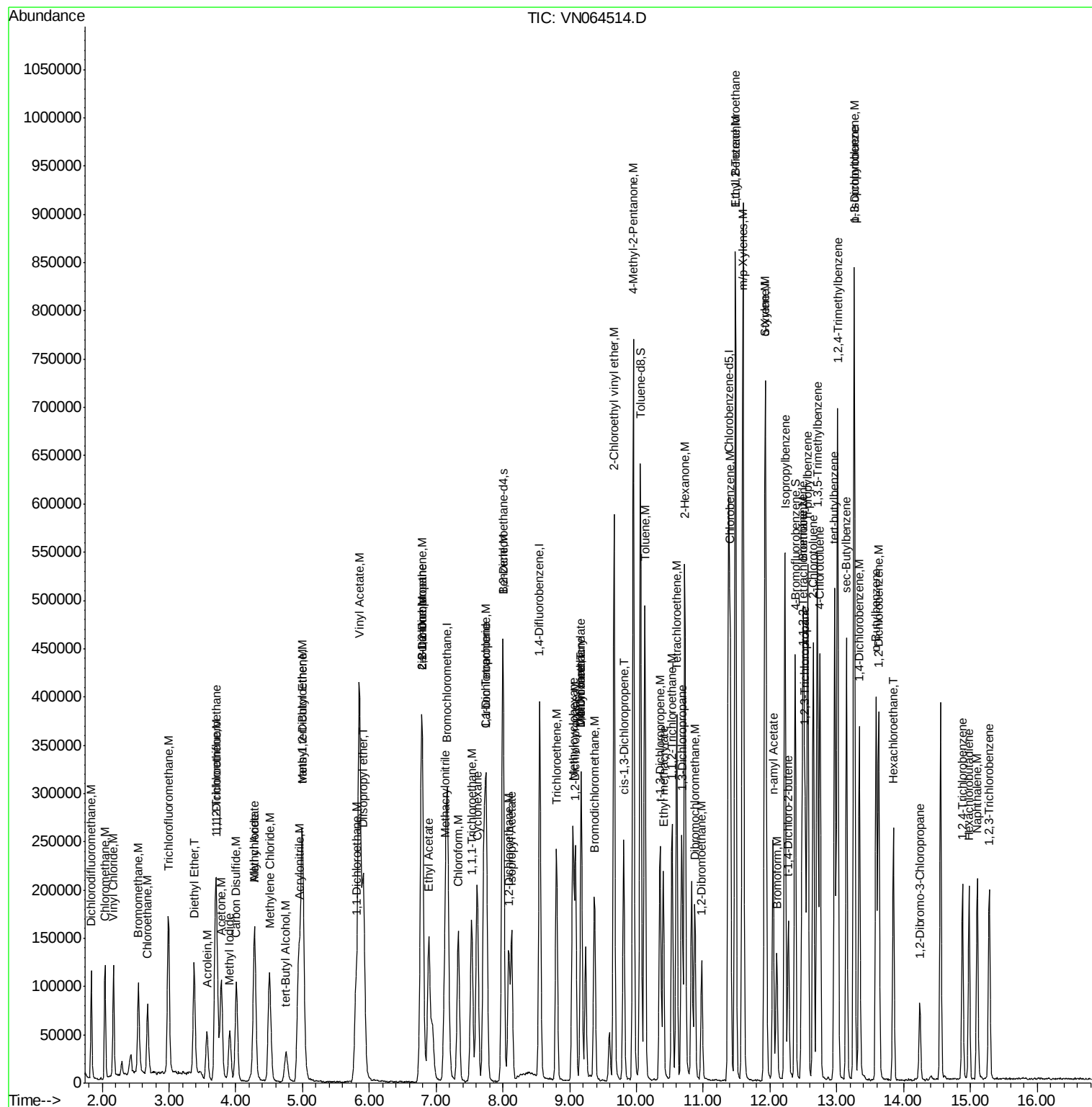
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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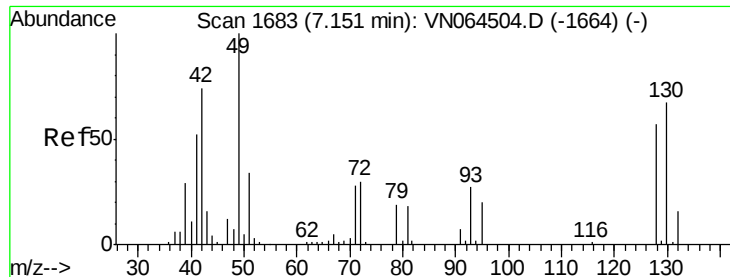
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 10 03:19:04 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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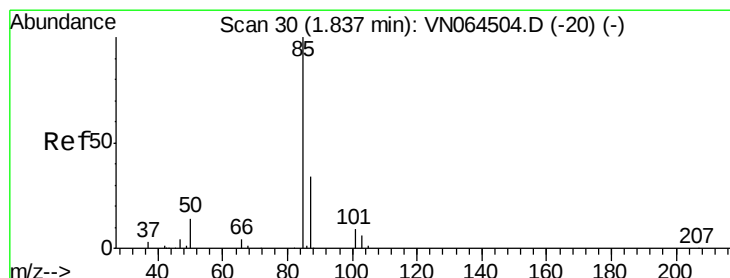
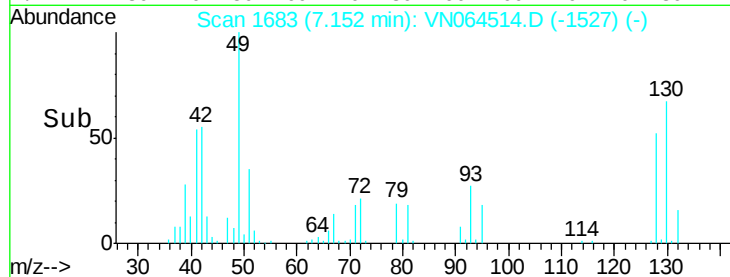
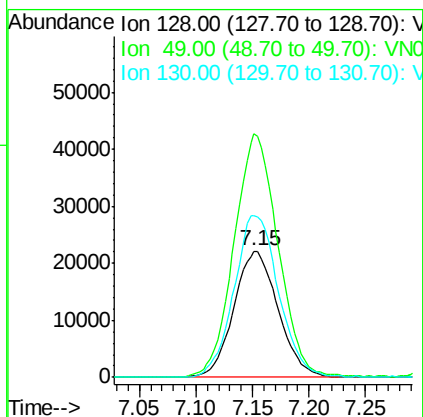
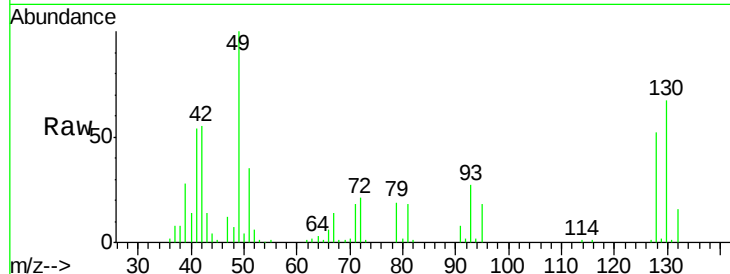




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

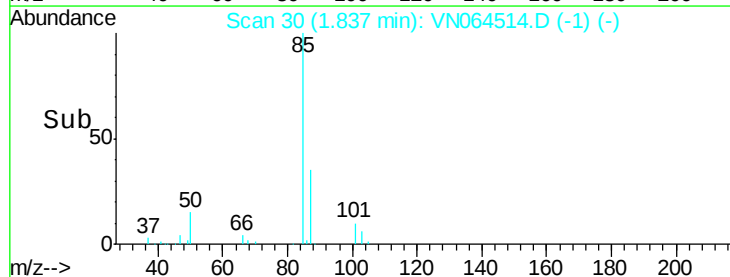
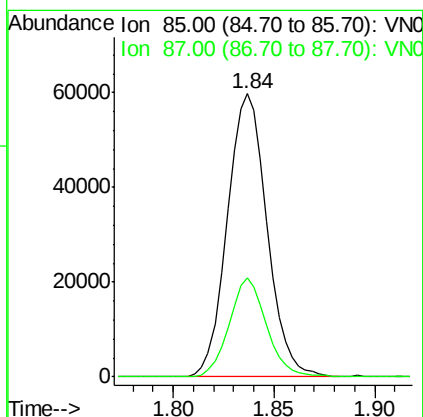
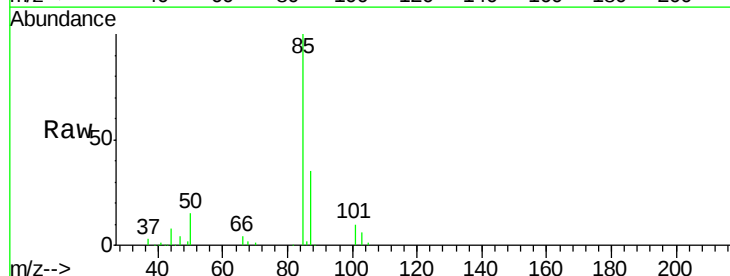
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

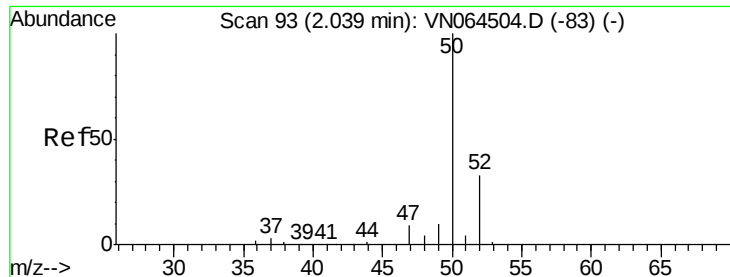
Tot Ion:128 Resp: 60287
Ion Ratio Lower Upper
128 100
49 190.6 0.0 475.5
130 129.1 0.0 315.3



#2
Dichlorodifluoromethane
Concen: 20.397 ug/l
RT: 1.84 min Scan# 30
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 85 Resp: 82356
Ion Ratio Lower Upper
85 100
87 34.8 17.0 50.9





#3

Chloromethane

Concen: 21.153 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

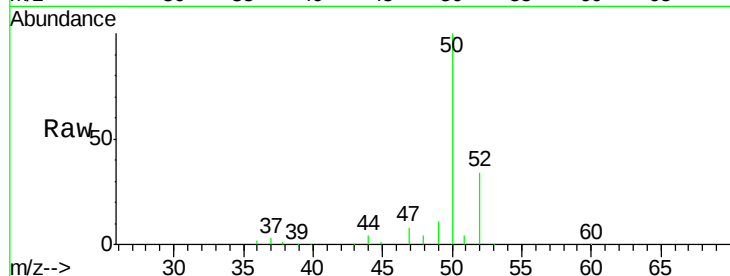
VN1109WBSD01

Tot Ion: 50 Resp: 97456

Ion Ratio Lower Upper

50 100

52 33.8 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.04

80000

60000

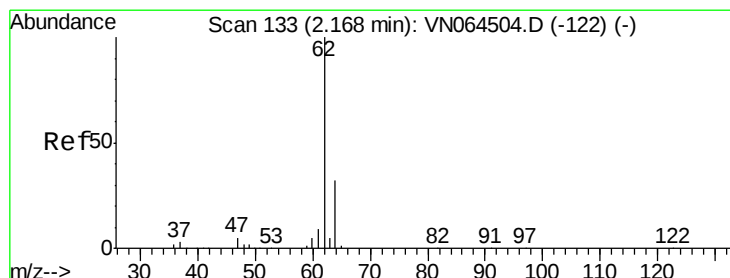
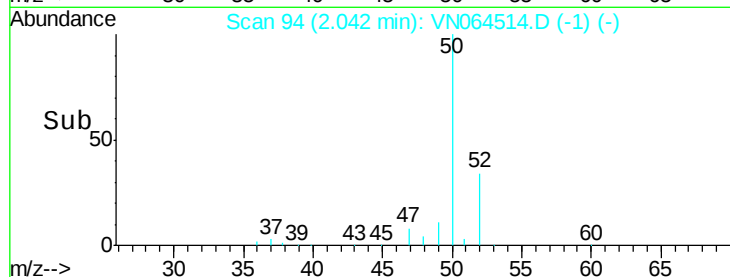
40000

20000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 20.385 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064514.D

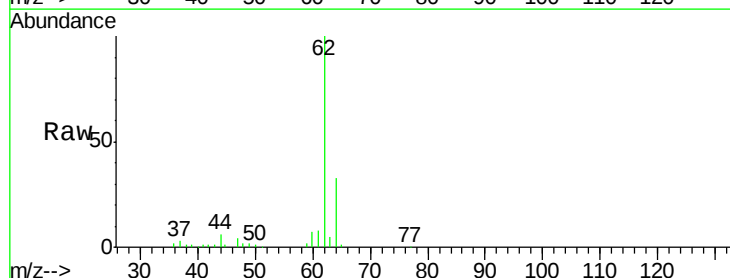
Acq: 9 Nov 2020 18:22

Tgt Ion: 62 Resp: 101760

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.17

80000

60000

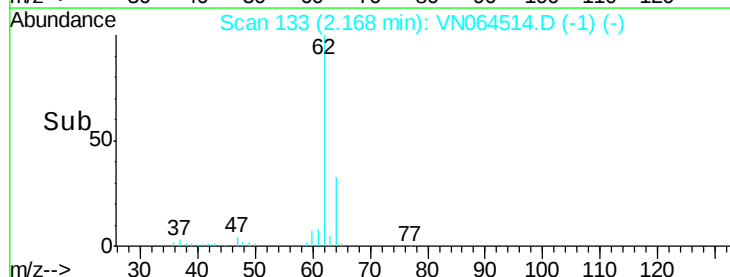
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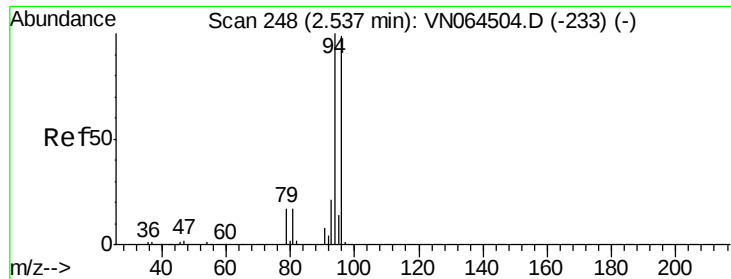
20000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 19.147 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

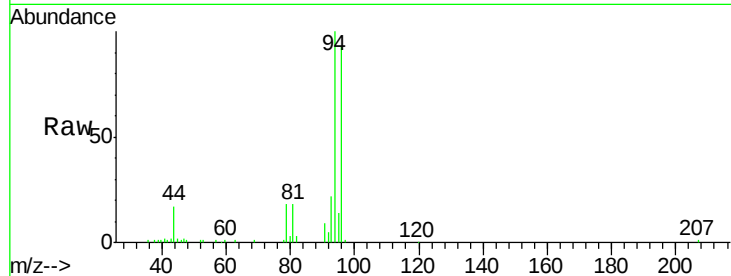
VN1109WBSD01

Tot Ion: 94 Resp: 62554

Ion Ratio Lower Upper

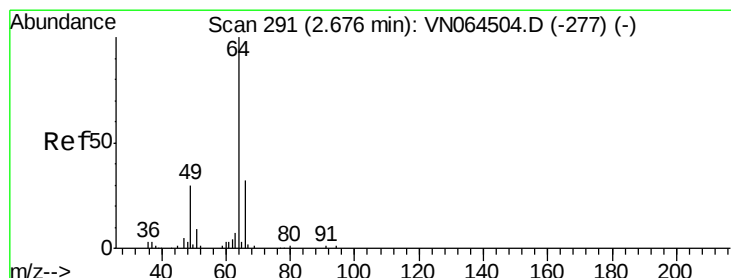
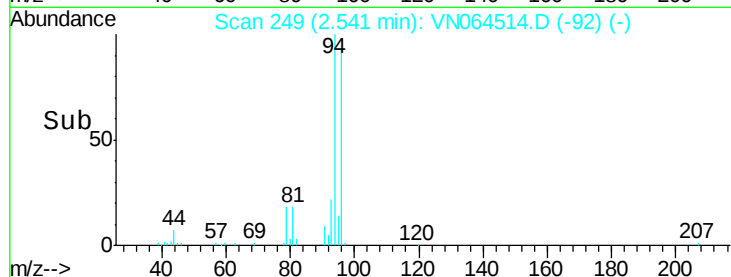
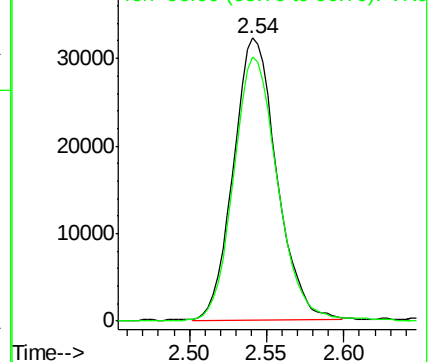
94 100

96 93.3 79.3 118.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.132 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064514.D

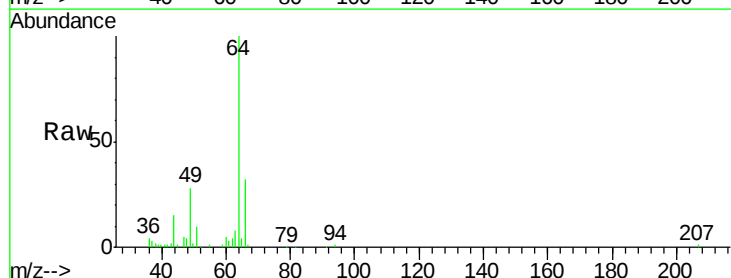
Acq: 9 Nov 2020 18:22

Tgt Ion: 64 Resp: 65875

Ion Ratio Lower Upper

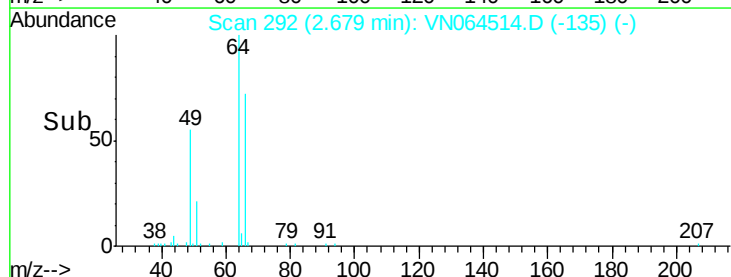
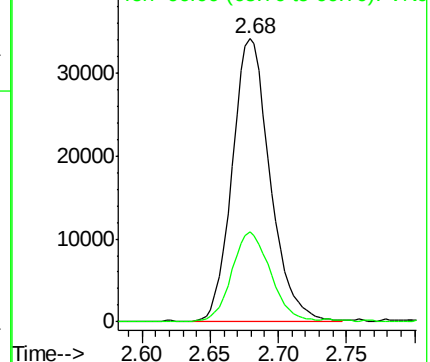
64 100

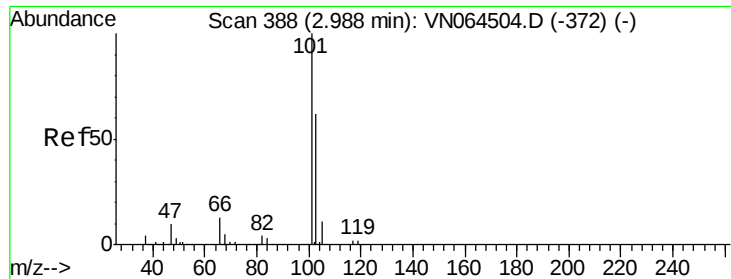
66 32.0 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



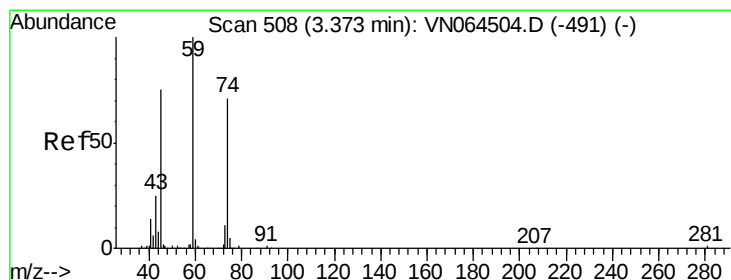
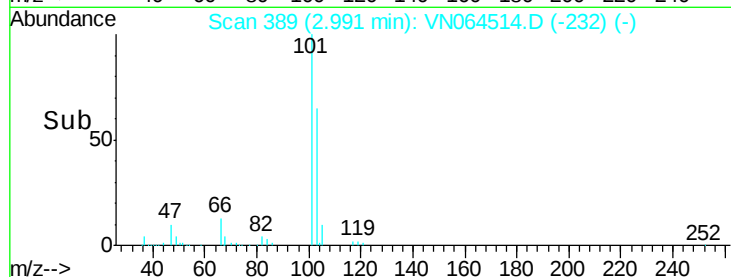
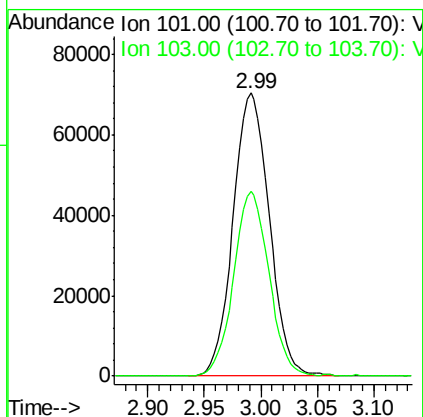
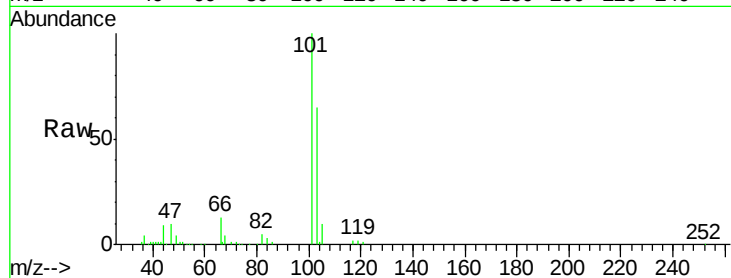


#7

Trichlorofluoromethane
Concen: 21.755 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

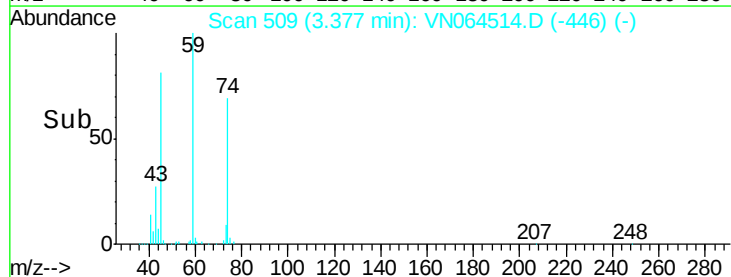
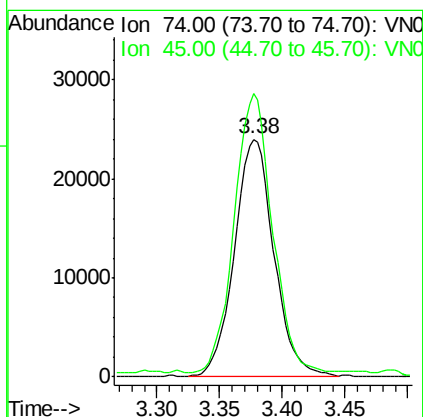
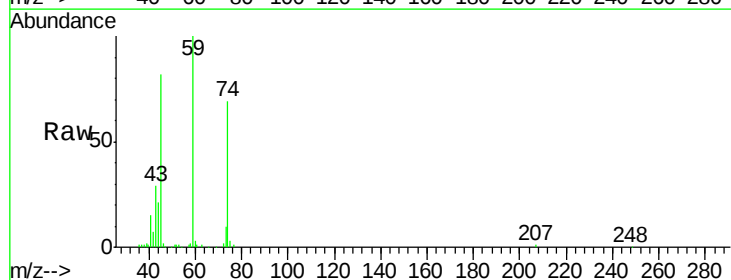
Tot Ion:101 Resp: 157257
Ion Ratio Lower Upper
101 100
103 65.4 49.3 73.9

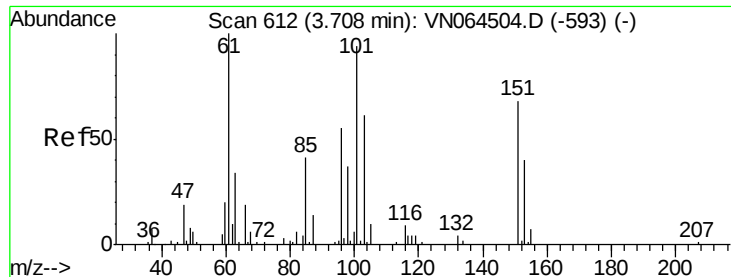


#8

Diethyl Ether
Concen: 20.383 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 74 Resp: 52620
Ion Ratio Lower Upper
74 100
45 113.4 22.1 198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.726 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

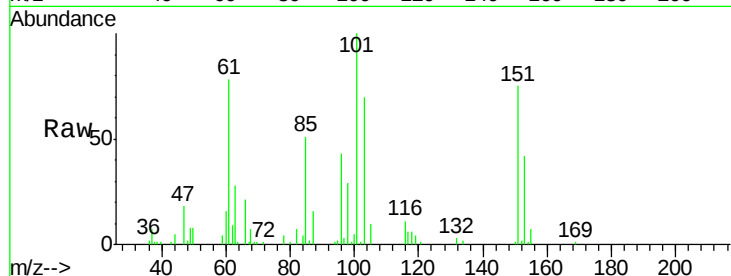
Tot Ion:101 Resp: 70512

Ion Ratio Lower Upper

101 100

85 49.1 0.0 49.0#

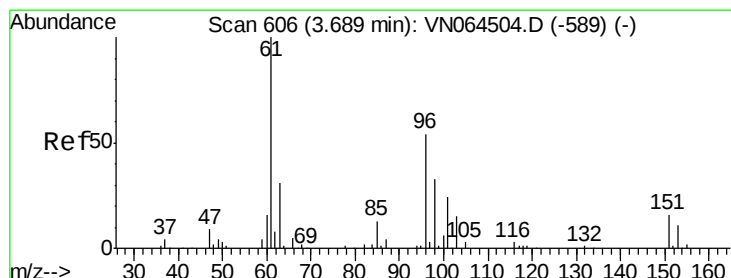
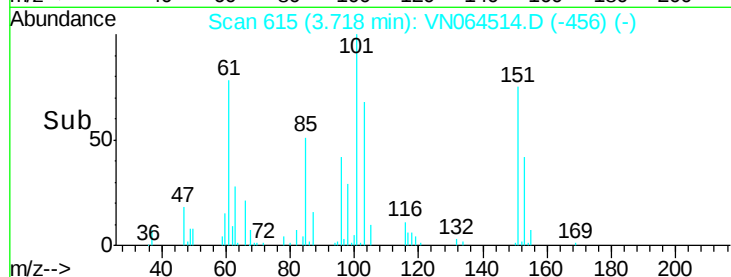
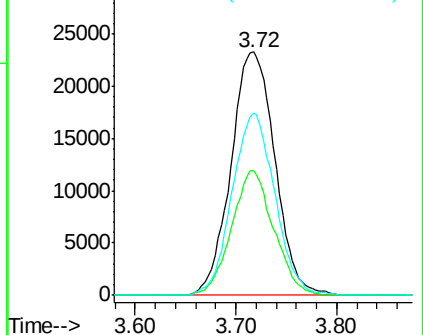
151 72.6 0.0 80.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.235 ug/l

RT: 3.70 min Scan# 608

Delta R.T. 0.01 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

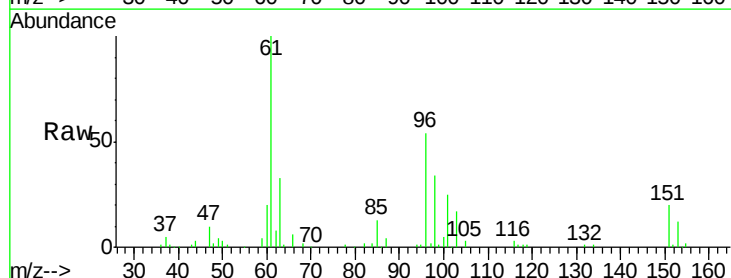
Tgt Ion: 96 Resp: 65856

Ion Ratio Lower Upper

96 100

61 184.3 149.2 223.8

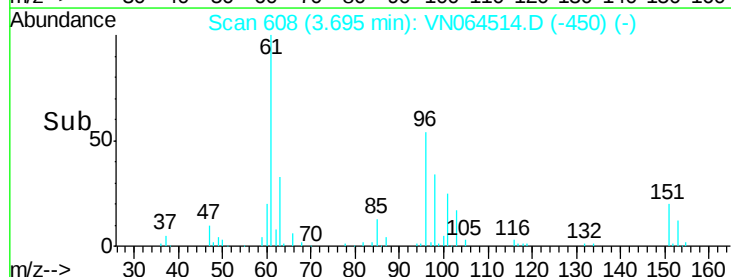
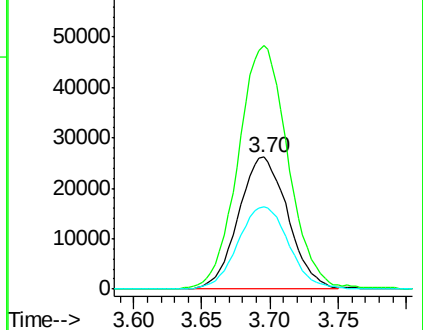
98 62.7 49.6 74.4

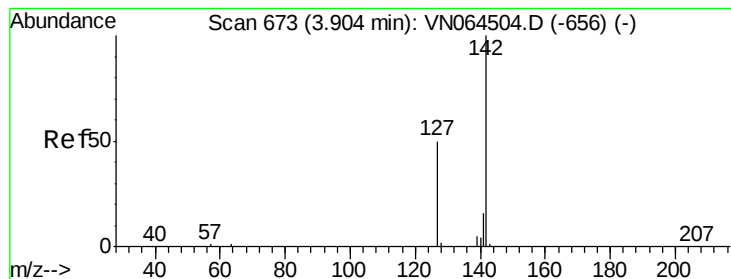


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN





#11

Methvl Iodide

Concen: 19.787 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

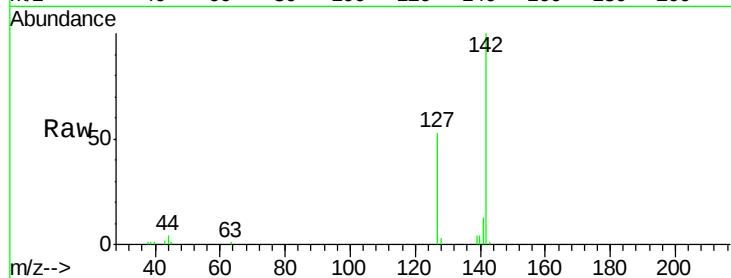
Tot Ion:142 Resp: 79391

Ion Ratio Lower Upper

142 100

127 52.5 24.7 74.1

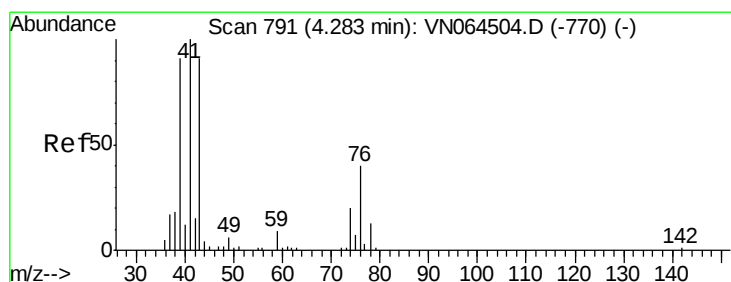
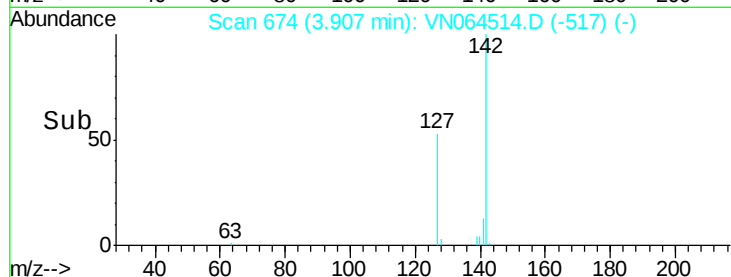
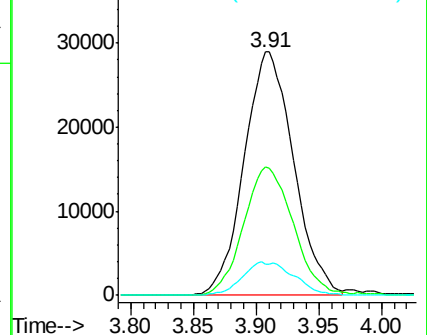
141 13.1 7.8 23.3



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.381 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064514.D

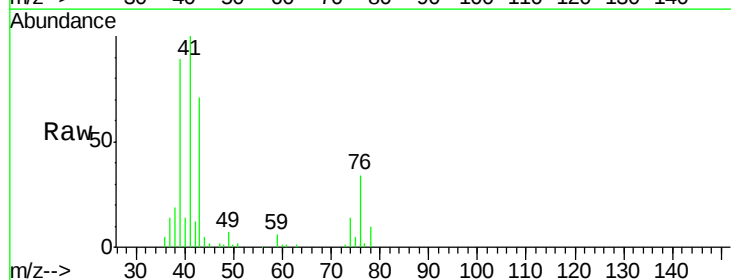
Acq: 9 Nov 2020 18:22

Tgt Ion: 43 Resp: 76902

Ion Ratio Lower Upper

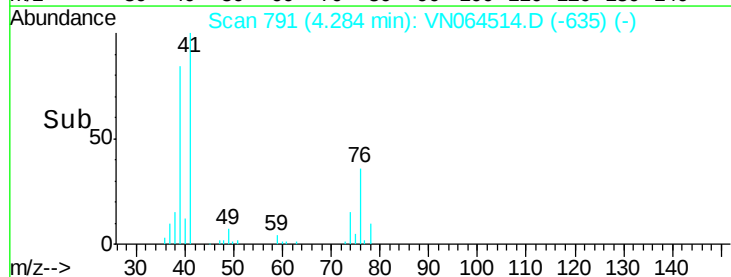
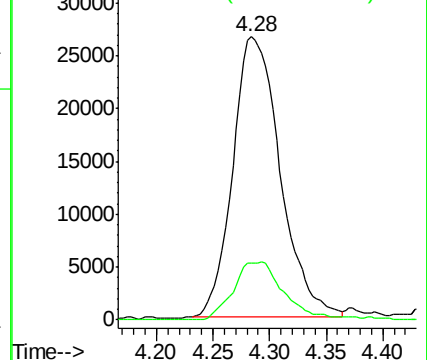
43 100

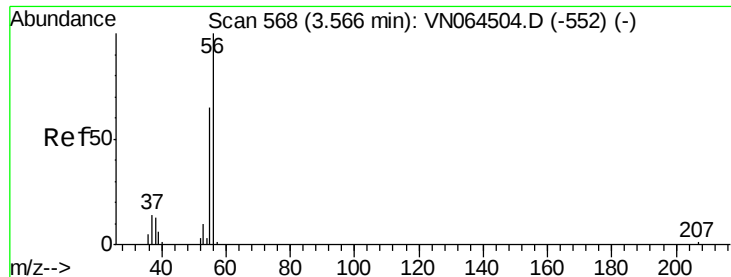
74 20.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 138.171 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

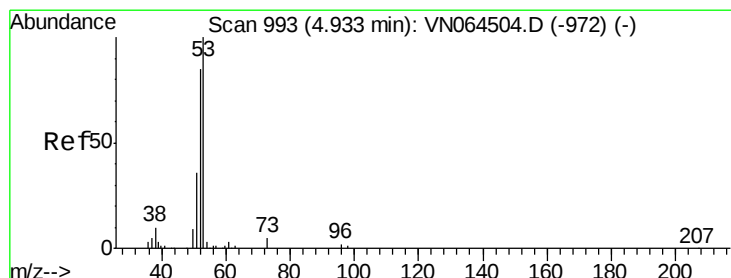
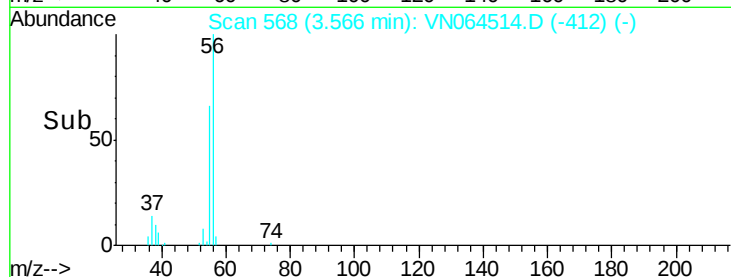
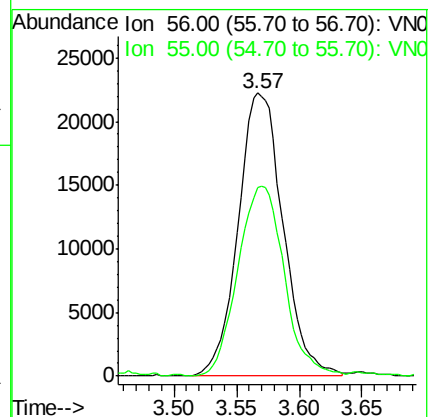
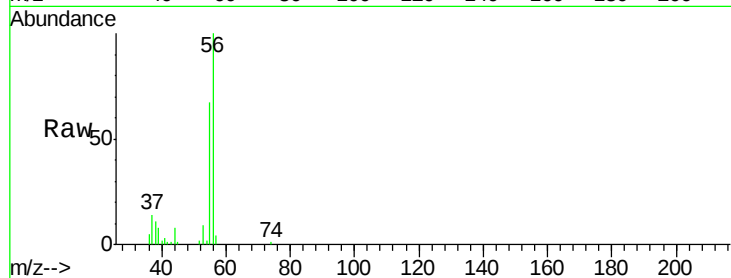
VN1109WBSD01

Tot Ion: 56 Resp: 55444

Ion Ratio Lower Upper

56 100

55 69.0 58.2 87.2



#14

Acrylonitrile

Concen: 93.127 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

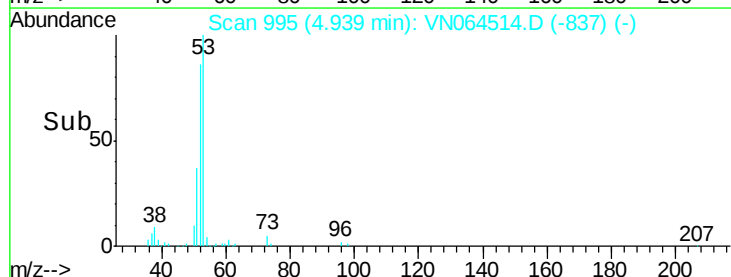
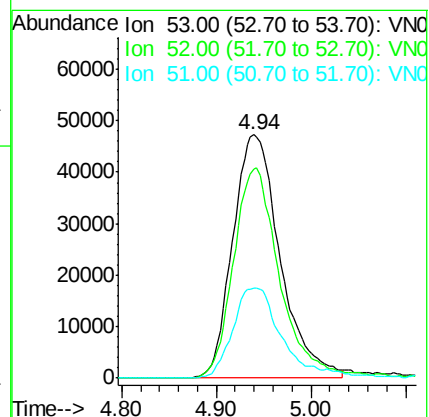
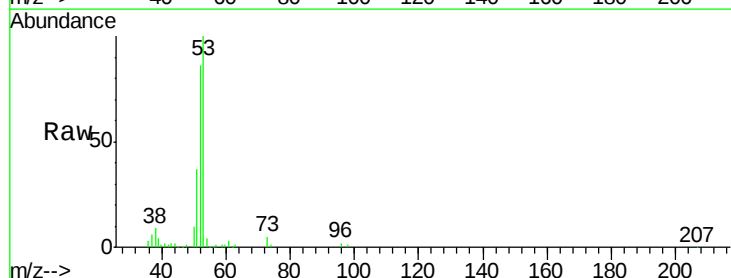
Tgt Ion: 53 Resp: 164349

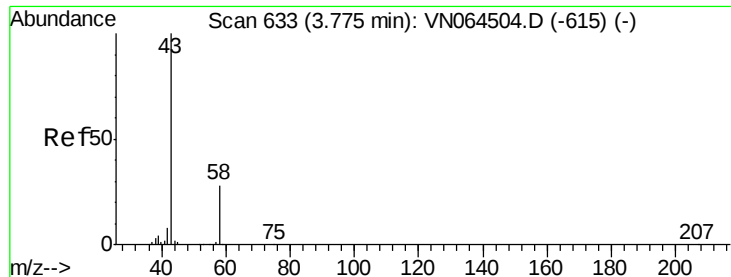
Ion Ratio Lower Upper

53 100

52 83.4 41.3 124.1

51 35.8 18.9 56.5





#15

Acetone

Concen: 81.210 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

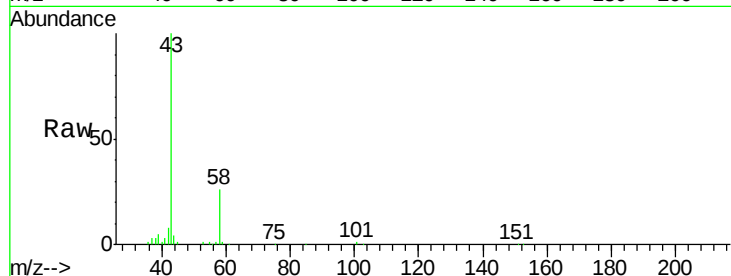
VN1109WBSD01

Tot Ion: 58 Resp: 47298

Ion Ratio Lower Upper

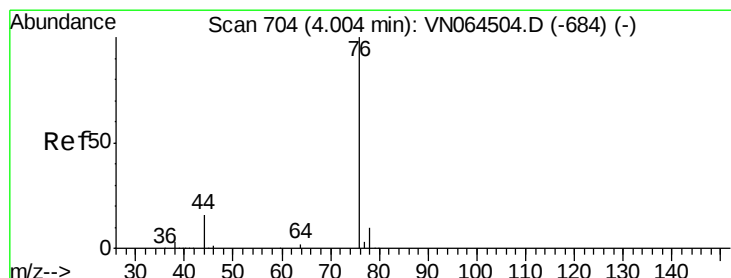
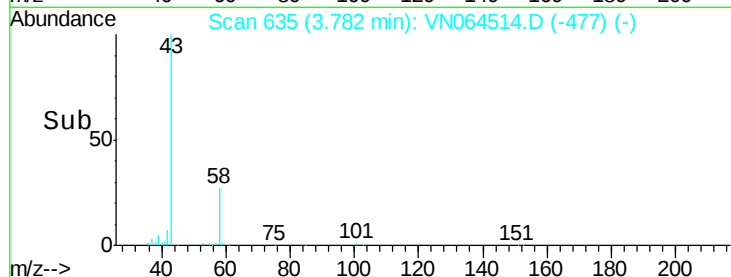
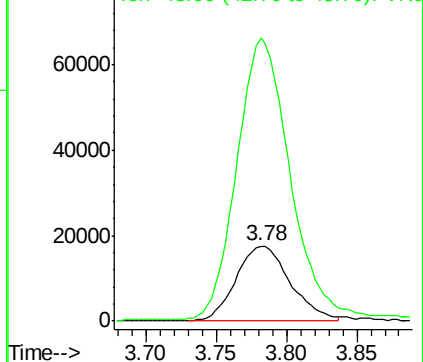
58 100

43 374.5 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.036 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064514.D

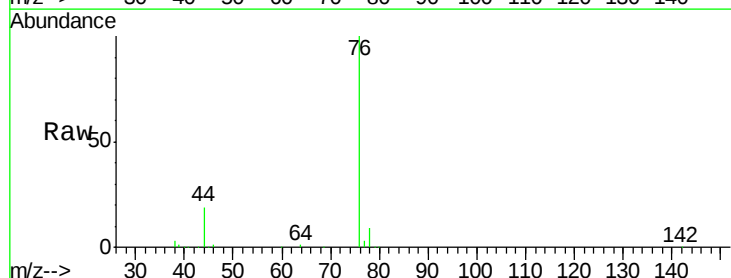
Acq: 9 Nov 2020 18:22

Tgt Ion: 76 Resp: 197885

Ion Ratio Lower Upper

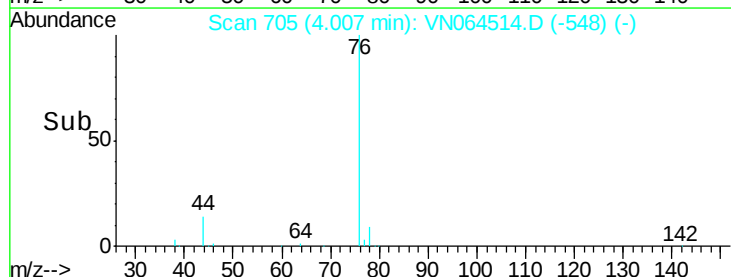
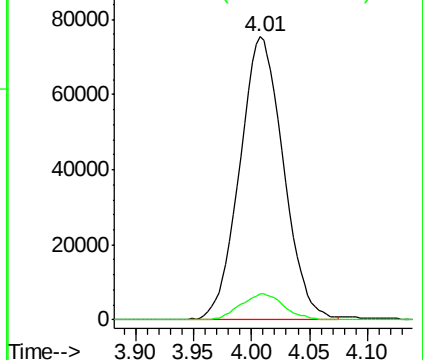
76 100

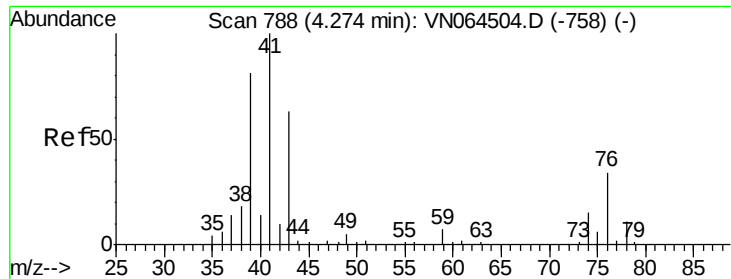
78 9.2 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

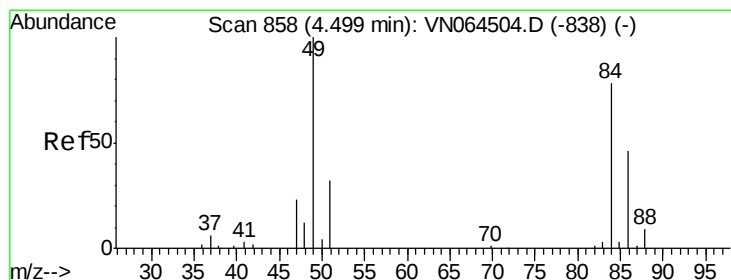
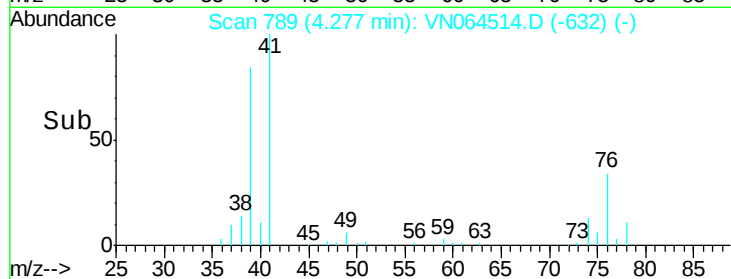
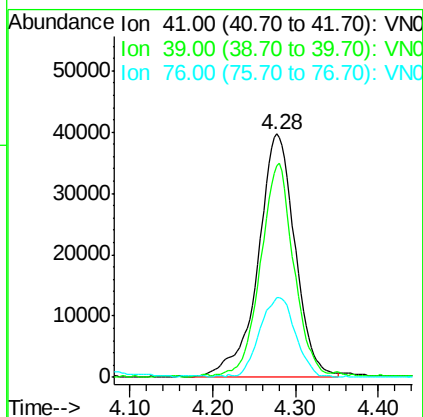
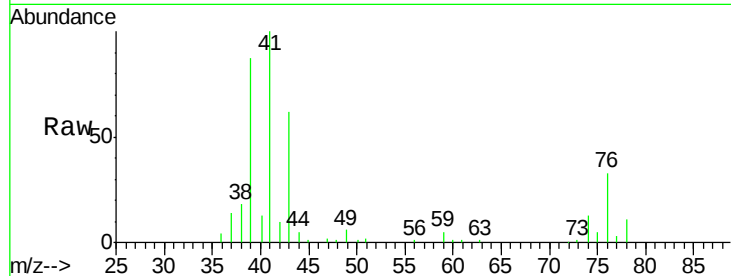




#17
Allvl chloride
Concen: 20.163 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

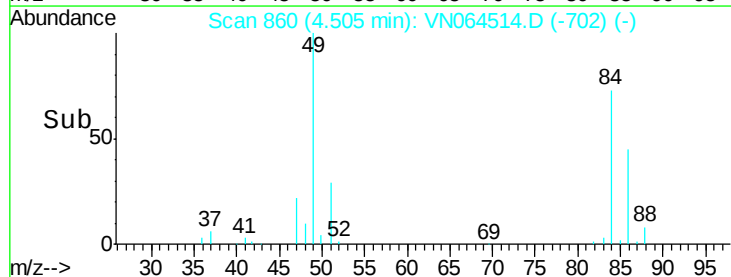
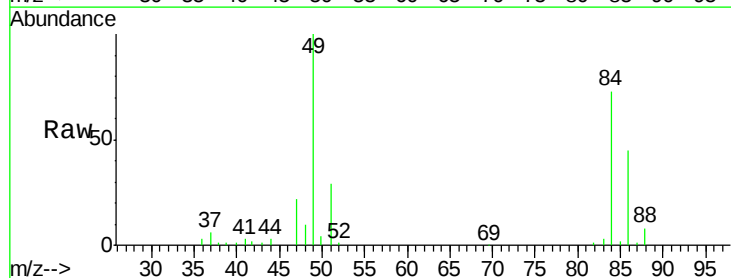
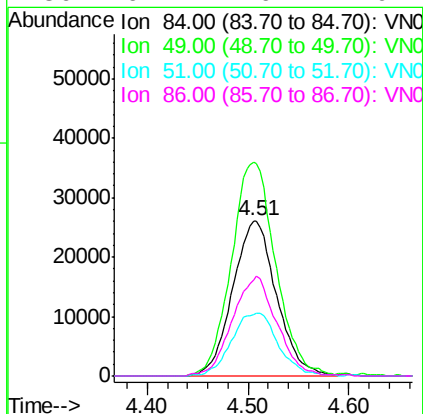
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

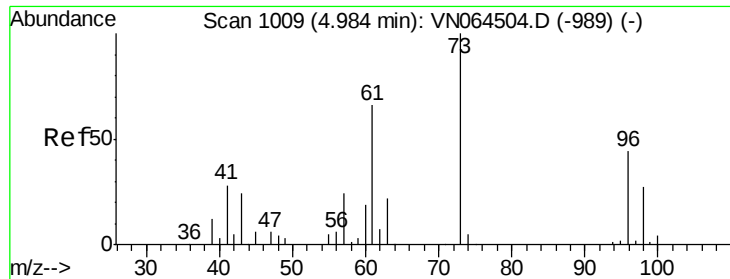
Tot Ion: 41 Resp: 123294
Ion Ratio Lower Upper
41 100
39 87.1 40.3 120.8
76 32.6 16.8 50.3



#18
Methylene Chloride
Concen: 20.371 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 84 Resp: 78724
Ion Ratio Lower Upper
84 100
49 137.1 102.1 153.1
51 39.3 32.6 48.8
86 61.4 46.7 70.1

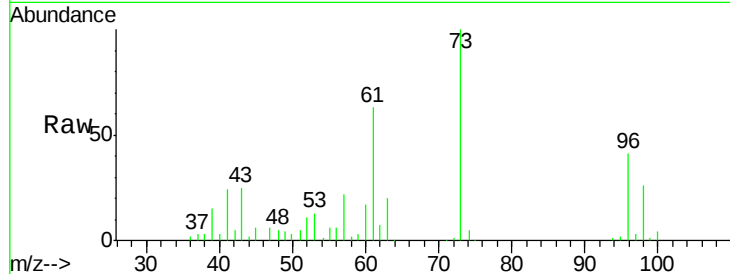




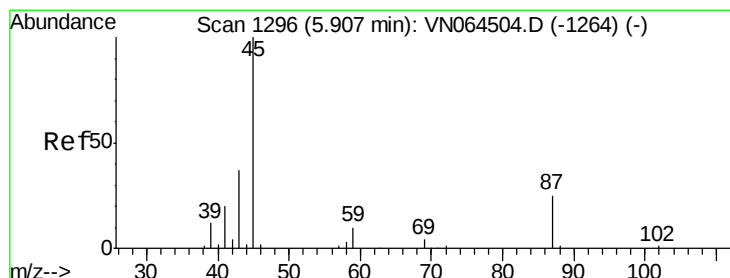
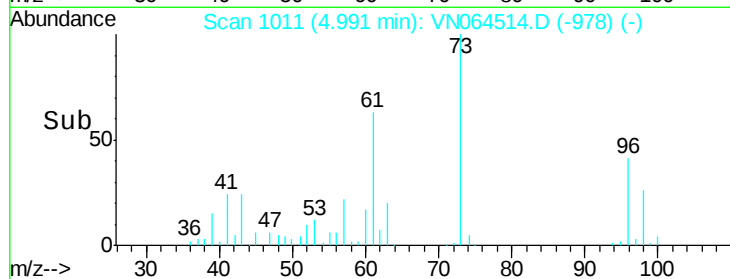
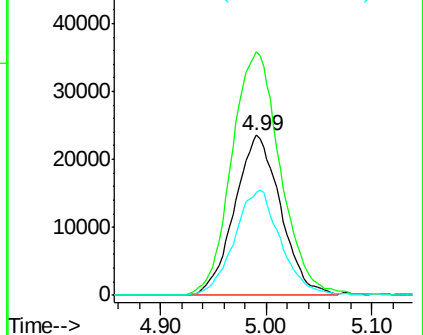
#19
trans-1,2-Dichloroethene
Concen: 19.403 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

Tot Ion: 96 Resp: 71569
Ion Ratio Lower Upper
96 100
61 151.0 120.1 180.1
98 63.9 49.1 73.7

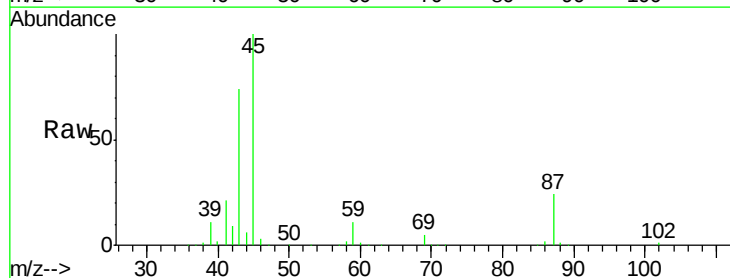


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

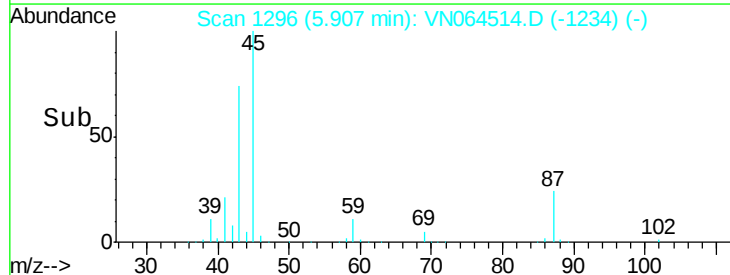
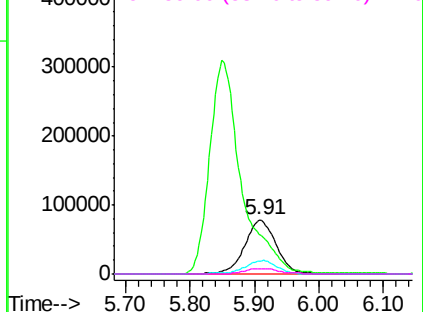


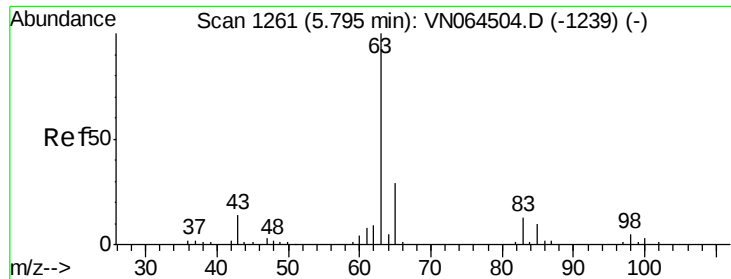
#20
Diisopropyl ether
Concen: 19.968 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 45 Resp: 265854
Ion Ratio Lower Upper
45 100
43 72.8 53.1 79.7
87 23.6 21.0 31.6
59 10.7 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

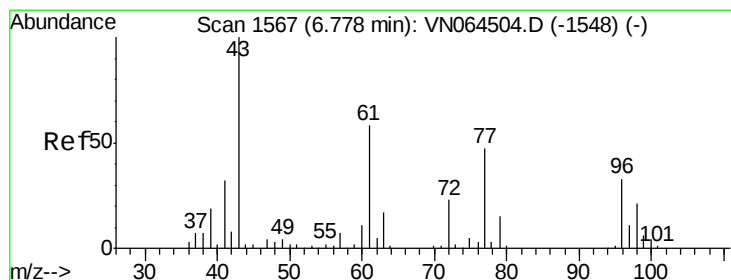
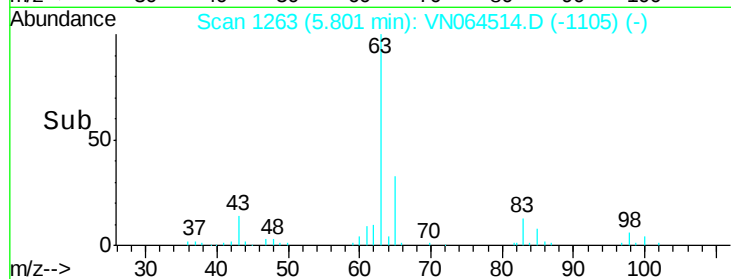
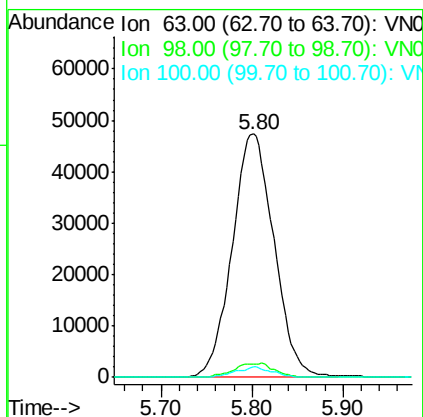
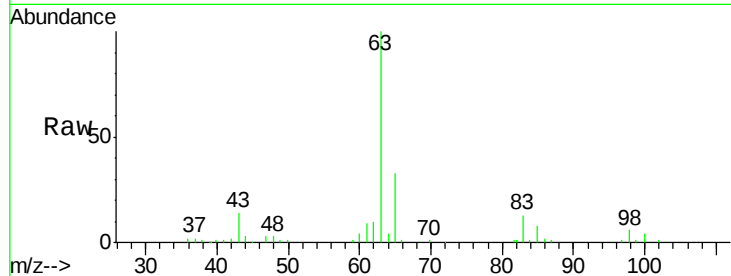




#21
 1,1-Dichloroethane
 Concen: 20.654 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

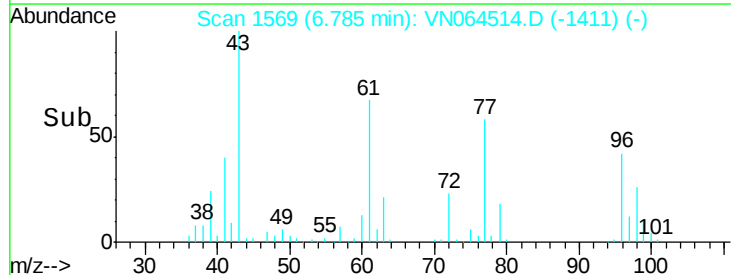
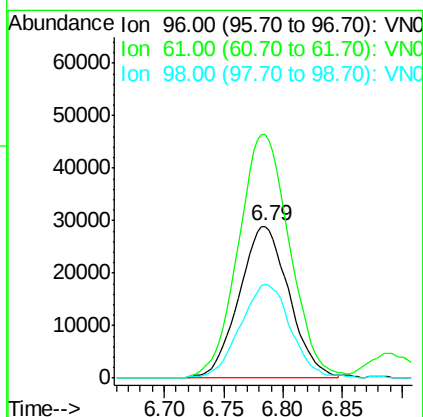
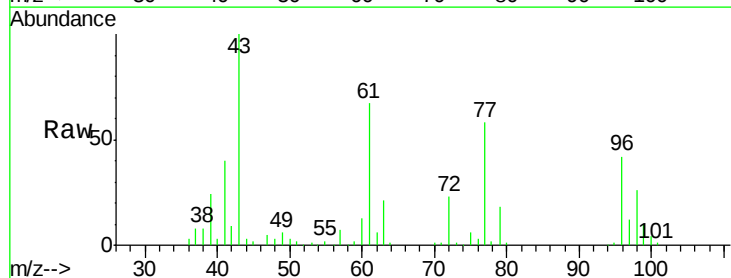
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

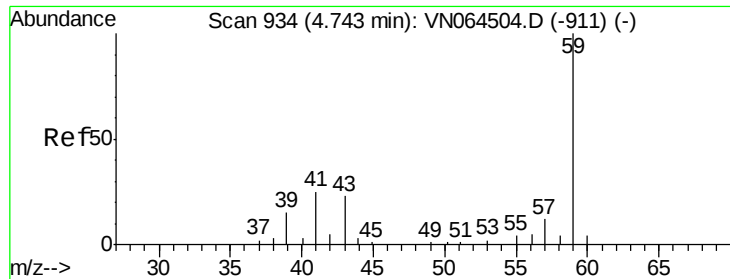
Tot Ion: 63 Resp: 151222
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.6 8.0
 100 4.3 1.7 5.1



#22
 cis-1,2-Dichloroethene
 Concen: 20.085 ug/l
 RT: 6.79 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion: 96 Resp: 83963
 Ion Ratio Lower Upper
 96 100
 61 165.3 136.1 204.1
 98 62.0 51.8 77.8

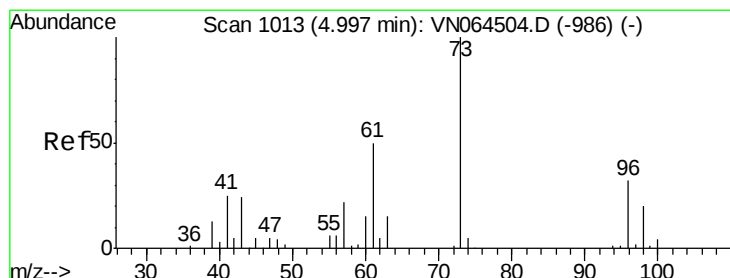
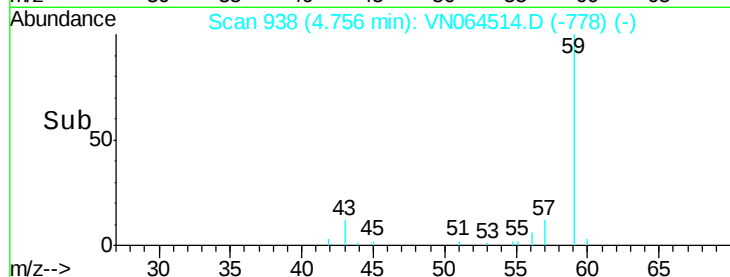
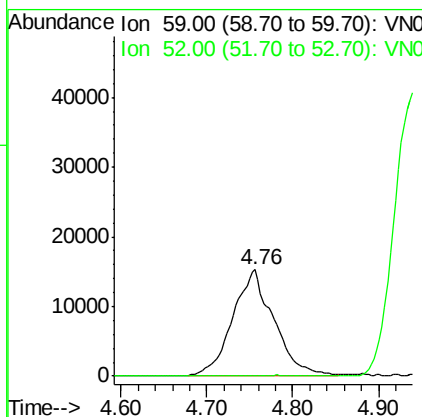
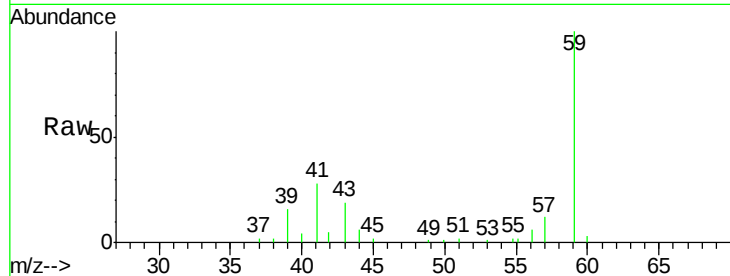




#23
tert-Butyl Alcohol
Concen: 84.741 ug/l
RT: 4.76 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

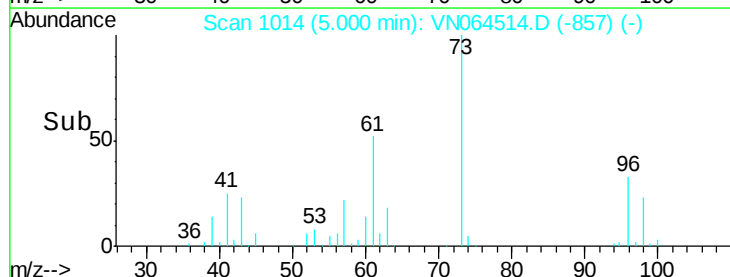
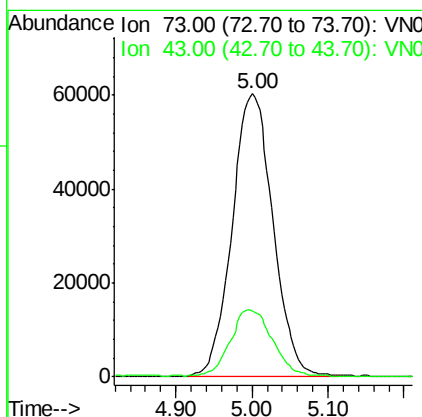
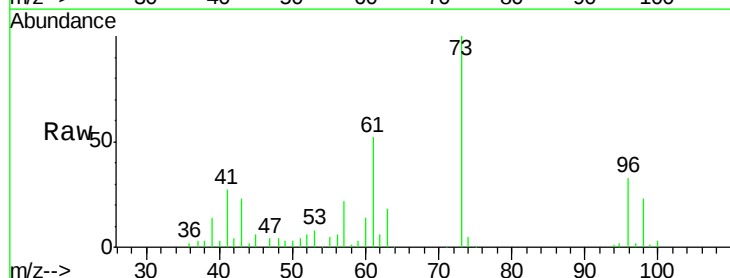
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

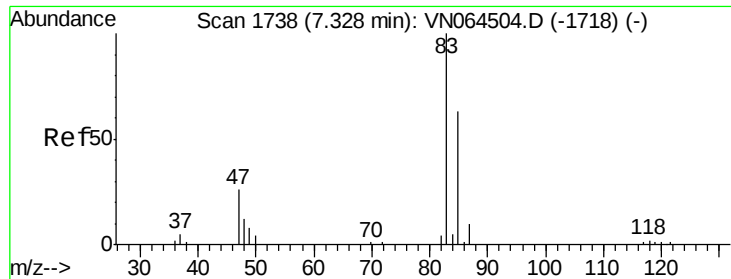
Tot Ion: 59 Resp: 51207
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.605 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 73 Resp: 225686
Ion Ratio Lower Upper
73 100
43 24.1 10.2 15.2#

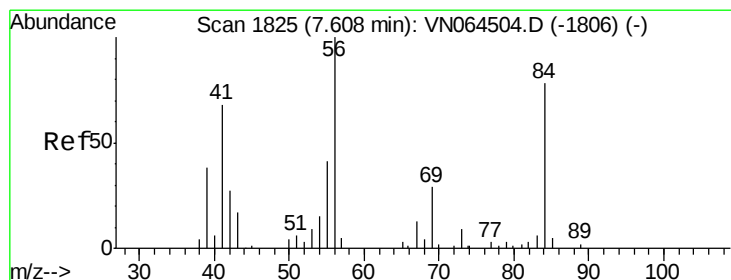
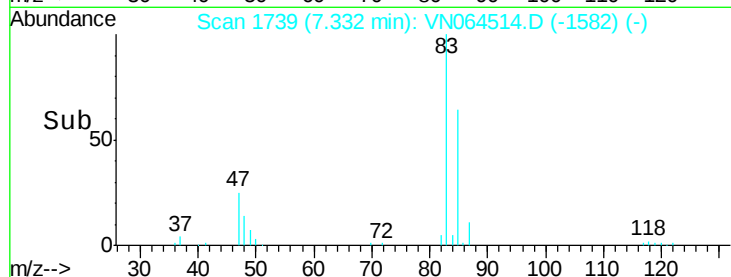
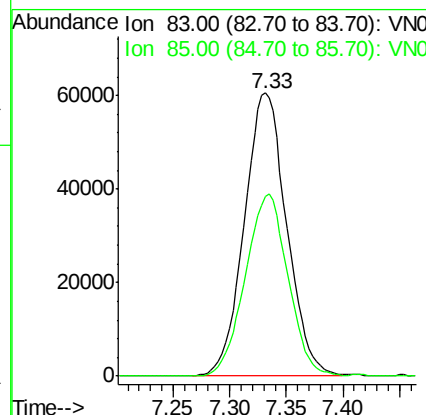
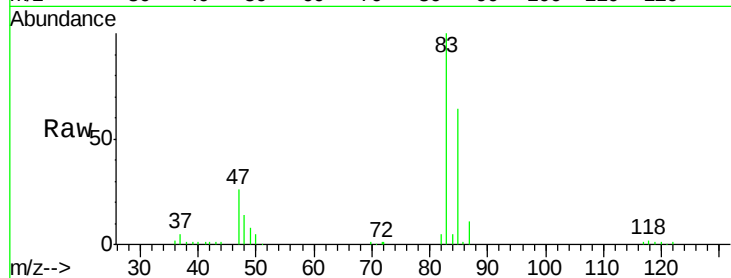




#25
Chloroform
Concen: 20.502 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

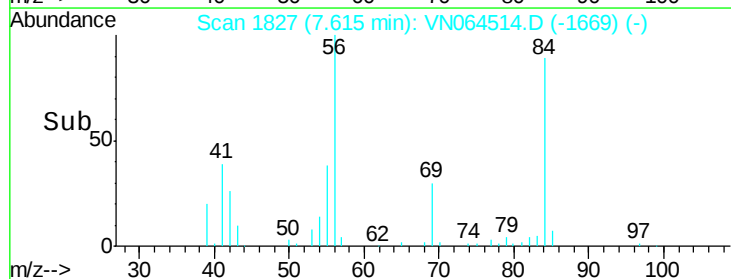
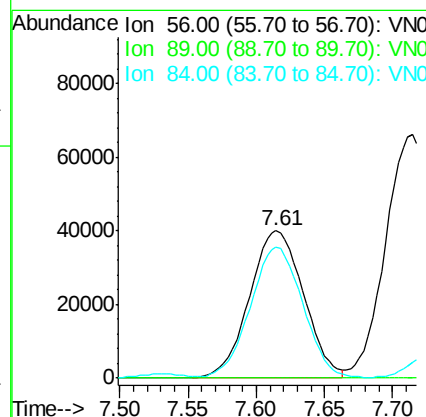
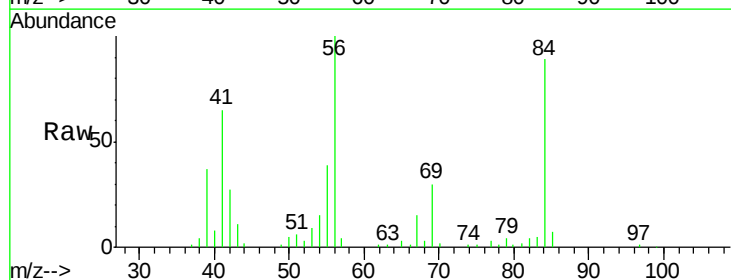
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

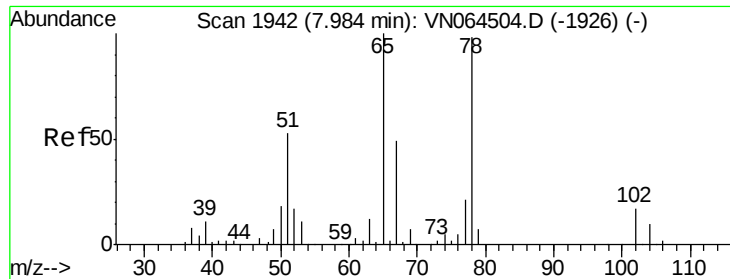
Tot Ion: 83 Resp: 157744
Ion Ratio Lower Upper
83 100
85 63.5 50.6 75.8



#26
Cyclohexane
Concen: 19.508 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 56 Resp: 110273
Ion Ratio Lower Upper
56 100
89 0.0 0.6 0.8#
84 86.8 66.1 99.1

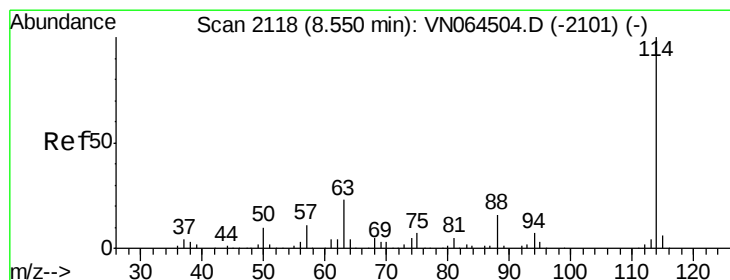
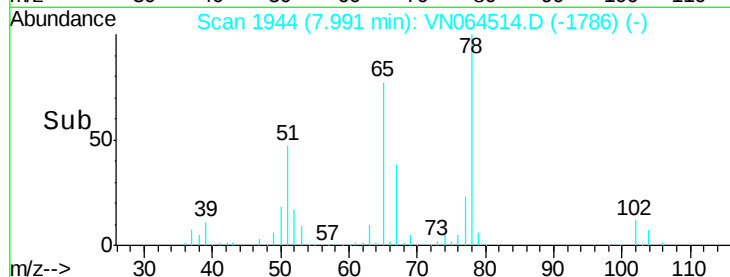
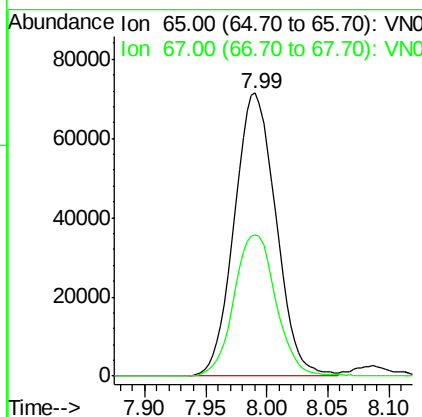
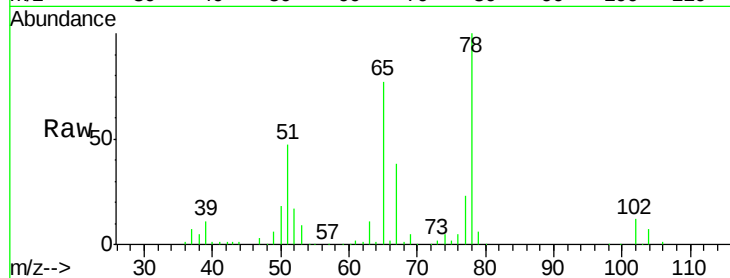




#27
 1,2-Dichloroethane-d4
 Concen: 31.746 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.01 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

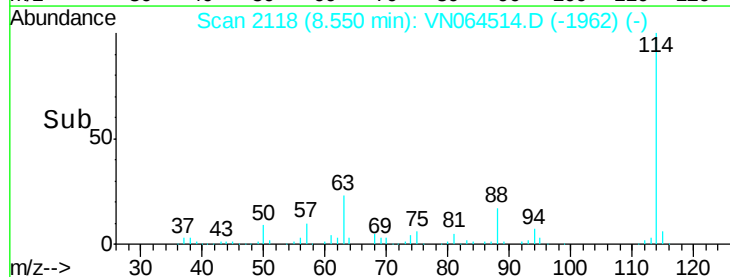
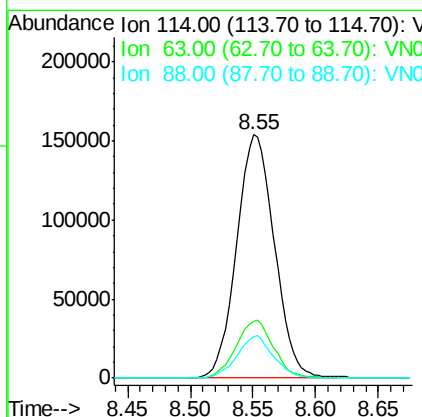
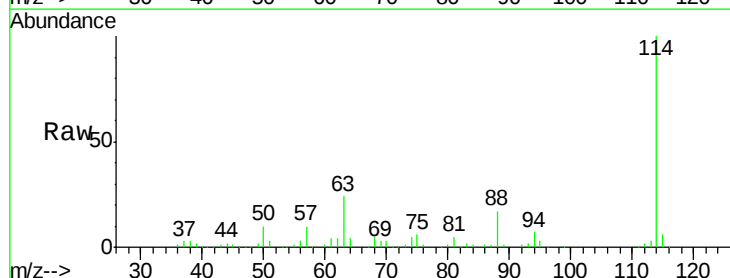
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

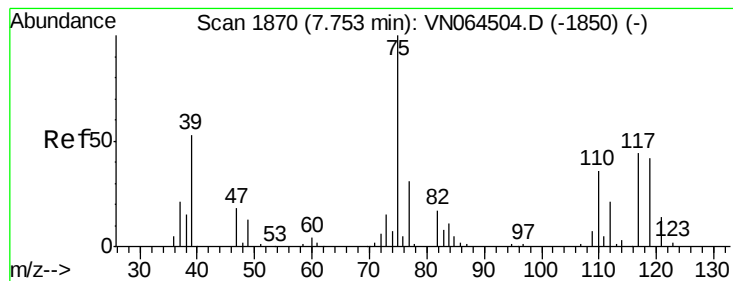
Tot Ion: 65 Resp: 169428
 Ion Ratio Lower Upper
 65 100
 67 50.1 41.1 61.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion: 114 Resp: 323161
 Ion Ratio Lower Upper
 114 100
 63 23.4 18.5 27.7
 88 16.6 13.0 19.6





#29

1,1-Dichloropropene

Concen: 20.395 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

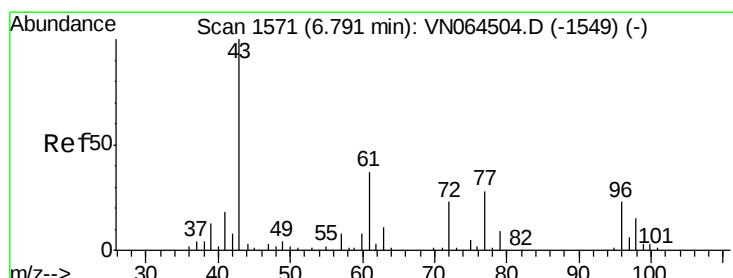
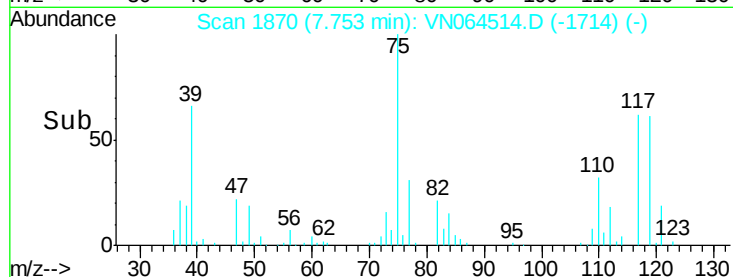
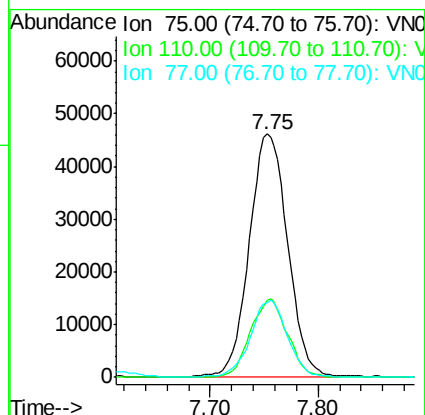
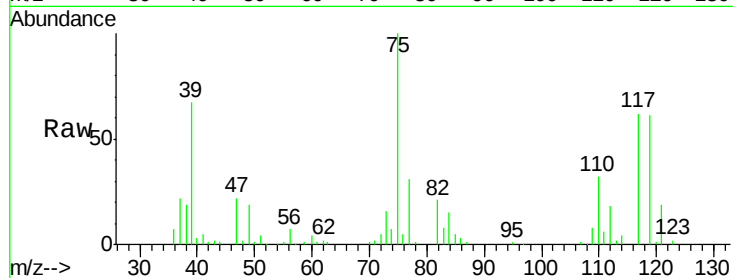
Tot Ion: 75 Resp: 114377

Ion Ratio Lower Upper

75 100

110 31.1 0.0 66.4

77 29.9 0.0 62.0



#30

2-Butanone

Concen: 85.381 ug/l

RT: 6.80 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

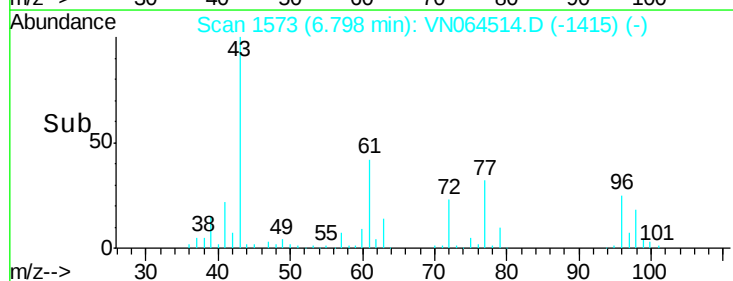
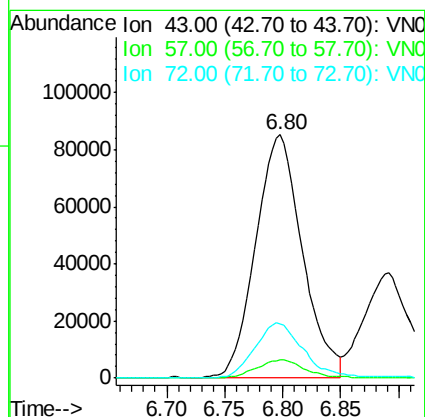
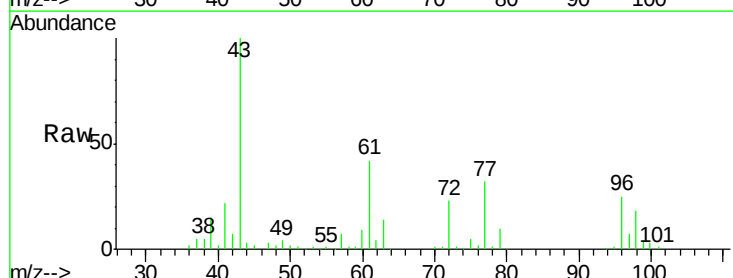
Tgt Ion: 43 Resp: 237026

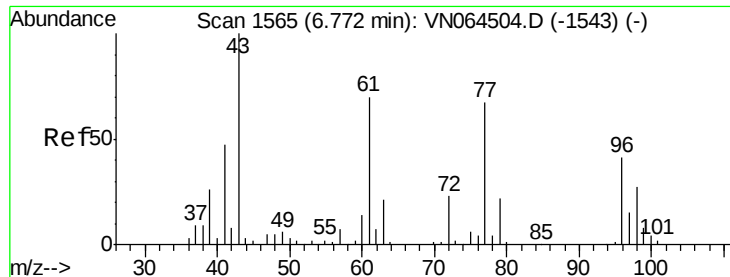
Ion Ratio Lower Upper

43 100

57 7.6 6.2 9.4

72 23.7 9.9 14.9#





#31

2,2-Dichloropropane

Concen: 19.588 ug/l

RT: 6.79 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

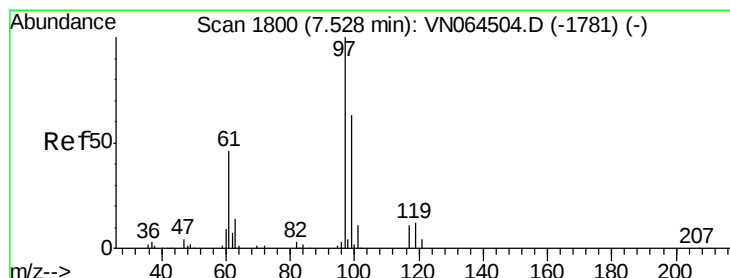
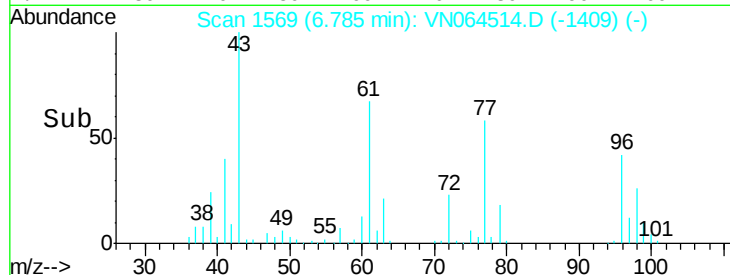
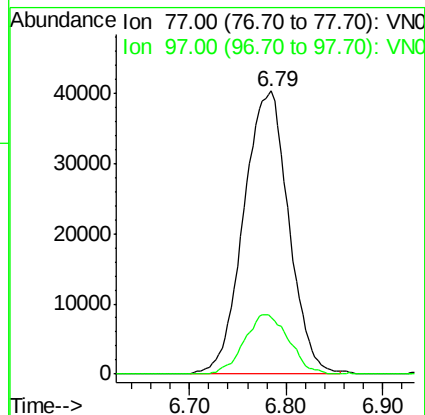
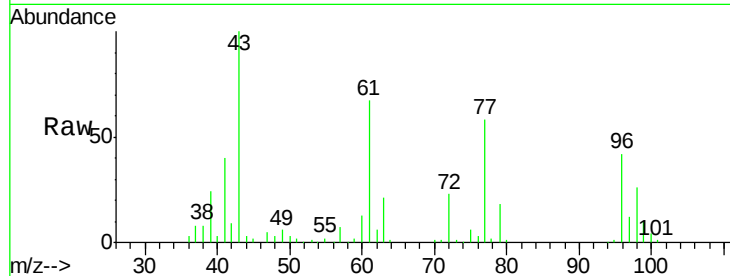
VN1109WBSD01

Tot Ion: 77 Resp: 130484

Ion Ratio Lower Upper

77 100

97 20.7 16.9 25.3



#32

1,1,1-Trichloroethane

Concen: 20.594 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

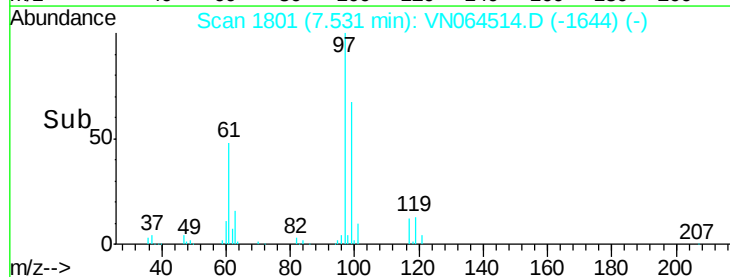
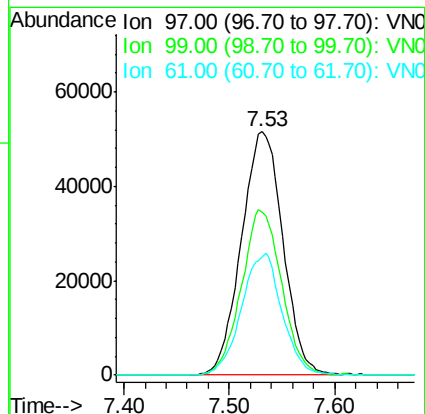
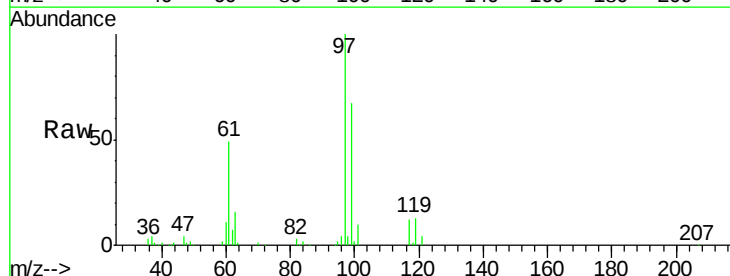
Tgt Ion: 97 Resp: 141663

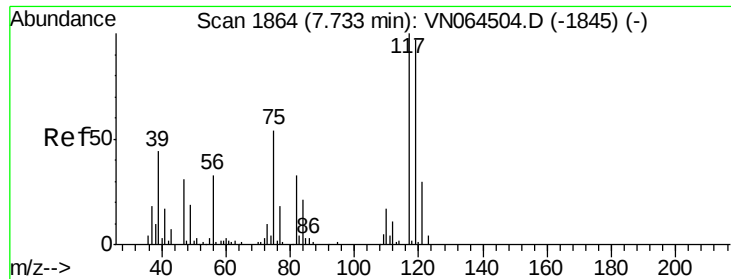
Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.8

61 48.6 39.4 59.0

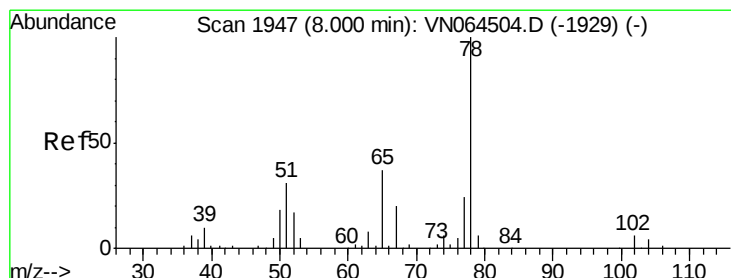
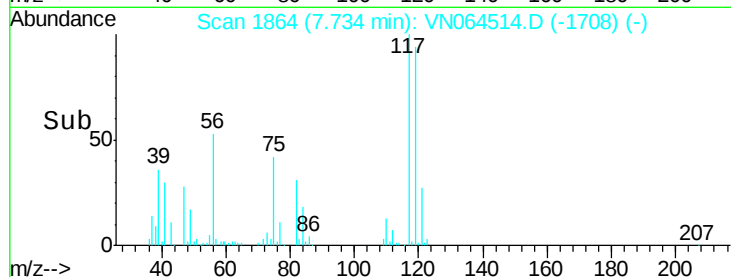
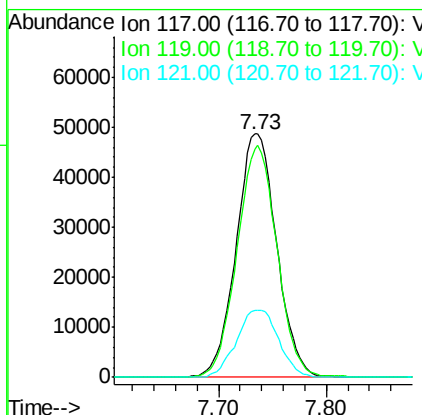
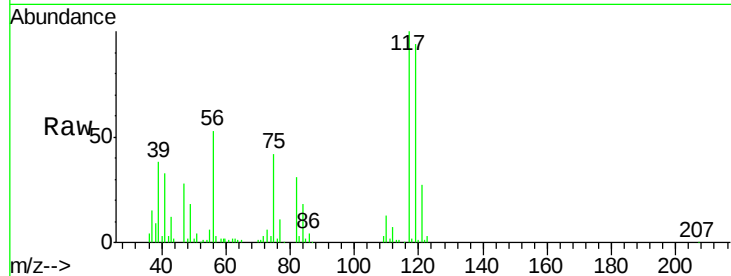




#33
Carbon Tetrachloride
Concen: 20.711 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

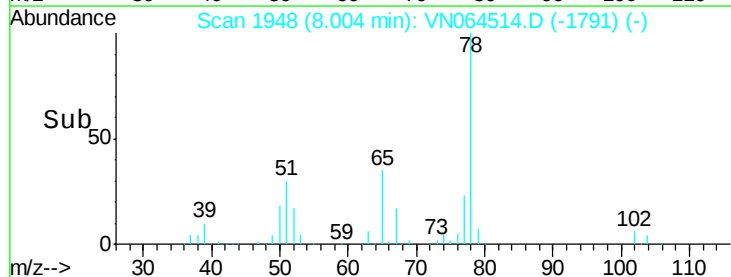
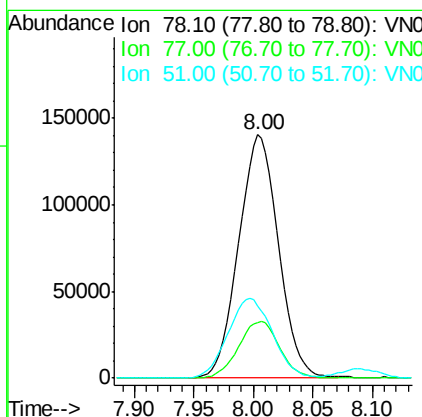
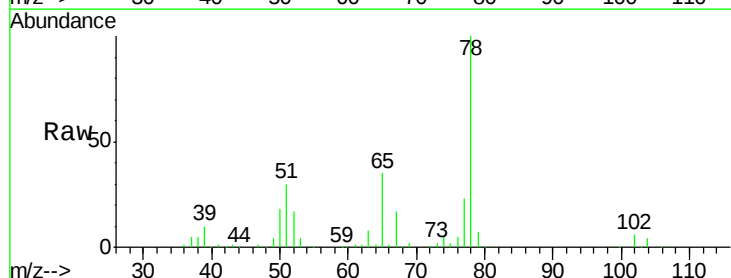
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

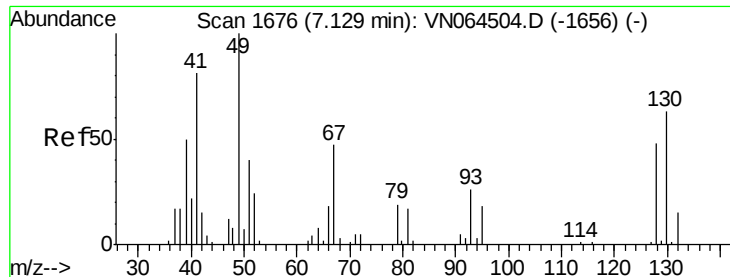
Tot Ion:117 Resp: 127230
Ion Ratio Lower Upper
117 100
119 93.8 77.9 116.9
121 27.5 24.0 36.0



#34
Benzene
Concen: 20.060 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 78 Resp: 325742
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3
51 29.4 24.6 36.8

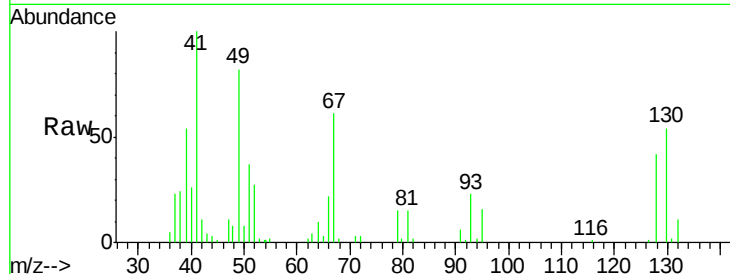




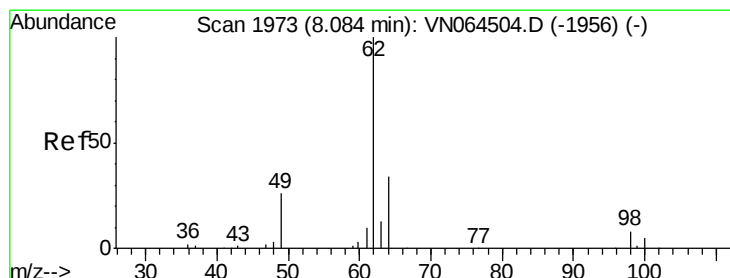
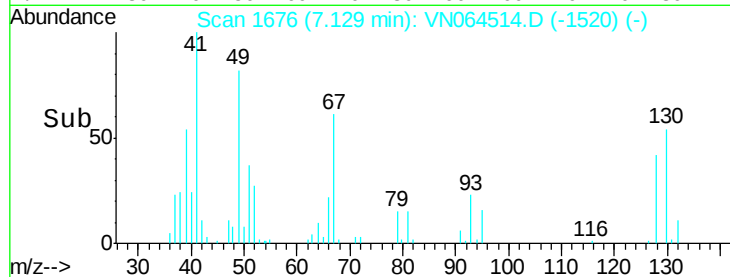
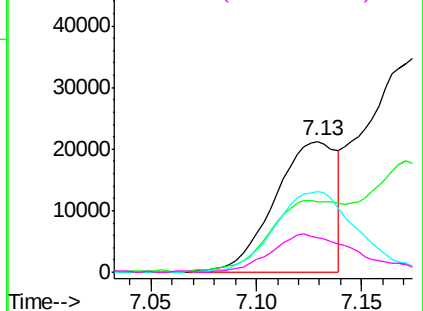
#35
Methacrylonitrile
Concen: 16.728 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Instrument :
MSVOA_N
ClientSampled :
VN1109WBSD01

Tot Ion: 41 Resp: 43444
Ion Ratio Lower Upper
41 100
39 53.1 30.0 90.1
67 60.7 29.2 87.6
52 25.9 14.9 44.9

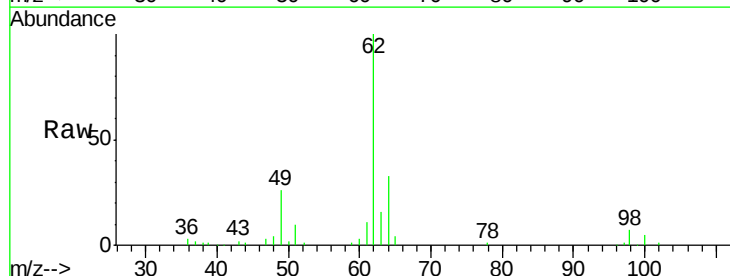


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

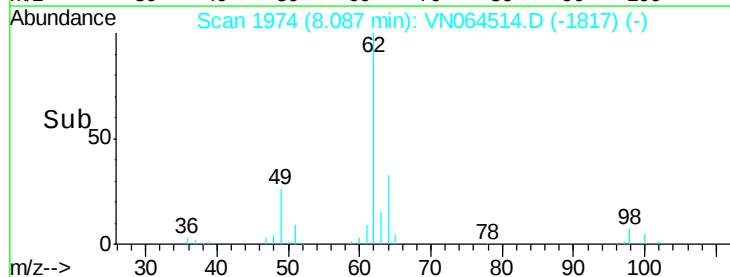
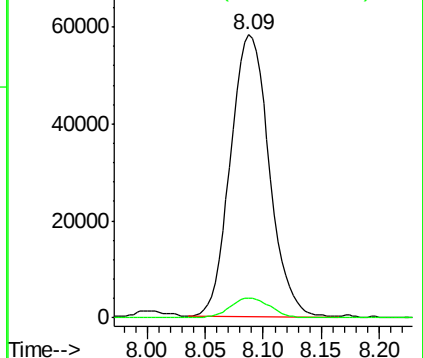


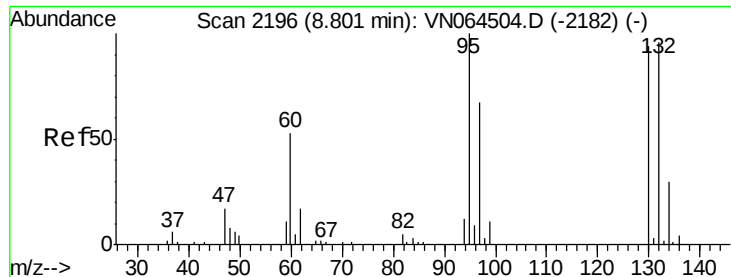
#36
1,2-Dichloroethane
Concen: 20.314 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 62 Resp: 135368
Ion Ratio Lower Upper
62 100
98 7.1 5.5 8.3



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

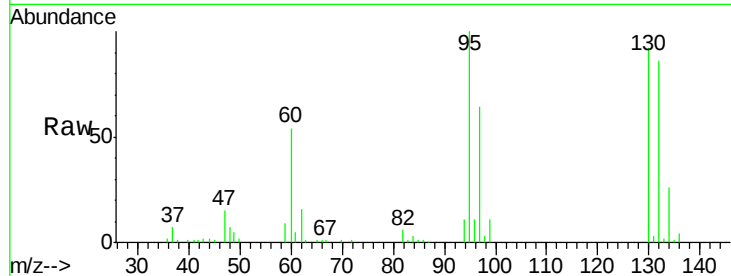




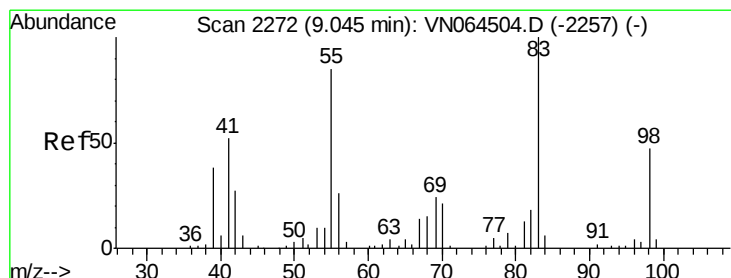
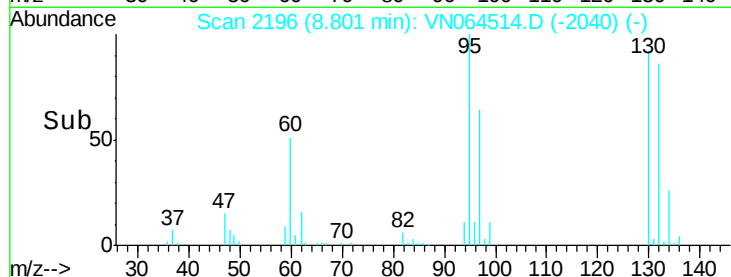
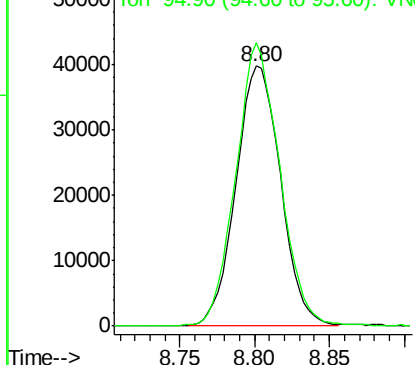
#37
 Trichloroethene
 Concen: 20.181 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

Tot Ion:130 Resp: 82858
 Ion Ratio Lower Upper
 130 100
 95 108.3 85.1 127.7

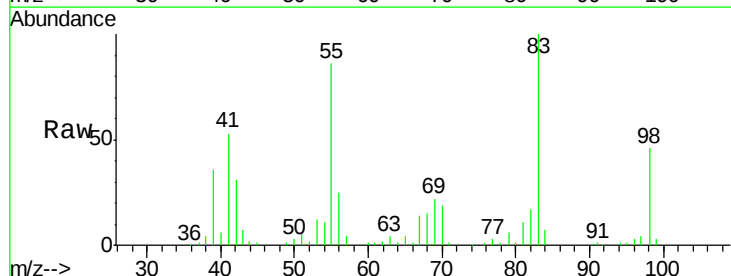


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

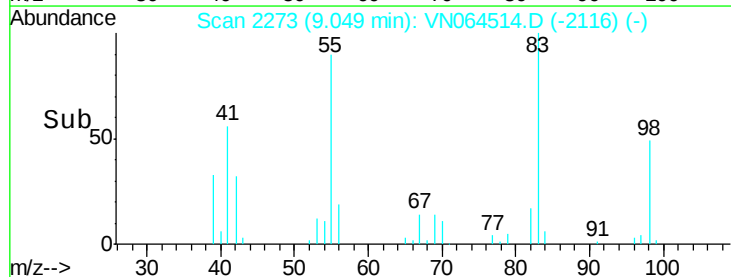
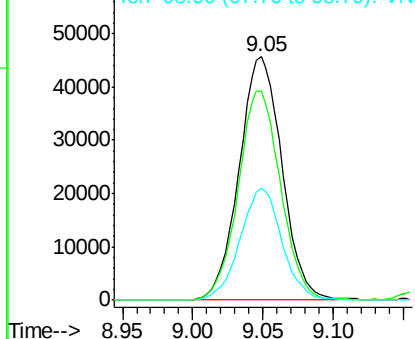


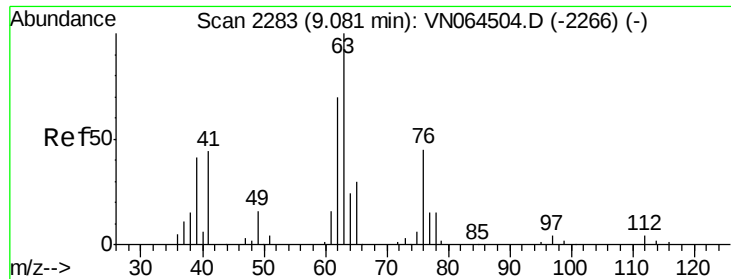
#38
 Methylcyclohexane
 Concen: 19.147 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion: 83 Resp: 97124
 Ion Ratio Lower Upper
 83 100
 55 84.8 42.0 126.1
 98 44.8 22.5 67.5



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

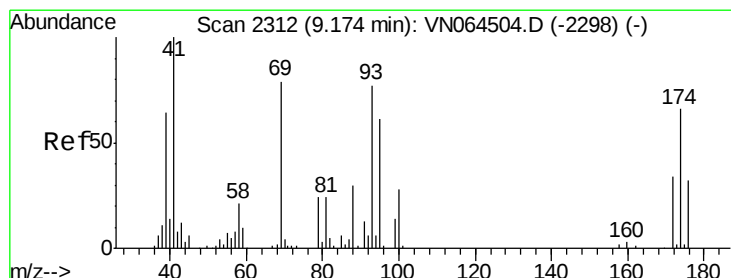
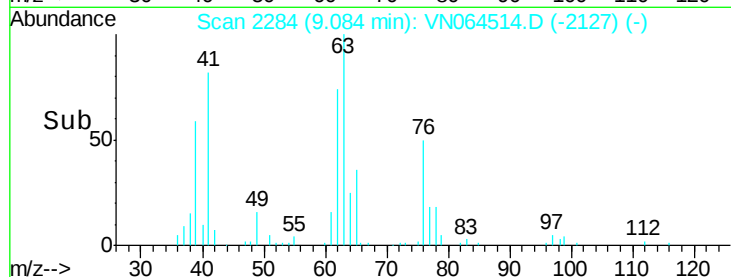
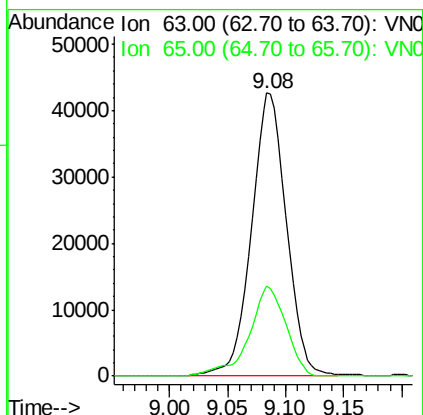
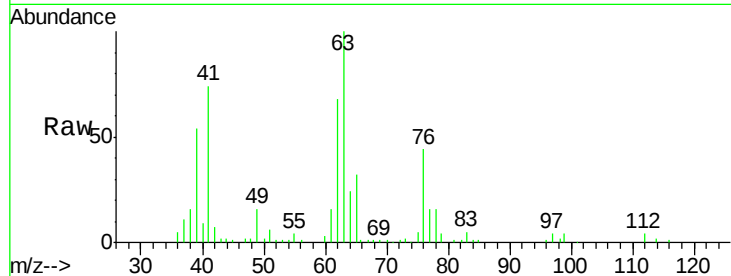




#39
 1,2-Dichloropropane
 Concen: 20.539 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

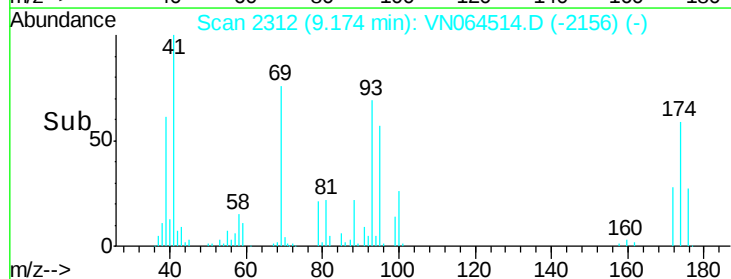
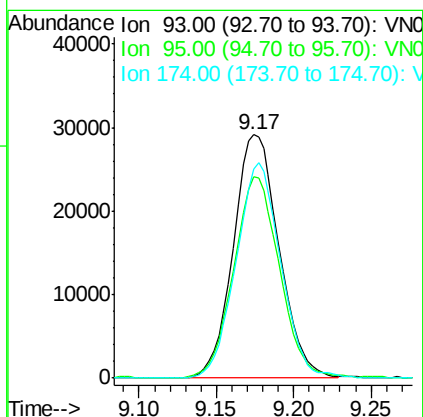
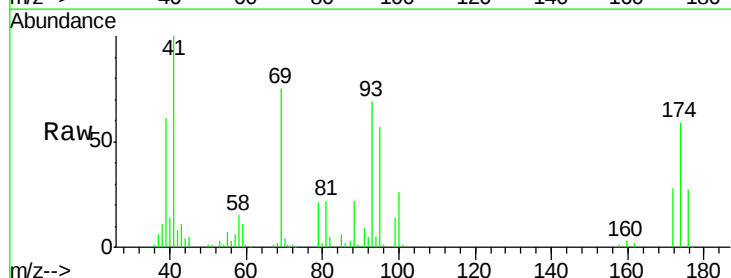
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

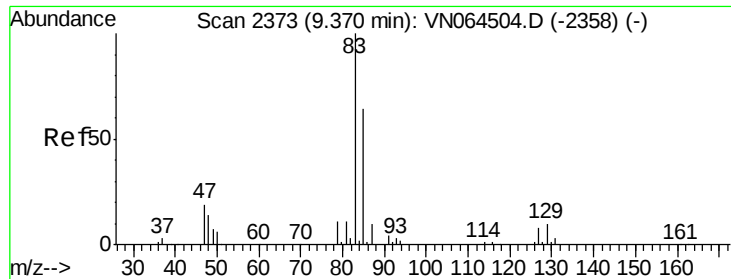
Tot Ion: 63 Resp: 89616
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#40
 Dibromomethane
 Concen: 20.316 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion: 93 Resp: 59799
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 164.6
 174 86.1 0.0 165.6

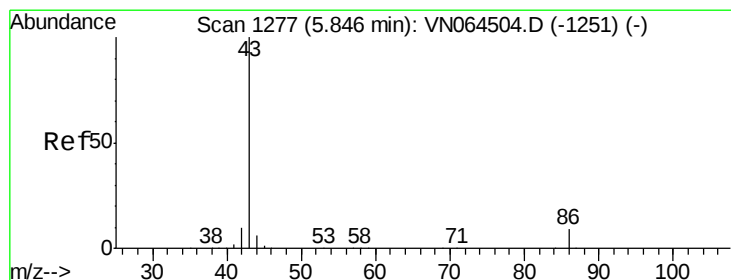
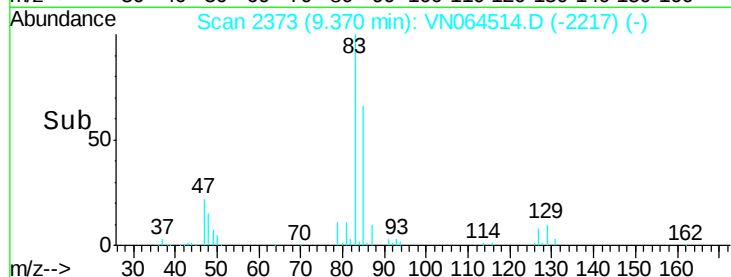
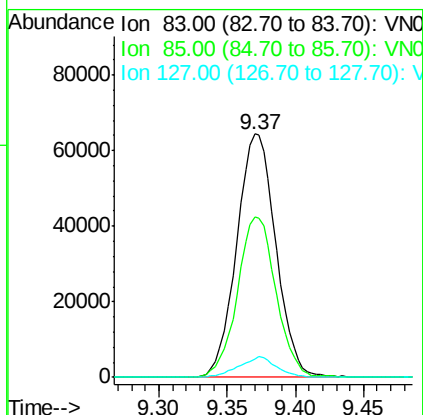
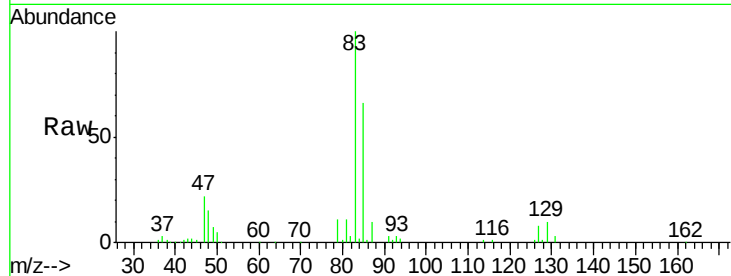




#41
Bromodichloromethane
Concen: 20.119 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

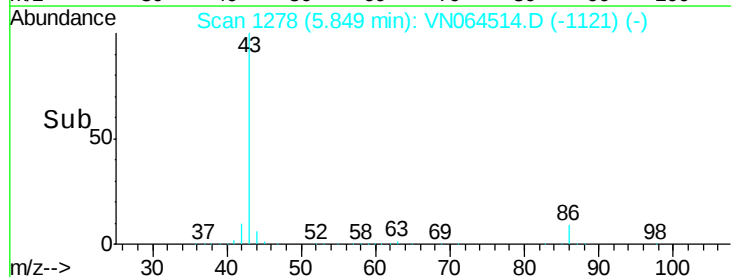
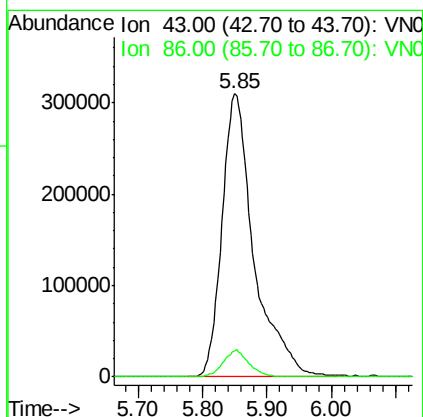
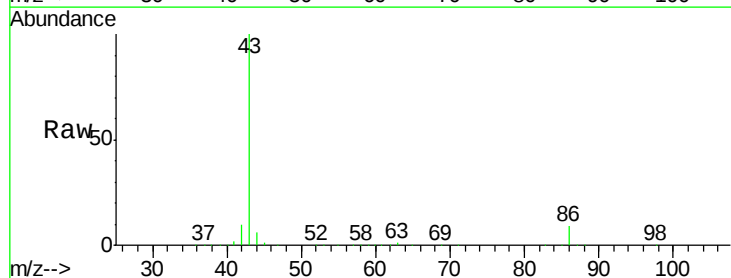
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

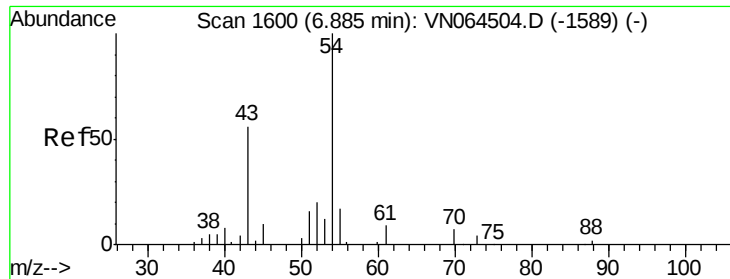
Tot Ion: 83 Resp: 128348
Ion Ratio Lower Upper
83 100
85 65.6 51.0 76.4
127 7.8 6.2 9.4



#42
Vinyl Acetate
Concen: 96.104 ug/l
RT: 5.85 min Scan# 1278
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 43 Resp: 1068079
Ion Ratio Lower Upper
43 100
86 7.6 6.3 9.5

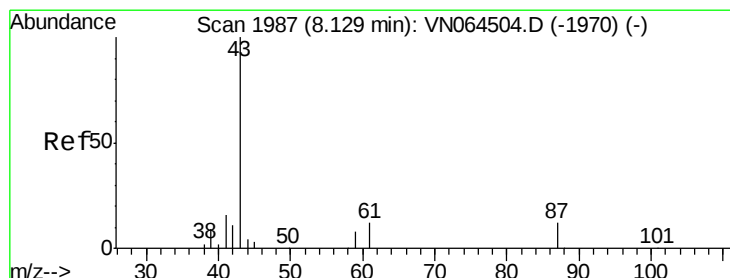
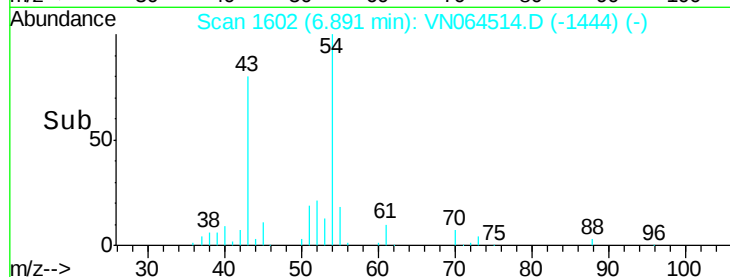
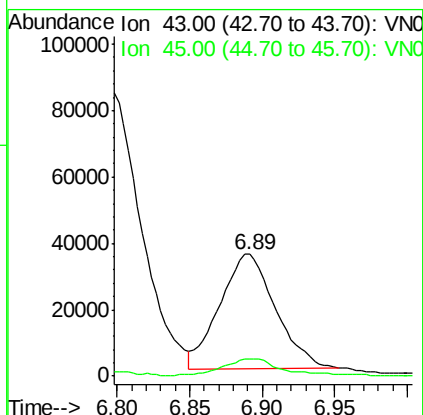
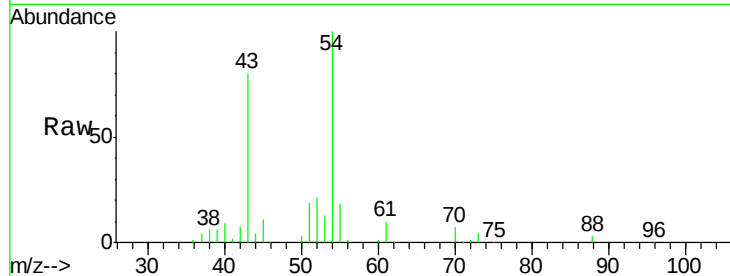




#43
Ethyl Acetate
Concen: 17.084 ug/l
RT: 6.89 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

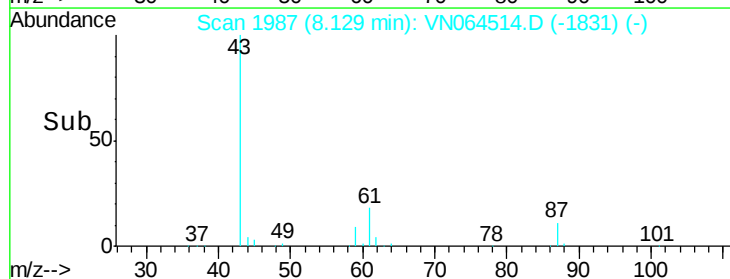
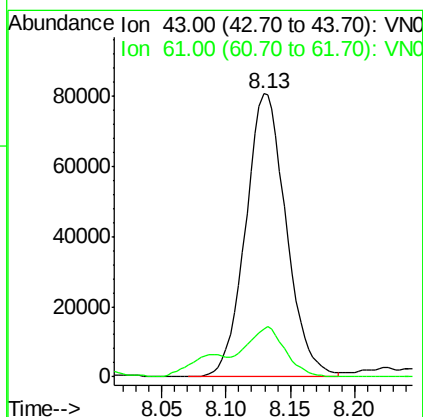
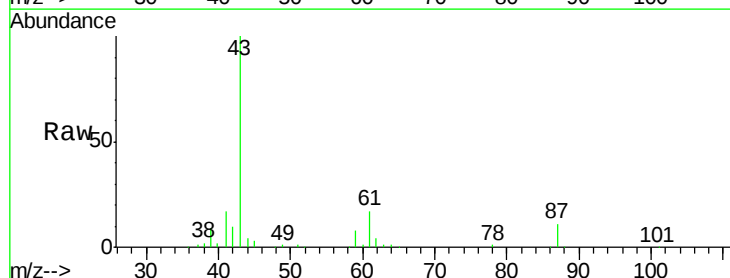
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

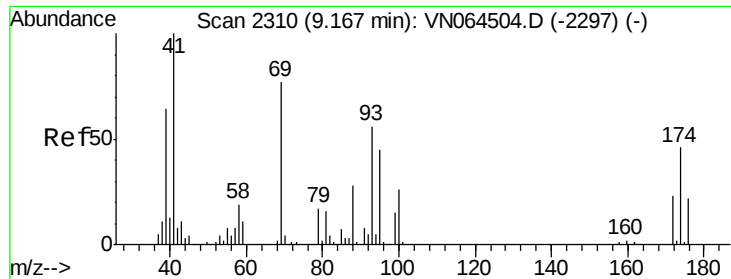
Tot Ion: 43 Resp: 92285
Ion Ratio Lower Upper
43 100
45 12.6 10.9 16.3



#44
Isopropyl Acetate
Concen: 18.887 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 43 Resp: 176110
Ion Ratio Lower Upper
43 100
61 16.7 13.0 19.4

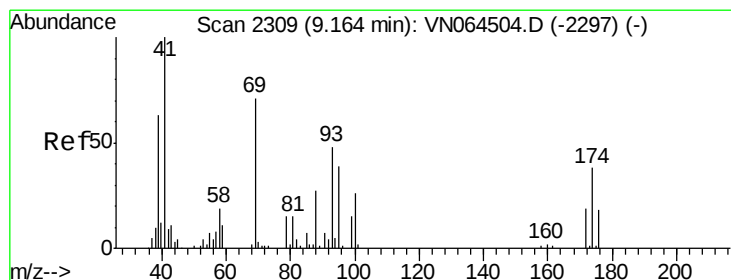
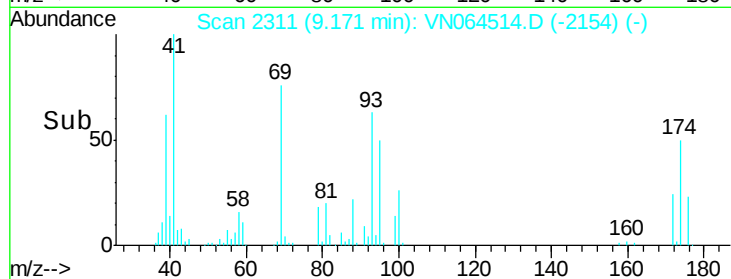
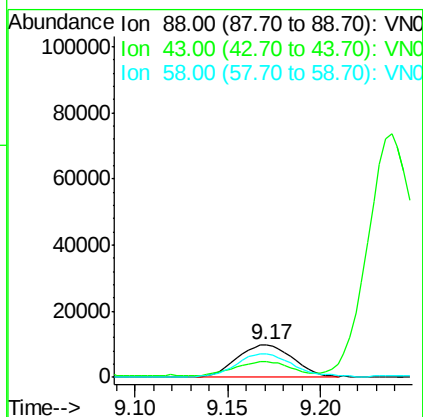
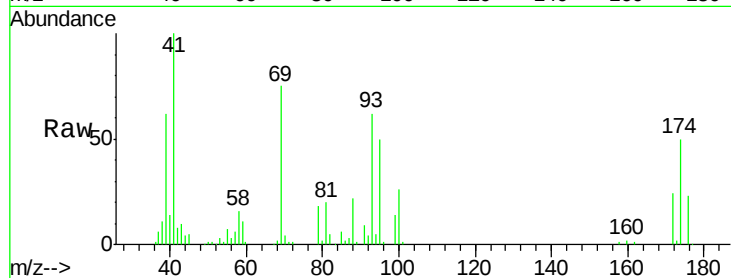




#45
 1,4-Dioxane
 Concen: 321.143 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

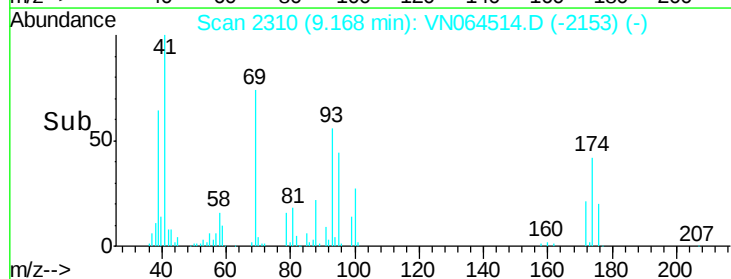
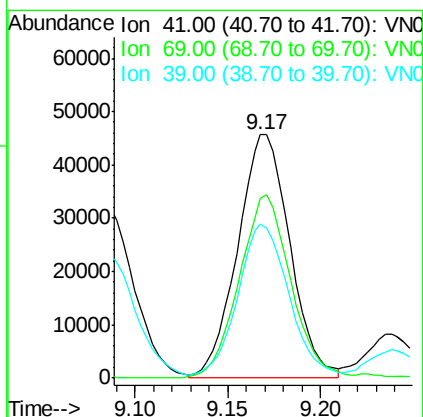
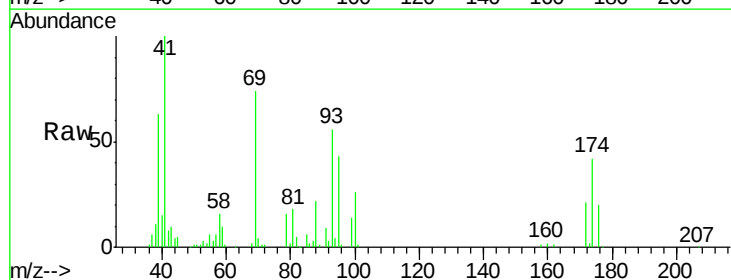
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

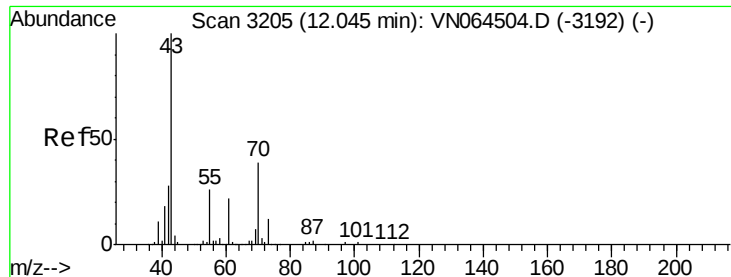
Tot Ion: 88 Resp: 20992
 Ion Ratio Lower Upper
 88 100
 43 44.0 30.6 46.0
 58 73.2 57.9 86.9



#46
 Methyl methacrylate
 Concen: 19.178 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion: 41 Resp: 88936
 Ion Ratio Lower Upper
 41 100
 69 74.3 35.4 106.2
 39 63.2 31.6 94.7





#47

n-amvl Acetate

Concen: 17.392 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

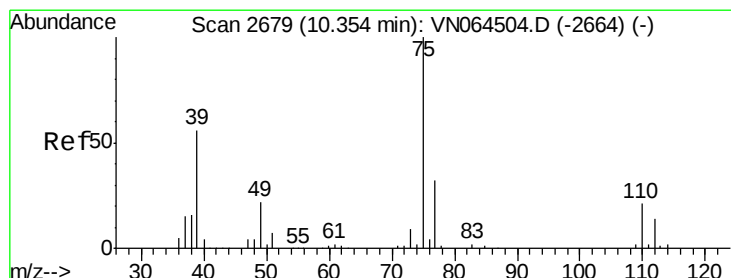
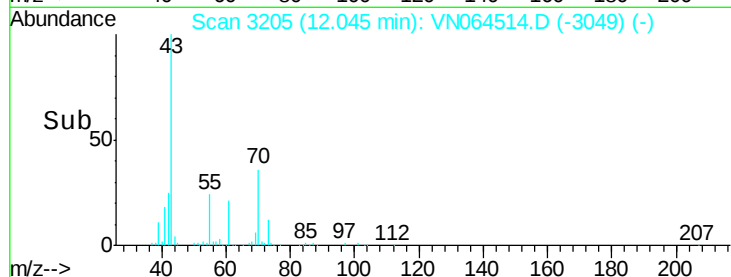
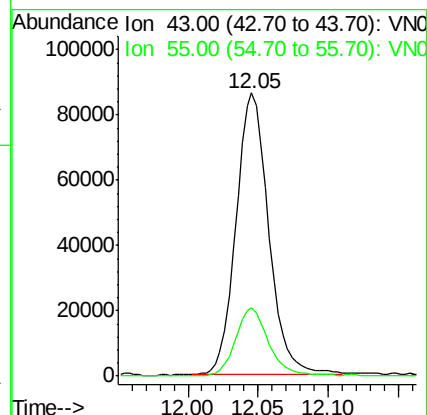
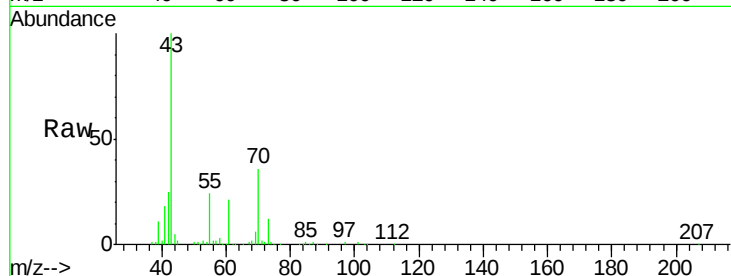
VN1109WBSD01

Tot Ion: 43 Resp: 140289

Ion Ratio Lower Upper

43 100

55 24.5 19.2 28.8



#48

t-1,3-Dichloropropene

Concen: 19.589 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064514.D

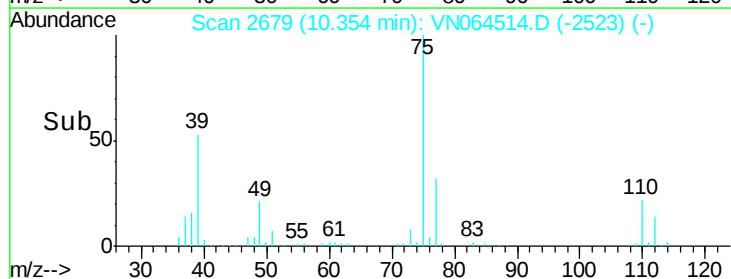
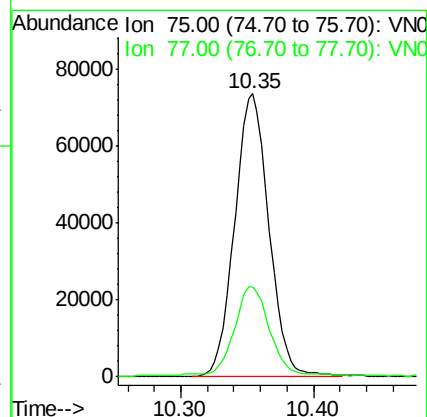
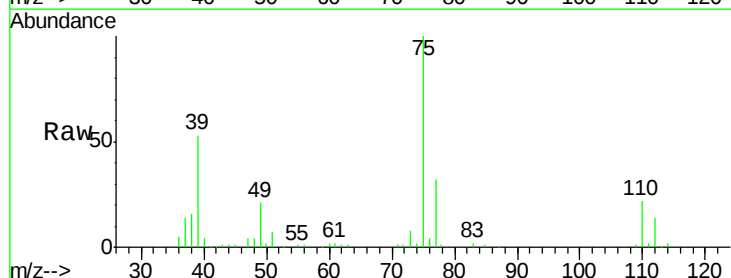
Acq: 9 Nov 2020 18:22

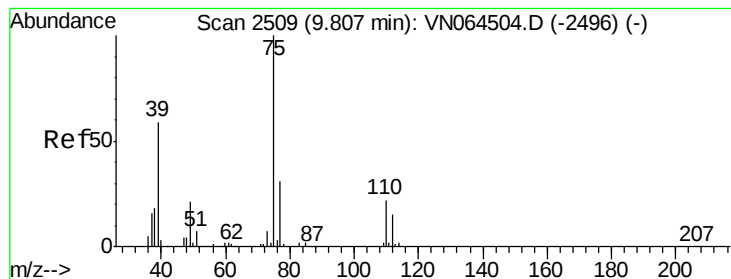
Tgt Ion: 75 Resp: 132428

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6



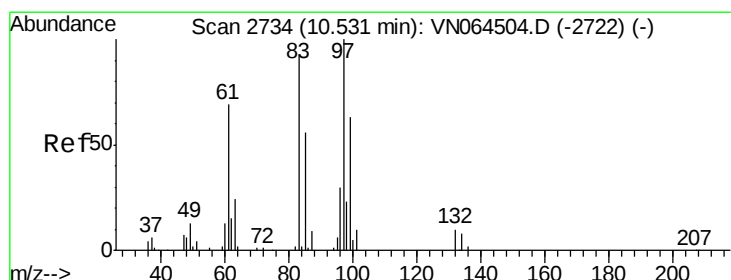
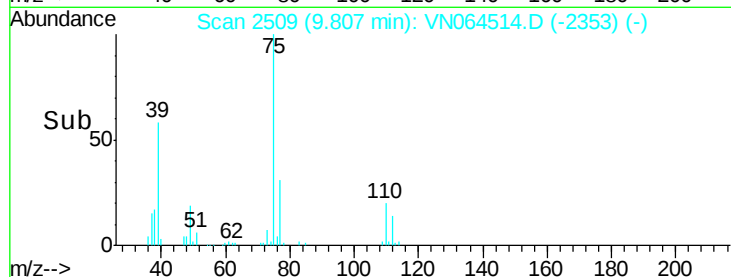
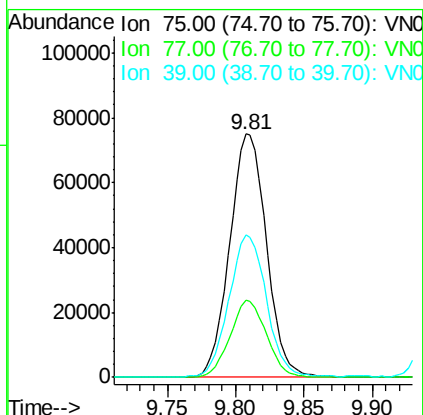
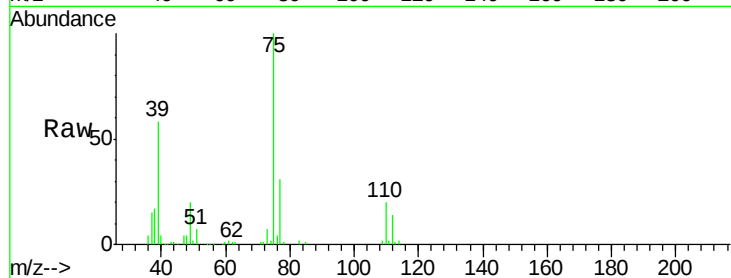


#49

cis-1,3-Dichloropropene
 Concen: 19.801 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

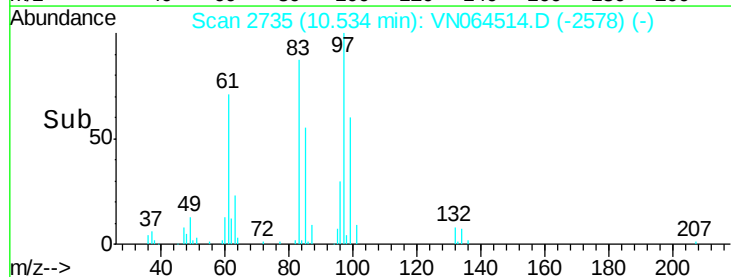
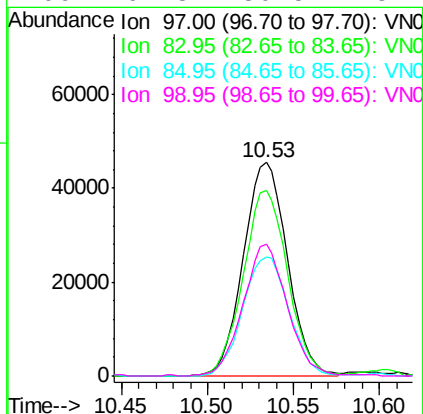
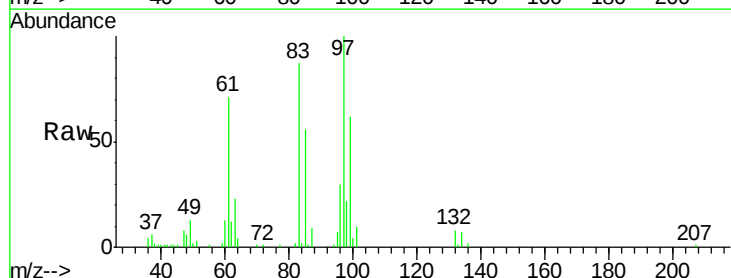
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	57.8	47.4	71.0

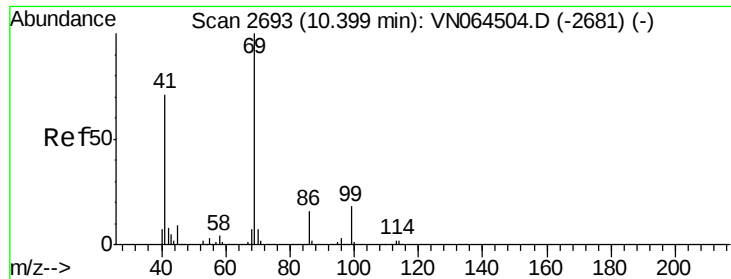


#50

1,1,2-Trichloroethane
 Concen: 20.061 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	74.2	111.4
85	55.8	44.8	67.2
99	61.8	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.227 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

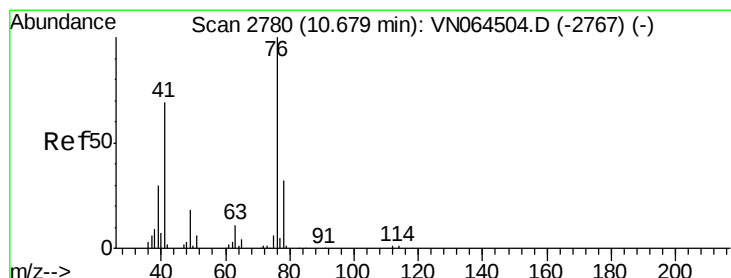
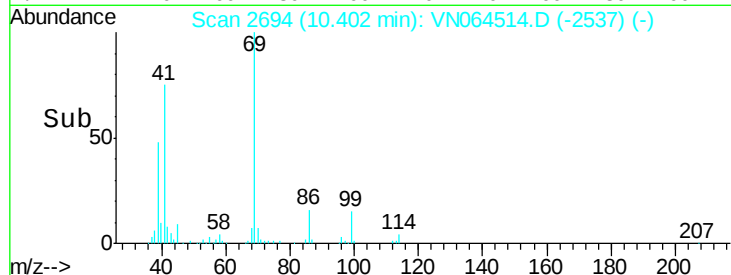
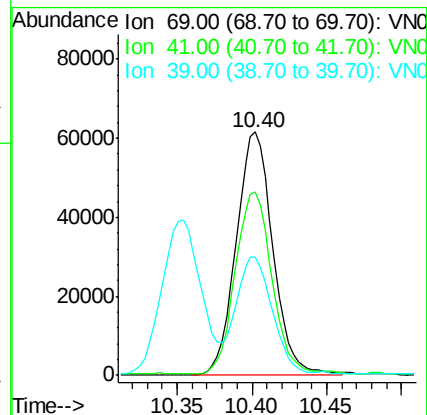
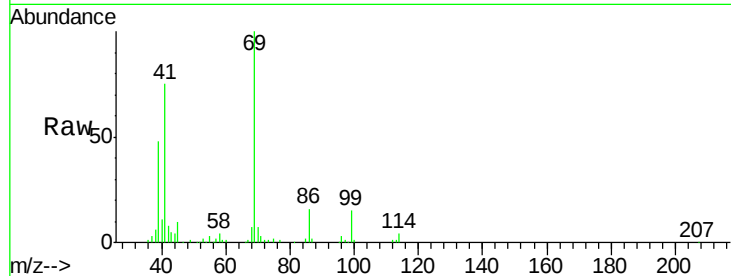
Tot Ion: 69 Resp: 105402

Ion Ratio Lower Upper

69 100

41 74.6 35.4 106.1

39 47.6 24.1 72.2



#52

1,3-Dichloropropane

Concen: 19.877 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064514.D

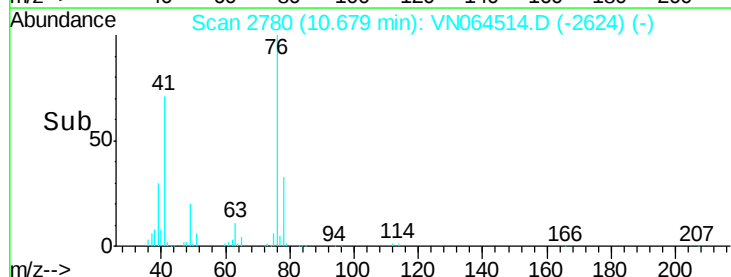
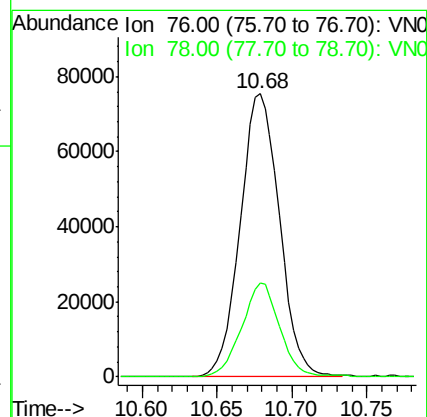
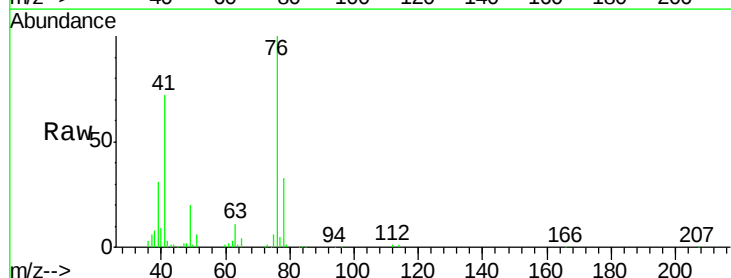
Acq: 9 Nov 2020 18:22

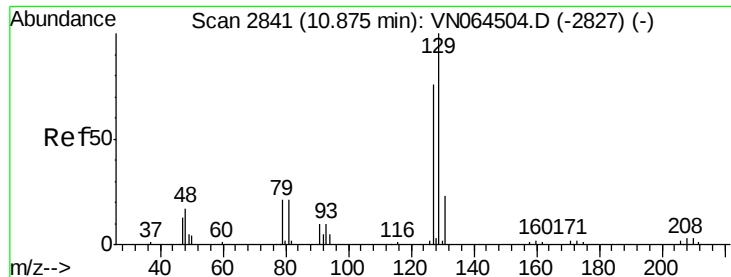
Tgt Ion: 76 Resp: 137800

Ion Ratio Lower Upper

76 100

78 32.0 0.0 65.2

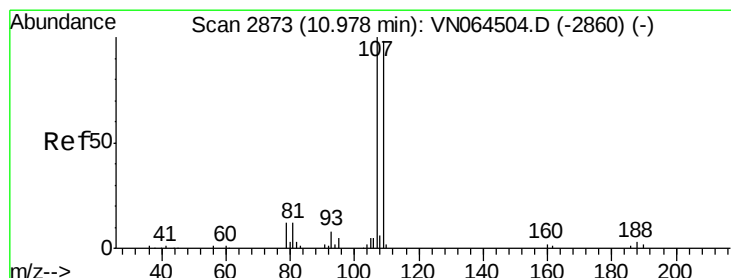
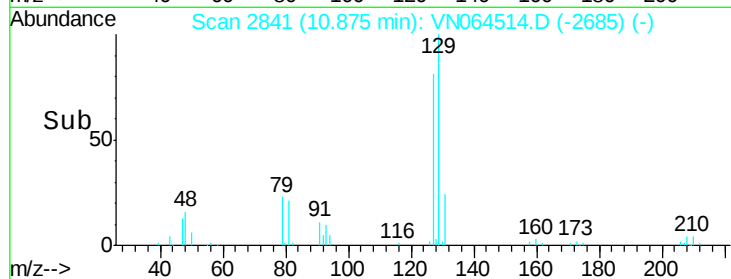
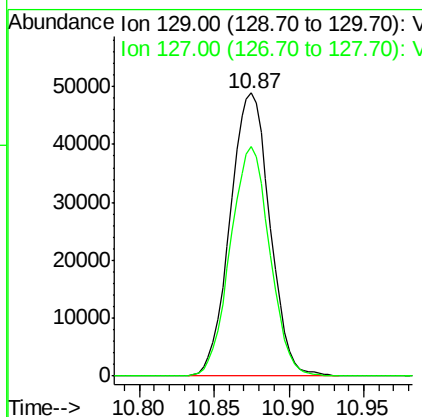
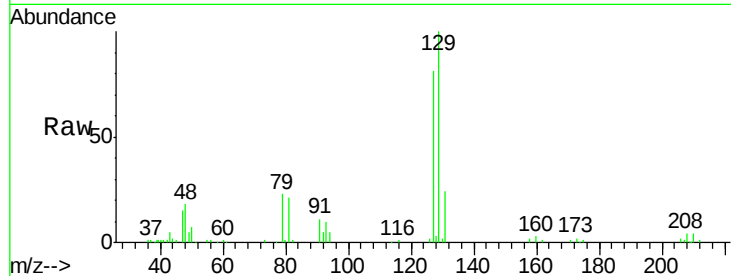




#53
Dibromochloromethane
Concen: 19.606 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

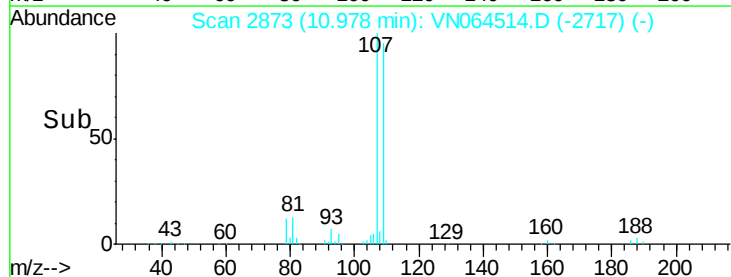
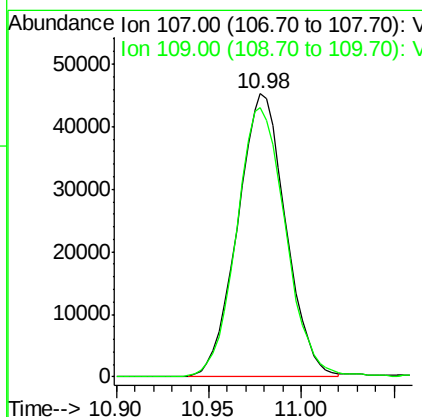
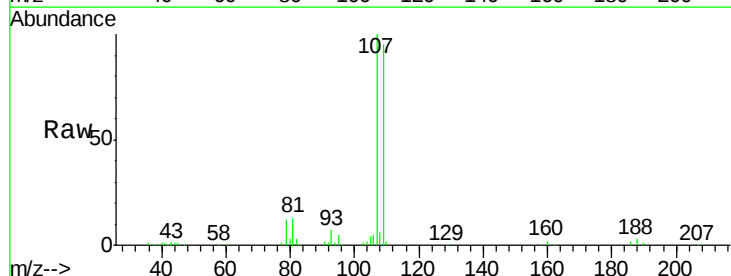
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

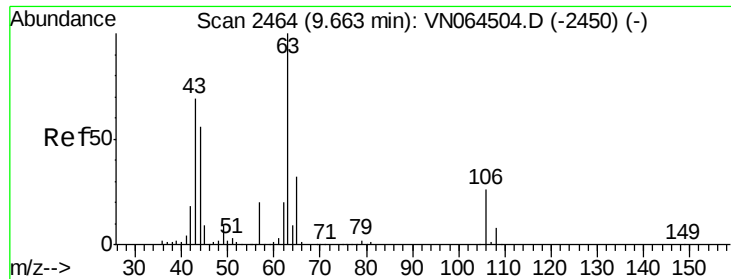
Tot Ion:129 Resp: 90609
Ion Ratio Lower Upper
129 100
127 80.3 39.1 117.2



#54
1,2-Dibromoethane
Concen: 19.697 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion:107 Resp: 81302
Ion Ratio Lower Upper
107 100
109 97.5 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 83.819 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

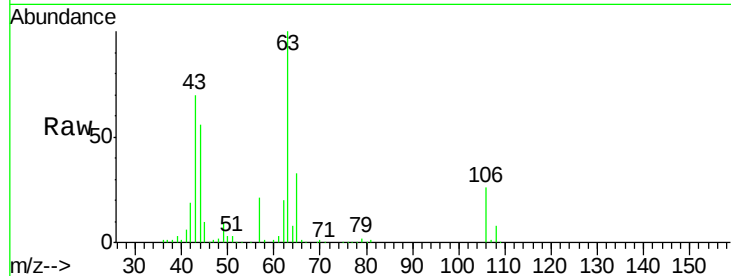
Tot Ion: 63 Resp: 253659

Ion Ratio Lower Upper

63 100

65 31.8 25.7 38.5

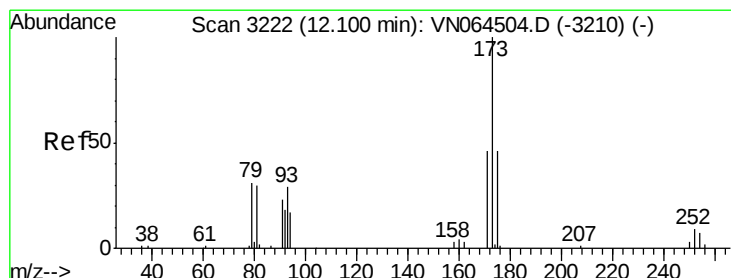
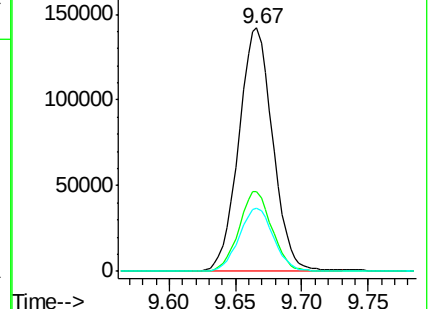
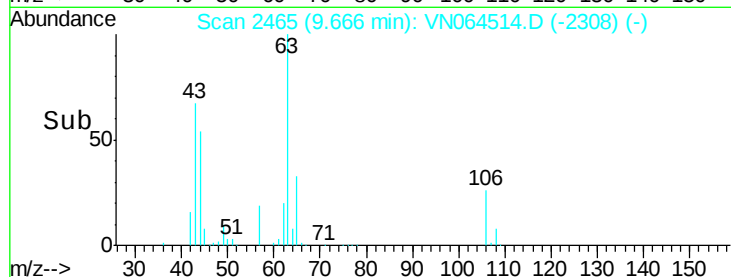
106 26.1 19.9 29.9



Abundance Ion 63.00 (62.70 to 63.70): VN064514.D (-2308) (-)

Ion 65.00 (64.70 to 65.70): VN064514.D (-2308) (-)

Ion 106.00 (105.70 to 106.70): VN064514.D (-2308) (-)



#56

Bromoform

Concen: 19.084 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

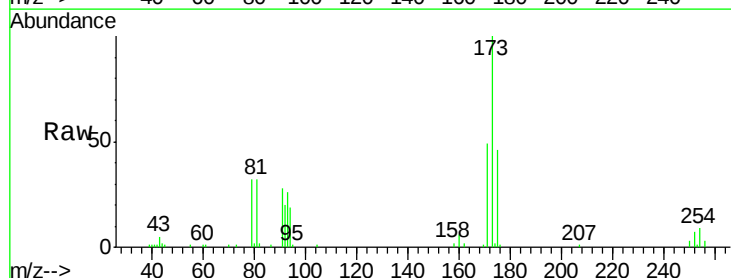
Tgt Ion: 173 Resp: 57879

Ion Ratio Lower Upper

173 100

175 45.5 37.1 55.7

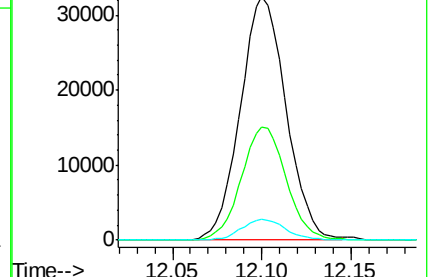
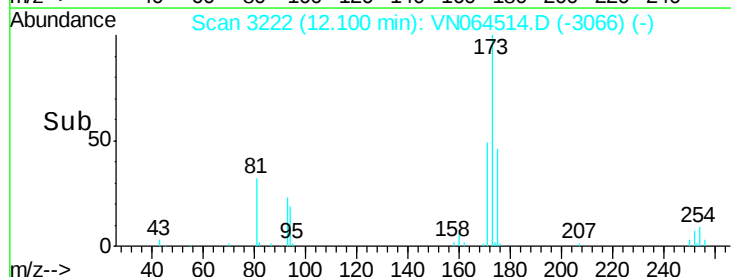
254 8.2 5.4 8.2#

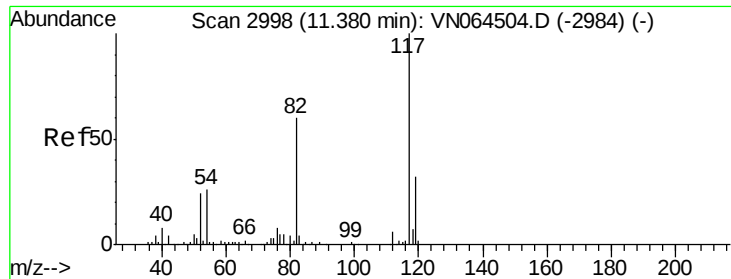


Abundance Ion 173.00 (172.70 to 173.70): VN064514.D (-3066) (-)

Ion 175.00 (174.70 to 175.70): VN064514.D (-3066) (-)

Ion 254.00 (253.70 to 254.70): VN064514.D (-3066) (-)

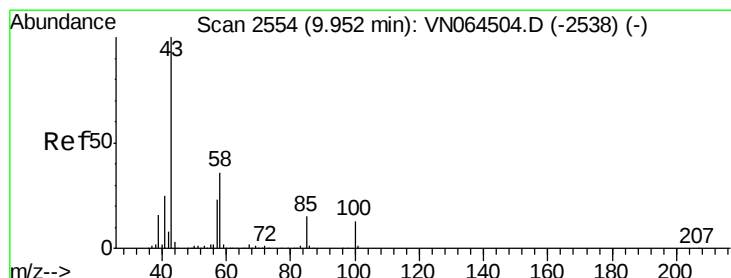
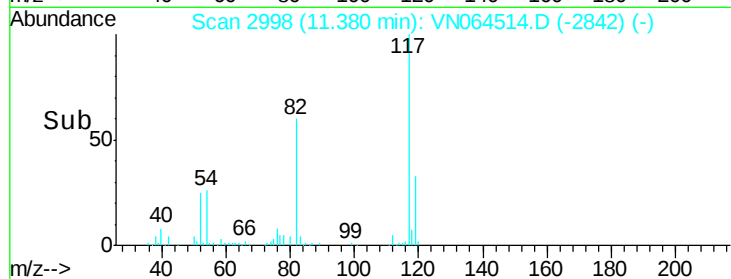
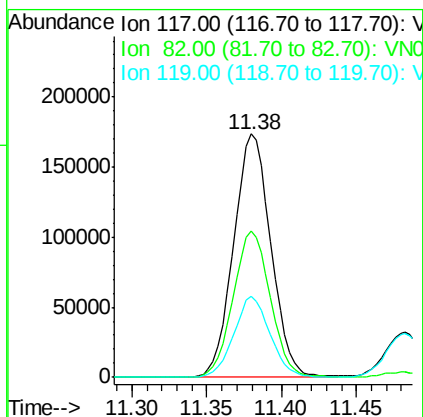
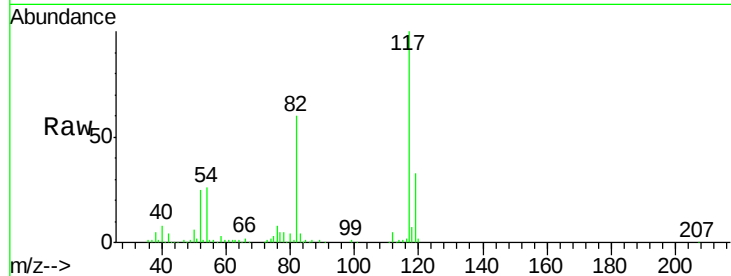




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

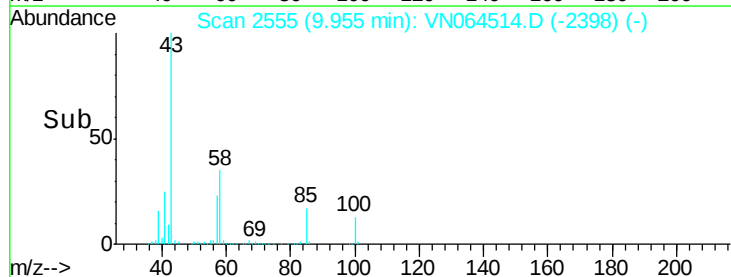
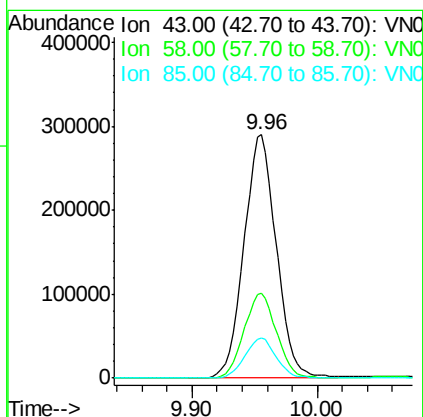
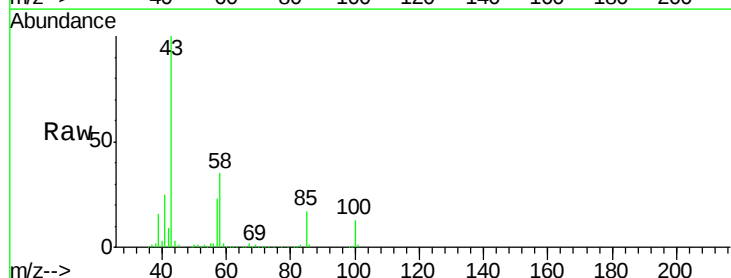
Instrument :
MSVOA_N
ClientSampled :
VN1109WBSD01

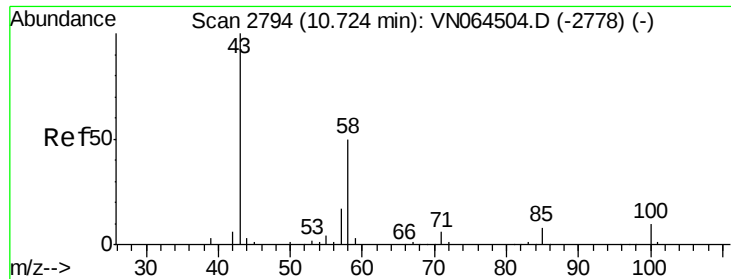
Tot Ion:117 Resp: 301243
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 32.4 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 93.709 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 43 Resp: 518400
Ion Ratio Lower Upper
43 100
58 35.3 28.8 43.2
85 15.9 12.3 18.5

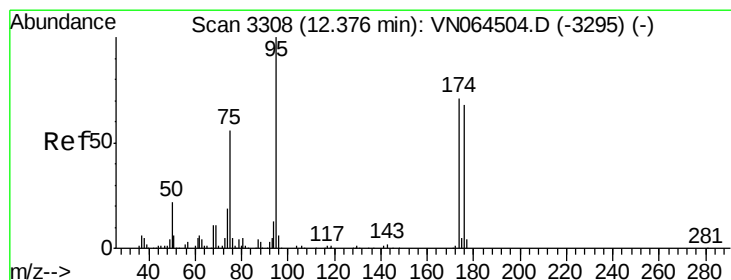
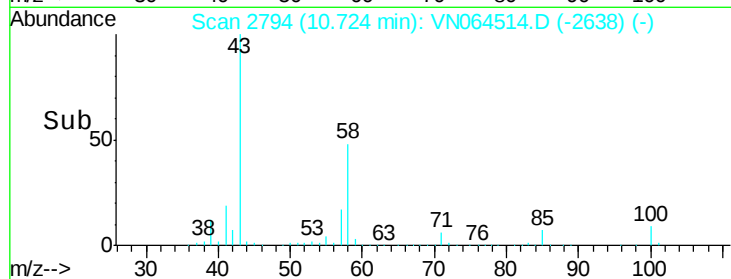
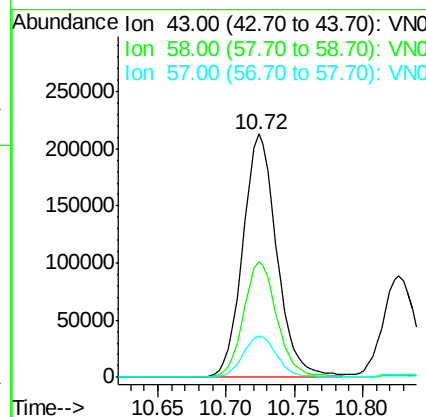
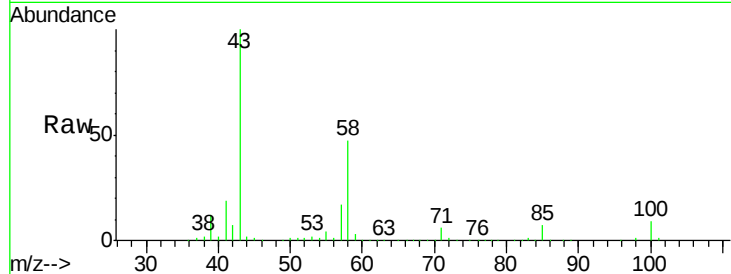




#59
2-Hexanone
Concen: 87.612 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

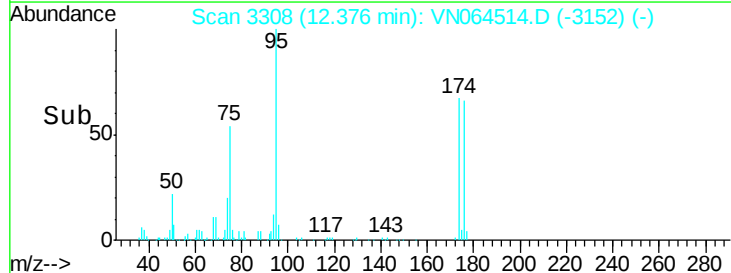
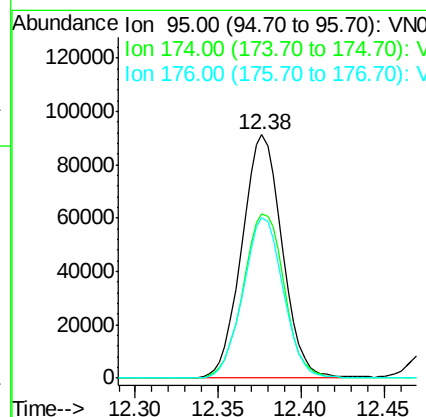
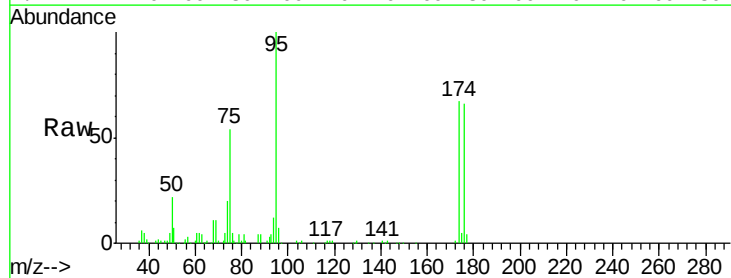
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

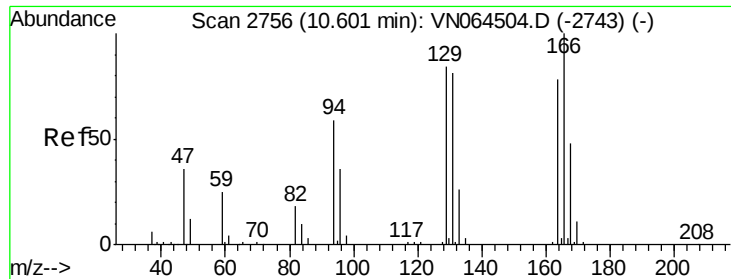
Tot Ion: 43 Resp: 365049
Ion Ratio Lower Upper
43 100
58 47.4 38.2 57.4
57 17.3 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 29.841 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 95 Resp: 153990
Ion Ratio Lower Upper
95 100
174 69.6 56.4 84.6
176 66.2 53.3 79.9





#61

Tetrachloroethene

Concen: 20.717 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

Tot Ion:164 Resp: 78009

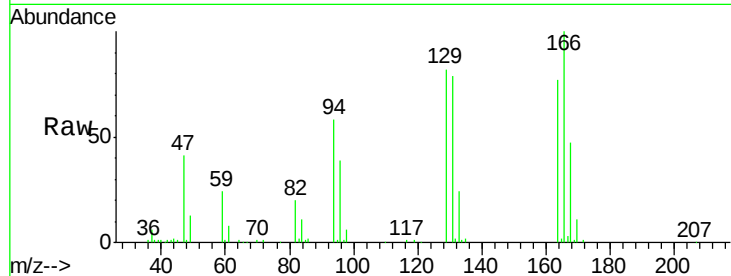
Ion Ratio Lower Upper

164 100

166 128.8 103.2 154.8

129 105.6 86.4 129.6

131 102.6 84.0 126.0

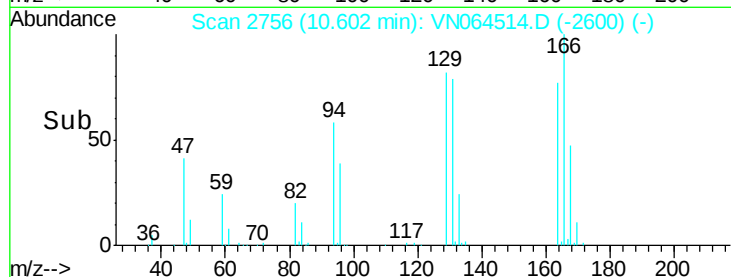


Abundance Ion 163.85 (163.55 to 164.55): V

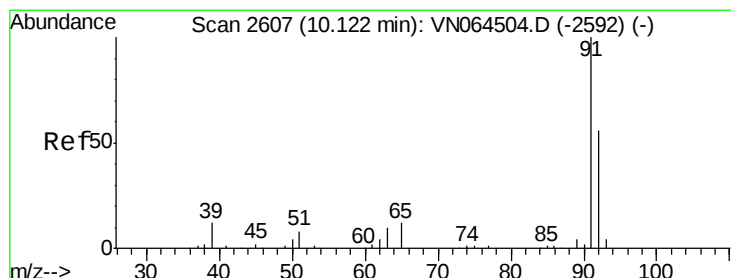
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 20.157 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064514.D

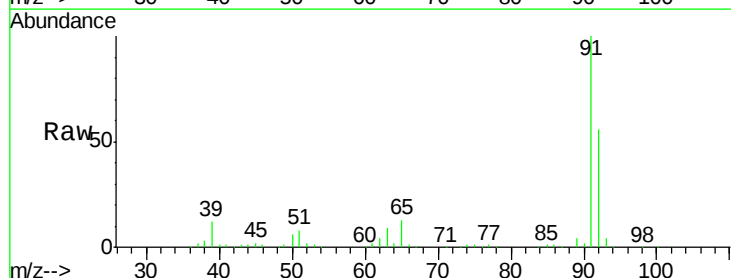
Acq: 9 Nov 2020 18:22

Tgt Ion: 91 Resp: 356598

Ion Ratio Lower Upper

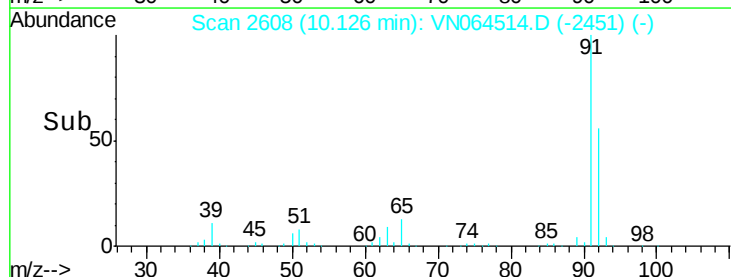
91 100

92 56.3 45.4 68.2

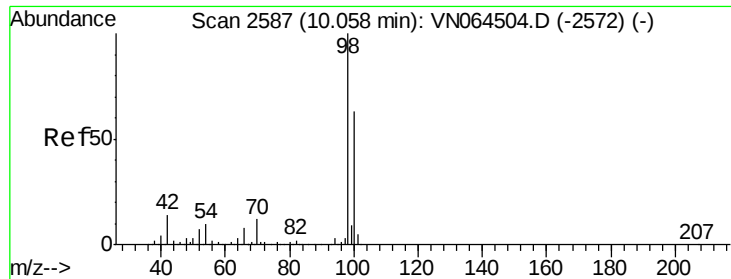


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V



Time-->



#63

Toluene-d8

Concen: 30.356 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

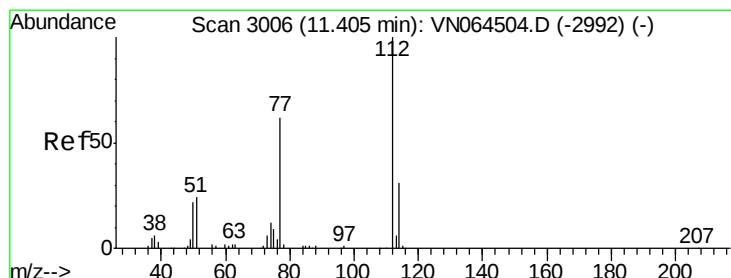
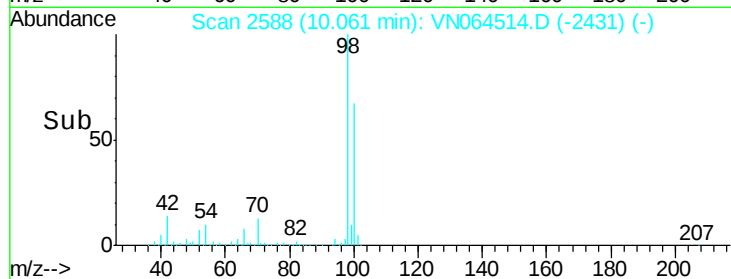
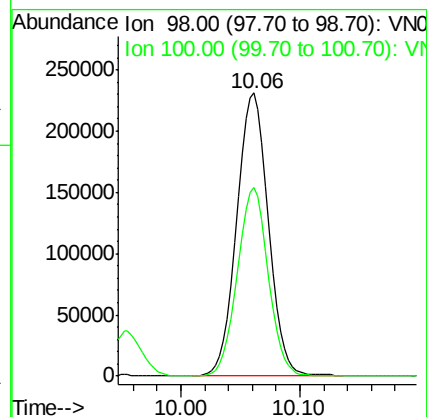
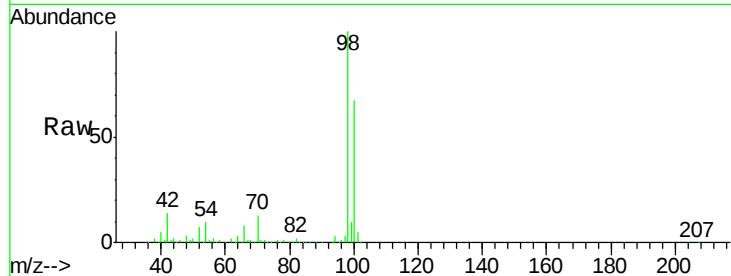
VN1109WBSD01

Tot Ion: 98 Resp: 426469

Ion Ratio Lower Upper

98 100

100 64.5 49.4 74.2



#64

Chlorobenzene

Concen: 20.182 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064514.D

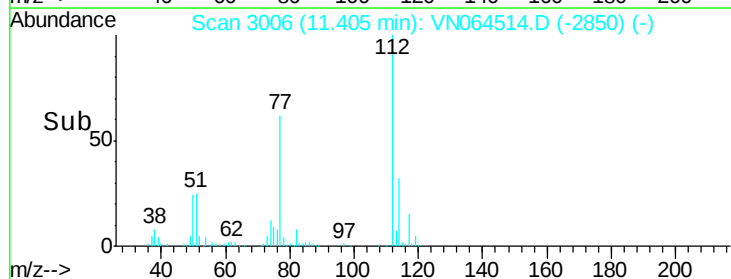
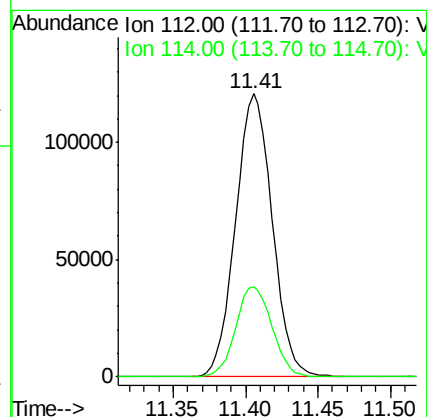
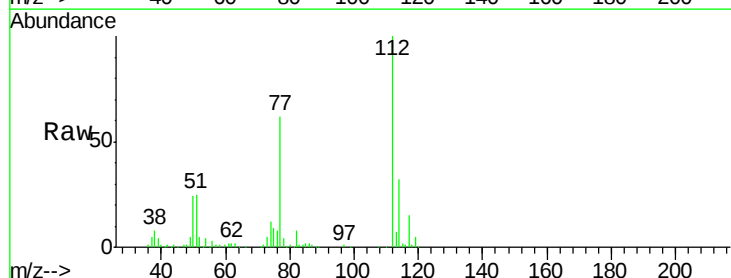
Acq: 9 Nov 2020 18:22

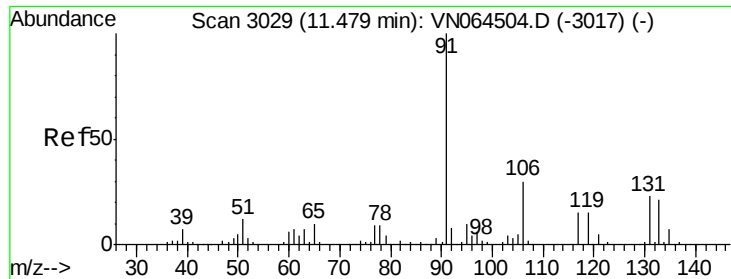
Tgt Ion: 112 Resp: 212235

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.6

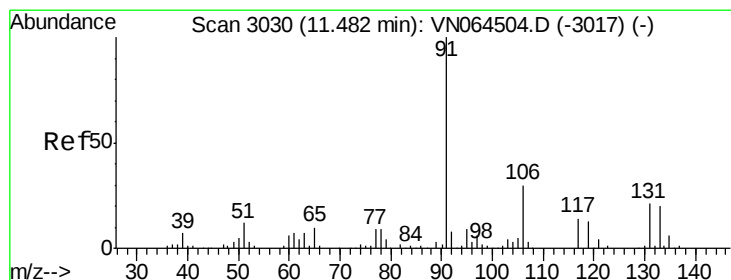
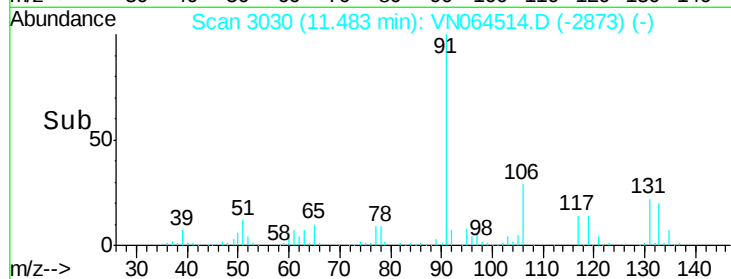
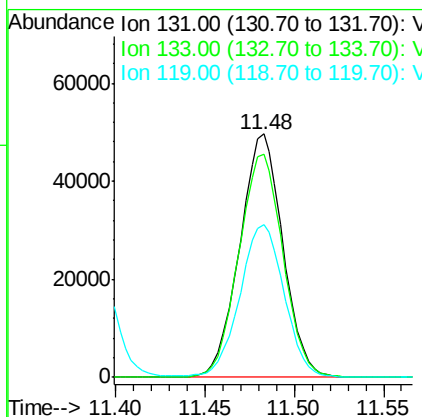
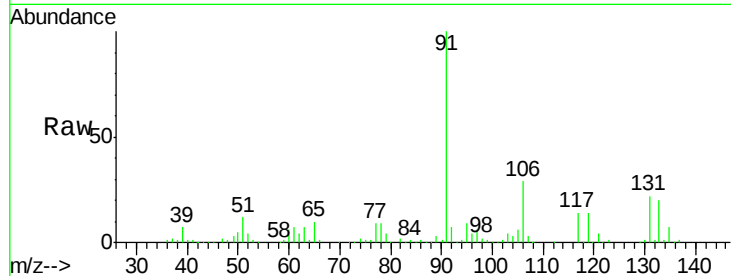




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.420 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

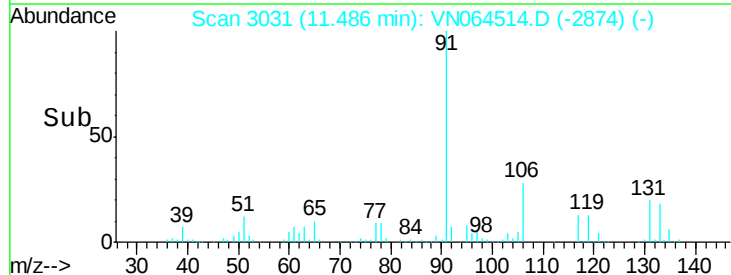
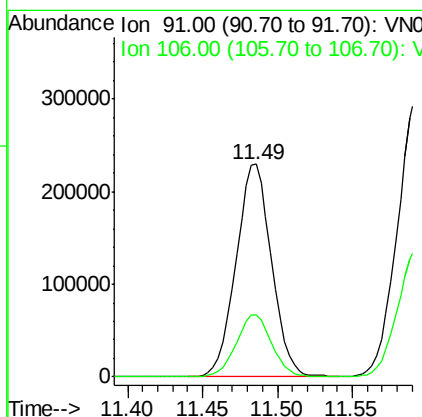
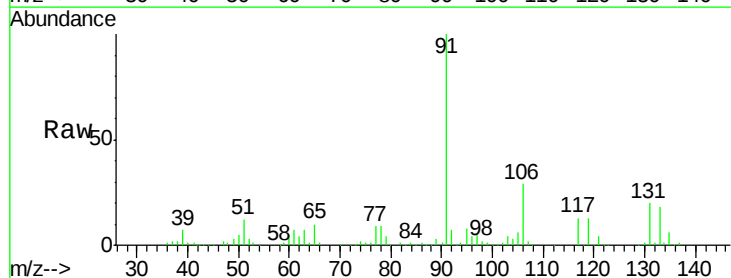
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

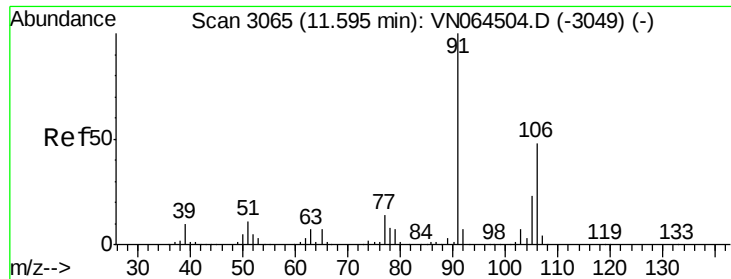
Tot Ion:131 Resp: 83947
 Ion Ratio Lower Upper
 131 100
 133 93.9 0.0 191.2
 119 64.9 0.0 131.6



#66
 Ethyl Benzene
 Concen: 19.874 ug/l
 RT: 11.49 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion: 91 Resp: 379453
 Ion Ratio Lower Upper
 91 100
 106 29.3 23.9 35.9

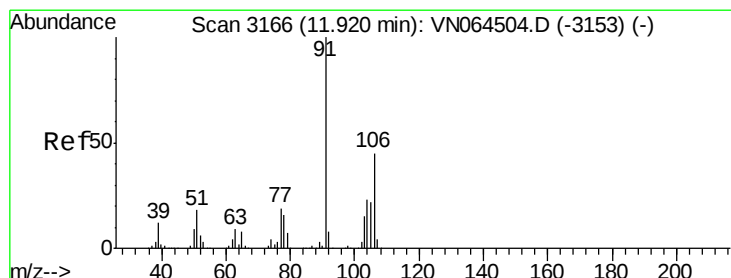
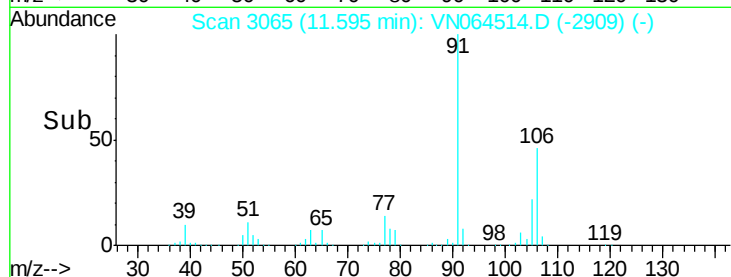
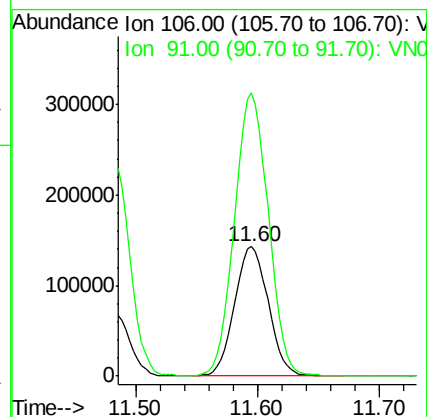
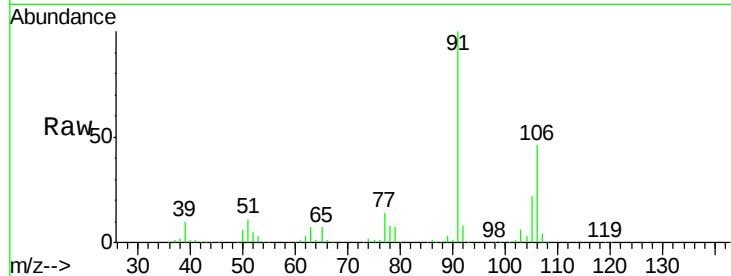




#67
m/p-Xvlenes
Concen: 38.900 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

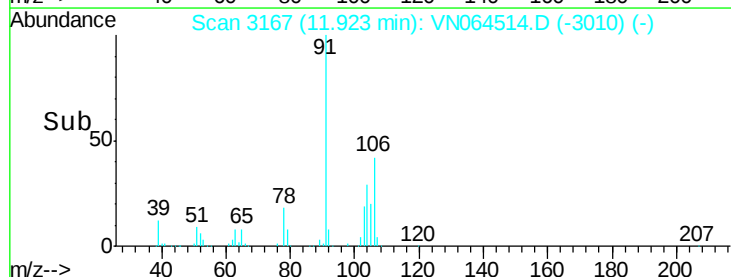
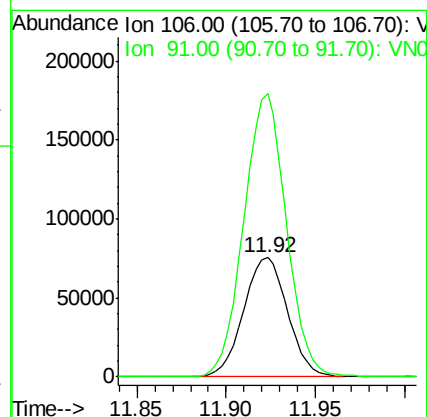
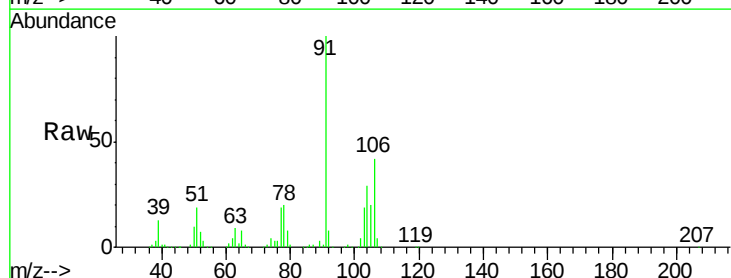
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

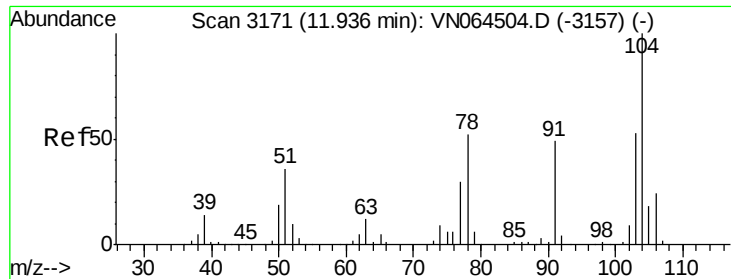
Tot Ion:106 Resp: 274128
Ion Ratio Lower Upper
106 100
91 219.3 168.8 253.2



#68
o-Xylene
Concen: 19.505 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion:106 Resp: 130076
Ion Ratio Lower Upper
106 100
91 230.9 109.7 329.2

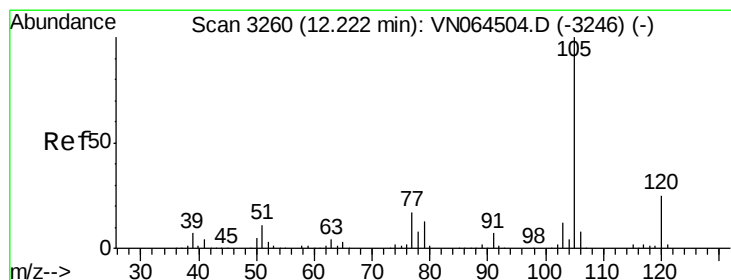
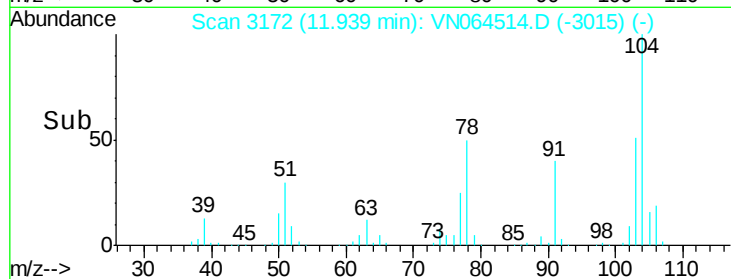
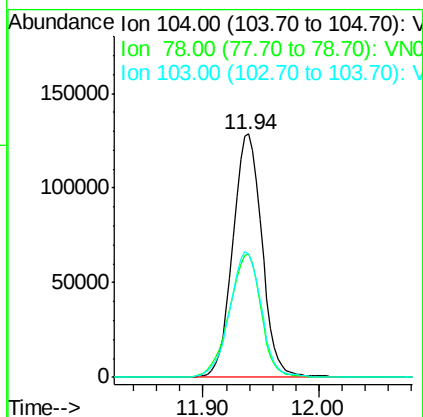
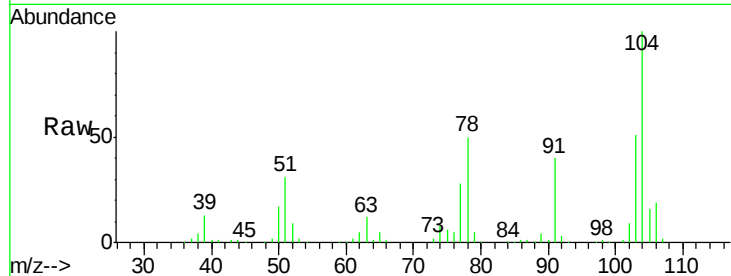




#69
Stvrene
Concen: 19.606 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

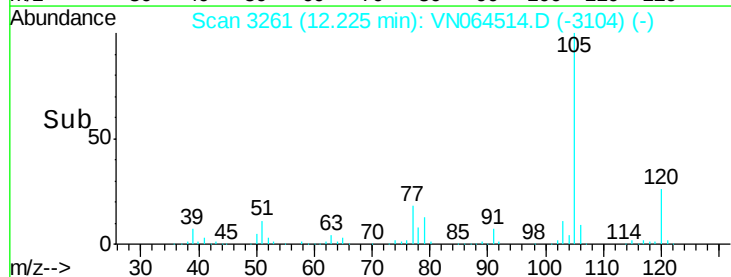
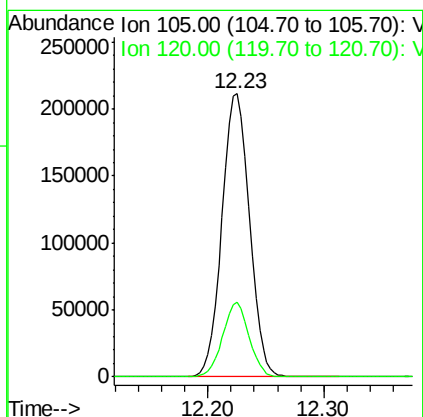
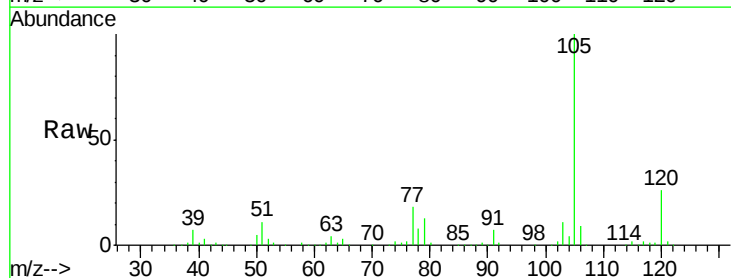
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

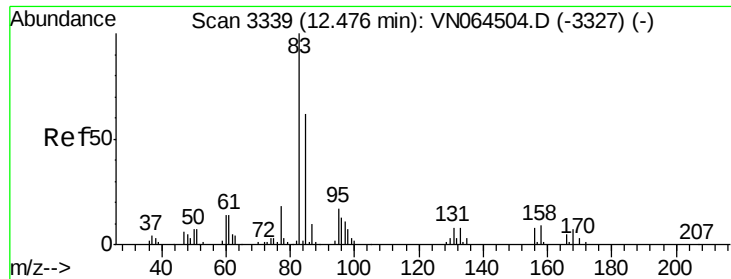
Tot Ion:104 Resp: 223918
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 55.8 44.6 67.0



#70
Isopropylbenzene
Concen: 19.889 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion:105 Resp: 347174
Ion Ratio Lower Upper
105 100
120 25.2 17.9 33.3

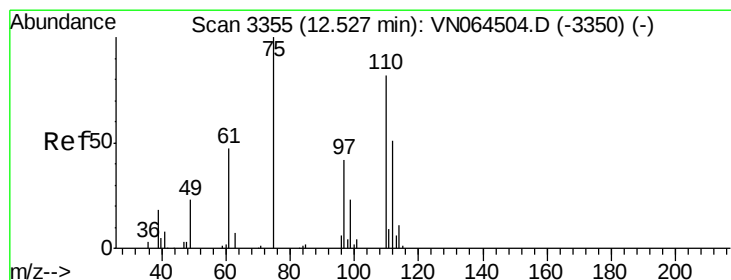
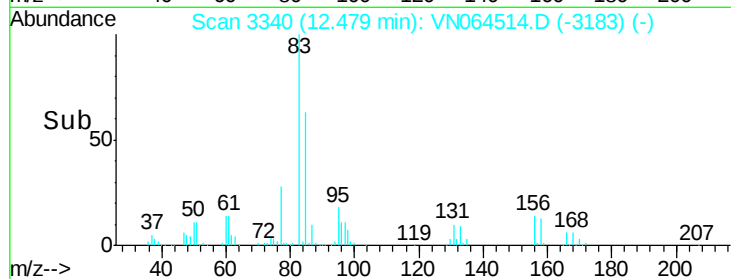
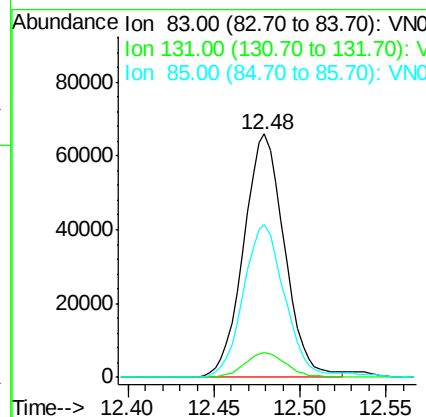
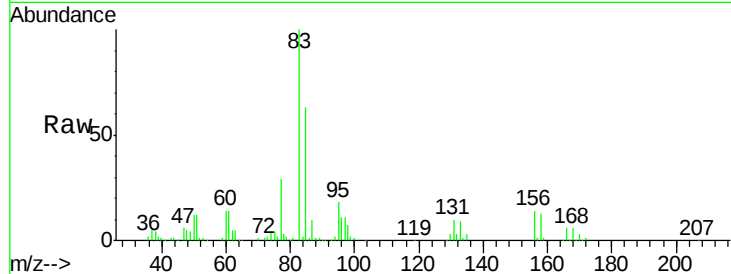




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.513 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

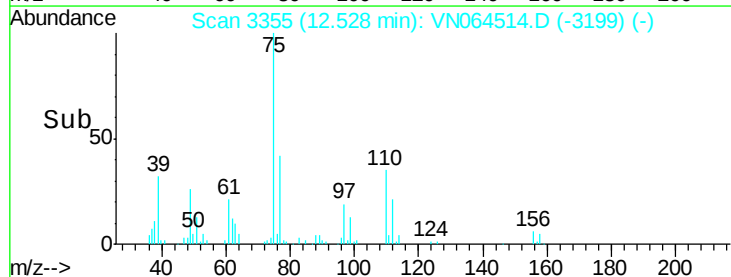
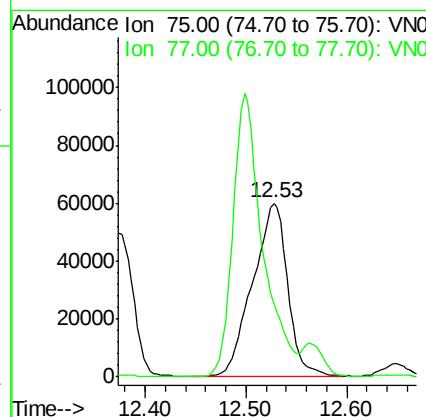
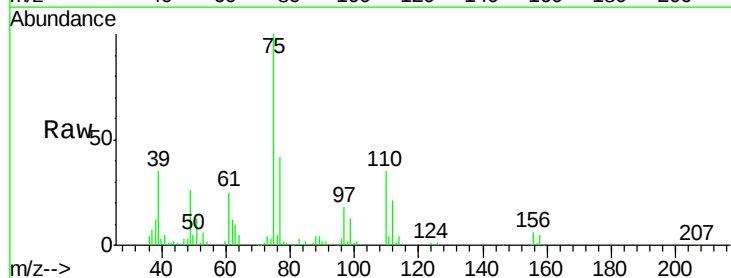
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

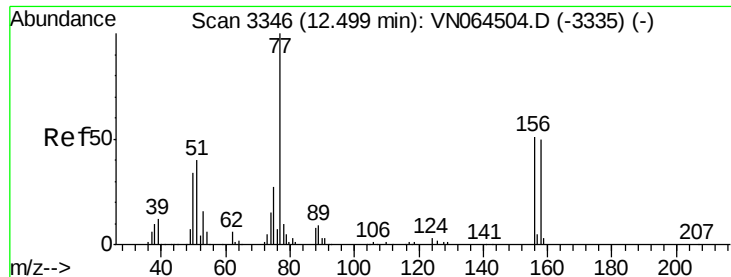
Tot Ion: 83 Resp: 109075
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.6 13.8
 85 63.0 31.4 94.0



#72
 1,2,3-Trichloropropane
 Concen: 26.049 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion: 75 Resp: 145220
 Ion Ratio Lower Upper
 75 100
 77 138.4 0.0 379.4





#73

Bromobenzene

Concen: 19.524 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

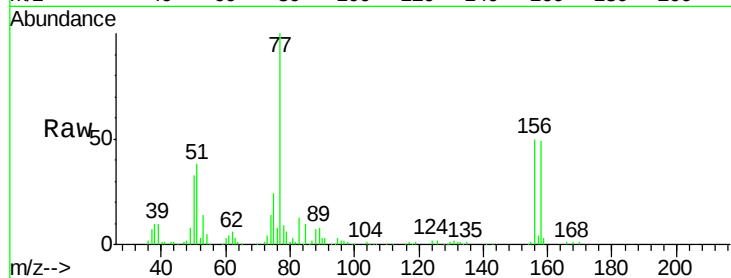
Tot Ion:156 Resp: 84303

Ion Ratio Lower Upper

156 100

77 238.4 0.0 480.2

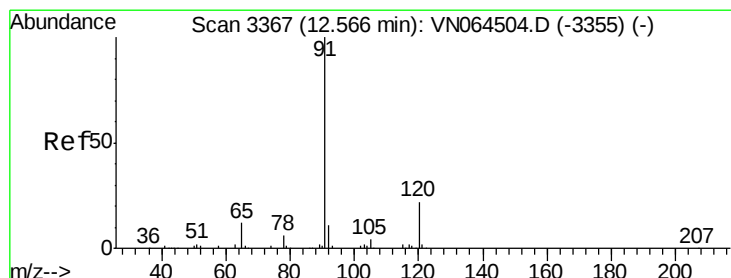
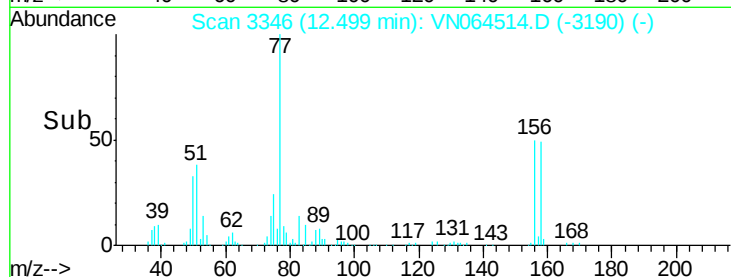
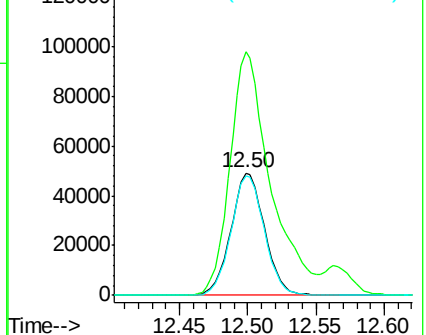
158 96.3 0.0 194.0



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: 19.945 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064514.D

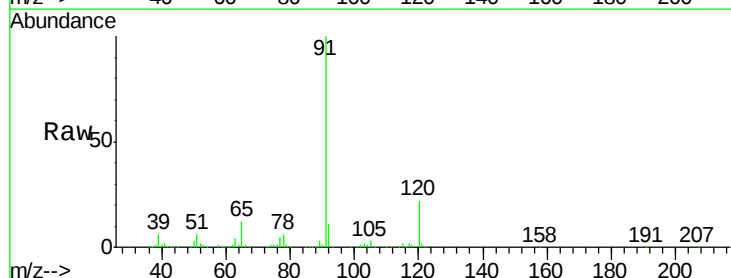
Acq: 9 Nov 2020 18:22

Tgt Ion: 91 Resp: 409508

Ion Ratio Lower Upper

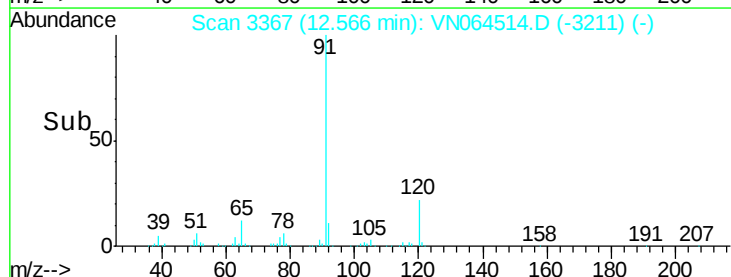
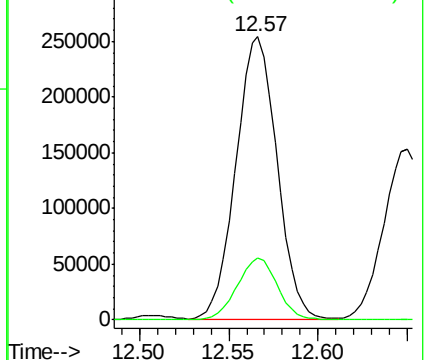
91 100

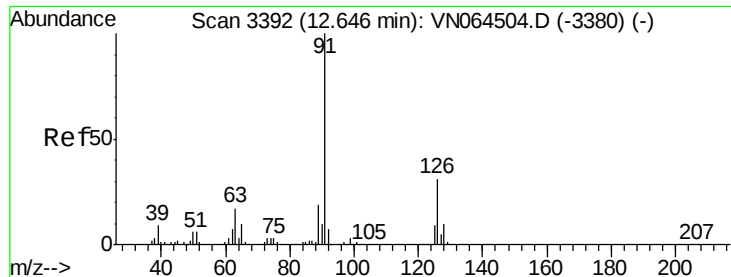
120 21.4 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.062 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

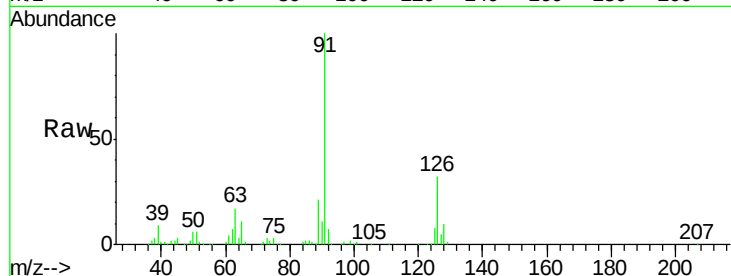
VN1109WBSD01

Tot Ion: 91 Resp: 258987

Ion Ratio Lower Upper

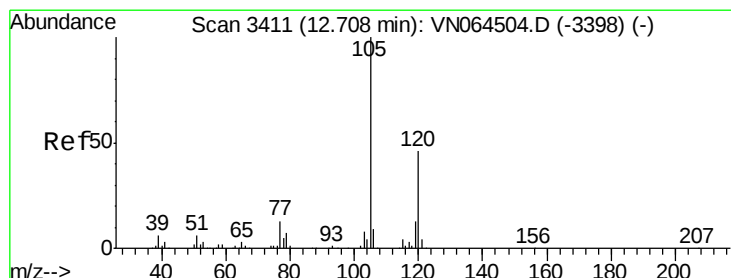
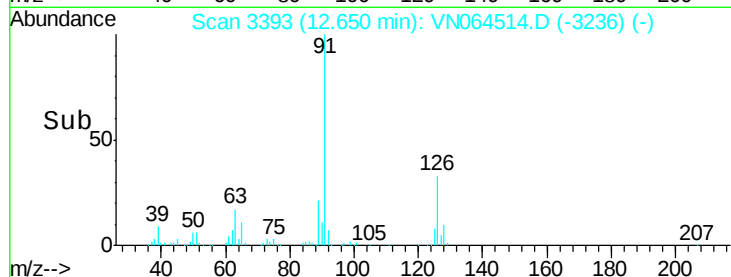
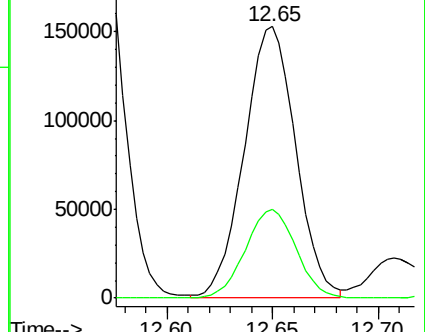
91 100

126 32.2 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064514.D (-3392) (-)

Ion 126.00 (125.70 to 126.70): VN064514.D (-3392) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.670 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064514.D

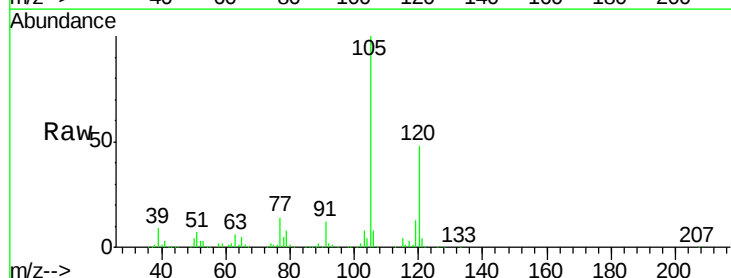
Acq: 9 Nov 2020 18:22

Tgt Ion: 105 Resp: 289837

Ion Ratio Lower Upper

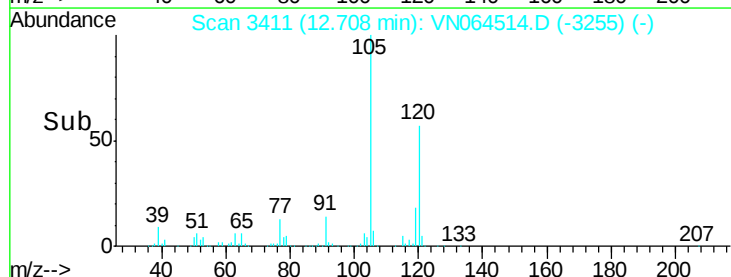
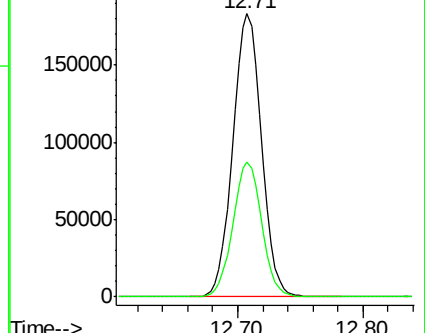
105 100

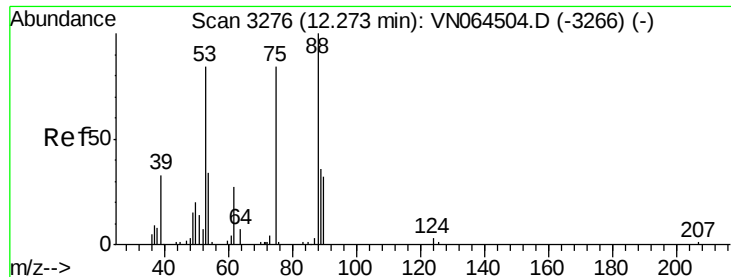
120 47.7 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064514.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064514.D (-3411) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.731 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

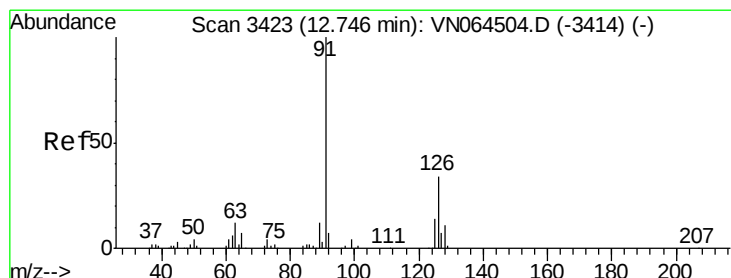
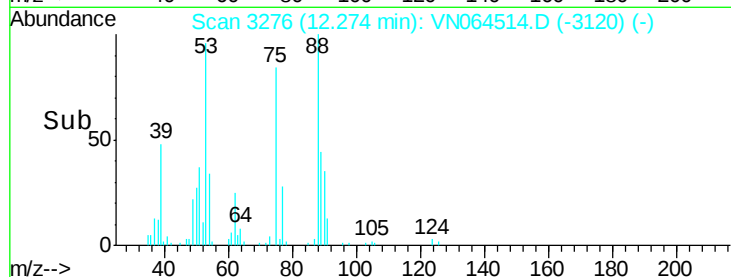
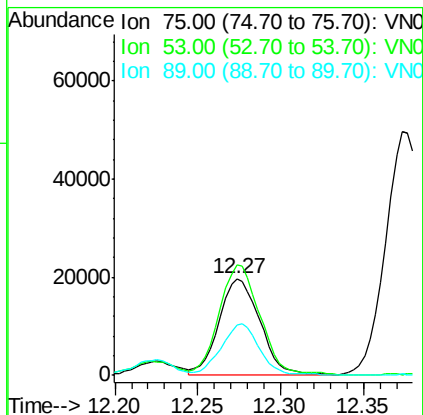
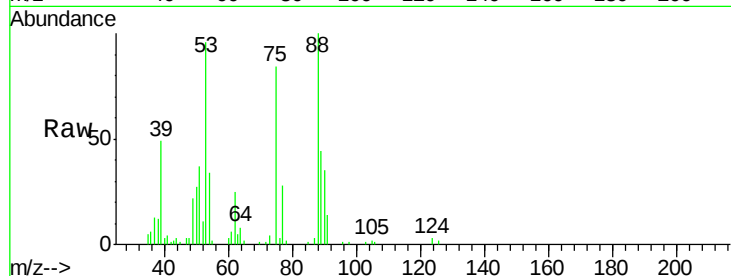
Tot Ion: 75 Resp: 34007

Ion Ratio Lower Upper

75 100

53 115.1 50.3 150.9

89 52.4 23.3 69.8



#78

4-Chlorotoluene

Concen: 19.462 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064514.D

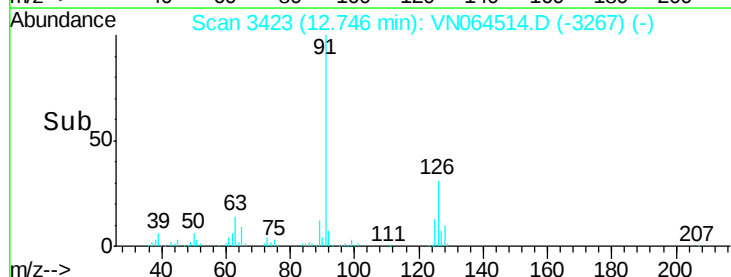
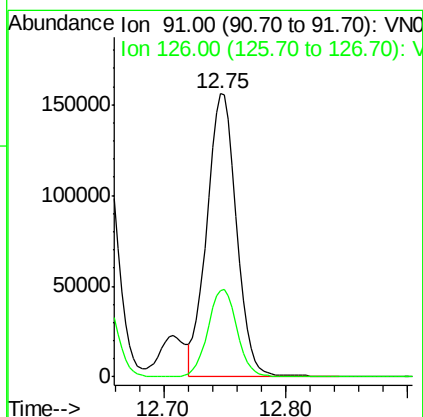
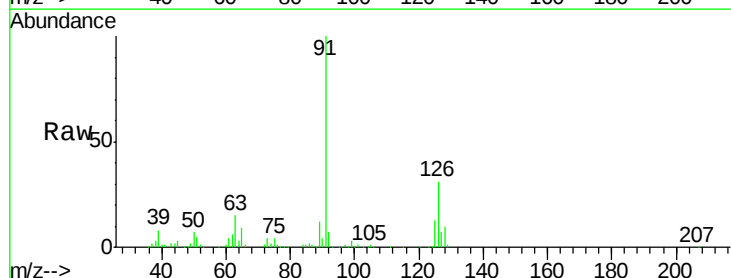
Acq: 9 Nov 2020 18:22

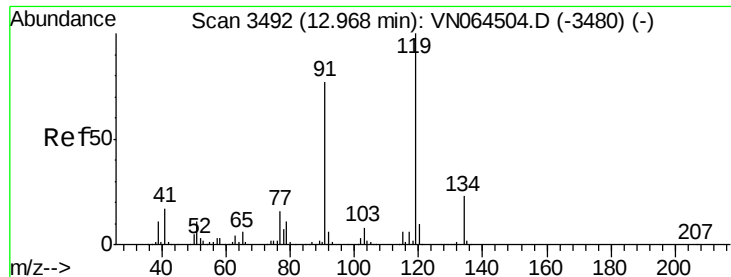
Tgt Ion: 91 Resp: 263991

Ion Ratio Lower Upper

91 100

126 30.2 0.0 61.8

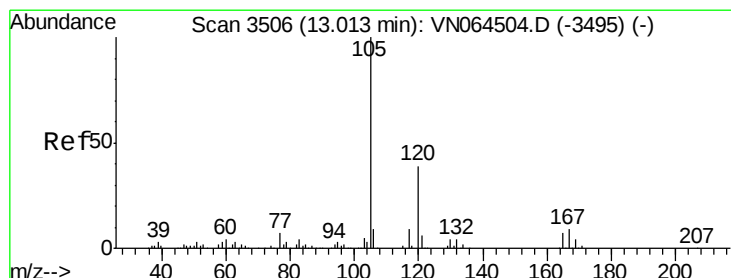
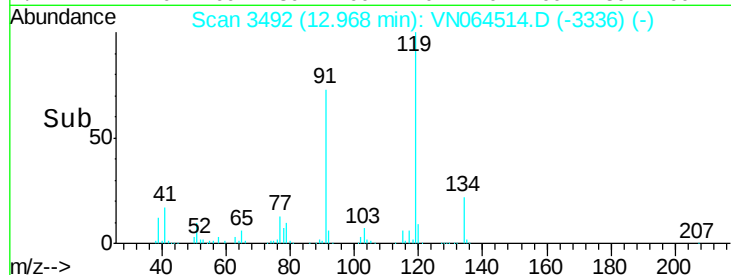
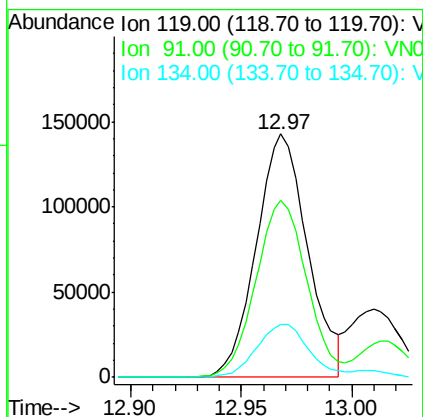
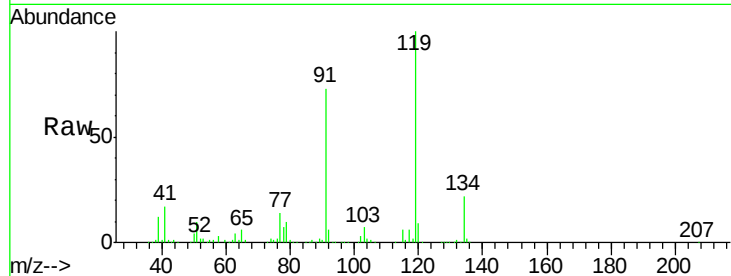




#79
tert-butylbenzene
Concen: 19.918 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

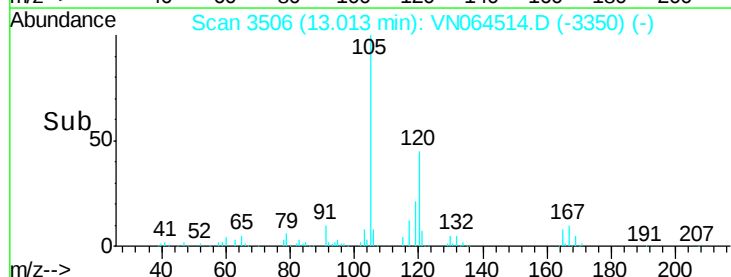
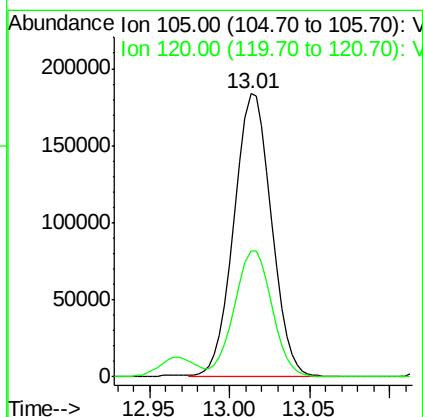
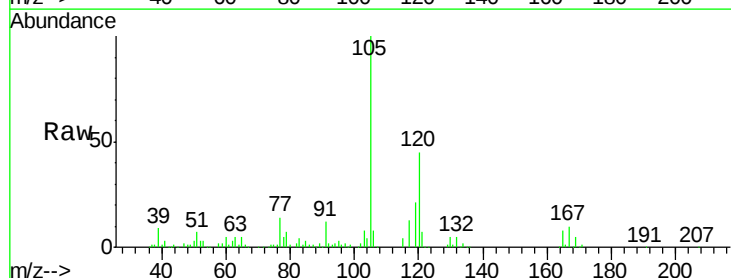
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

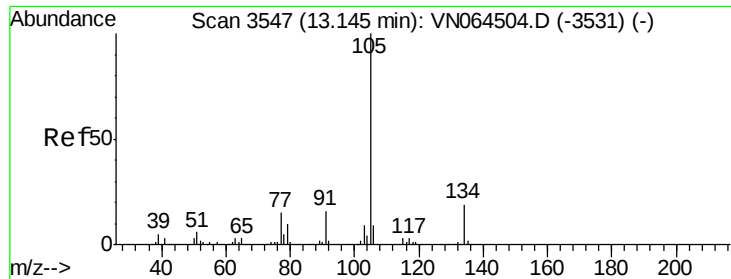
Tot Ion:119 Resp: 230330
Ion Ratio Lower Upper
119 100
91 72.0 0.0 147.8
134 22.1 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 19.710 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion:105 Resp: 292676
Ion Ratio Lower Upper
105 100
120 45.0 0.0 88.6

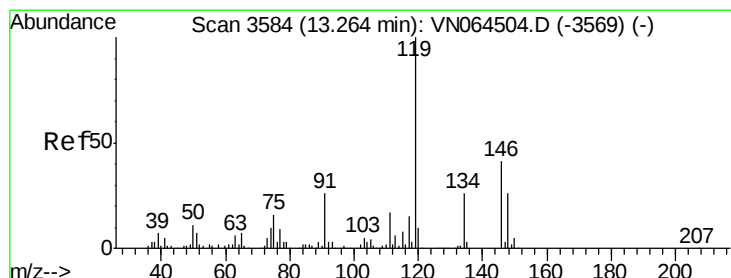
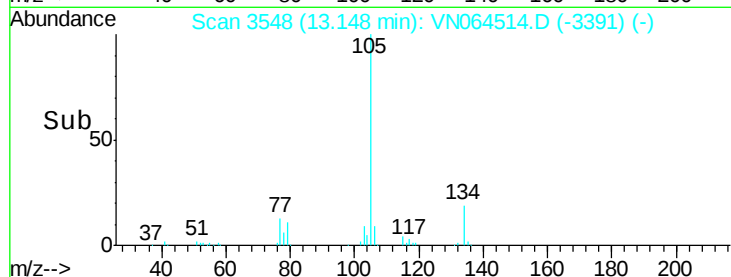
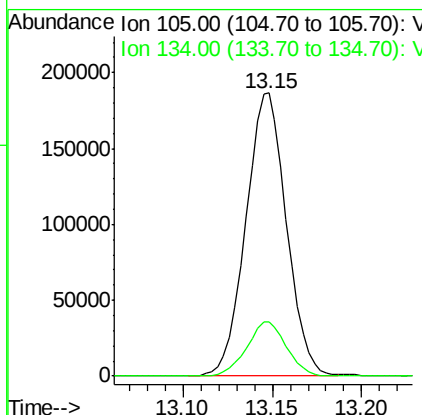
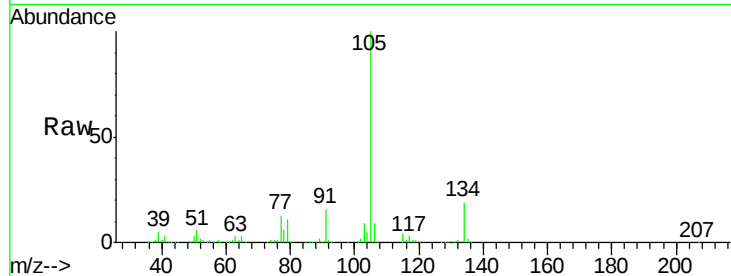




#81
 sec-Butylbenzene
 Concen: 19.257 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

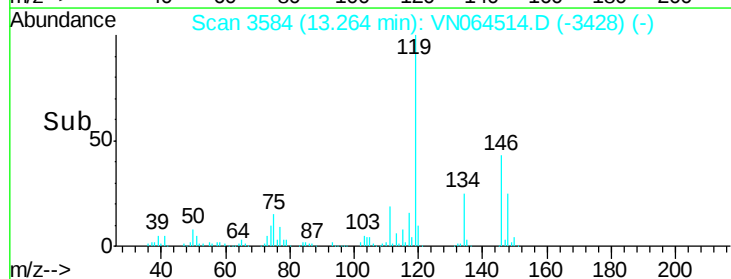
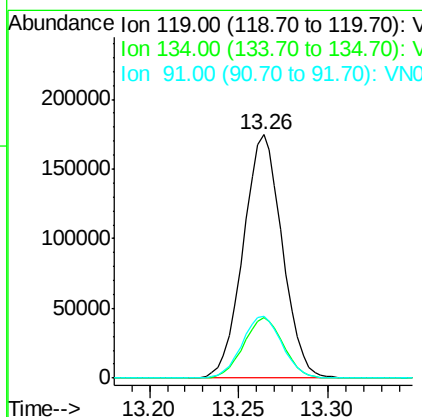
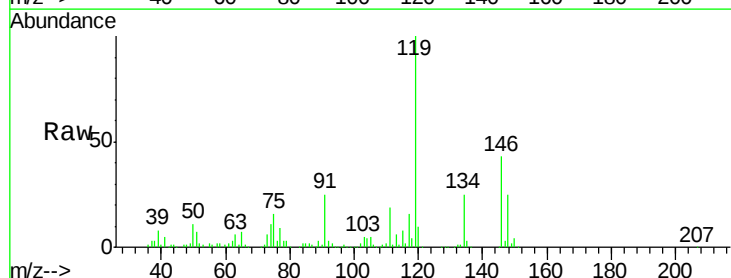
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBSD01

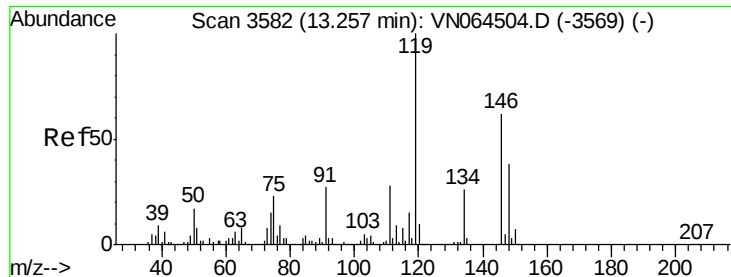
Tot Ion:105 Resp: 295182
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 19.530 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064514.D
 Acq: 9 Nov 2020 18:22

Tgt Ion:119 Resp: 267443
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 53.0
 91 26.2 0.0 53.2





#83

1,3-Dichlorobenzene

Concen: 19.334 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

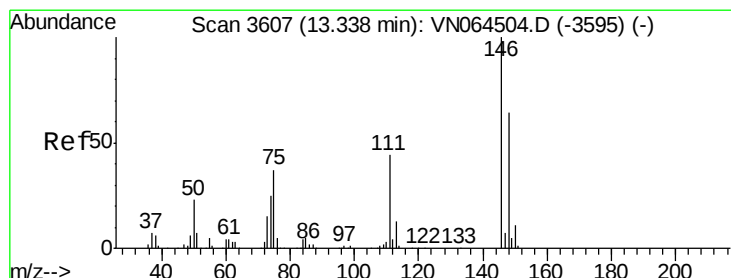
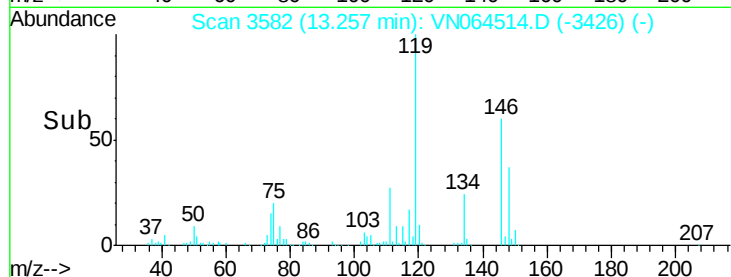
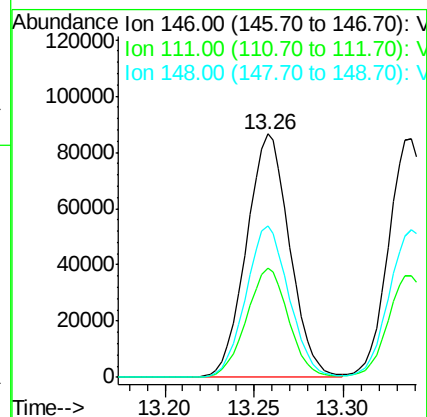
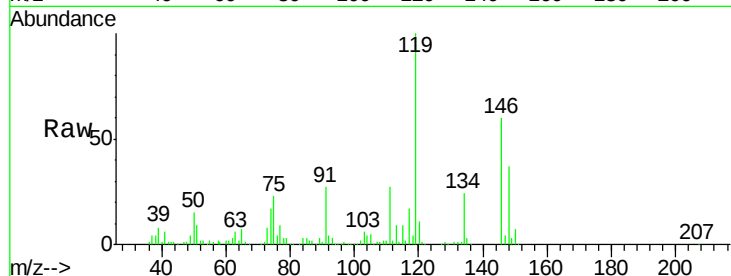
Tot Ion:146 Resp: 146867

Ion Ratio Lower Upper

146 100

111 43.5 22.3 66.9

148 62.0 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 18.732 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

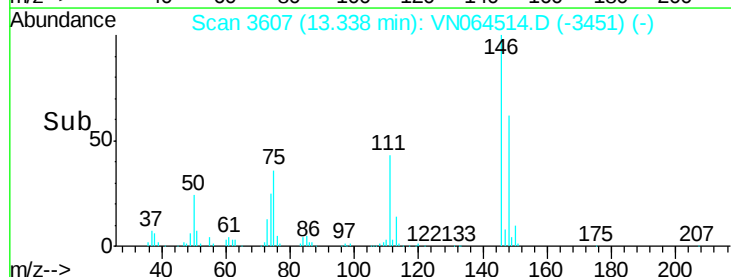
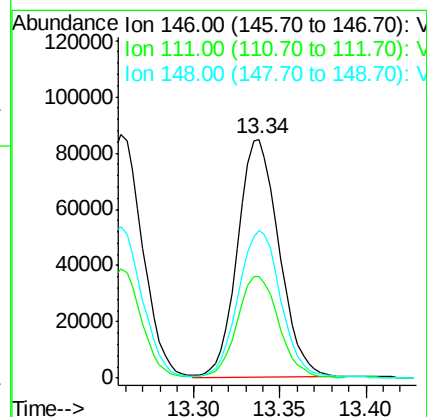
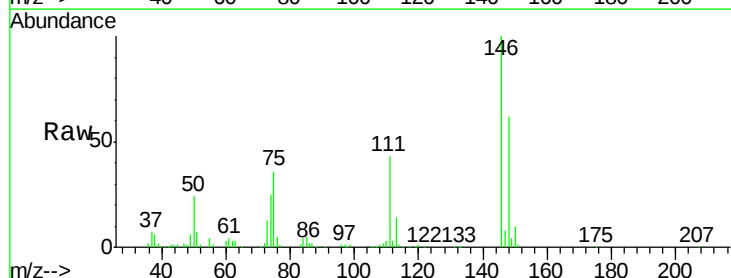
Tgt Ion:146 Resp: 141525

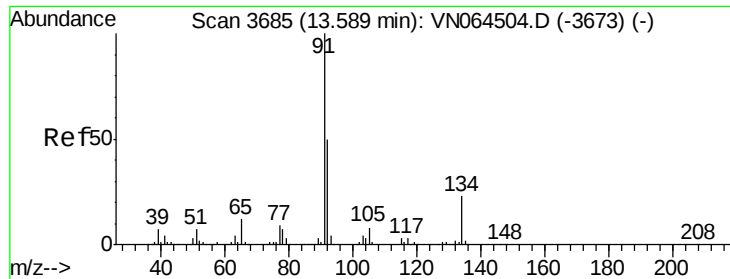
Ion Ratio Lower Upper

146 100

111 43.7 21.8 65.4

148 63.7 31.5 94.5

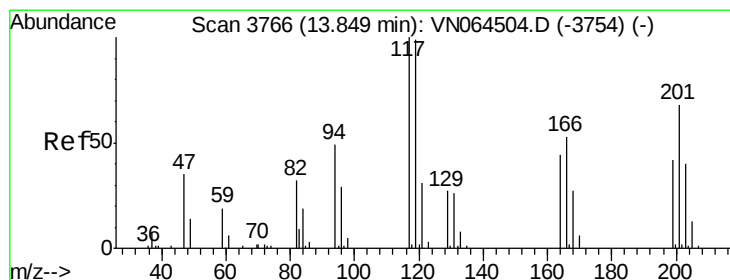
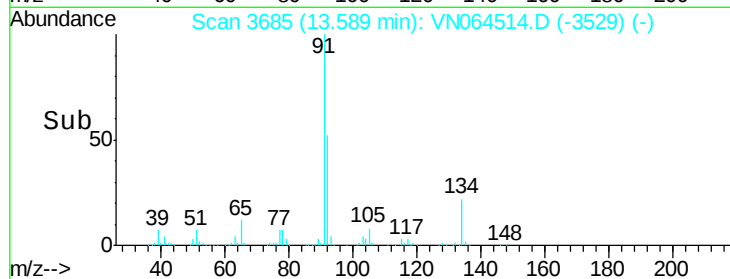
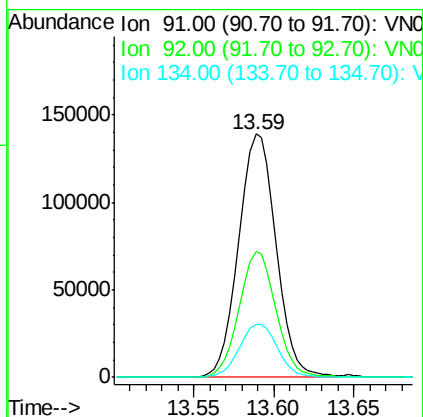
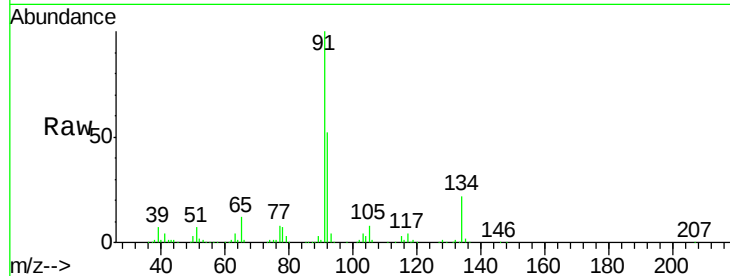




#85
n-Butylbenzene
Concen: 18.691 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

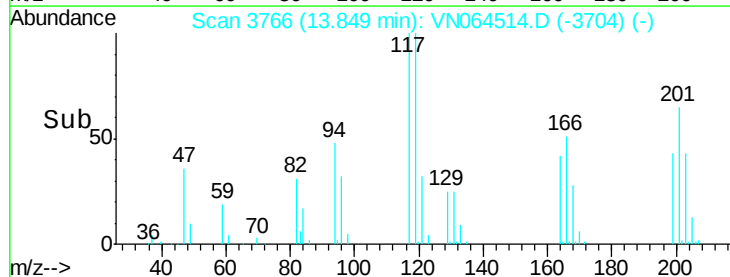
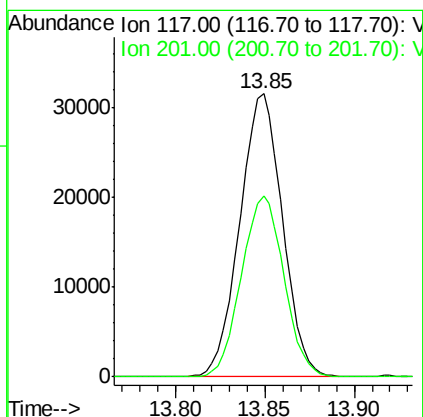
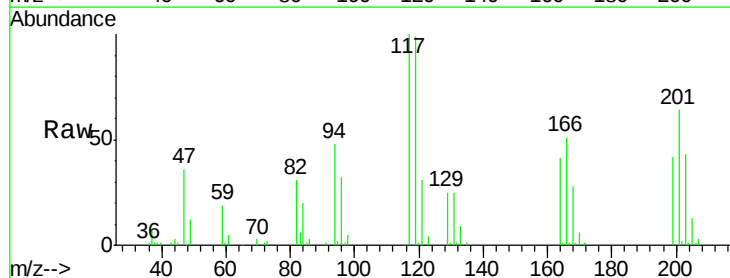
Instrument :
MSVOA_N
ClientSampled :
VN1109WBSD01

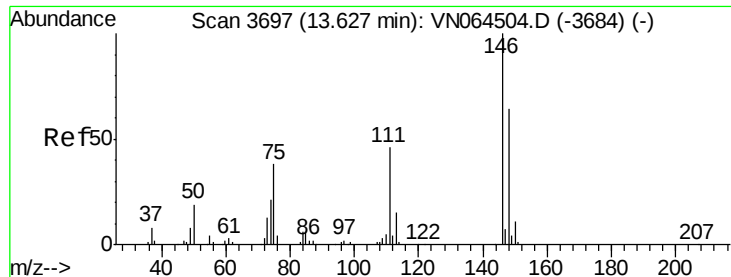
Tot Ion: 91 Resp: 221907
Ion Ratio Lower Upper
91 100
92 50.9 0.0 101.4
134 22.4 0.0 45.2



#86
Hexachloroethane
Concen: 19.371 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion: 117 Resp: 52861
Ion Ratio Lower Upper
117 100
201 63.6 33.1 99.3





#87

1,2-Dichlorobenzene

Concen: 19.806 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

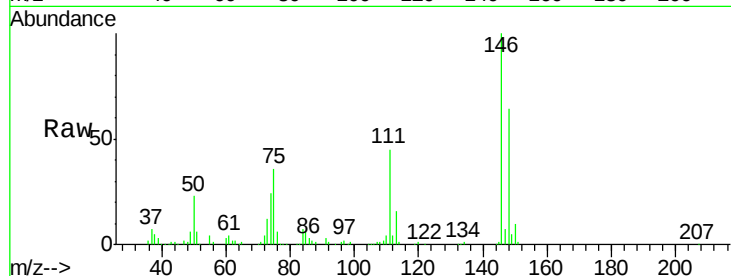
Tot Ion:146 Resp: 146534

Ion Ratio Lower Upper

146 100

111 44.9 23.1 69.2

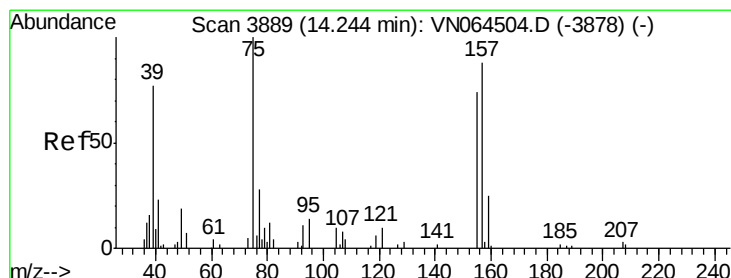
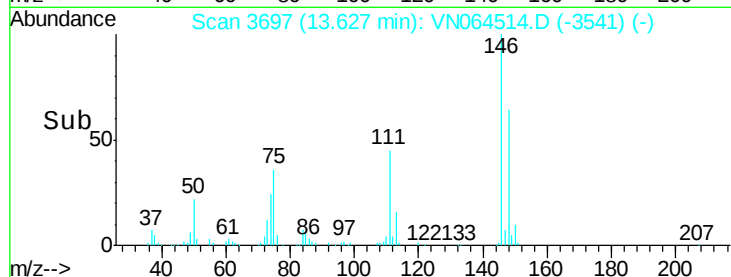
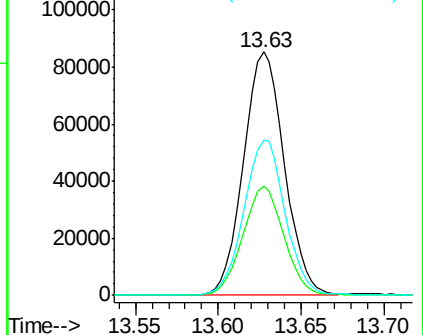
148 64.5 32.6 97.8



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: 17.258 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

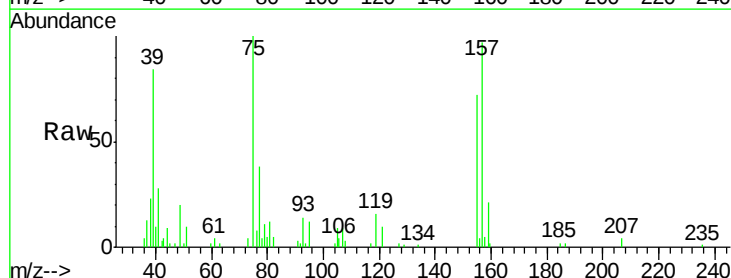
Tgt Ion: 75 Resp: 20842

Ion Ratio Lower Upper

75 100

155 72.8 56.5 84.7

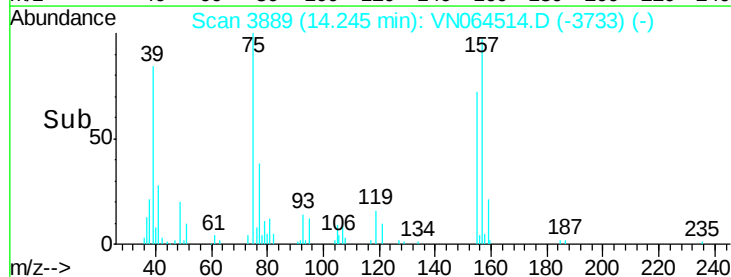
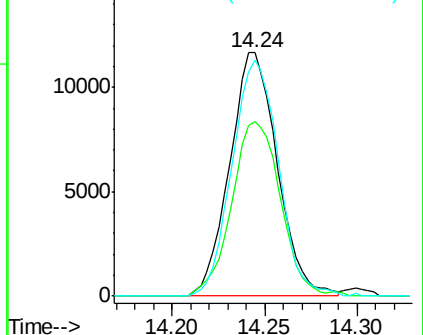
157 94.3 69.7 104.5

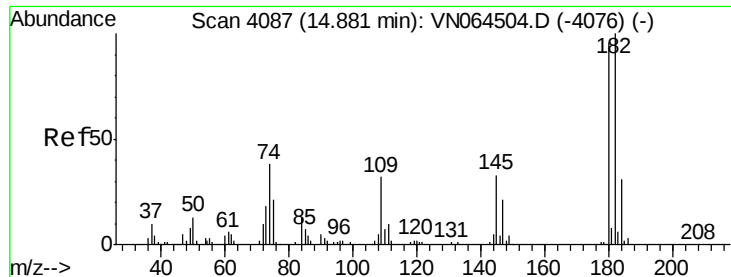


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

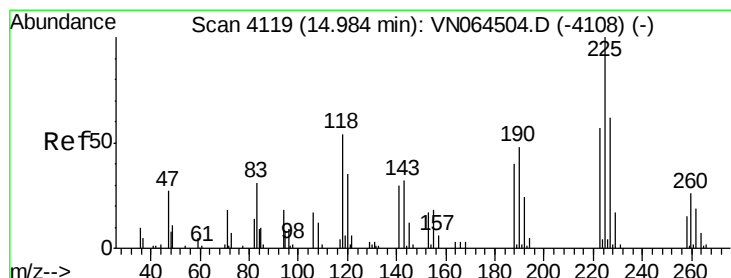
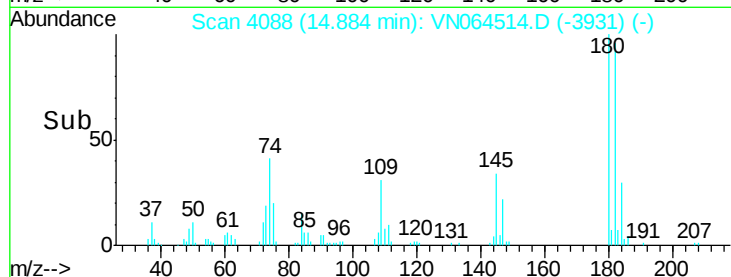
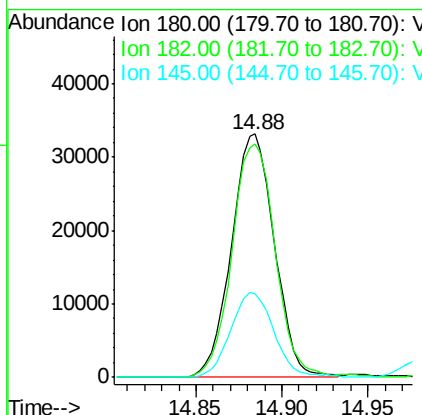
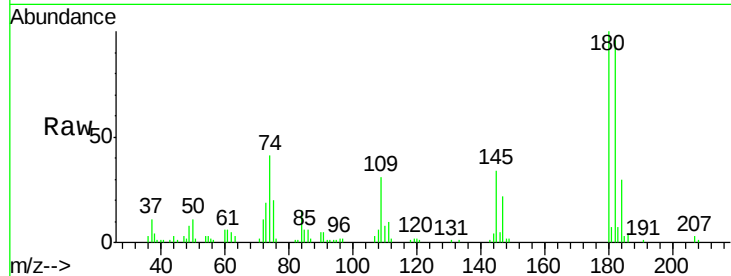




#89
1,2,4-Trichlorobenzene
Concen: 17.206 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

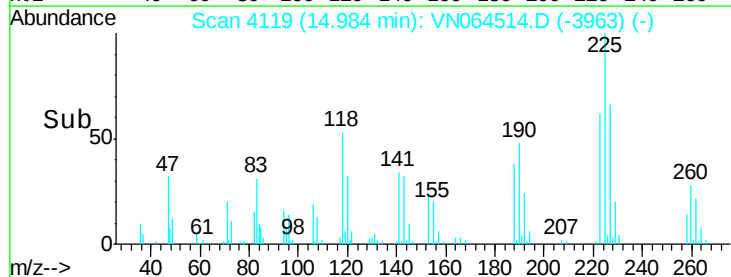
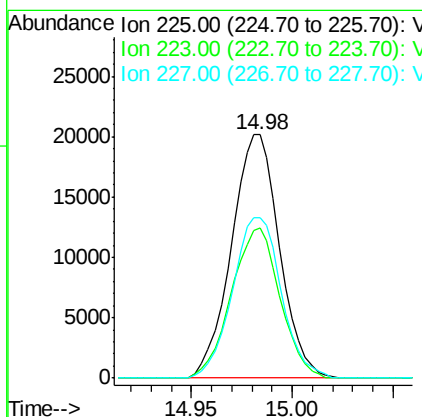
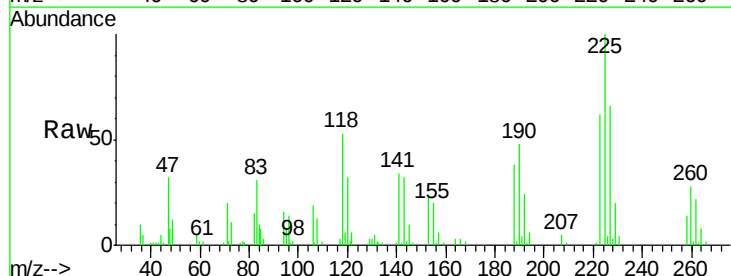
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBSD01

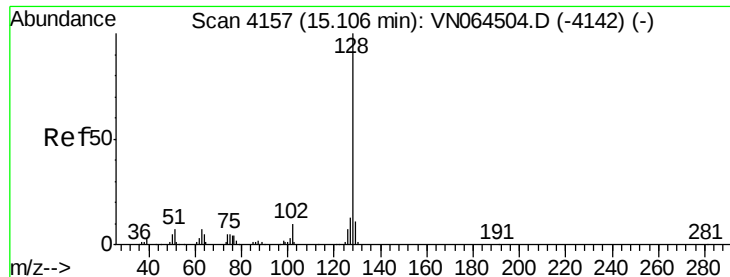
Tot Ion:180 Resp: 57798
Ion Ratio Lower Upper
180 100
182 96.1 79.4 119.0
145 35.0 27.6 41.4



#90
Hexachlorobutadiene
Concen: 20.081 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN064514.D
Acq: 9 Nov 2020 18:22

Tgt Ion:225 Resp: 33597
Ion Ratio Lower Upper
225 100
223 62.5 0.0 125.4
227 67.1 0.0 122.0





#91

Naphthalene

Concen: 15.618 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBSD01

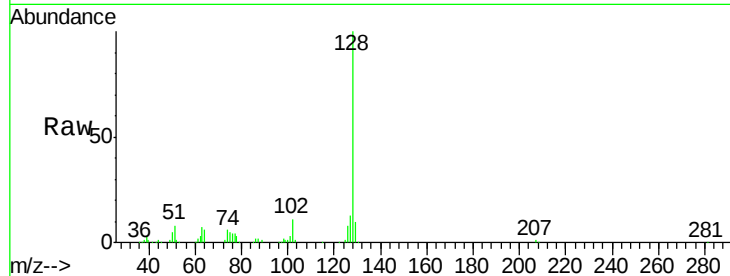
Tot Ion:128 Resp: 173558

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

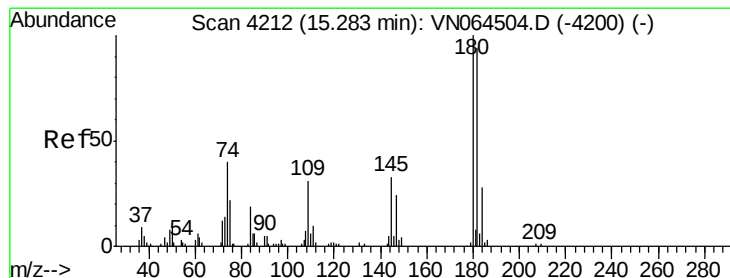
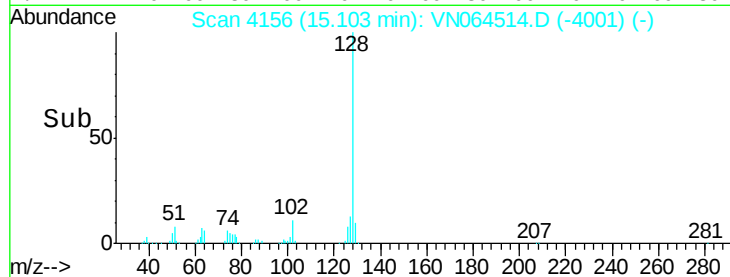
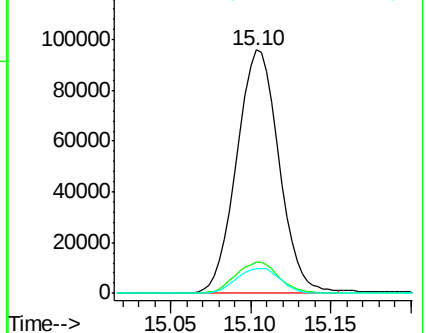
129 10.7 8.5 12.7



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



#92

1,2,3-Trichlorobenzene

Concen: 17.725 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064514.D

Acq: 9 Nov 2020 18:22

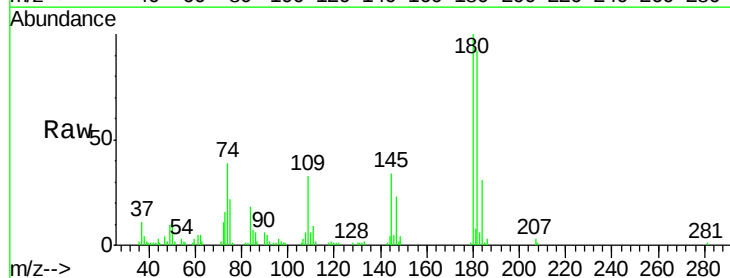
Tgt Ion:180 Resp: 60257

Ion Ratio Lower Upper

180 100

182 93.0 0.0 186.0

145 34.1 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

