

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064521.D
 Acq On : 10 Nov 2020 13:23
 Operator : JC/MD
 Sample : VN1110WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Quant Time: Nov 11 01:42:30 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	58377	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	317158	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	303357	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	163369	31.61	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.37%
60) 4-Bromofluorobenzene	12.38	95	151962	29.24	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.47%
63) Toluene-d8	10.06	98	417469	29.51	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	84328	21.569 ug/l	95
3) Chloromethane	2.04	50	93765	21.017 ug/l	97
4) Vinyl Chloride	2.17	62	100603	20.812 ug/l	100
5) Bromomethane	2.54	94	63306	20.011 ug/l	96
6) Chloroethane	2.68	64	64515	21.373 ug/l	96
7) Trichlorofluoromethane	2.99	101	156082	22.299 ug/l	99
8) Diethyl Ether	3.37	74	53542	21.418 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	73226	22.228 ug/l	53
10) 1,1-Dichloroethene	3.69	96	64261	20.391 ug/l	98
11) Methyl Iodide	3.91	142	78008	20.078 ug/l	97
12) Methyl Acetate	4.28	43	76632	19.944 ug/l	96
13) Acrolein	3.57	56	40130	103.279 ug/l	99
14) Acrylonitrile	4.93	53	80018	46.825 ug/l #	13
15) Acetone	3.78	58	53719	95.253 ug/l	93
16) Carbon Disulfide	4.01	76	195898	20.483 ug/l	100
17) Allyl chloride	4.27	41	118738	20.054 ug/l	99
18) Methylene Chloride	4.50	84	79022	21.117 ug/l	94
19) trans-1,2-Dichloroethene	4.98	96	75050	21.012 ug/l	93
20) Diisopropyl ether	5.90	45	259107	20.098 ug/l	89
21) 1,1-Dichloroethane	5.80	63	148486	20.944 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	82324	20.337 ug/l	97
23) tert-Butyl Alcohol	4.74	59	58198	99.461 ug/l #	100
24) Methyl tert-Butyl Ether	5.00	73	221645	19.884 ug/l #	72
25) Chloroform	7.33	83	157566	21.149 ug/l	98
26) Cyclohexane	7.61	56	105076	19.197 ug/l	95
29) 1,1-Dichloropropene	7.75	75	110475	20.072 ug/l	99
30) 2-Butanone	6.79	43	256025	93.970 ug/l #	82
31) 2,2-Dichloropropane	6.78	77	134790	20.617 ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	139068	20.599 ug/l	99
33) Carbon Tetrachloride	7.73	117	124758	20.693 ug/l	99
34) Benzene	8.00	78	325480	20.423 ug/l	99
35) Methacrylonitrile	7.13	41	41343	16.220 ug/l	95
36) 1,2-Dichloroethane	8.09	62	134538	20.572 ug/l	98
37) Trichloroethene	8.80	130	81629	20.258 ug/l	93
38) Methylcyclohexane	9.05	83	95149	19.113 ug/l	99
39) 1,2-Dichloropropane	9.08	63	88003	20.552 ug/l	98
40) Dibromomethane	9.17	93	61086	21.146 ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Quant Time: Nov 11 01:42:30 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	129825	20.736	ug/l	97
42) Vinyl Acetate	5.85	43	1059503	97.137	ug/l #	89
43) Ethyl Acetate	6.88	43	107077	20.198	ug/l #	87
44) Isopropyl Acetate	8.13	43	175740	19.204	ug/l	93
45) 1,4-Dioxane	9.17	88	24979	389.370	ug/l	96
46) Methyl methacrylate	9.17	41	86813	19.075	ug/l	99
47) n-amyl Acetate	12.05	43	141421	17.864	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	127757	19.256	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	142717	20.472	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	78983	19.943	ug/l	97
51) Ethyl methacrylate	10.40	69	105180	18.533	ug/l	95
52) 1,3-Dichloropropane	10.68	76	135595	19.929	ug/l	100
53) Dibromochloromethane	10.87	129	90870	20.034	ug/l	98
54) 1,2-Dibromoethane	10.98	107	81917	20.222	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	254226	85.597	ug/l	99
56) Bromoform	12.10	173	58582	19.682	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	534316	95.913	ug/l	99
59) 2-Hexanone	10.72	43	391470	93.299	ug/l	99
61) Tetrachloroethene	10.60	164	78715	20.759	ug/l	98
62) Toluene	10.13	91	355774	19.970	ug/l	100
64) Chlorobenzene	11.41	112	211483	19.971	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	83229	20.105	ug/l	99
66) Ethyl Benzene	11.48	91	365232	18.996	ug/l	99
67) m/p-Xylenes	11.59	106	274842	38.729	ug/l	98
68) o-Xylene	11.92	106	130130	19.377	ug/l	98
69) Styrene	11.94	104	222933	19.384	ug/l	98
70) Isopropylbenzene	12.22	105	343425	19.537	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	107333	19.067	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	152247	27.119	ug/l	59
73) Bromobenzene	12.50	156	83502	19.203	ug/l	98
74) n-propylbenzene	12.57	91	407137	19.692	ug/l	100
75) 2-Chlorotoluene	12.65	91	251675	19.360	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	296105	19.955	ug/l	99
77) t-1,4-Dichloro-2-butene	12.28	75	34783	16.993	ug/l	91
78) 4-Chlorotoluene	12.75	91	256776	18.798	ug/l	99
79) tert-butylbenzene	12.97	119	220195	18.909	ug/l	99
80) 1,2,4-Trimethylbenzene	13.02	105	291010	19.461	ug/l	100
81) sec-Butylbenzene	13.14	105	294066	19.050	ug/l	100
82) p-Isopropyltoluene	13.26	119	263381	19.099	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	149740	19.575	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	141205	18.560	ug/l	99
85) n-Butylbenzene	13.59	91	217895	18.225	ug/l	98
86) Hexachloroethane	13.85	117	52157	18.980	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	144130	19.345	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	21286	17.503	ug/l	99
89) 1,2,4-Trichlorobenzene	14.88	180	56647	16.746	ug/l	99
90) Hexachlorobutadiene	14.98	225	31872	18.917	ug/l	99
91) Naphthalene	15.11	128	174351	15.580	ug/l	100
92) 1,2,3-Trichlorobenzene	15.29	180	60600	17.701	ug/l	97

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Quant Time: Nov 11 01:42:30 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

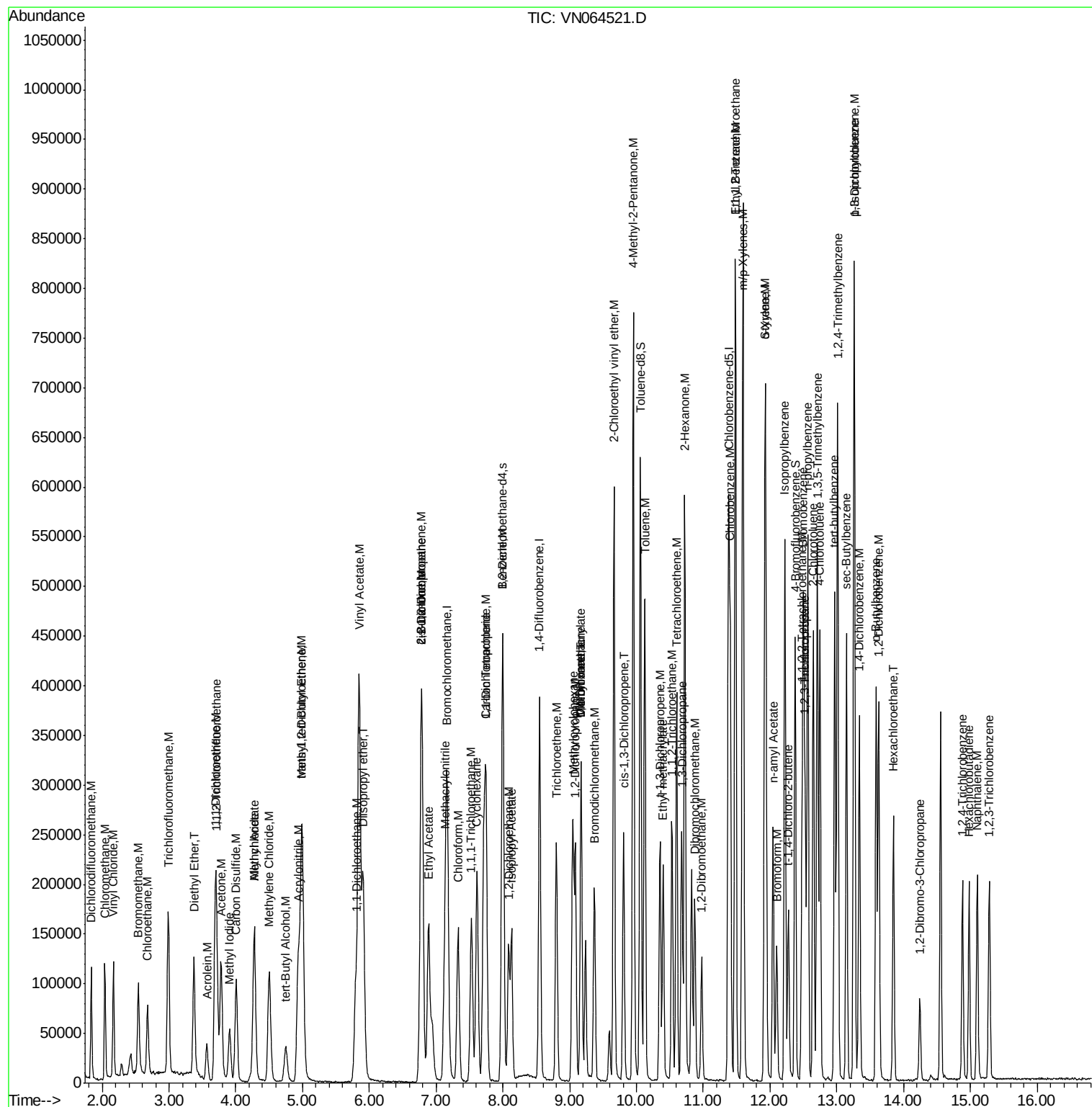
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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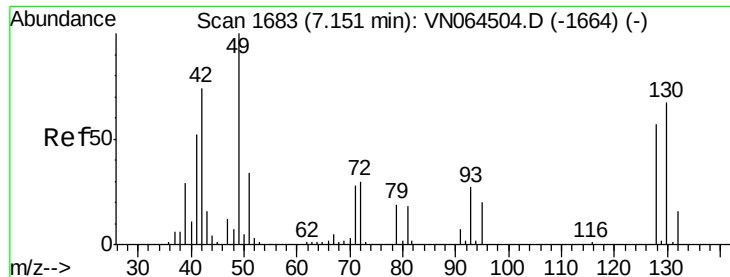
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064521.D
Acq On : 10 Nov 2020 13:23
Operator : JC/MD
Sample : VN1110WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

Quant Time: Nov 11 01:42:30 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





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

VN1110WBS01

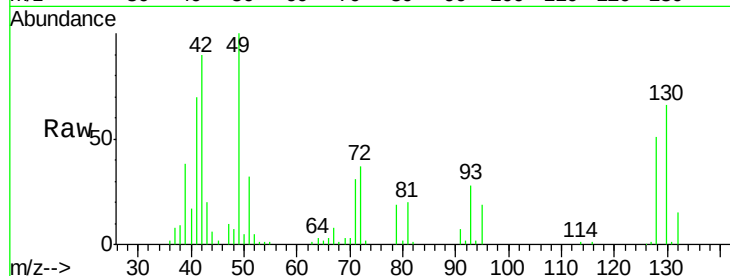
Tot Ion:128 Resp: 58377

Ion Ratio Lower Upper

128 100

49 196.2 0.0 475.5

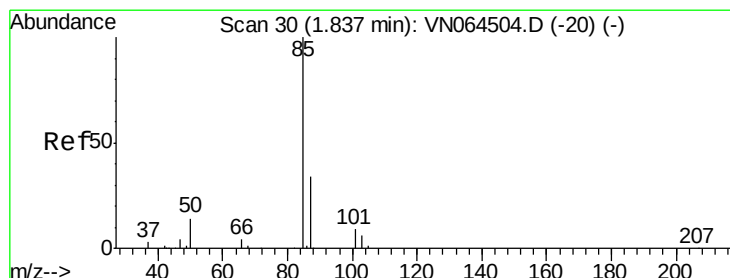
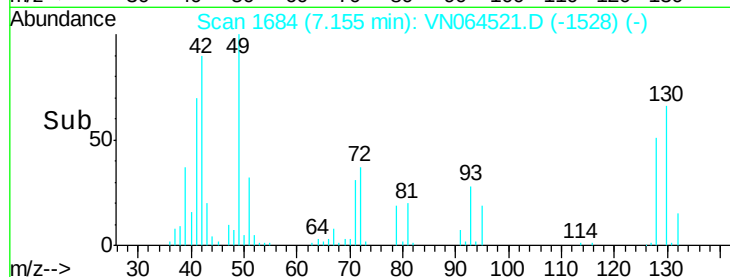
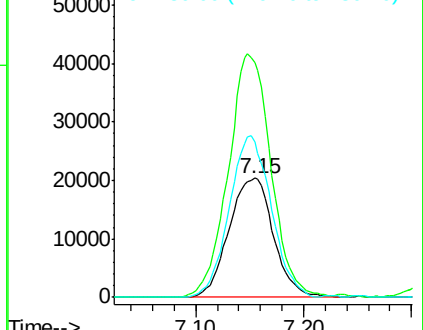
130 128.5 0.0 315.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.569 ug/l

RT: 1.84 min Scan# 30

Delta R.T. -0.00 min

Lab File: VN064521.D

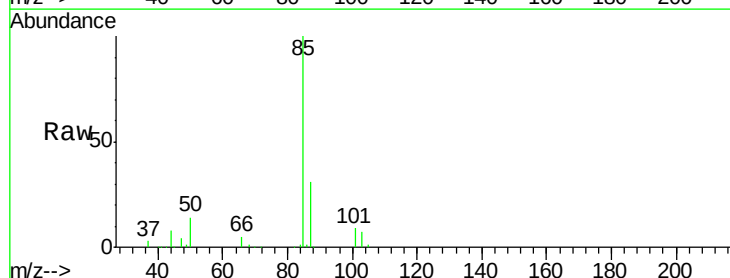
Acq: 10 Nov 2020 13:23

Tgt Ion: 85 Resp: 84328

Ion Ratio Lower Upper

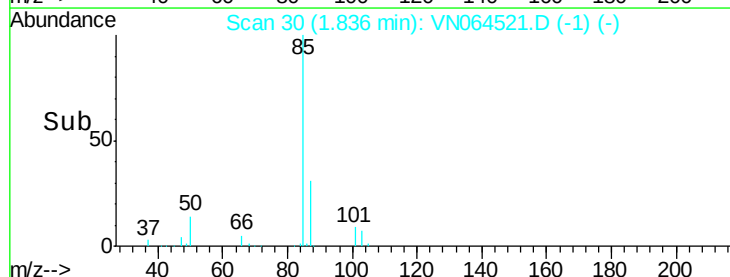
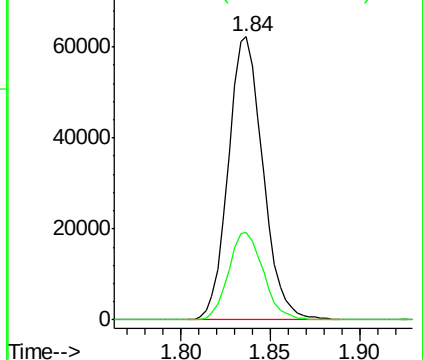
85 100

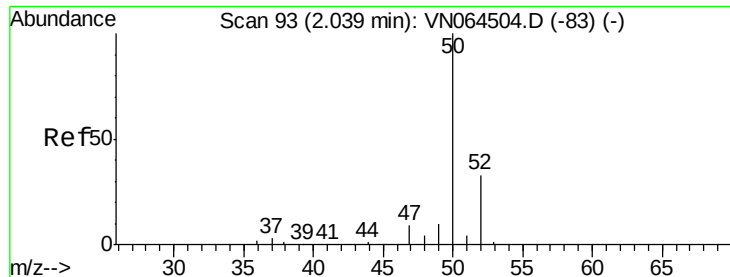
87 30.9 17.0 50.9



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 21.017 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

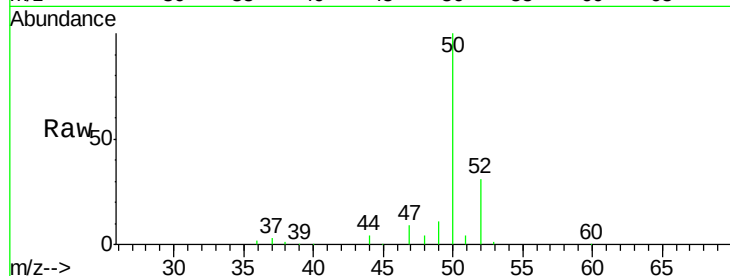
VN1110WBS01

Tot Ion: 50 Resp: 93765

Ion Ratio Lower Upper

50 100

52 31.1 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

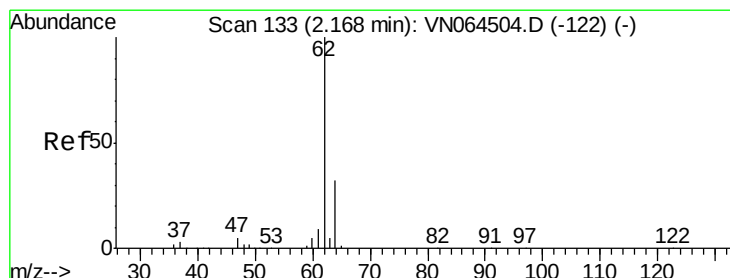
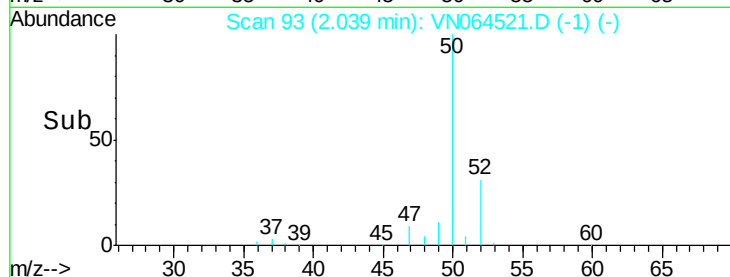
40000

20000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 20.812 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064521.D

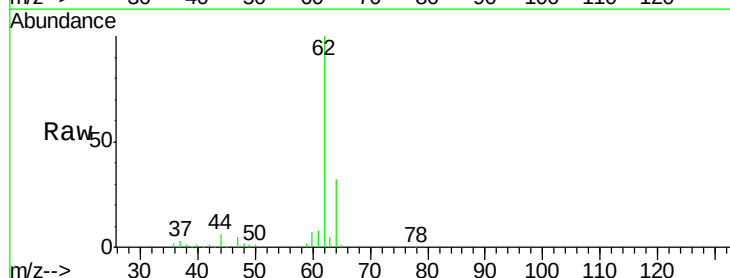
Acq: 10 Nov 2020 13:23

Tgt Ion: 62 Resp: 100603

Ion Ratio Lower Upper

62 100

64 32.1 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

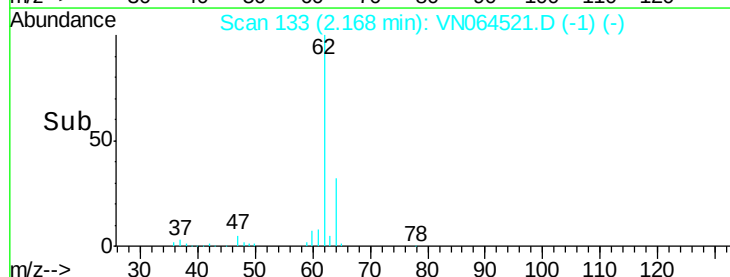
40000

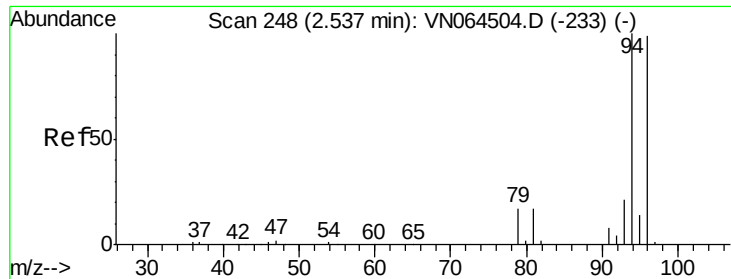
20000

0

Time-->

2.10 2.15 2.20

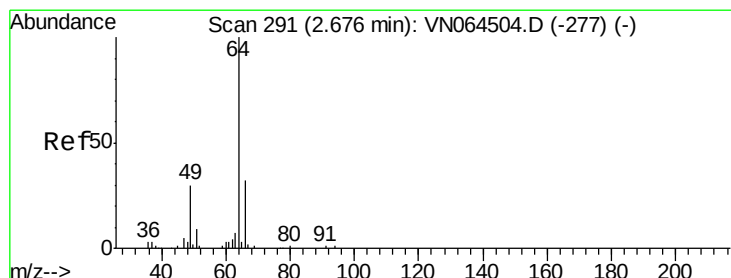
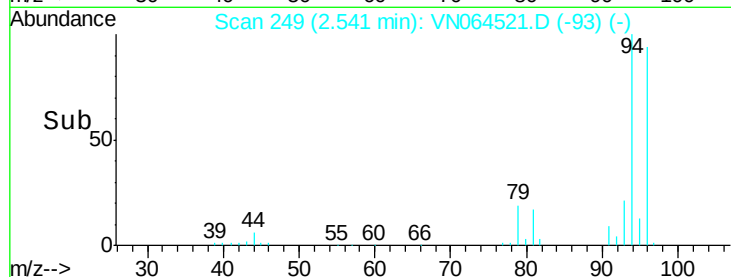
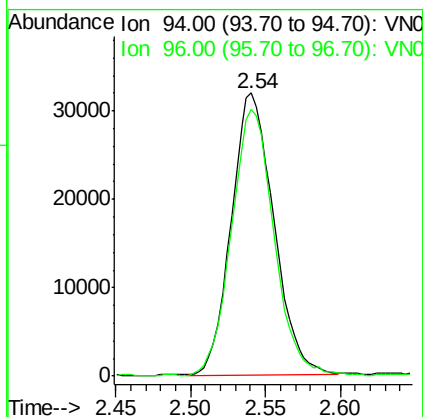
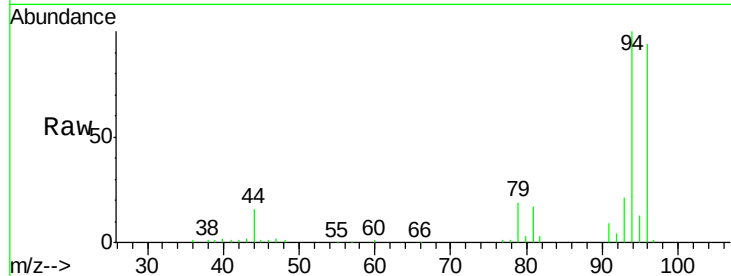




#5
Bromomethane
Concen: 20.011 ug/l
RT: 2.54 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

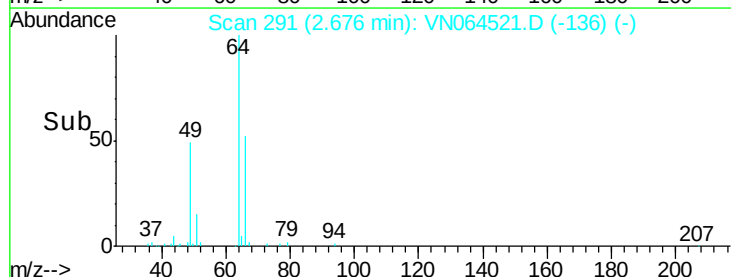
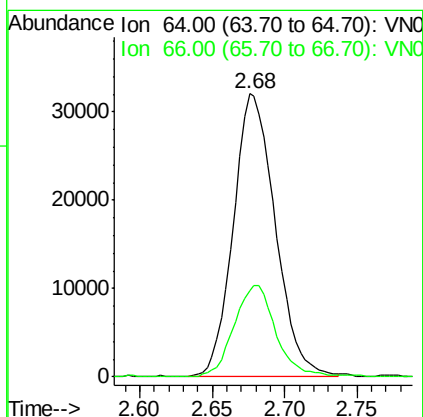
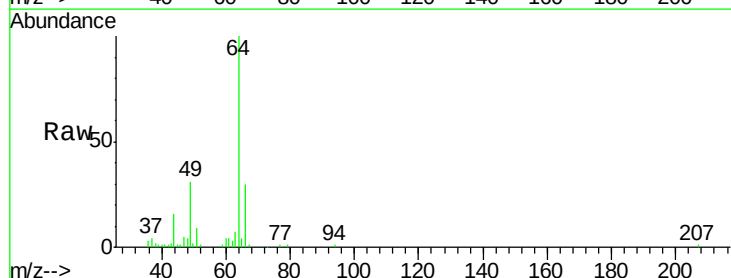
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

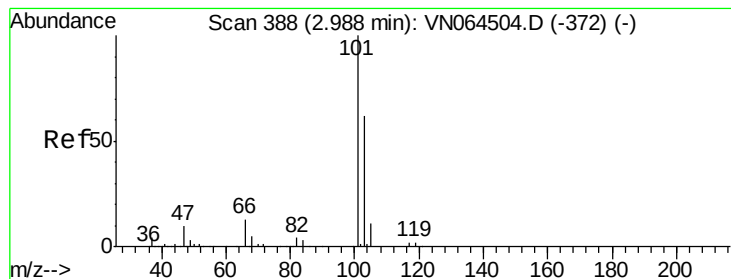
Tot Ion: 94 Resp: 63306
Ion Ratio Lower Upper
94 100
96 95.1 79.3 118.9



#6
Chloroethane
Concen: 21.373 ug/l
RT: 2.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 64 Resp: 64515
Ion Ratio Lower Upper
64 100
66 30.4 26.0 39.0



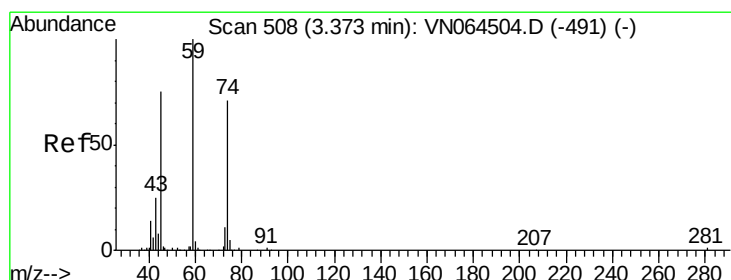
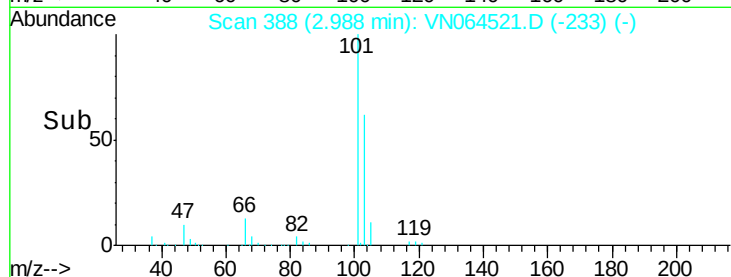
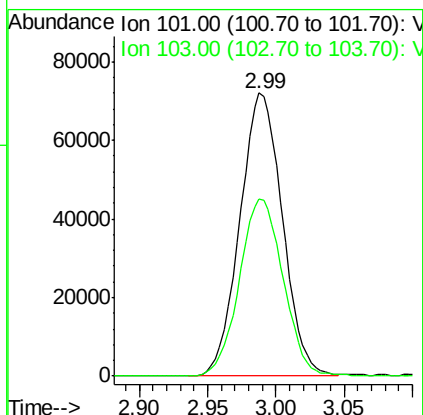
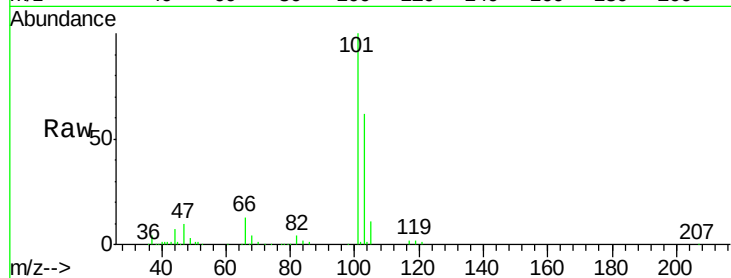


#7

Trichlorofluoromethane
Concen: 22.299 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

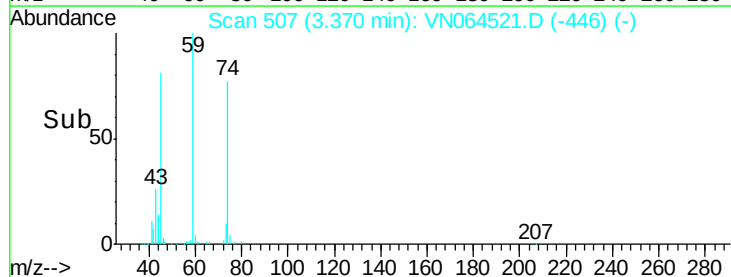
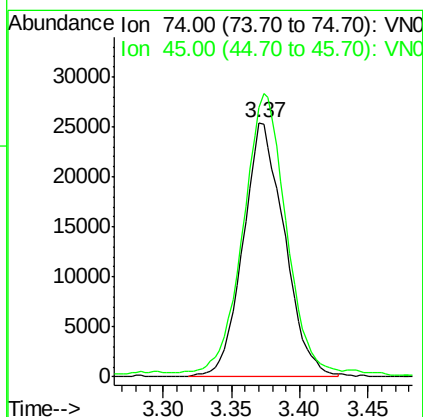
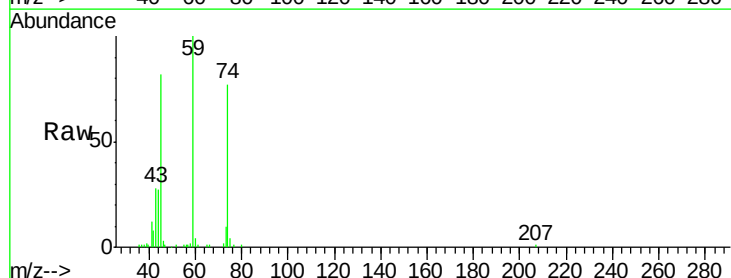
Tot Ion:101 Resp: 156082
Ion Ratio Lower Upper
101 100
103 62.4 49.3 73.9

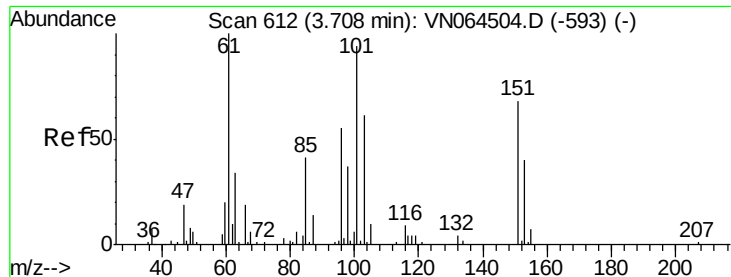


#8

Diethyl Ether
Concen: 21.418 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 74 Resp: 53542
Ion Ratio Lower Upper
74 100
45 112.4 22.1 198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.228 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

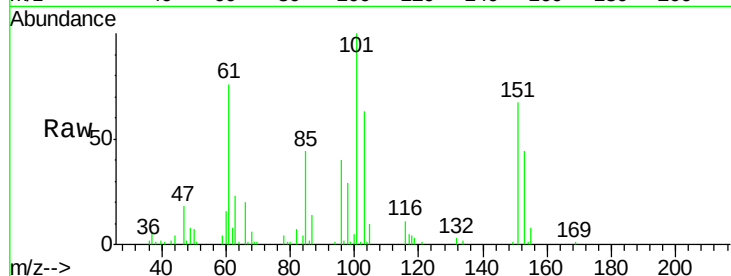
Tot Ion:101 Resp: 73226

Ion Ratio Lower Upper

101 100

85 46.6 0.0 49.0

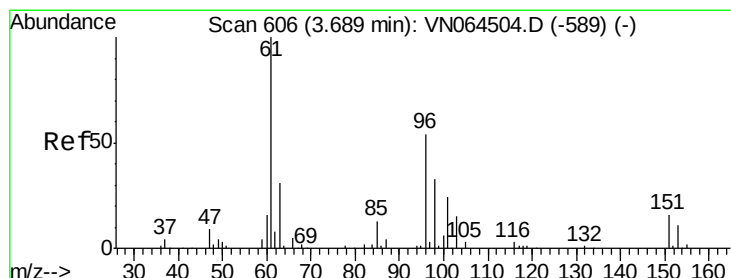
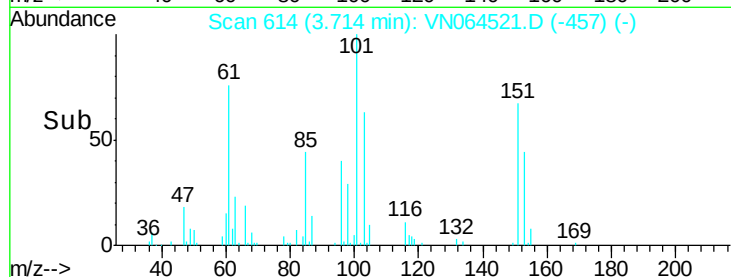
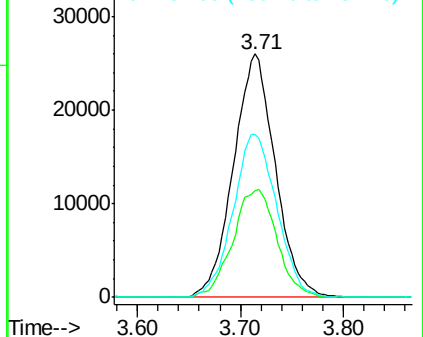
151 70.0 0.0 80.2



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: 20.391 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

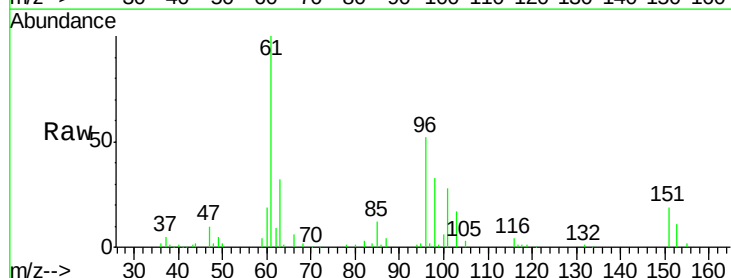
Tgt Ion: 96 Resp: 64261

Ion Ratio Lower Upper

96 100

61 190.2 149.2 223.8

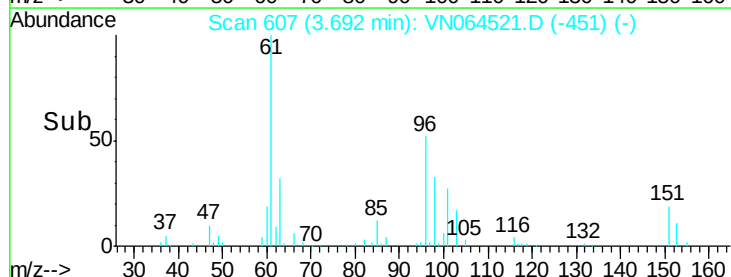
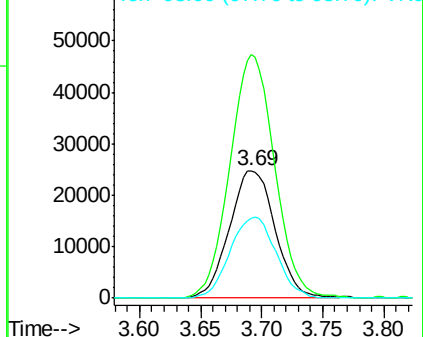
98 62.5 49.6 74.4

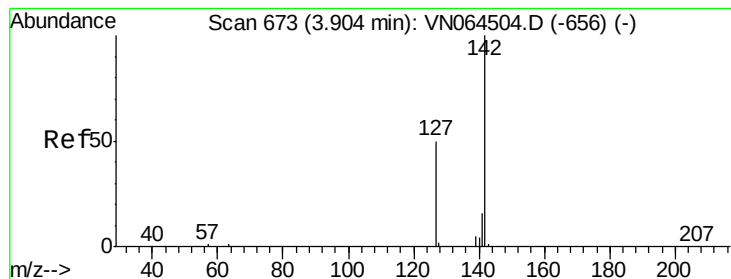


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN





#11

Methvl Iodide

Concen: 20.078 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

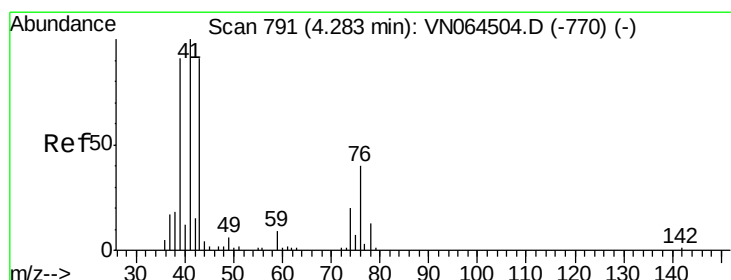
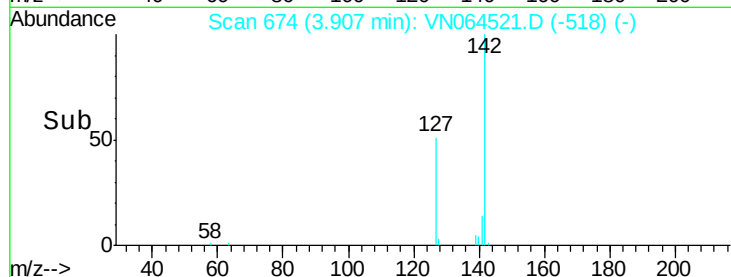
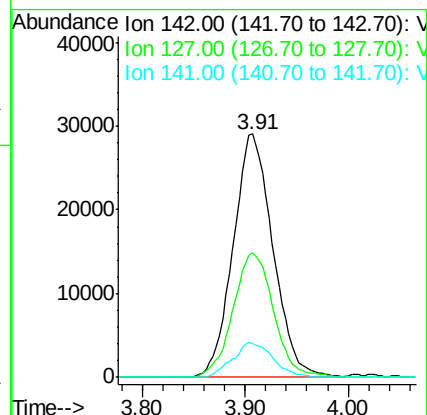
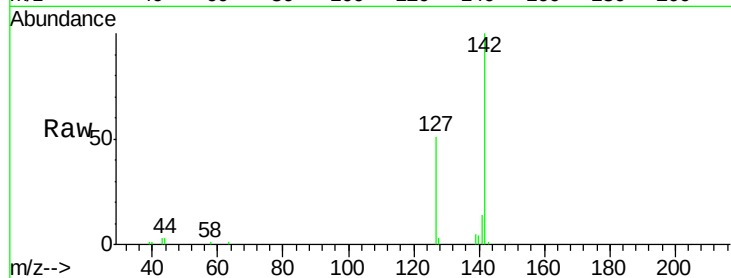
Tot Ion:142 Resp: 78008

Ion Ratio Lower Upper

142 100

127 51.2 24.7 74.1

141 13.8 7.8 23.3



#12

Methyl Acetate

Concen: 19.944 ug/l

RT: 4.28 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN064521.D

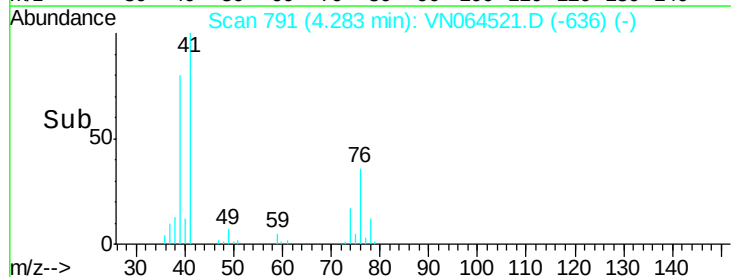
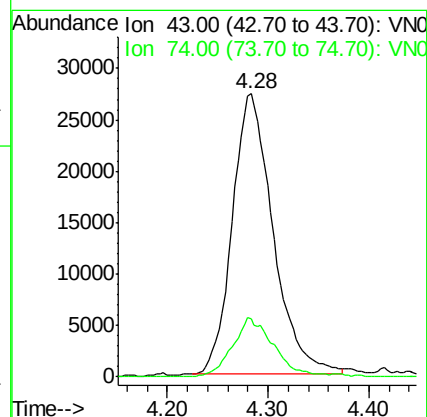
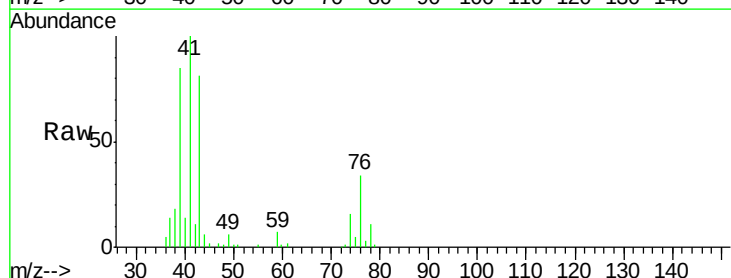
Acq: 10 Nov 2020 13:23

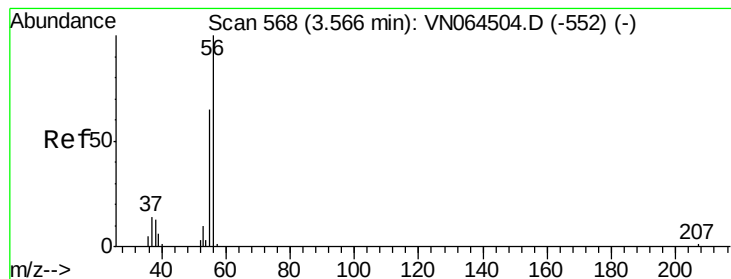
Tgt Ion: 43 Resp: 76632

Ion Ratio Lower Upper

43 100

74 20.3 17.7 26.5





#13

Acrolein

Concen: 103.279 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

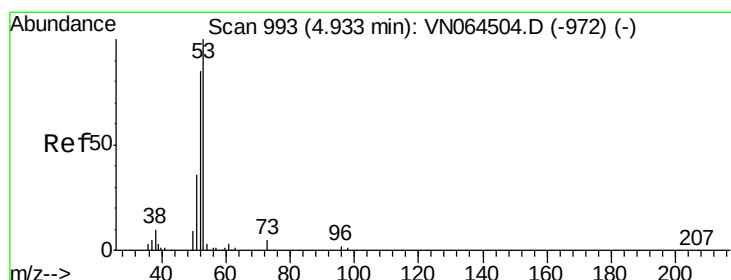
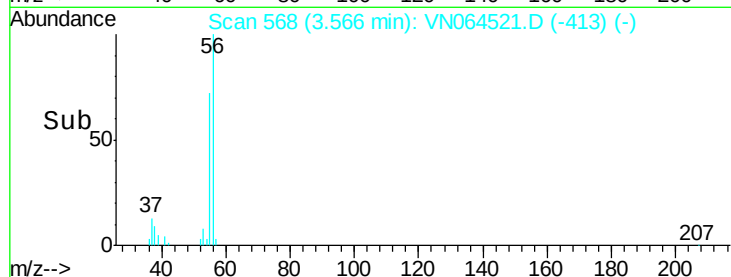
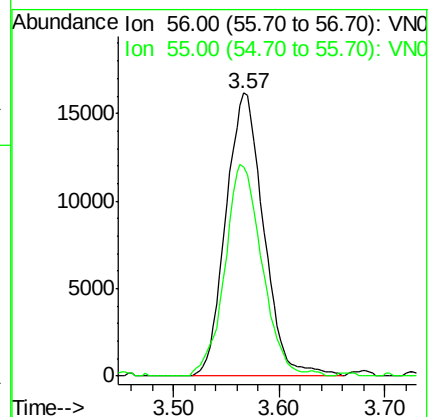
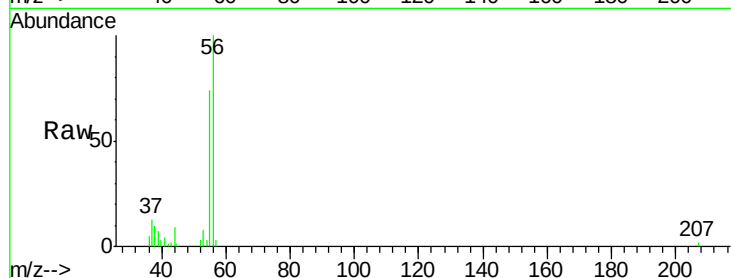
VN1110WBS01

Tot Ion: 56 Resp: 40130

Ion Ratio Lower Upper

56 100

55 73.2 58.2 87.2



#14

Acrylonitrile

Concen: 46.825 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

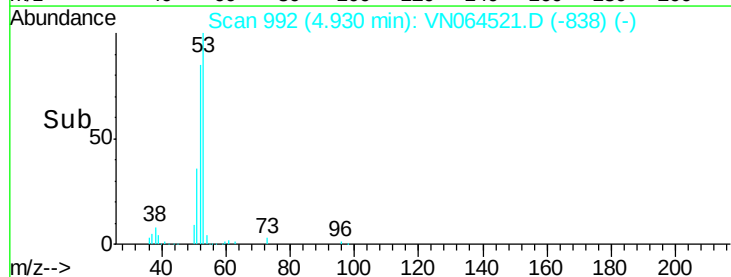
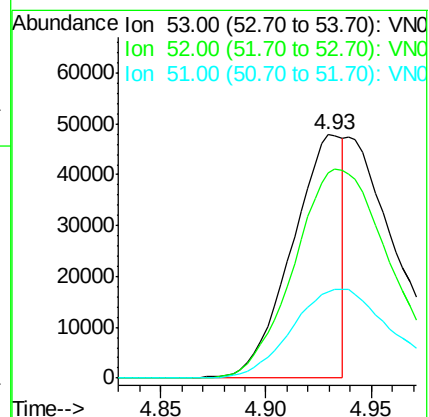
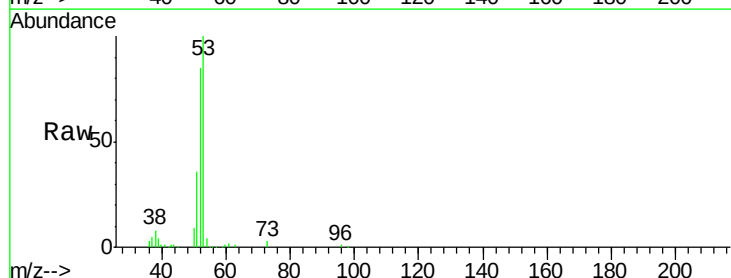
Tgt Ion: 53 Resp: 80018

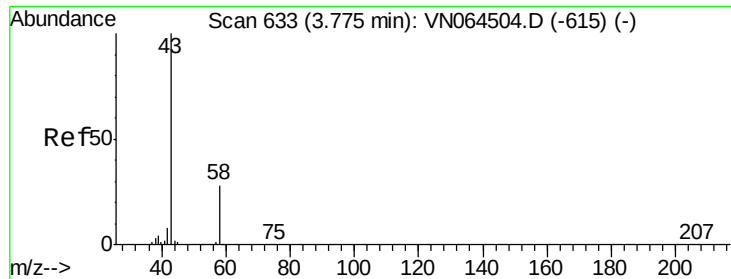
Ion Ratio Lower Upper

53 100

52 169.0 41.3 124.1#

51 78.5 18.9 56.5#





#15

Acetone

Concen: 95.253 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

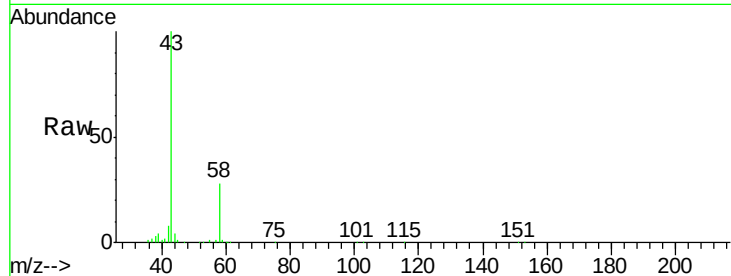
VN1110WBS01

Tot Ion: 58 Resp: 53719

Ion Ratio Lower Upper

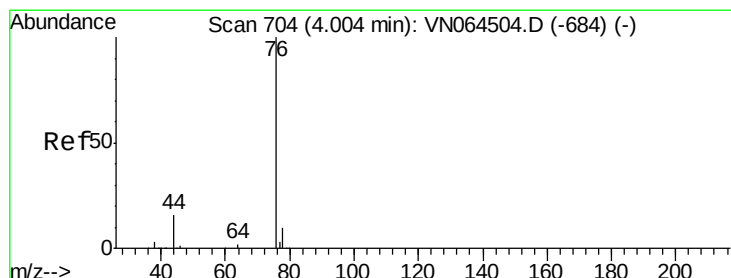
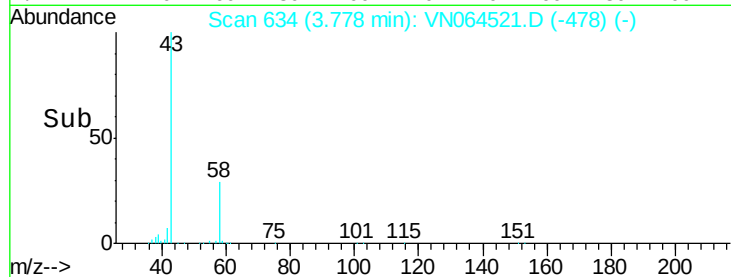
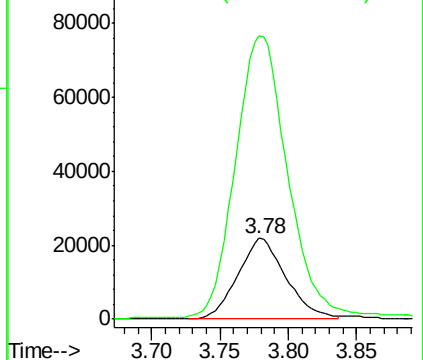
58 100

43 347.8 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 20.483 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064521.D

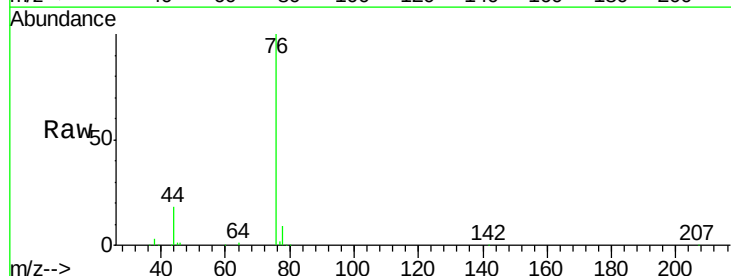
Acq: 10 Nov 2020 13:23

Tgt Ion: 76 Resp: 195898

Ion Ratio Lower Upper

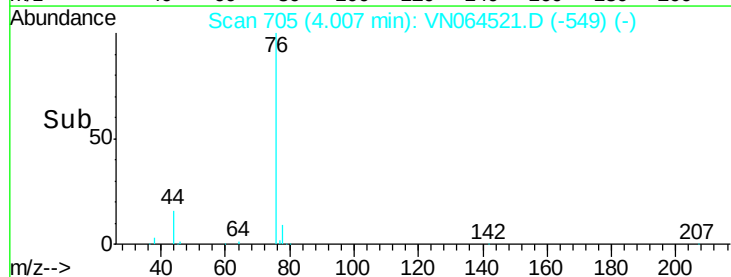
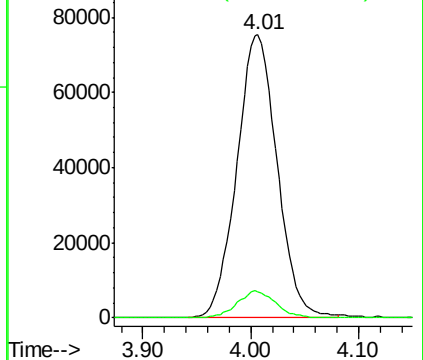
76 100

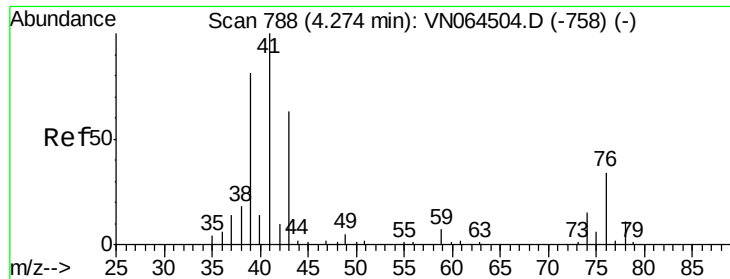
78 9.4 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

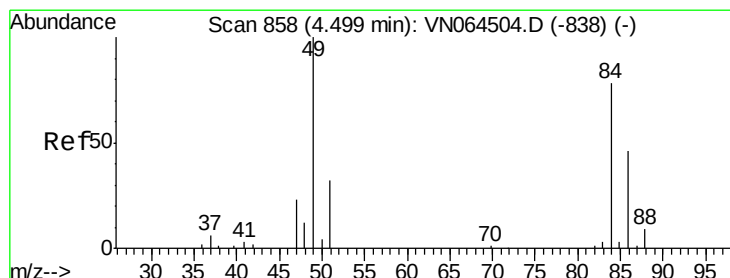
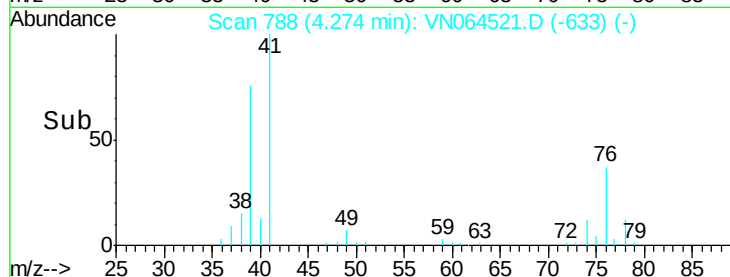
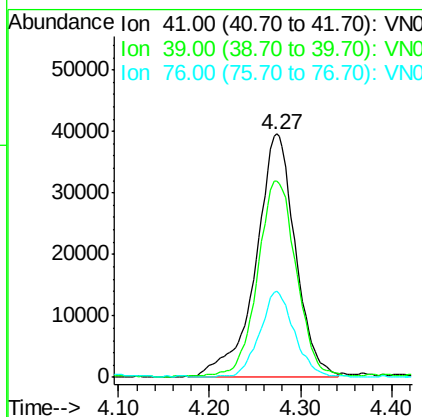
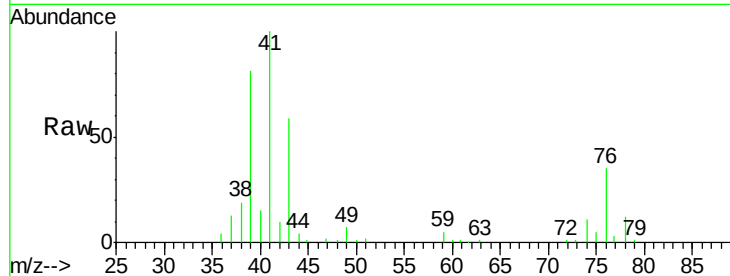




#17
Allvl chloride
Concen: 20.054 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

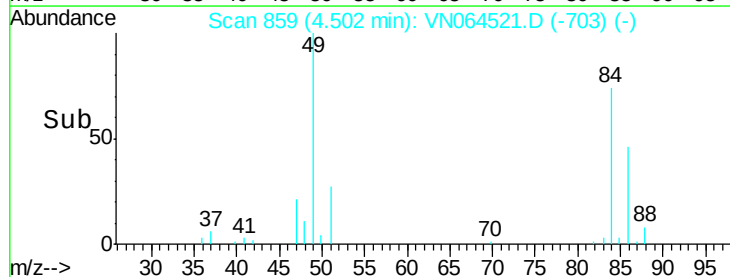
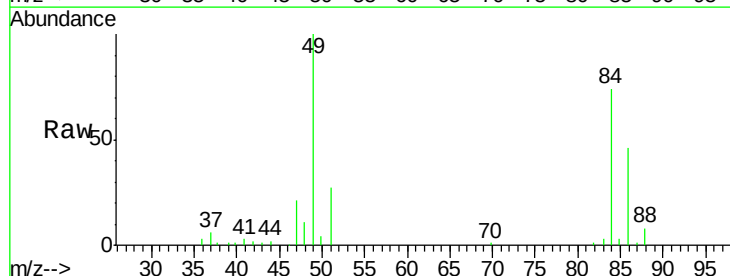
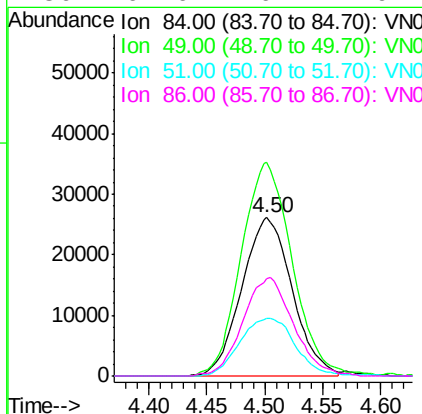
Instrument :
MSVOA_N
ClientSampled :
VN1110WBS01

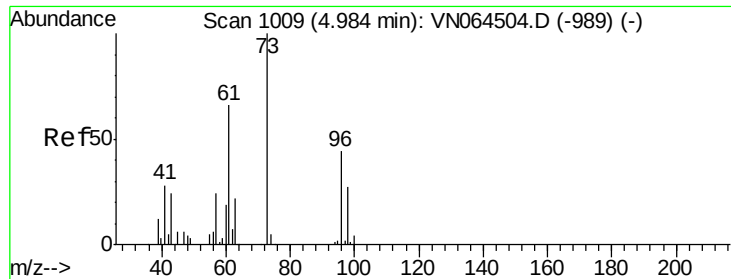
Tot Ion: 41 Resp: 118738
Ion Ratio Lower Upper
41 100
39 80.5 40.3 120.8
76 35.6 16.8 50.3



#18
Methylene Chloride
Concen: 21.117 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 84 Resp: 79022
Ion Ratio Lower Upper
84 100
49 135.1 102.1 153.1
51 36.8 32.6 48.8
86 61.6 46.7 70.1

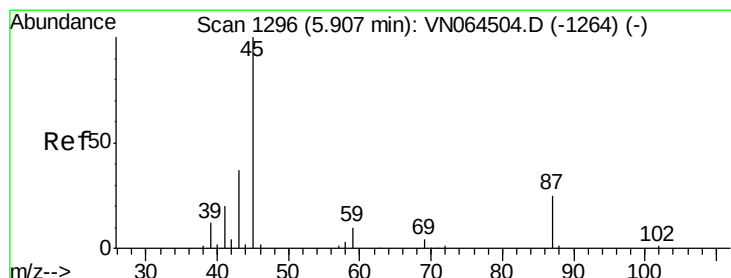
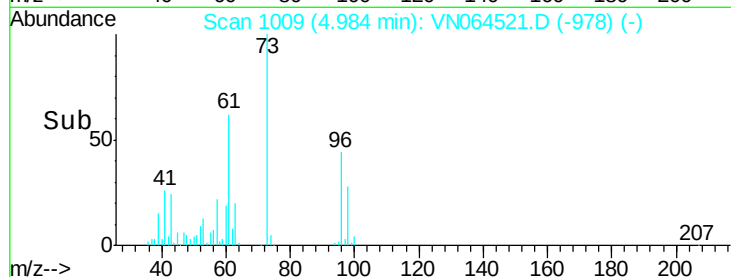
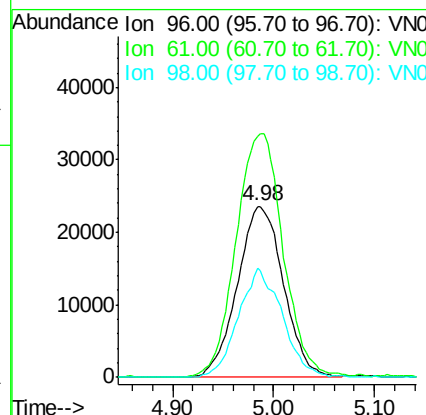
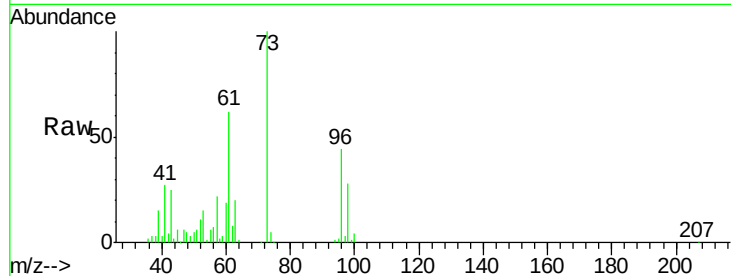




#19
trans-1,2-Dichloroethene
Concen: 21.012 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

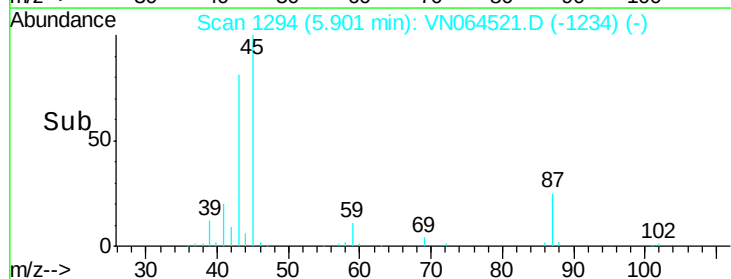
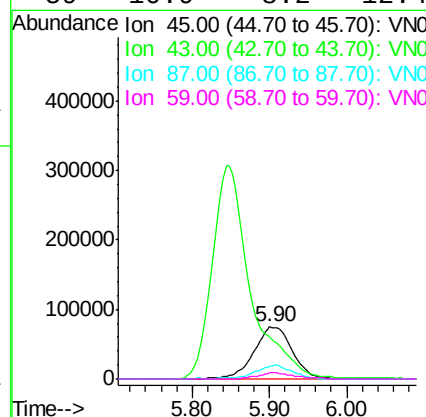
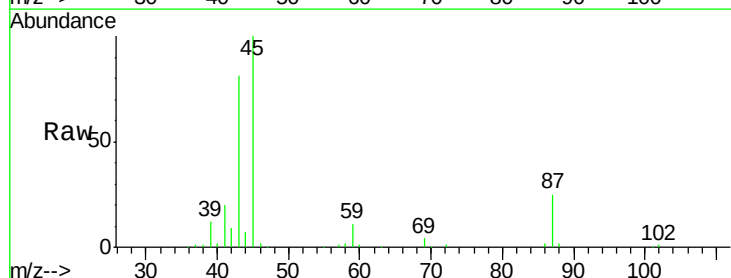
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

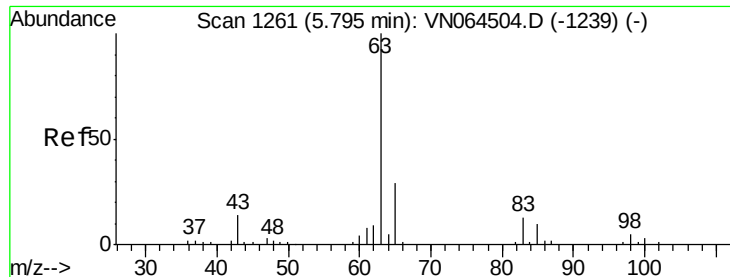
Tot Ion: 96 Resp: 75050
Ion Ratio Lower Upper
96 100
61 139.9 120.1 180.1
98 63.8 49.1 73.7



#20
Diisopropyl ether
Concen: 20.098 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 45 Resp: 259107
Ion Ratio Lower Upper
45 100
43 78.4 53.1 79.7
87 24.6 21.0 31.6
59 10.9 8.2 12.4

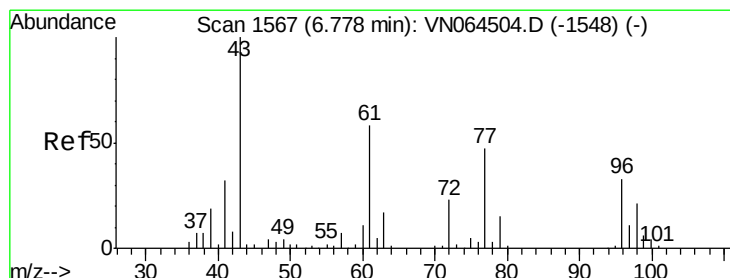
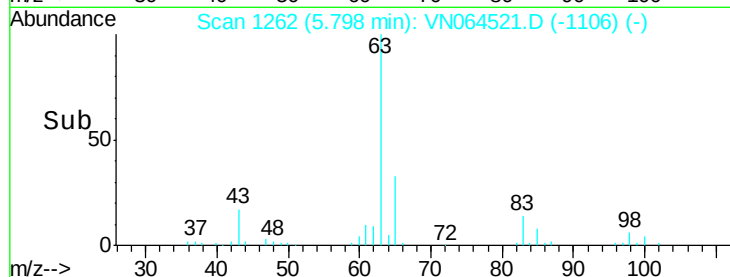
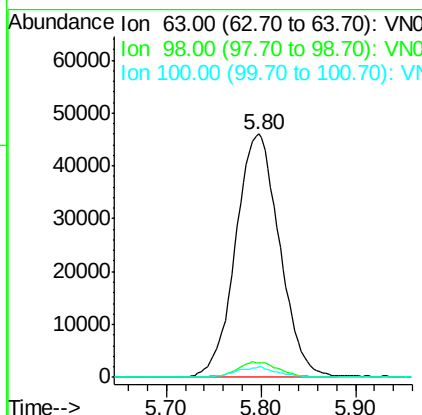
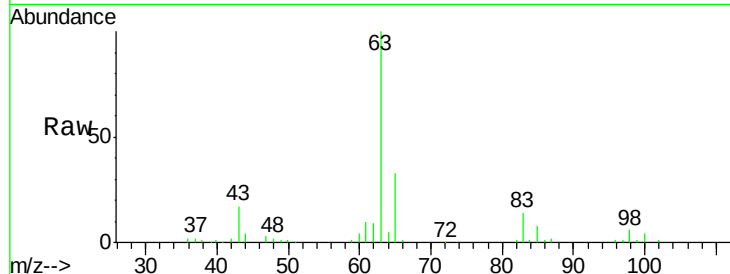




#21
 1,1-Dichloroethane
 Concen: 20.944 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

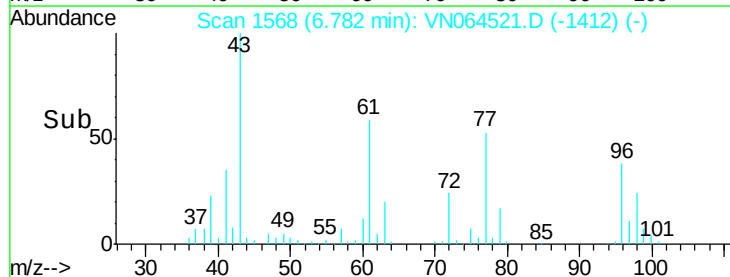
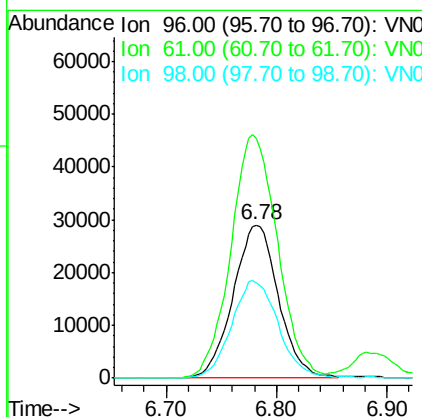
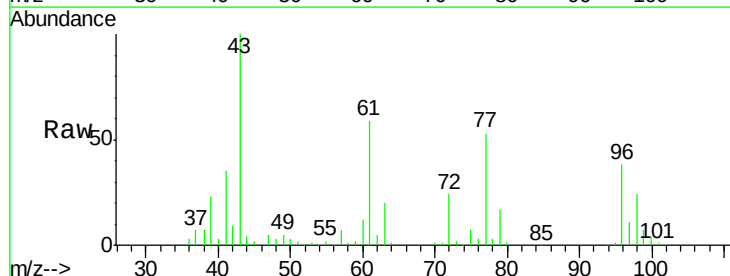
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

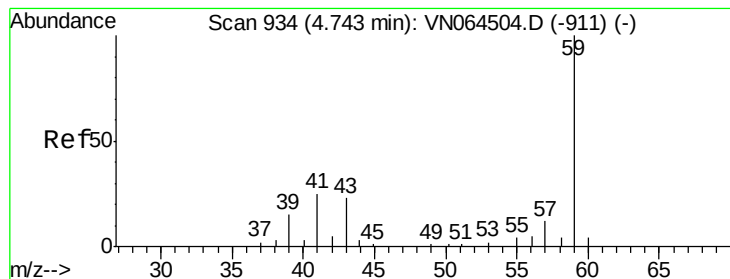
Tot Ion: 63 Resp: 148486
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.6 8.0
 100 4.4 1.7 5.1



#22
 cis-1,2-Dichloroethene
 Concen: 20.337 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 96 Resp: 82324
 Ion Ratio Lower Upper
 96 100
 61 164.2 136.1 204.1
 98 65.7 51.8 77.8



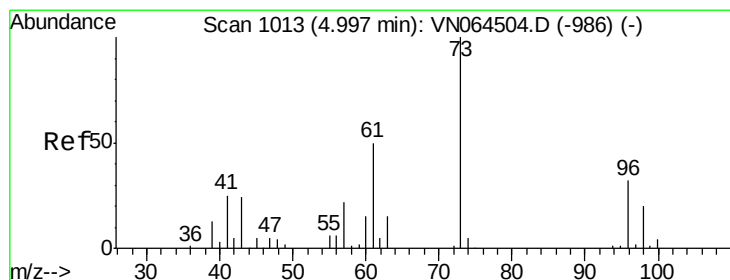
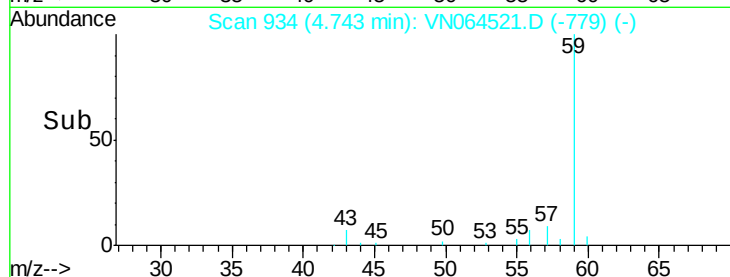
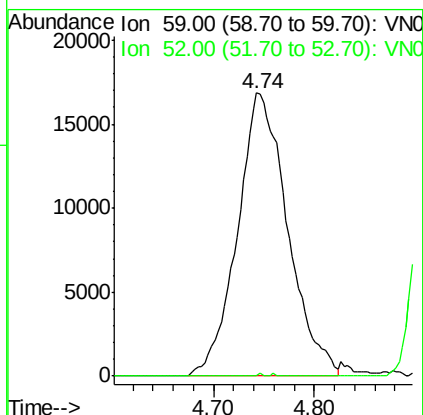
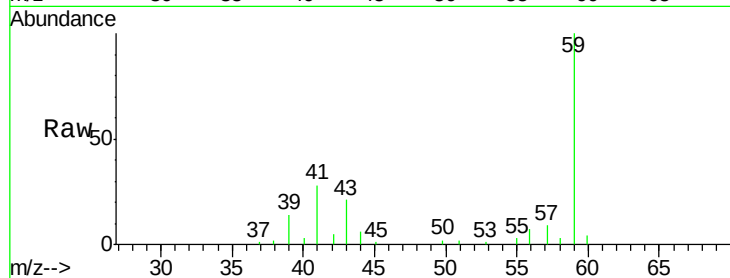


#23

tert-Butyl Alcohol
 Concen: 99.461 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

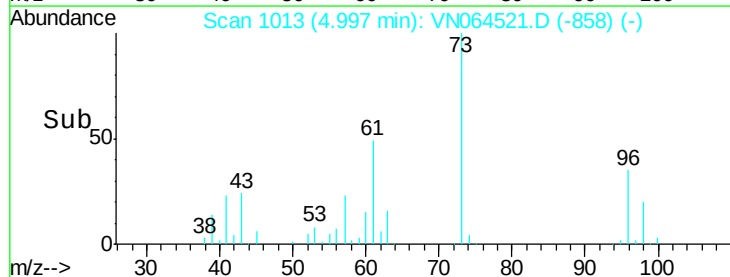
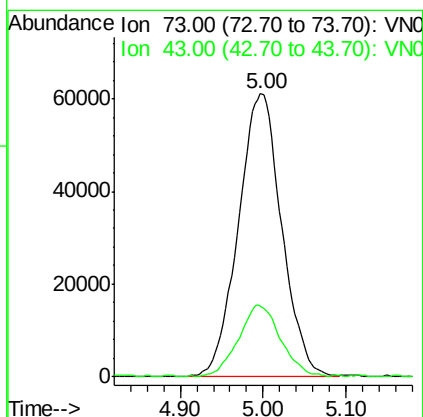
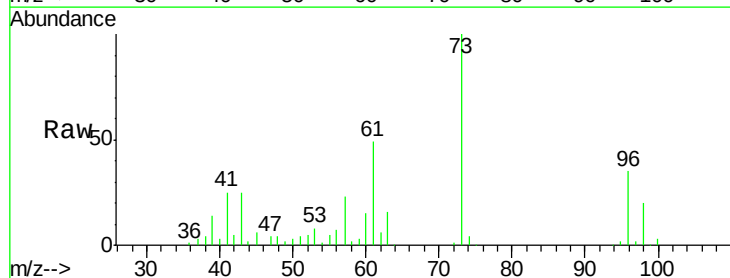
Tot Ion: 59 Resp: 58198
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

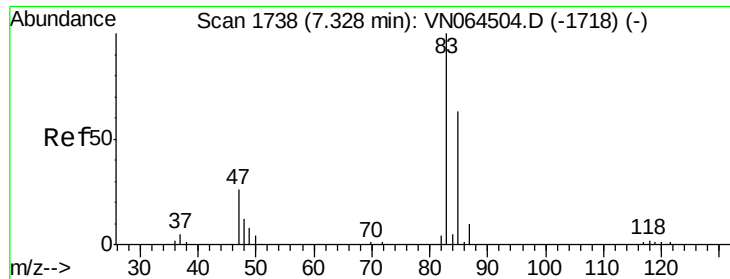


#24

Methyl tert-Butyl Ether
 Concen: 19.884 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 73 Resp: 221645
 Ion Ratio Lower Upper
 73 100
 43 23.7 10.2 15.2#

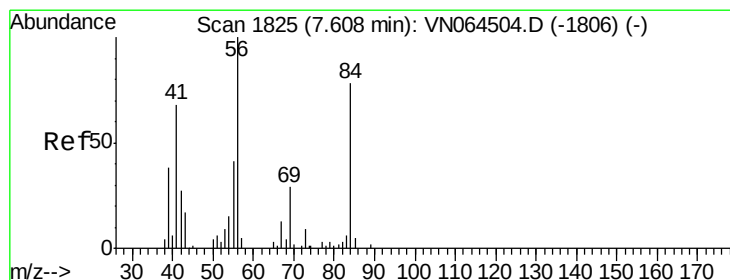
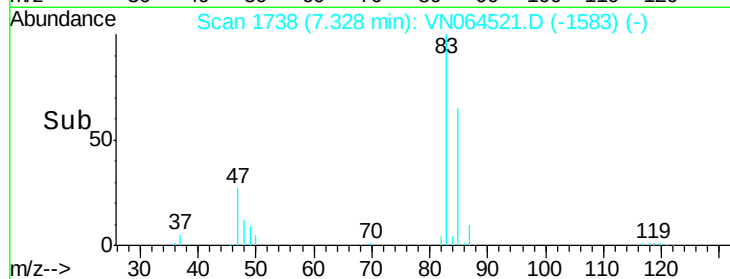
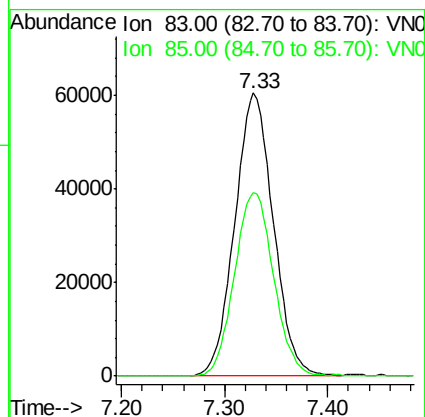
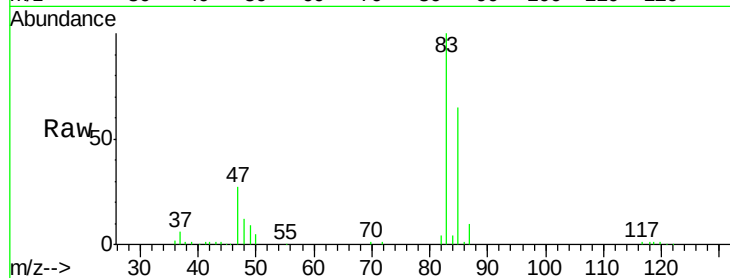




#25
Chloroform
Concen: 21.149 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

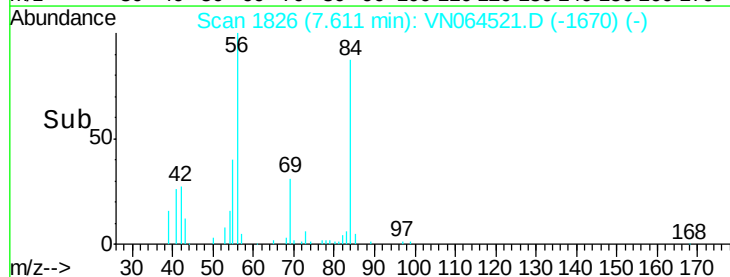
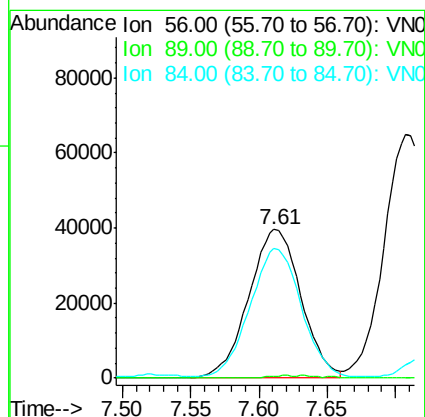
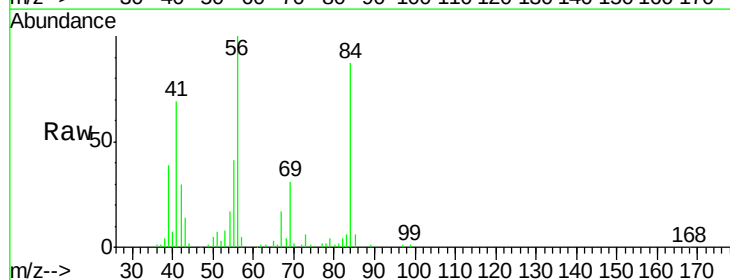
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

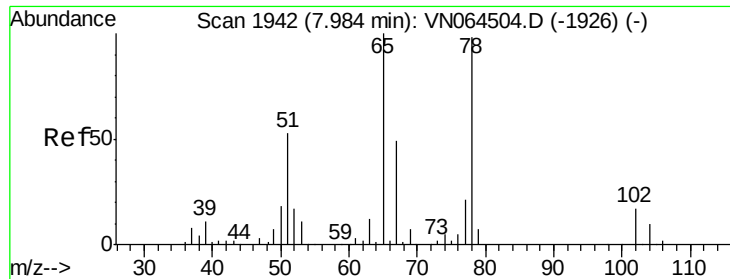
Tot Ion: 83 Resp: 157566
Ion Ratio Lower Upper
83 100
85 64.9 50.6 75.8



#26
Cyclohexane
Concen: 19.197 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 56 Resp: 105076
Ion Ratio Lower Upper
56 100
89 0.8 0.6 0.8
84 86.7 66.1 99.1

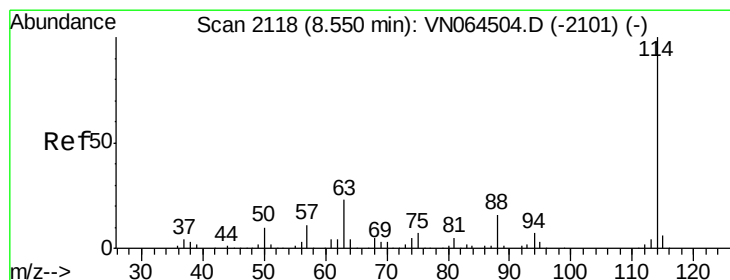
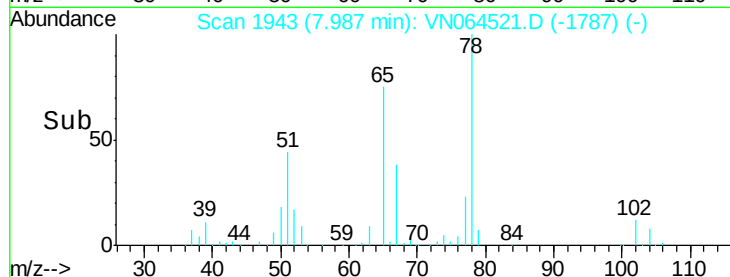
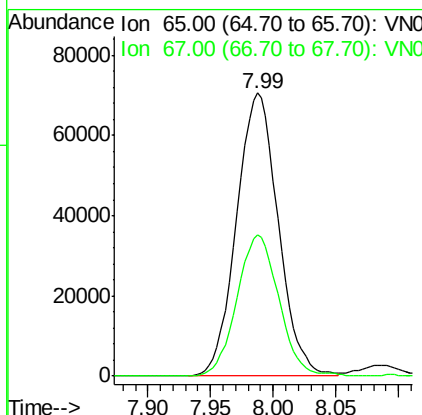
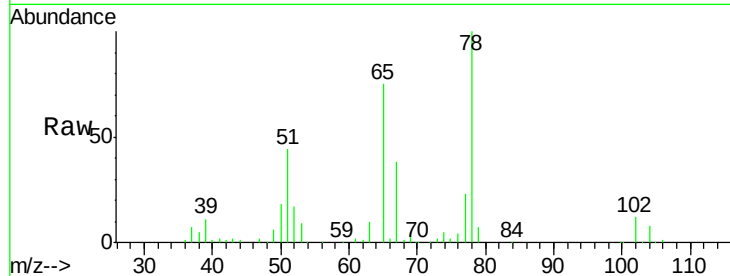




#27
 1,2-Dichloroethane-d4
 Concen: 31.612 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

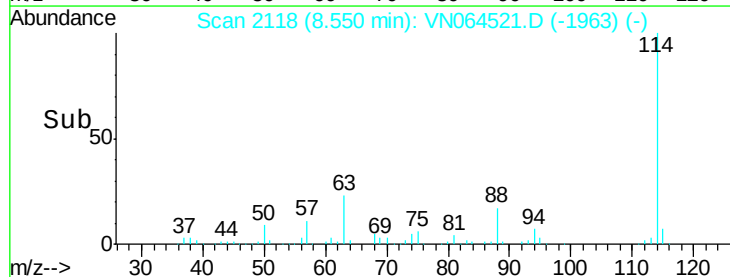
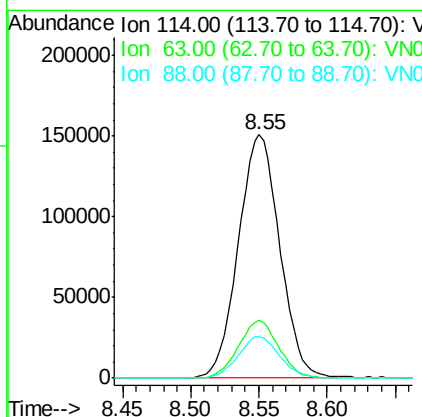
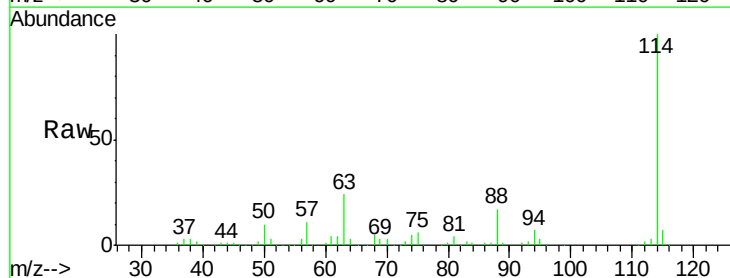
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

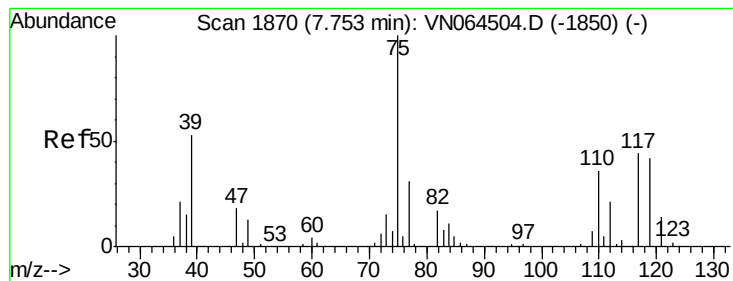
Tot Ion: 65 Resp: 163369
 Ion Ratio Lower Upper
 65 100
 67 49.8 41.1 61.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 114 Resp: 317158
 Ion Ratio Lower Upper
 114 100
 63 23.0 18.5 27.7
 88 17.0 13.0 19.6





#29

1,1-Dichloropropene

Concen: 20.072 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

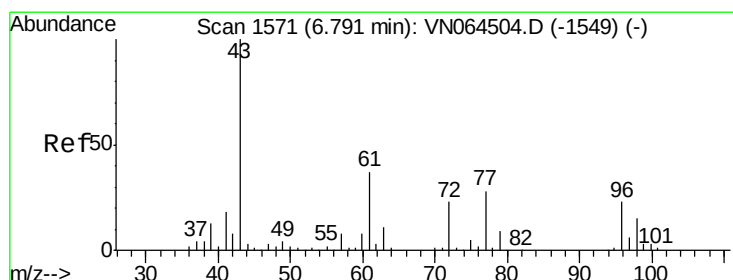
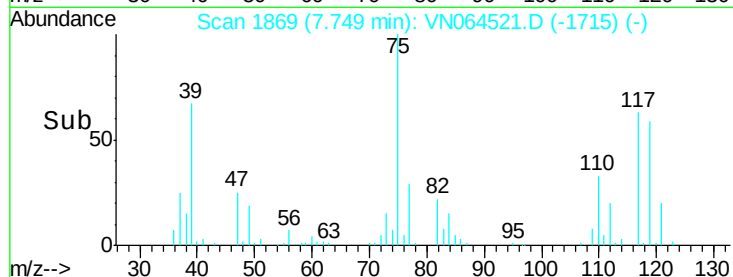
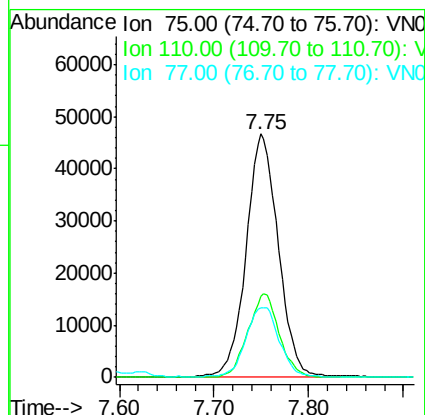
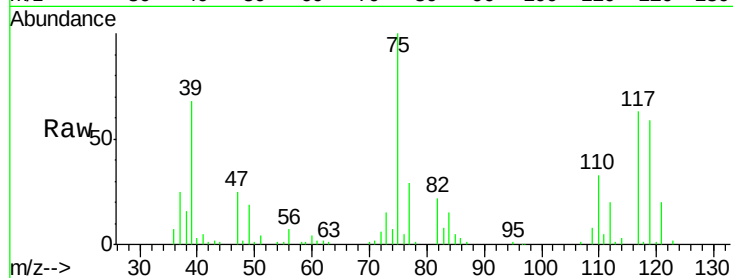
Tot Ion: 75 Resp: 110475

Ion Ratio Lower Upper

75 100

110 33.3 0.0 66.4

77 30.0 0.0 62.0



#30

2-Butanone

Concen: 93.970 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

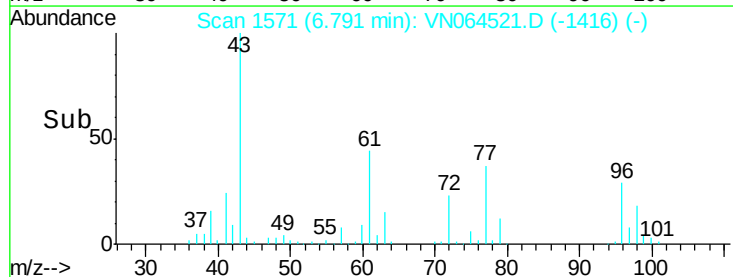
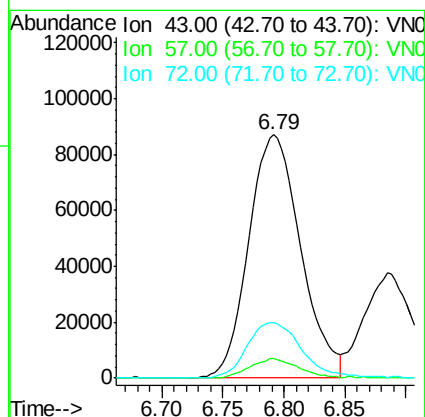
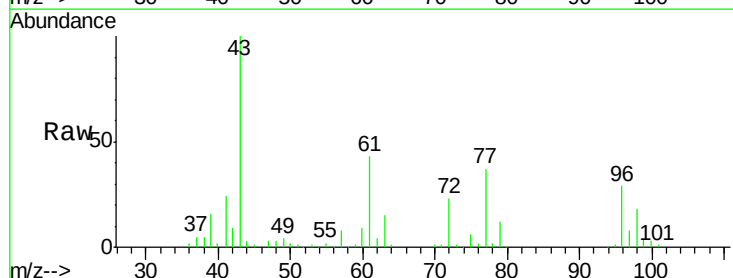
Tgt Ion: 43 Resp: 256025

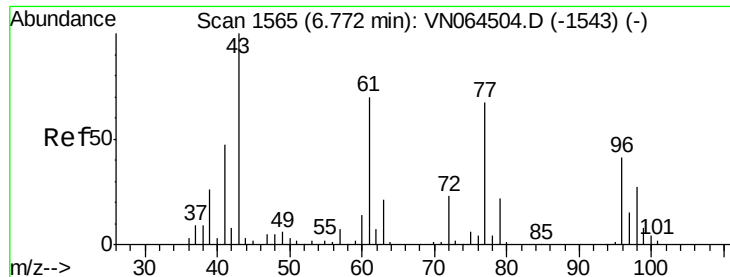
Ion Ratio Lower Upper

43 100

57 7.5 6.2 9.4

72 24.0 9.9 14.9#

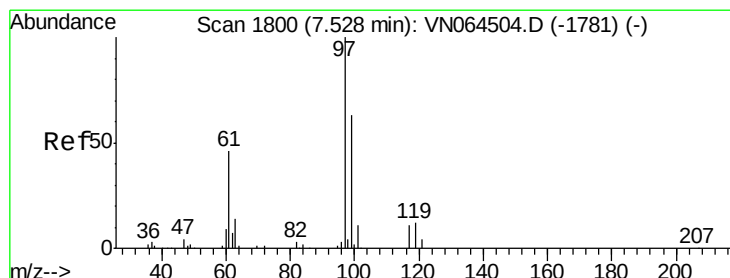
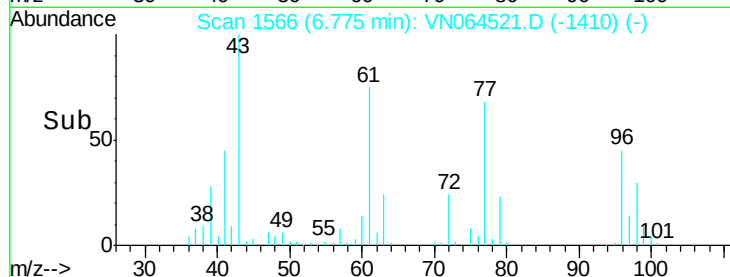
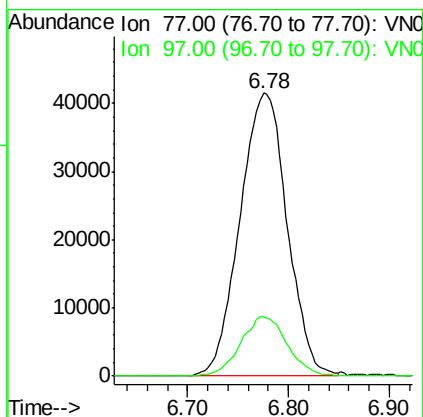
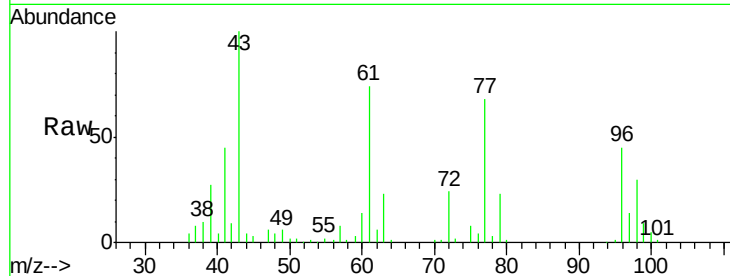




#31
 2,2-Dichloropropane
 Concen: 20.617 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

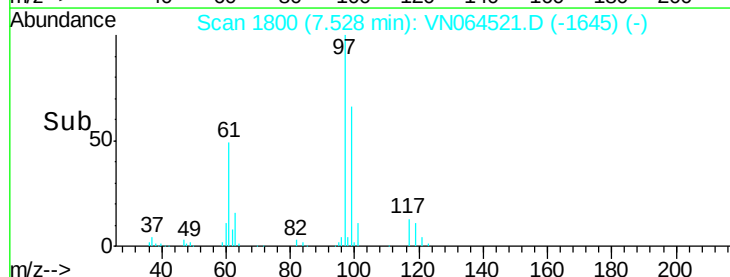
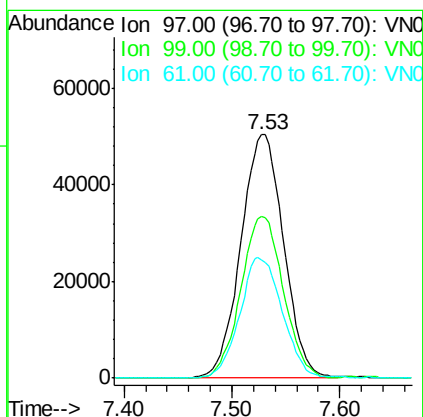
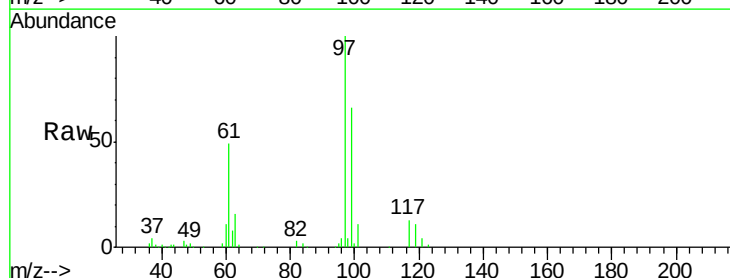
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

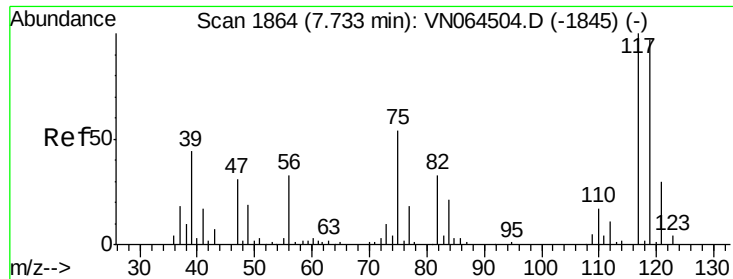
Tot Ion: 77 Resp: 134790
 Ion Ratio Lower Upper
 77 100
 97 20.5 16.9 25.3



#32
 1,1,1-Trichloroethane
 Concen: 20.599 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 97 Resp: 139068
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.8 77.8
 61 49.0 39.4 59.0





#33

Carbon Tetrachloride

Concen: 20.693 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

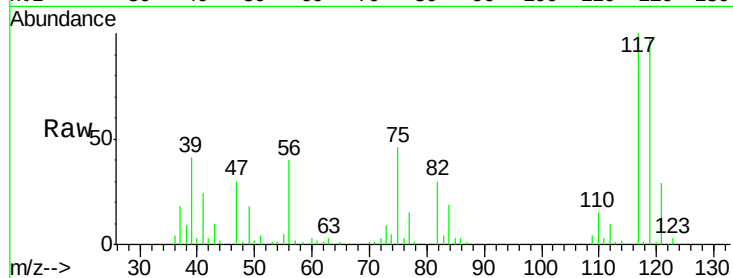
Tot Ion:117 Resp: 124758

Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

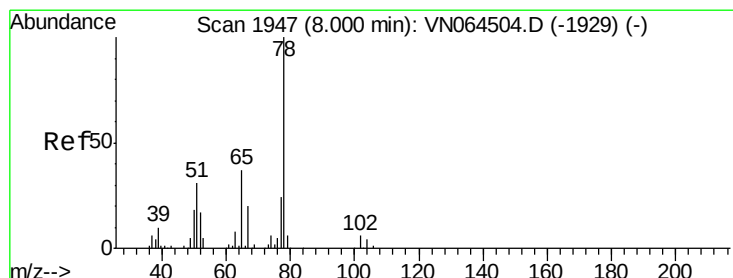
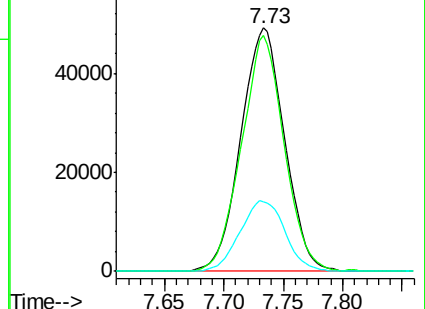
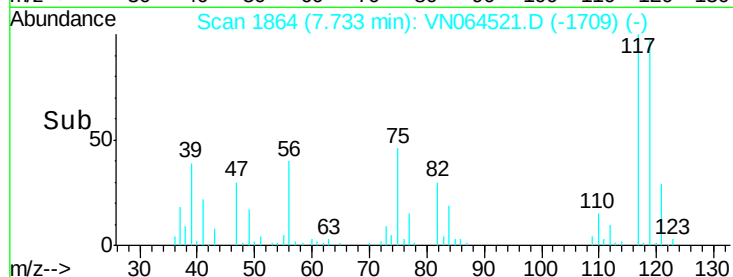
121 28.7 24.0 36.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.423 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

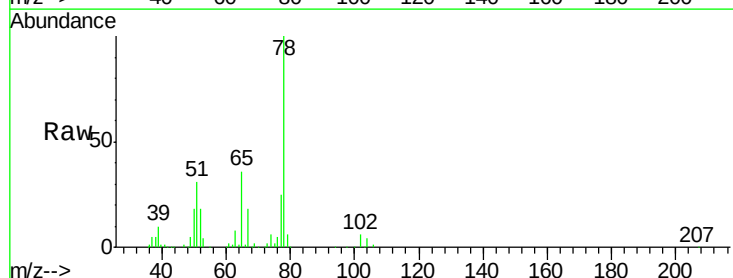
Tgt Ion: 78 Resp: 325480

Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3

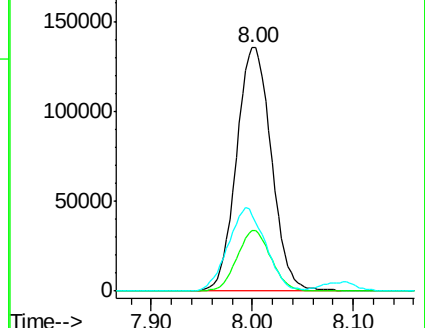
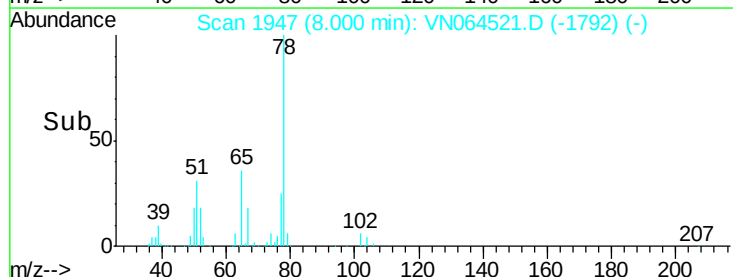
51 31.0 24.6 36.8

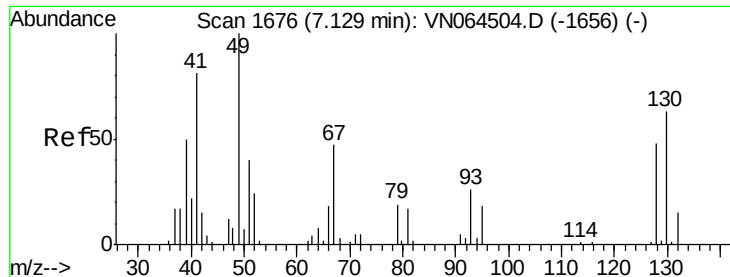


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

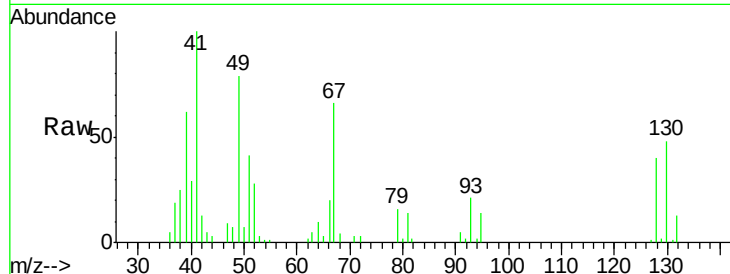




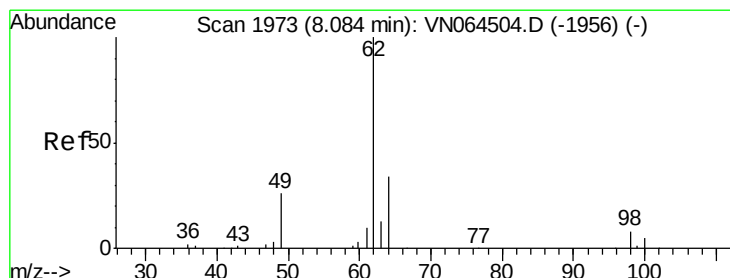
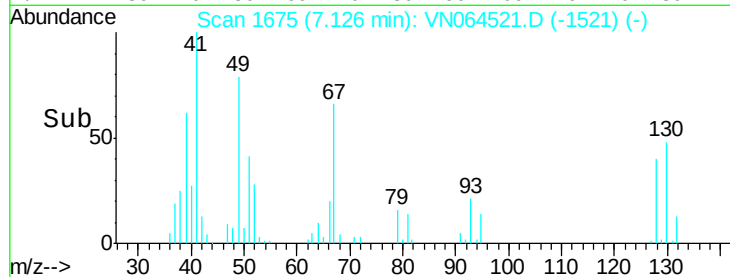
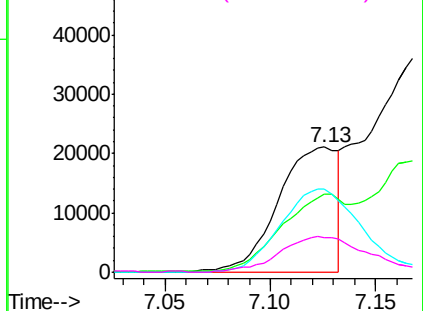
#35
Methacrylonitrile
Concen: 16.220 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Instrument :
MSVOA_N
ClientSampled :
VN1110WBS01

Tot Ion:	41	Resp:	41343
Ion	Ratio	Lower	Upper
41	100		
39	60.7	30.0	90.1
67	66.3	29.2	87.6
52	28.2	14.9	44.9

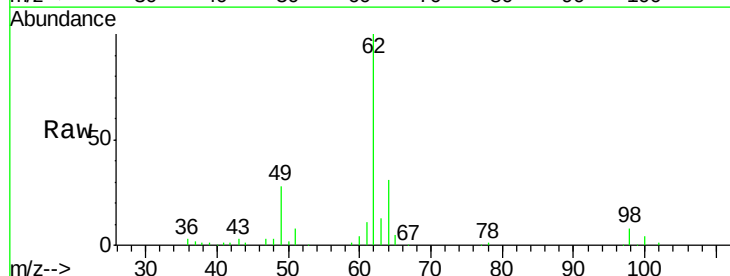


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

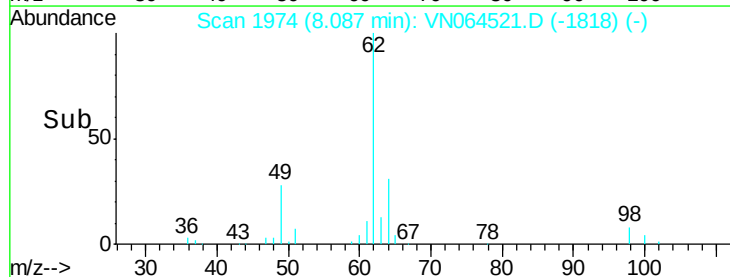
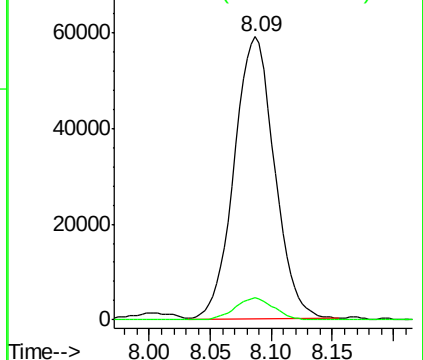


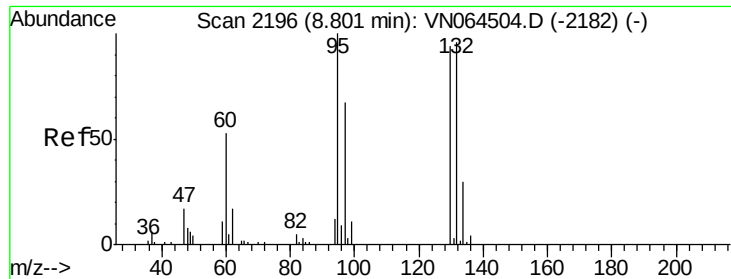
#36
1,2-Dichloroethane
Concen: 20.572 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion:	62	Resp:	134538
Ion	Ratio	Lower	Upper
62	100		
98	7.5	5.5	8.3



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 20.258 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

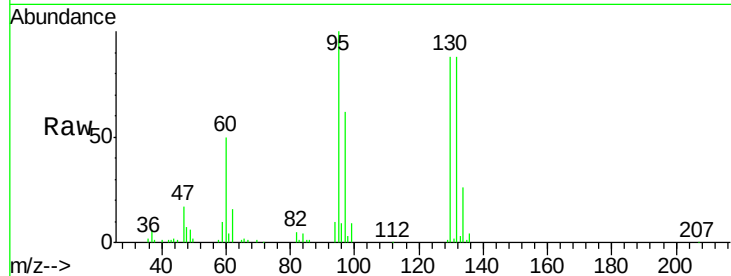
VN1110WBS01

Tot Ion:130 Resp: 81629

Ion Ratio Lower Upper

130 100

95 113.4 85.1 127.7

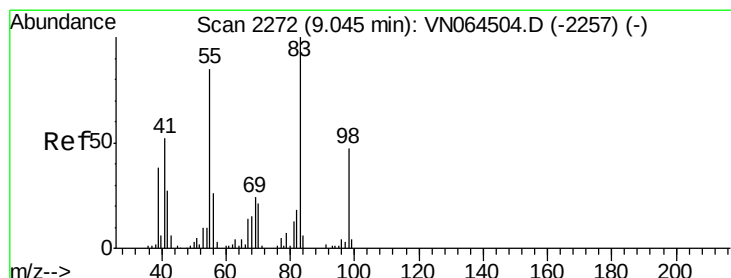
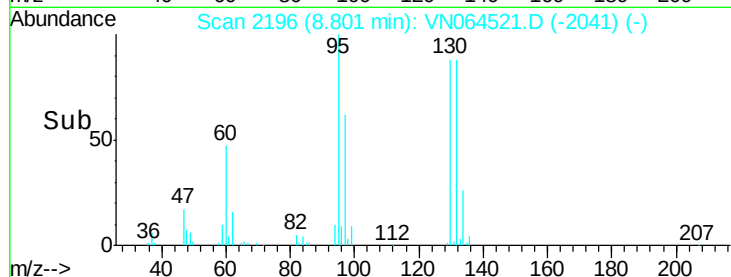


Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

Time--> 8.70 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 19.113 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

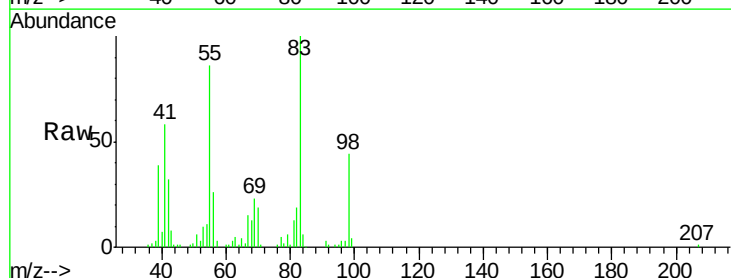
Tgt Ion: 83 Resp: 95149

Ion Ratio Lower Upper

83 100

55 84.4 42.0 126.1

98 44.0 22.5 67.5



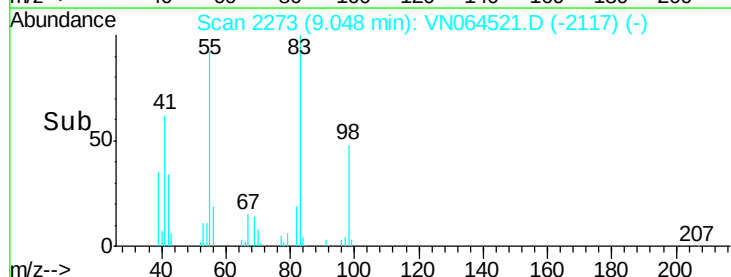
Abundance Ion 83.00 (82.70 to 83.70): VN

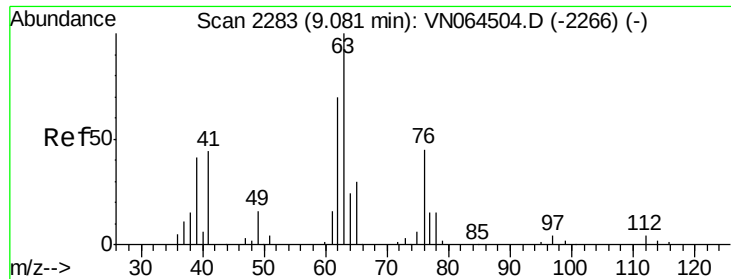
Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

Time--> 8.95 9.00 9.05 9.10

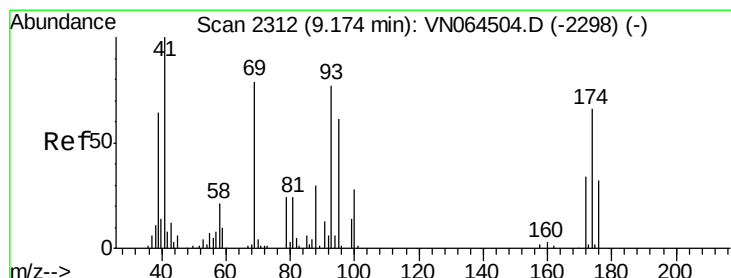
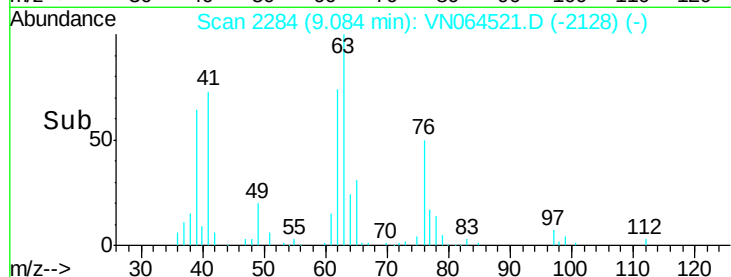
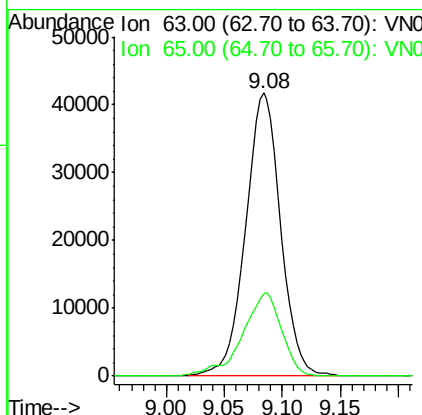
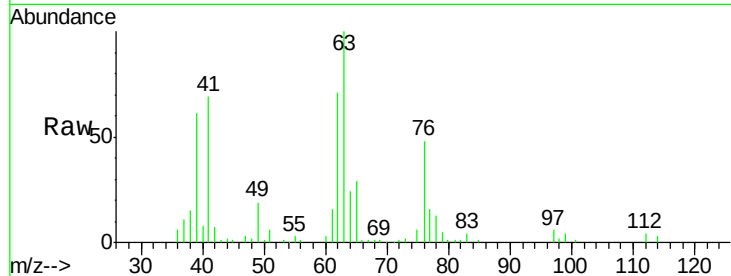




#39
 1,2-Dichloropropane
 Concen: 20.552 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

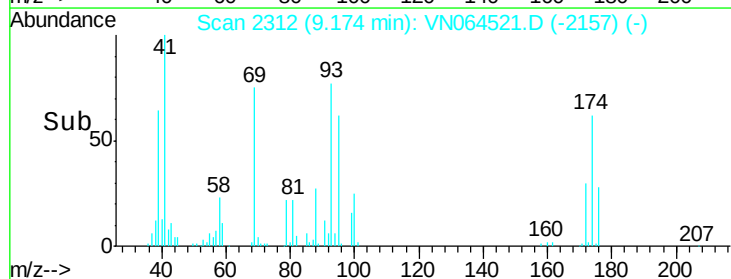
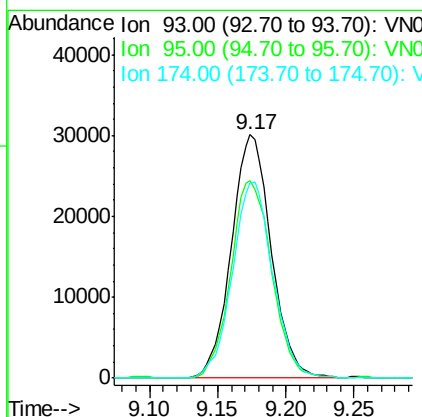
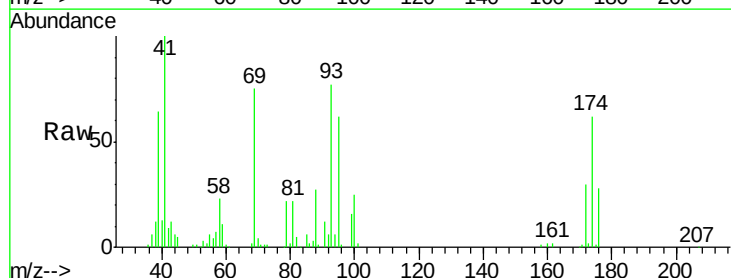
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

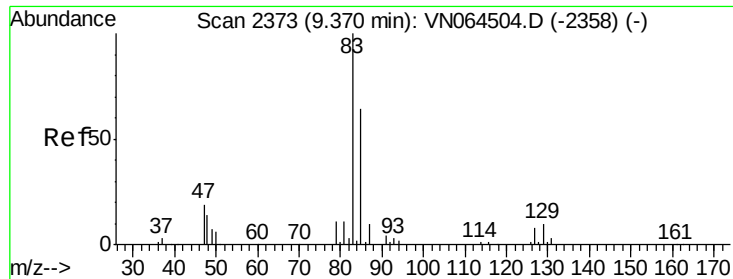
Tot Ion: 63 Resp: 88003
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.4 36.6



#40
 Dibromomethane
 Concen: 21.146 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 93 Resp: 61086
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 164.6
 174 81.7 0.0 165.6

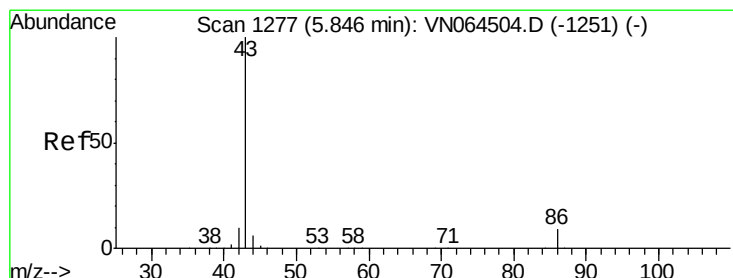
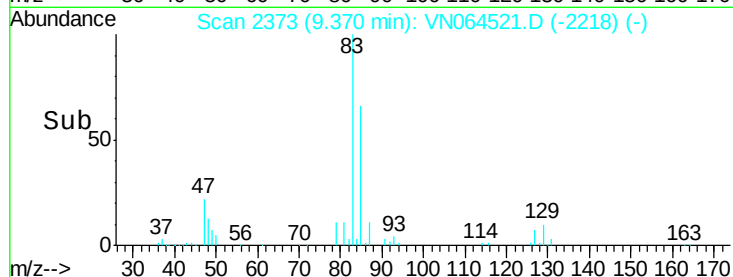
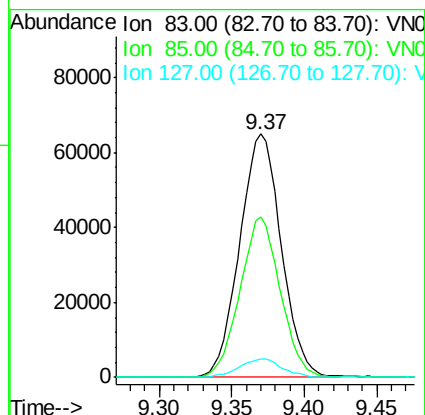
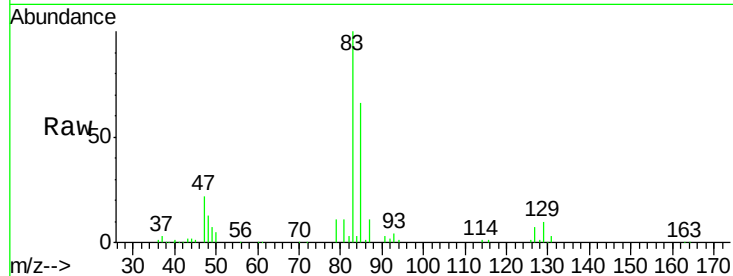




#41
Bromodichloromethane
Concen: 20.736 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

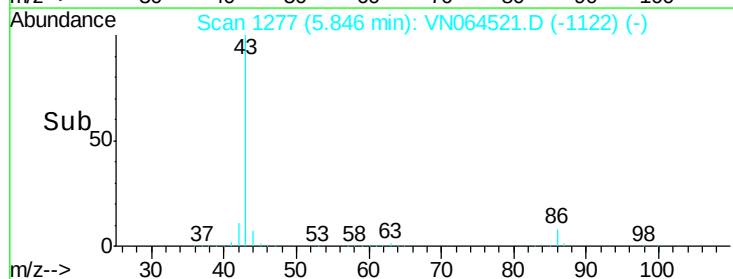
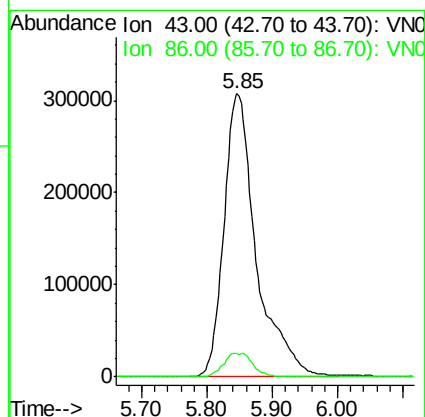
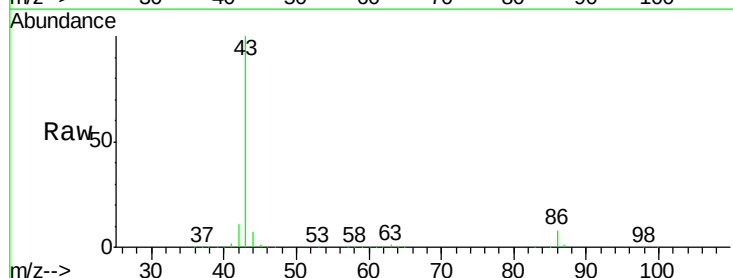
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

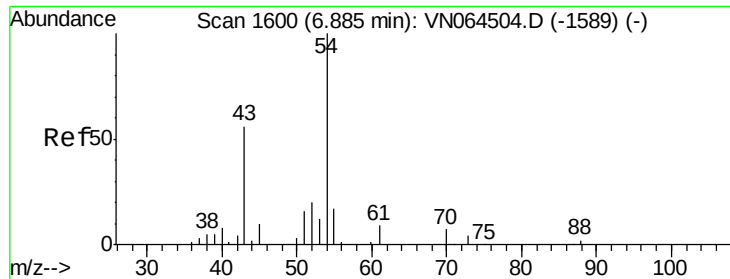
Tot Ion: 83 Resp: 129825
Ion Ratio Lower Upper
83 100
85 65.8 51.0 76.4
127 7.4 6.2 9.4



#42
Vinyl Acetate
Concen: 97.137 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 43 Resp: 1059503
Ion Ratio Lower Upper
43 100
86 4.2 6.3 9.5#





#43

Ethyl Acetate

Concen: 20.198 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

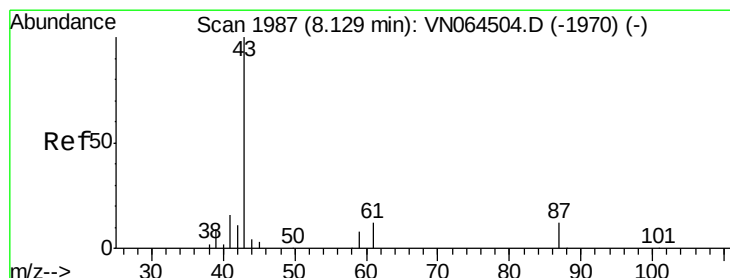
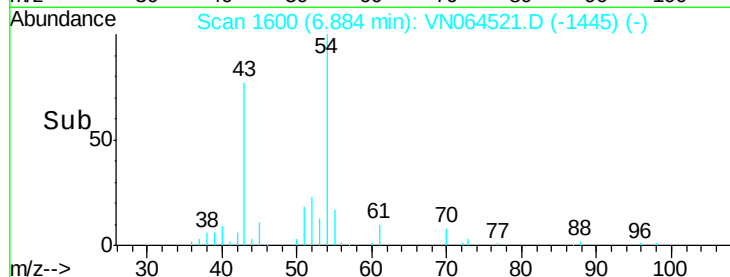
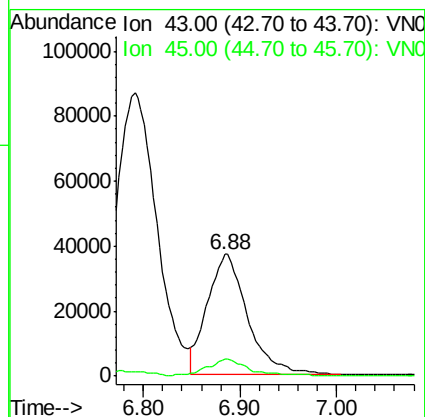
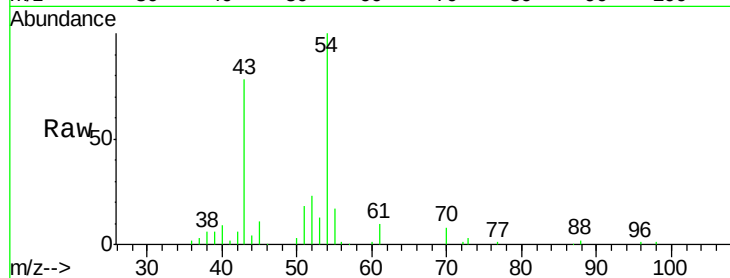
VN1110WBS01

Tot Ion: 43 Resp: 107077

Ion Ratio Lower Upper

43 100

45 8.3 10.9 16.3#



#44

Isopropyl Acetate

Concen: 19.204 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN064521.D

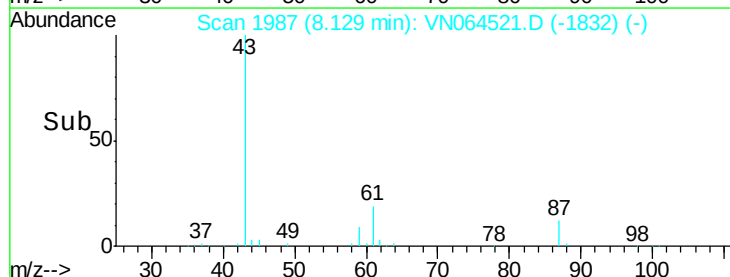
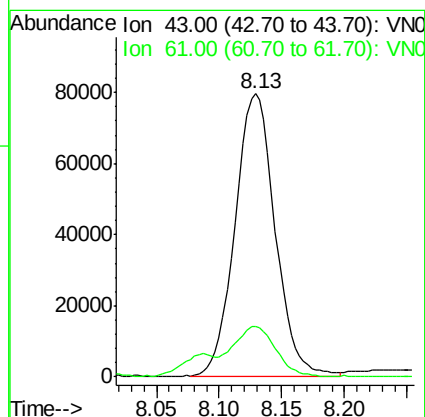
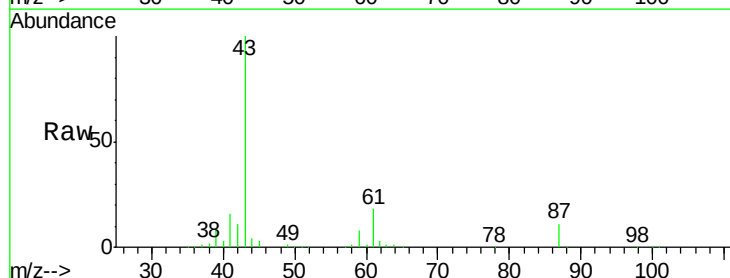
Acq: 10 Nov 2020 13:23

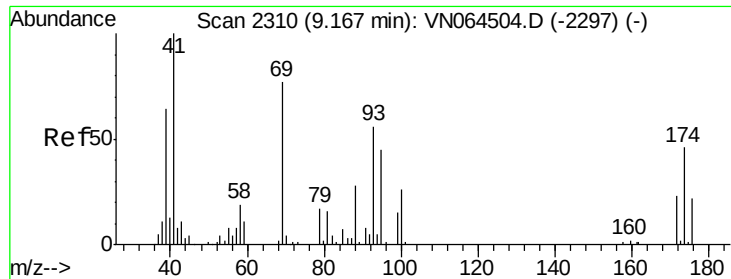
Tgt Ion: 43 Resp: 175740

Ion Ratio Lower Upper

43 100

61 19.0 13.0 19.4



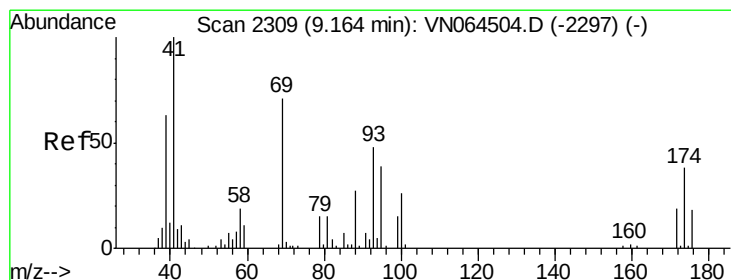
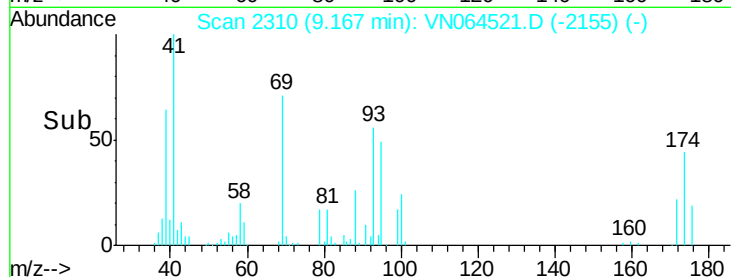
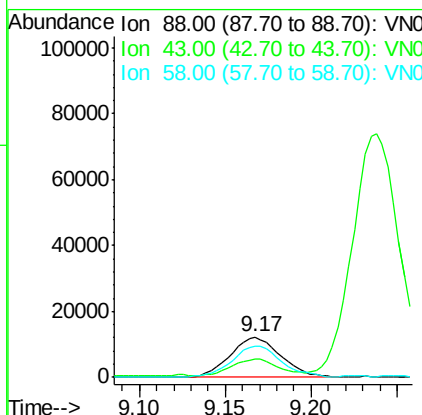
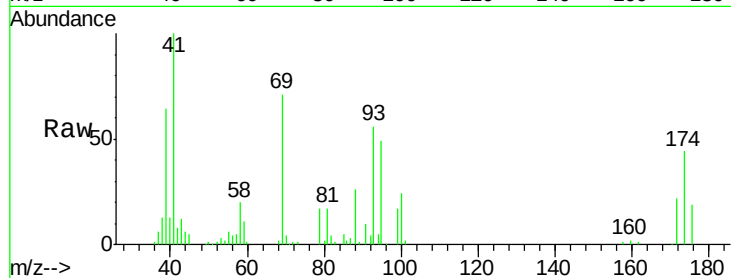


#45
 1,4-Dioxane
 Concen: 389.370 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

Tot Ion: 88 Resp: 24979

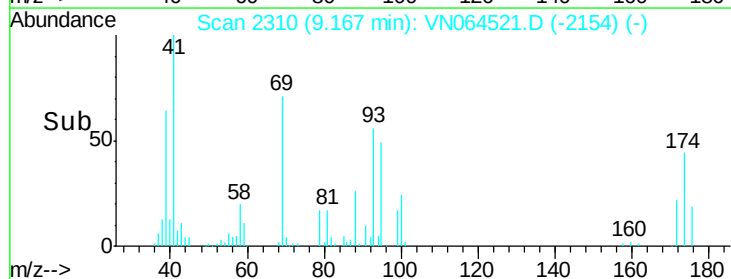
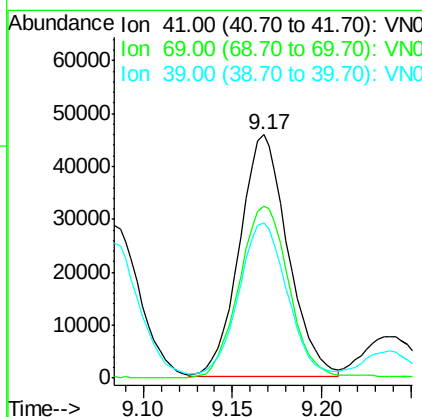
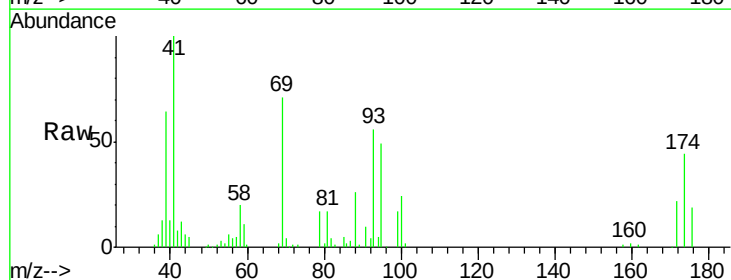
Ion	Ratio	Lower	Upper
88	100		
43	36.8	30.6	46.0
58	76.3	57.9	86.9

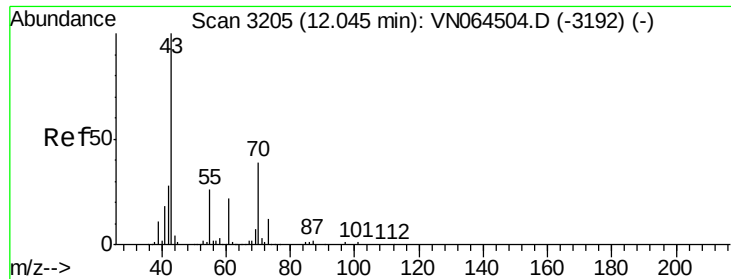


#46
 Methyl methacrylate
 Concen: 19.075 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 41 Resp: 86813

Ion	Ratio	Lower	Upper
41	100		
69	71.5	35.4	106.2
39	62.8	31.6	94.7





#47

n-amvl Acetate

Concen: 17.864 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

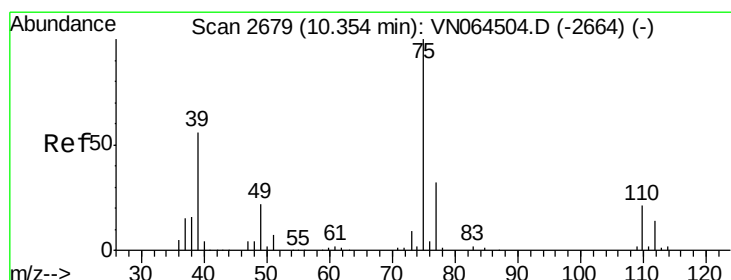
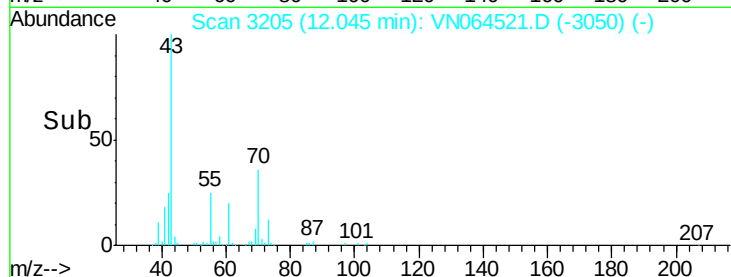
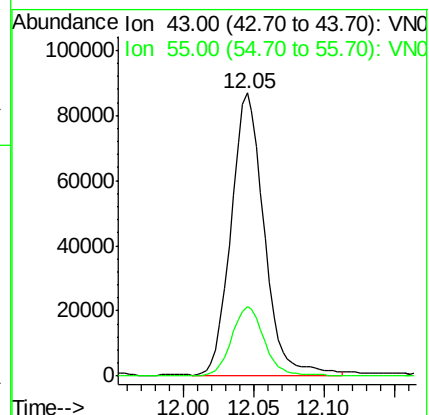
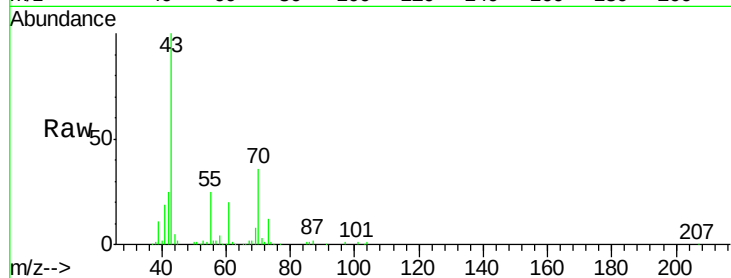
VN1110WBS01

Tot Ion: 43 Resp: 141421

Ion Ratio Lower Upper

43 100

55 24.2 19.2 28.8



#48

t-1,3-Dichloropropene

Concen: 19.256 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN064521.D

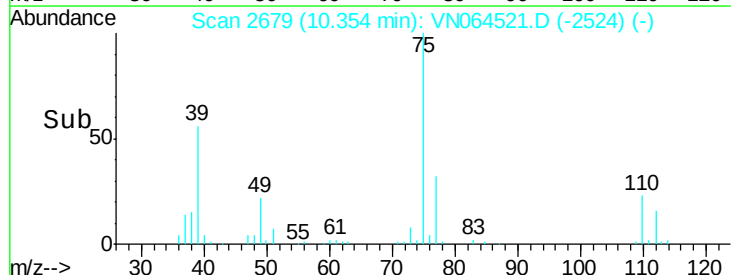
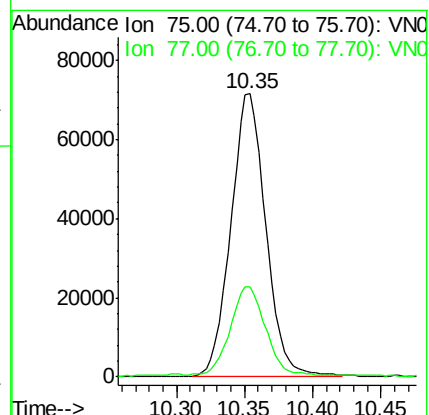
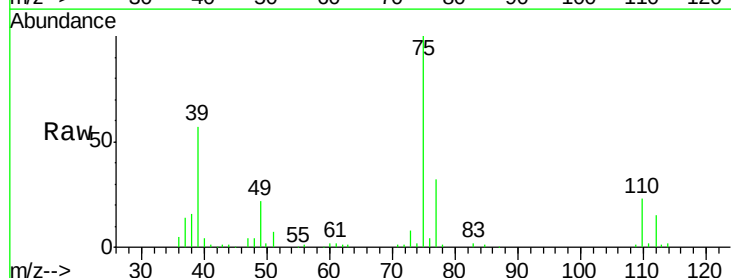
Acq: 10 Nov 2020 13:23

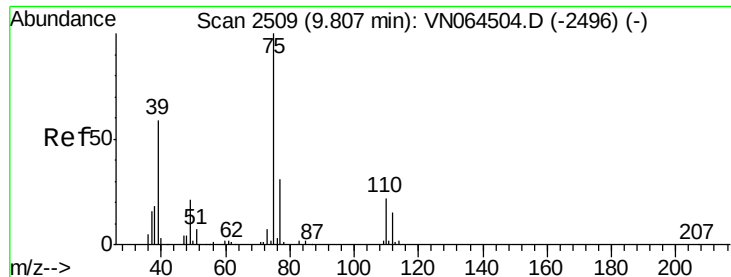
Tgt Ion: 75 Resp: 127757

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

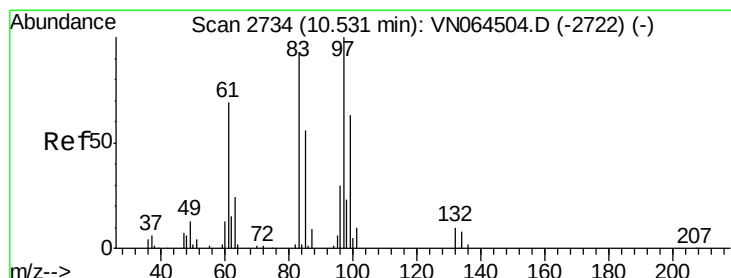
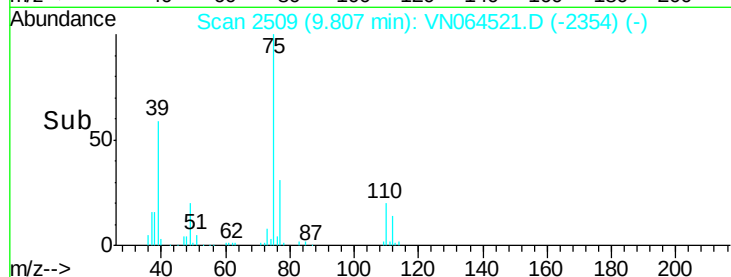
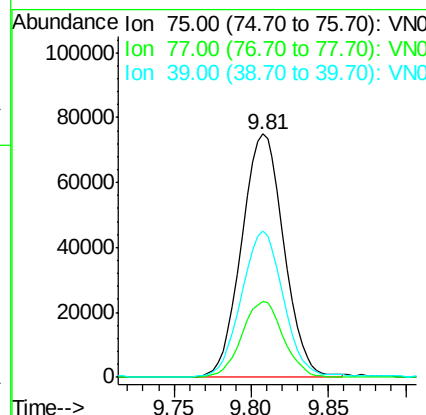
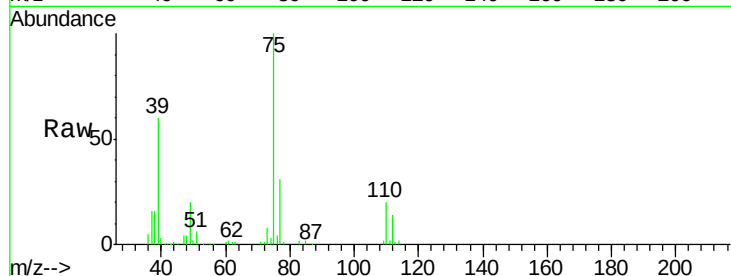




#49
 cis-1,3-Dichloropropene
 Concen: 20.472 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

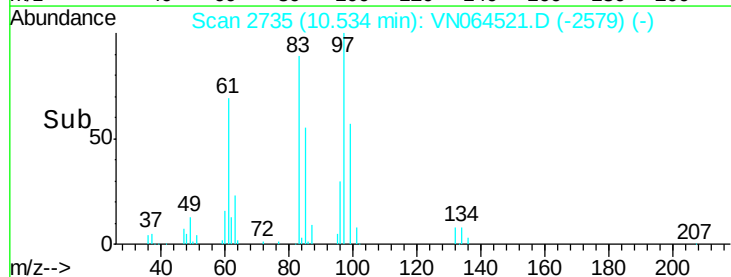
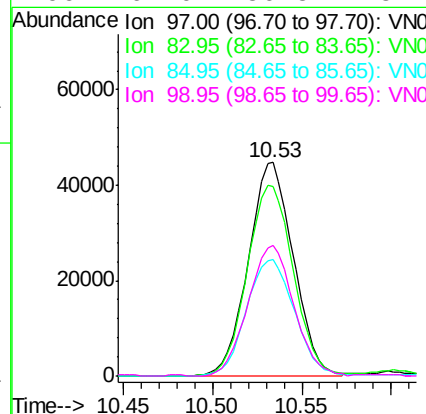
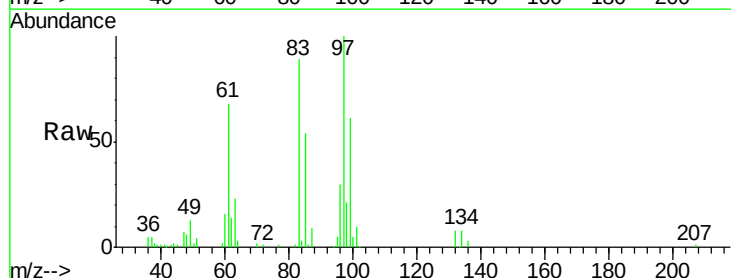
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

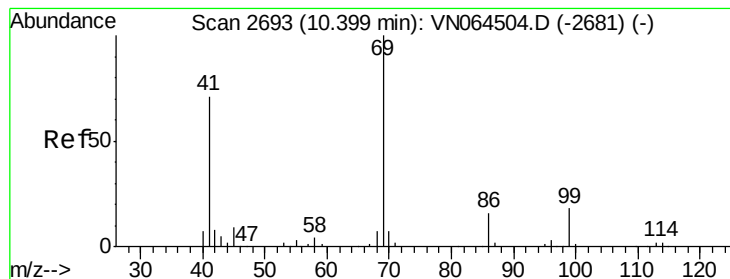
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	59.5	47.4	71.0



#50
 1,1,2-Trichloroethane
 Concen: 19.943 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	74.2	111.4
85	54.3	44.8	67.2
99	61.0	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.533 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

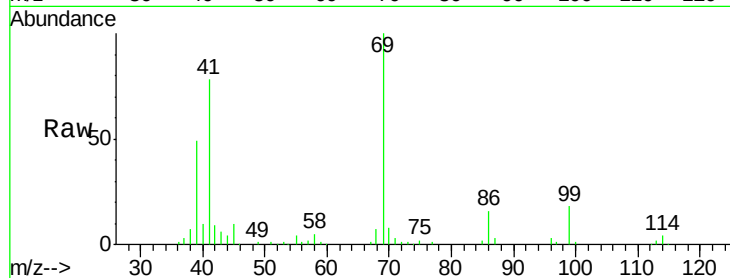
Tot Ion: 69 Resp: 105180

Ion Ratio Lower Upper

69 100

41 77.0 35.4 106.1

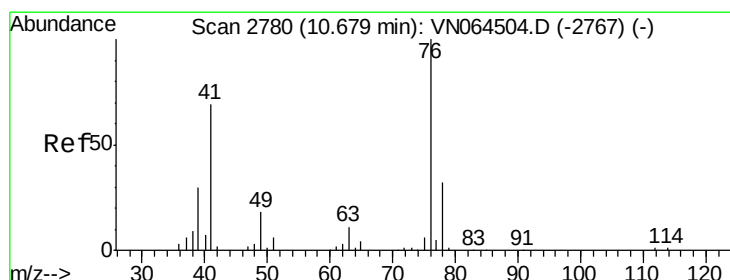
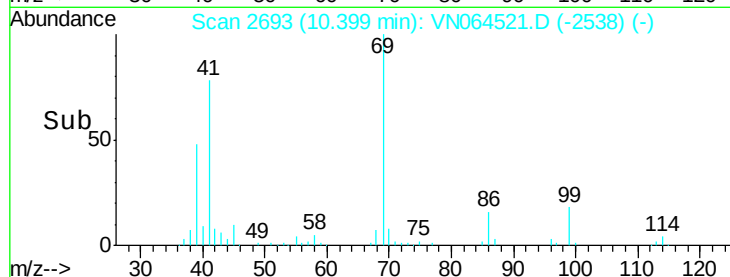
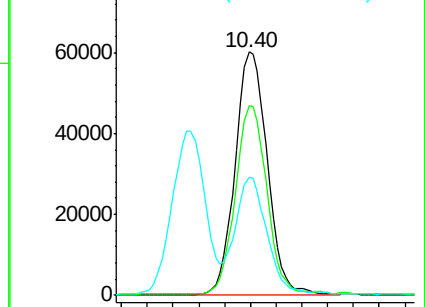
39 47.9 24.1 72.2



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 19.929 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064521.D

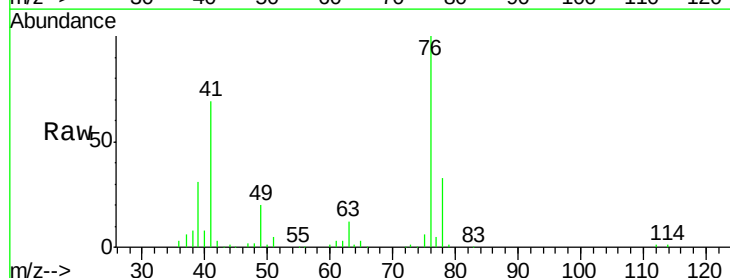
Acq: 10 Nov 2020 13:23

Tgt Ion: 76 Resp: 135595

Ion Ratio Lower Upper

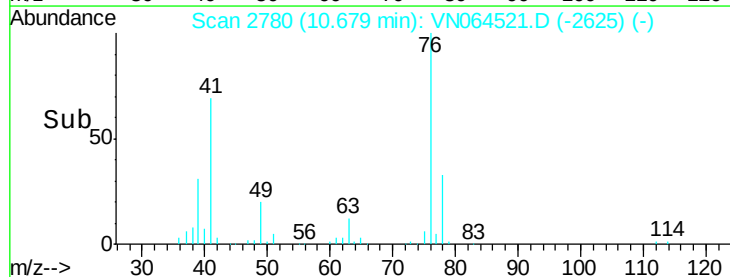
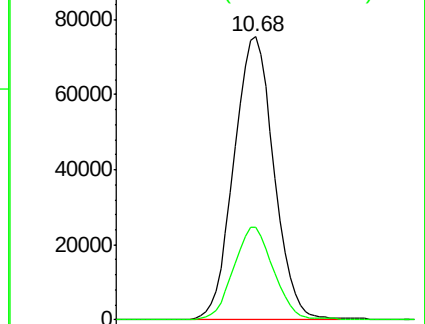
76 100

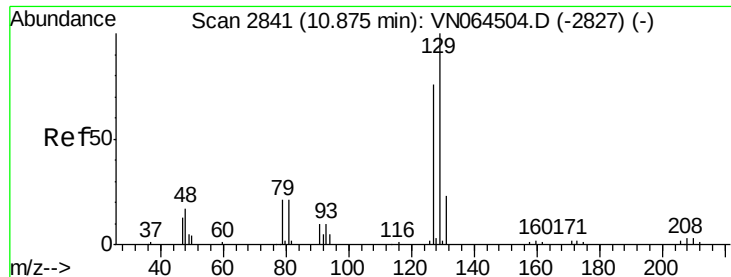
78 32.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 20.034 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

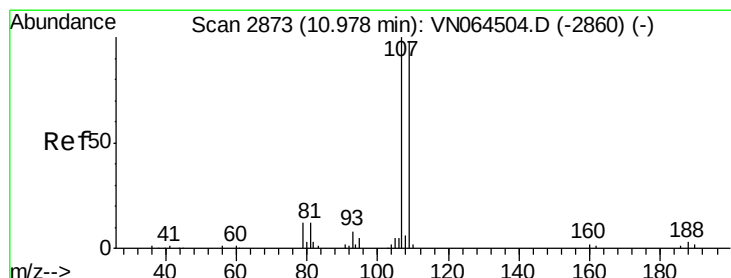
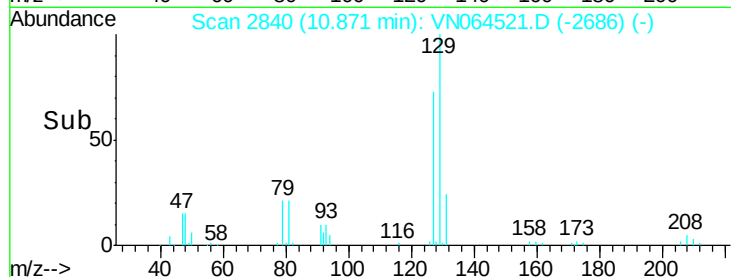
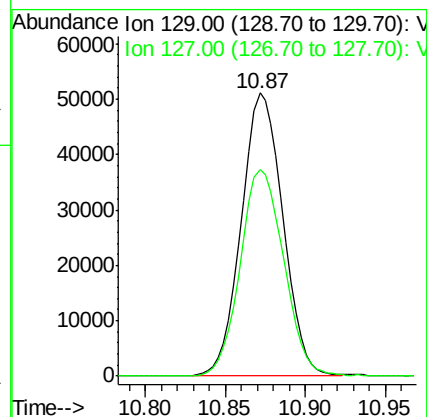
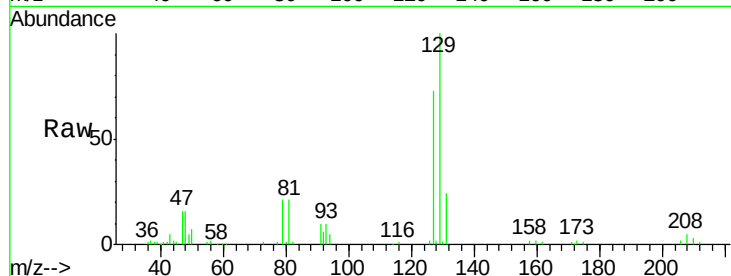
VN1110WBS01

Tot Ion:129 Resp: 90870

Ion Ratio Lower Upper

129 100

127 76.2 39.1 117.2



#54

1,2-Dibromoethane

Concen: 20.222 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064521.D

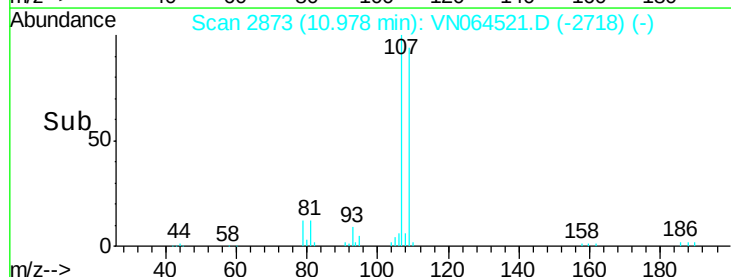
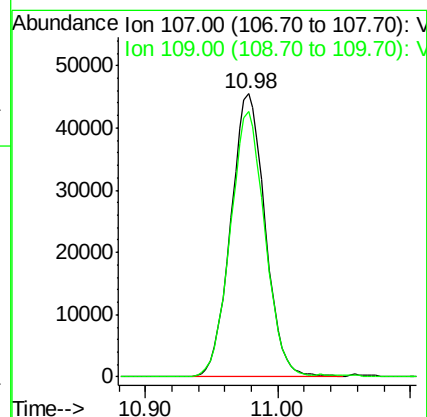
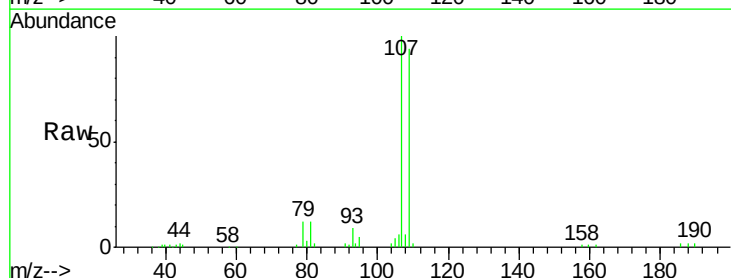
Acq: 10 Nov 2020 13:23

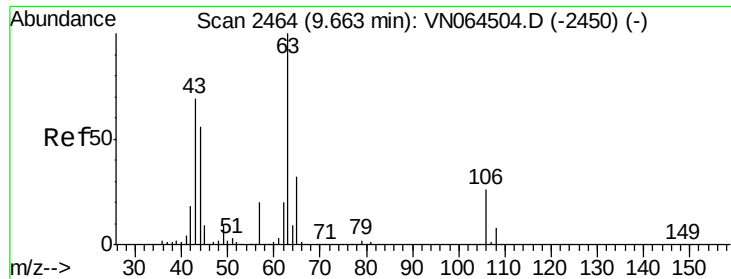
Tgt Ion:107 Resp: 81917

Ion Ratio Lower Upper

107 100

109 94.4 77.2 115.8

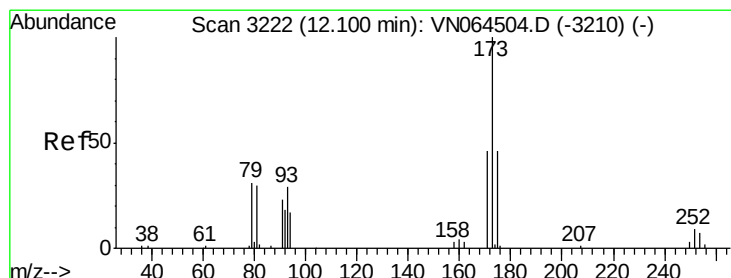
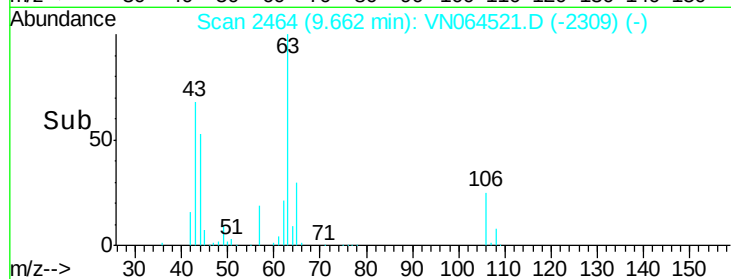
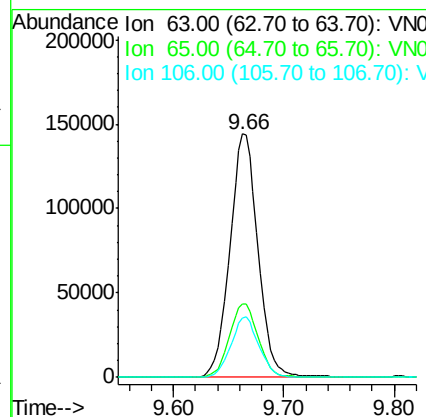
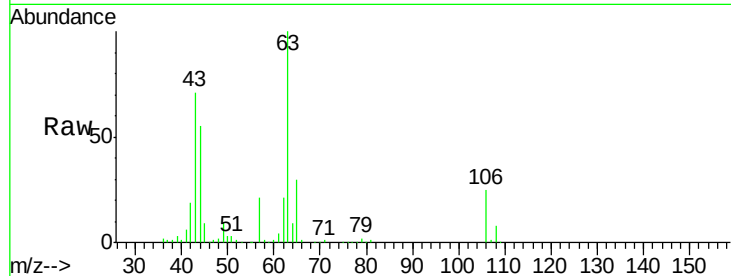




#55
 2-Chloroethyl vinyl ether
 Concen: 85.597 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

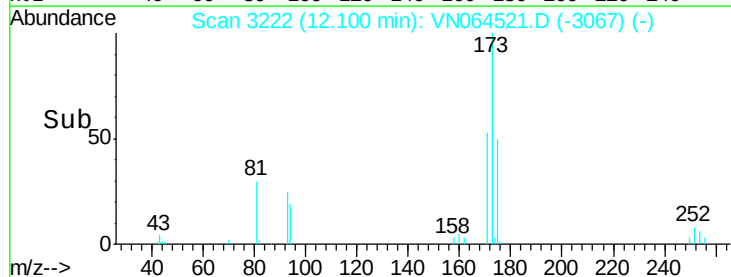
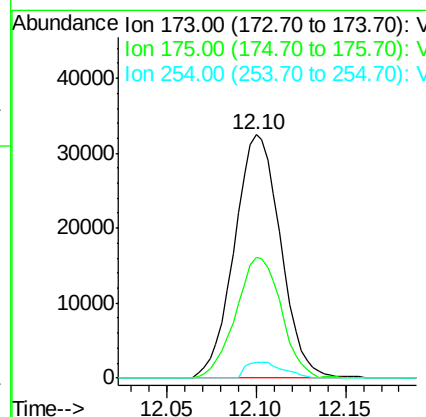
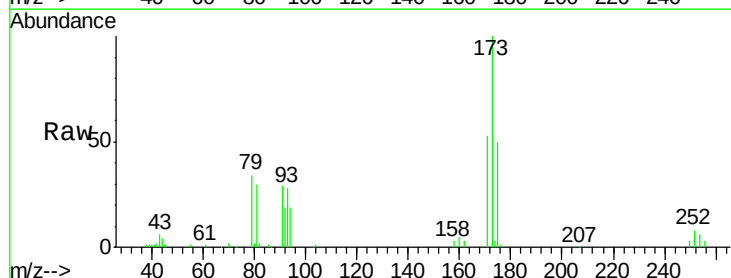
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

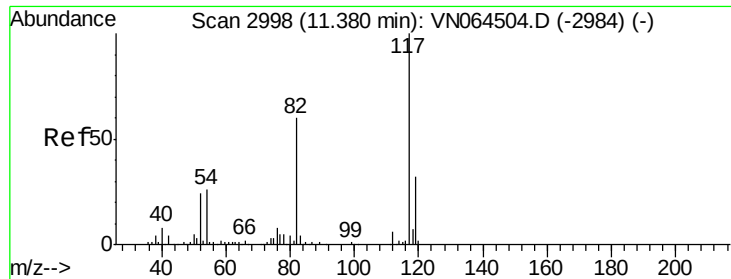
Tot Ion: 63 Resp: 254226
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.7 38.5
 106 24.6 19.9 29.9



#56
 Bromoform
 Concen: 19.682 ug/l
 RT: 12.10 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 173 Resp: 58582
 Ion Ratio Lower Upper
 173 100
 175 48.5 37.1 55.7
 254 5.3 5.4 8.2#

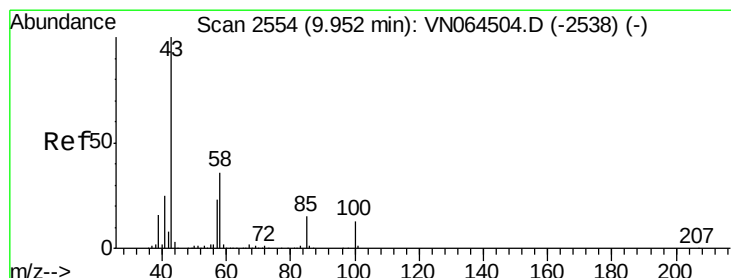
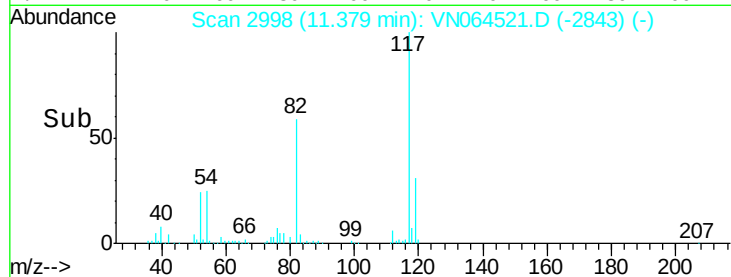
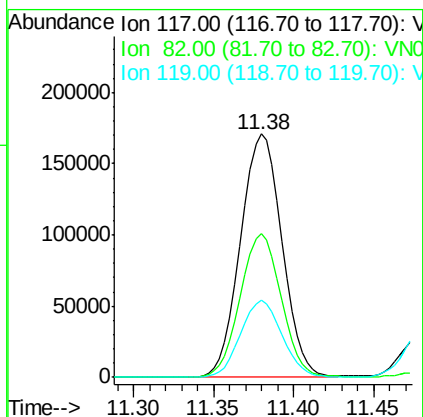
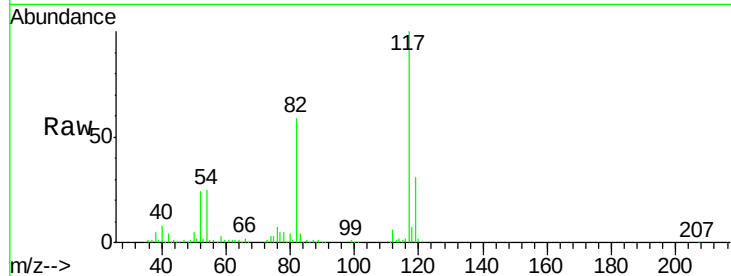




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

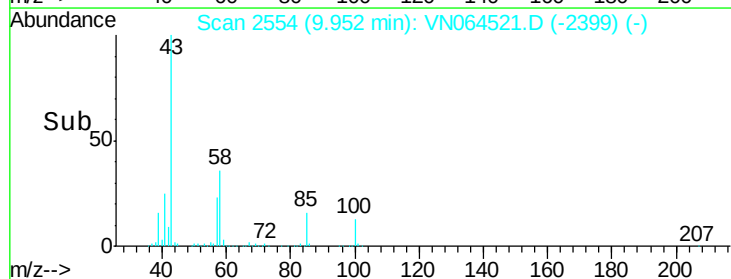
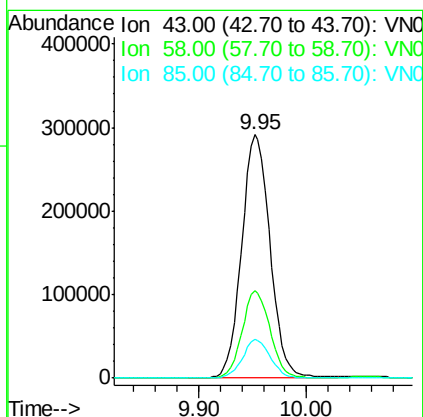
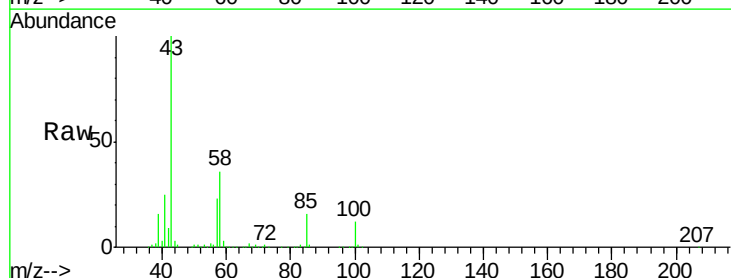
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

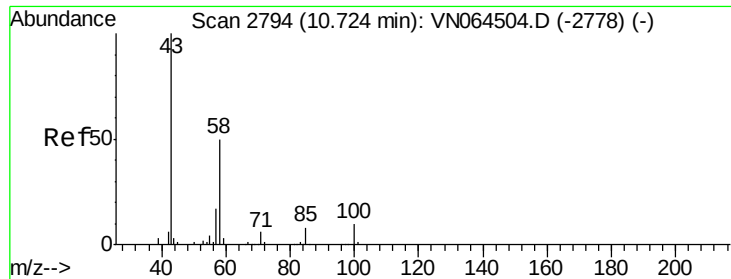
Tot Ion:117 Resp: 303357
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 31.5 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 95.913 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 43 Resp: 534316
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2
85 15.4 12.3 18.5

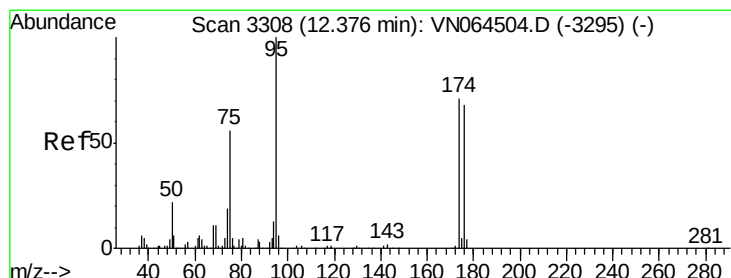
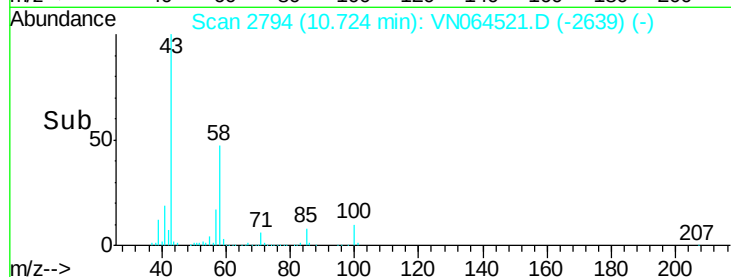
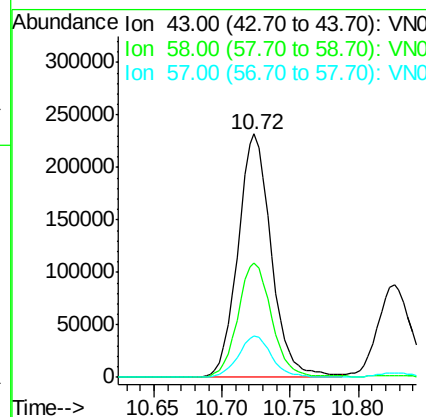
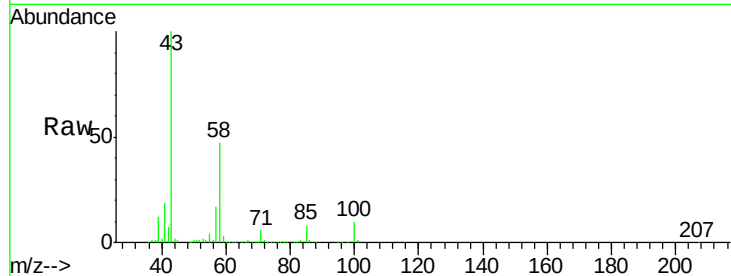




#59
2-Hexanone
Concen: 93.299 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

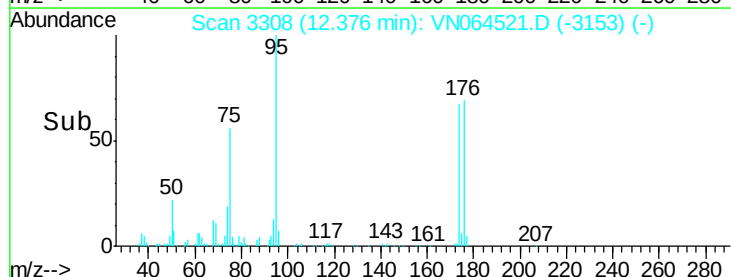
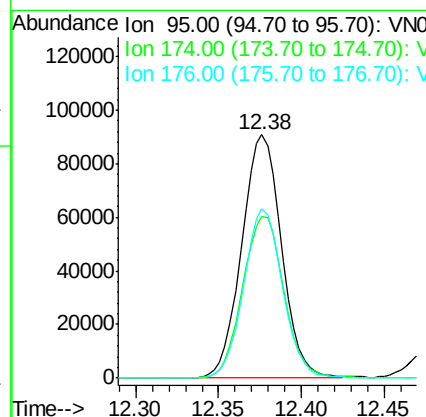
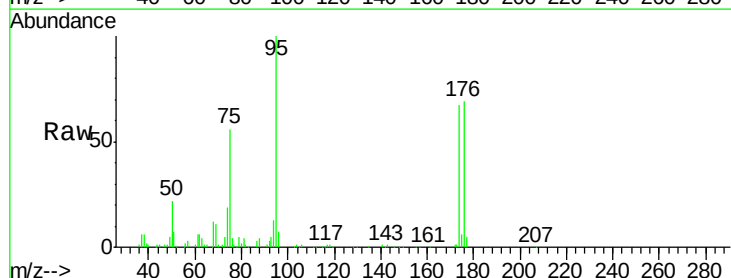
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

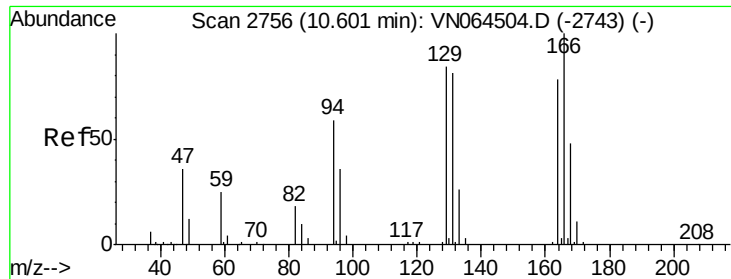
Tot Ion: 43 Resp: 391470
Ion Ratio Lower Upper
43 100
58 48.4 38.2 57.4
57 17.1 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 29.243 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 95 Resp: 151962
Ion Ratio Lower Upper
95 100
174 69.1 56.4 84.6
176 68.3 53.3 79.9

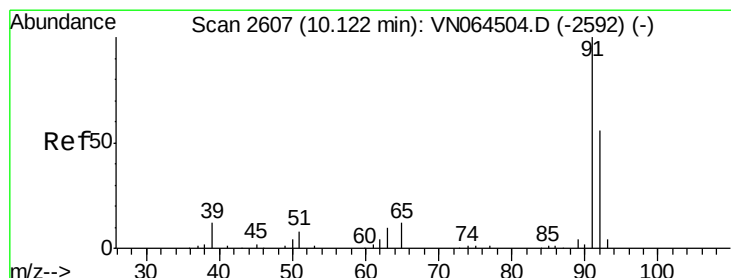
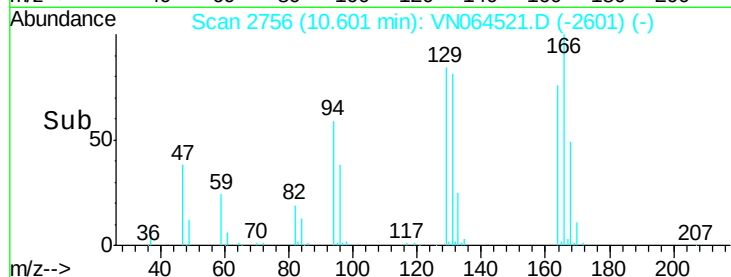
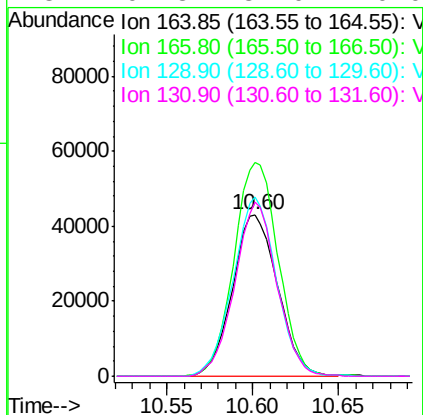
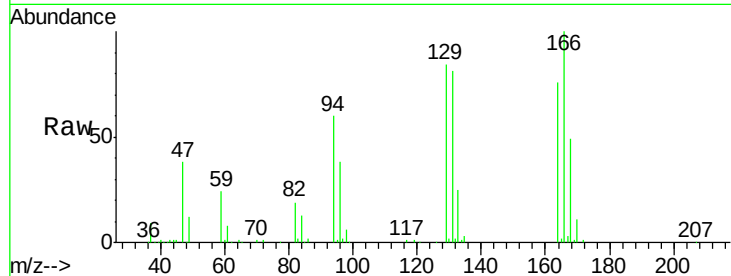




#61
Tetrachloroethene
Concen: 20.759 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

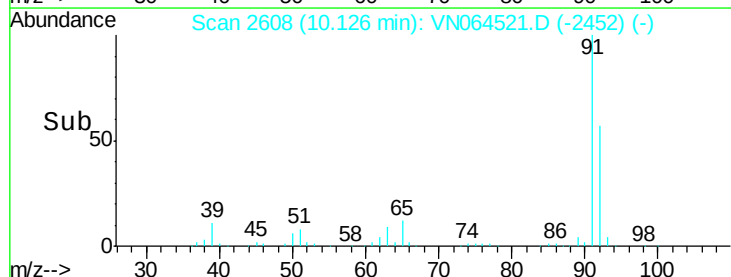
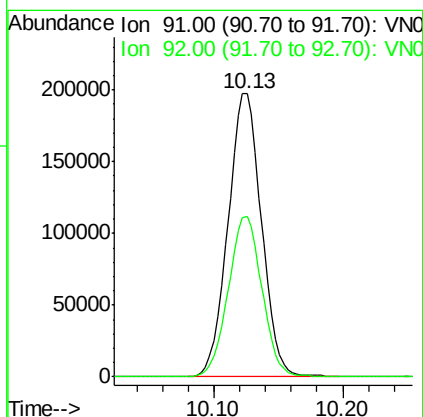
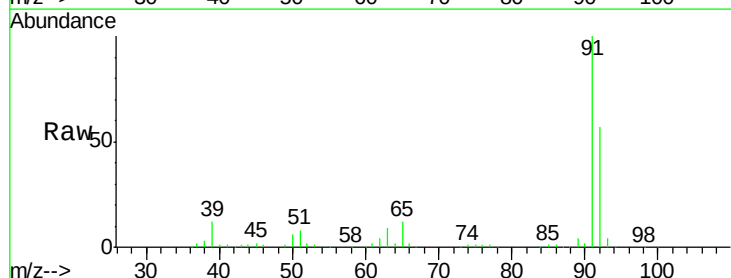
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

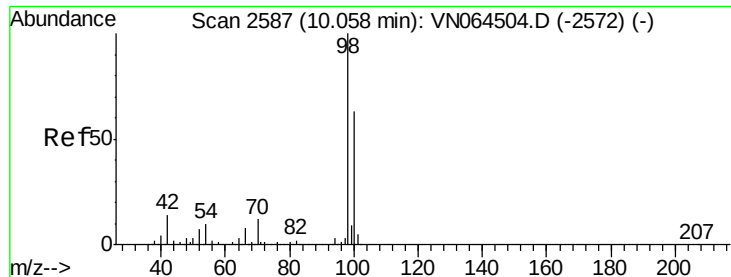
Tot Ion:164 Resp: 78715
Ion Ratio Lower Upper
164 100
166 131.5 103.2 154.8
129 110.7 86.4 129.6
131 107.3 84.0 126.0



#62
Toluene
Concen: 19.970 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion: 91 Resp: 355774
Ion Ratio Lower Upper
91 100
92 57.1 45.4 68.2





#63

Toluene-d8

Concen: 29.508 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampled :

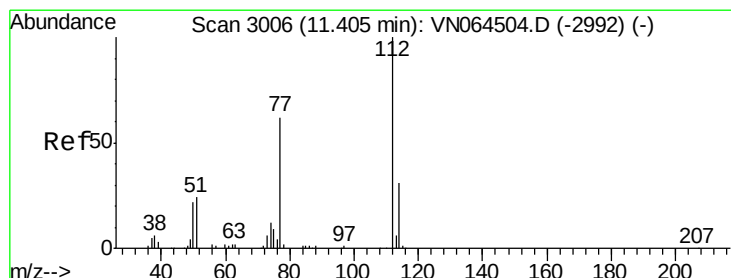
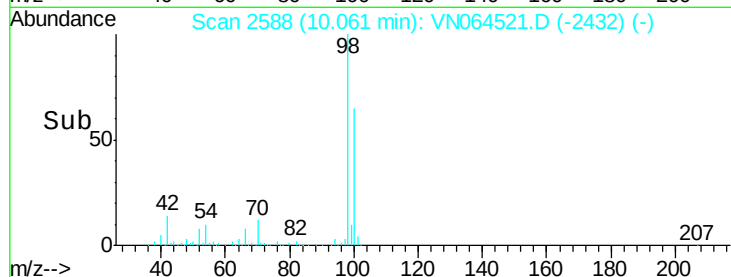
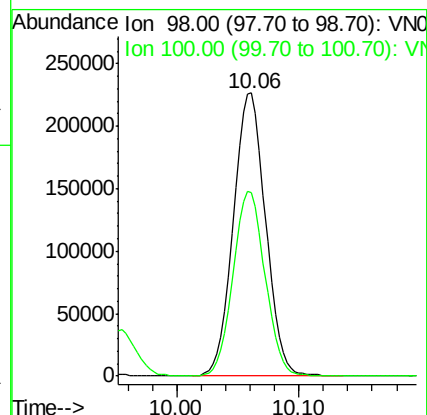
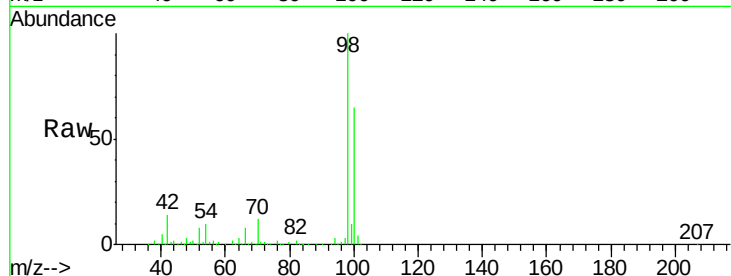
VN1110WBS01

Tot Ion: 98 Resp: 417469

Ion Ratio Lower Upper

98 100

100 64.5 49.4 74.2



#64

Chlorobenzene

Concen: 19.971 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064521.D

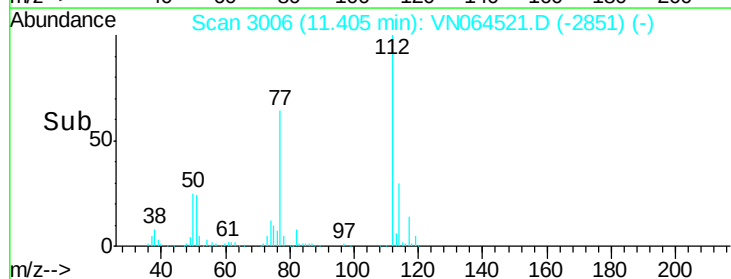
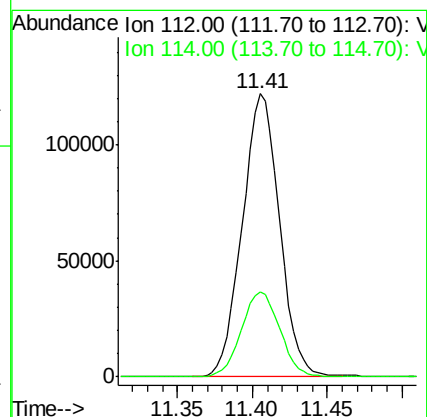
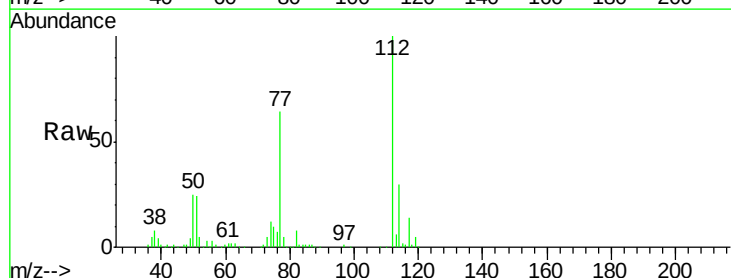
Acq: 10 Nov 2020 13:23

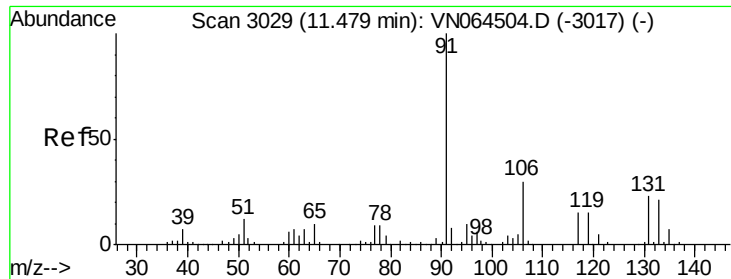
Tgt Ion: 112 Resp: 211483

Ion Ratio Lower Upper

112 100

114 29.9 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.105 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

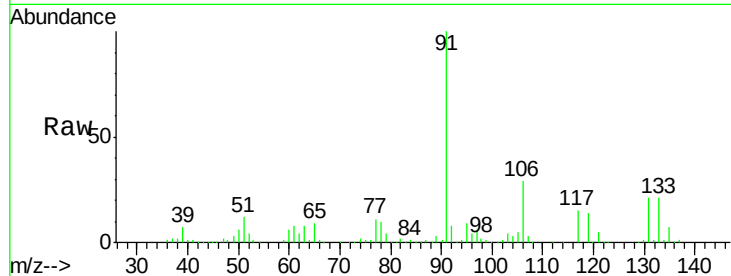
Tot Ion:131 Resp: 83229

Ion Ratio Lower Upper

131 100

133 96.2 0.0 191.2

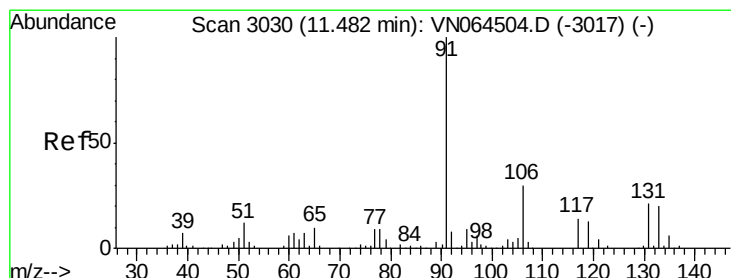
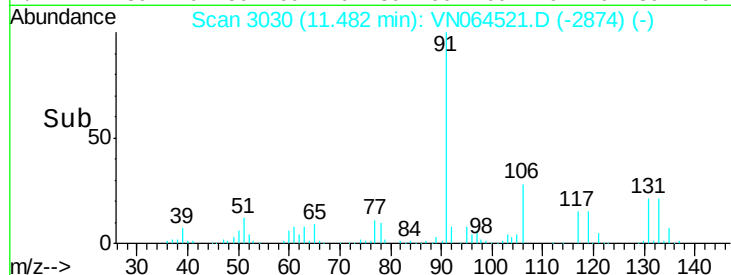
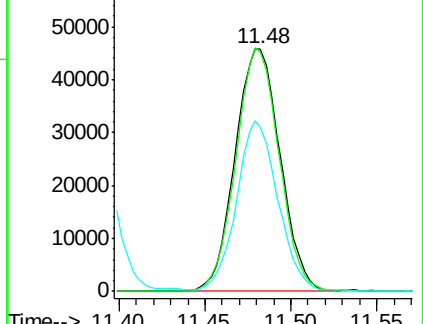
119 64.8 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.996 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064521.D

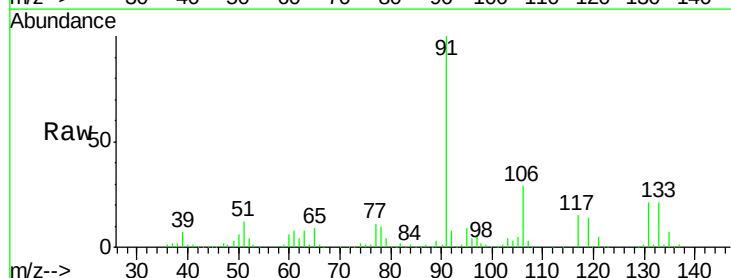
Acq: 10 Nov 2020 13:23

Tgt Ion: 91 Resp: 365232

Ion Ratio Lower Upper

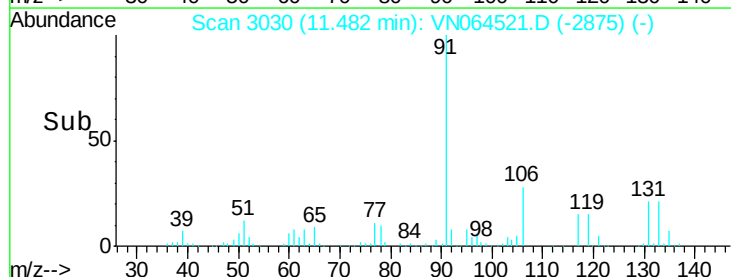
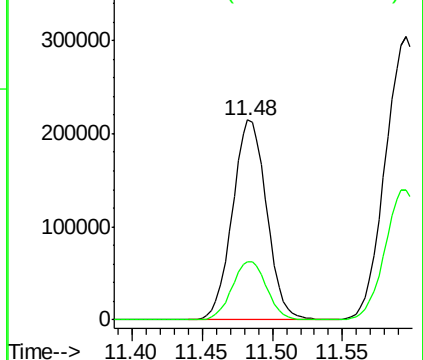
91 100

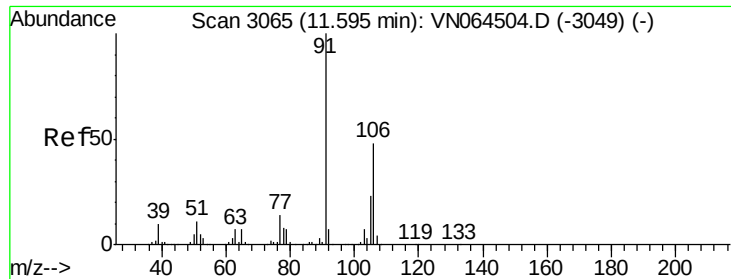
106 29.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.729 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

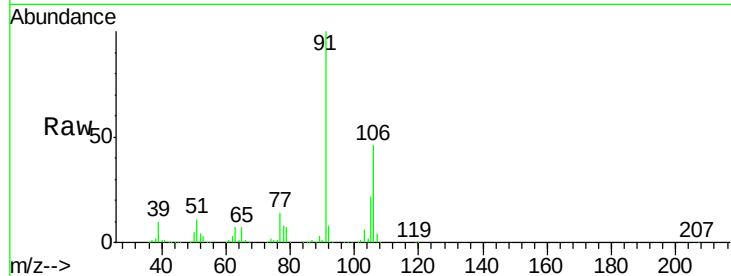
VN1110WBS01

Tot Ion:106 Resp: 274842

Ion Ratio Lower Upper

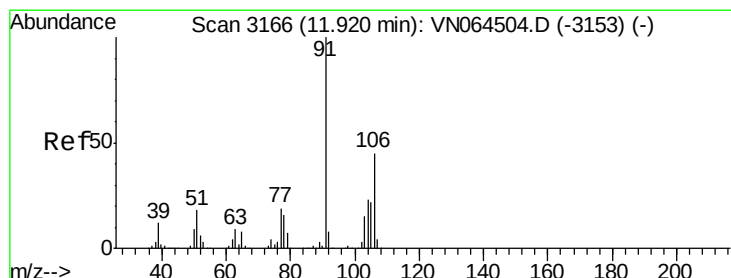
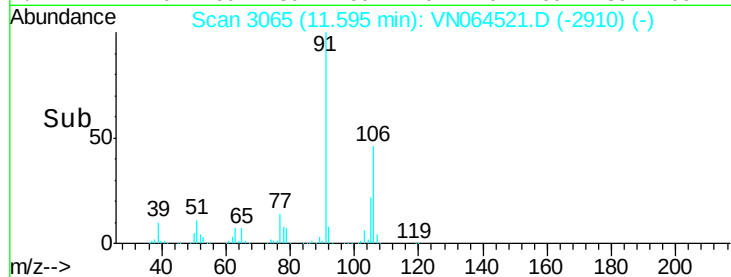
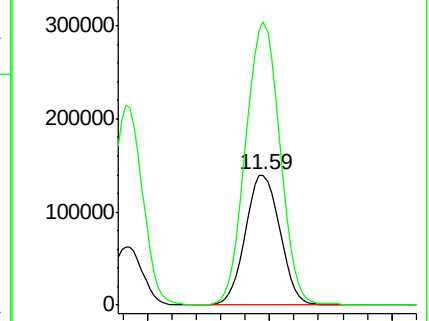
106 100

91 213.5 168.8 253.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.377 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064521.D

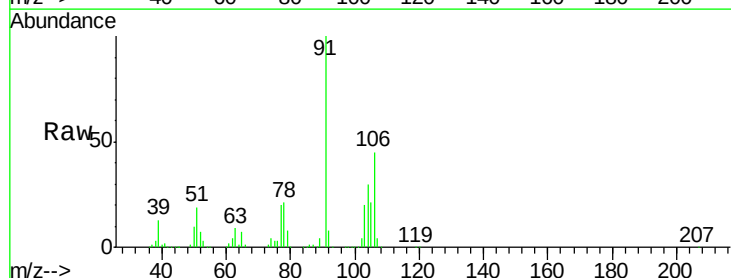
Acq: 10 Nov 2020 13:23

Tgt Ion:106 Resp: 130130

Ion Ratio Lower Upper

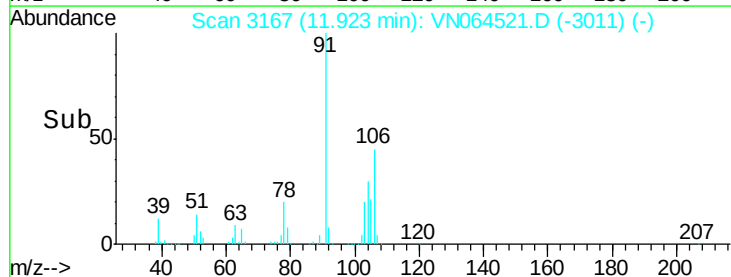
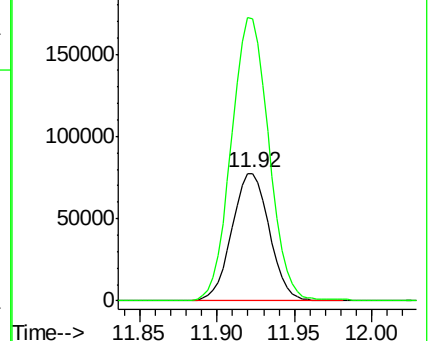
106 100

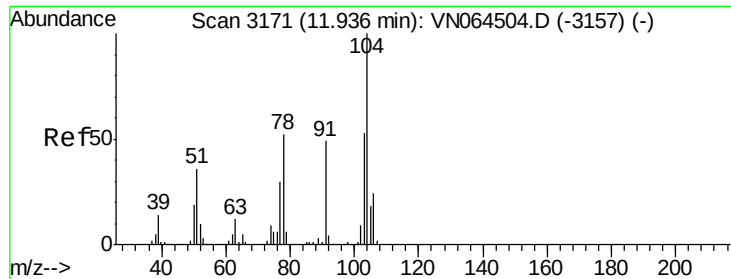
91 222.6 109.7 329.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

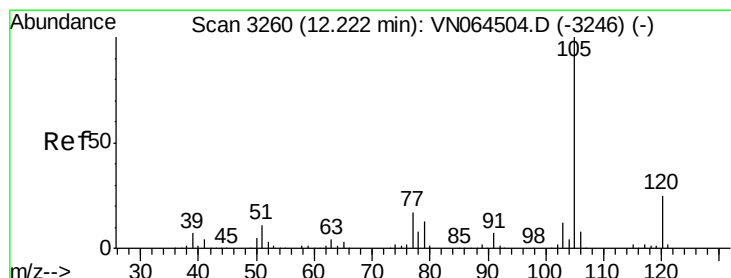
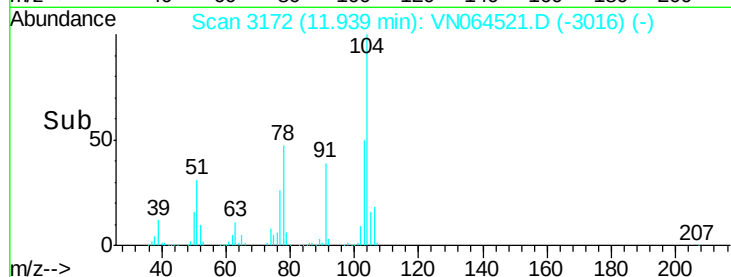
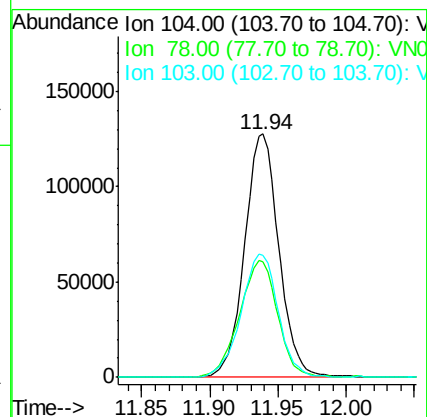
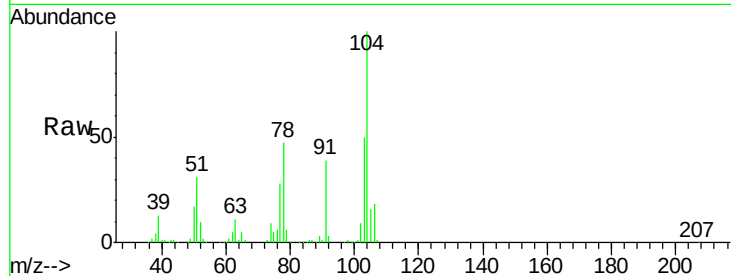




#69
Stvrene
Concen: 19.384 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

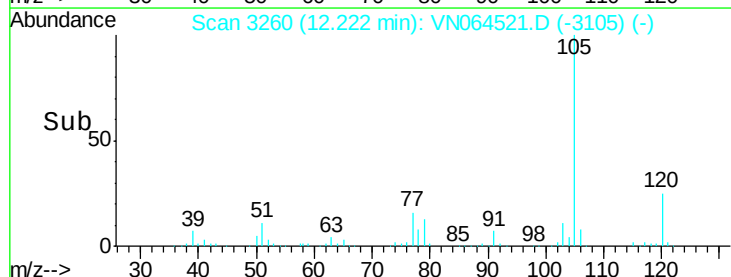
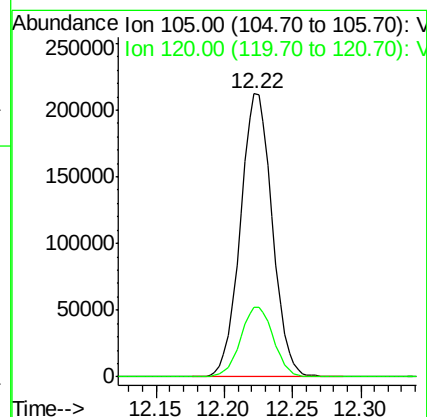
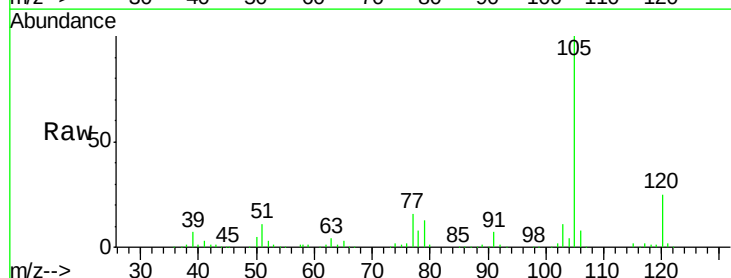
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

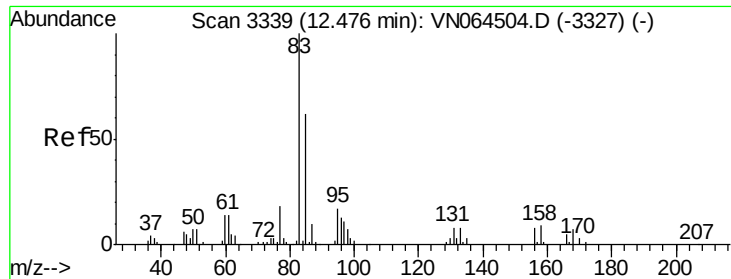
Tot Ion:104 Resp: 222933
Ion Ratio Lower Upper
104 100
78 53.5 44.4 66.6
103 54.7 44.6 67.0



#70
Isopropylbenzene
Concen: 19.537 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion:105 Resp: 343425
Ion Ratio Lower Upper
105 100
120 25.3 17.9 33.3

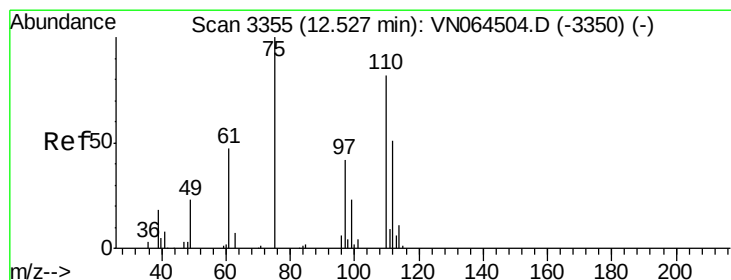
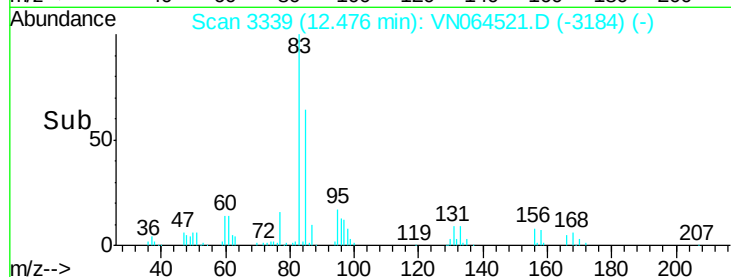
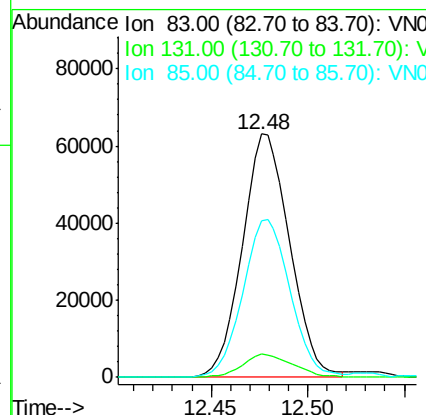
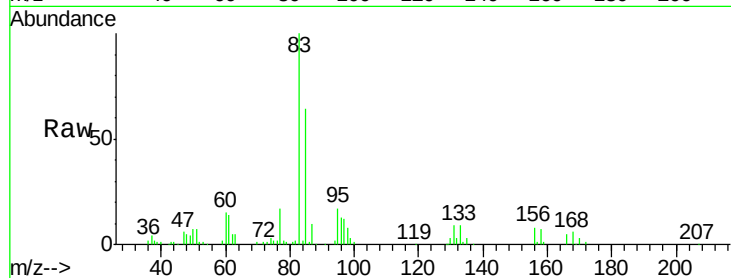




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.067 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

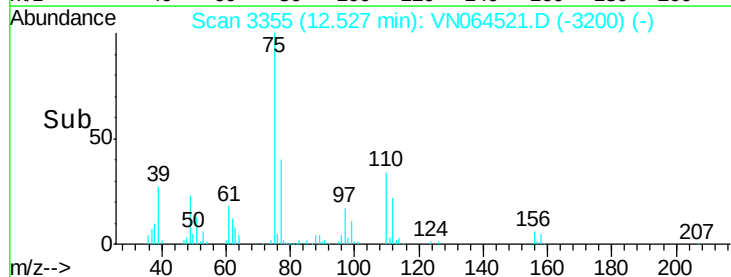
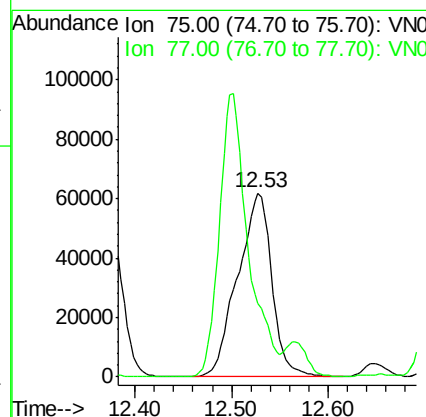
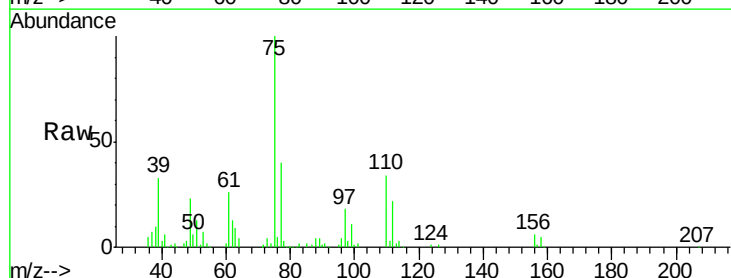
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110WBS01

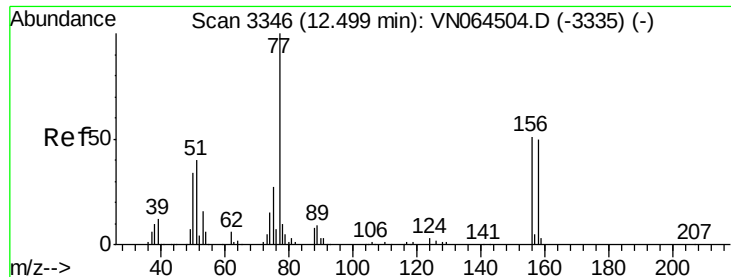
Tot Ion	83	Resp	107333
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.6	13.8
85	64.7	31.4	94.0



#72
 1,2,3-Trichloropropane
 Concen: 27.119 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion	75	Resp	152247
Ion Ratio	Lower	Upper	
75	100		
77	130.0	0.0	379.4





#73

Bromobenzene

Concen: 19.203 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

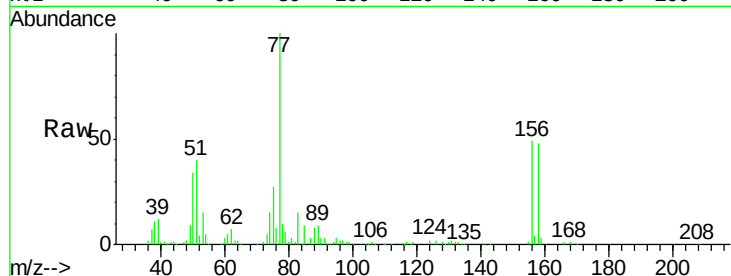
Tot Ion:156 Resp: 83502

Ion Ratio Lower Upper

156 100

77 237.0 0.0 480.2

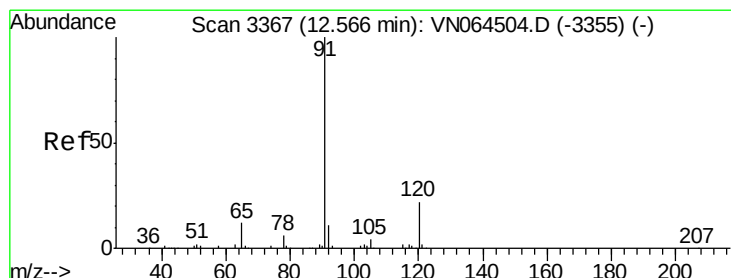
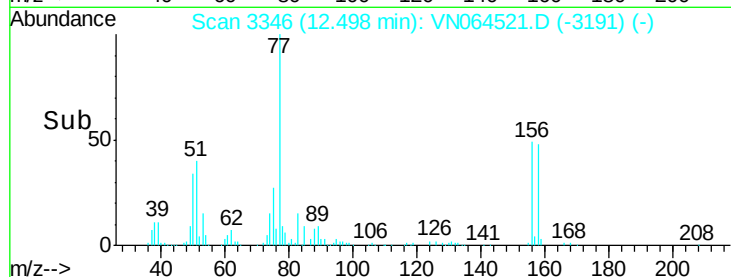
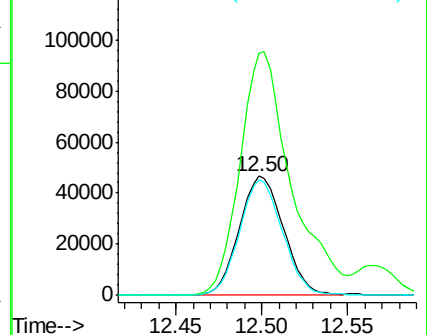
158 94.2 0.0 194.0



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: 19.692 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064521.D

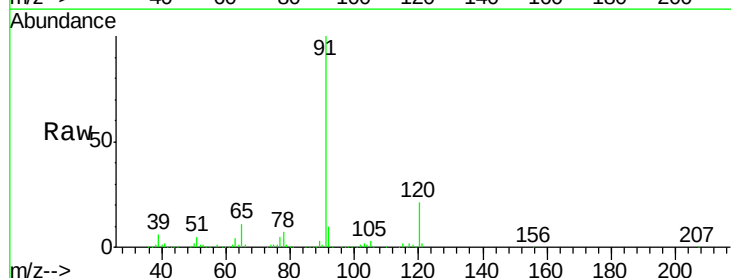
Acq: 10 Nov 2020 13:23

Tgt Ion: 91 Resp: 407137

Ion Ratio Lower Upper

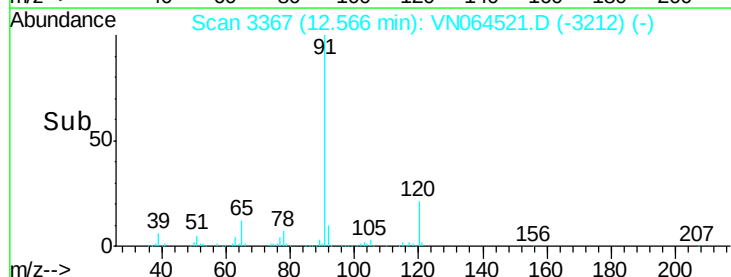
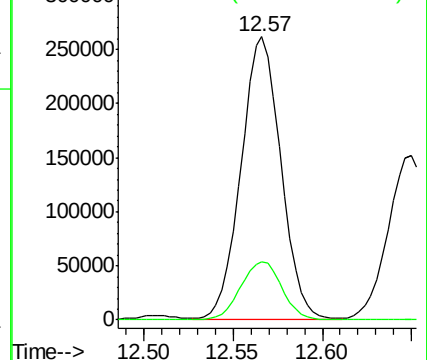
91 100

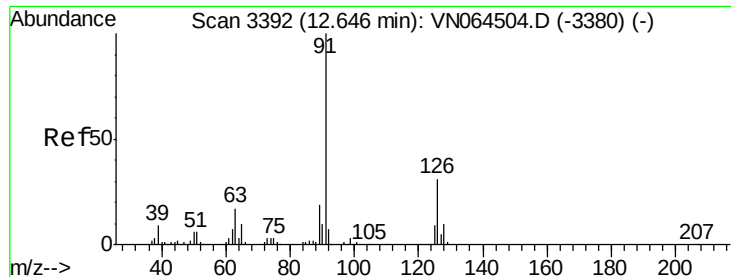
120 21.3 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.360 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

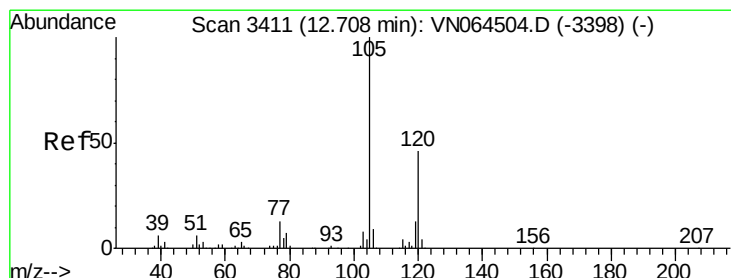
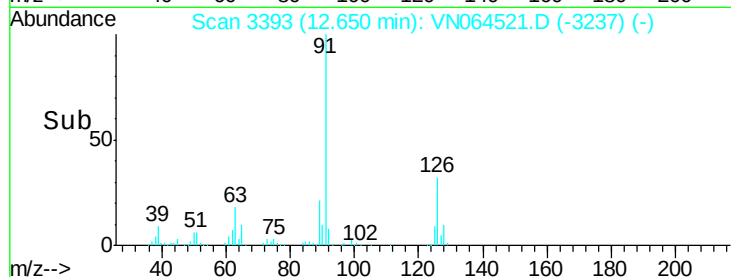
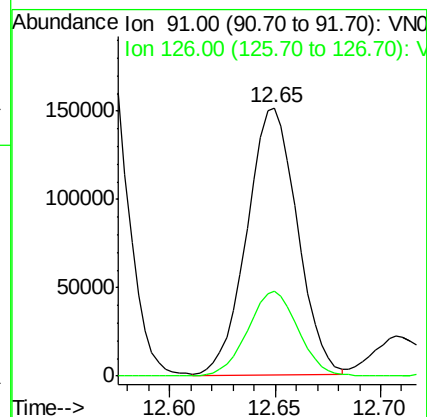
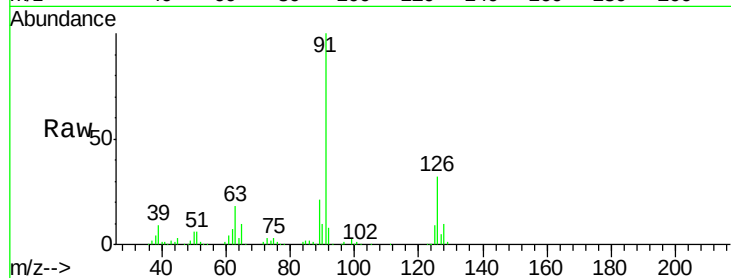
VN1110WBS01

Tot Ion: 91 Resp: 251675

Ion Ratio Lower Upper

91 100

126 31.8 0.0 61.8



#76

1,3,5-Trimethylbenzene

Concen: 19.955 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064521.D

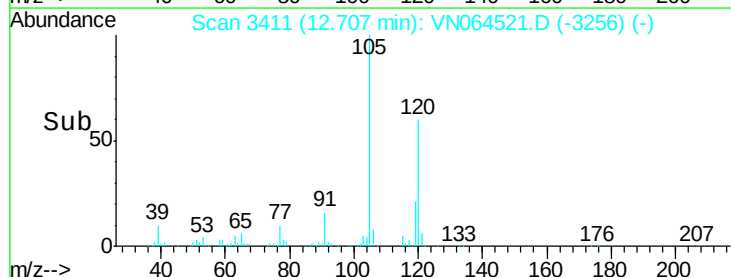
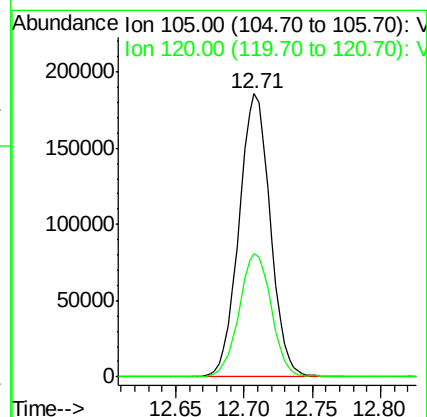
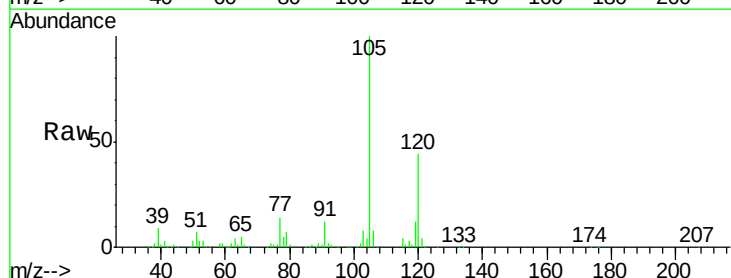
Acq: 10 Nov 2020 13:23

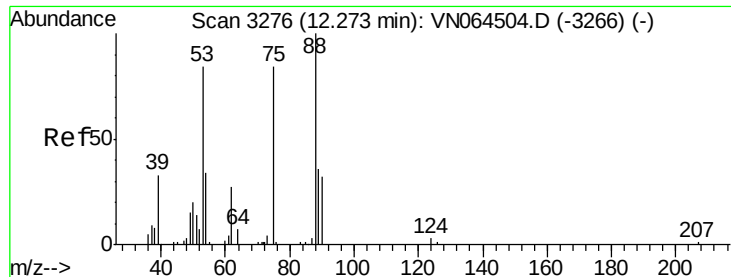
Tgt Ion: 105 Resp: 296105

Ion Ratio Lower Upper

105 100

120 44.5 0.0 90.4





#77

t-1,4-Dichloro-2-butene

Concen: 16.993 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

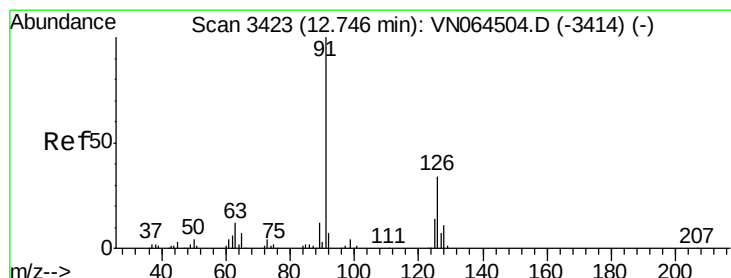
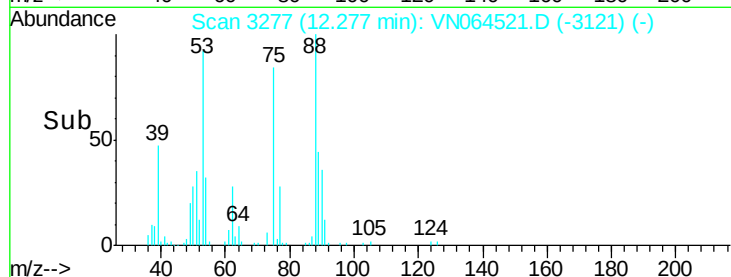
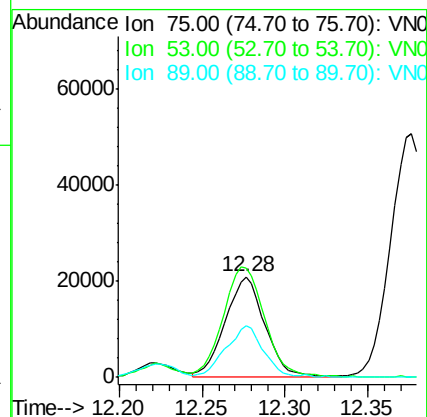
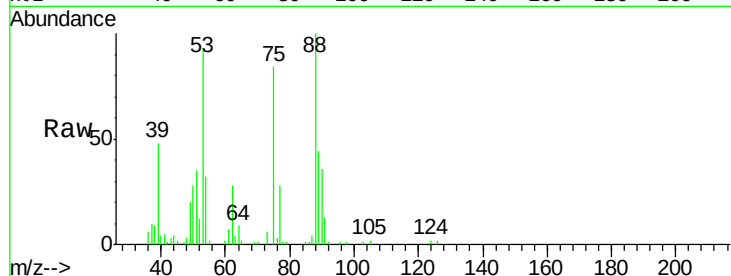
Tot Ion: 75 Resp: 34783

Ion Ratio Lower Upper

75 100

53 109.3 50.3 150.9

89 52.6 23.3 69.8



#78

4-Chlorotoluene

Concen: 18.798 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064521.D

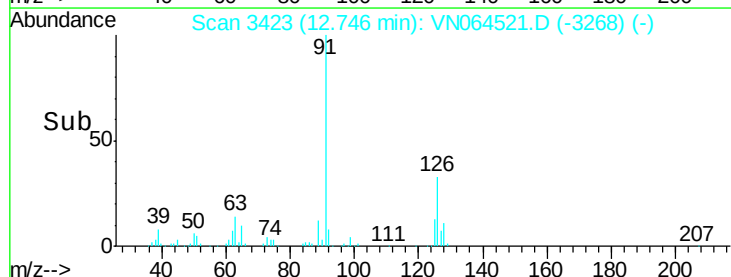
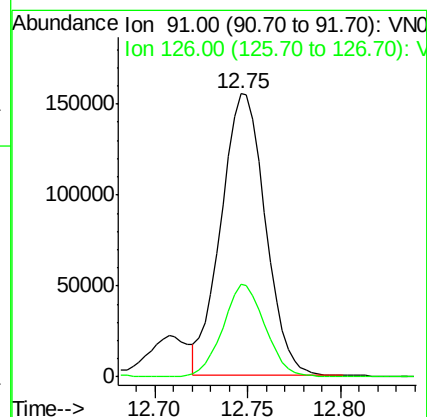
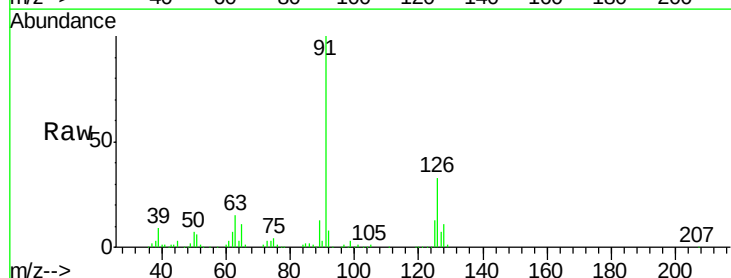
Acq: 10 Nov 2020 13:23

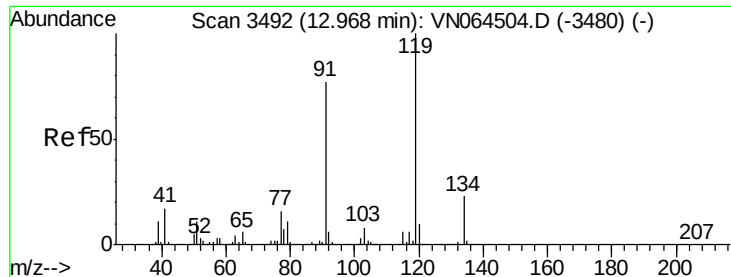
Tgt Ion: 91 Resp: 256776

Ion Ratio Lower Upper

91 100

126 31.6 0.0 61.8

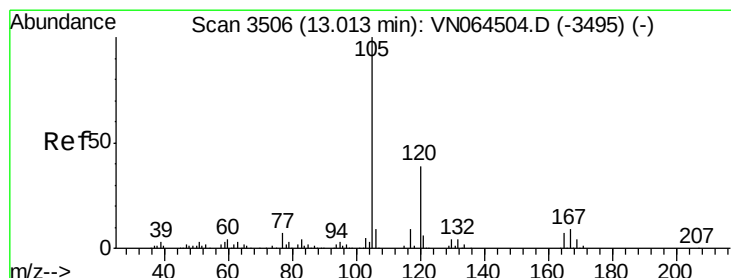
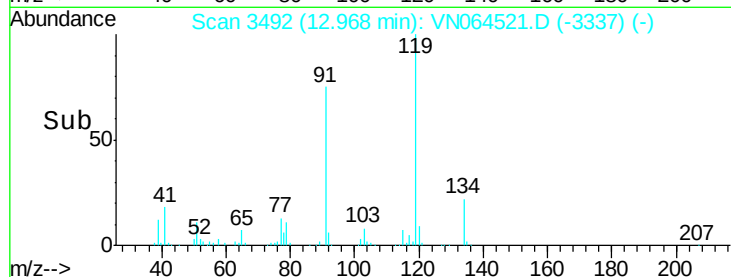
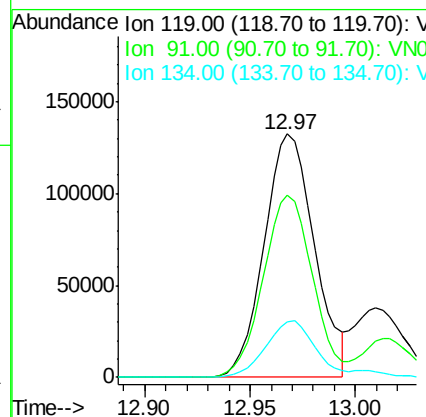
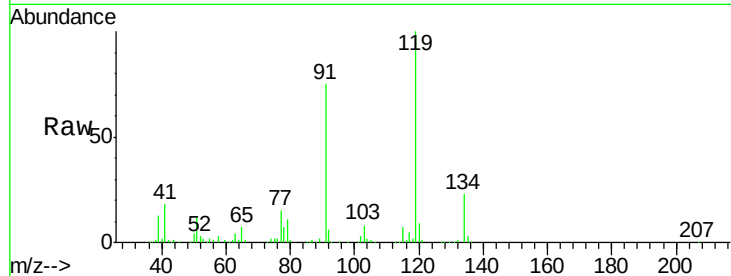




#79
tert-butylbenzene
Concen: 18.909 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

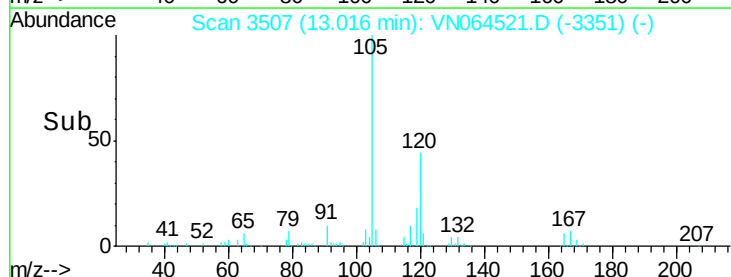
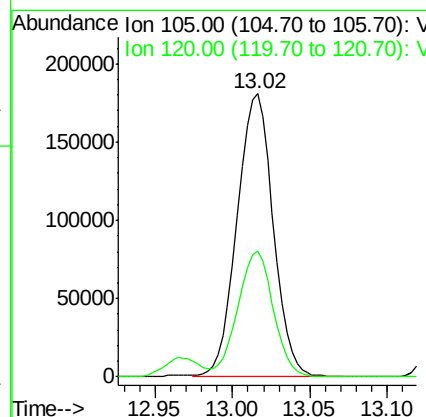
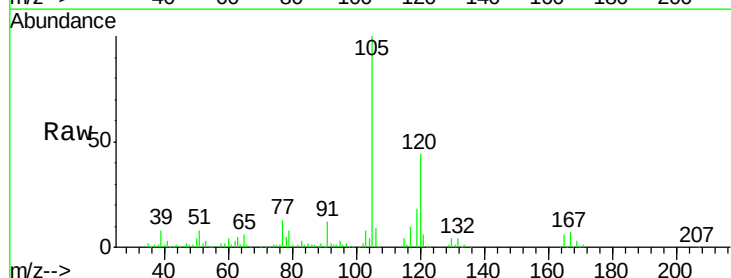
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

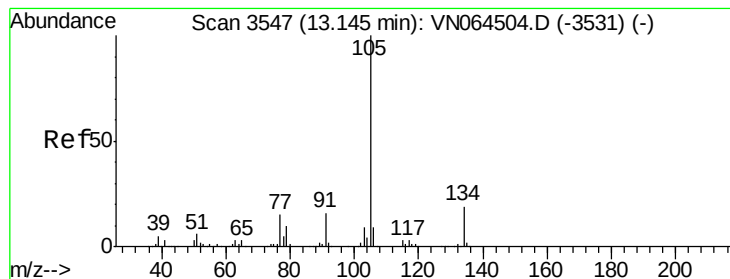
Tot Ion:119 Resp: 220195
Ion Ratio Lower Upper
119 100
91 73.9 0.0 147.8
134 22.8 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 19.461 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion:105 Resp: 291010
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.6





#81

sec-Butylbenzene

Concen: 19.050 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

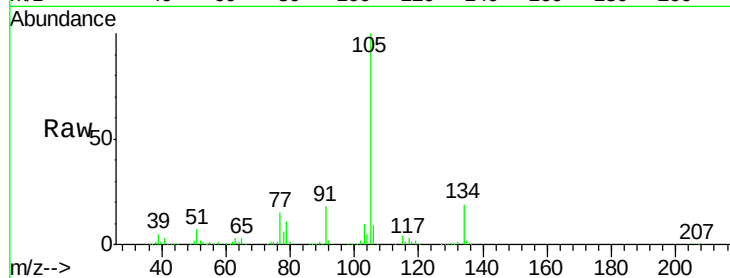
VN1110WBS01

Tot Ion:105 Resp: 294066

Ion Ratio Lower Upper

105 100

134 18.9 0.0 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

200000

150000

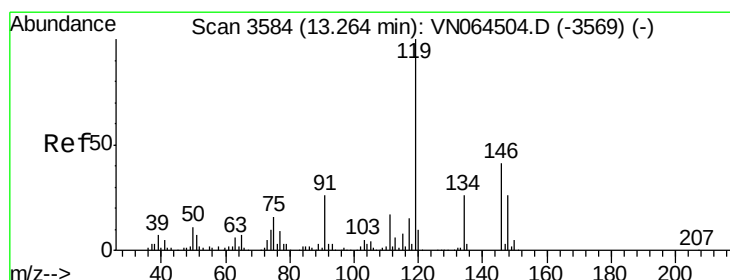
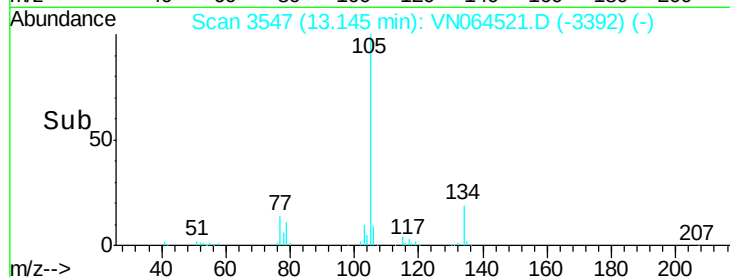
100000

50000

0

Time-->

13.10 13.15 13.20



#82

p-Isopropyltoluene

Concen: 19.099 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

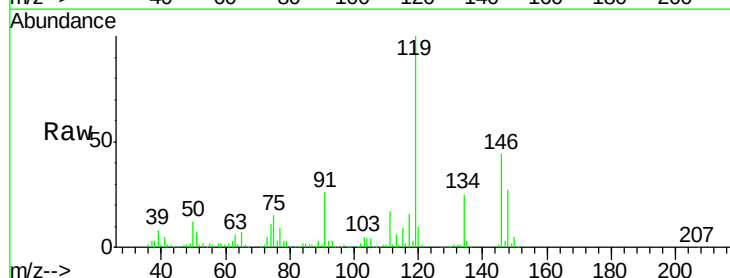
Tgt Ion:119 Resp: 263381

Ion Ratio Lower Upper

119 100

134 24.9 0.0 53.0

91 26.1 0.0 53.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

200000

150000

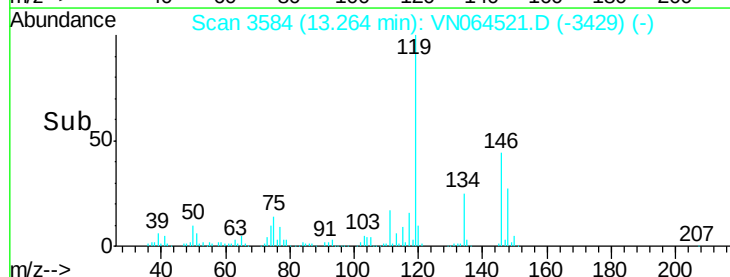
100000

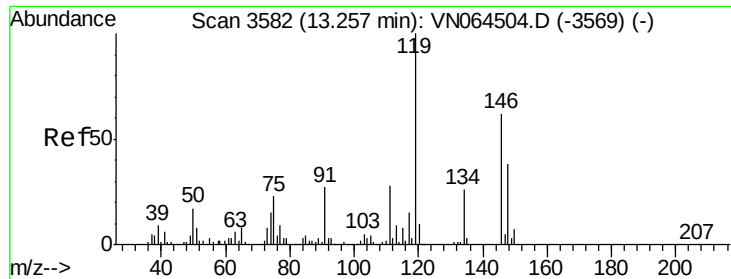
50000

0

Time-->

13.20 13.25 13.30 13.35





#83

1,3-Dichlorobenzene

Concen: 19.575 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

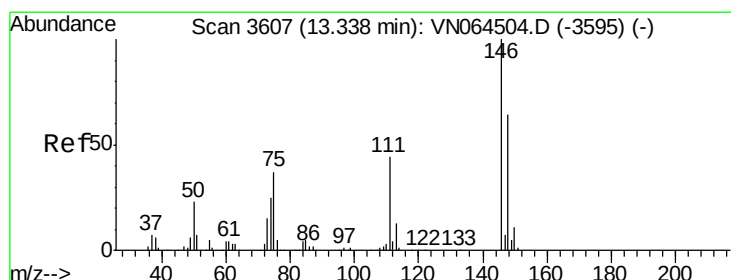
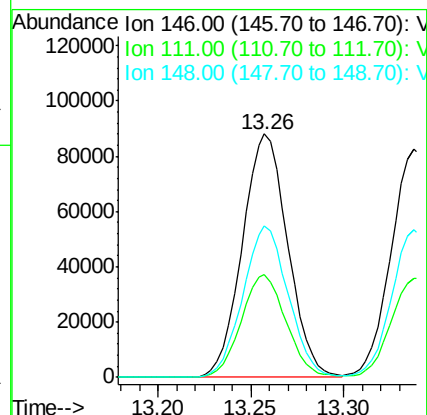
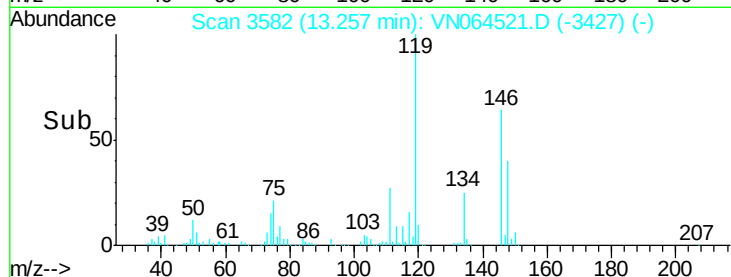
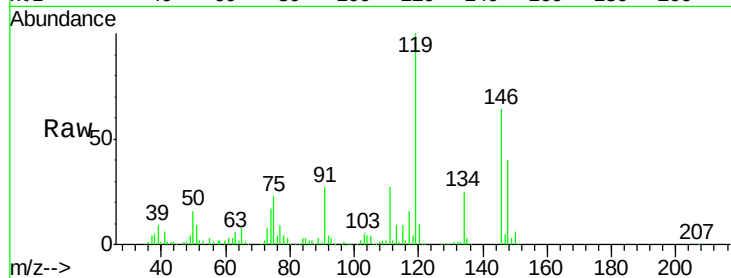
Tot Ion:146 Resp: 149740

Ion Ratio Lower Upper

146 100

111 41.8 22.3 66.9

148 61.9 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 18.560 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

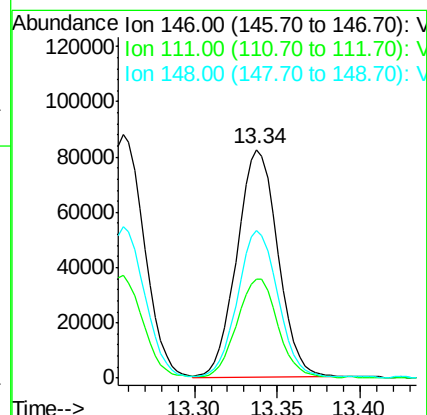
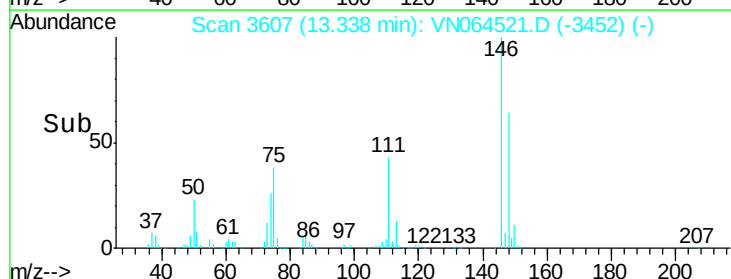
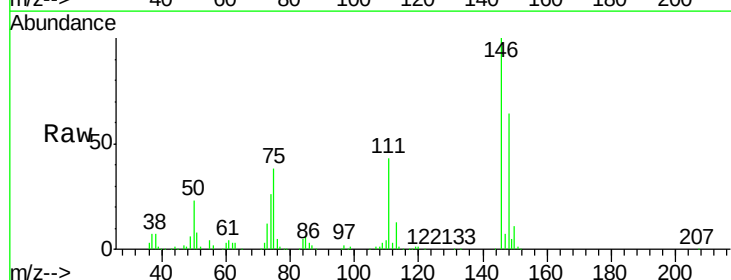
Tgt Ion:146 Resp: 141205

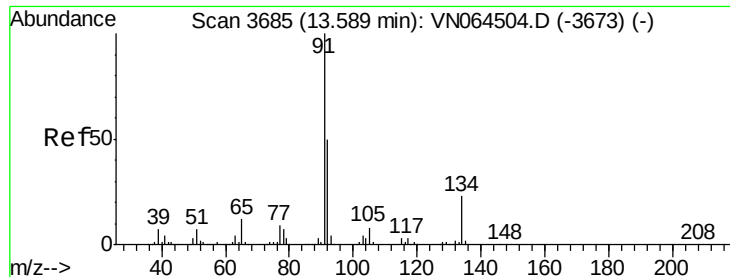
Ion Ratio Lower Upper

146 100

111 44.0 21.8 65.4

148 63.5 31.5 94.5





#85

n-Butylbenzene

Concen: 18.225 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

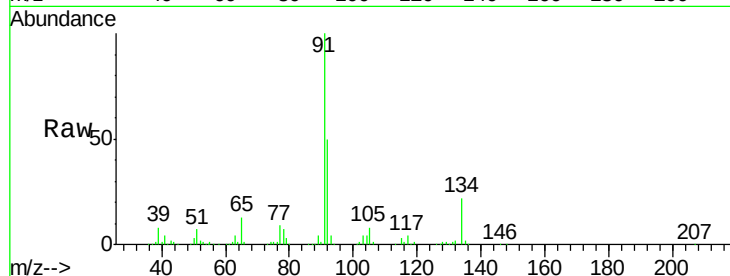
Tot Ion: 91 Resp: 217895

Ion Ratio Lower Upper

91 100

92 49.4 0.0 101.4

134 23.0 0.0 45.2

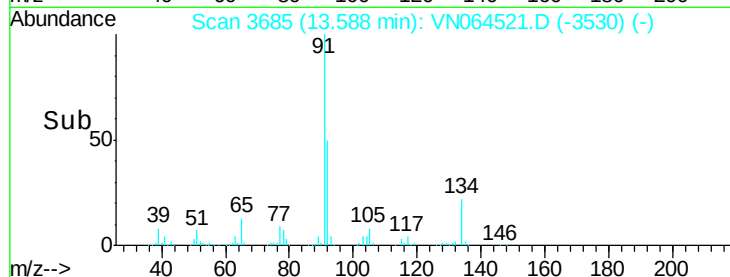


Abundance Ion 91.00 (90.70 to 91.70): VN064504.D (-3673) (-)

Ion 92.00 (91.70 to 92.70): VN064504.D (-3673) (-)

Ion 134.00 (133.70 to 134.70): VN064504.D (-3673) (-)

Time--> 13.50 13.55 13.60 13.65

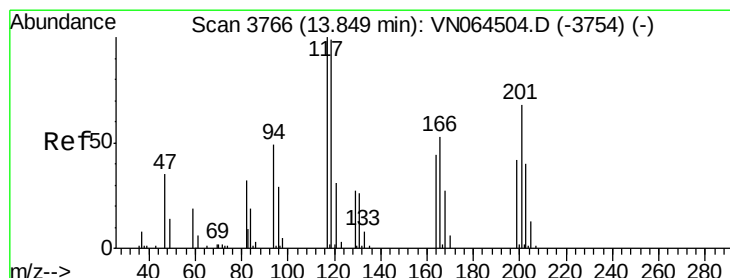


Abundance Ion 91.00 (90.70 to 91.70): VN064521.D (-3530) (-)

Ion 92.00 (91.70 to 92.70): VN064521.D (-3530) (-)

Ion 134.00 (133.70 to 134.70): VN064521.D (-3530) (-)

Time--> 13.50 13.55 13.60 13.65



#86

Hexachloroethane

Concen: 18.980 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN064521.D

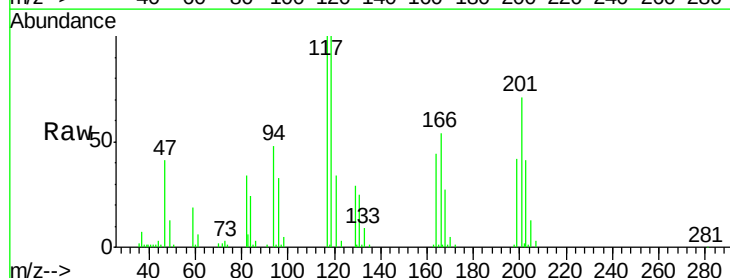
Acq: 10 Nov 2020 13:23

Tgt Ion: 117 Resp: 52157

Ion Ratio Lower Upper

117 100

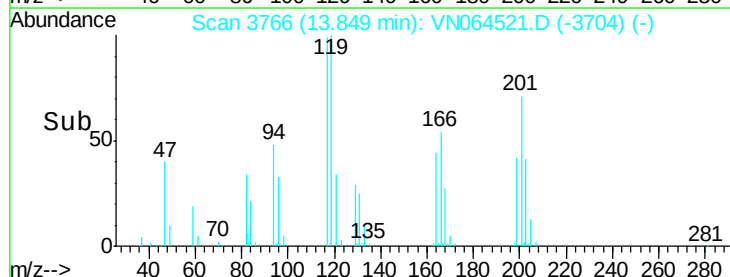
201 68.3 33.1 99.3



Abundance Ion 117.00 (116.70 to 117.70): VN064504.D (-3754) (-)

Ion 201.00 (200.70 to 201.70): VN064504.D (-3754) (-)

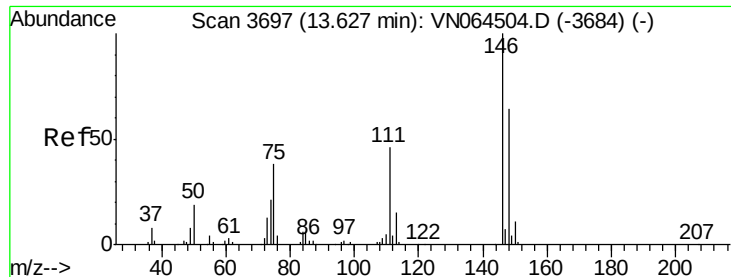
Time--> 13.80 13.85 13.90



Abundance Ion 117.00 (116.70 to 117.70): VN064521.D (-3704) (-)

Ion 201.00 (200.70 to 201.70): VN064521.D (-3704) (-)

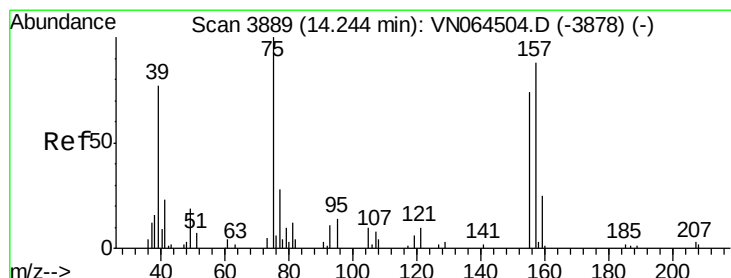
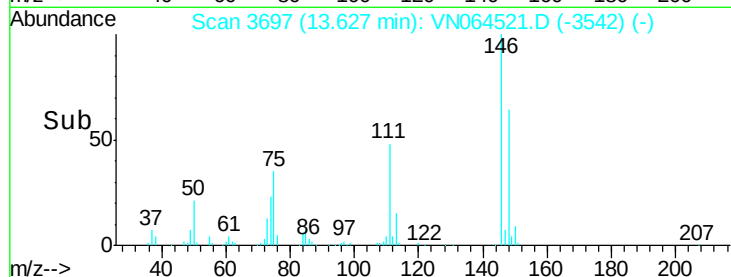
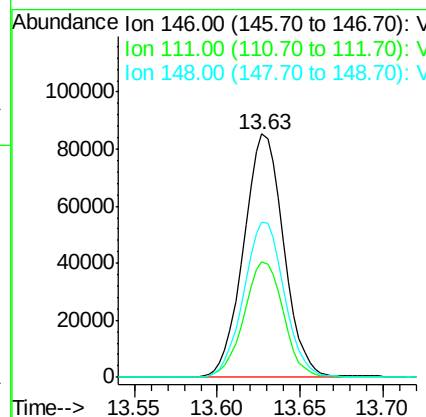
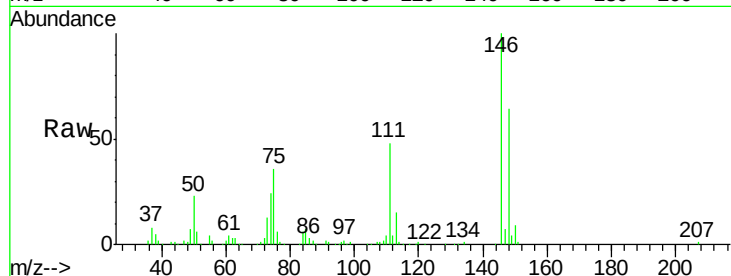
Time--> 13.80 13.85 13.90



#87
 1,2-Dichlorobenzene
 Concen: 19.345 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

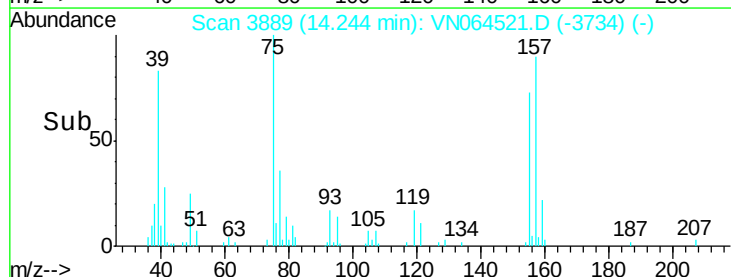
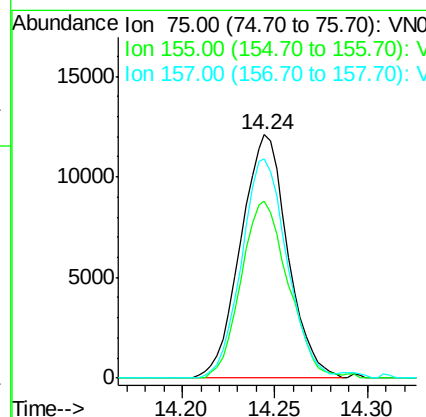
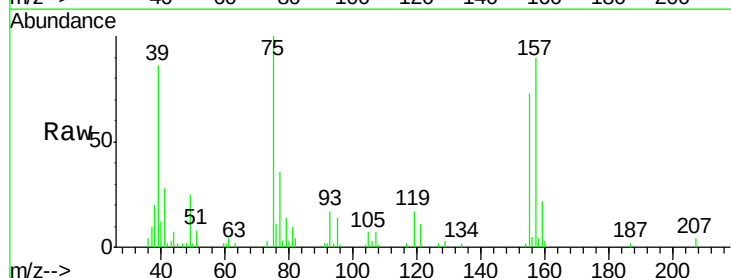
Instrument :
 MSVOA_N
 ClientSampled :
 VN1110WBS01

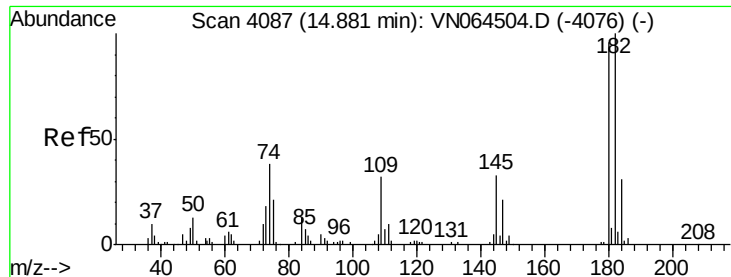
Tot Ion:146 Resp: 144130
 Ion Ratio Lower Upper
 146 100
 111 46.8 23.1 69.2
 148 64.3 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.503 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064521.D
 Acq: 10 Nov 2020 13:23

Tgt Ion: 75 Resp: 21286
 Ion Ratio Lower Upper
 75 100
 155 72.8 56.5 84.7
 157 87.4 69.7 104.5

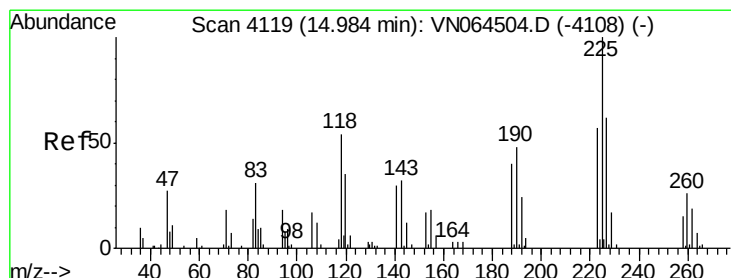
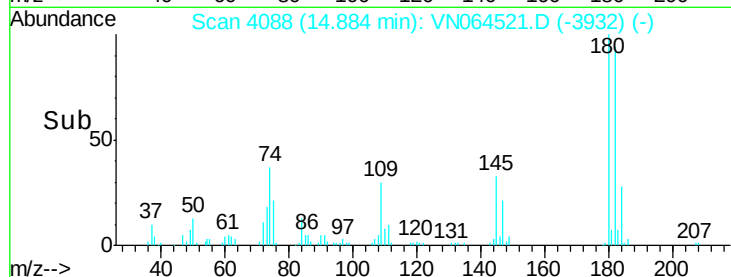
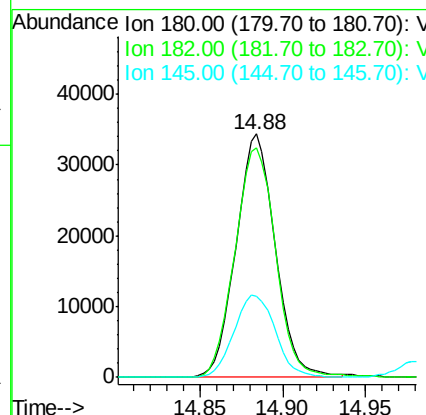
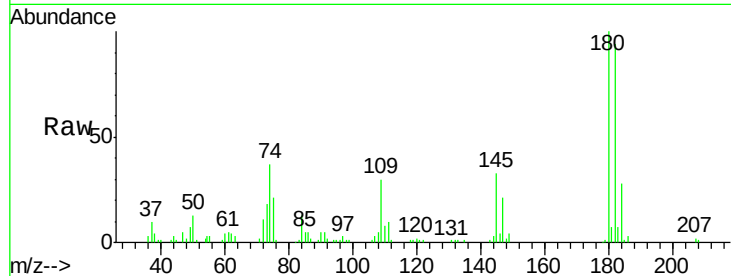




#89
1,2,4-Trichlorobenzene
Concen: 16.746 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

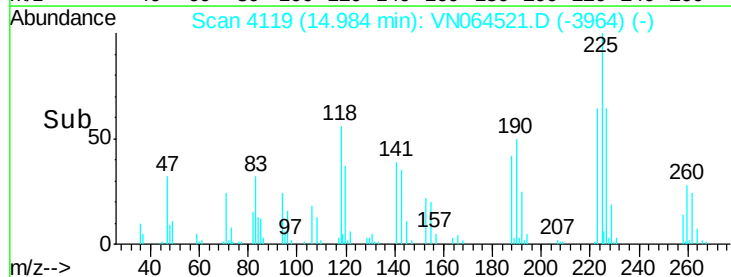
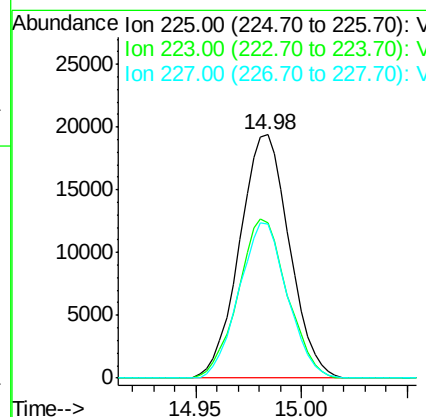
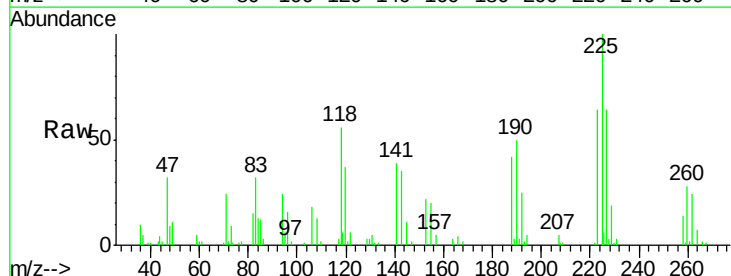
Instrument :
MSVOA_N
ClientSampleId :
VN1110WBS01

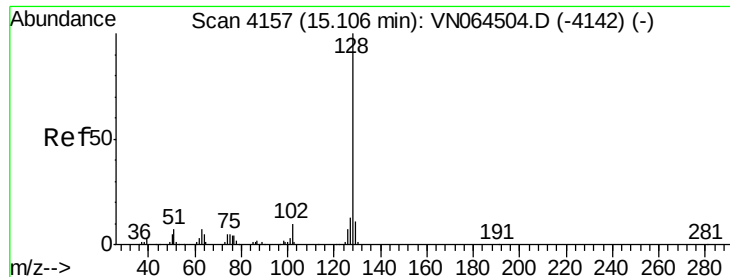
Tot Ion:180 Resp: 56647
Ion Ratio Lower Upper
180 100
182 97.9 79.4 119.0
145 35.6 27.6 41.4



#90
Hexachlorobutadiene
Concen: 18.917 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. -0.00 min
Lab File: VN064521.D
Acq: 10 Nov 2020 13:23

Tgt Ion:225 Resp: 31872
Ion Ratio Lower Upper
225 100
223 64.1 0.0 125.4
227 61.7 0.0 122.0





#91

Naphthalene

Concen: 15.580 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1110WBS01

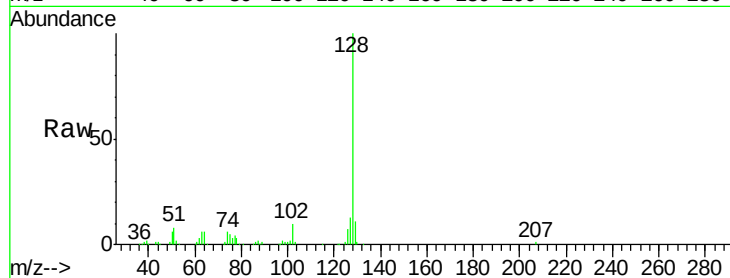
Tot Ion:128 Resp: 174351

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

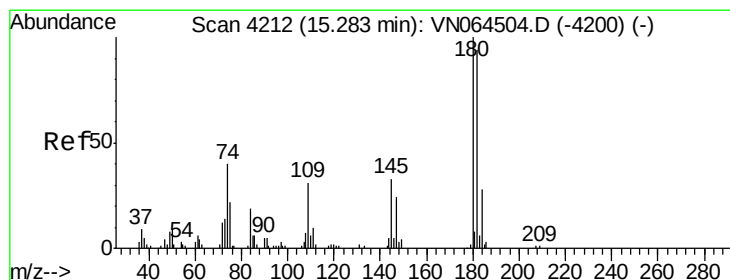
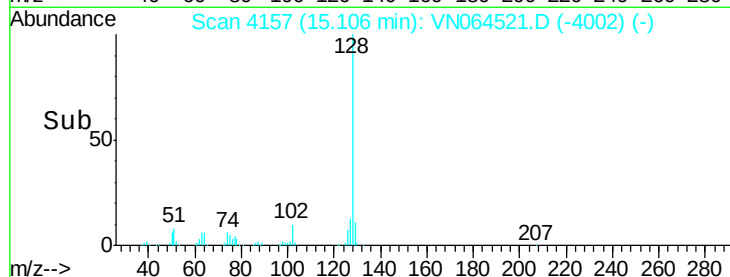
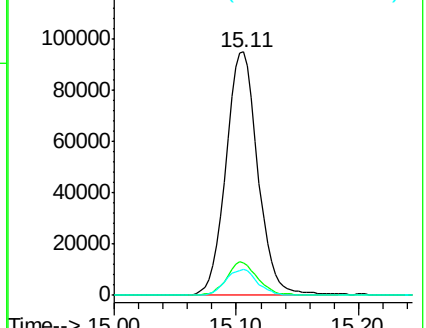
129 10.6 8.5 12.7



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: 17.701 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064521.D

Acq: 10 Nov 2020 13:23

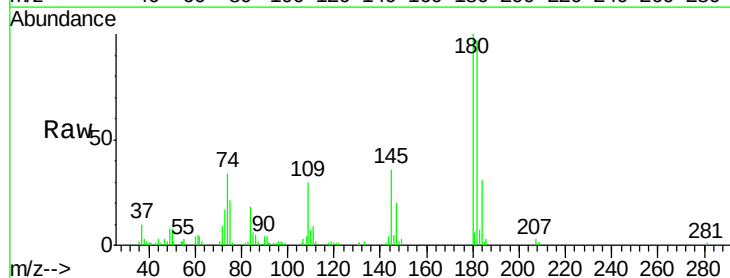
Tgt Ion:180 Resp: 60600

Ion Ratio Lower Upper

180 100

182 96.8 0.0 186.0

145 34.7 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

