

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064508.D
 Acq On : 9 Nov 2020 15:35
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 03:15:42 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	71083	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	387867	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	353453	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	195997	31.15	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.83%
60) 4-Bromofluorobenzene	12.38	95	180934	29.88	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.60%
63) Toluene-d8	10.06	98	507084	30.76	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	94372	19.823 ug/l	96
3) Chloromethane	2.04	50	108083	19.896 ug/l	100
4) Vinyl Chloride	2.17	62	116443	19.783 ug/l	100
5) Bromomethane	2.54	94	75328	19.555 ug/l	97
6) Chloroethane	2.68	64	70969	19.308 ug/l	98
7) Trichlorofluoromethane	2.99	101	172154	20.199 ug/l	93
8) Diethyl Ether	3.38	74	60945	20.022 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80125	19.974 ug/l #	47
10) 1,1-Dichloroethene	3.69	96	74815	19.496 ug/l	94
11) Methyl Iodide	3.91	142	88642	18.737 ug/l	95
12) Methyl Acetate	4.28	43	84795	18.124 ug/l	95
13) Acrolein	3.57	56	38781	81.967 ug/l	99
14) Acrylonitrile	4.93	53	194554	93.499 ug/l	99
15) Acetone	3.78	58	62506	91.022 ug/l	97
16) Carbon Disulfide	4.01	76	223430	19.186 ug/l	99
17) Allyl chloride	4.27	41	142482	19.762 ug/l	95
18) Methylene Chloride	4.50	84	89946	19.739 ug/l	93
19) trans-1,2-Dichloroethene	4.99	96	86305	19.844 ug/l	99
20) Diisopropyl ether	5.90	45	304357	19.388 ug/l	99
21) 1,1-Dichloroethane	5.80	63	171895	19.912 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	97335	19.747 ug/l	94
23) tert-Butyl Alcohol	4.74	59	67483	94.714 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	261819	19.290 ug/l #	70
25) Chloroform	7.33	83	182444	20.111 ug/l	100
26) Cyclohexane	7.61	56	129292	19.399 ug/l #	100
29) 1,1-Dichloropropene	7.75	75	129073	19.176 ug/l	99
30) 2-Butanone	6.79	43	294658	88.434 ug/l #	73
31) 2,2-Dichloropropane	6.77	77	158353	19.806 ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	160995	19.500 ug/l	99
33) Carbon Tetrachloride	7.73	117	142676	19.351 ug/l	96
34) Benzene	8.00	78	377492	19.369 ug/l	99
35) Methacrylonitrile	7.13	41	58666	18.821 ug/l	94
36) 1,2-Dichloroethane	8.08	62	157375	19.677 ug/l	100
37) Trichloroethene	8.80	130	94799	19.238 ug/l	95
38) Methylcyclohexane	9.05	83	116206	19.087 ug/l	99
39) 1,2-Dichloropropane	9.08	63	102025	19.483 ug/l	97
40) Dibromomethane	9.17	93	67735	19.173 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	145316	18.979	ug/l	99
42) Vinyl Acetate	5.84	43	1252812	93.921	ug/l	100
43) Ethyl Acetate	6.89	43	122522	18.898	ug/l #	93
44) Isopropyl Acetate	8.13	43	205579	18.369	ug/l	94
45) 1,4-Dioxane	9.17	88	27444	349.807	ug/l	96
46) Methyl methacrylate	9.16	41	105678	18.987	ug/l	99
47) n-amyl Acetate	12.04	43	170851	17.647	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	152060	18.740	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	161572	18.951	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	91431	18.877	ug/l	97
51) Ethyl methacrylate	10.40	69	125183	18.036	ug/l	97
52) 1,3-Dichloropropane	10.68	76	158115	19.002	ug/l	99
53) Dibromochloromethane	10.87	129	105124	18.952	ug/l	97
54) 1,2-Dibromoethane	10.98	107	93543	18.882	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	246967	67.994	ug/l	99
56) Bromoform	12.10	173	64859	17.818	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	611472	94.206	ug/l	99
59) 2-Hexanone	10.72	43	455770	93.228	ug/l	99
61) Tetrachloroethene	10.60	164	88179	19.959	ug/l	97
62) Toluene	10.12	91	408816	19.695	ug/l	100
64) Chlorobenzene	11.41	112	242545	19.658	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	94093	19.508	ug/l	99
66) Ethyl Benzene	11.48	91	437562	19.532	ug/l	99
67) m/p-Xylenes	11.59	106	324072	39.194	ug/l	97
68) o-Xylene	11.92	106	151619	19.377	ug/l	96
69) Styrene	11.94	104	262889	19.618	ug/l	99
70) Isopropylbenzene	12.22	105	403178	19.686	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	125412	19.121	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	173604	26.541	ug/l	60
73) Bromobenzene	12.50	156	95576	18.865	ug/l	98
74) n-propylbenzene	12.56	91	479964	19.924	ug/l	100
75) 2-Chlorotoluene	12.65	91	298568	19.712	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	340280	19.682	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	41340	17.334	ug/l	94
78) 4-Chlorotoluene	12.75	91	311144	19.550	ug/l	100
79) tert-butylbenzene	12.97	119	270200	19.914	ug/l	95
80) 1,2,4-Trimethylbenzene	13.01	105	342240	19.643	ug/l	100
81) sec-Butylbenzene	13.14	105	353371	19.648	ug/l	100
82) p-Isopropyltoluene	13.26	119	313369	19.503	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	172121	19.312	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	168922	19.056	ug/l	98
85) n-Butylbenzene	13.59	91	274218	19.685	ug/l	99
86) Hexachloroethane	13.85	117	60661	18.946	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	169318	19.505	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	26115	18.430	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	71101	18.040	ug/l	98
90) Hexachlorobutadiene	14.98	225	38192	19.455	ug/l	98
91) Naphthalene	15.10	128	218832	16.784	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	73195	18.350	ug/l	96

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ClientSampleId :

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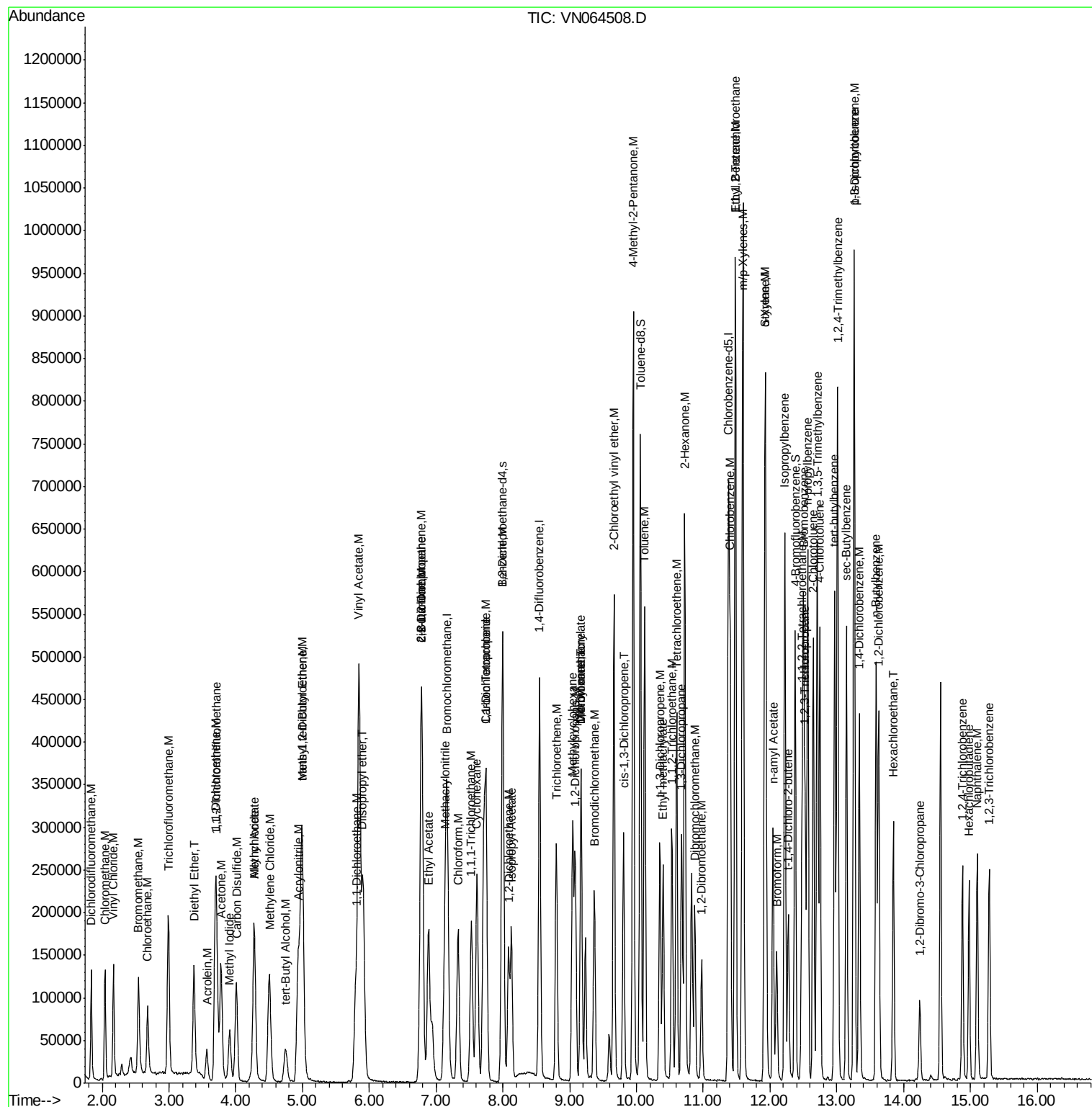
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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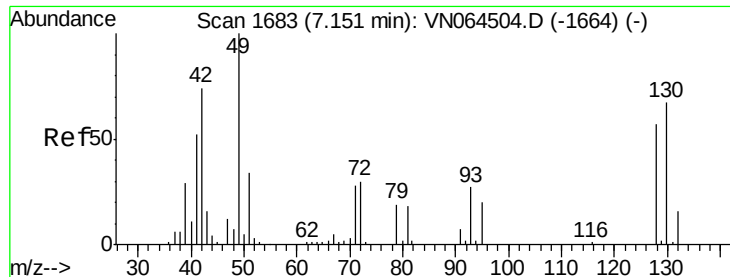
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampled :

Quant Time: Nov 10 03:15:42 2020
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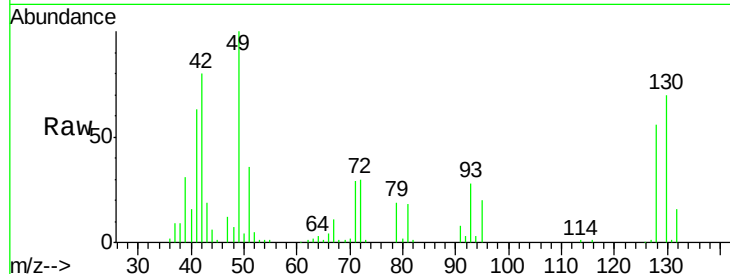




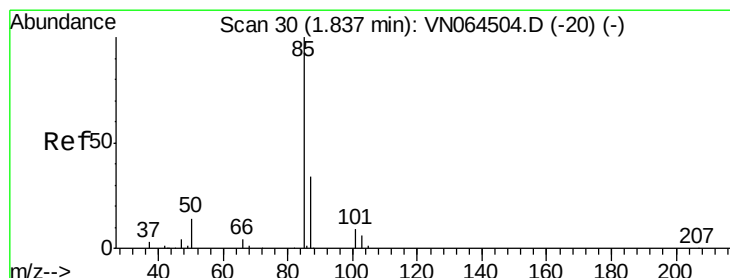
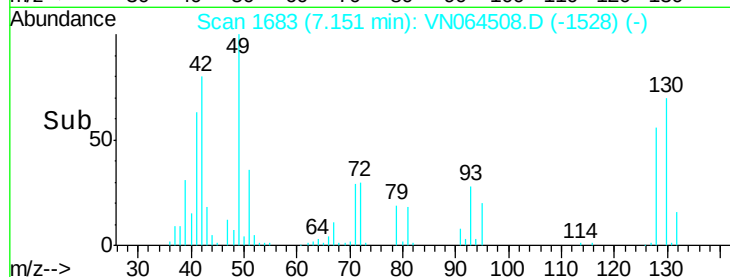
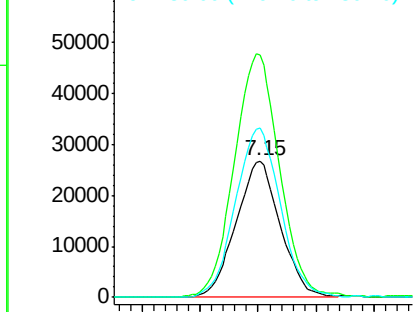
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 71083
Ion Ratio Lower Upper
128 100
49 182.3 0.0 475.5
130 126.2 0.0 315.3

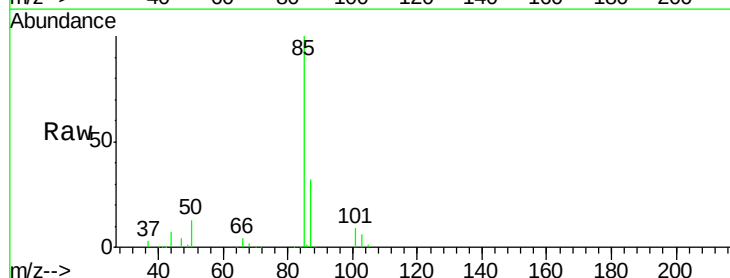


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

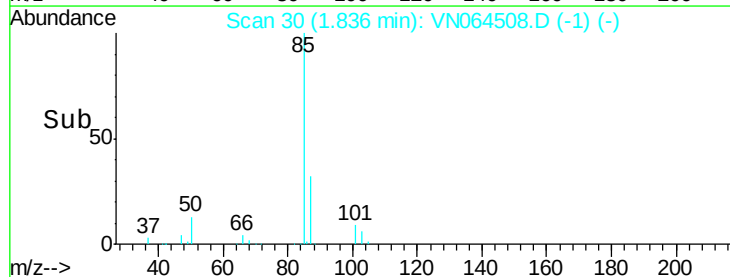
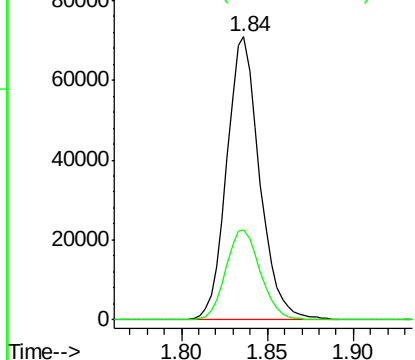


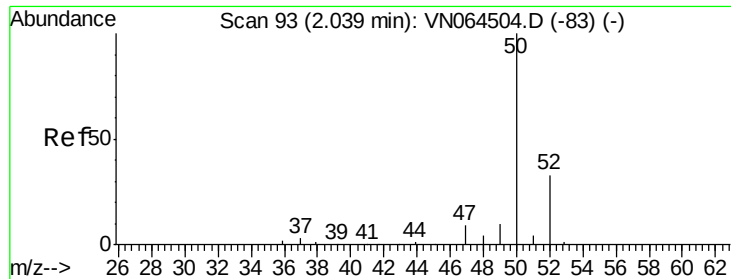
#2
Dichlorodifluoromethane
Concen: 19.823 ug/l
RT: 1.84 min Scan# 30
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 85 Resp: 94372
Ion Ratio Lower Upper
85 100
87 31.7 17.0 50.9



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

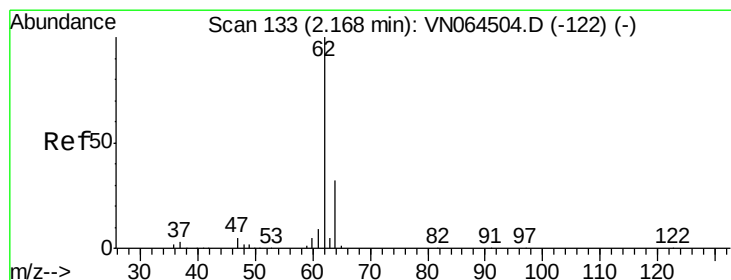
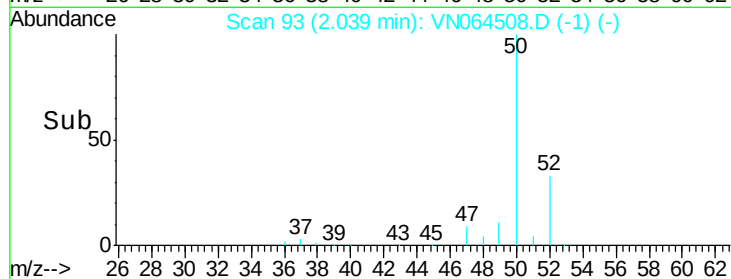
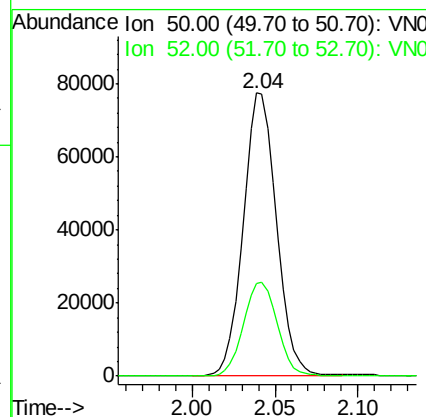
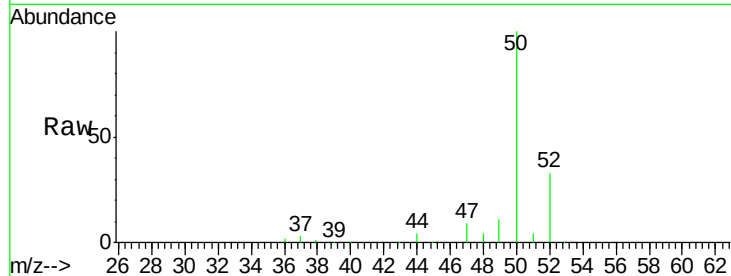




#3
Chloromethane
Concen: 19.896 ug/l
RT: 2.04 min Scan# 93
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

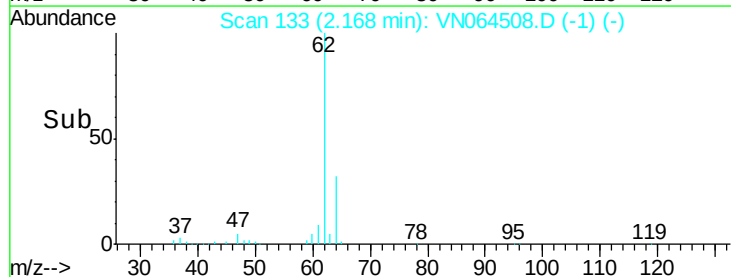
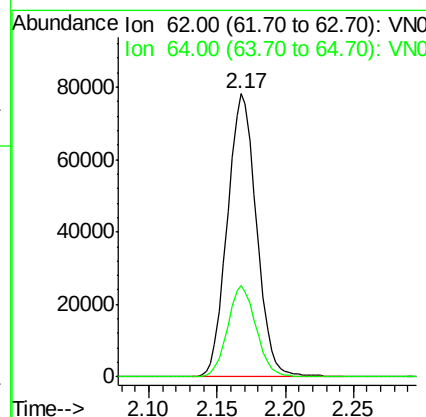
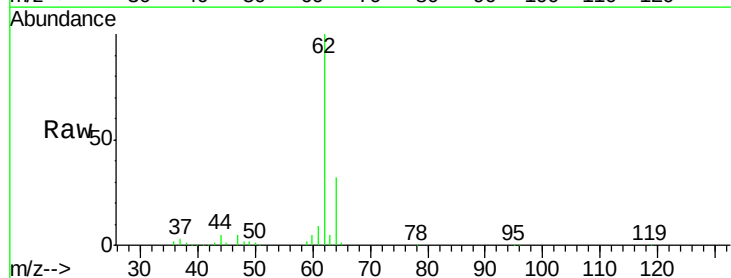
Instrument :
MSVOA_N
ClientSampled :

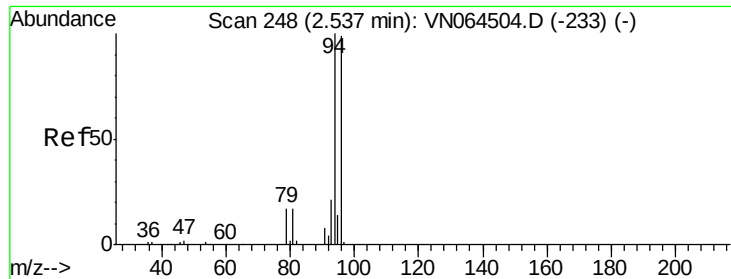
Tot Ion: 50 Resp: 108083
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 19.783 ug/l
RT: 2.17 min Scan# 133
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 62 Resp: 116443
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5

Bromomethane

Concen: 19.555 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

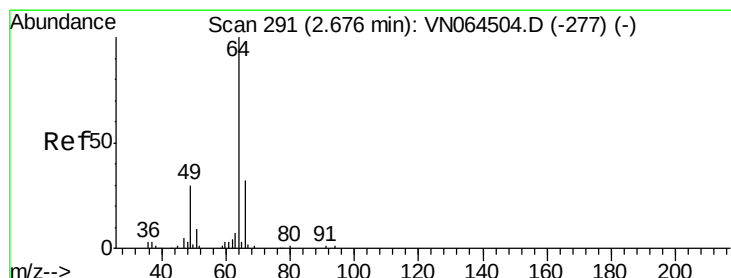
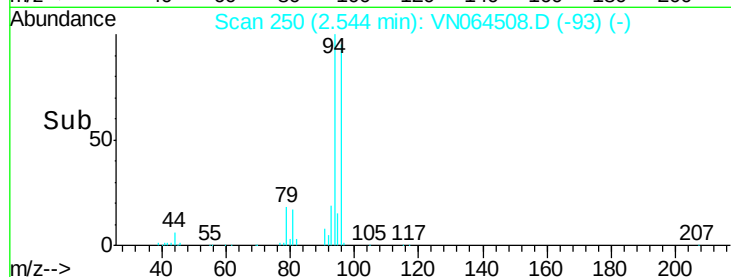
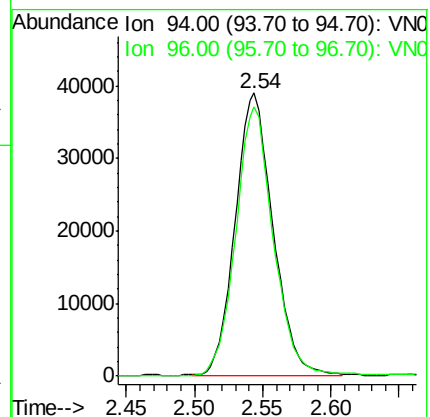
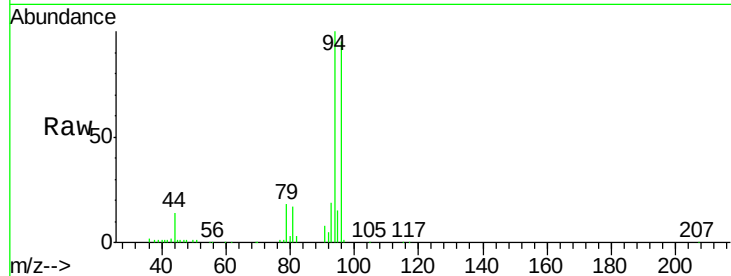
ClientSampleId :

Tot Ion: 94 Resp: 75328

Ion Ratio Lower Upper

94 100

96 95.7 79.3 118.9



#6

Chloroethane

Concen: 19.308 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064508.D

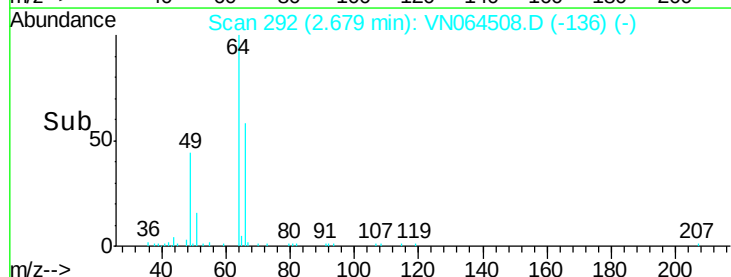
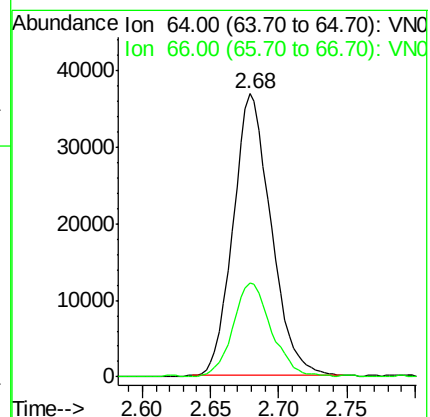
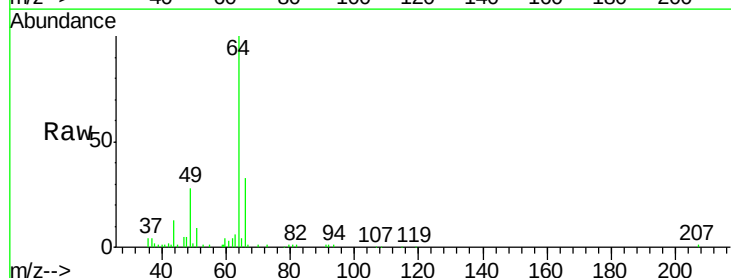
Acq: 9 Nov 2020 15:35

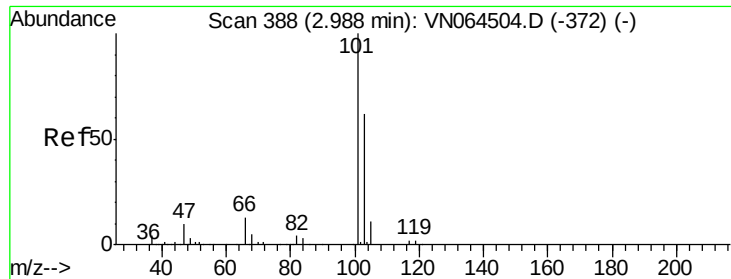
Tgt Ion: 64 Resp: 70969

Ion Ratio Lower Upper

64 100

66 33.4 26.0 39.0



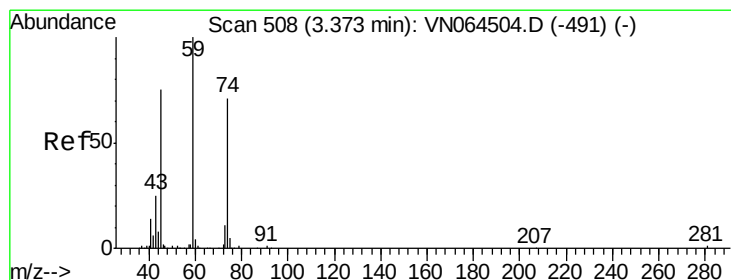
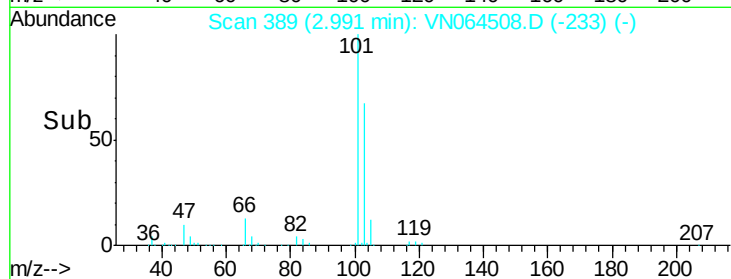
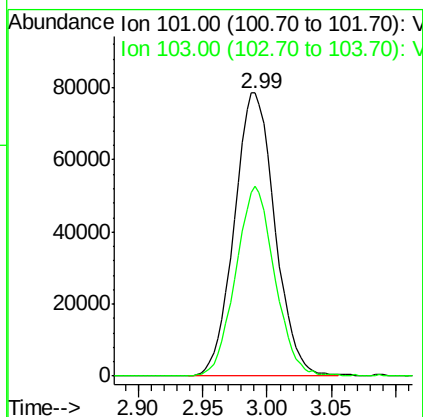
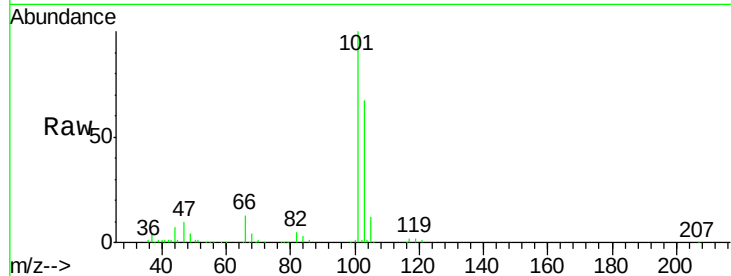


#7

Trichlorofluoromethane
 Concen: 20.199 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
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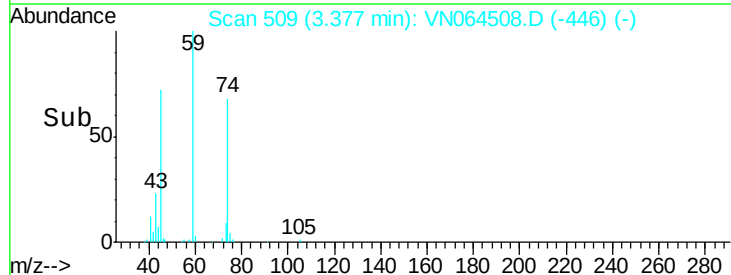
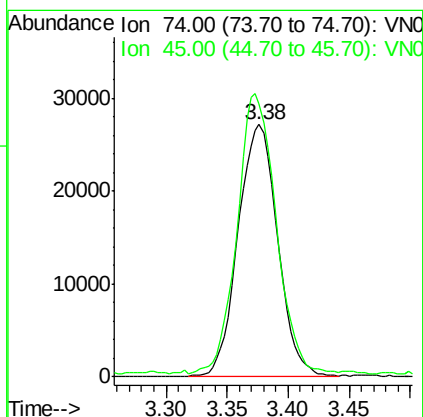
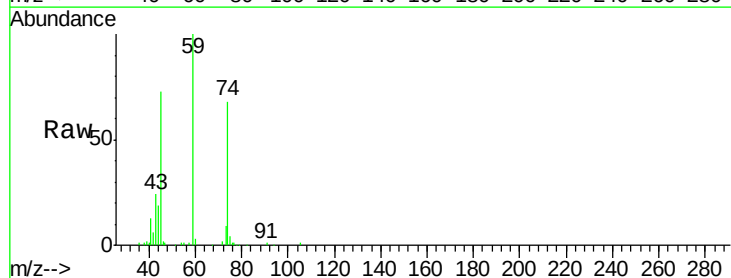
Tot Ion:101 Resp: 172154
 Ion Ratio Lower Upper
 101 100
 103 67.1 49.3 73.9

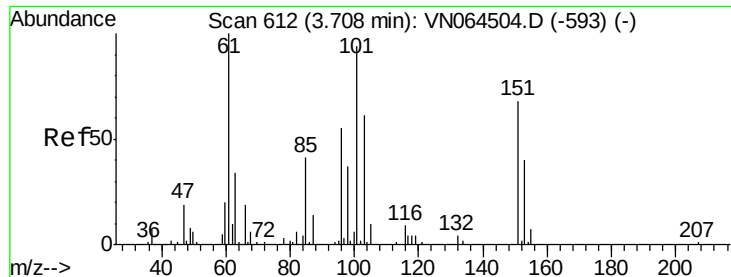


#8

Diethyl Ether
 Concen: 20.022 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 74 Resp: 60945
 Ion Ratio Lower Upper
 74 100
 45 110.9 22.1 198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.974 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampled :

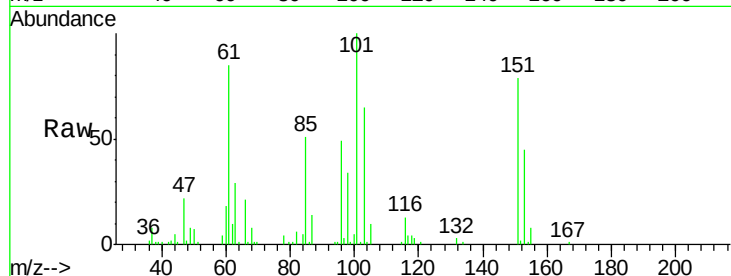
Tot Ion:101 Resp: 80125

Ion Ratio Lower Upper

101 100

85 49.9 0.0 49.0#

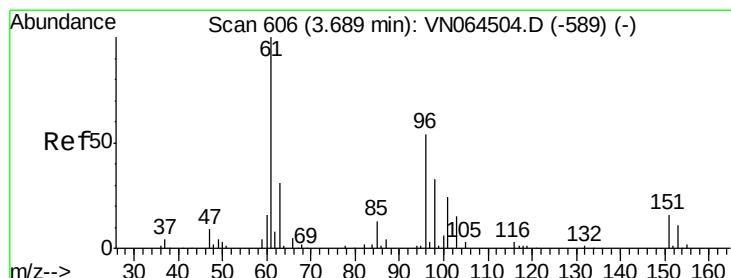
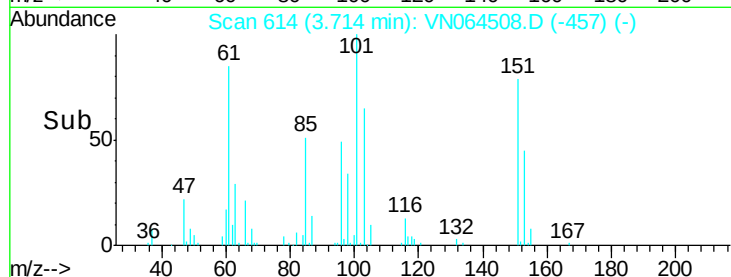
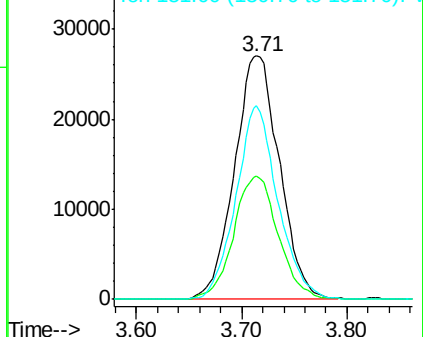
151 74.1 0.0 80.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.496 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

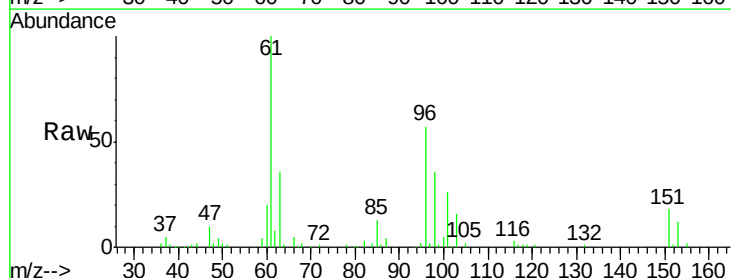
Tgt Ion: 96 Resp: 74815

Ion Ratio Lower Upper

96 100

61 174.5 149.2 223.8

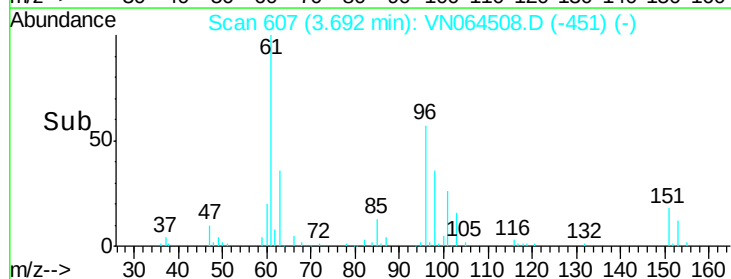
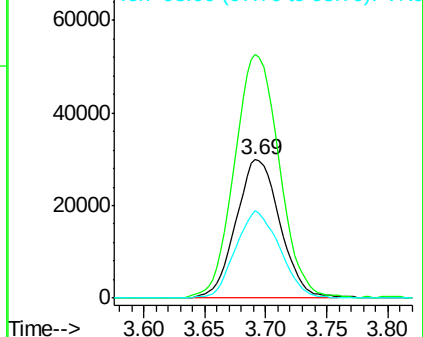
98 62.8 49.6 74.4

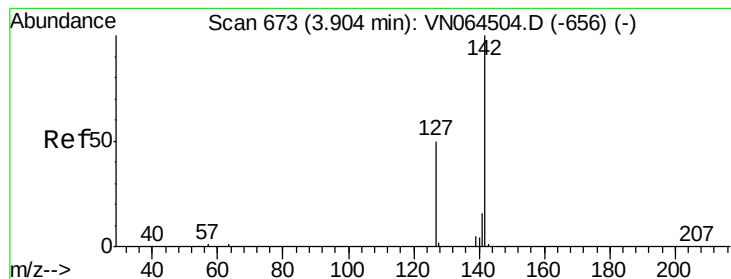


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#11

Methvl Iodide

Concen: 18.737 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampled :

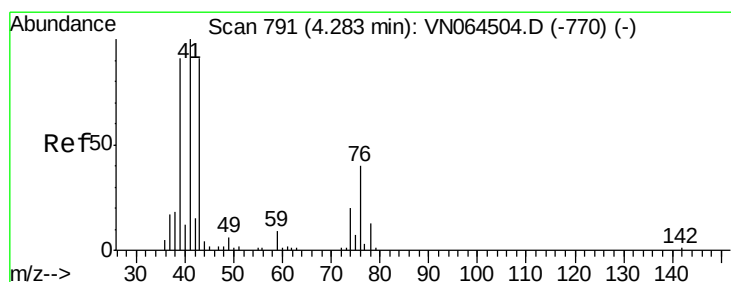
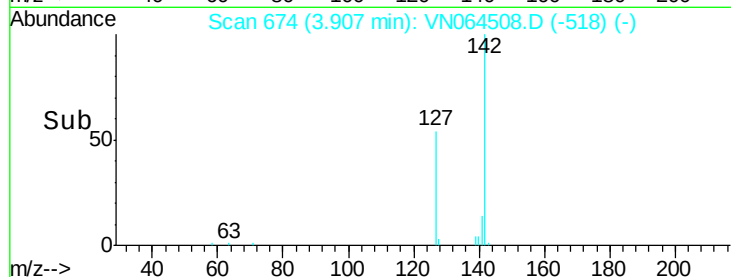
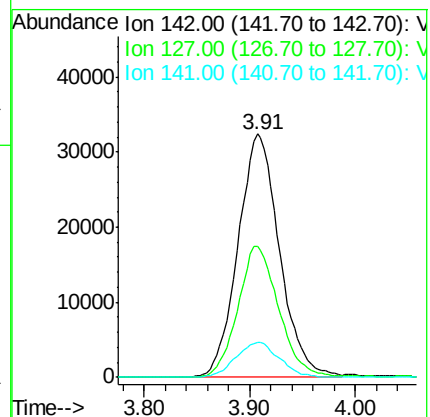
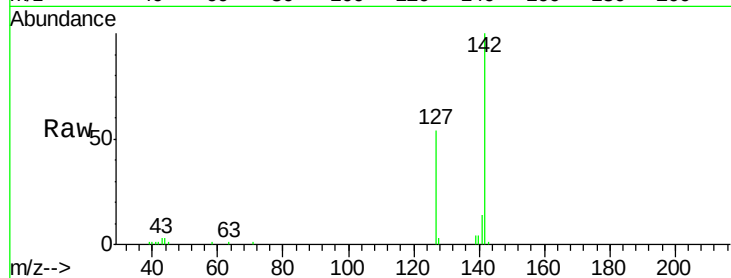
Tot Ion:142 Resp: 88642

Ion Ratio Lower Upper

142 100

127 53.8 24.7 74.1

141 14.4 7.8 23.3



#12

Methyl Acetate

Concen: 18.124 ug/l

RT: 4.28 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN064508.D

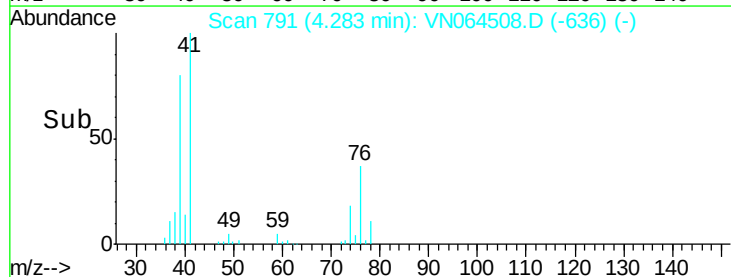
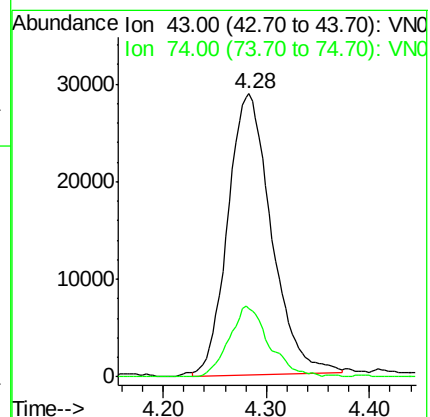
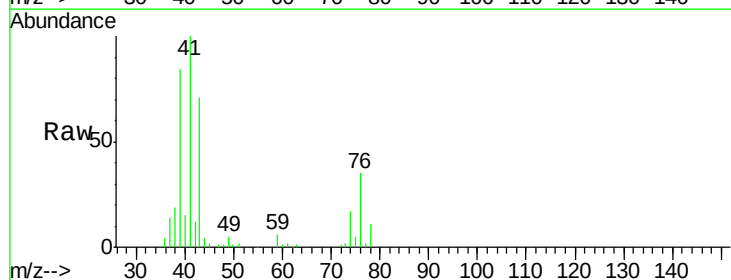
Acq: 9 Nov 2020 15:35

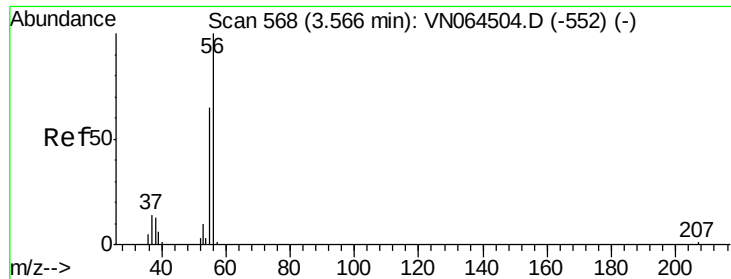
Tgt Ion: 43 Resp: 84795

Ion Ratio Lower Upper

43 100

74 24.6 17.7 26.5





#13

Acrolein

Concen: 81.967 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

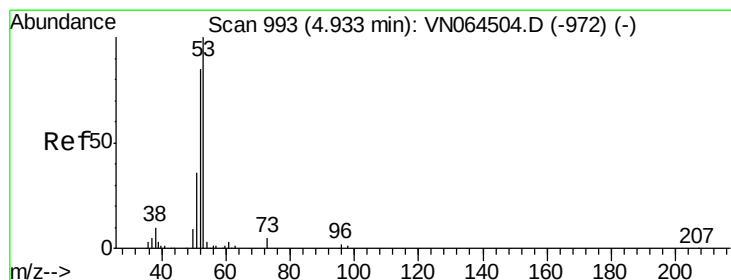
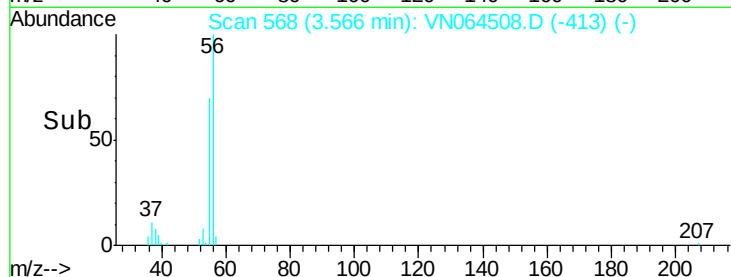
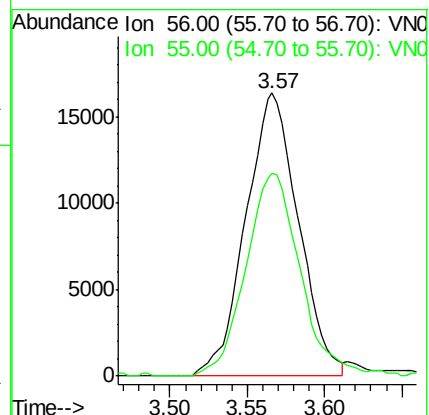
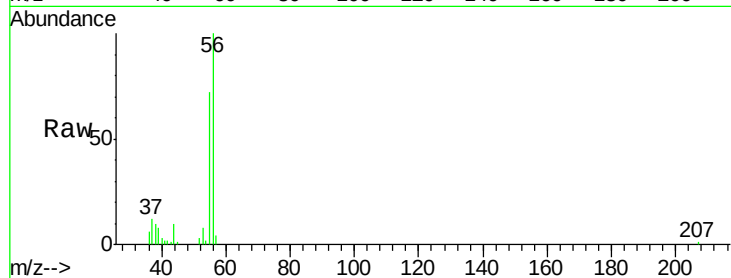
ClientSampleId :

Tot Ion: 56 Resp: 38781

Ion Ratio Lower Upper

56 100

55 73.5 58.2 87.2



#14

Acrylonitrile

Concen: 93.499 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

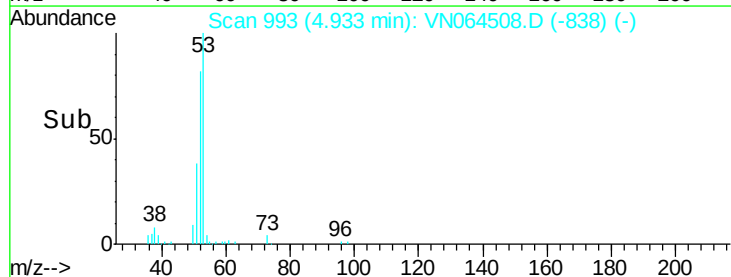
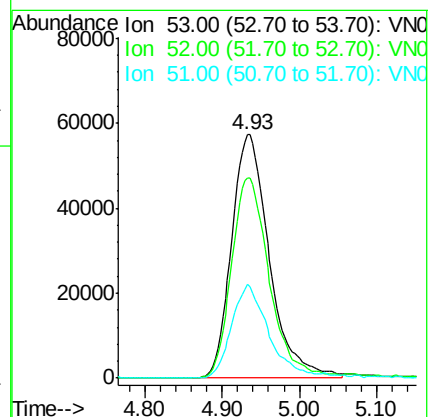
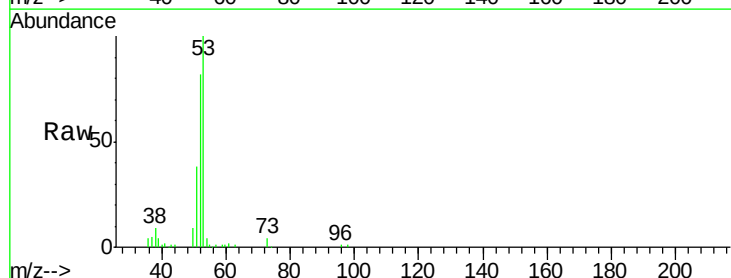
Tgt Ion: 53 Resp: 194554

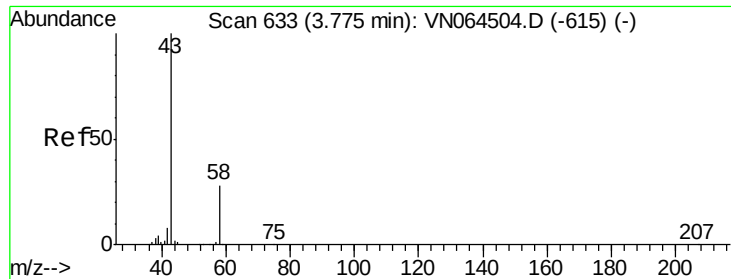
Ion Ratio Lower Upper

53 100

52 81.1 41.3 124.1

51 37.5 18.9 56.5





#15

Acetone

Concen: 91.022 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

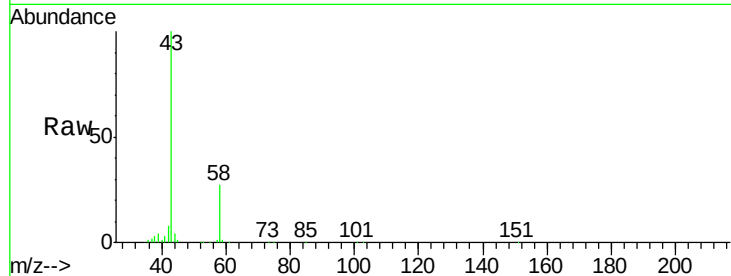
ClientSampled :

Tot Ion: 58 Resp: 62506

Ion Ratio Lower Upper

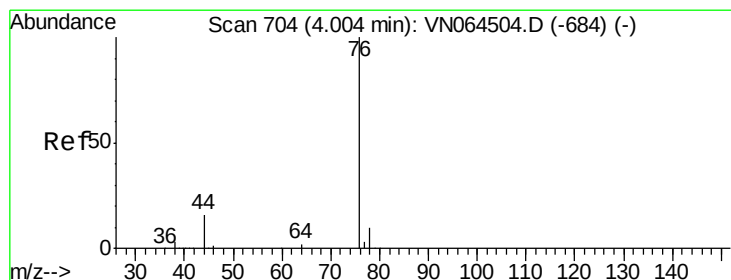
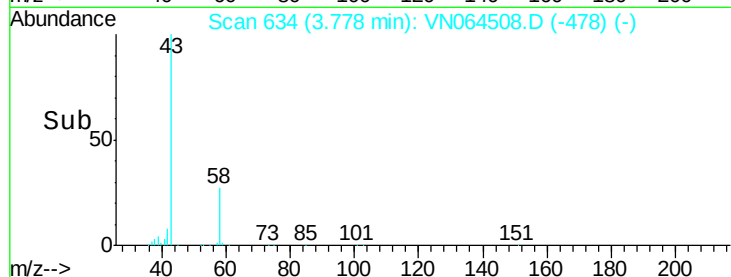
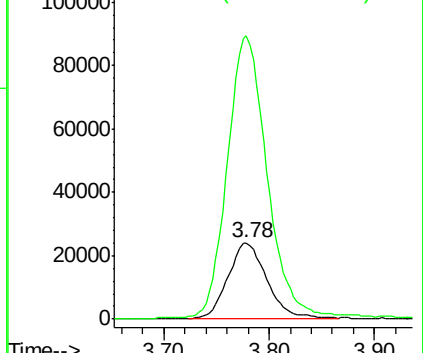
58 100

43 368.7 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN064508.D (-549) (-)

Ion 43.00 (42.70 to 43.70): VN064508.D (-549) (-)



#16

Carbon Disulfide

Concen: 19.186 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064508.D

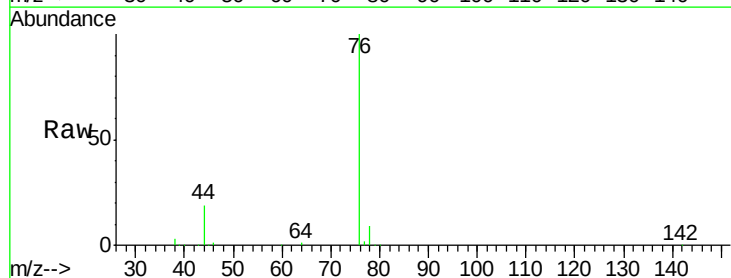
Acq: 9 Nov 2020 15:35

Tgt Ion: 76 Resp: 223430

Ion Ratio Lower Upper

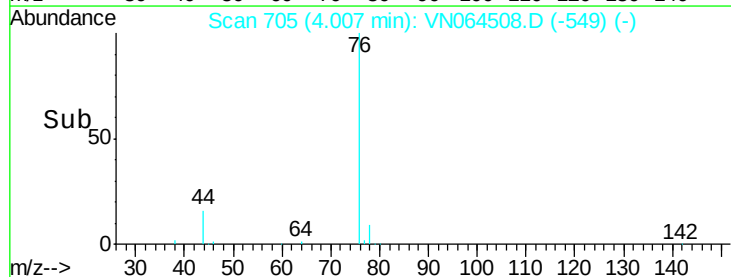
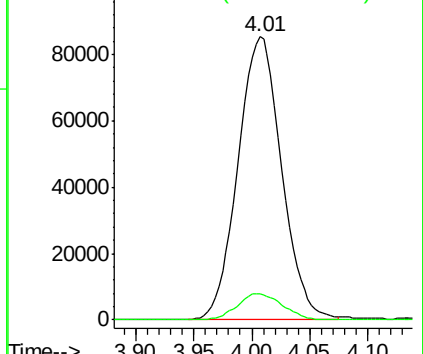
76 100

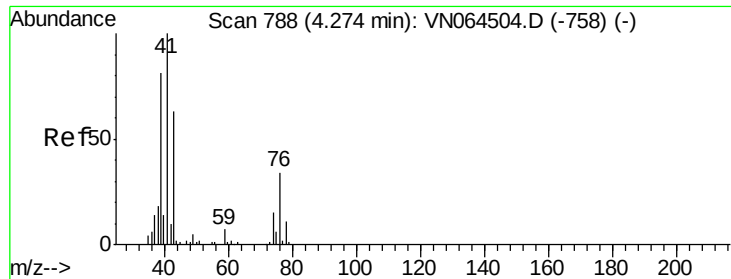
78 9.3 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN064508.D (-549) (-)

Ion 78.00 (77.70 to 78.70): VN064508.D (-549) (-)

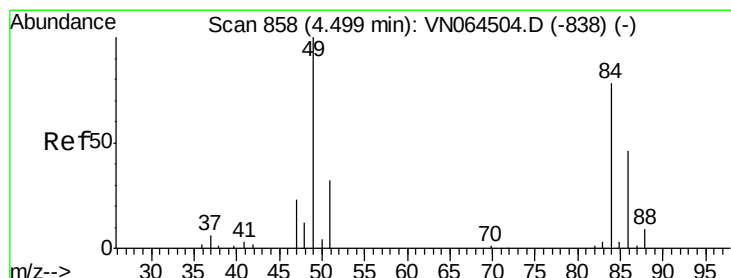
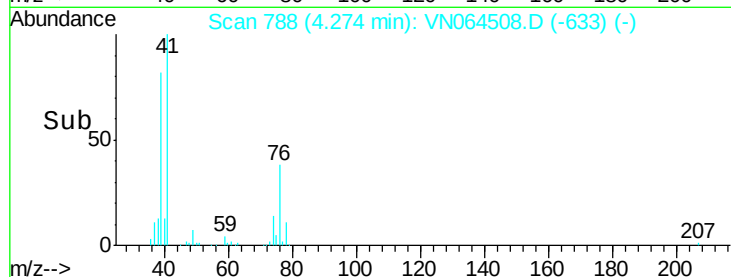
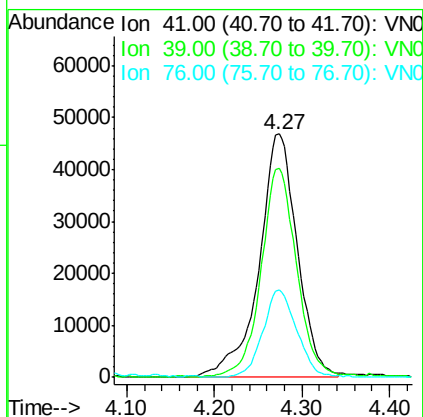
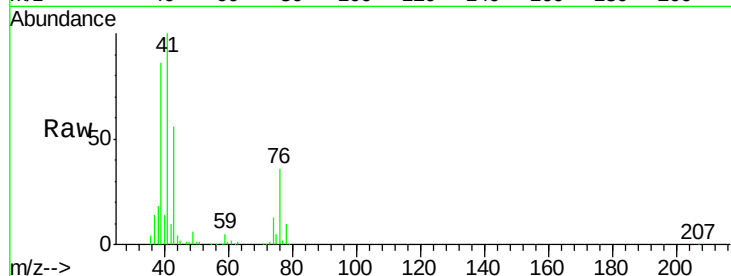




#17
Allvl chloride
Concen: 19.762 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

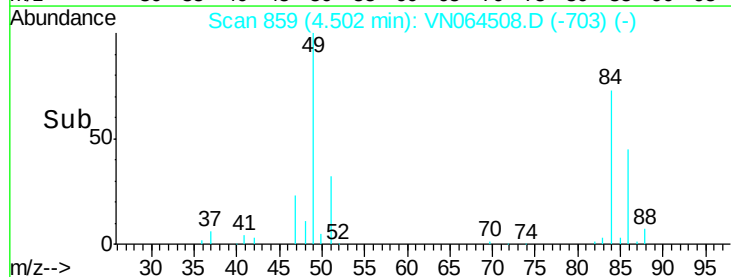
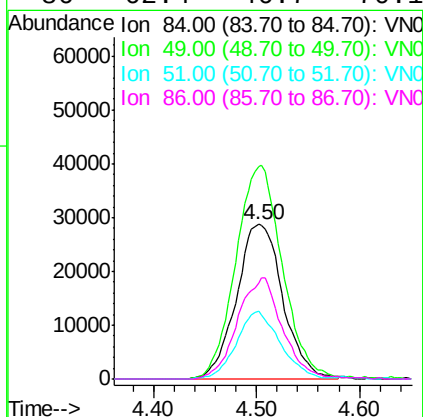
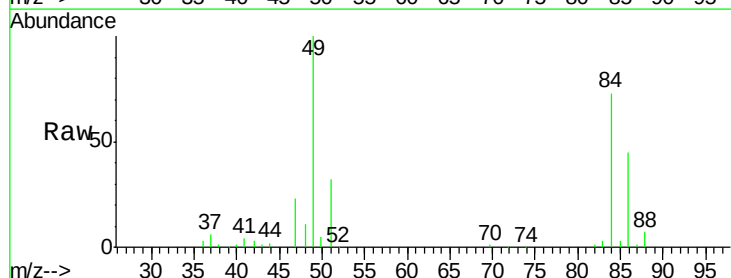
Instrument :
MSVOA_N
ClientSampleId :

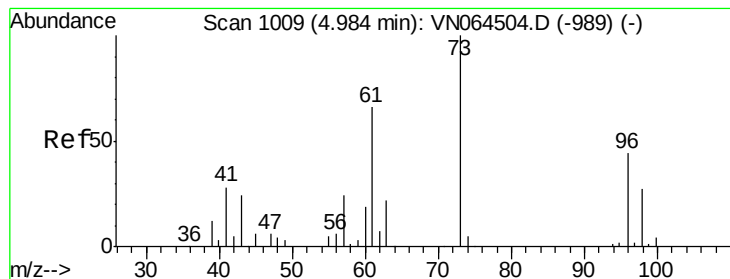
Tot Ion: 41 Resp: 142482
Ion Ratio Lower Upper
41 100
39 86.1 40.3 120.8
76 35.5 16.8 50.3



#18
Methylene Chloride
Concen: 19.739 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 84 Resp: 89946
Ion Ratio Lower Upper
84 100
49 137.4 102.1 153.1
51 43.6 32.6 48.8
86 62.4 46.7 70.1





#19

trans-1,2-Dichloroethene

Concen: 19.844 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.01 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :

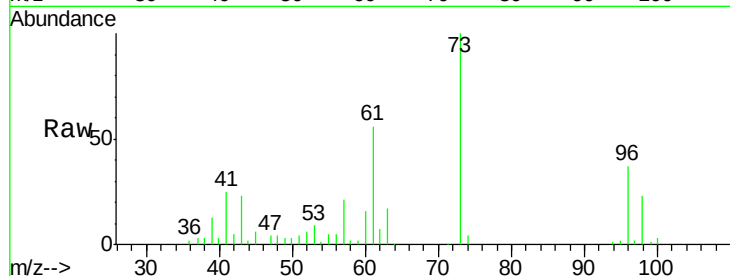
Tot Ion: 96 Resp: 86305

Ion Ratio Lower Upper

96 100

61 148.8 120.1 180.1

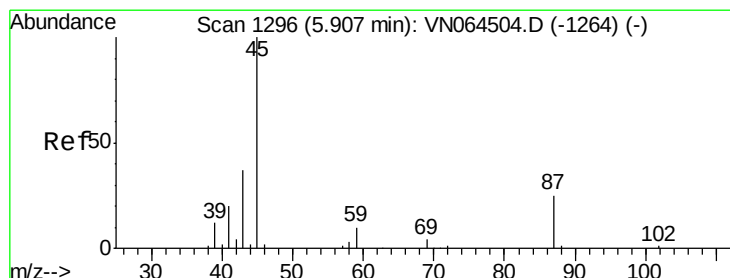
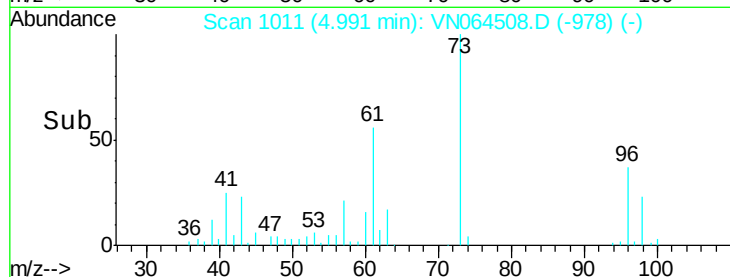
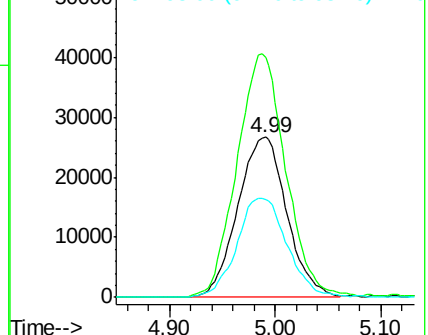
98 60.9 49.1 73.7



Abundance Ion 96.00 (95.70 to 96.70): VN064508.D (-1011) (-)

Ion 61.00 (60.70 to 61.70): VN064508.D (-1011) (-)

Ion 98.00 (97.70 to 98.70): VN064508.D (-1011) (-)



#20

Diisopropyl ether

Concen: 19.388 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Tgt Ion: 45 Resp: 304357

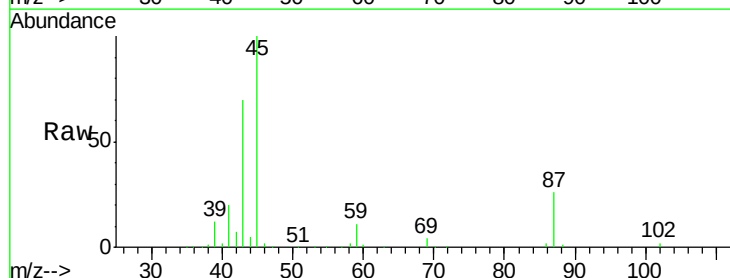
Ion Ratio Lower Upper

45 100

43 67.1 53.1 79.7

87 25.3 21.0 31.6

59 10.3 8.2 12.4

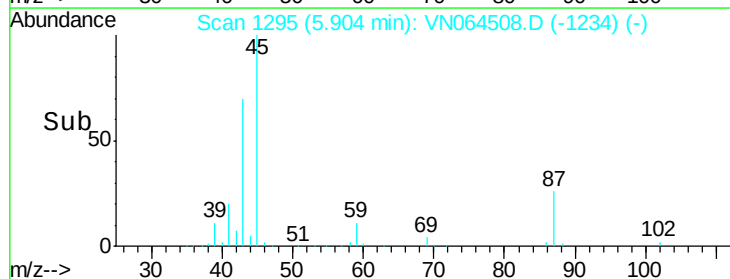
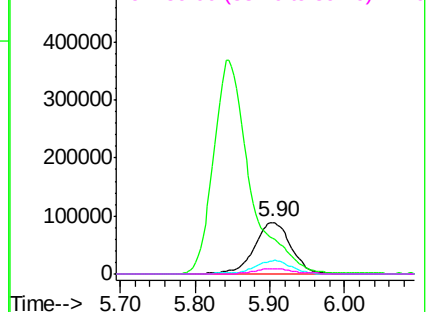


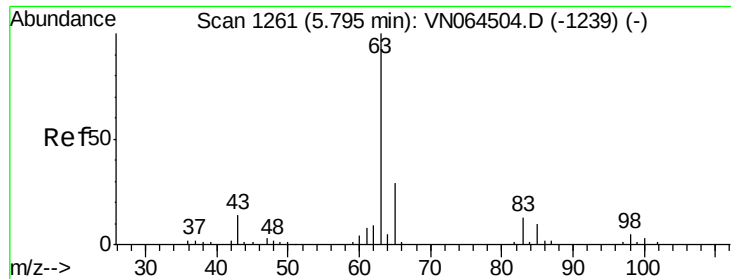
Abundance Ion 45.00 (44.70 to 45.70): VN064508.D (-1295) (-)

Ion 43.00 (42.70 to 43.70): VN064508.D (-1295) (-)

Ion 87.00 (86.70 to 87.70): VN064508.D (-1295) (-)

Ion 59.00 (58.70 to 59.70): VN064508.D (-1295) (-)

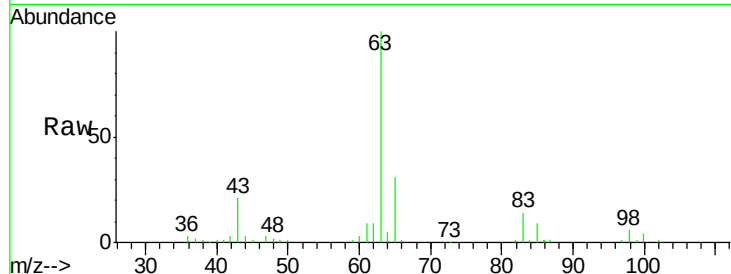




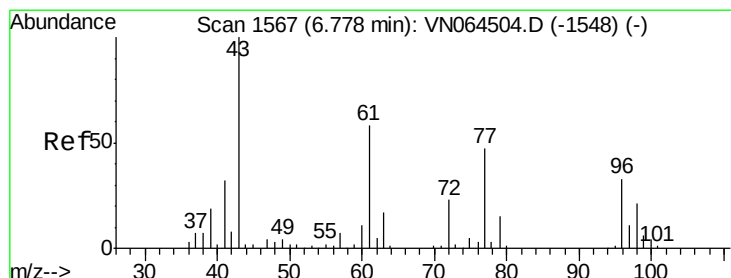
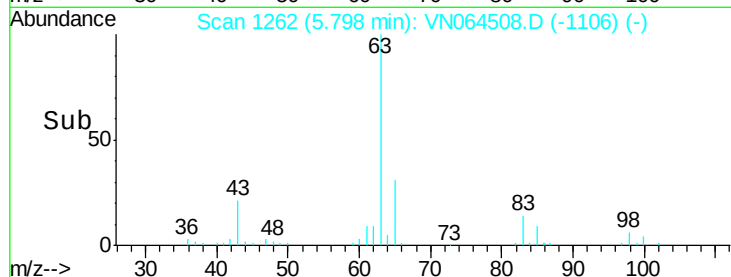
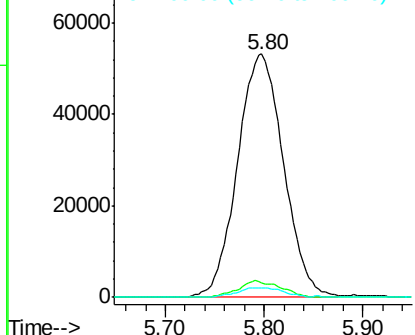
#21
 1,1-Dichloroethane
 Concen: 19.912 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 171895
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.6 8.0
 100 3.6 1.7 5.1

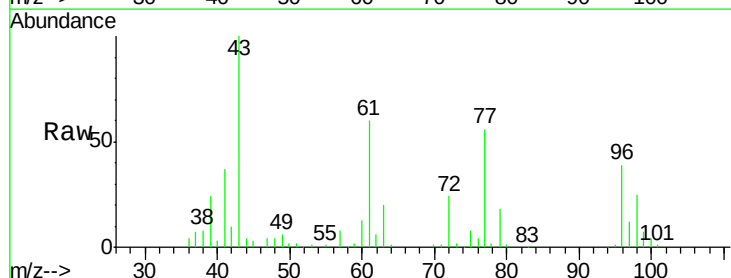


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

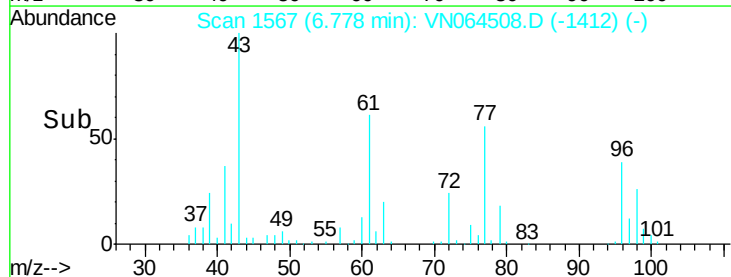
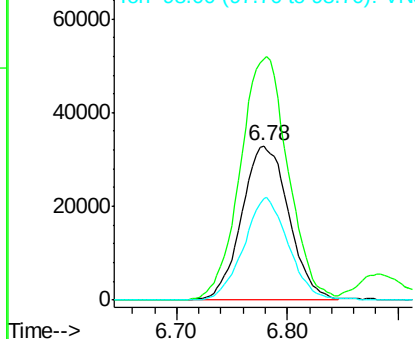


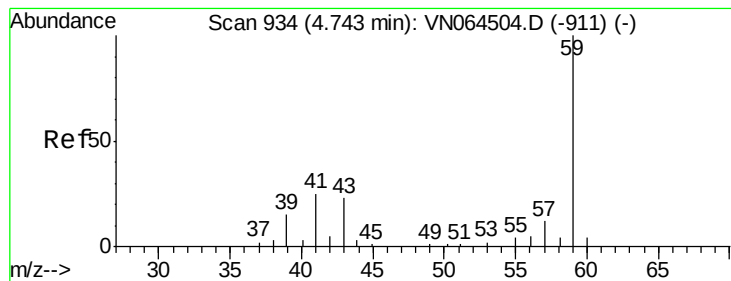
#22
 cis-1,2-Dichloroethene
 Concen: 19.747 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 96 Resp: 97335
 Ion Ratio Lower Upper
 96 100
 61 160.2 136.1 204.1
 98 62.6 51.8 77.8



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





#23

tert-Butyl Alcohol

Concen: 94.714 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

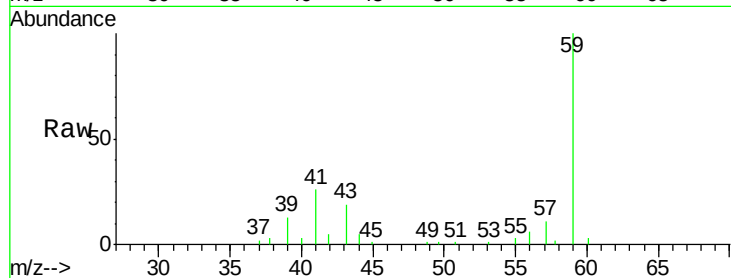
ClientSampled :

Tot Ion: 59 Resp: 67483

Ion Ratio Lower Upper

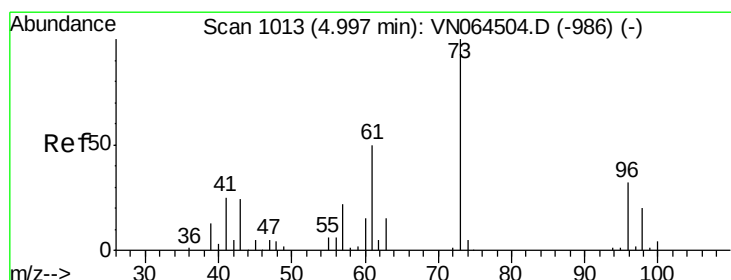
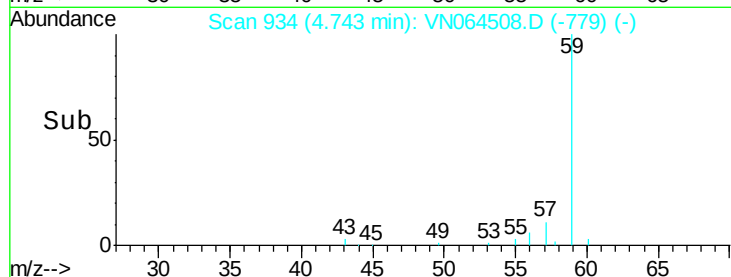
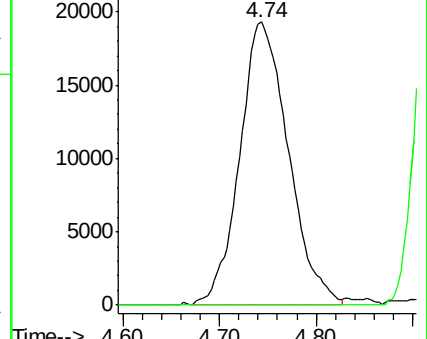
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 19.290 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN064508.D

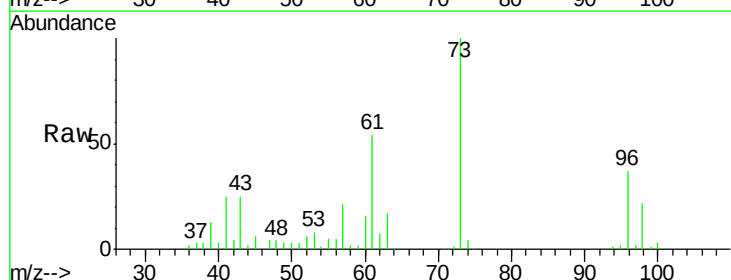
Acq: 9 Nov 2020 15:35

Tgt Ion: 73 Resp: 261819

Ion Ratio Lower Upper

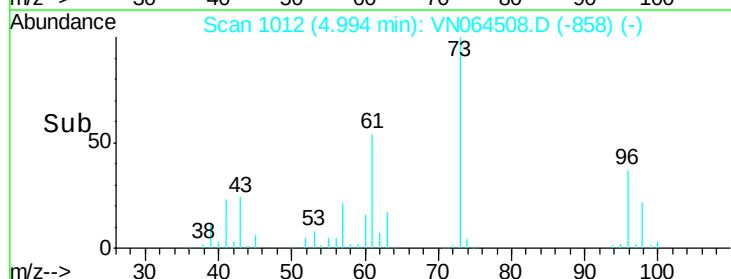
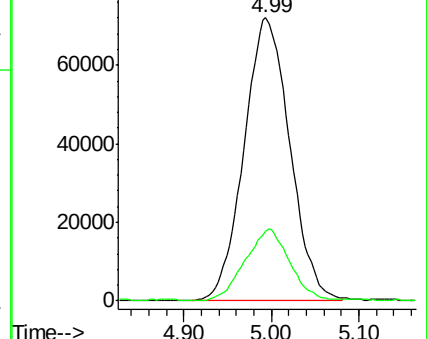
73 100

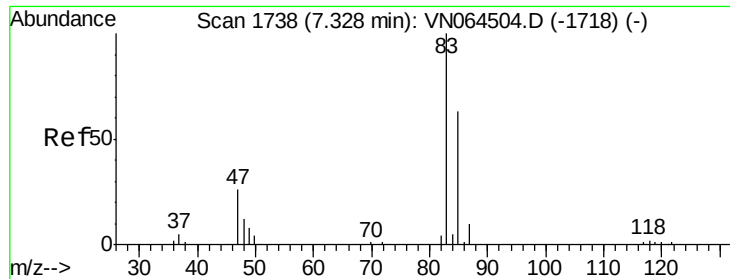
43 24.4 10.2 15.2#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

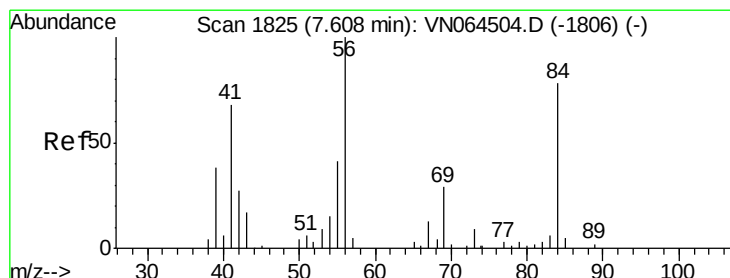
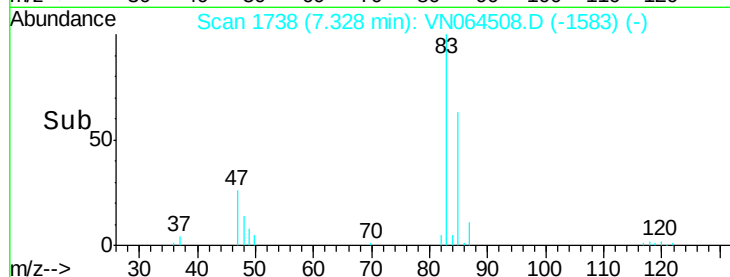
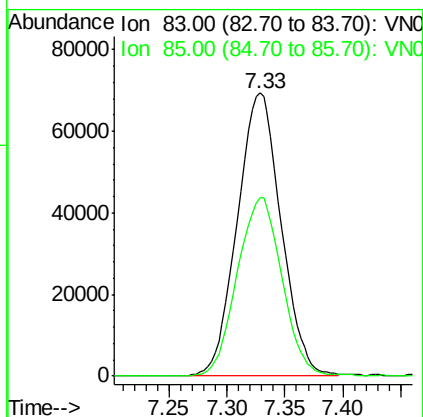
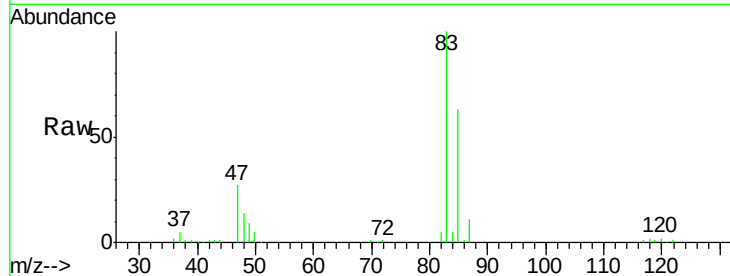




#25
Chloroform
Concen: 20.111 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

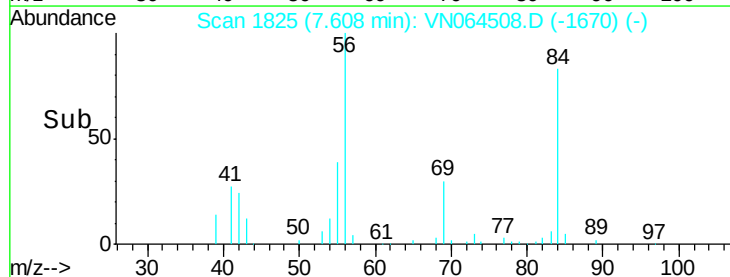
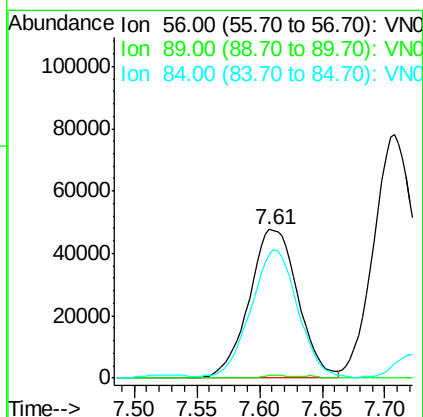
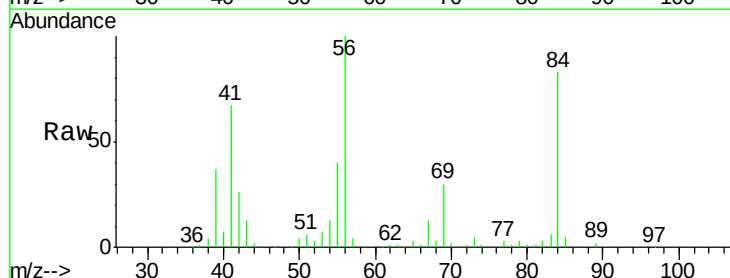
Instrument :
MSVOA_N
ClientSampleId :

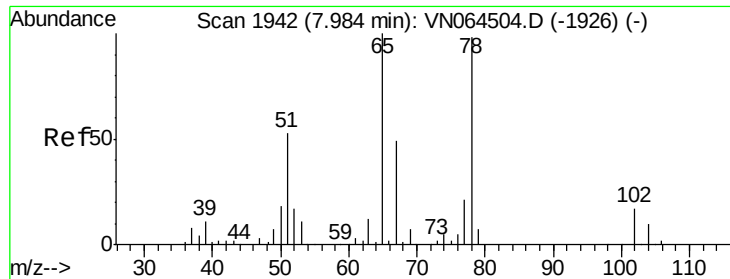
Tot Ion: 83 Resp: 182444
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8



#26
Cyclohexane
Concen: 19.399 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 56 Resp: 129292
Ion Ratio Lower Upper
56 100
89 1.3 0.6 0.8#
84 82.2 66.1 99.1

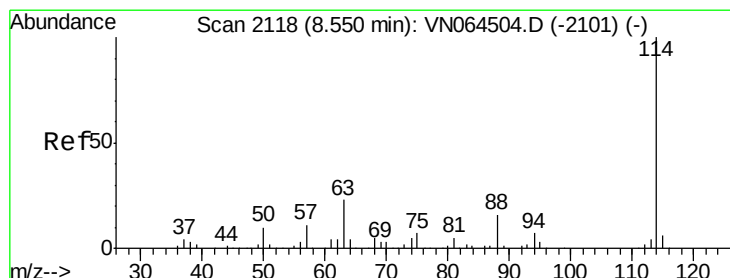
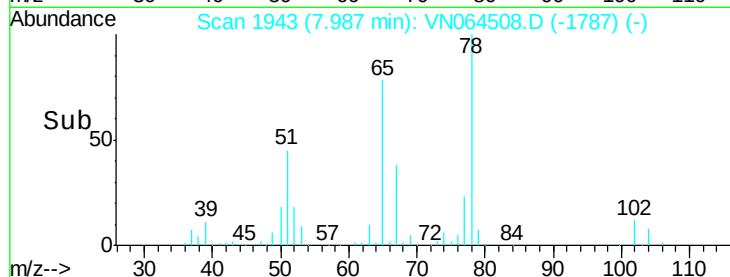
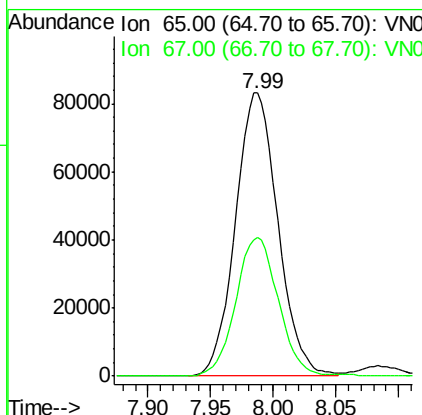
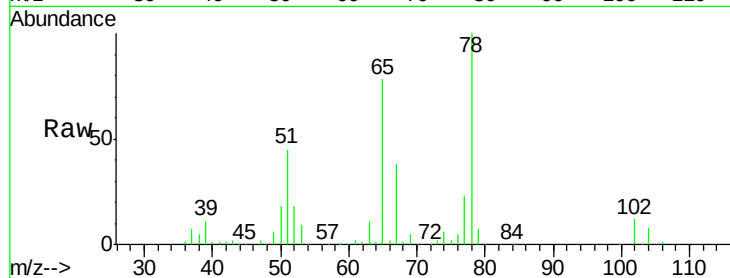




#27
 1,2-Dichloroethane-d4
 Concen: 31.147 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

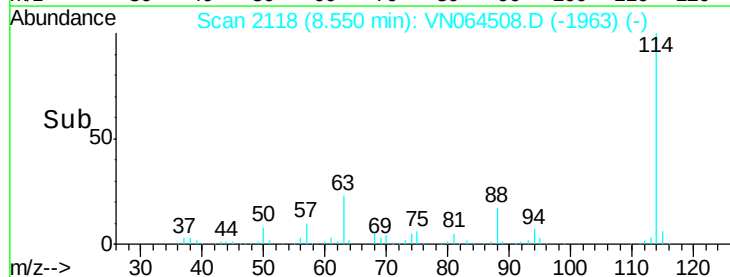
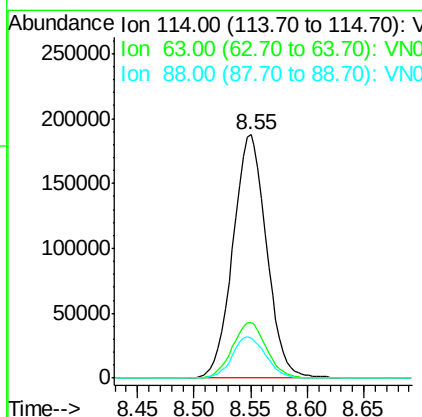
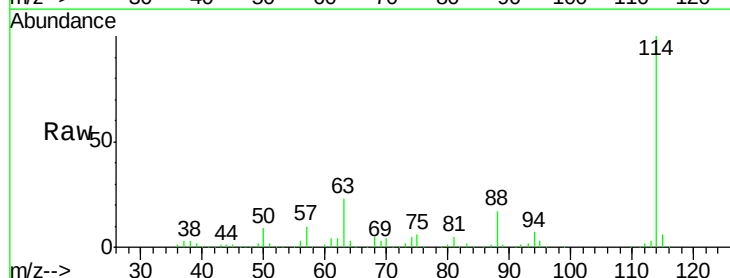
Instrument :
 MSVOA_N
 ClientSampled :

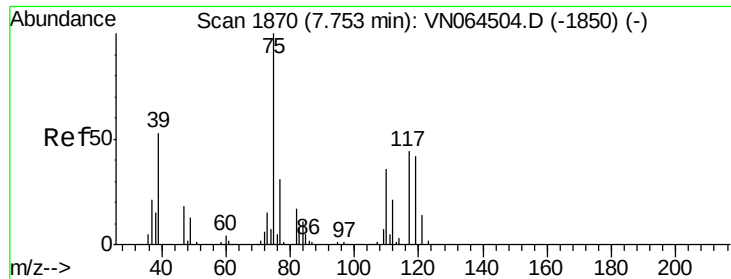
Tot Ion: 65 Resp: 195997
 Ion Ratio Lower Upper
 65 100
 67 49.1 41.1 61.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 114 Resp: 387867
 Ion Ratio Lower Upper
 114 100
 63 23.3 18.5 27.7
 88 16.8 13.0 19.6





#29

1,1-Dichloropropene

Concen: 19.176 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

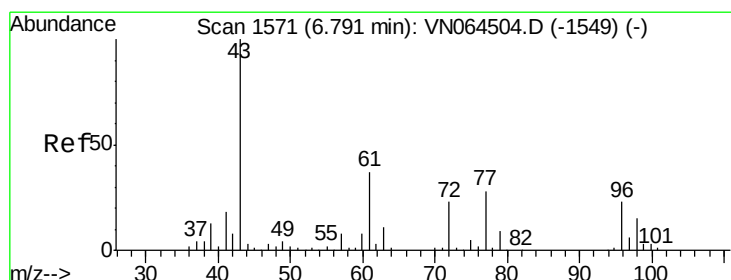
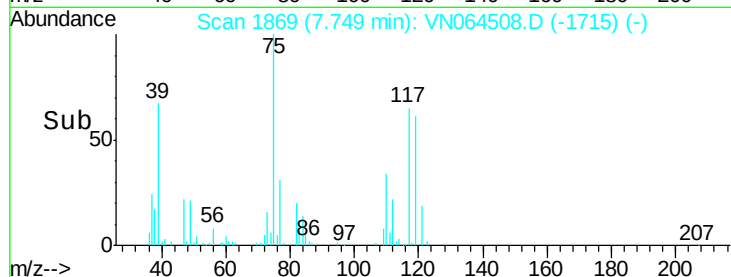
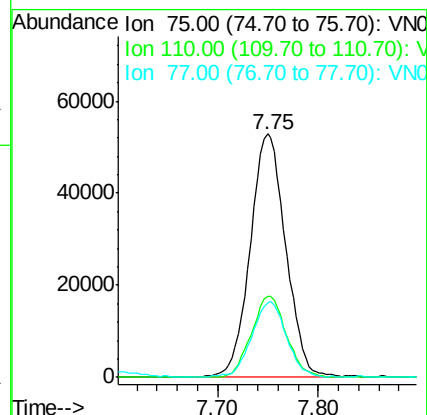
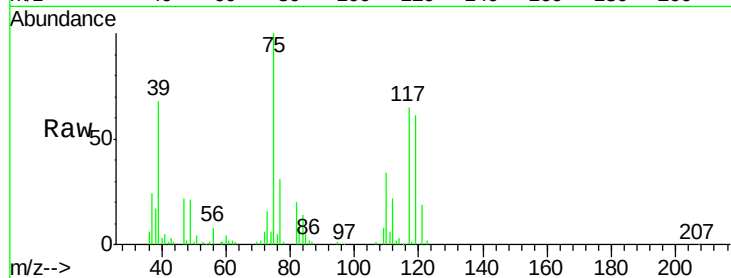
Tot Ion: 75 Resp: 129073

Ion Ratio Lower Upper

75 100

110 32.8 0.0 66.4

77 30.5 0.0 62.0



#30

2-Butanone

Concen: 88.434 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

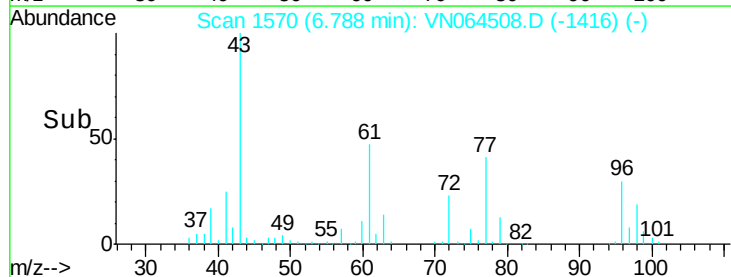
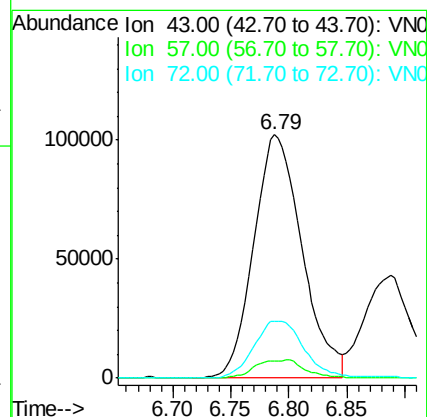
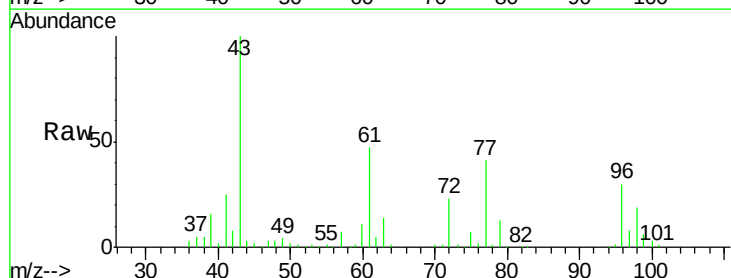
Tgt Ion: 43 Resp: 294658

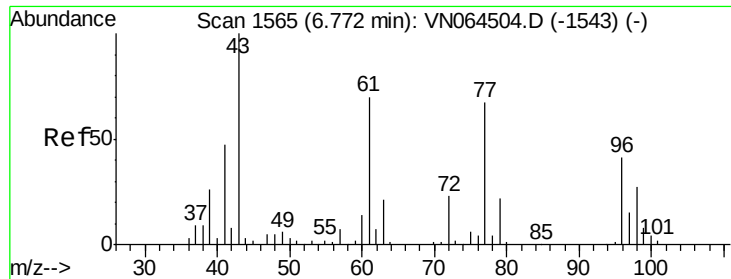
Ion Ratio Lower Upper

43 100

57 0.1 6.2 9.4#

72 24.4 9.9 14.9#

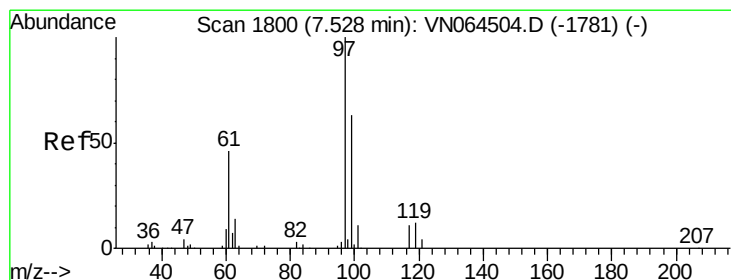
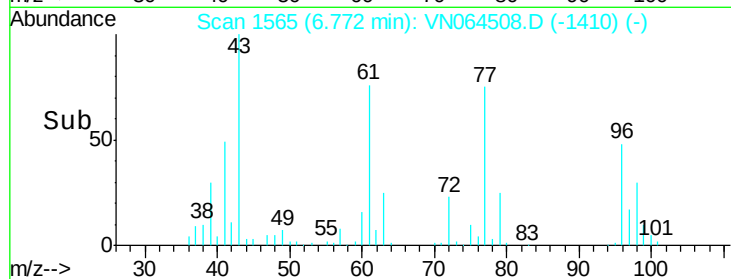
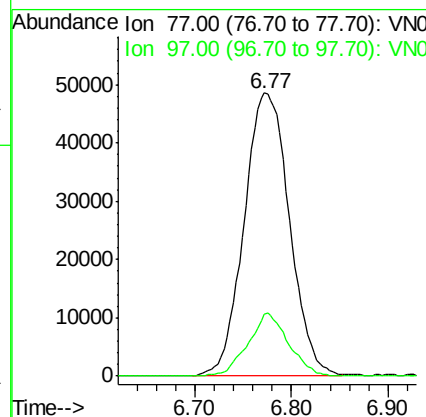
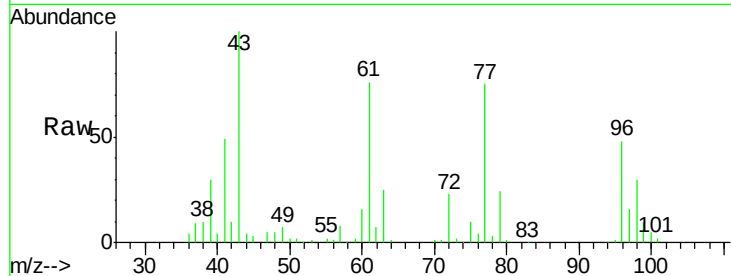




#31
 2,2-Dichloropropane
 Concen: 19.806 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

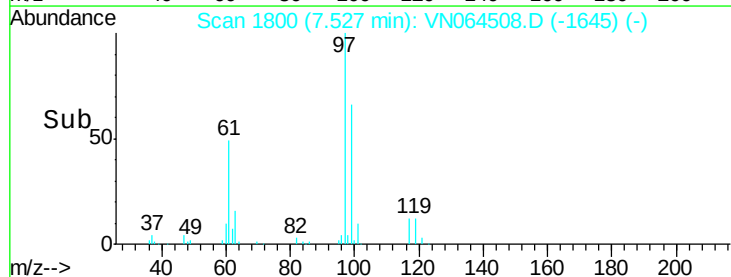
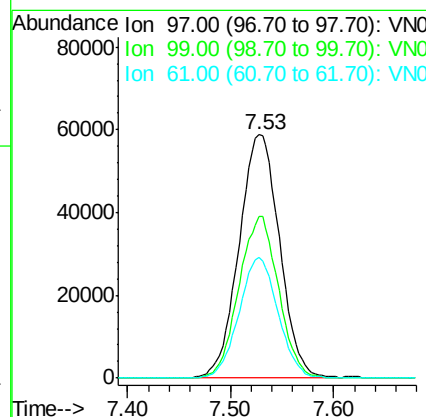
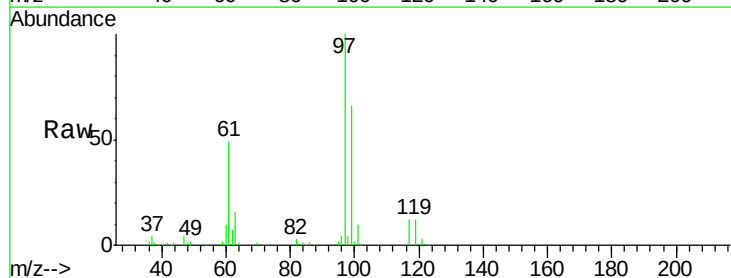
Instrument :
 MSVOA_N
 ClientSampled :

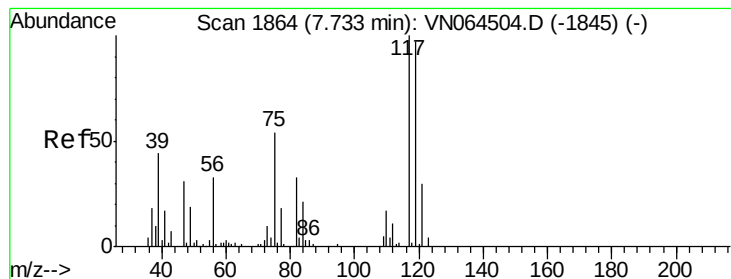
Tot Ion: 77 Resp: 158353
 Ion Ratio Lower Upper
 77 100
 97 19.8 16.9 25.3



#32
 1,1,1-Trichloroethane
 Concen: 19.500 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 97 Resp: 160995
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.8
 61 47.7 39.4 59.0





#33

Carbon Tetrachloride

Concen: 19.351 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

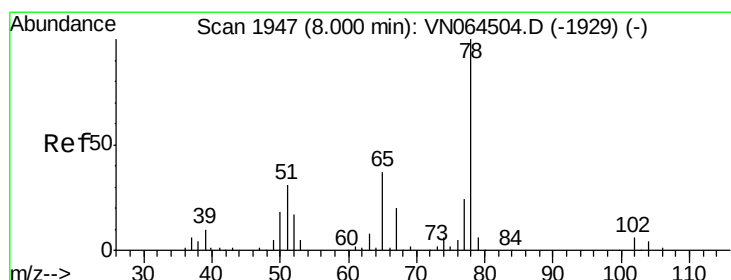
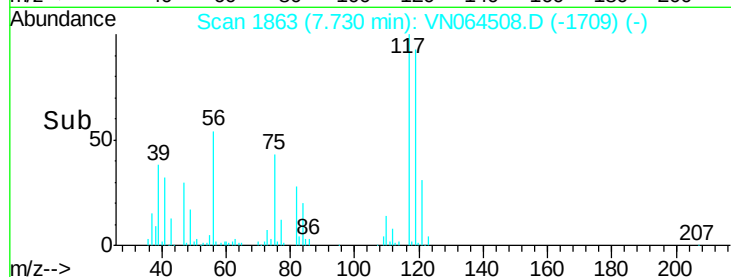
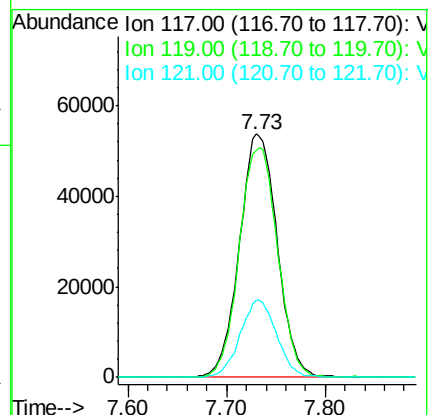
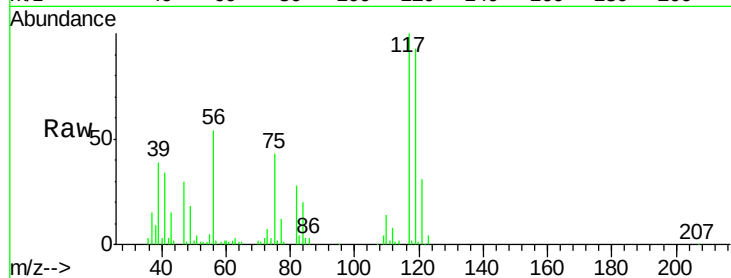
Tot Ion:117 Resp: 142676

Ion Ratio Lower Upper

117 100

119 93.4 77.9 116.9

121 31.5 24.0 36.0



#34

Benzene

Concen: 19.369 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

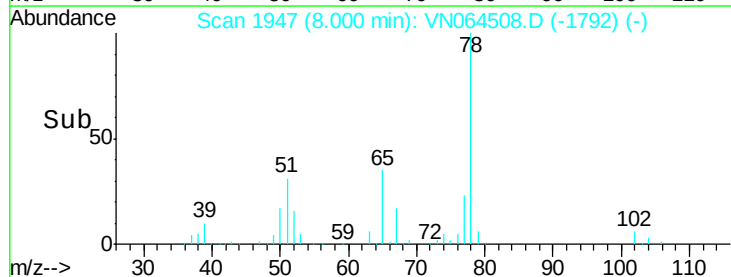
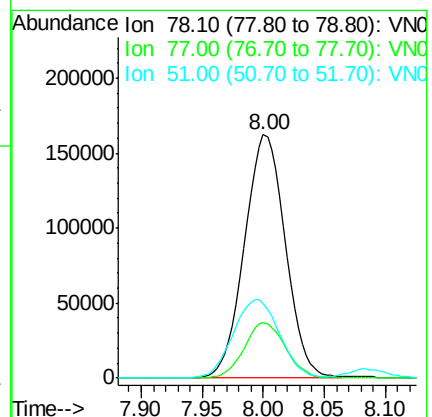
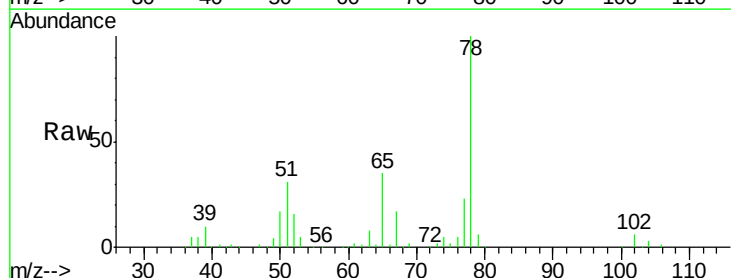
Tgt Ion: 78 Resp: 377492

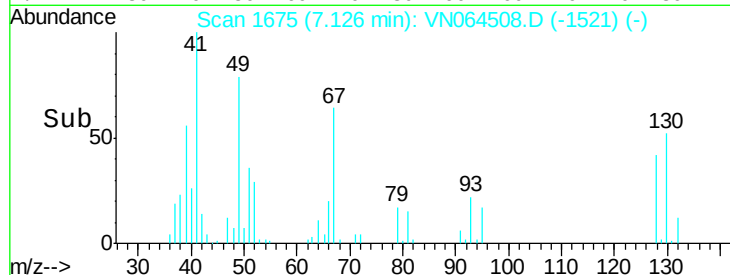
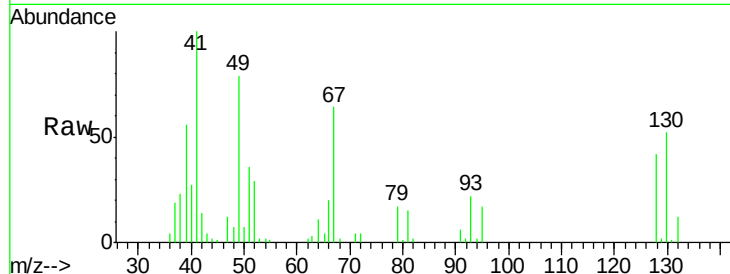
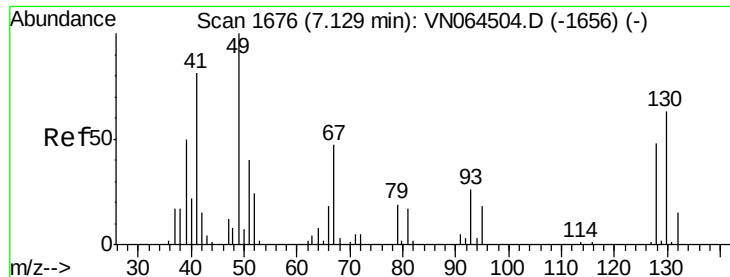
Ion Ratio Lower Upper

78 100

77 22.8 18.9 28.3

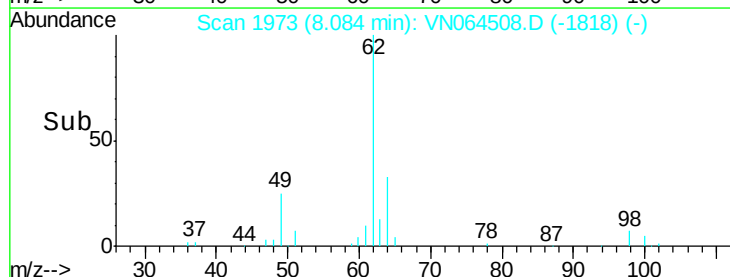
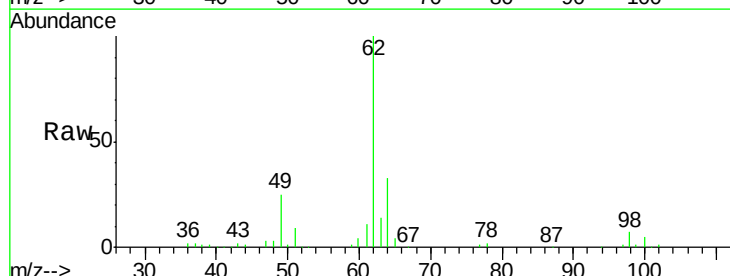
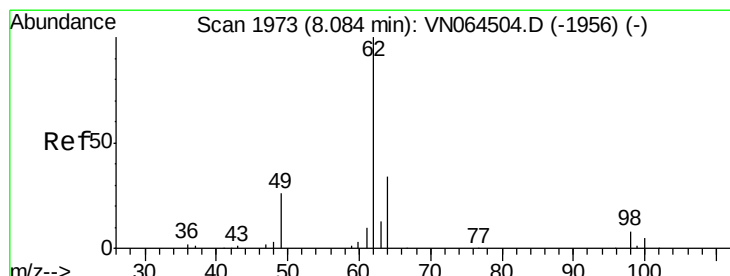
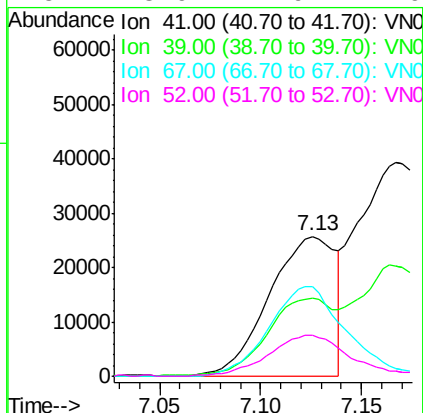
51 30.4 24.6 36.8





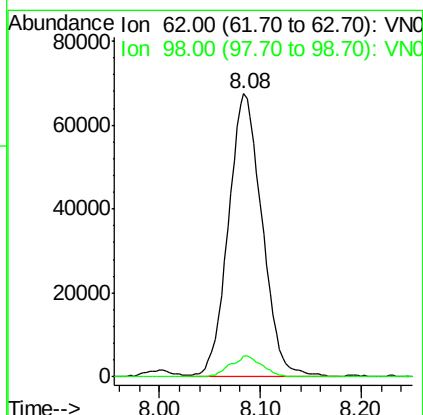
#35
Methacrylonitrile
Concen: 18.821 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

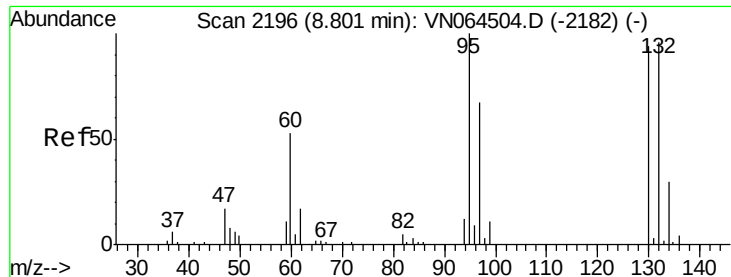
Tot Ion:	41	Resp:	58666
Ion	Ratio	Lower	Upper
41	100		
39	54.7	30.0	90.1
67	63.6	29.2	87.6
52	28.9	14.9	44.9



#36
1,2-Dichloroethane
Concen: 19.677 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion:	62	Resp:	157375
Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.5	8.3





#37

Trichloroethene

Concen: 19.238 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

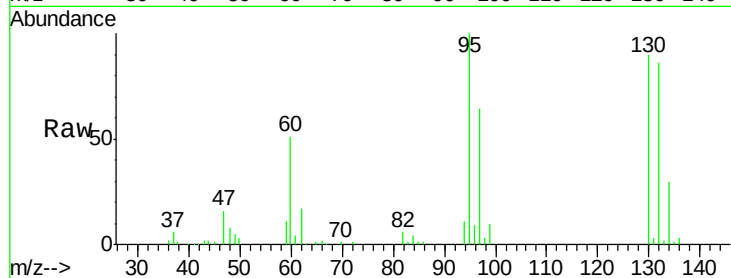
ClientSampleId :

Tot Ion:130 Resp: 94799

Ion Ratio Lower Upper

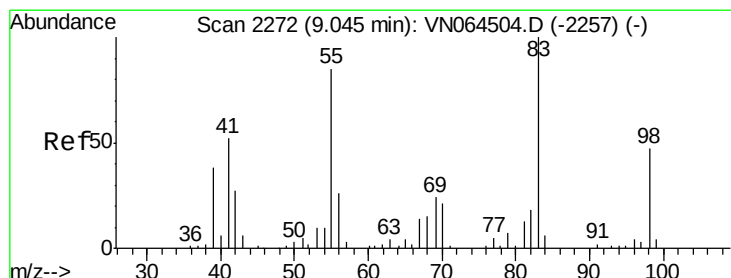
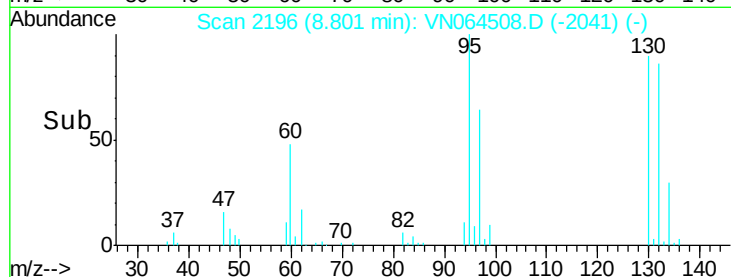
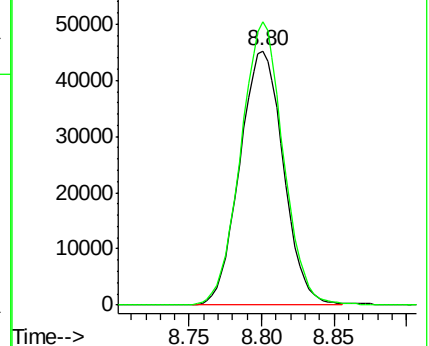
130 100

95 111.2 85.1 127.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.087 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

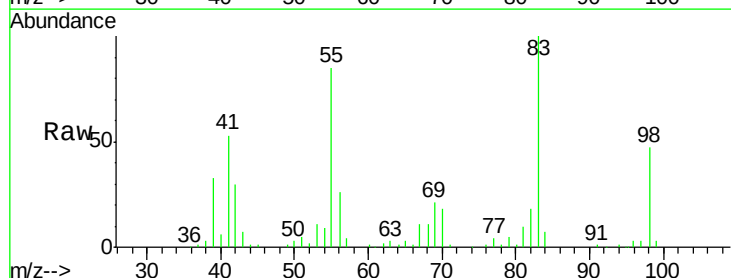
Tgt Ion: 83 Resp: 116206

Ion Ratio Lower Upper

83 100

55 85.6 42.0 126.1

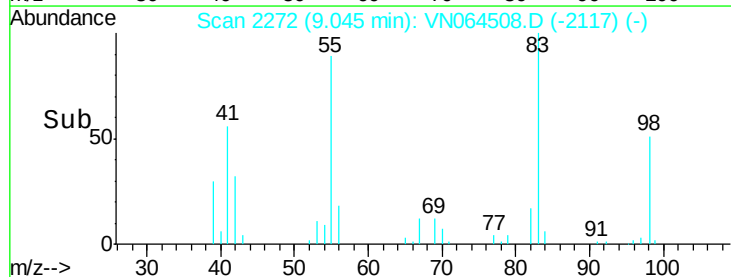
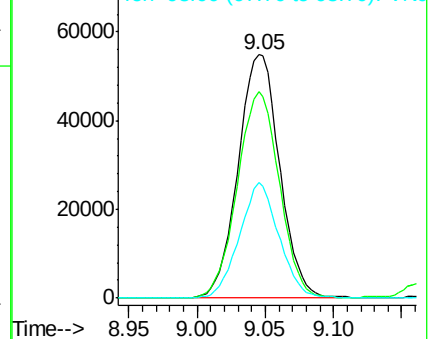
98 45.0 22.5 67.5

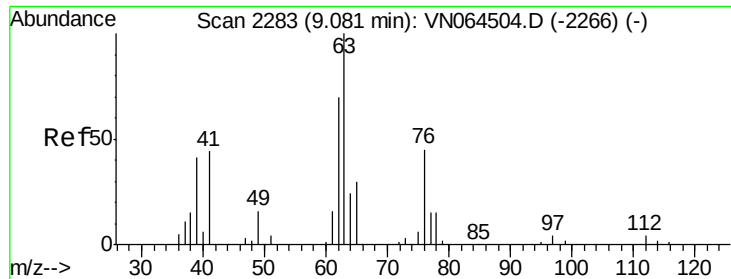


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

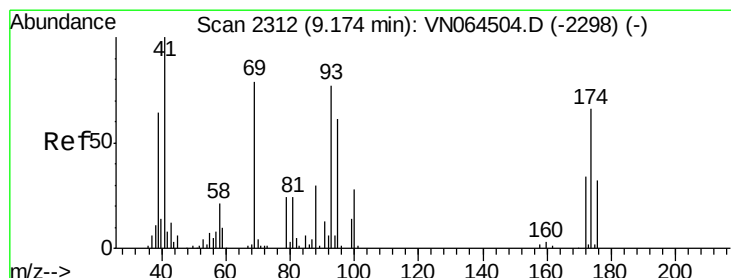
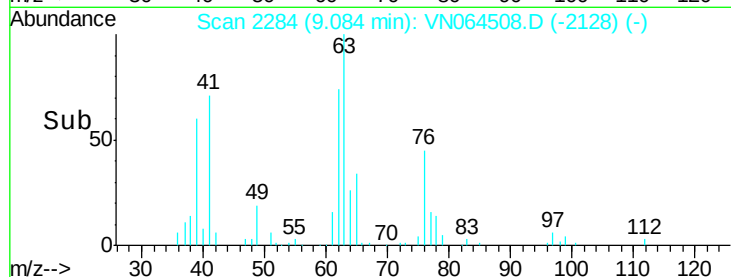
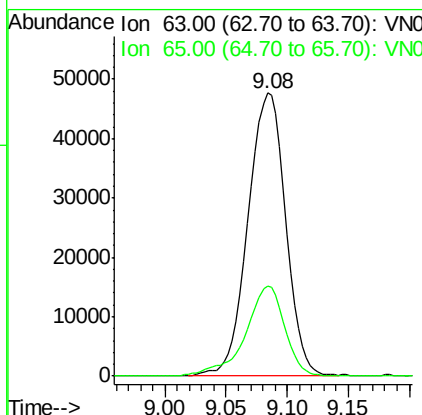
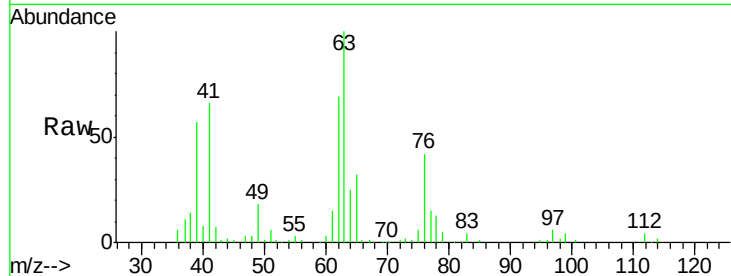




#39
 1,2-Dichloropropane
 Concen: 19.483 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

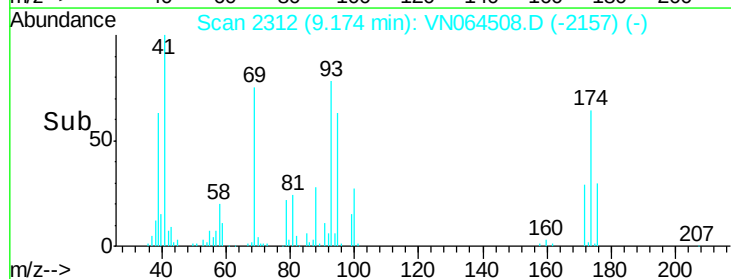
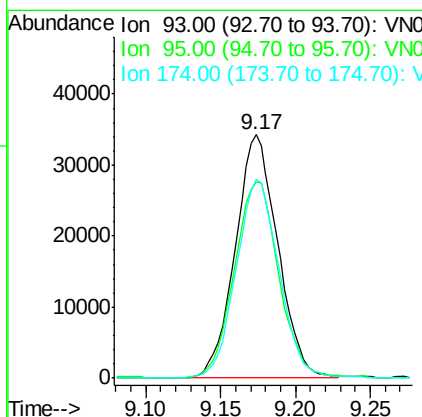
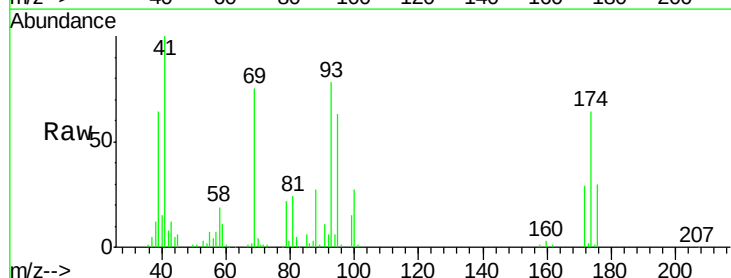
Instrument :
 MSVOA_N
 ClientSampled :

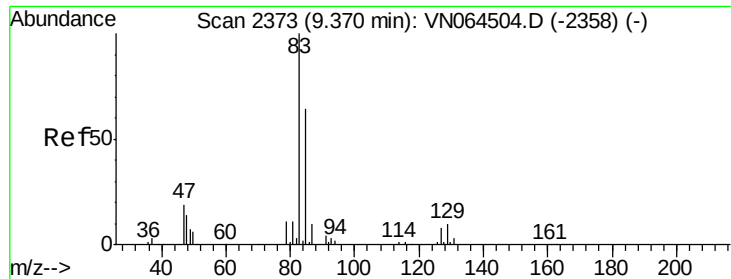
Tot Ion: 63 Resp: 102025
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.4 36.6



#40
 Dibromomethane
 Concen: 19.173 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 93 Resp: 67735
 Ion Ratio Lower Upper
 93 100
 95 84.4 0.0 164.6
 174 82.4 0.0 165.6

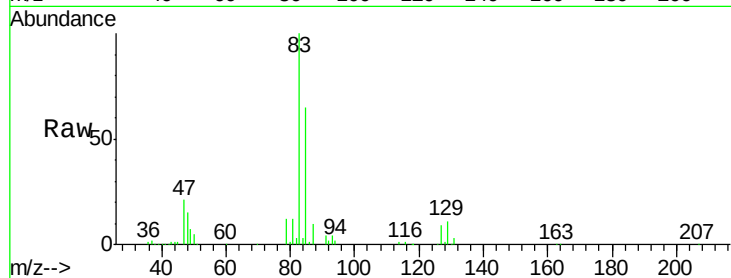




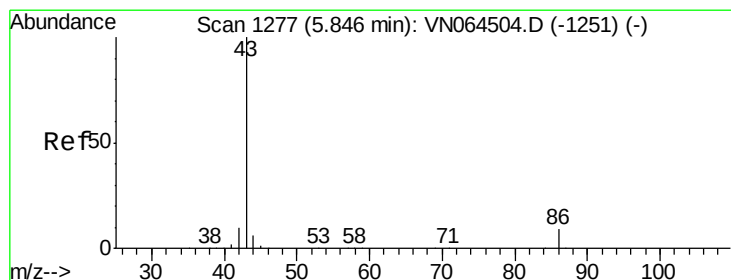
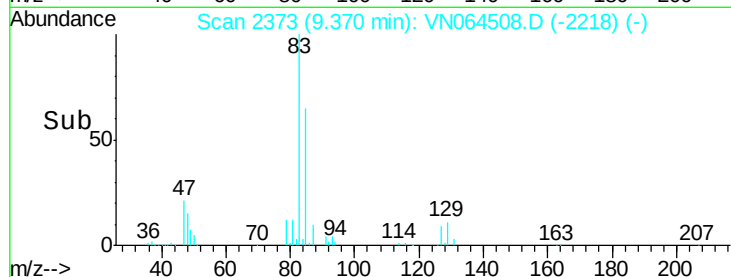
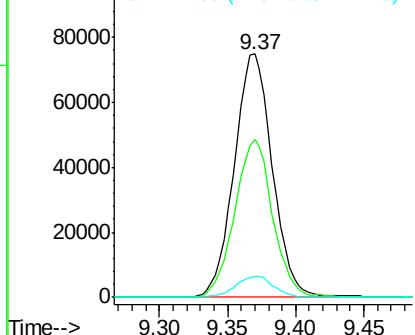
#41
Bromodichloromethane
Concen: 18.979 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 145316
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4
127 8.8 6.2 9.4

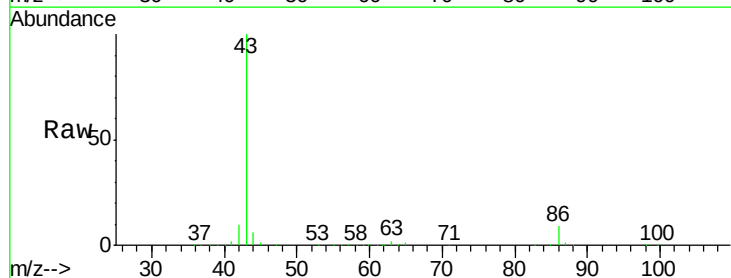


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): VN0

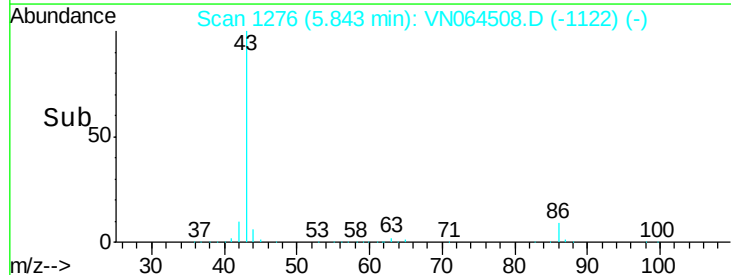
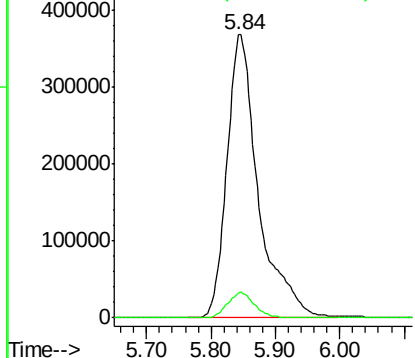


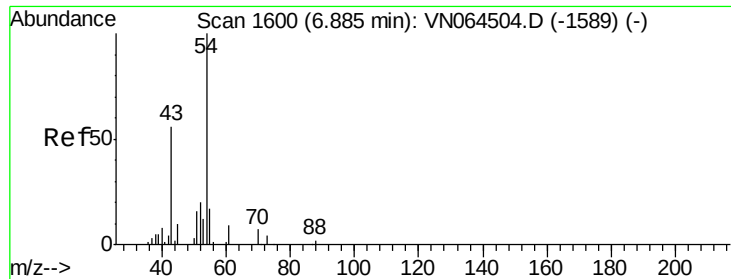
#42
Vinyl Acetate
Concen: 93.921 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 43 Resp: 1252812
Ion Ratio Lower Upper
43 100
86 7.8 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0

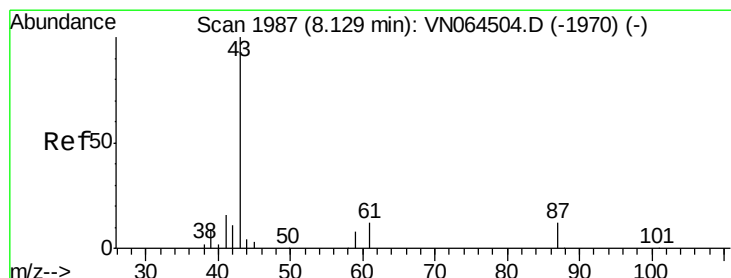
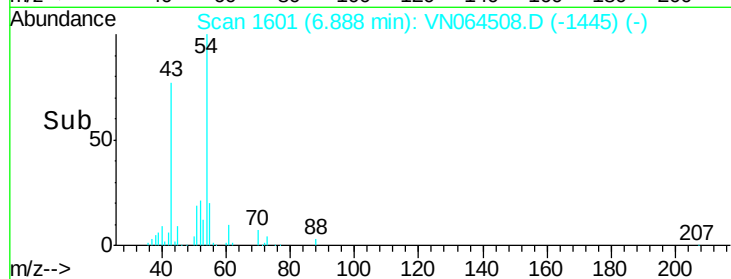
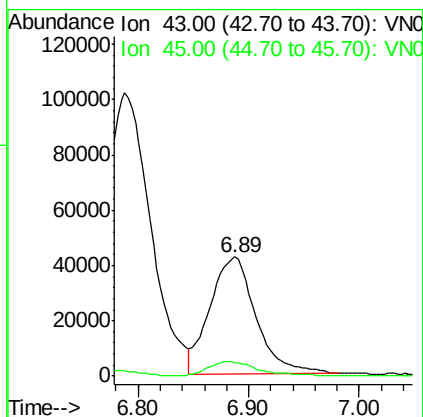
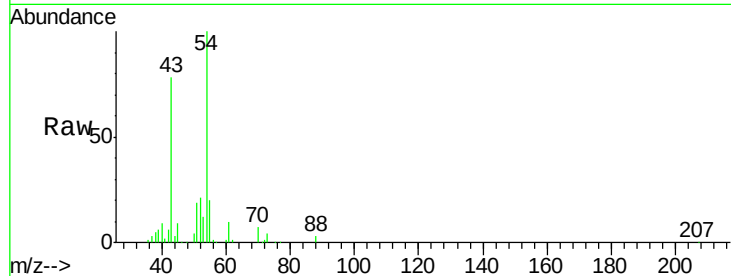




#43
Ethyl Acetate
Concen: 18.898 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

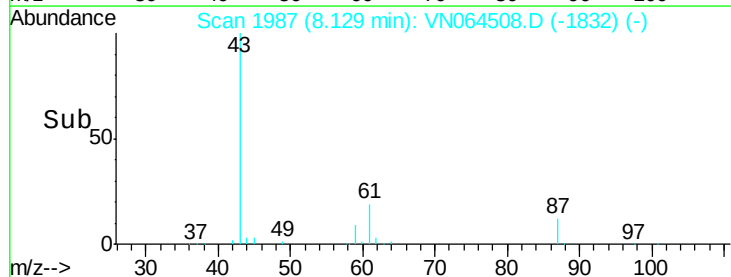
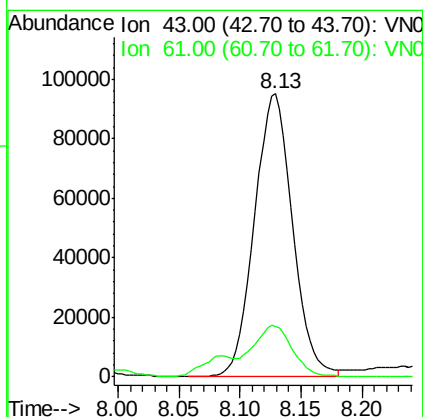
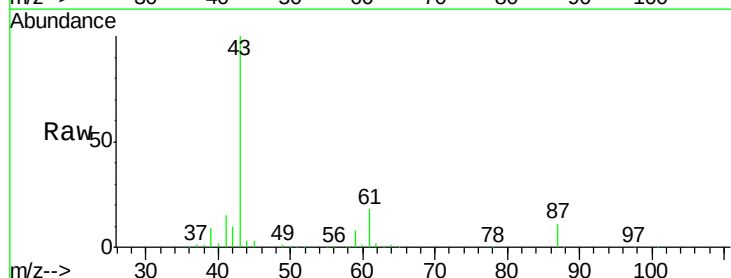
Instrument :
MSVOA_N
ClientSampled :

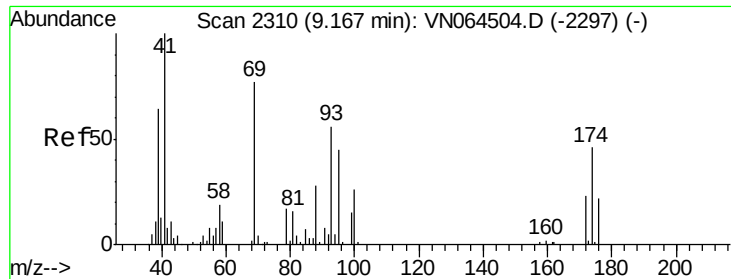
Tot Ion: 43 Resp: 122522
Ion Ratio Lower Upper
43 100
45 10.8 10.9 16.3#



#44
Isopropyl Acetate
Concen: 18.369 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 43 Resp: 205579
Ion Ratio Lower Upper
43 100
61 18.7 13.0 19.4

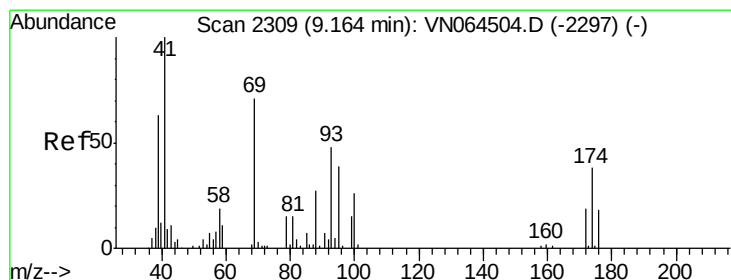
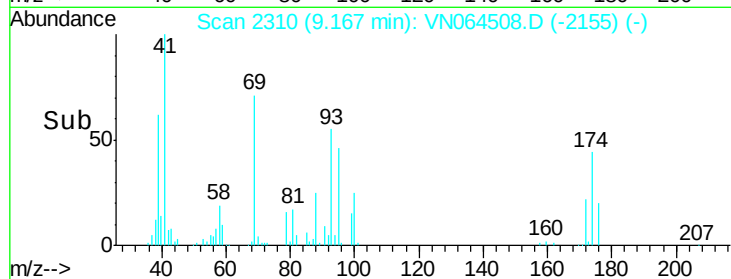
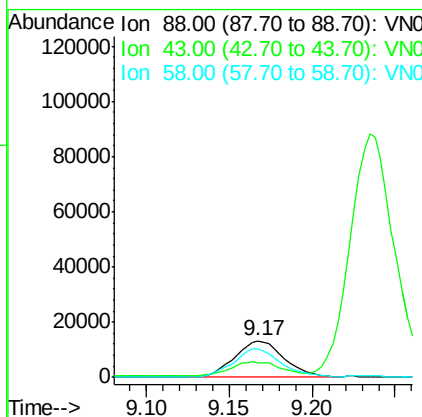
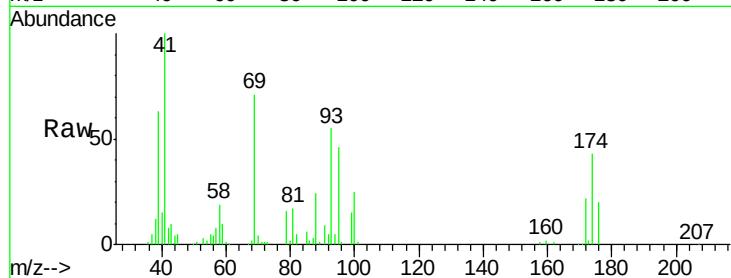




#45
 1,4-Dioxane
 Concen: 349.807 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

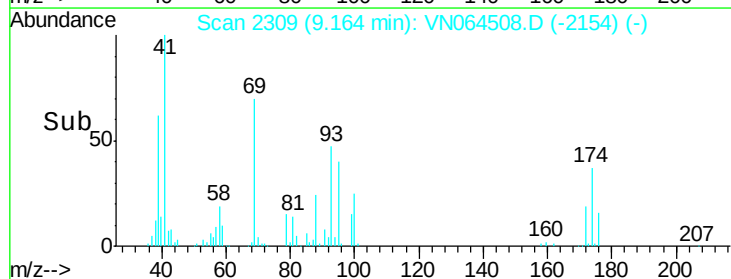
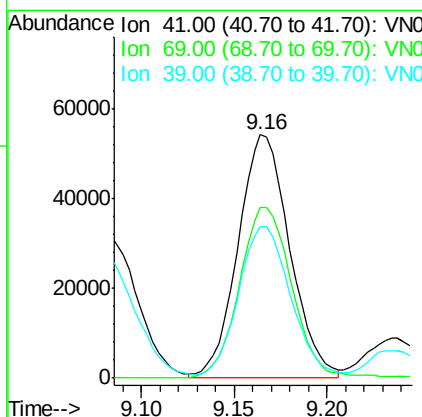
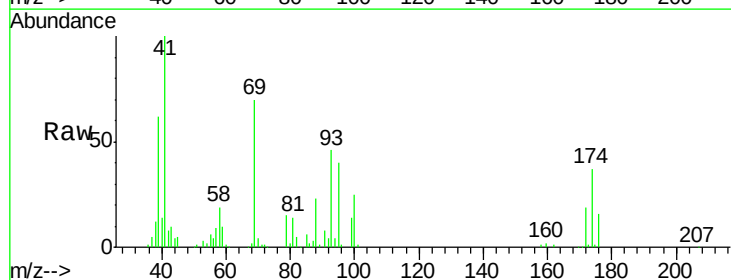
Instrument :
 MSVOA_N
 ClientSampled :

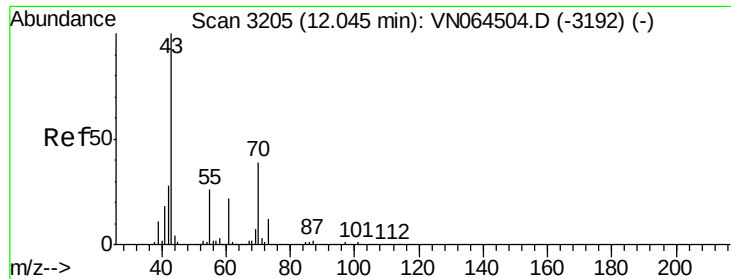
Tot Ion: 88 Resp: 27444
 Ion Ratio Lower Upper
 88 100
 43 39.8 30.6 46.0
 58 76.6 57.9 86.9



#46
 Methyl methacrylate
 Concen: 18.987 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 41 Resp: 105678
 Ion Ratio Lower Upper
 41 100
 69 70.8 35.4 106.2
 39 61.3 31.6 94.7





#47

n-amvl Acetate

Concen: 17.647 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

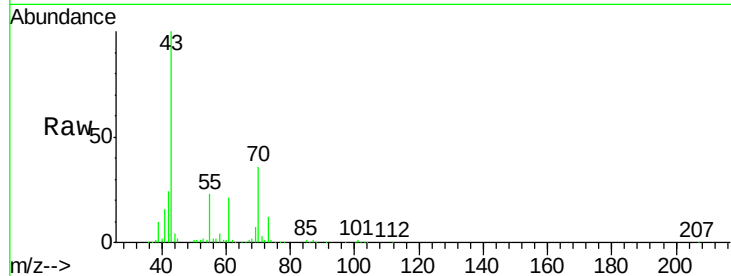
ClientSampleId :

Tot Ion: 43 Resp: 170851

Ion Ratio Lower Upper

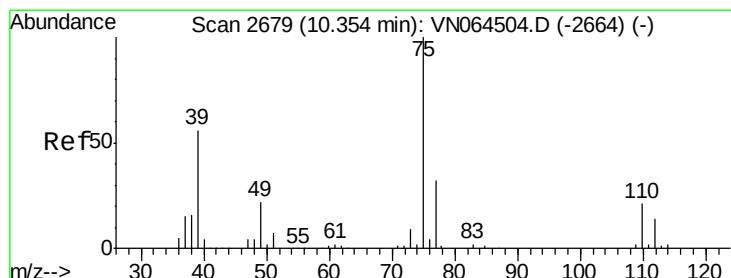
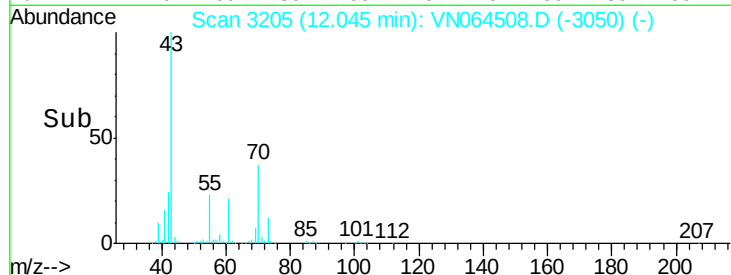
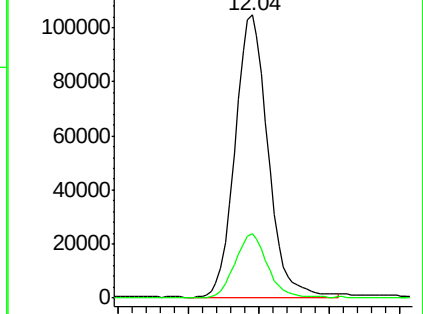
43 100

55 22.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.740 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064508.D

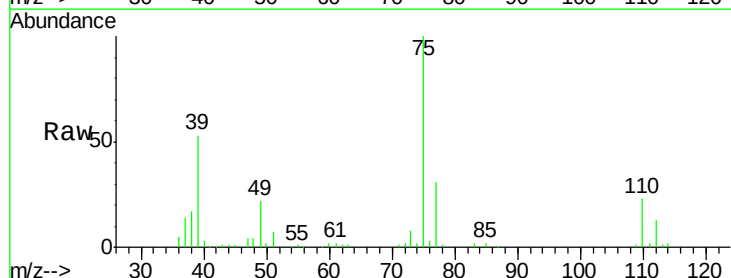
Acq: 9 Nov 2020 15:35

Tgt Ion: 75 Resp: 152060

Ion Ratio Lower Upper

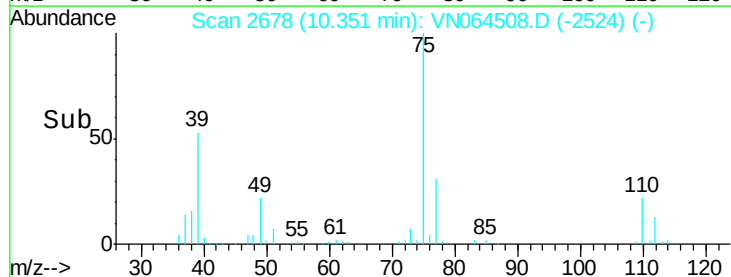
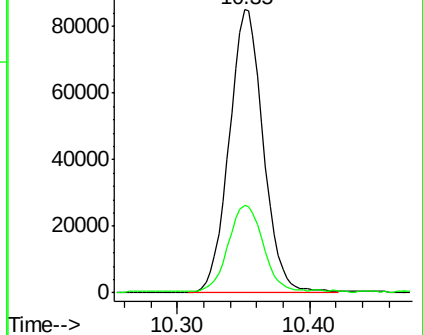
75 100

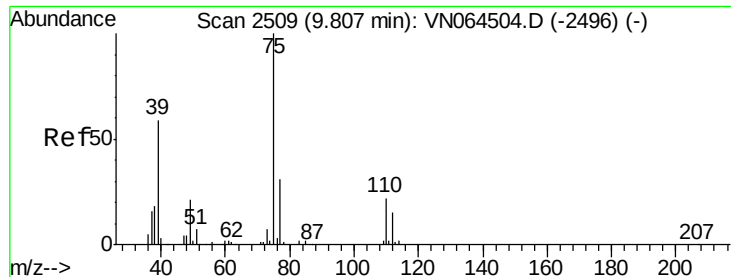
77 30.6 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



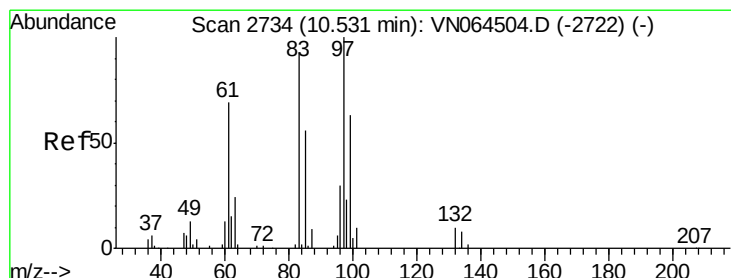
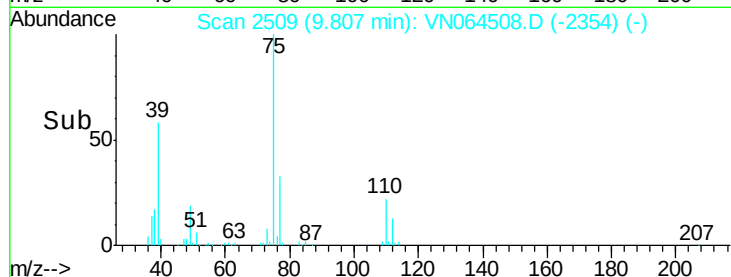
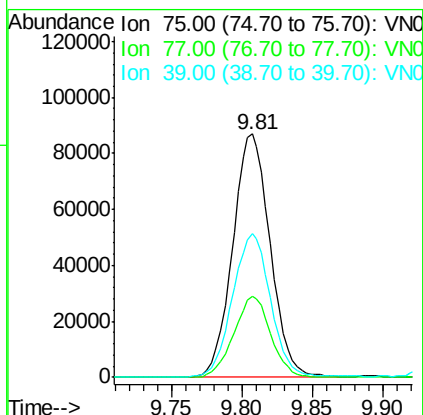
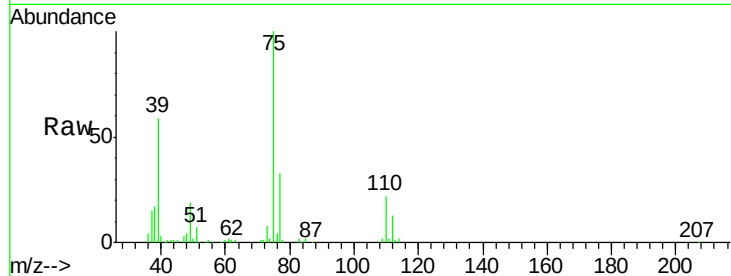


#49

cis-1,3-Dichloropropene
Concen: 18.951 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampled :

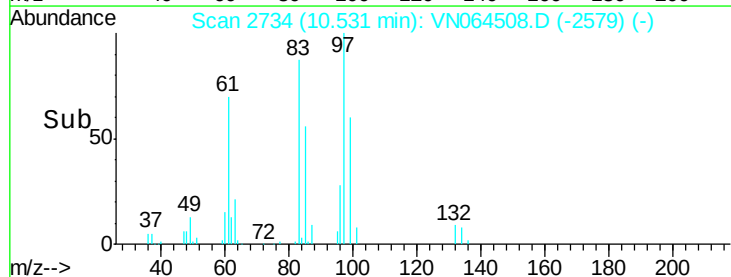
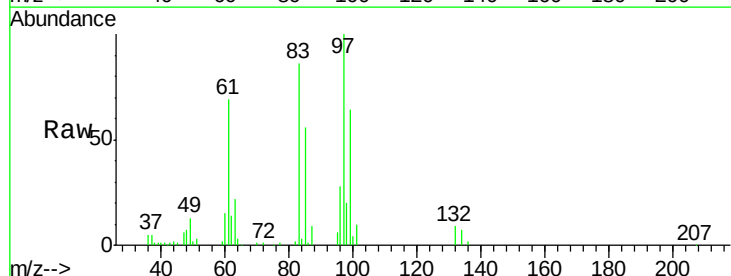
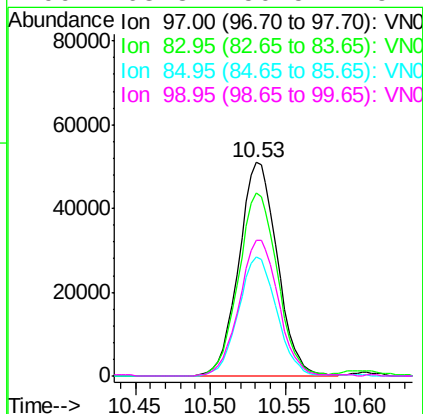
Tot Ion	75	Resp	161572
Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.8	37.2
39	58.5	47.4	71.0

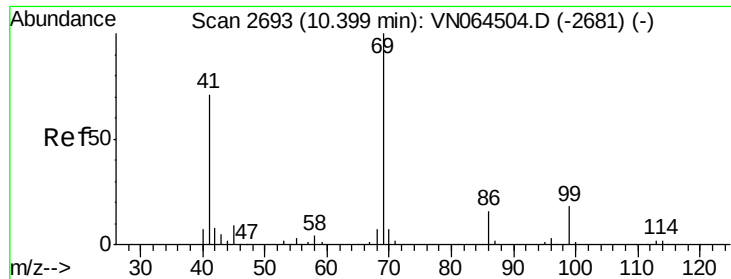


#50

1,1,2-Trichloroethane
Concen: 18.877 ug/l
RT: 10.53 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	97	Resp	91431
Ion	Ratio	Lower	Upper
97	100		
83	85.9	74.2	111.4
85	55.8	44.8	67.2
99	63.8	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.036 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampled :

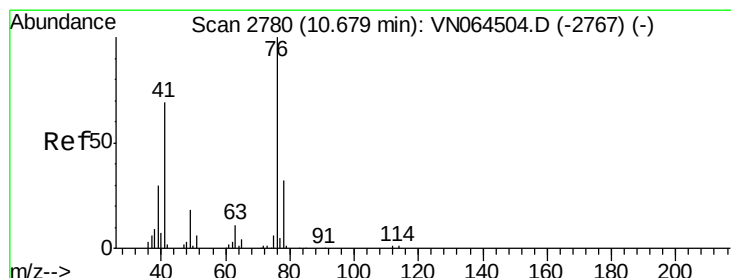
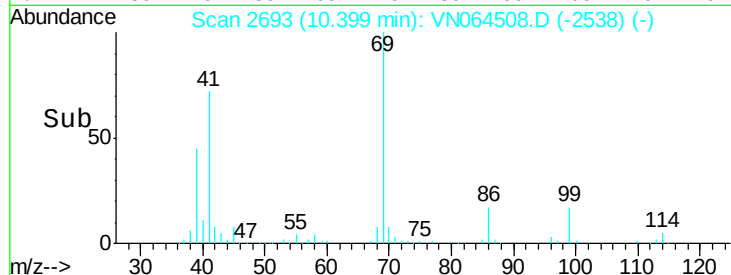
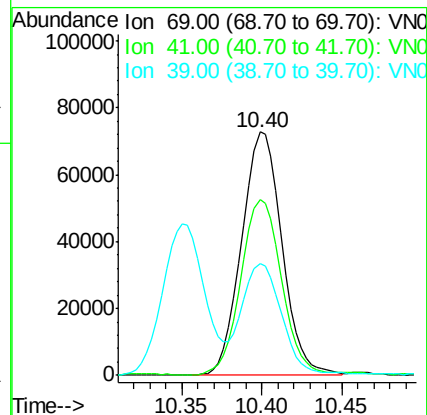
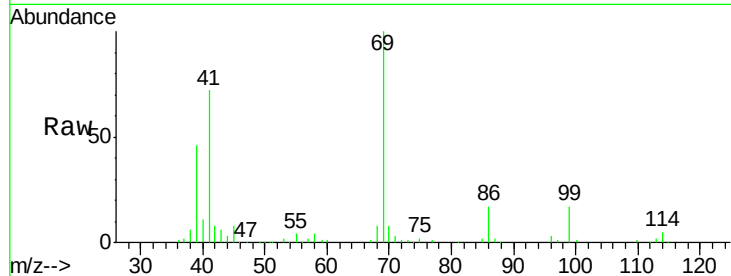
Tot Ion: 69 Resp: 125183

Ion Ratio Lower Upper

69 100

41 71.8 35.4 106.1

39 44.6 24.1 72.2



#52

1,3-Dichloropropane

Concen: 19.002 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064508.D

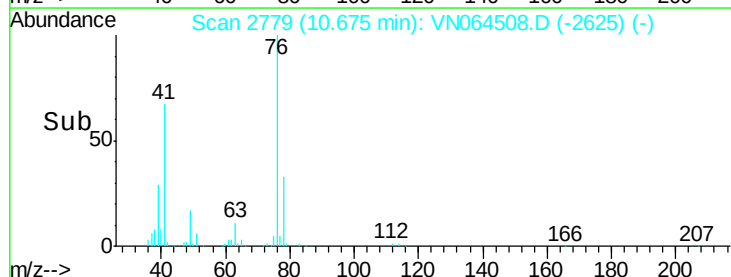
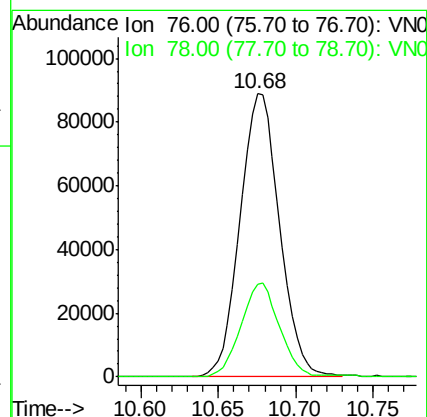
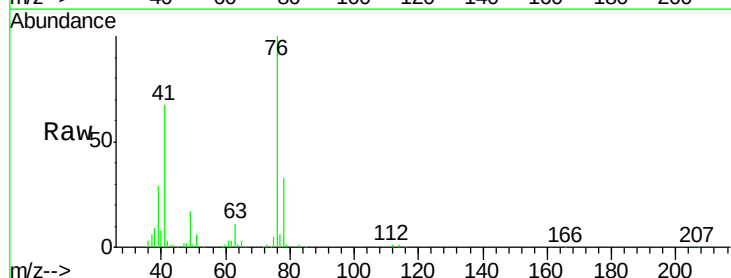
Acq: 9 Nov 2020 15:35

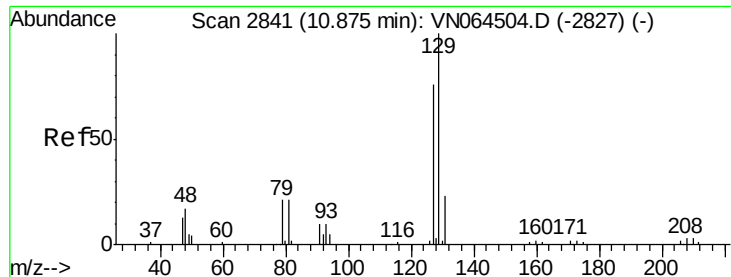
Tgt Ion: 76 Resp: 158115

Ion Ratio Lower Upper

76 100

78 32.0 0.0 65.2

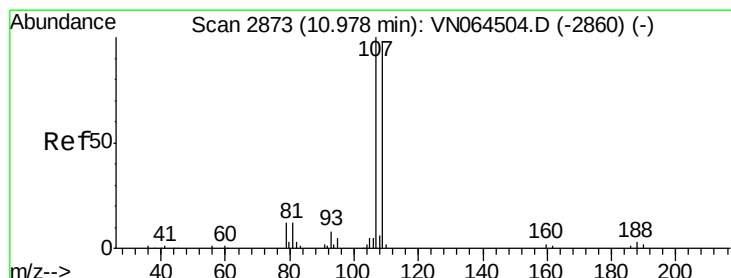
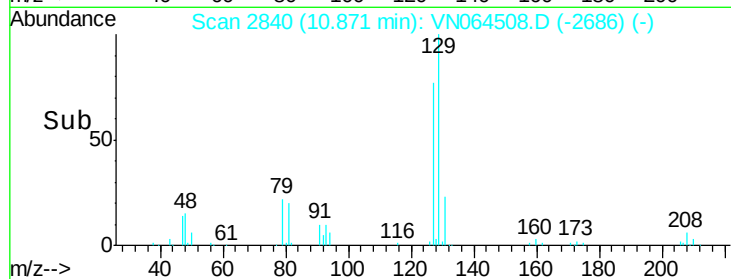
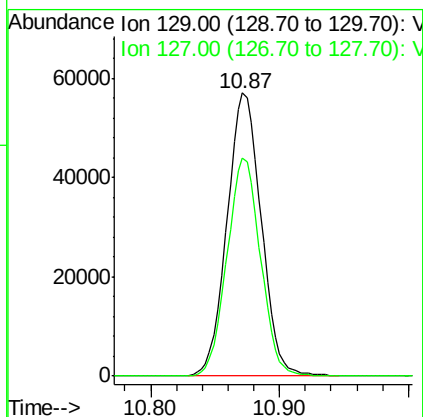
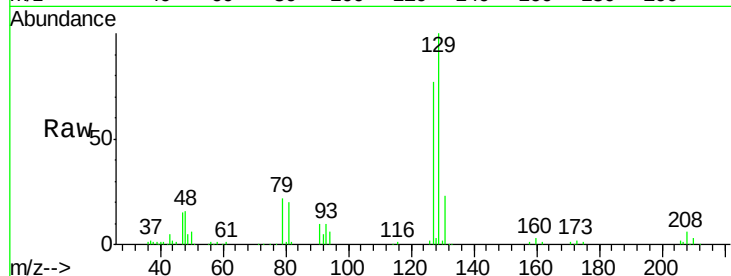




#53
 Dibromochloromethane
 Concen: 18.952 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

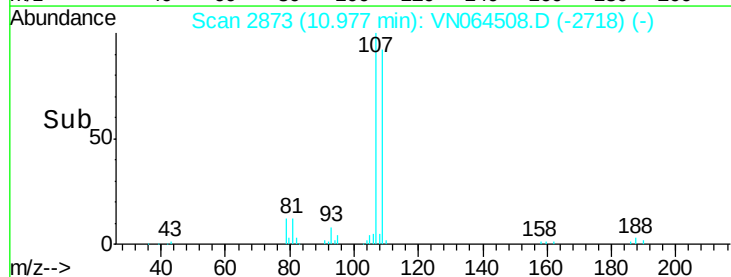
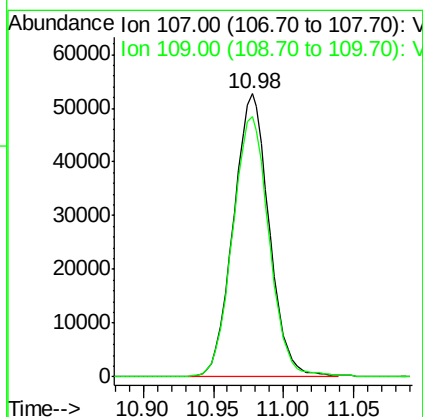
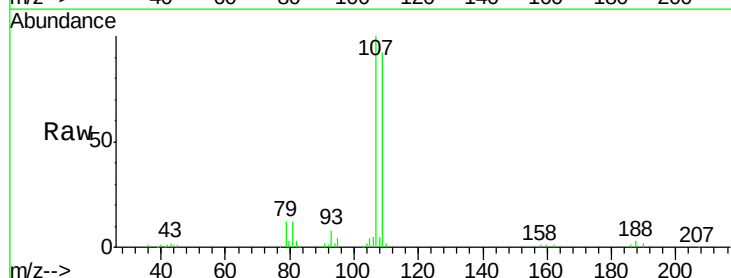
Instrument :
 MSVOA_N
 ClientSampleId :

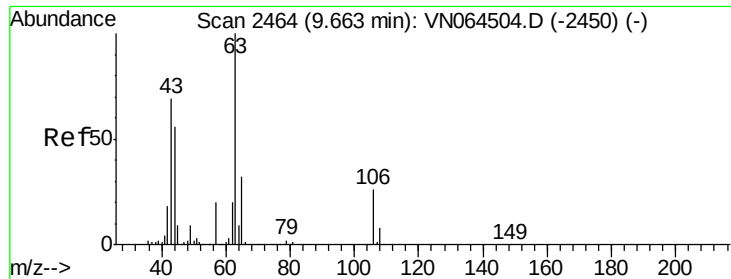
Tot Ion:129 Resp: 105124
 Ion Ratio Lower Upper
 129 100
 127 75.3 39.1 117.2



#54
 1,2-Dibromoethane
 Concen: 18.882 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion:107 Resp: 93543
 Ion Ratio Lower Upper
 107 100
 109 94.1 77.2 115.8

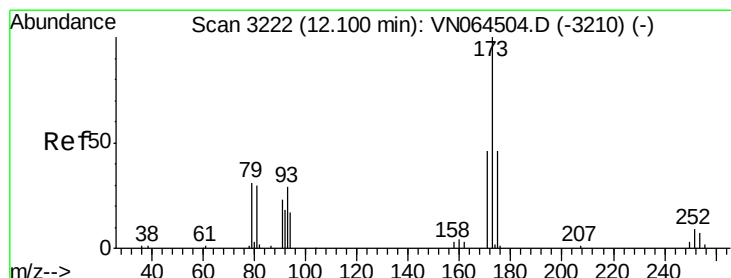
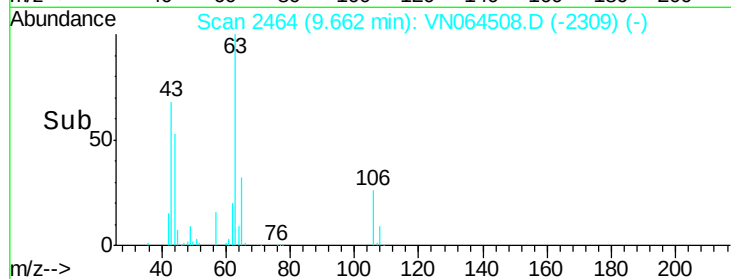
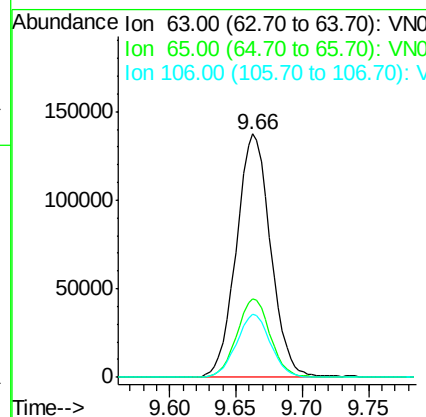
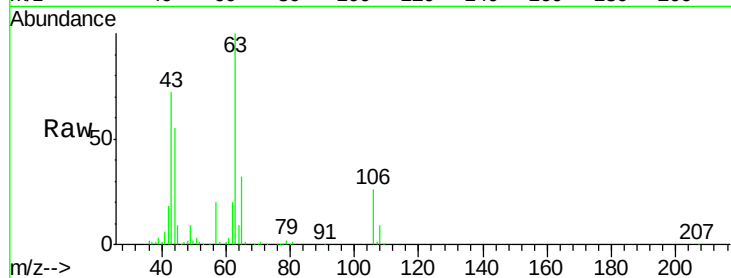




#55
 2-Chloroethyl vinyl ether
 Concen: 67.994 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

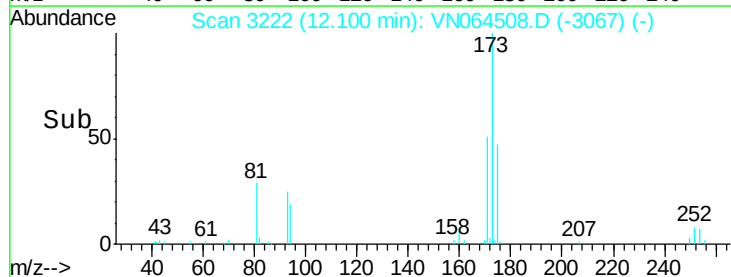
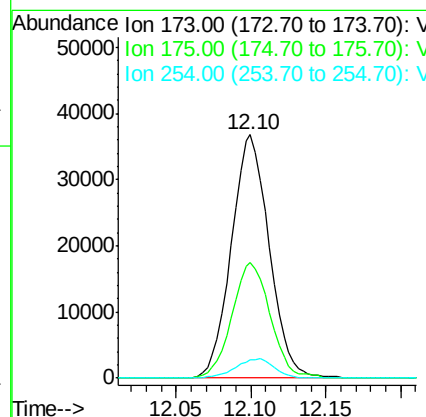
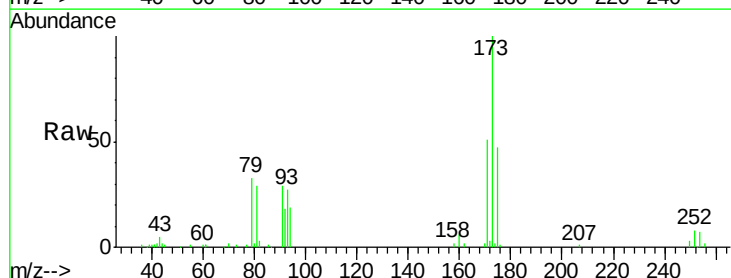
Instrument :
 MSVOA_N
 ClientSampled :

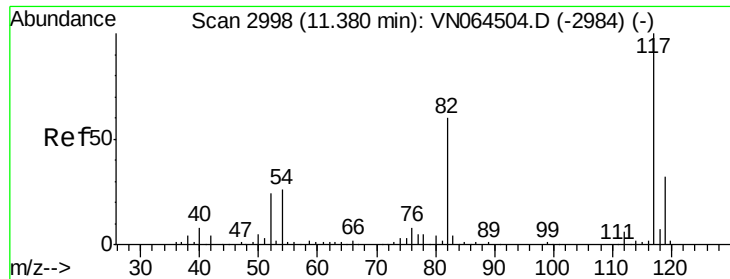
Tot Ion: 63 Resp: 246967
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.7 38.5
 106 25.5 19.9 29.9



#56
 Bromoform
 Concen: 17.818 ug/l
 RT: 12.10 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 173 Resp: 64859
 Ion Ratio Lower Upper
 173 100
 175 48.0 37.1 55.7
 254 8.1 5.4 8.2

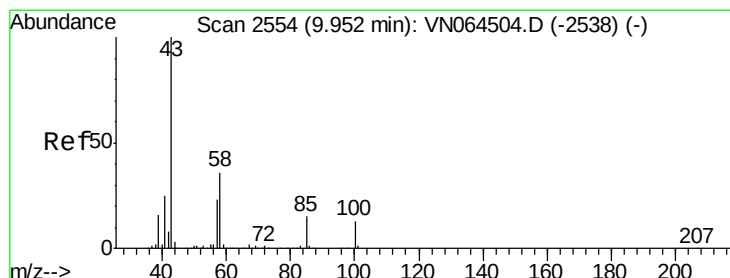
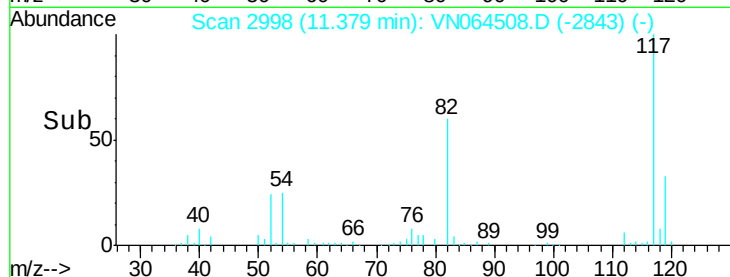
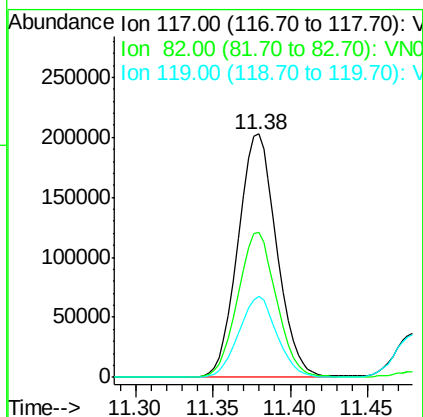
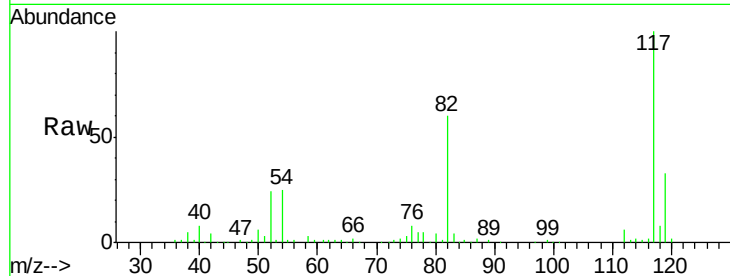




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

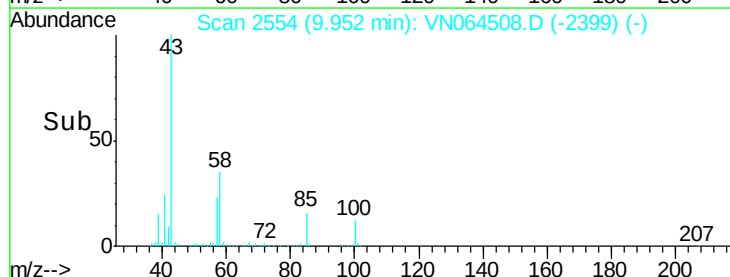
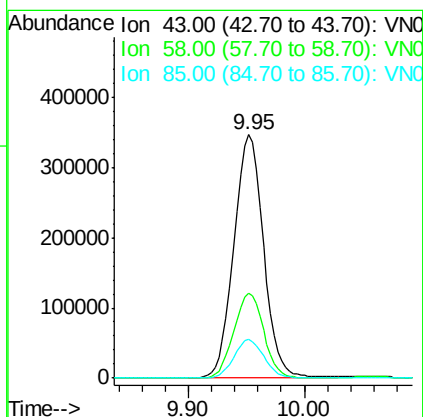
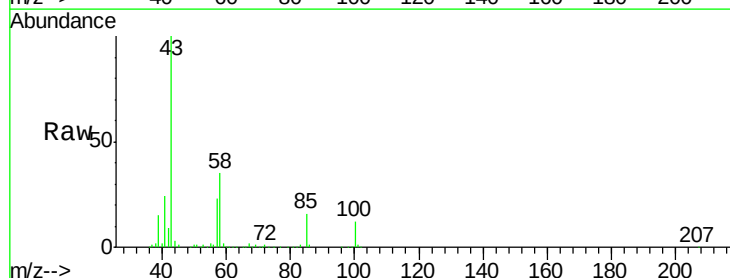
Instrument :
MSVOA_N
ClientSampled :

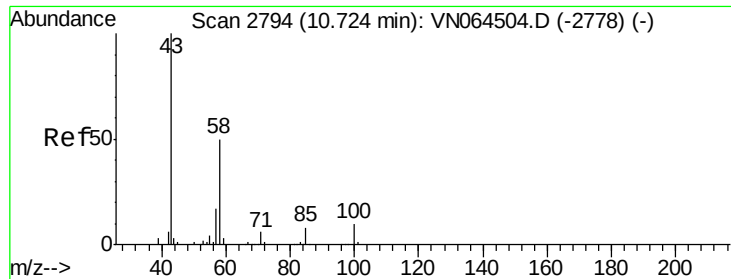
Tot Ion:117 Resp: 353453
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.7 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 94.206 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 43 Resp: 611472
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2
85 16.0 12.3 18.5





#59

2-Hexanone

Concen: 93.228 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

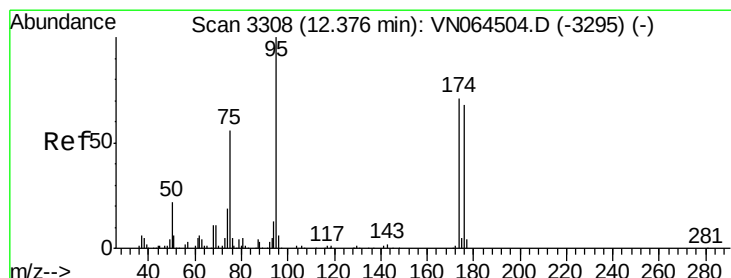
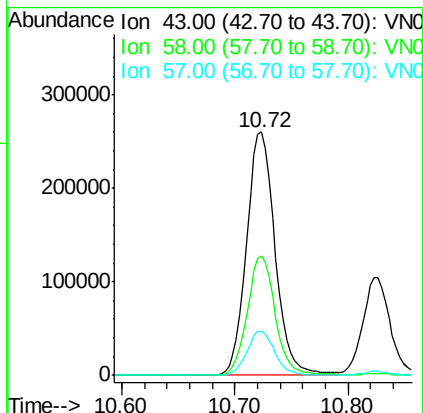
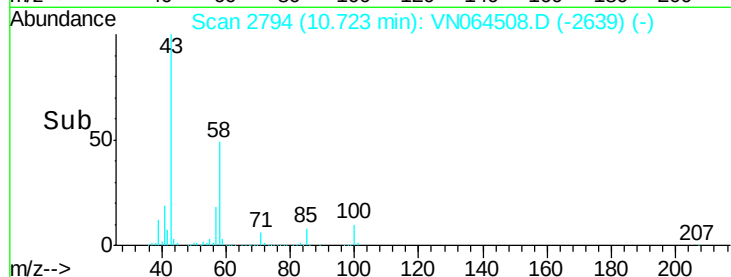
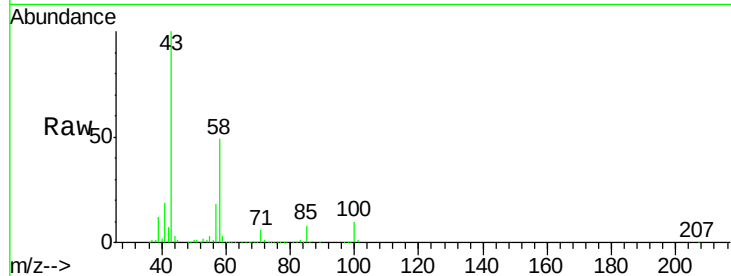
Tot Ion: 43 Resp: 455770

Ion Ratio Lower Upper

43 100

58 48.5 38.2 57.4

57 17.8 13.8 20.8



#60

4-Bromofluorobenzene

Concen: 29.883 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

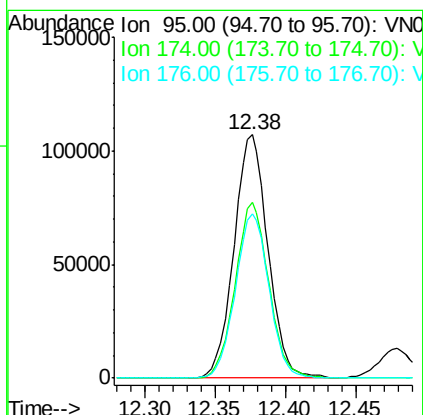
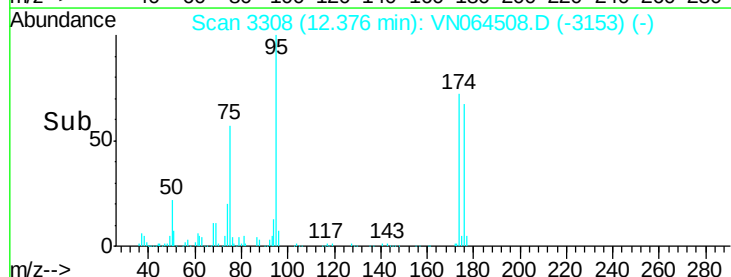
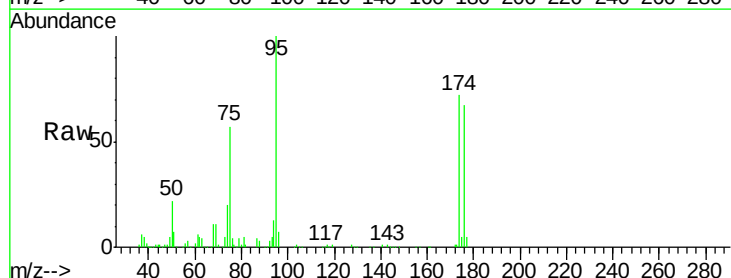
Tgt Ion: 95 Resp: 180934

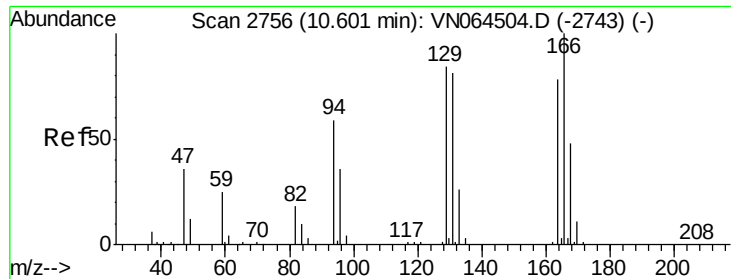
Ion Ratio Lower Upper

95 100

174 71.4 56.4 84.6

176 66.8 53.3 79.9





#61

Tetrachloroethene

Concen: 19.959 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 88179

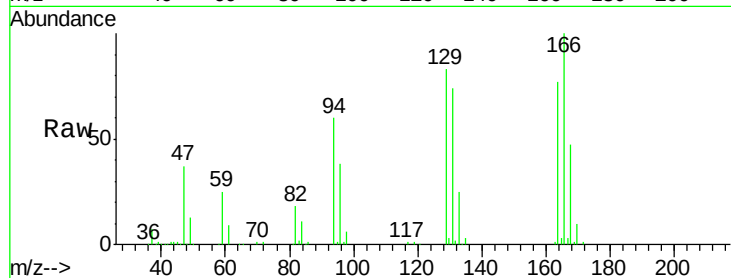
Ion Ratio Lower Upper

164 100

166 129.9 103.2 154.8

129 107.7 86.4 129.6

131 96.6 84.0 126.0

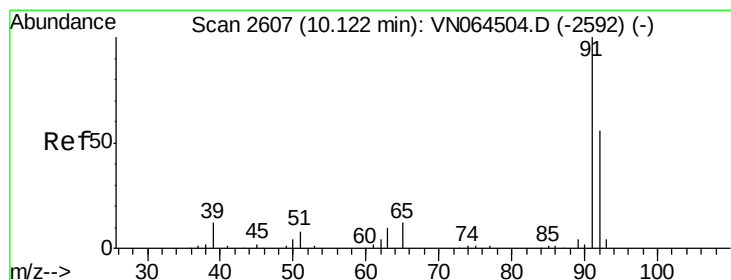
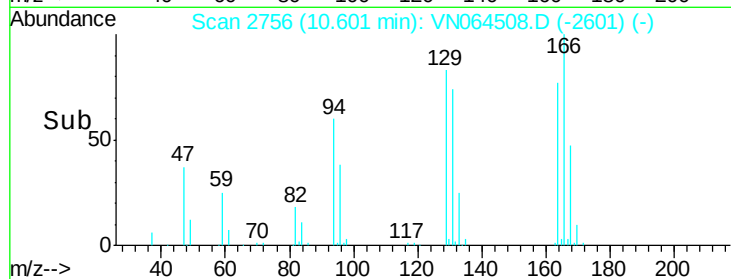
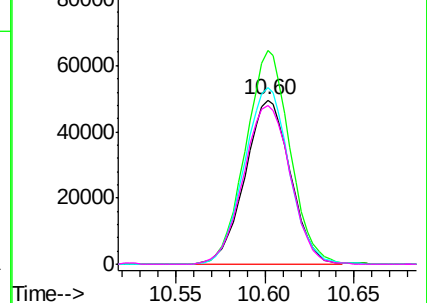


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.695 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064508.D

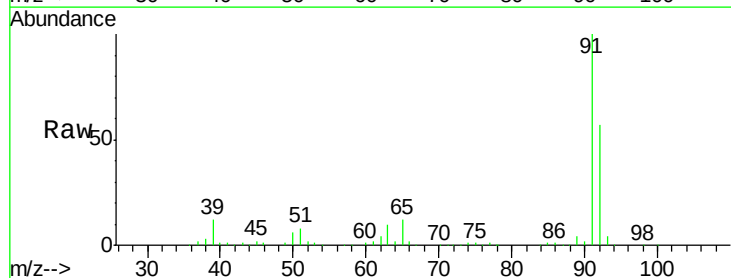
Acq: 9 Nov 2020 15:35

Tgt Ion: 91 Resp: 408816

Ion Ratio Lower Upper

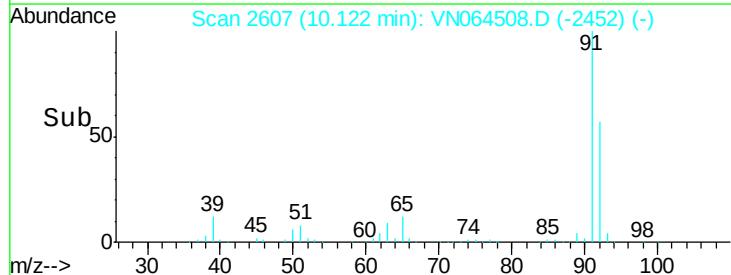
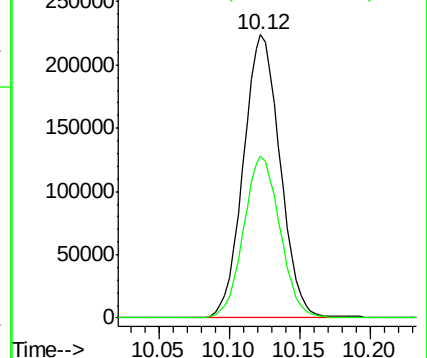
91 100

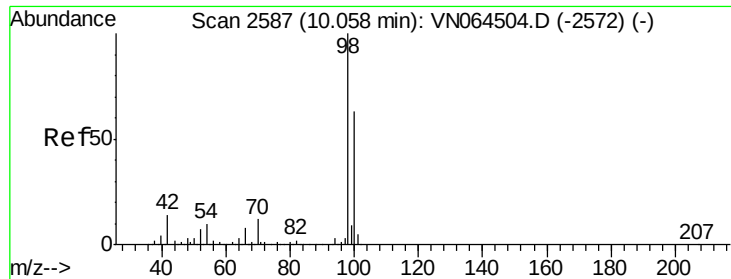
92 56.6 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.762 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

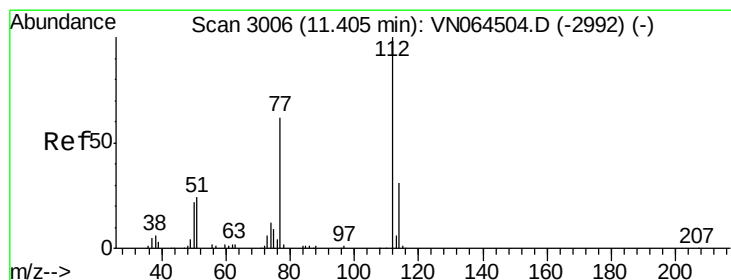
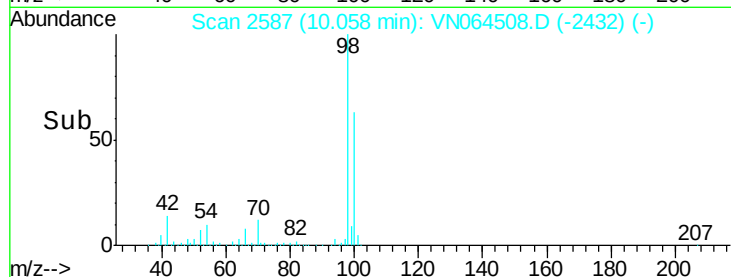
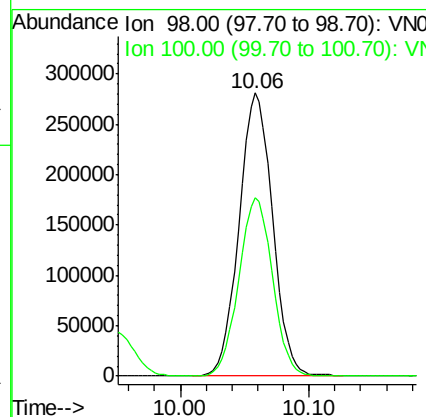
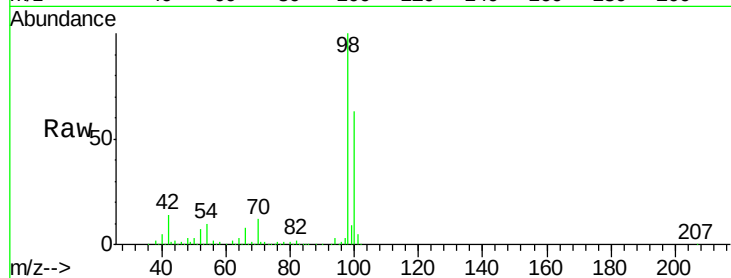
ClientSampleId :

Tot Ion: 98 Resp: 507084

Ion Ratio Lower Upper

98 100

100 63.1 49.4 74.2



#64

Chlorobenzene

Concen: 19.658 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064508.D

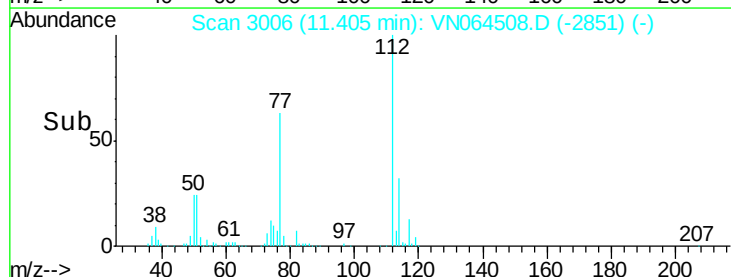
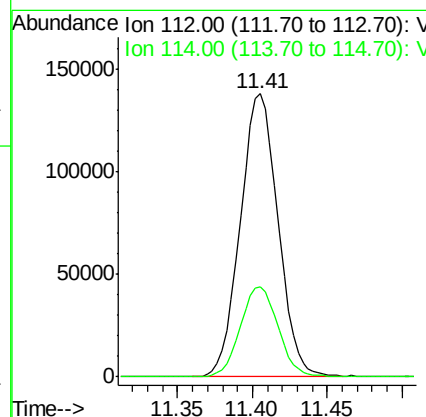
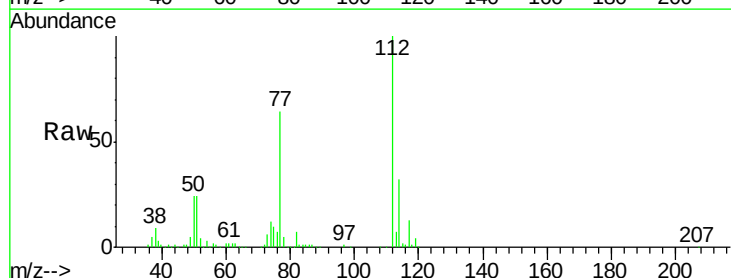
Acq: 9 Nov 2020 15:35

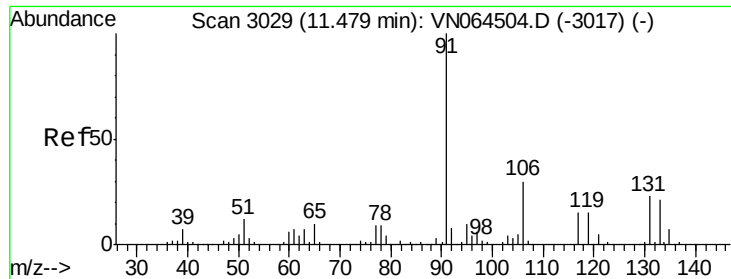
Tgt Ion: 112 Resp: 242545

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.6

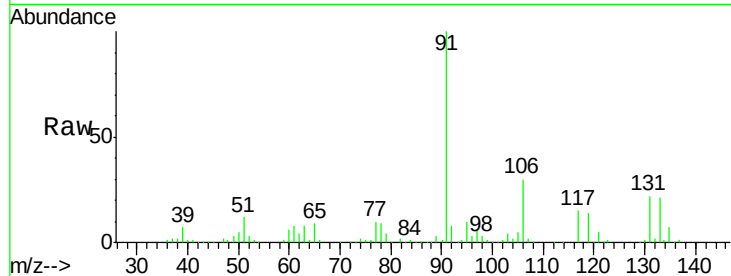




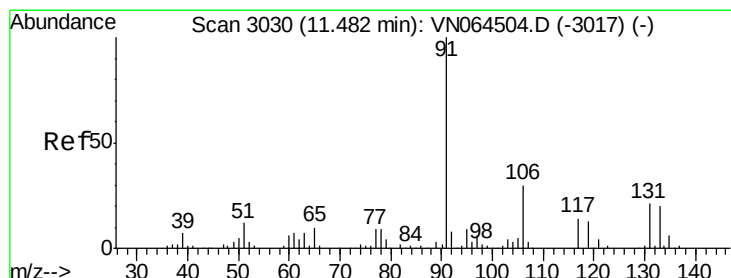
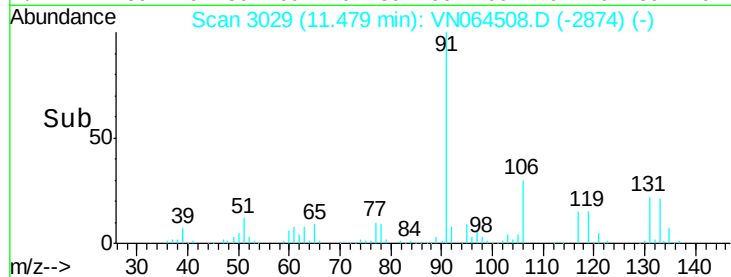
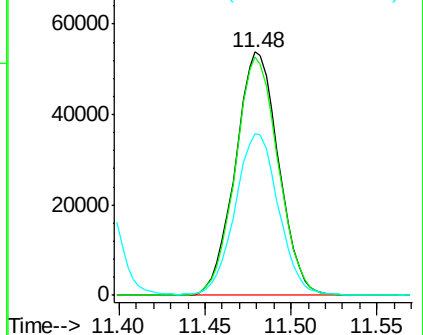
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.508 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:131 Resp: 94093
 Ion Ratio Lower Upper
 131 100
 133 96.9 0.0 191.2
 119 66.6 0.0 131.6

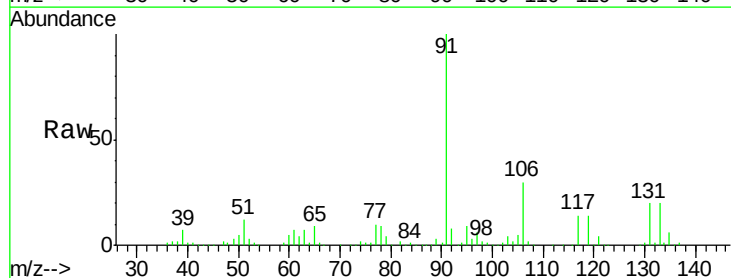


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

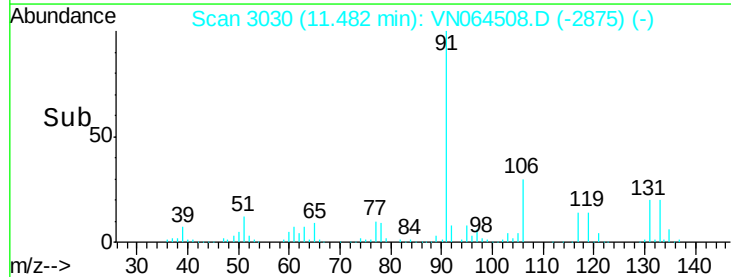
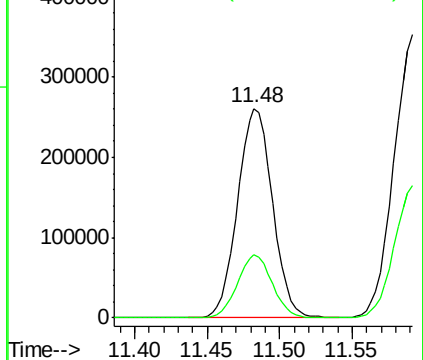


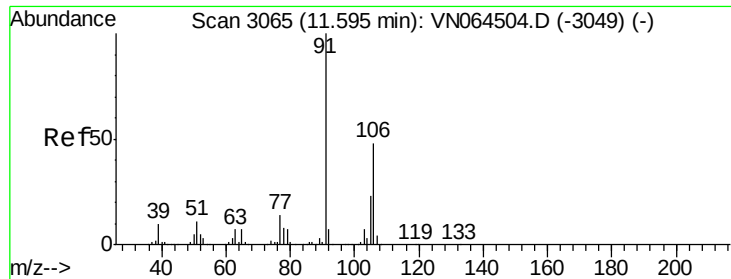
#66
 Ethyl Benzene
 Concen: 19.532 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 91 Resp: 437562
 Ion Ratio Lower Upper
 91 100
 106 30.2 23.9 35.9



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

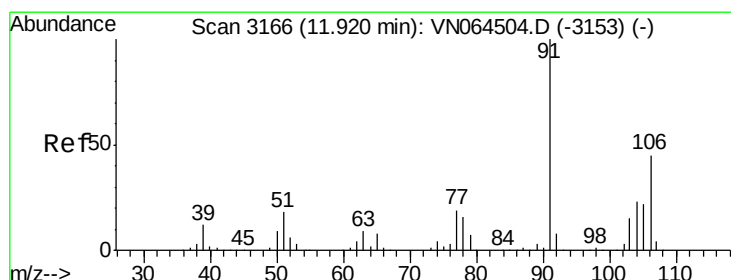
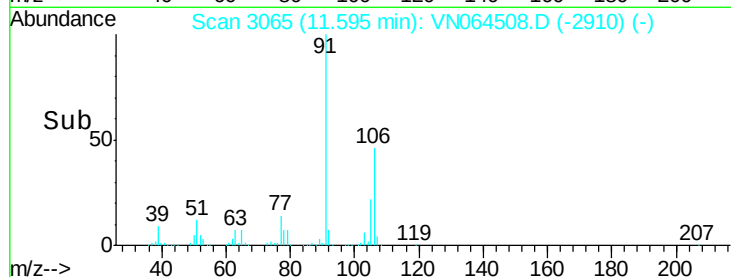
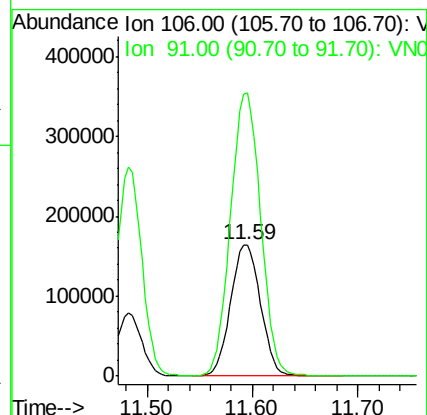
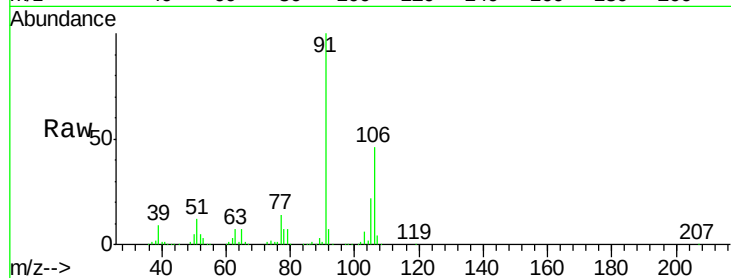




#67
m/p-Xylenes
Concen: 39.194 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

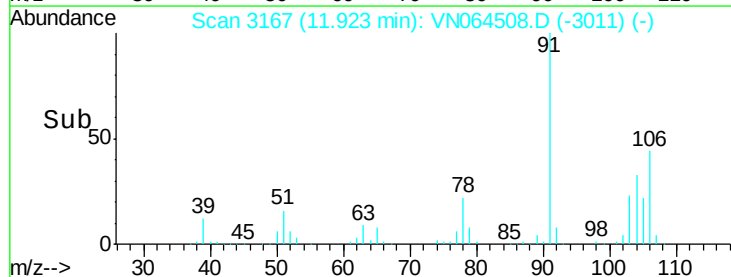
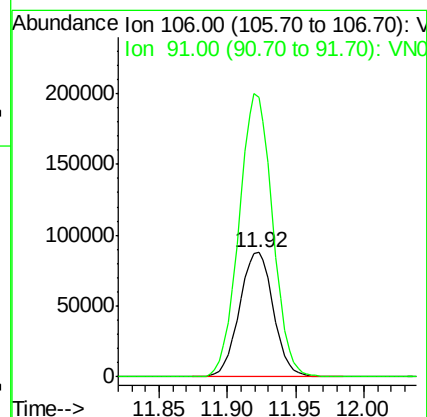
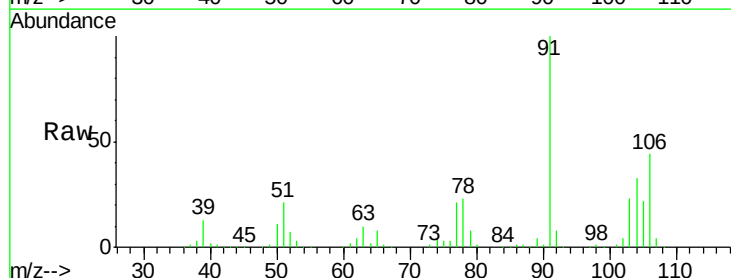
Instrument :
MSVOA_N
ClientSampled :

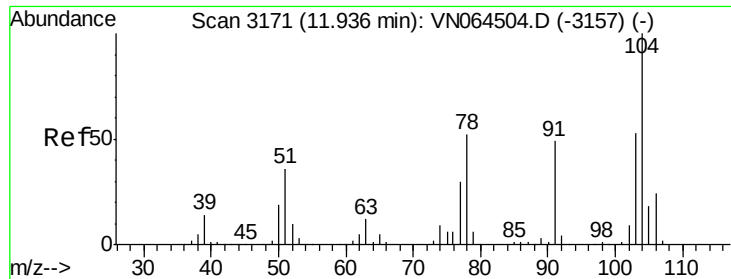
Tot Ion:106 Resp: 324072
Ion Ratio Lower Upper
106 100
91 215.4 168.8 253.2



#68
o-Xylene
Concen: 19.377 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion:106 Resp: 151619
Ion Ratio Lower Upper
106 100
91 225.3 109.7 329.2

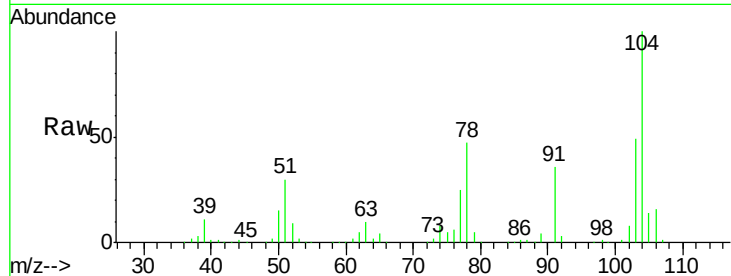




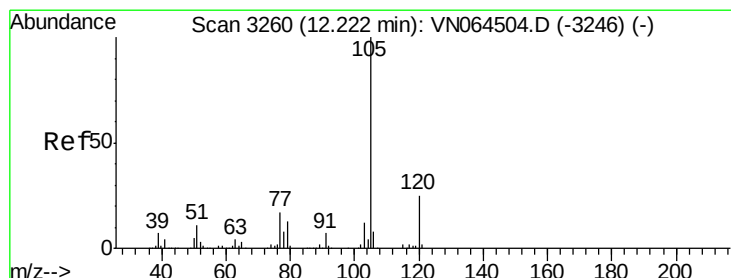
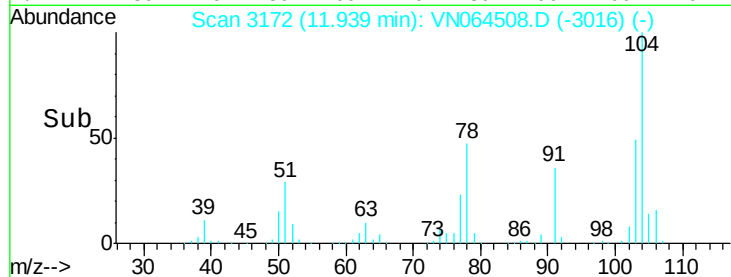
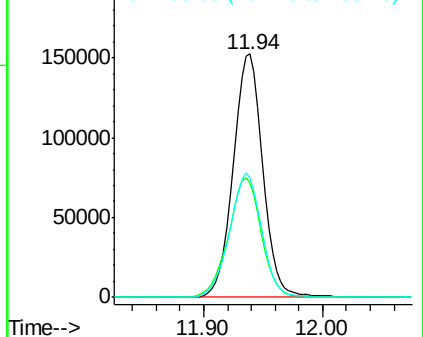
#69
Stvrene
Concen: 19.618 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:104 Resp: 262889
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 55.3 44.6 67.0

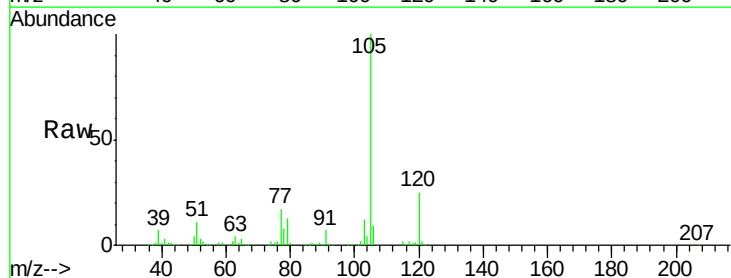


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

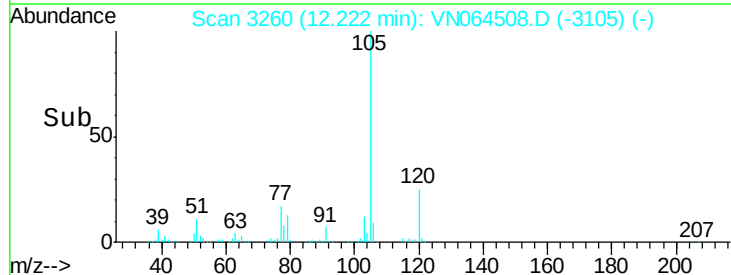
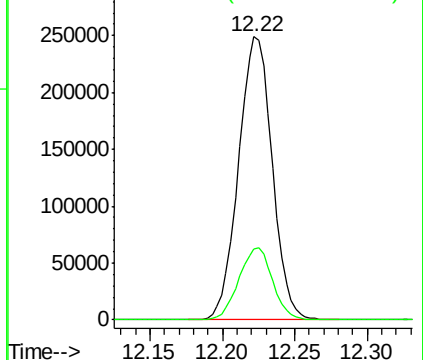


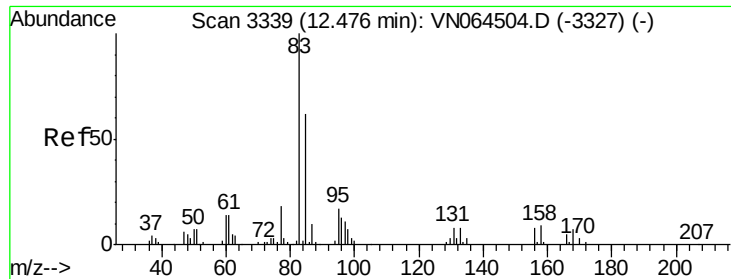
#70
Isopropylbenzene
Concen: 19.686 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion:105 Resp: 403178
Ion Ratio Lower Upper
105 100
120 25.4 17.9 33.3



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

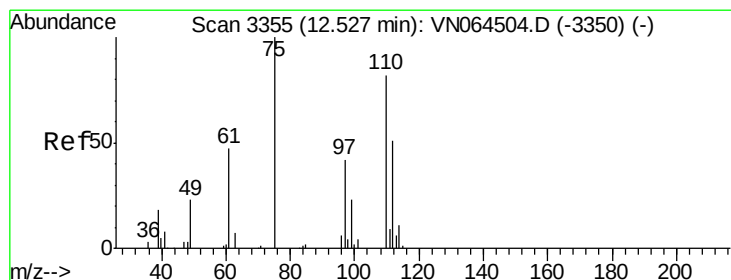
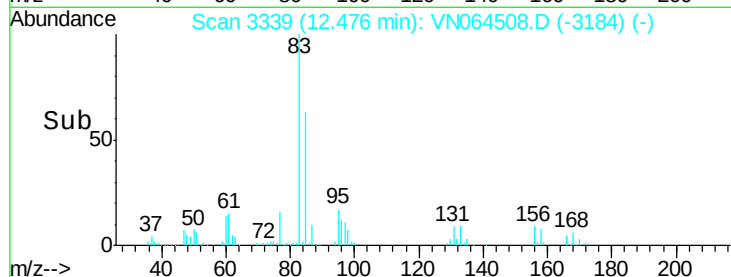
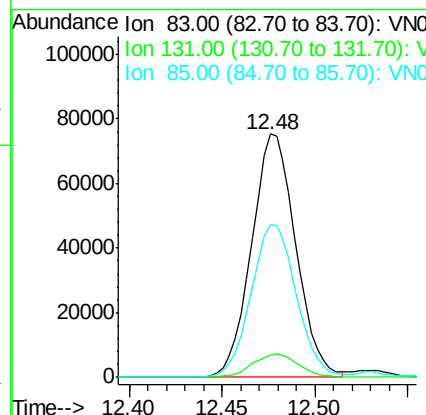
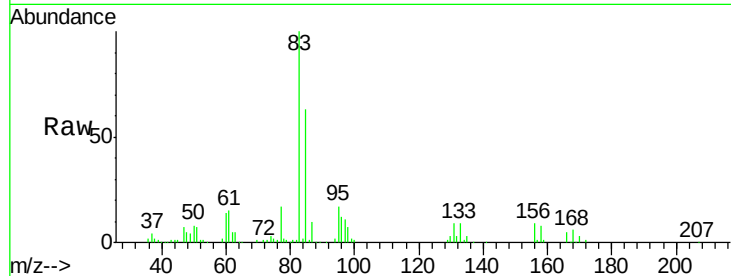




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.121 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

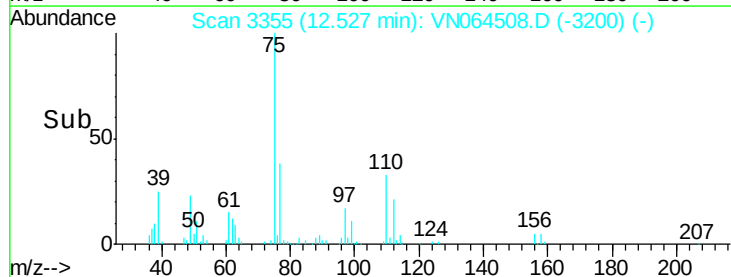
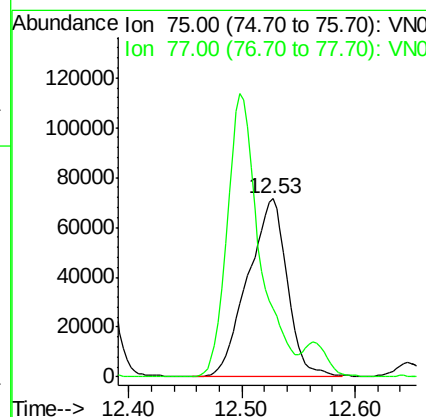
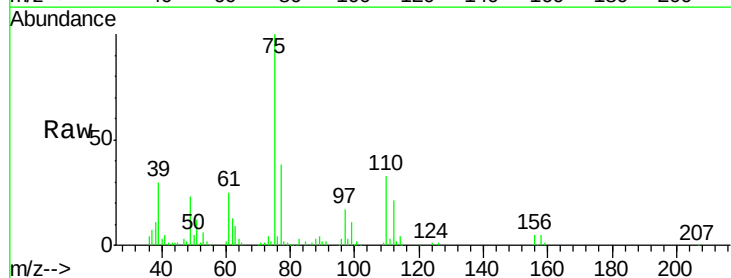
Instrument :
 MSVOA_N
 ClientSampled :

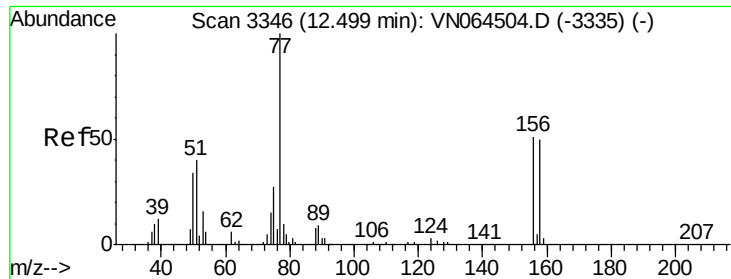
Tot Ion: 83 Resp: 125412
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.6 13.8
 85 64.4 31.4 94.0



#72
 1,2,3-Trichloropropane
 Concen: 26.541 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 75 Resp: 173604
 Ion Ratio Lower Upper
 75 100
 77 130.9 0.0 379.4

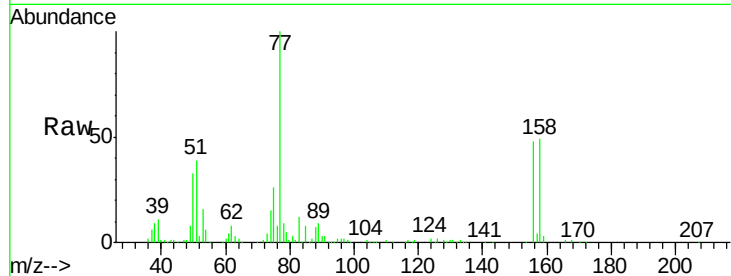




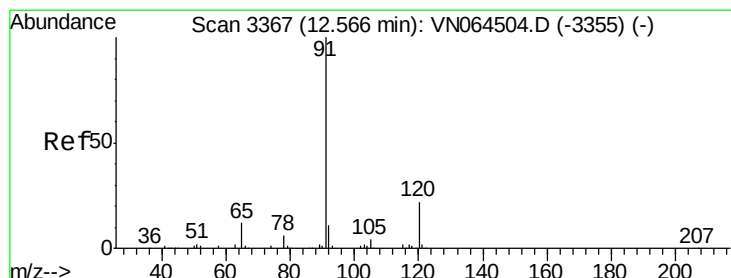
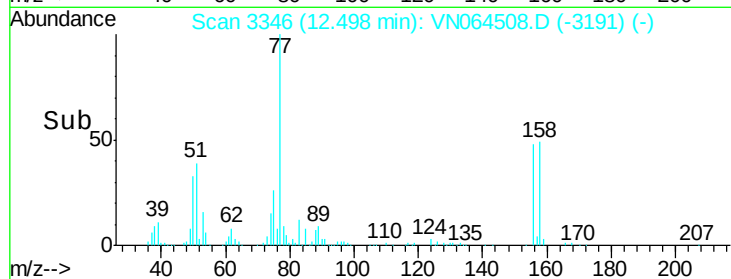
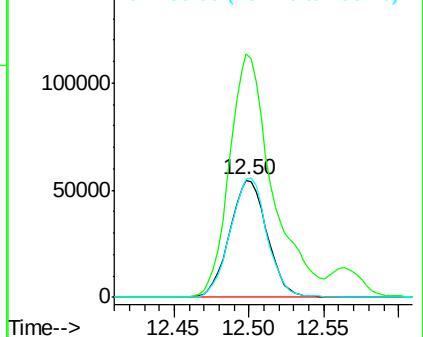
#73
Bromobenzene
Concen: 18.865 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 95576
Ion Ratio Lower Upper
156 100
77 237.8 0.0 480.2
158 99.6 0.0 194.0

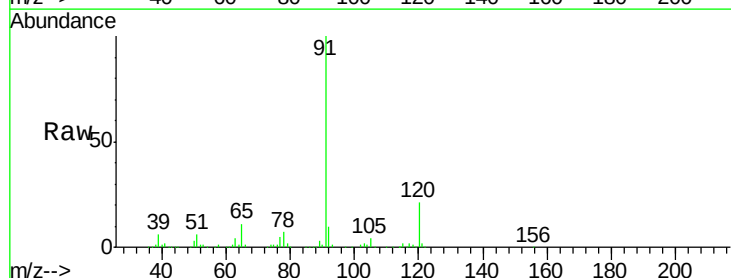


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VN
Ion 158.00 (157.70 to 158.70): V

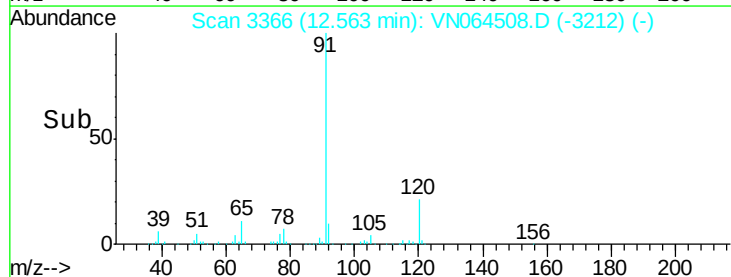
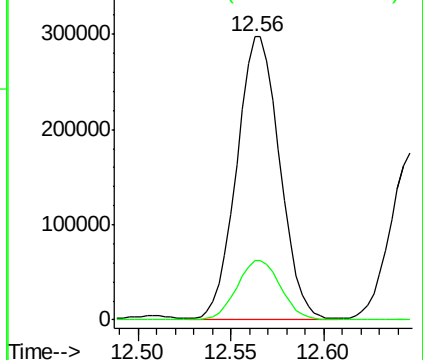


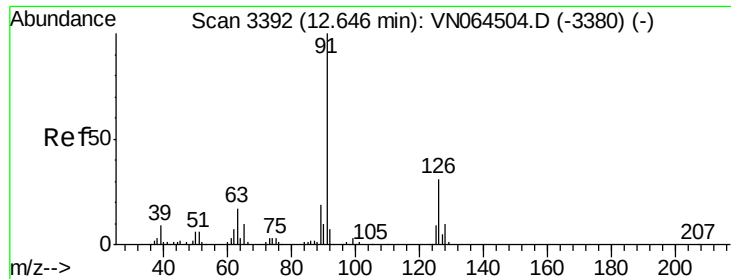
#74
n-propylbenzene
Concen: 19.924 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 91 Resp: 479964
Ion Ratio Lower Upper
91 100
120 21.2 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.712 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

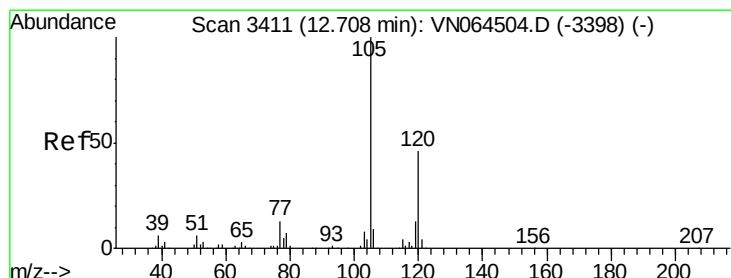
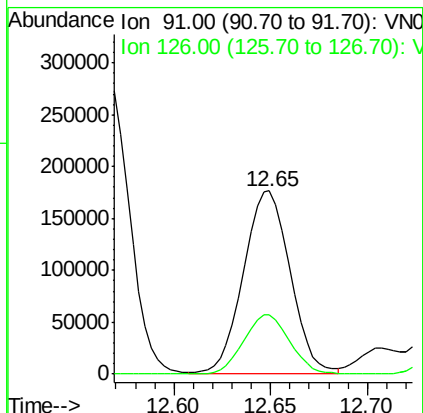
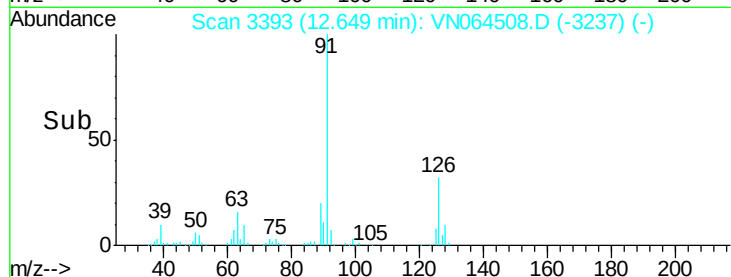
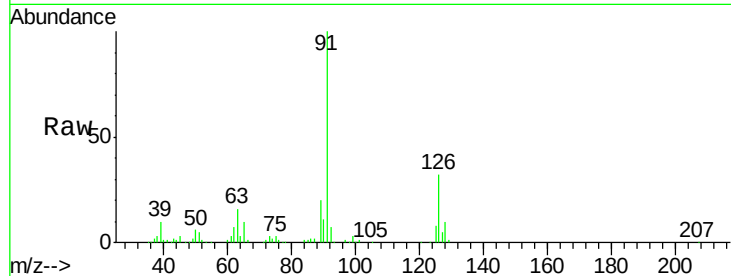
ClientSampled :

Tot Ion: 91 Resp: 298568

Ion Ratio Lower Upper

91 100

126 31.9 0.0 61.8



#76

1,3,5-Trimethylbenzene

Concen: 19.682 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064508.D

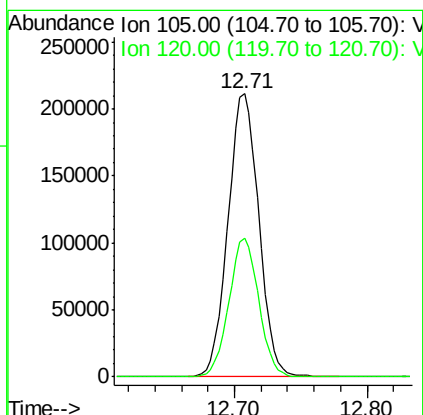
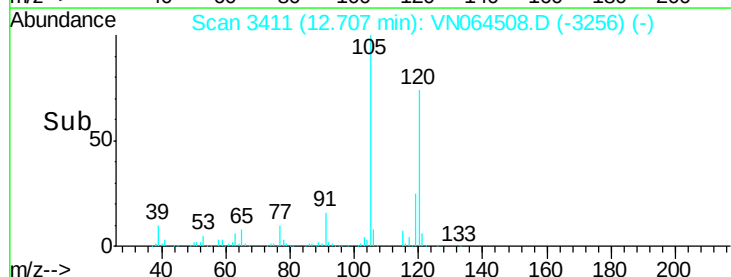
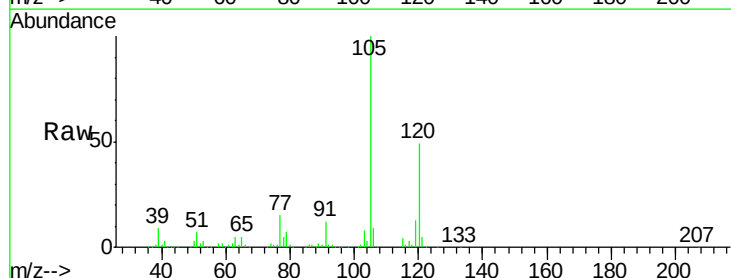
Acq: 9 Nov 2020 15:35

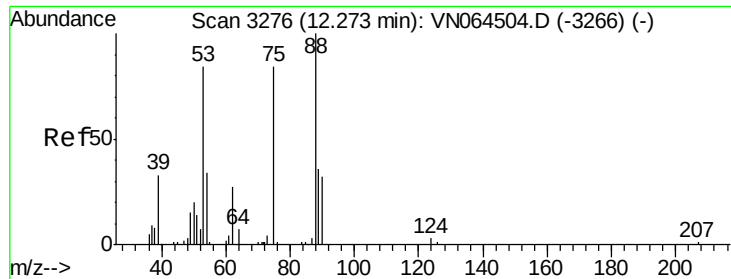
Tgt Ion: 105 Resp: 340280

Ion Ratio Lower Upper

105 100

120 47.3 0.0 90.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.334 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

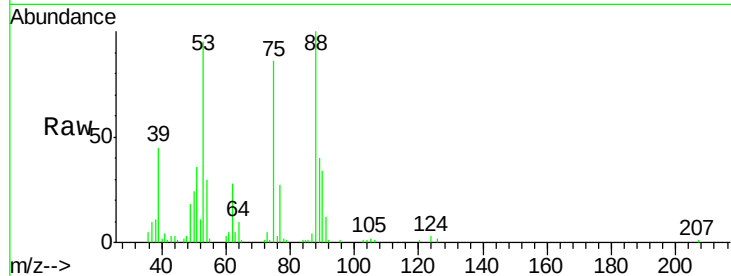
Tot Ion: 75 Resp: 41340

Ion Ratio Lower Upper

75 100

53 109.5 50.3 150.9

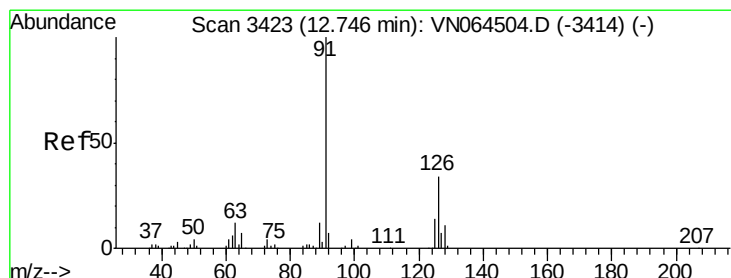
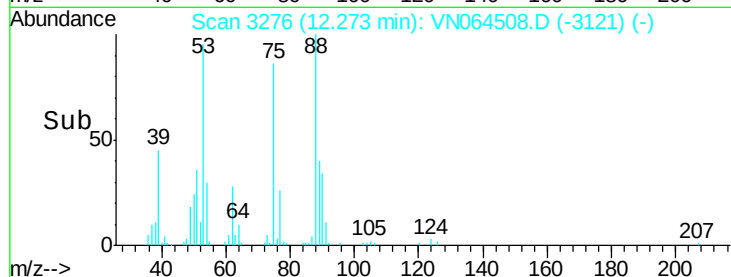
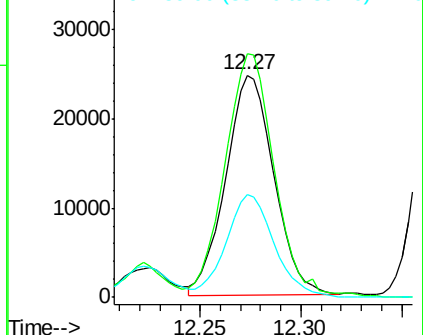
89 47.2 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.550 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064508.D

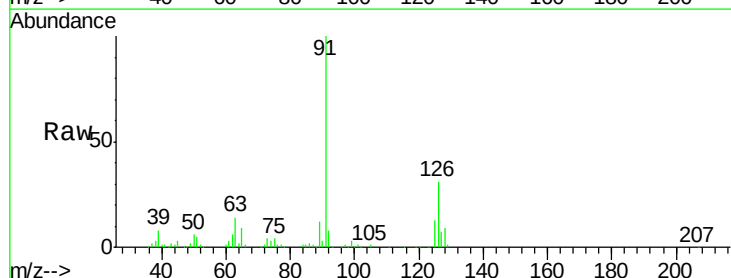
Acq: 9 Nov 2020 15:35

Tgt Ion: 91 Resp: 311144

Ion Ratio Lower Upper

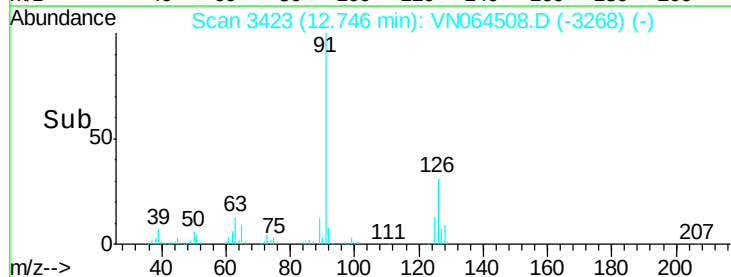
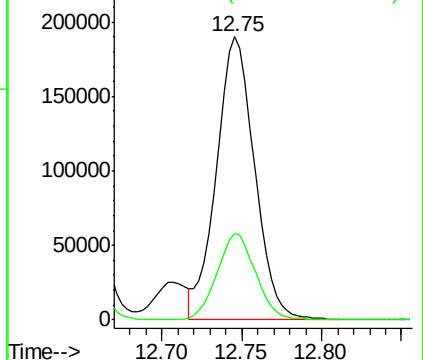
91 100

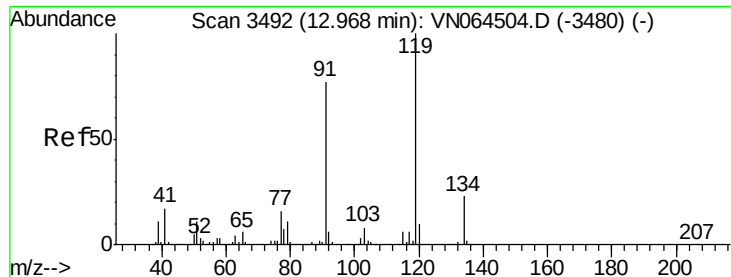
126 30.8 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

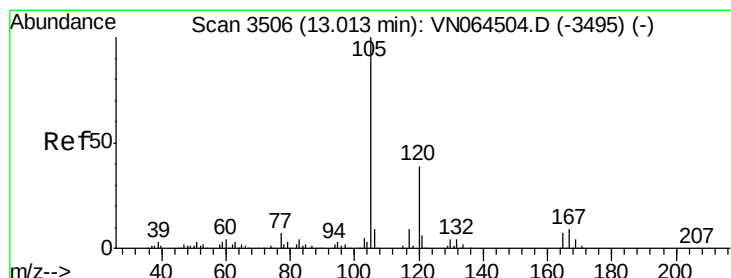
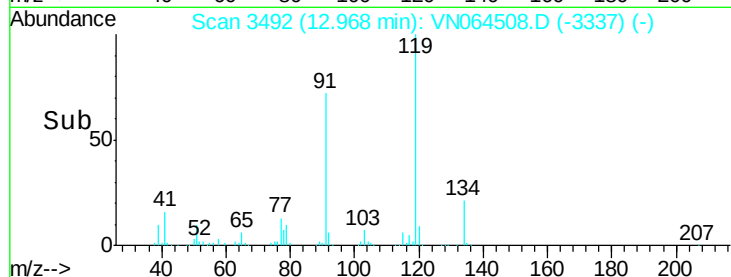
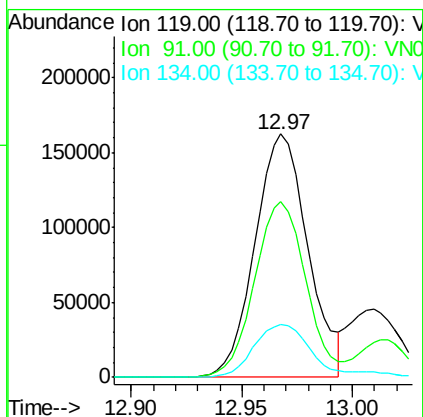
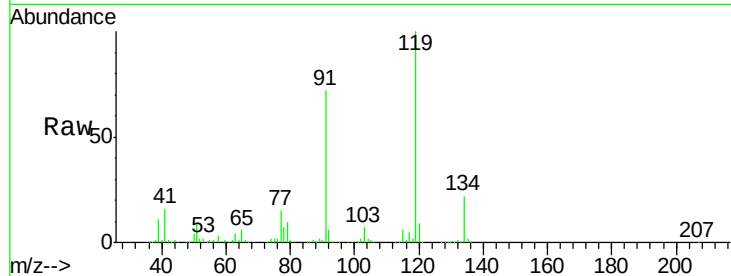




#79
tert-butylbenzene
Concen: 19.914 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

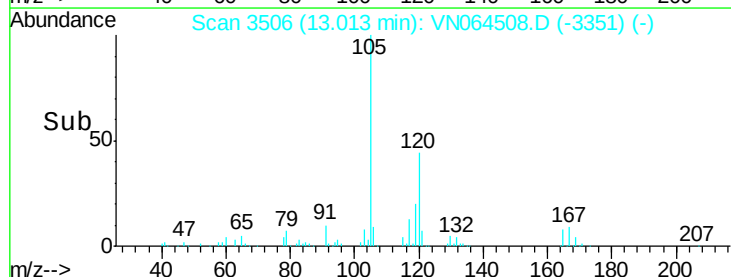
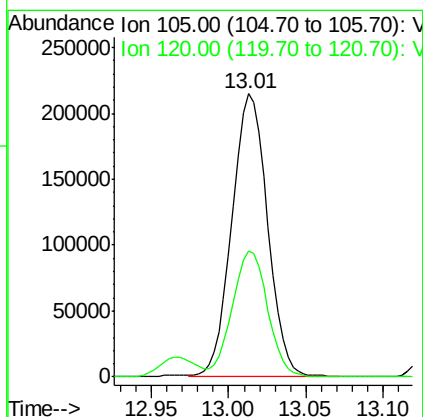
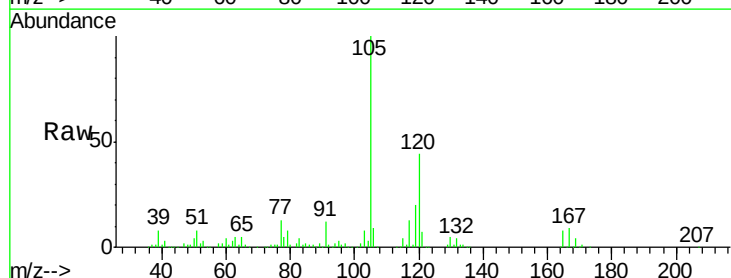
Instrument :
MSVOA_N
ClientSampled :

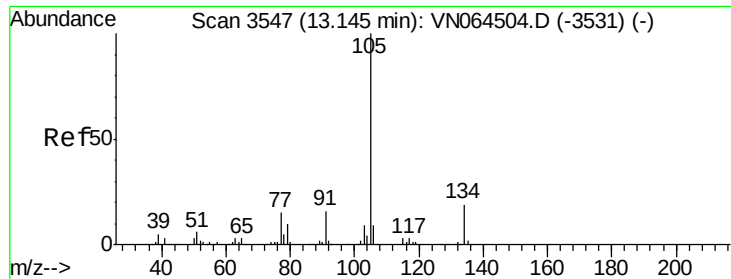
Tot Ion:119 Resp: 270200
Ion Ratio Lower Upper
119 100
91 70.0 0.0 147.8
134 22.7 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 19.643 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion:105 Resp: 342240
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.6





#81

sec-Butylbenzene

Concen: 19.648 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

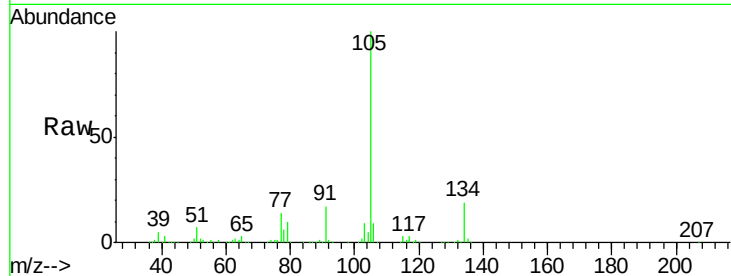
ClientSampled :

Tot Ion:105 Resp: 353371

Ion Ratio Lower Upper

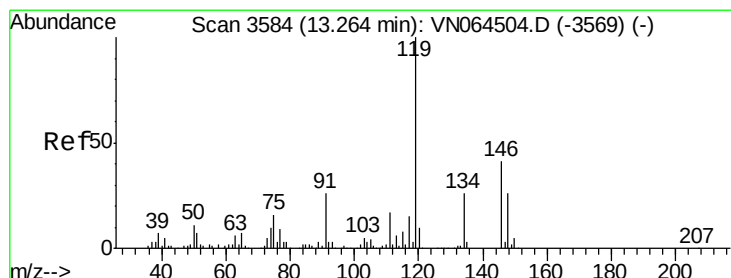
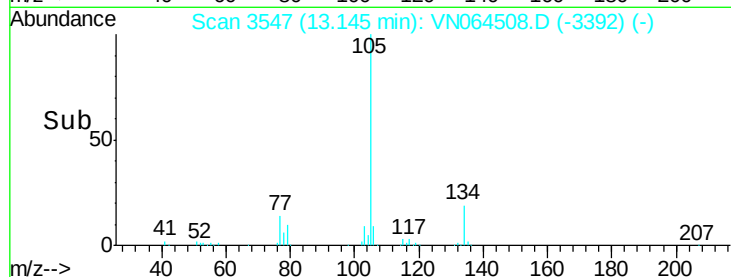
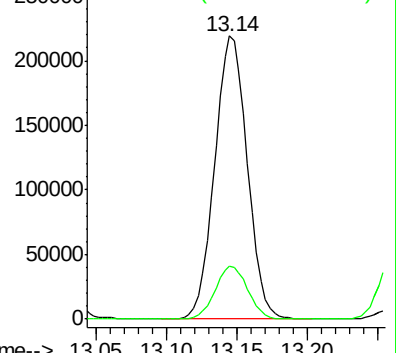
105 100

134 18.7 0.0 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.503 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

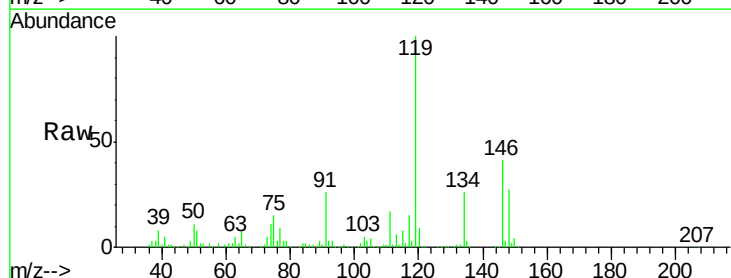
Tgt Ion:119 Resp: 313369

Ion Ratio Lower Upper

119 100

134 26.3 0.0 53.0

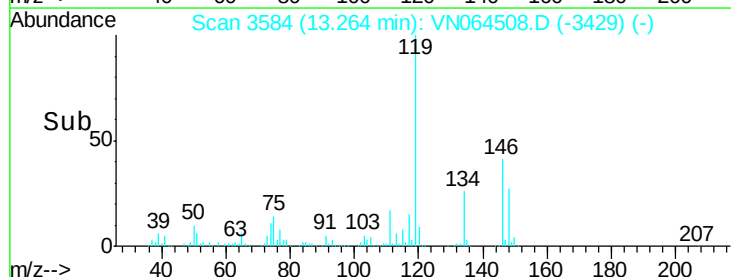
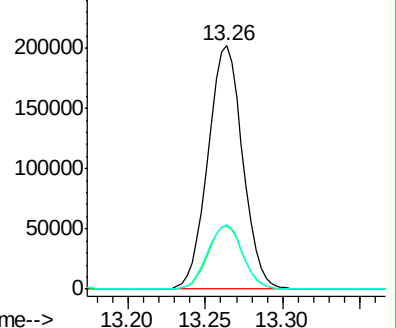
91 27.2 0.0 53.2

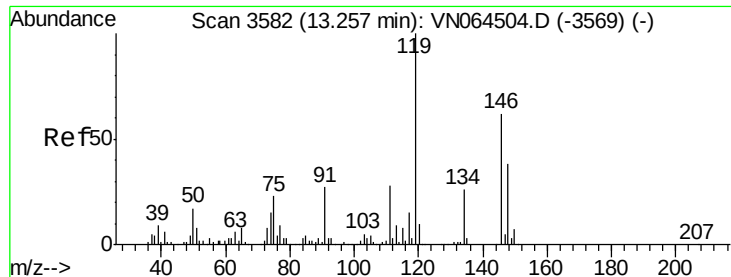


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.312 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampled :

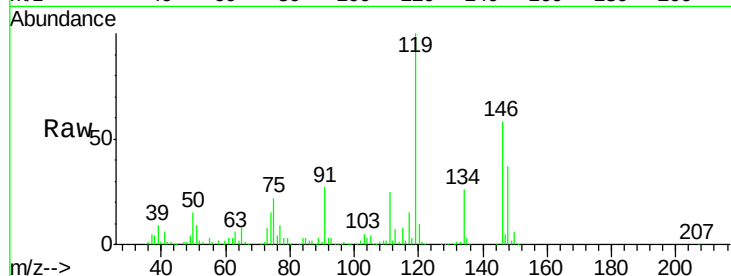
Tot Ion:146 Resp: 172121

Ion Ratio Lower Upper

146 100

111 43.2 22.3 66.9

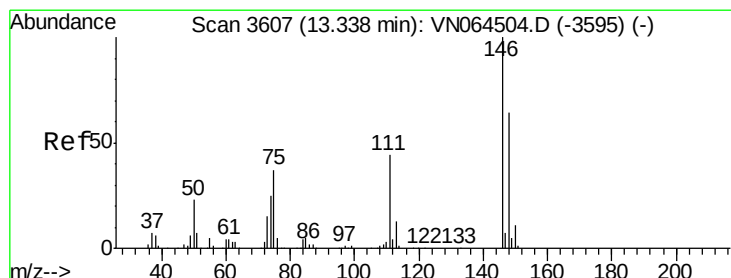
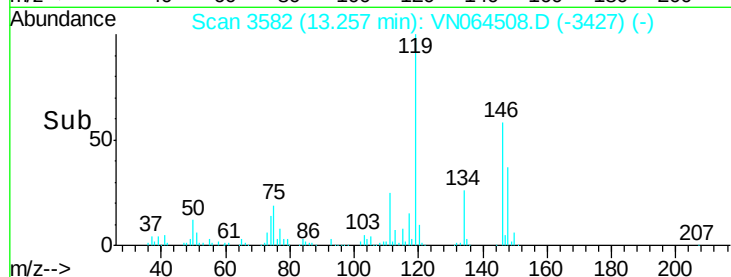
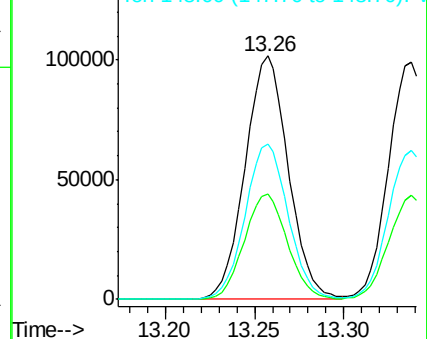
148 63.7 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.056 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

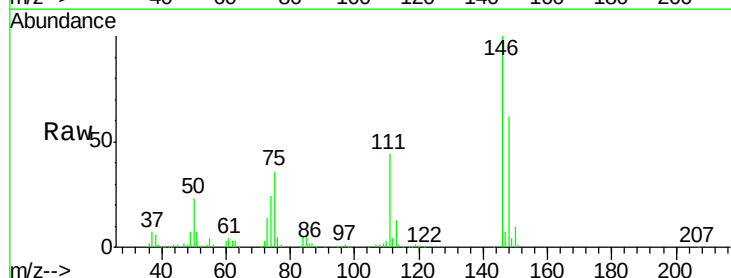
Tgt Ion:146 Resp: 168922

Ion Ratio Lower Upper

146 100

111 42.3 21.8 65.4

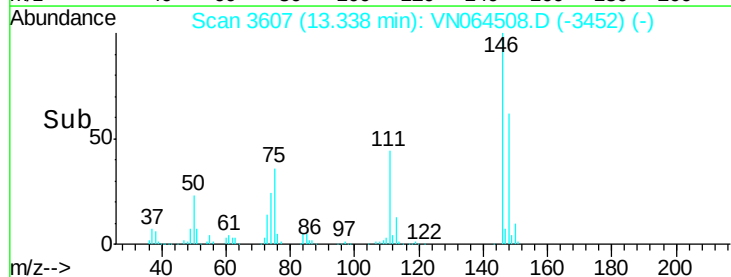
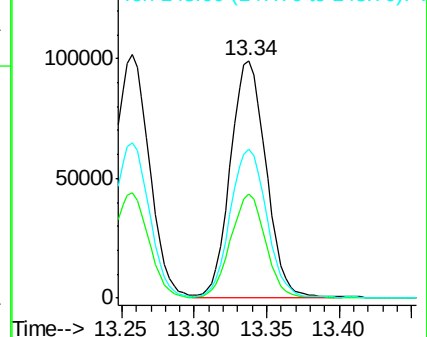
148 64.7 31.5 94.5

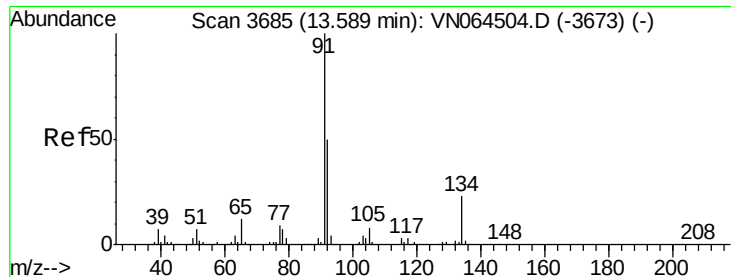


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 19.685 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampled :

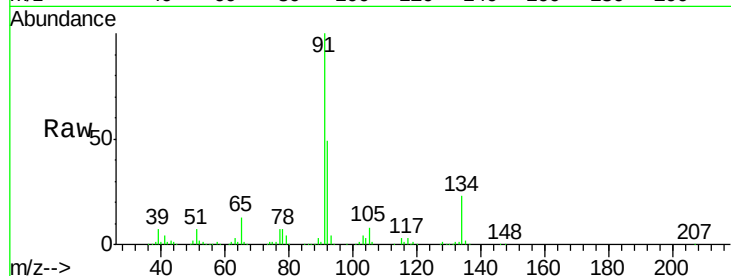
Tot Ion: 91 Resp: 274218

Ion Ratio Lower Upper

91 100

92 49.5 0.0 101.4

134 22.8 0.0 45.2

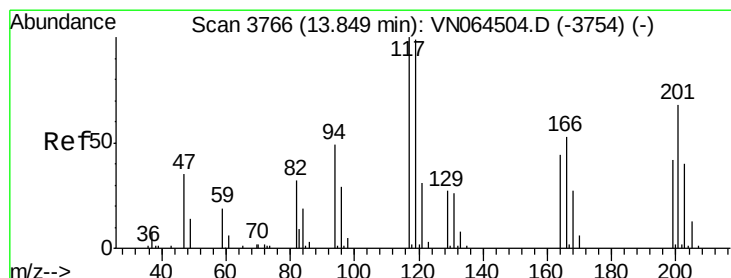
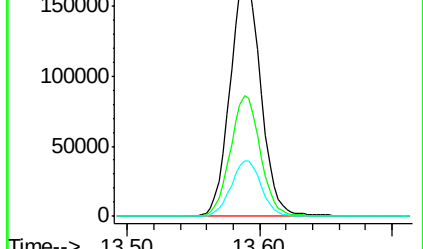
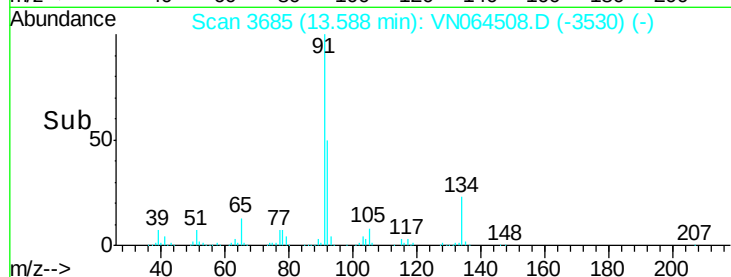


Abundance Ion 91.00 (90.70 to 91.70): VN064508.D (-3673) (-)

Ion 92.00 (91.70 to 92.70): VN064508.D (-3673) (-)

Ion 134.00 (133.70 to 134.70): VN064508.D (-3673) (-)

Time--> 13.50 13.60



#86

Hexachloroethane

Concen: 18.946 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064508.D

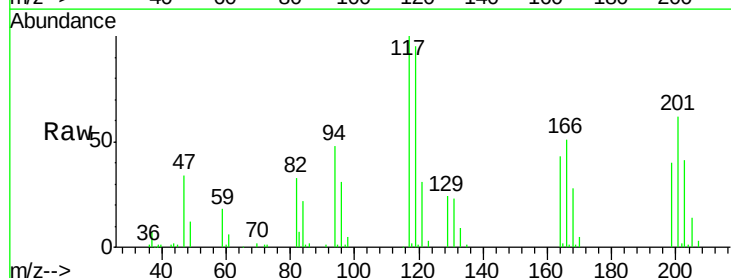
Acq: 9 Nov 2020 15:35

Tgt Ion: 117 Resp: 60661

Ion Ratio Lower Upper

117 100

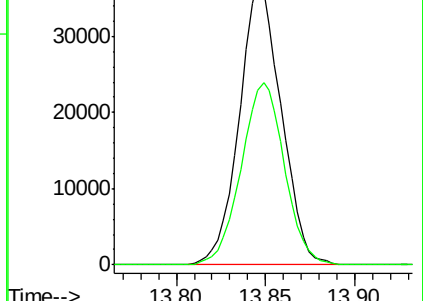
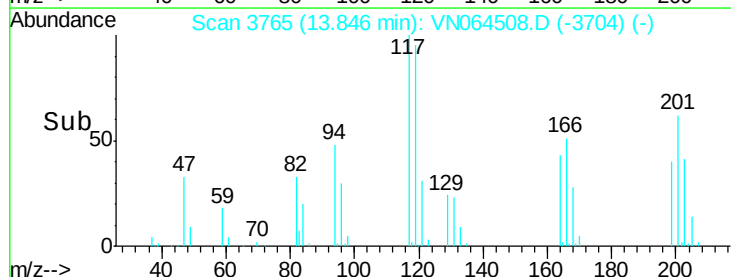
201 66.9 33.1 99.3

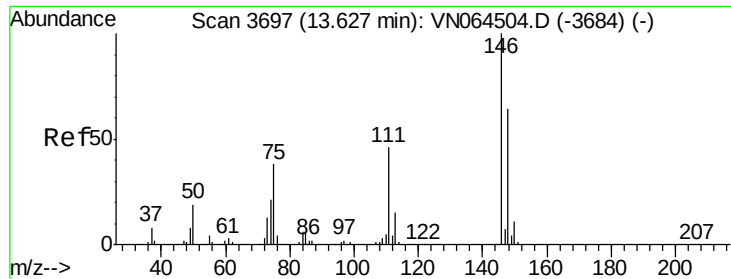


Abundance Ion 117.00 (116.70 to 117.70): VN064508.D (-3754) (-)

Ion 201.00 (200.70 to 201.70): VN064508.D (-3754) (-)

Time--> 13.80 13.85 13.90

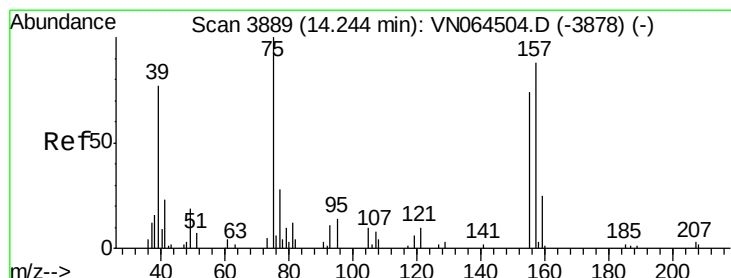
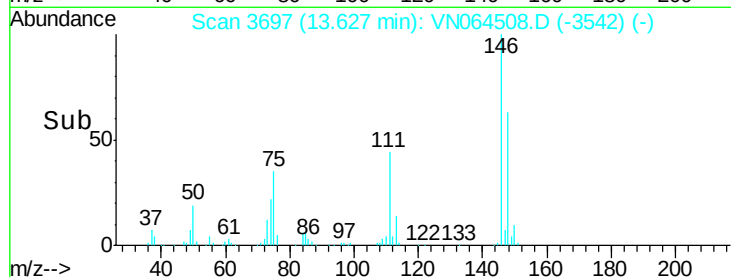
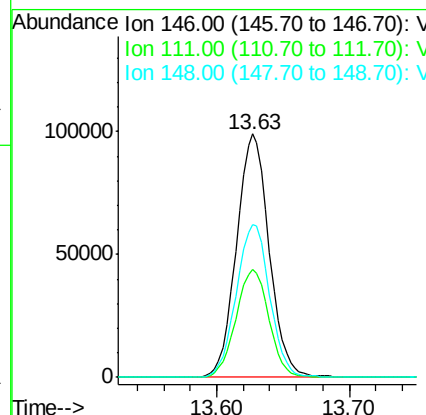
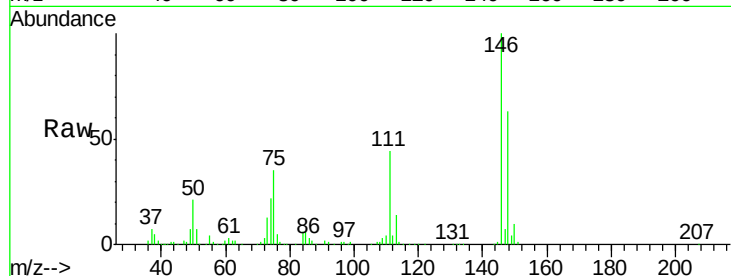




#87
 1,2-Dichlorobenzene
 Concen: 19.505 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

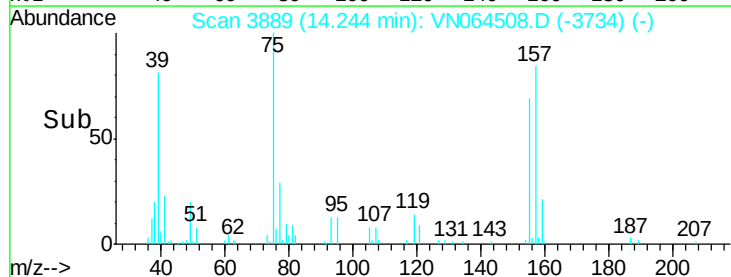
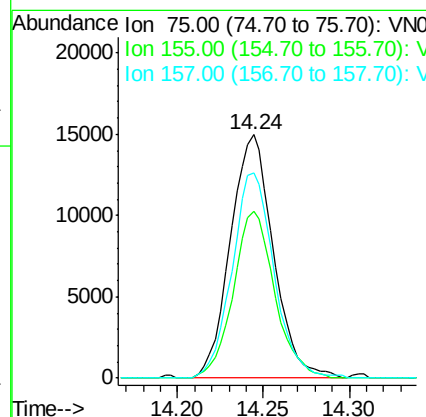
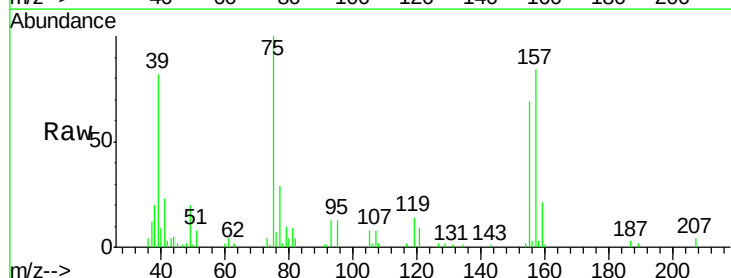
Instrument :
 MSVOA_N
 ClientSampled :

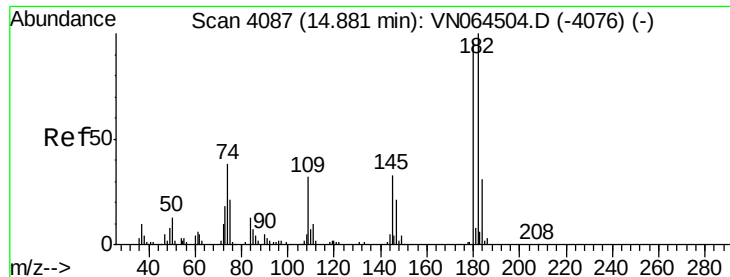
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	23.1	69.2
148	64.3	32.6	97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.430 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.9	56.5	84.7
157	82.5	69.7	104.5

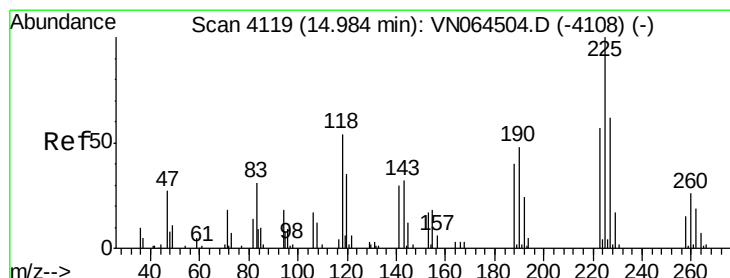
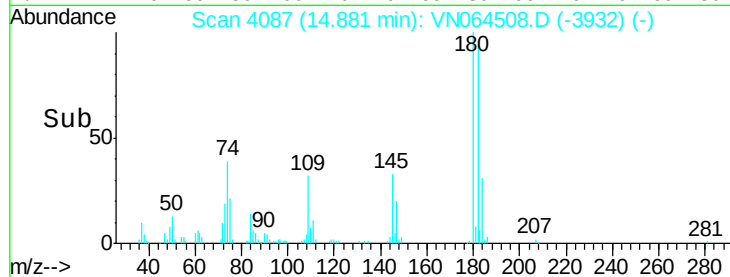
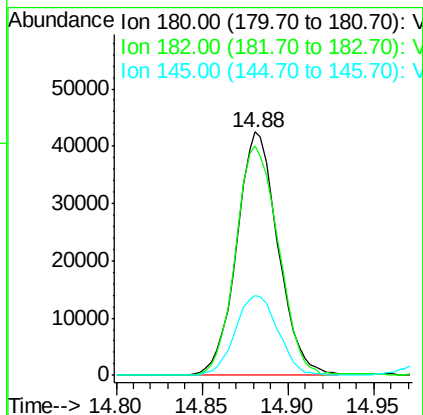
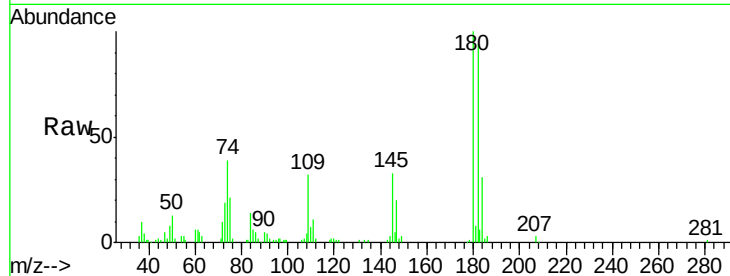




#89
 1,2,4-Trichlorobenzene
 Concen: 18.040 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

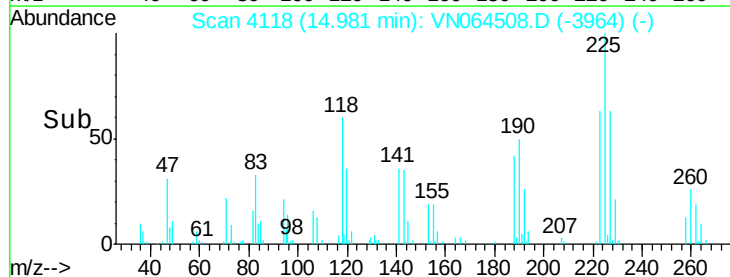
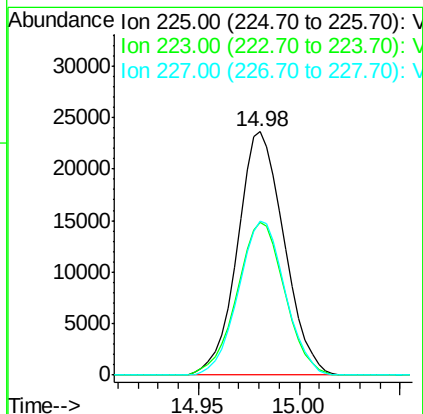
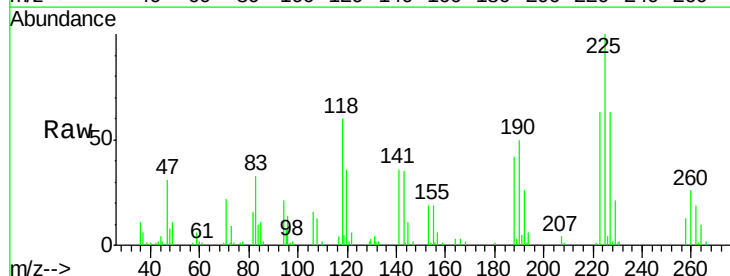
Instrument :
 MSVOA_N
 ClientSampled :

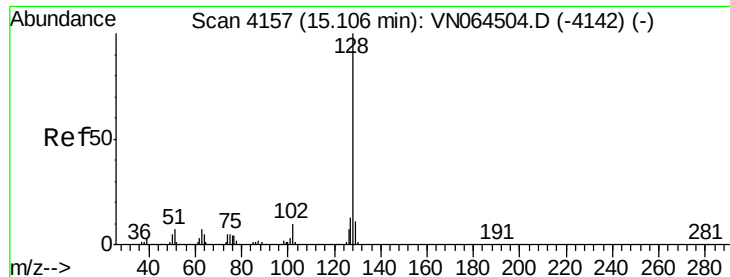
Tot Ion:180 Resp: 71101
 Ion Ratio Lower Upper
 180 100
 182 96.9 79.4 119.0
 145 34.1 27.6 41.4



#90
 Hexachlorobutadiene
 Concen: 19.455 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion:225 Resp: 38192
 Ion Ratio Lower Upper
 225 100
 223 64.2 0.0 125.4
 227 63.3 0.0 122.0

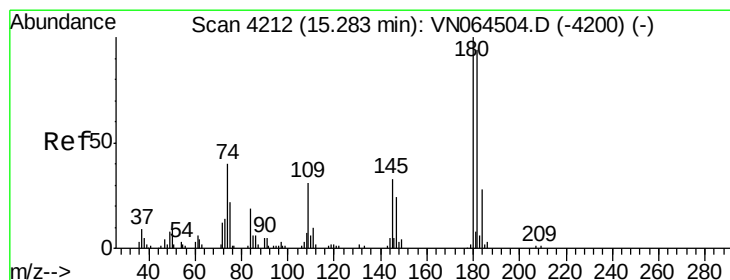
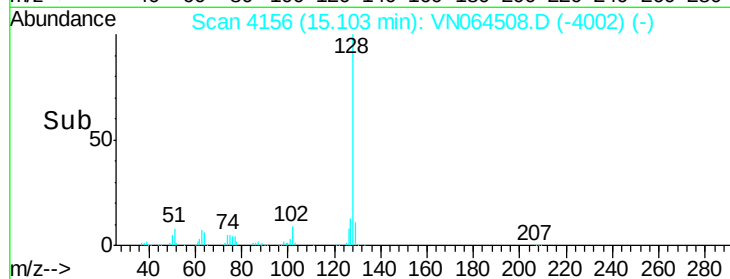
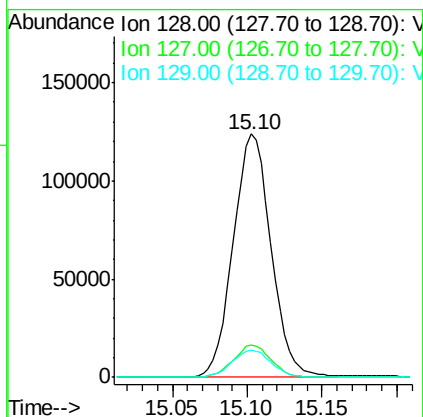
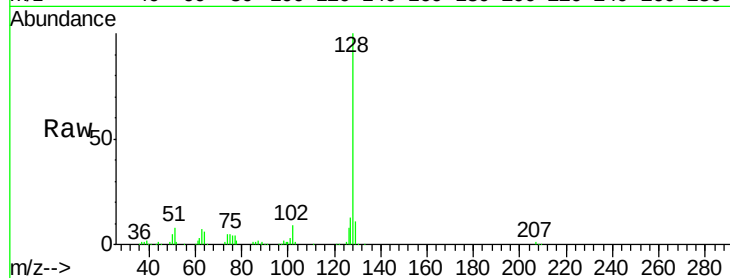




#91
Naphthalene
Concen: 16.784 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 218832
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.6 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 18.350 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion:180 Resp: 73195
Ion Ratio Lower Upper
180 100
182 98.1 0.0 186.0
145 35.5 0.0 69.6

