

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064506.D
 Acq On : 9 Nov 2020 12:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 12:56:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 12:16:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	70756	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	381977	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	365494	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	181682	31.09	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.63%
60) 4-Bromofluorobenzene	12.38	95	191061	30.73	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.43%
63) Toluene-d8	10.06	98	503447	30.41	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	494508	108.617	ug/l 97
3) Chloromethane	2.04	50	561777	116.626	ug/l 98
4) Vinyl Chloride	2.17	62	609491	121.767	ug/l 98
5) Bromomethane	2.52	94	375209	114.308	ug/l 95
6) Chloroethane	2.67	64	375545	126.287	ug/l 99
7) Trichlorofluoromethane	2.98	101	848144	105.321	ug/l 95
8) Diethyl Ether	3.37	74	310131	120.431	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	404147	101.077	ug/l 51
10) 1,1-Dichloroethene	3.69	96	391588	102.711	ug/l 98
11) Methyl Iodide	3.91	142	524284	104.119	ug/l 98
12) Methyl Acetate	4.28	43	497635	121.258	ug/l 97
13) Acrolein	3.57	56	255677	658.021	ug/l 99
14) Acrylonitrile	4.94	53	1118320	612.529	ug/l 100
15) Acetone	3.78	58	335959	533.387	ug/l 97
16) Carbon Disulfide	4.01	76	1193641	108.774	ug/l 98
17) Allyl chloride	4.27	41	777326	114.792	ug/l 100
18) Methylene Chloride	4.50	84	463984	104.746	ug/l 93
19) trans-1,2-Dichloroethene	4.99	96	450688	107.169	ug/l 99
20) Diisopropyl ether	5.91	45	1708586	118.721	ug/l 95
21) 1,1-Dichloroethane	5.80	63	897053	110.450	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	525380	107.097	ug/l 94
23) tert-Butyl Alcohol	4.75	59	380748	557.303	ug/l # 100
24) Methyl tert-Butyl Ether	5.00	73	1467862	108.628	ug/l # 73
25) Chloroform	7.33	83	937160	107.629	ug/l 99
26) Cyclohexane	7.61	56	734737	114.569	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	699636	112.019	ug/l 100
30) 2-Butanone	6.79	43	1729717	605.414	ug/l # 81
31) 2,2-Dichloropropane	6.78	77	824552	108.502	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	844524	105.114	ug/l 97
33) Carbon Tetrachloride	7.73	117	758665	104.942	ug/l 98
34) Benzene	8.00	78	2026503	114.835	ug/l # 88
35) Methacrylonitrile	7.13	41	360054	129.348	ug/l 95
36) 1,2-Dichloroethane	8.09	62	798372	109.672	ug/l 99
37) Trichloroethene	8.80	130	502142	103.166	ug/l 99
38) Methylcyclohexane	9.05	83	657980	117.198	ug/l 99
39) 1,2-Dichloropropane	9.08	63	542849	118.349	ug/l 100
40) Dibromomethane	9.17	93	362546	110.777	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	793013	114.298	ug/l	99
42) Vinyl Acetate	5.85	43	7244031	605.779	ug/l	99
43) Ethyl Acetate	6.89	43	692637	124.819	ug/l	98
44) Isopropyl Acetate	8.13	43	1190587	122.688	ug/l	96
45) 1,4-Dioxane	9.17	88	164094	2367.000	ug/l	99
46) Methyl methacrylate	9.17	41	618805	129.048	ug/l	95
47) n-amyl Acetate	12.04	43	1118894	135.242	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	881355	115.787	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	911312	115.798	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	501221	114.285	ug/l	98
51) Ethyl methacrylate	10.40	69	791829	125.948	ug/l	96
52) 1,3-Dichloropropane	10.68	76	874048	118.326	ug/l	99
53) Dibromochloromethane	10.87	129	588856	110.003	ug/l	100
54) 1,2-Dibromoethane	10.98	107	529094	113.881	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	2002912	584.837	ug/l	99
56) Bromoform	12.10	173	395513	105.284	ug/l	97
58) 4-Methyl-2-Pentanone	9.96	43	3616293	610.506	ug/l	98
59) 2-Hexanone	10.72	43	2748279	625.215	ug/l	97
61) Tetrachloroethene	10.60	164	462195	94.880	ug/l	99
62) Toluene	10.13	91	2254169	109.385	ug/l	99
64) Chlorobenzene	11.41	112	1351355	105.870	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	531802	107.470	ug/l	98
66) Ethyl Benzene	11.48	91	2544171	113.093	ug/l	99
67) m/p-Xylenes	11.59	106	1871545	221.015	ug/l	99
68) o-Xylene	11.92	106	897527	110.529	ug/l	97
69) Styrene	11.94	104	1569635	115.157	ug/l	98
70) Isopropylbenzene	12.22	105	2357175	111.979	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	722053	120.147	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	1029552	166.267	ug/l	59
73) Bromobenzene	12.50	156	565805	104.943	ug/l	98
74) n-propylbenzene	12.57	91	2769554	118.467	ug/l	99
75) 2-Chlorotoluene	12.65	91	1697889	114.821	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	1987602	113.602	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	278797	126.583	ug/l	99
78) 4-Chlorotoluene	12.75	91	1810208	117.870	ug/l	99
79) tert-butylbenzene	12.97	119	1574367	114.468	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	2023680	114.856	ug/l	99
81) sec-Butylbenzene	13.14	105	2077495	117.450	ug/l	100
82) p-Isopropyltoluene	13.26	119	1893398	117.133	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	1018498	109.871	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	1018303	109.637	ug/l	99
85) n-Butylbenzene	13.59	91	1656274	127.791	ug/l	98
86) Hexachloroethane	13.85	117	354473	114.887	ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	998646	112.130	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	159332	122.886	ug/l	97
89) 1,2,4-Trichlorobenzene	14.88	180	486195	113.436	ug/l	97
90) Hexachlorobutadiene	14.98	225	209168	91.730	ug/l	99
91) Naphthalene	15.10	128	1657928	127.710	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	471899	109.457	ug/l	97

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QLast Update : Mon Nov 09 12:16:00 2020
Response via : Initial Calibration

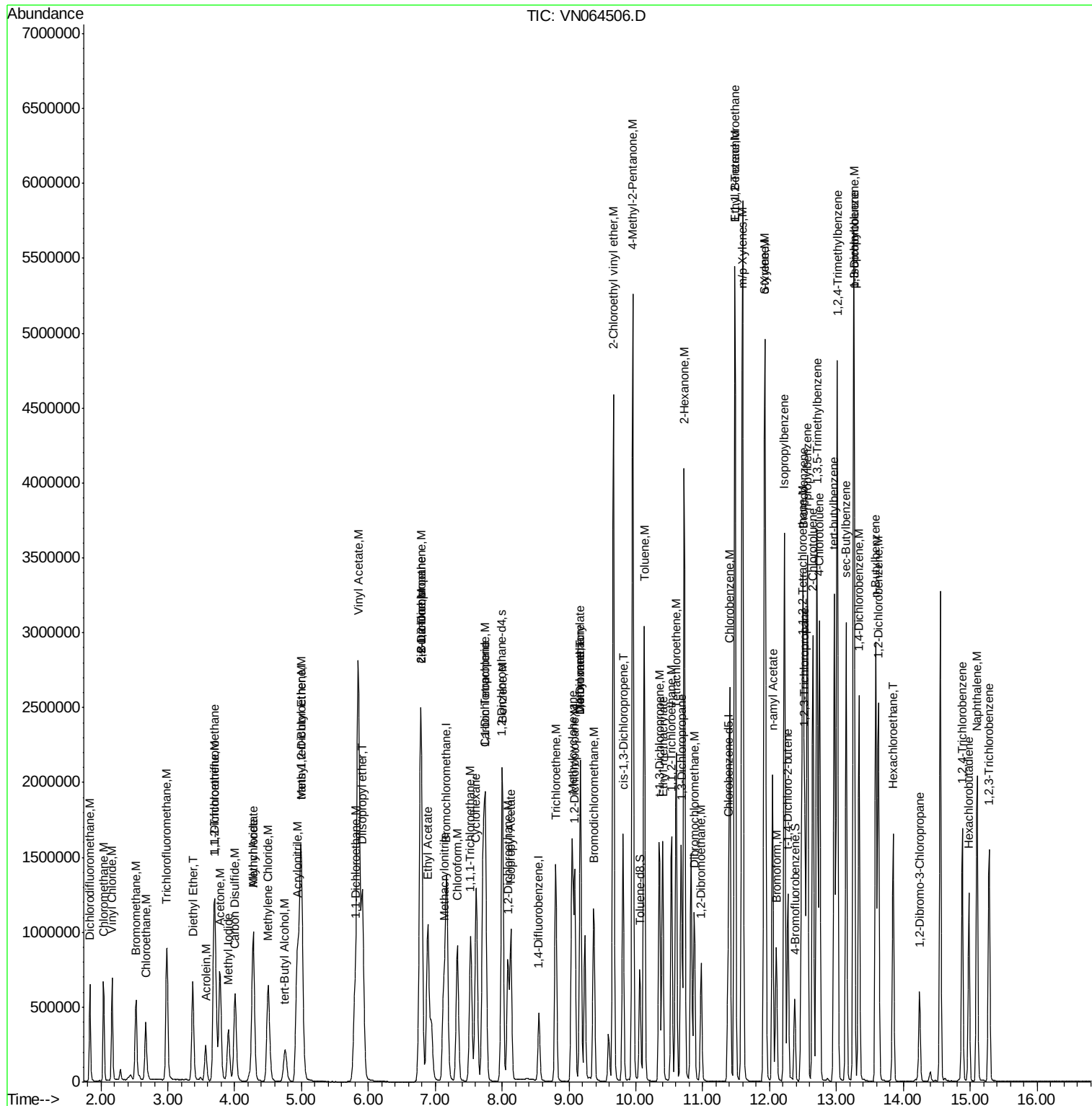
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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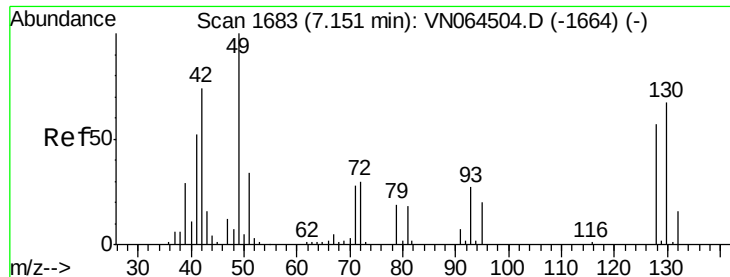
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN064506.D
Acq On : 9 Nov 2020 12:37
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Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 09 12:56:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 12:16:00 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

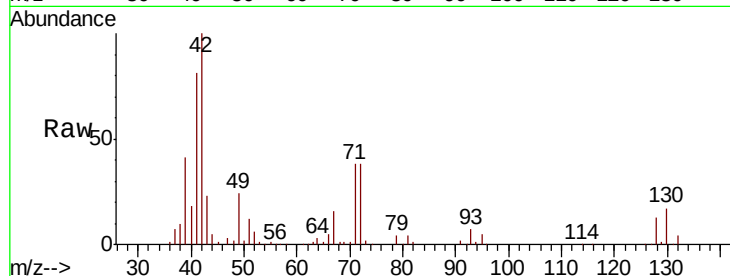
Tot Ion:128 Resp: 70756

Ion Ratio Lower Upper

128 100

49 195.7 0.0 475.5

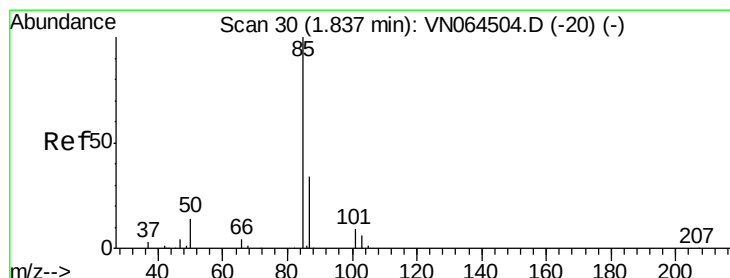
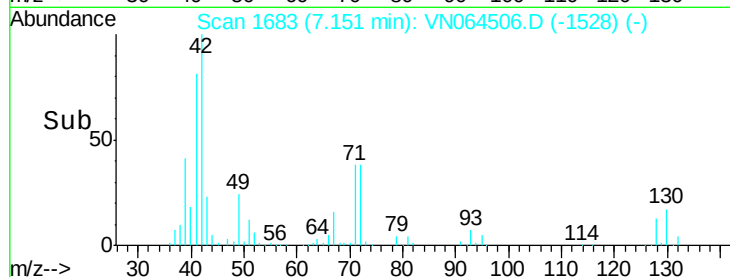
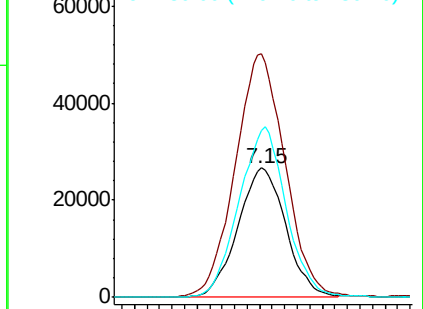
130 129.7 0.0 315.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 108.617 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064506.D

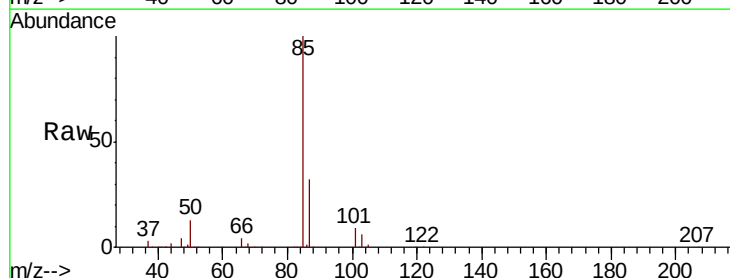
Acq: 9 Nov 2020 12:37

Tgt Ion: 85 Resp: 494508

Ion Ratio Lower Upper

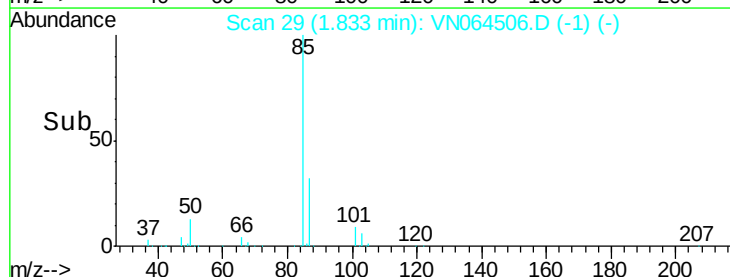
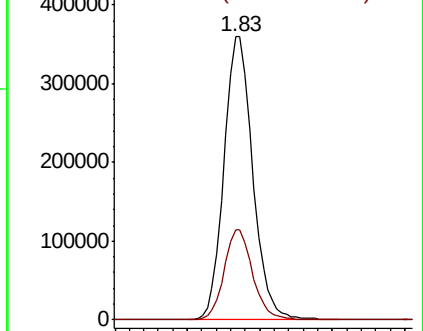
85 100

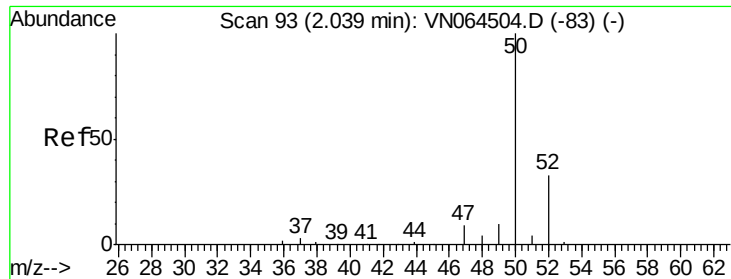
87 32.0 17.0 50.9



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 116.626 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

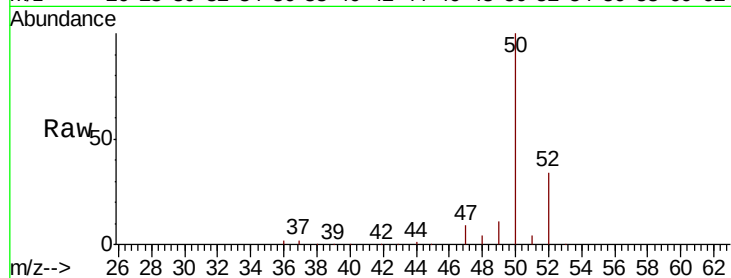
ClientSampled :

Tot Ion: 50 Resp: 561777

Ion Ratio Lower Upper

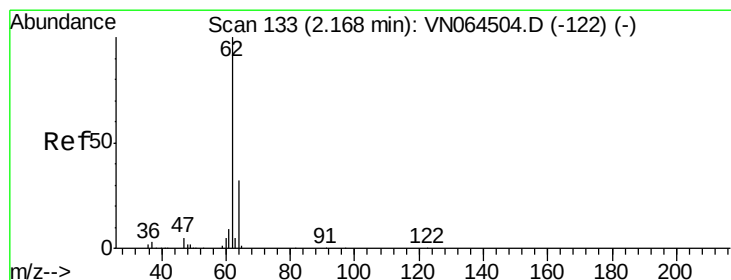
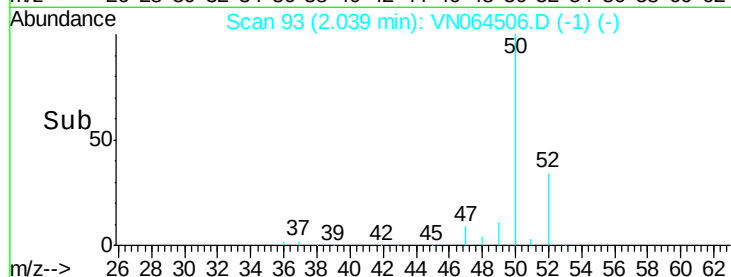
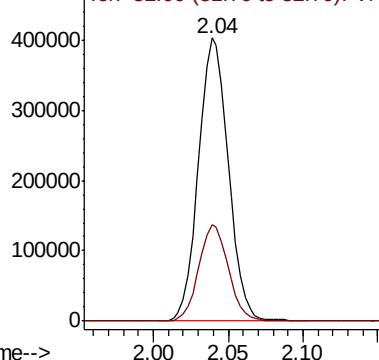
50 100

52 33.9 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 121.767 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064506.D

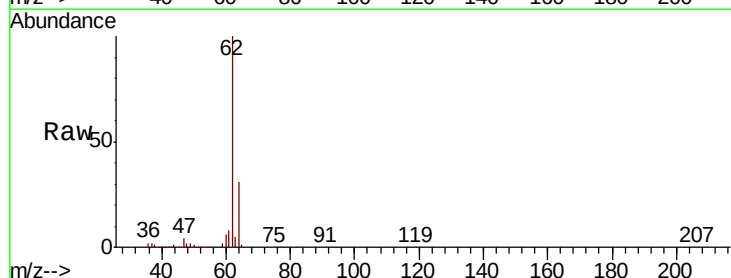
Acq: 9 Nov 2020 12:37

Tgt Ion: 62 Resp: 609491

Ion Ratio Lower Upper

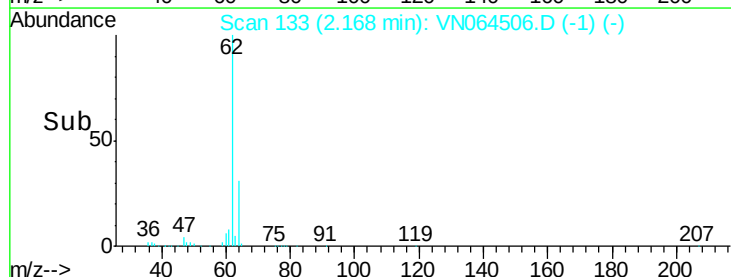
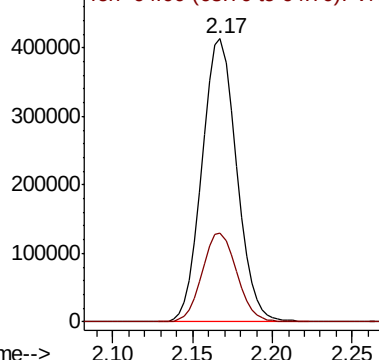
62 100

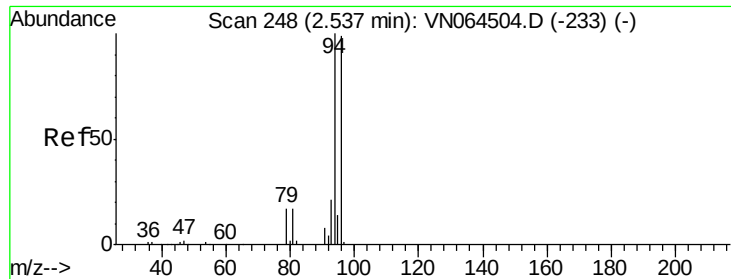
64 31.3 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 114.308 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

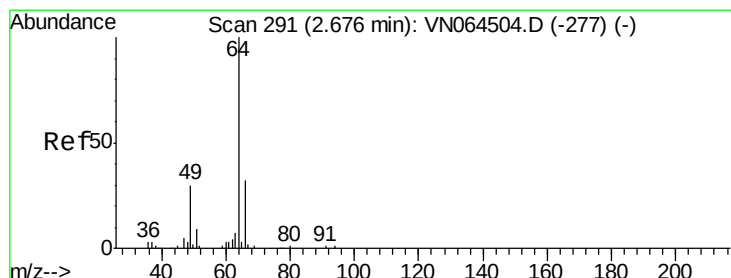
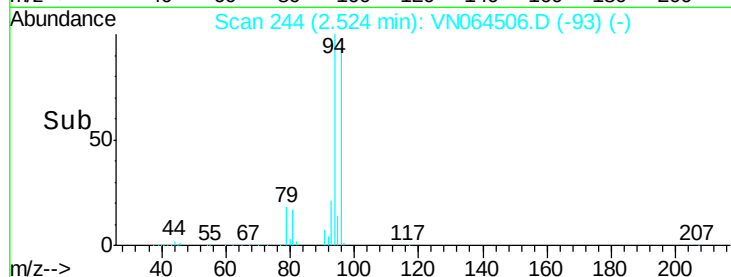
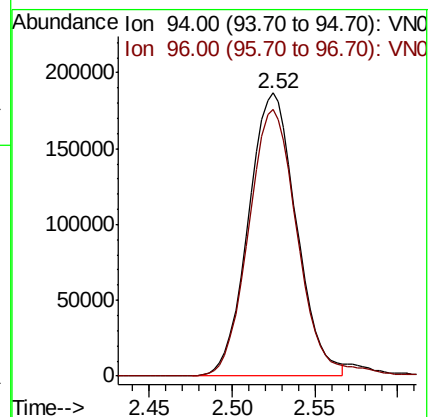
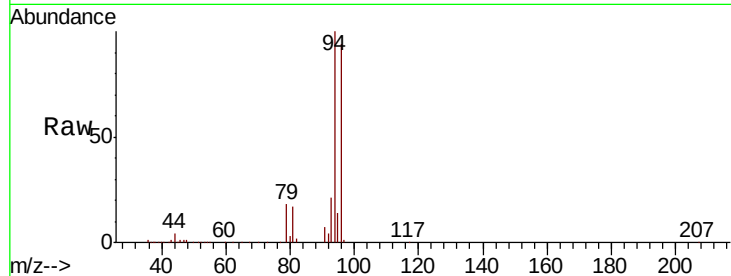
ClientSampled :

Tot Ion: 94 Resp: 375209

Ion Ratio Lower Upper

94 100

96 94.1 79.3 118.9



#6

Chloroethane

Concen: 126.287 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN064506.D

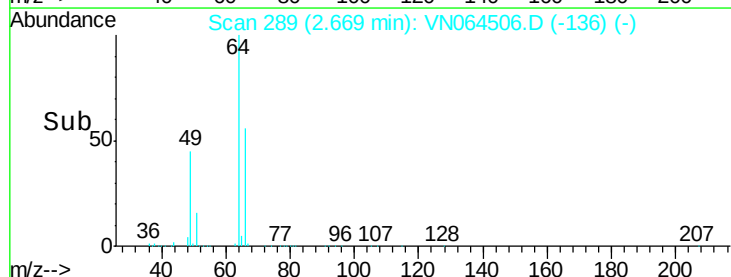
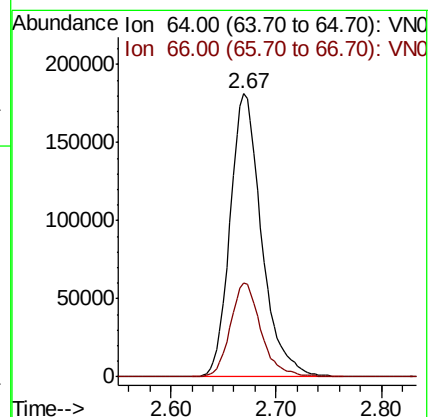
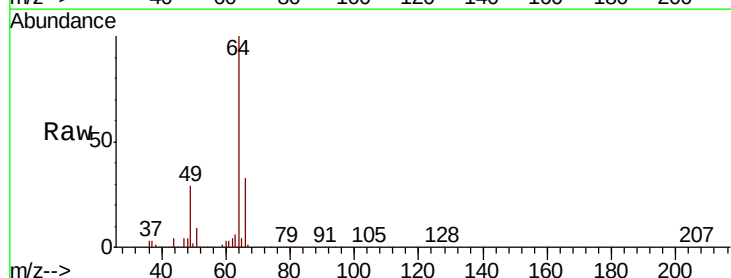
Acq: 9 Nov 2020 12:37

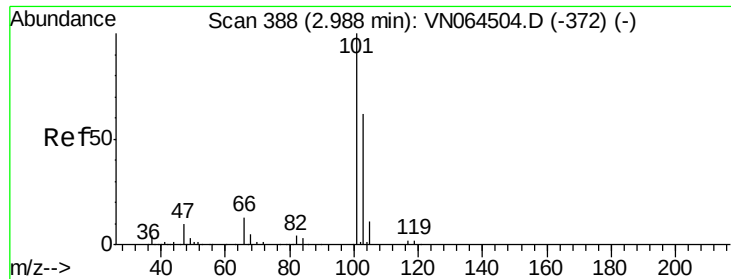
Tgt Ion: 64 Resp: 375545

Ion Ratio Lower Upper

64 100

66 33.1 26.0 39.0



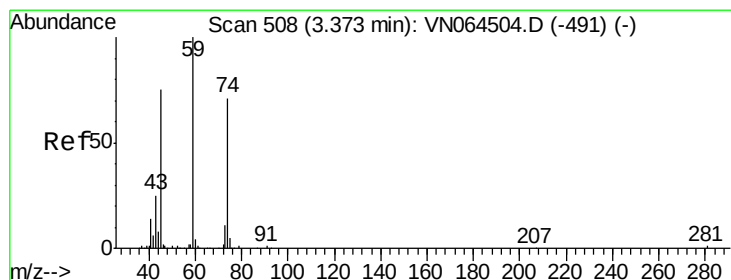
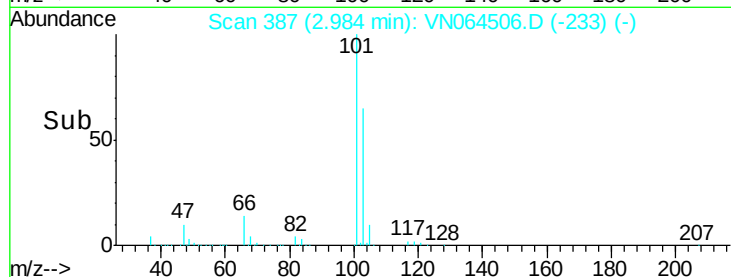
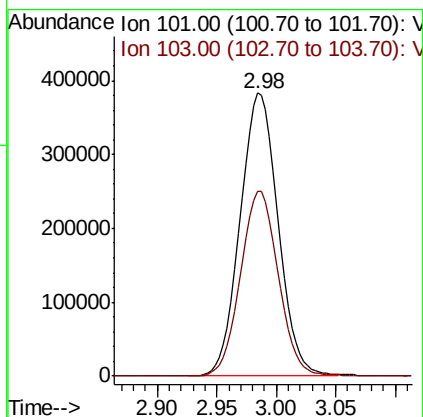
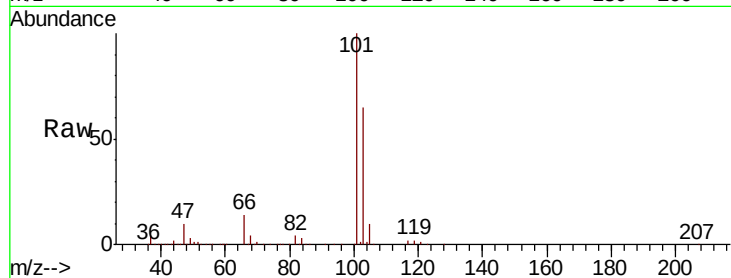


#7

Trichlorofluoromethane
 Concen: 105.321 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Instrument :
 MSVOA_N
 ClientSampled :

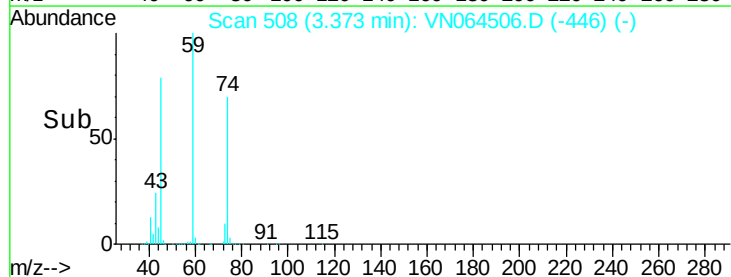
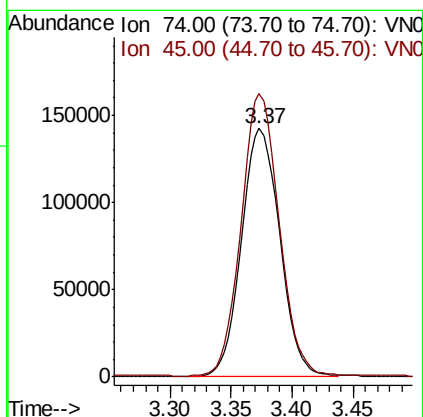
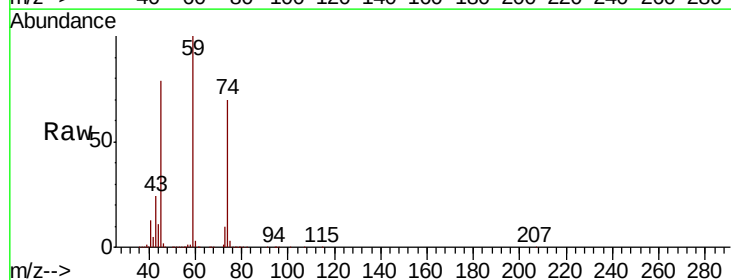
Tot Ion:101 Resp: 848144
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9

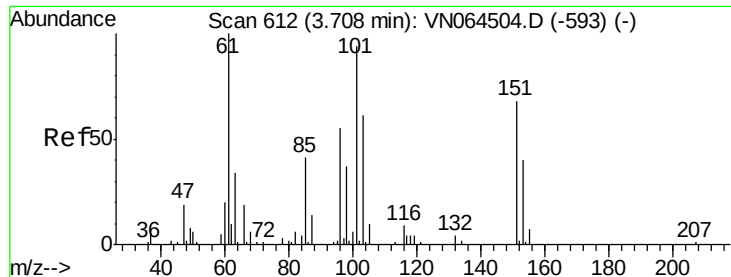


#8

Diethyl Ether
 Concen: 120.431 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion: 74 Resp: 310131
 Ion Ratio Lower Upper
 74 100
 45 112.2 22.1 198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.077 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

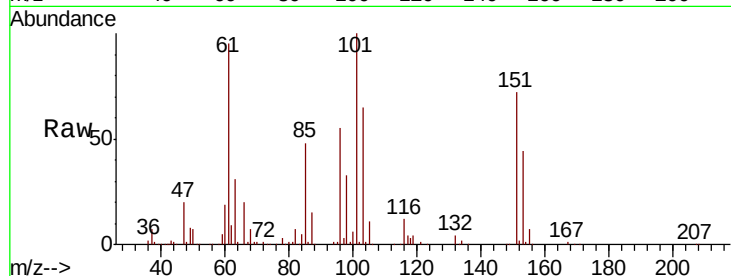
Tot Ion:101 Resp: 404147

Ion Ratio Lower Upper

101 100

85 46.8 0.0 49.0

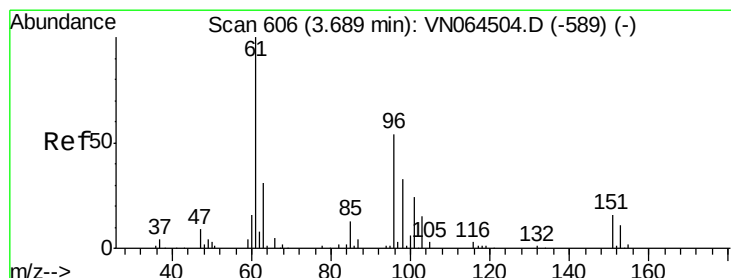
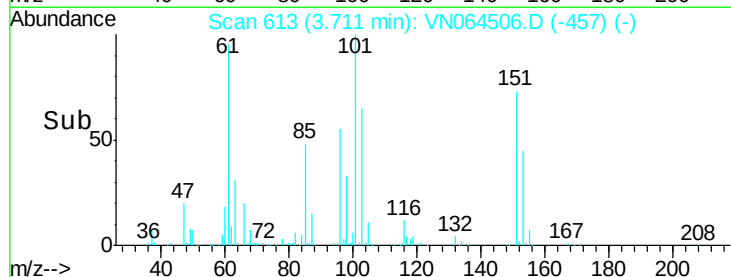
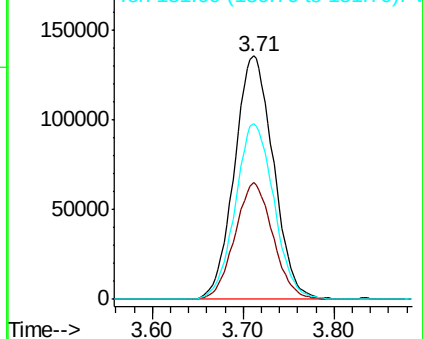
151 71.6 0.0 80.2



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: 102.711 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

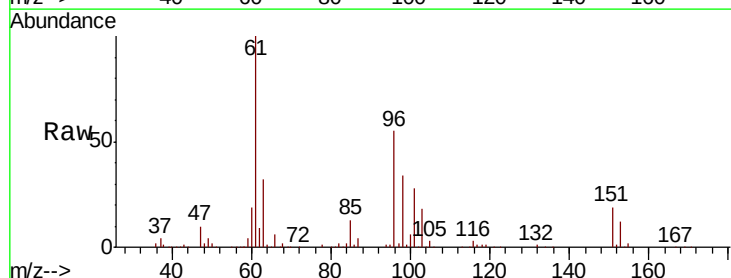
Tgt Ion: 96 Resp: 391588

Ion Ratio Lower Upper

96 100

61 182.6 149.2 223.8

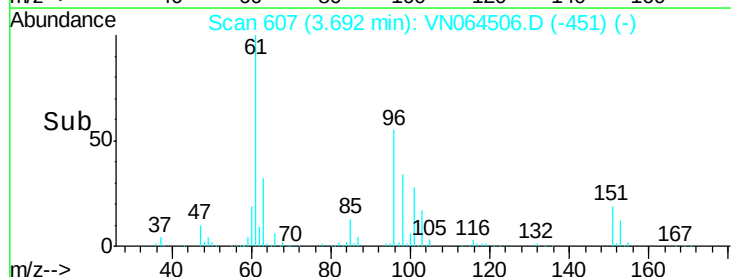
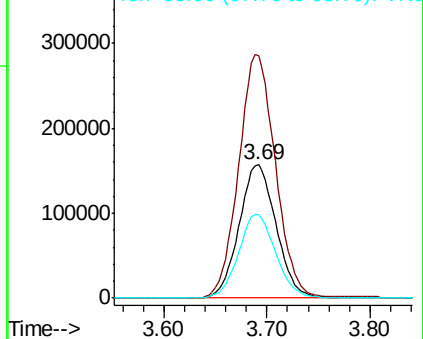
98 62.5 49.6 74.4

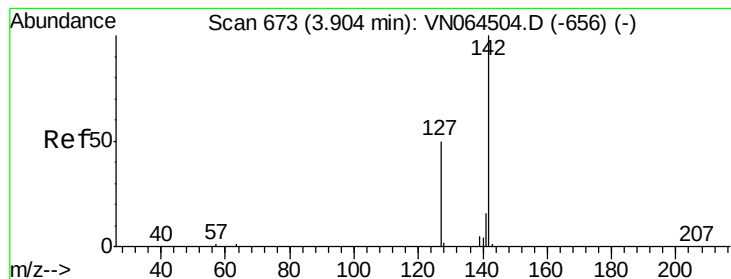


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

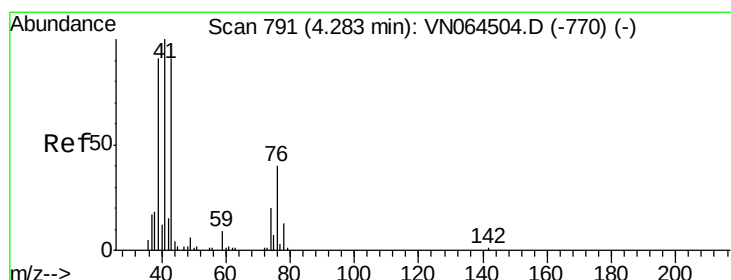
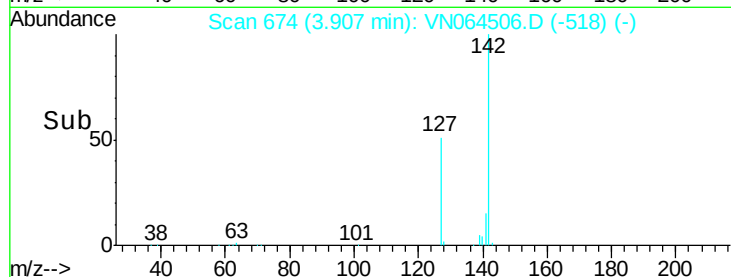
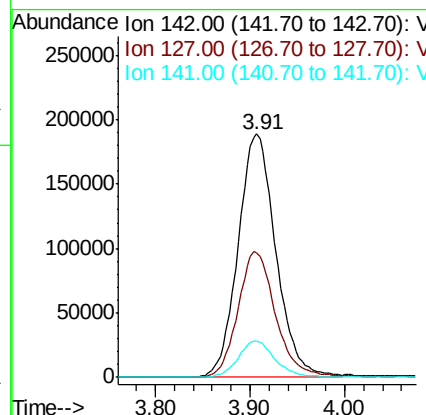
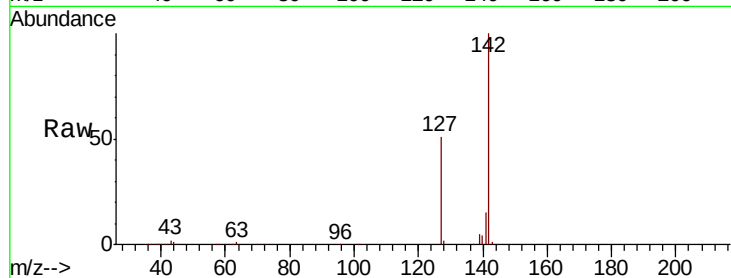




#11
Methvl Iodide
Concen: 104.119 ug/l
RT: 3.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

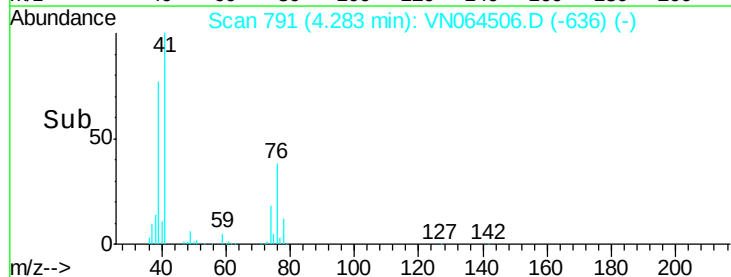
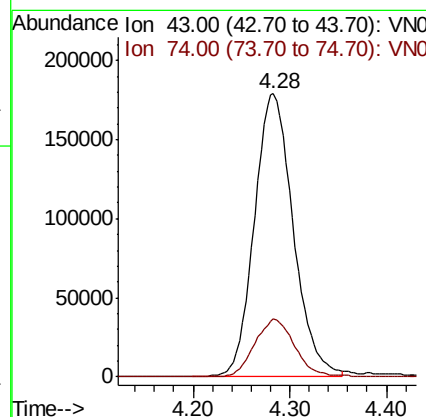
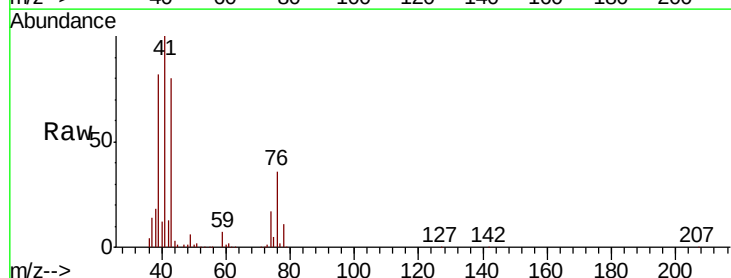
Instrument :
MSVOA_N
ClientSampled :

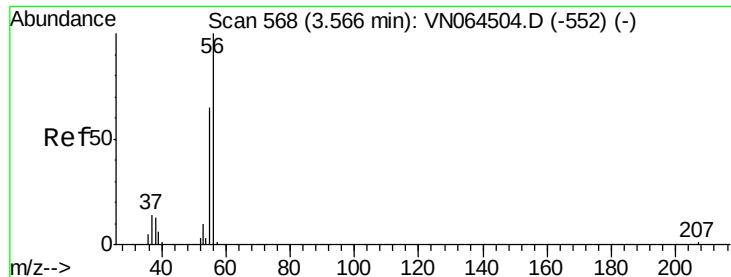
Tot Ion:142 Resp: 524284
Ion Ratio Lower Upper
142 100
127 51.2 24.7 74.1
141 14.7 7.8 23.3



#12
Methyl Acetate
Concen: 121.258 ug/l
RT: 4.28 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion: 43 Resp: 497635
Ion Ratio Lower Upper
43 100
74 20.7 17.7 26.5





#13

Acrolein

Concen: 658.021 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

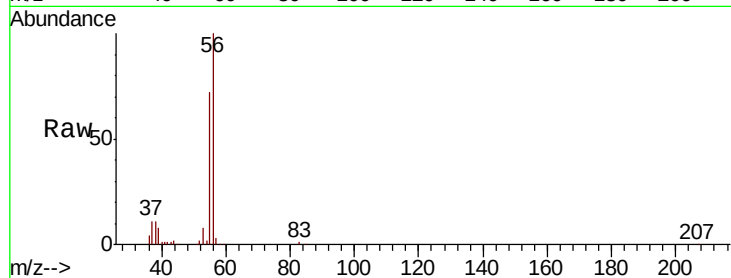
ClientSampled :

Tot Ion: 56 Resp: 255677

Ion Ratio Lower Upper

56 100

55 71.9 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

120000

100000

80000

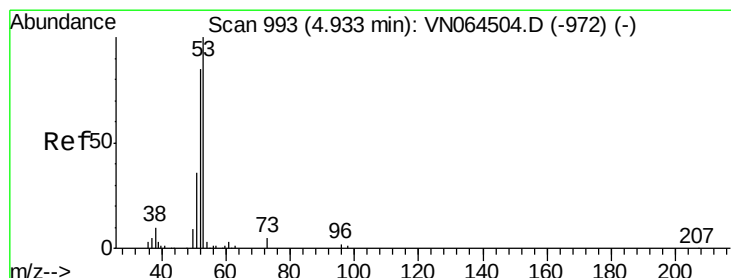
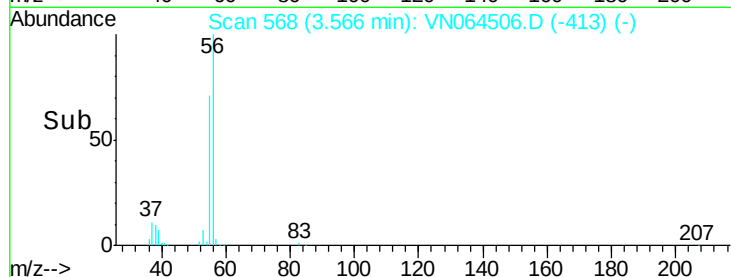
60000

40000

20000

0

Time-->



#14

Acrylonitrile

Concen: 612.529 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

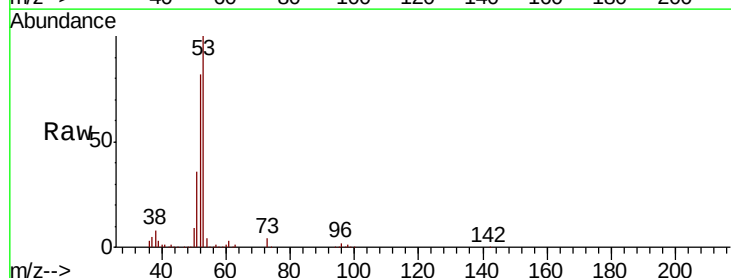
Tgt Ion: 53 Resp: 1118320

Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 37.6 18.9 56.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

4.94

400000

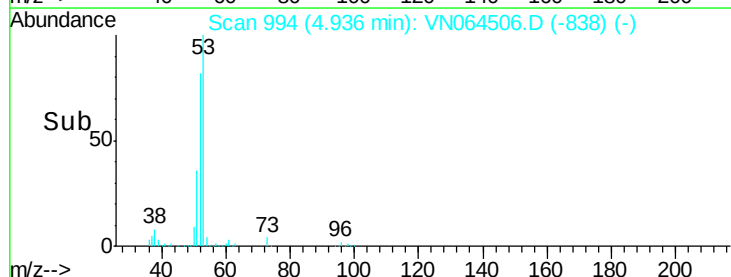
300000

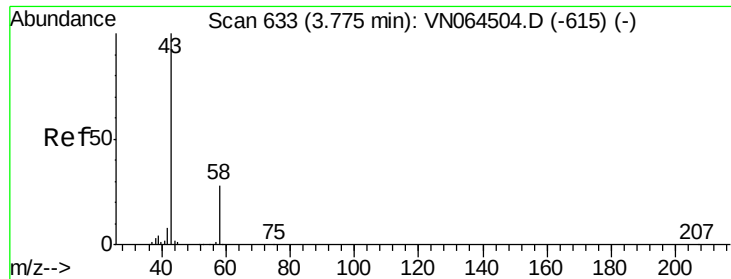
200000

100000

0

Time-->





#15

Acetone

Concen: 533.387 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

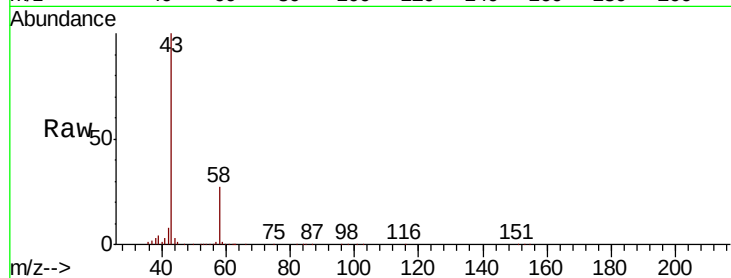
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 58 Resp: 335959

Ion Ratio Lower Upper

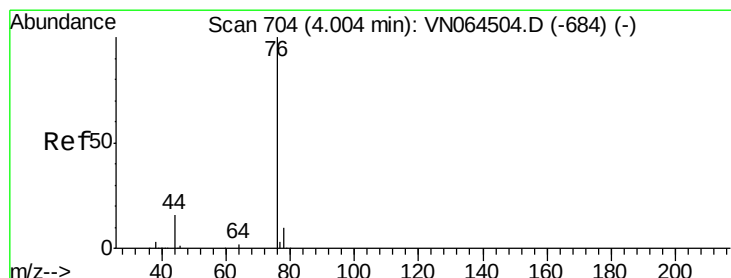
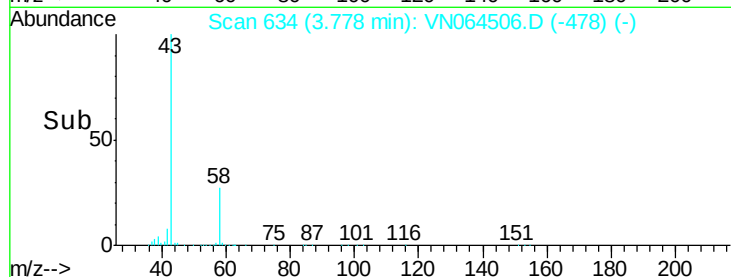
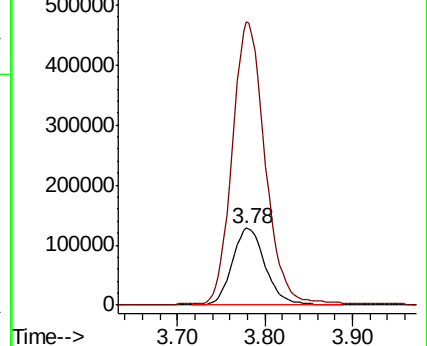
58 100

43 368.4 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN064506.D (-478) (-)

Ion 43.00 (42.70 to 43.70): VN064506.D (-478) (-)



#16

Carbon Disulfide

Concen: 108.774 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064506.D

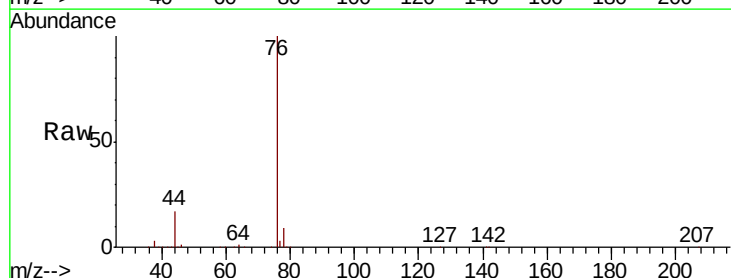
Acq: 9 Nov 2020 12:37

Tgt Ion: 76 Resp: 1193641

Ion Ratio Lower Upper

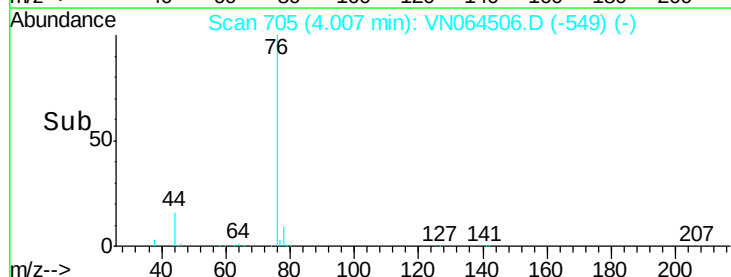
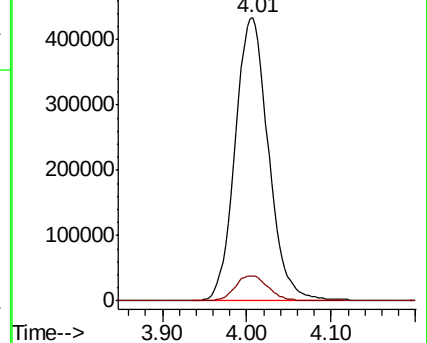
76 100

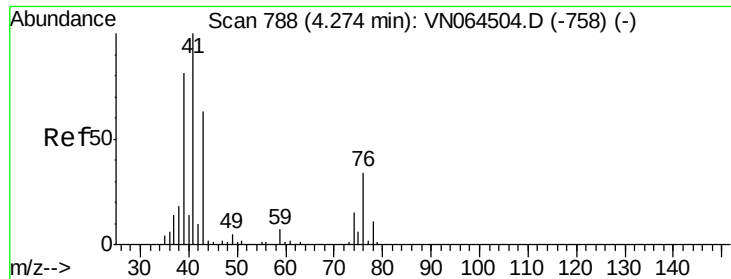
78 8.9 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN064506.D (-549) (-)

Ion 78.00 (77.70 to 78.70): VN064506.D (-549) (-)

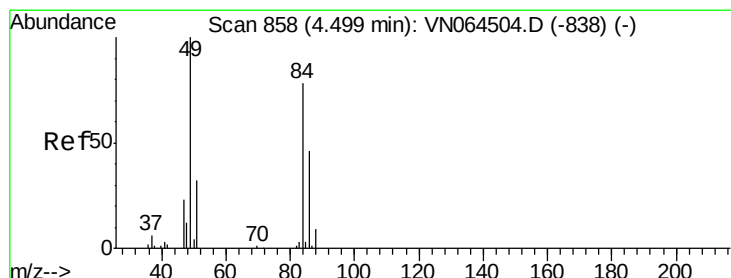
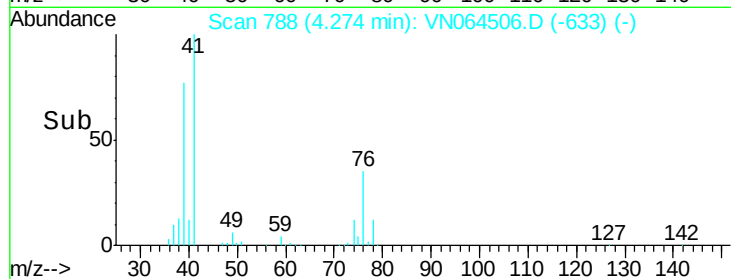
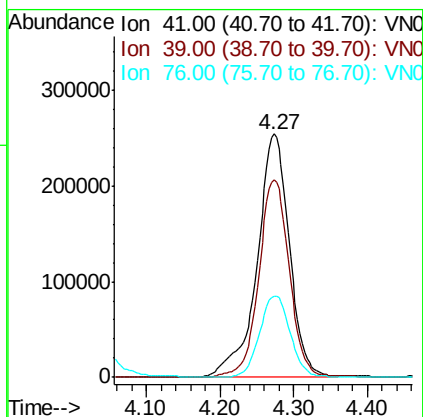
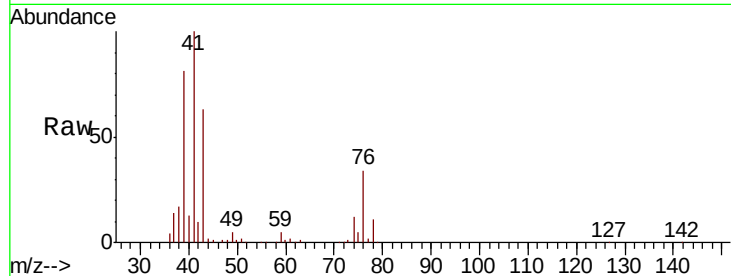




#17
Allvl chloride
Concen: 114.792 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

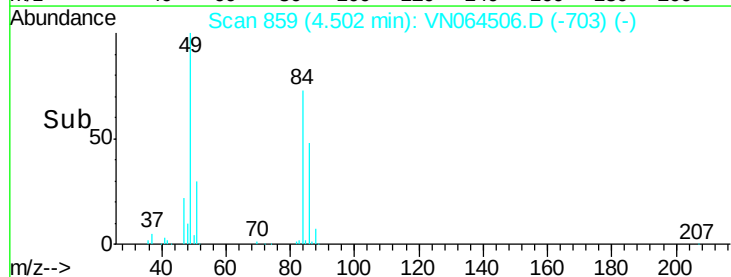
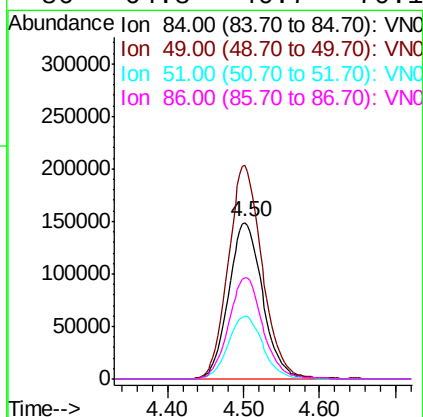
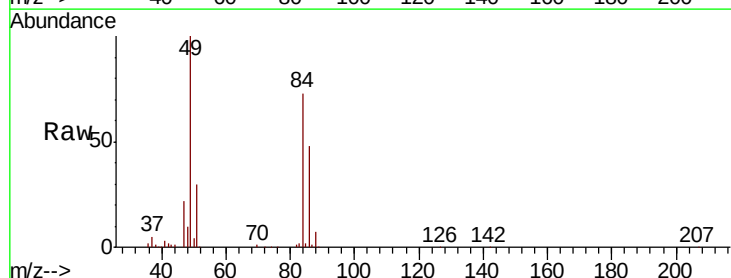
Instrument :
MSVOA_N
ClientSampleId :

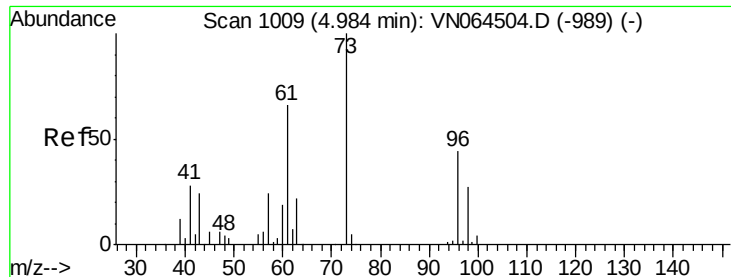
Tot Ion: 41 Resp: 777326
Ion Ratio Lower Upper
41 100
39 80.9 40.3 120.8
76 33.3 16.8 50.3



#18
Methylene Chloride
Concen: 104.746 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion: 84 Resp: 463984
Ion Ratio Lower Upper
84 100
49 136.3 102.1 153.1
51 40.5 32.6 48.8
86 64.8 46.7 70.1

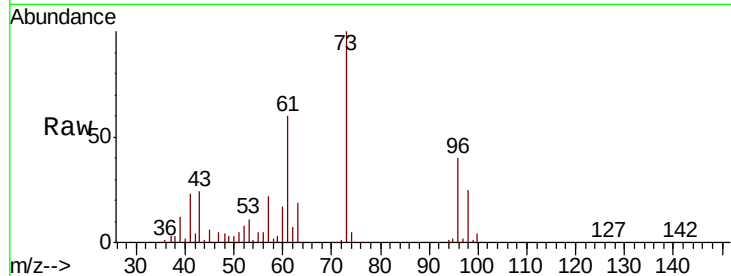




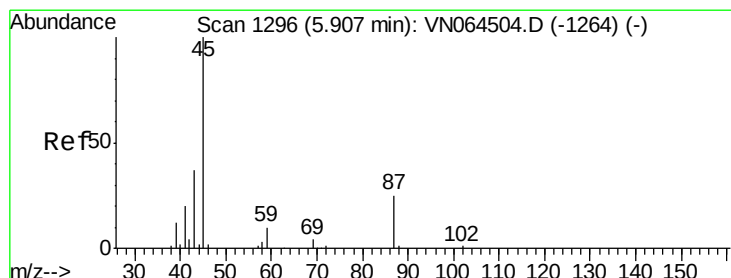
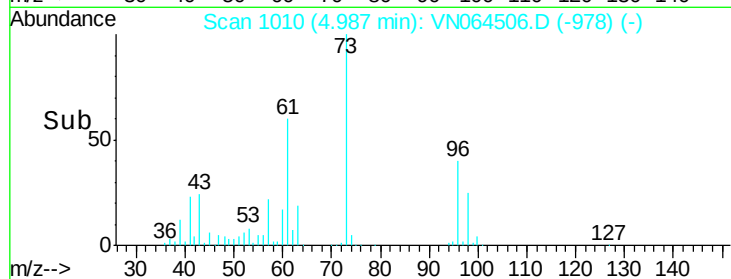
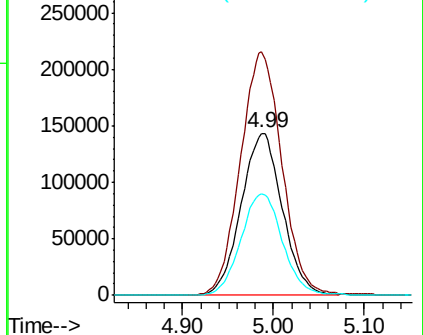
#19
trans-1,2-Dichloroethene
Concen: 107.169 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 450688
Ion Ratio Lower Upper
96 100
61 150.4 120.1 180.1
98 62.4 49.1 73.7

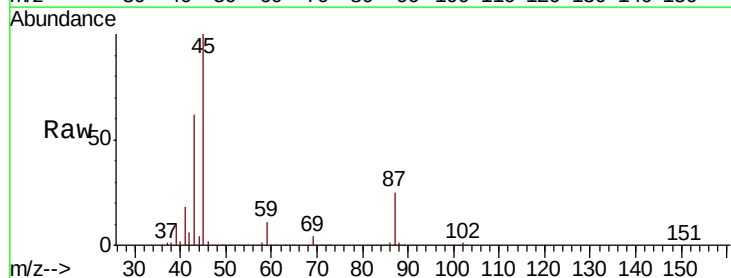


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

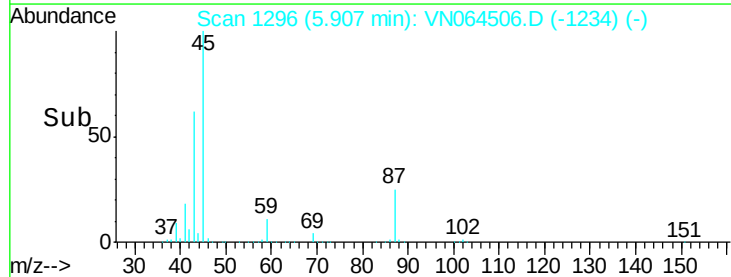
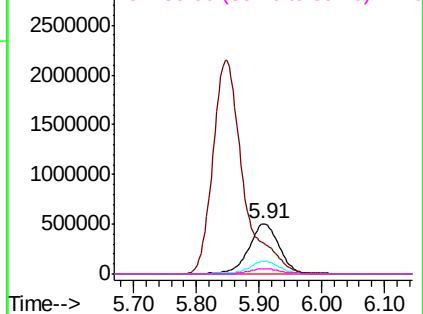


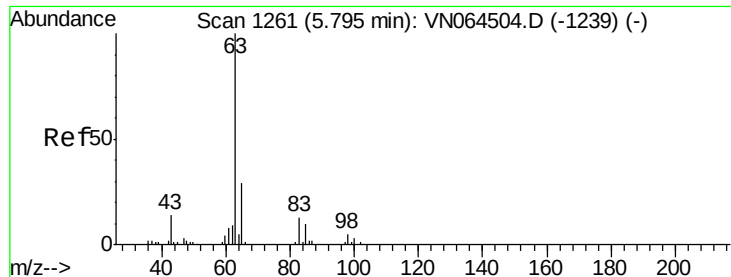
#20
Diisopropyl ether
Concen: 118.721 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion: 45 Resp: 1708586
Ion Ratio Lower Upper
45 100
43 61.0 53.1 79.7
87 25.3 21.0 31.6
59 10.8 8.2 12.4



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

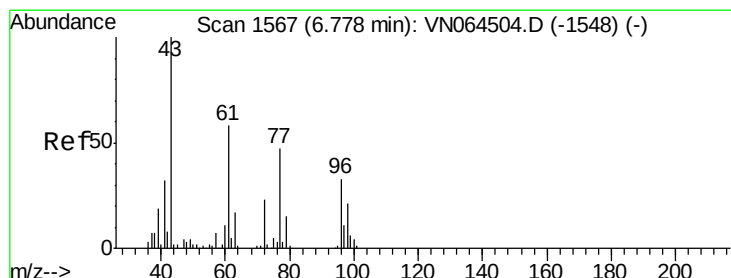
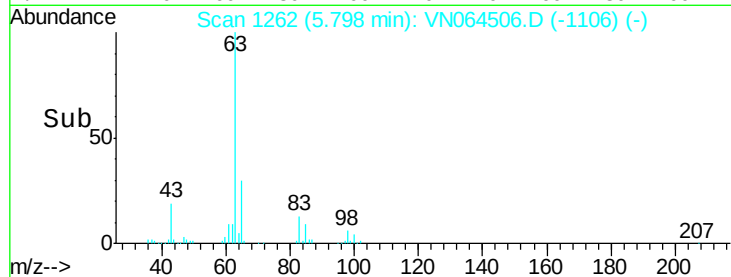
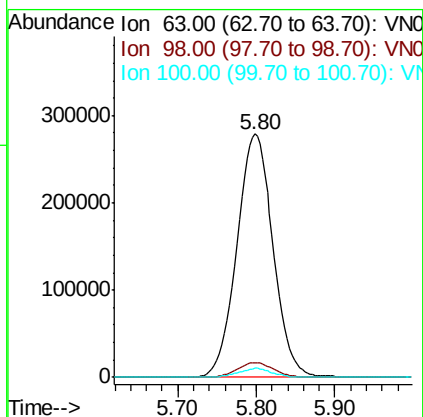
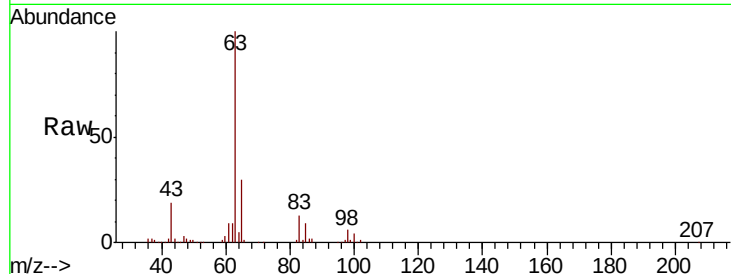




#21
 1,1-Dichloroethane
 Concen: 110.450 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

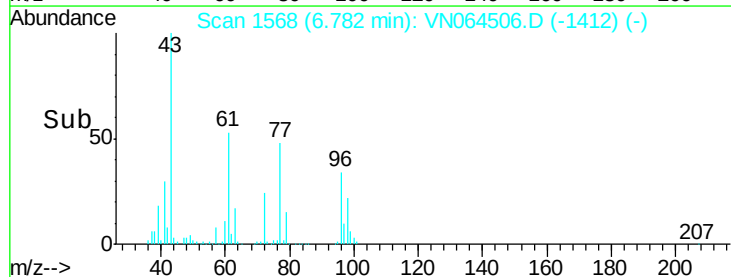
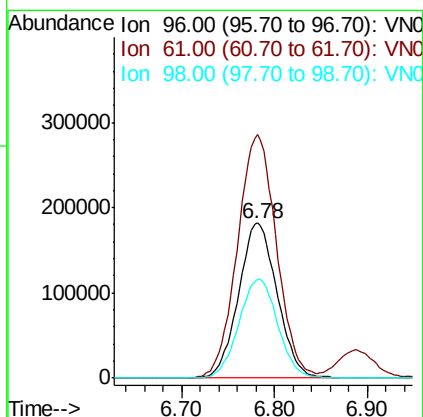
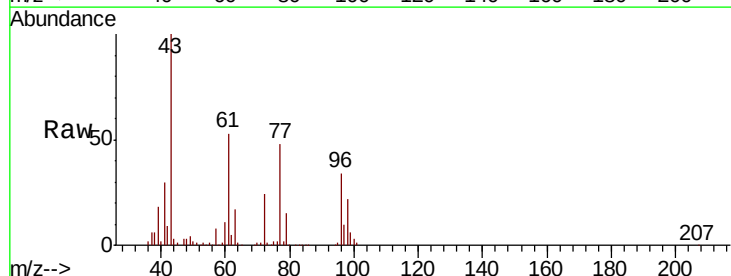
Instrument :
 MSVOA_N
 ClientSampled :

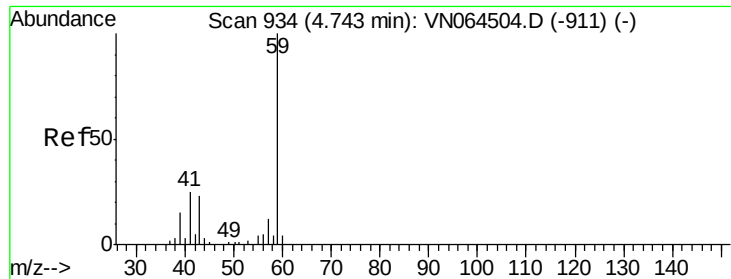
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.1	2.6	8.0
100	3.7	1.7	5.1



#22
 cis-1,2-Dichloroethene
 Concen: 107.097 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	136.1	204.1
98	64.3	51.8	77.8

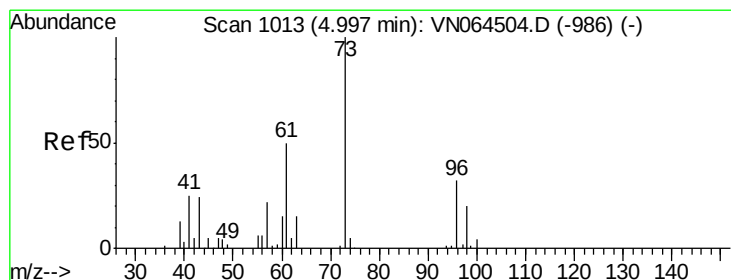
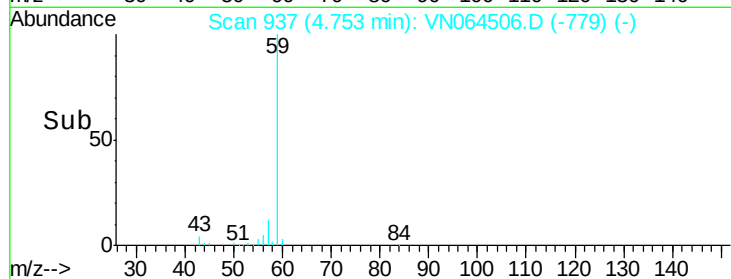
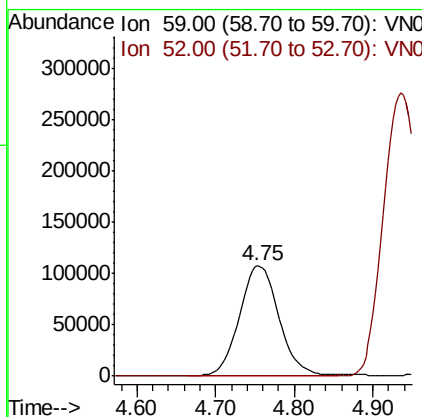
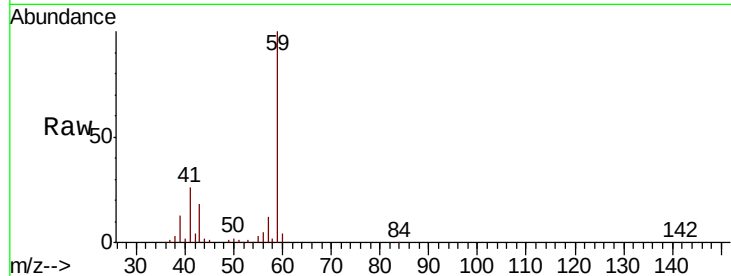




#23
 tert-Butyl Alcohol
 Concen: 557.303 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

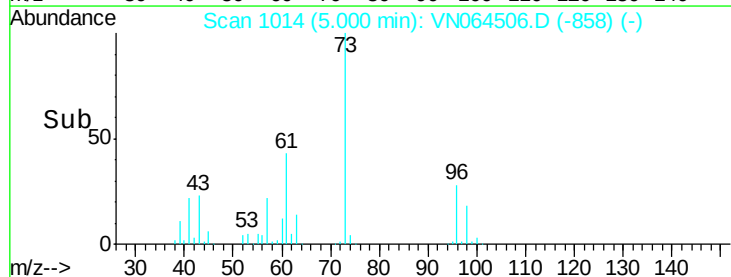
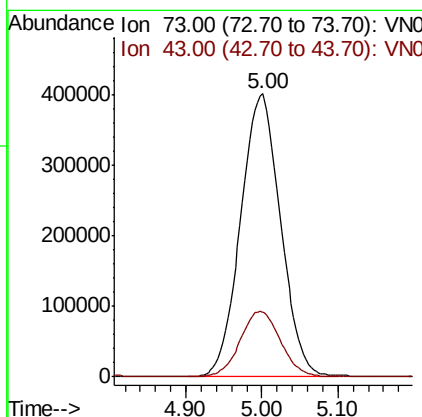
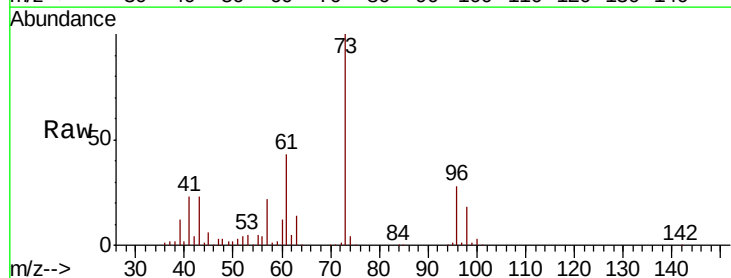
Instrument :
 MSVOA_N
 ClientSampled :

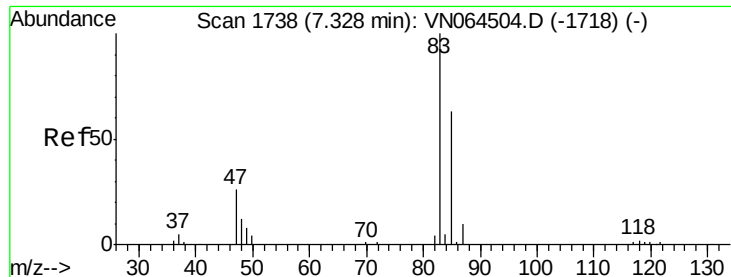
Tot Ion: 59 Resp: 380748
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#



#24
 Methyl tert-Butyl Ether
 Concen: 108.628 ug/l
 RT: 5.00 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion: 73 Resp: 1467862
 Ion Ratio Lower Upper
 73 100
 43 23.2 10.2 15.2#

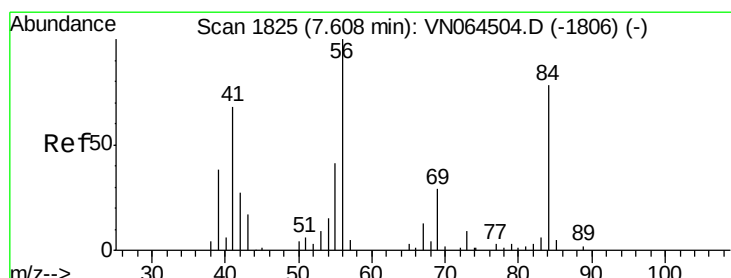
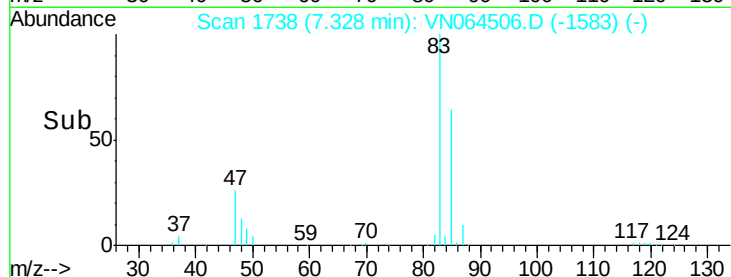
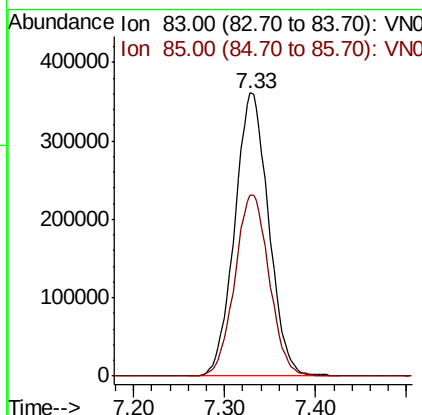
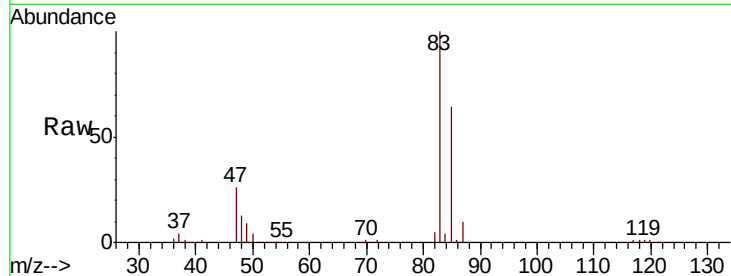




#25
Chloroform
Concen: 107.629 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

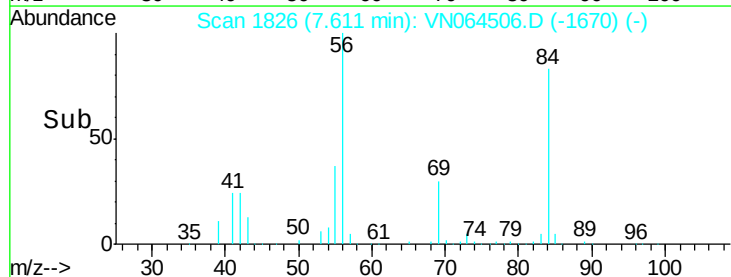
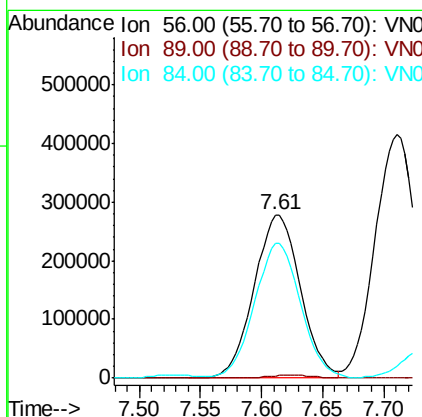
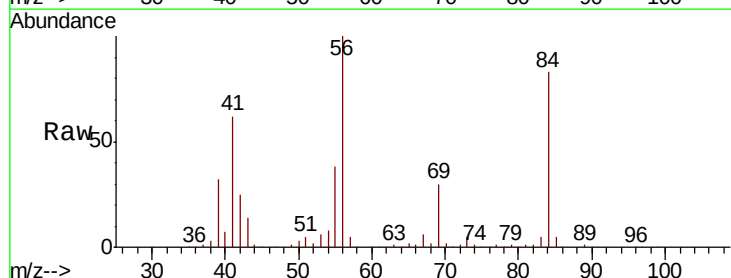
Instrument :
MSVOA_N
ClientSampleId :

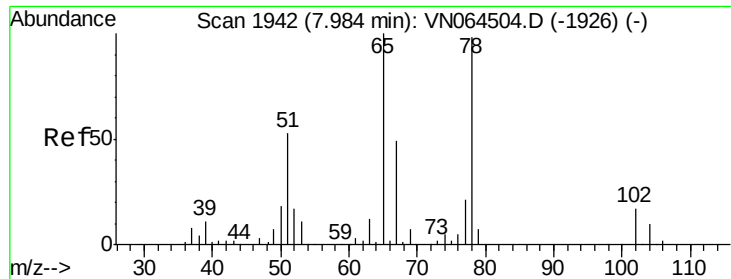
Tot Ion: 83 Resp: 937160
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8



#26
Cyclohexane
Concen: 114.569 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion: 56 Resp: 734737
Ion Ratio Lower Upper
56 100
89 1.7 0.6 0.8#
84 82.3 66.1 99.1

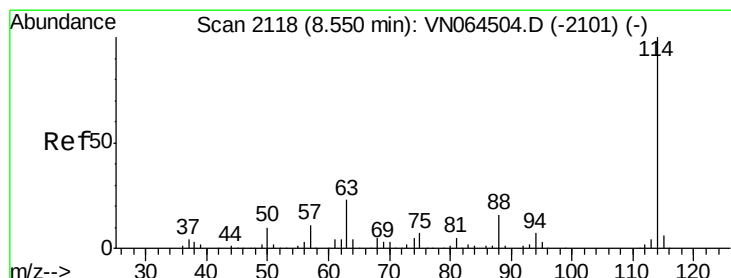
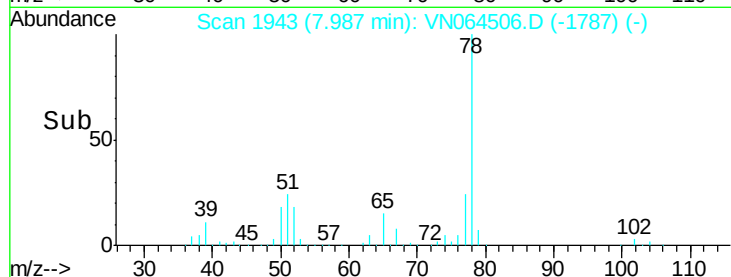
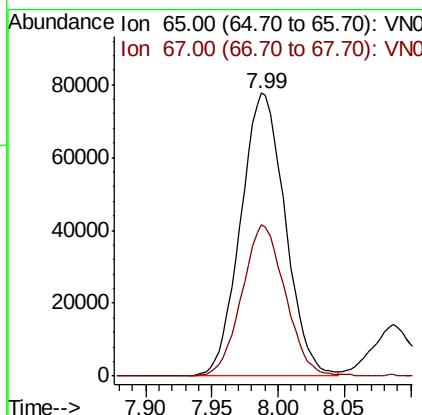
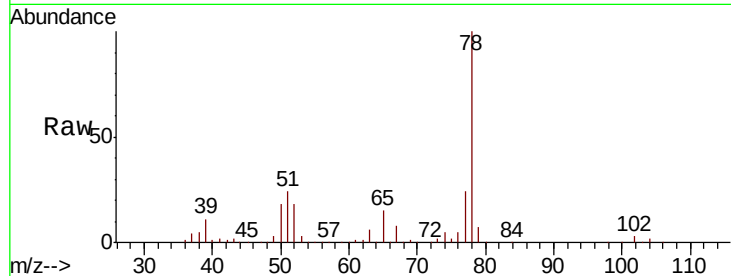




#27
 1,2-Dichloroethane-d4
 Concen: 31.086 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

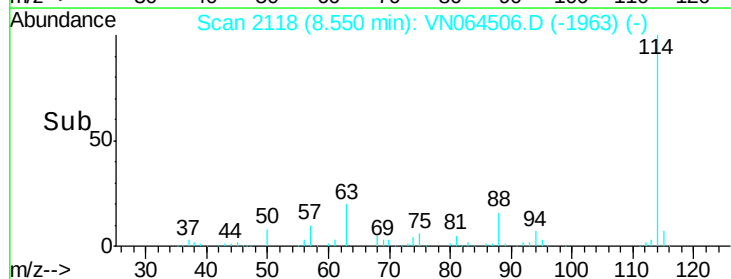
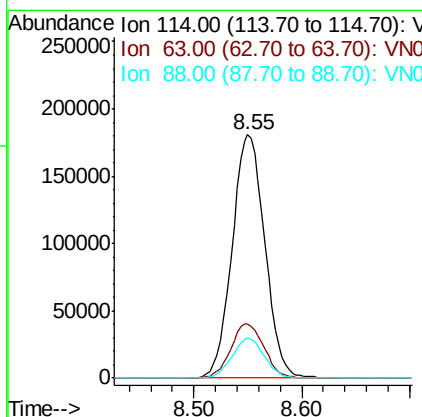
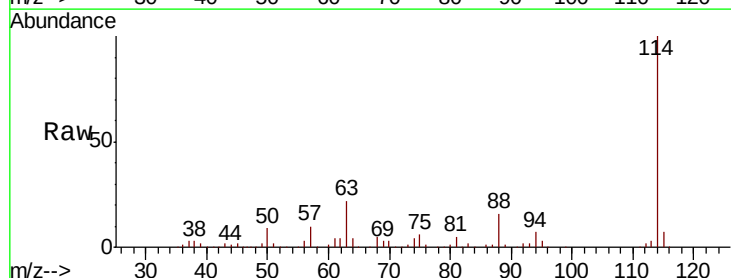
Instrument :
 MSVOA_N
 ClientSampleId :

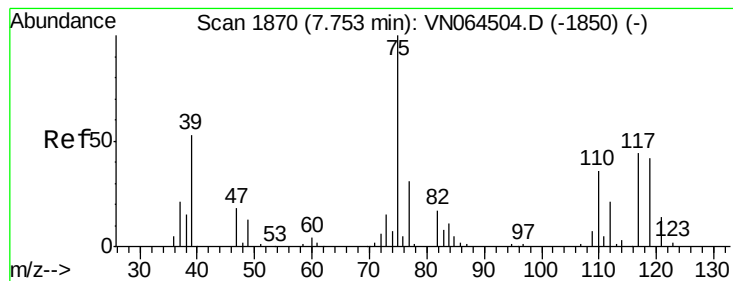
Tot Ion: 65 Resp: 181682
 Ion Ratio Lower Upper
 65 100
 67 51.9 41.1 61.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion: 114 Resp: 381977
 Ion Ratio Lower Upper
 114 100
 63 22.7 18.5 27.7
 88 16.3 13.0 19.6





#29

1,1-Dichloropropene

Concen: 112.019 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

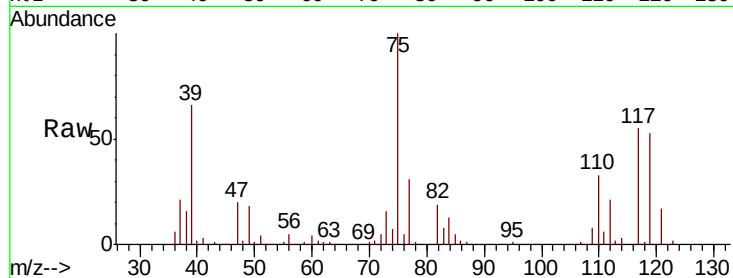
Tot Ion: 75 Resp: 699636

Ion Ratio Lower Upper

75 100

110 33.0 0.0 66.4

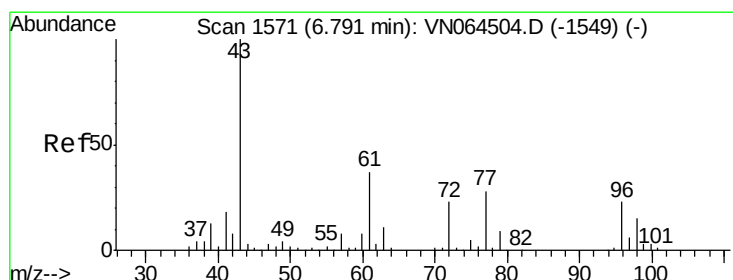
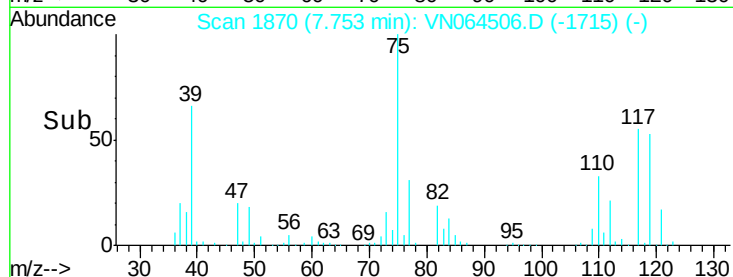
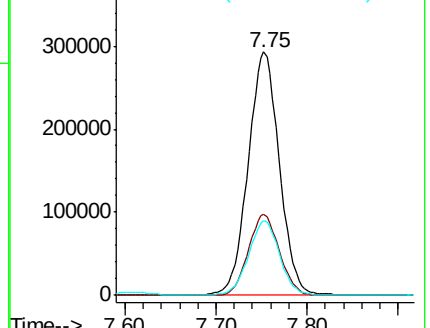
77 30.6 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN064506.D (-1715) (-)

Ion 110.00 (109.70 to 110.70): VN064506.D (-1715) (-)

Ion 77.00 (76.70 to 77.70): VN064506.D (-1715) (-)



#30

2-Butanone

Concen: 605.414 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

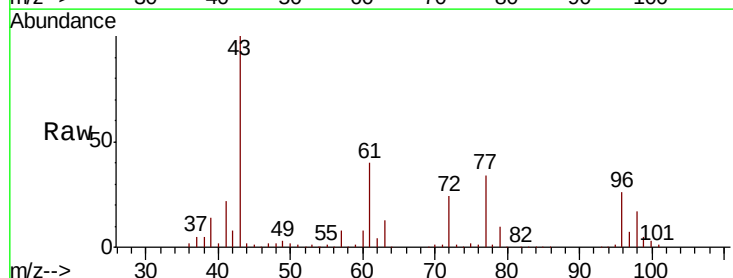
Tgt Ion: 43 Resp: 1729717

Ion Ratio Lower Upper

43 100

57 7.9 6.2 9.4

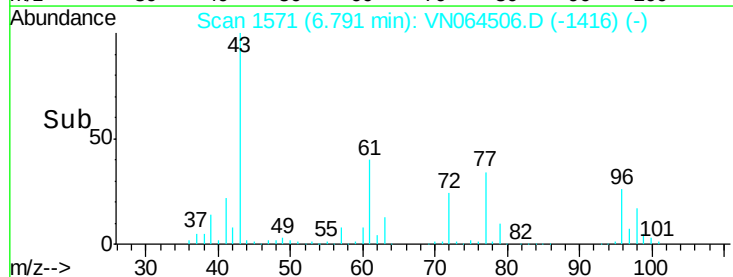
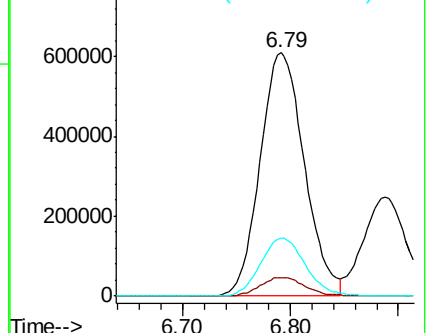
72 24.3 9.9 14.9#

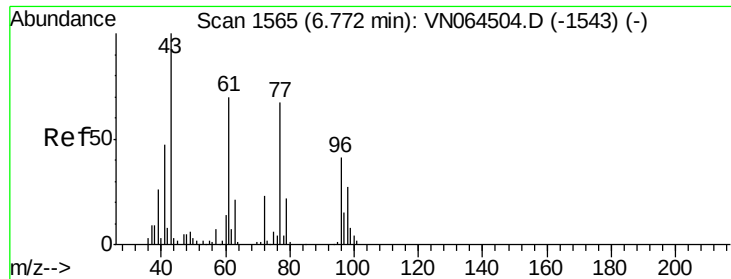


Abundance Ion 43.00 (42.70 to 43.70): VN064506.D (-1416) (-)

Ion 57.00 (56.70 to 57.70): VN064506.D (-1416) (-)

Ion 72.00 (71.70 to 72.70): VN064506.D (-1416) (-)

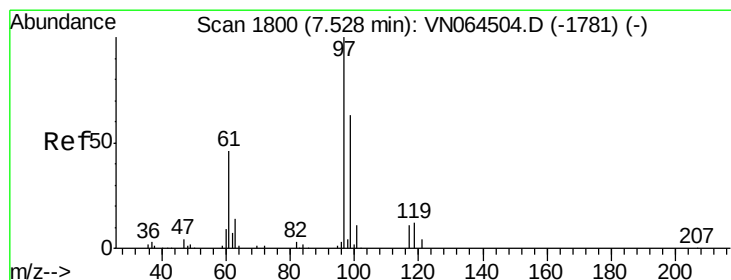
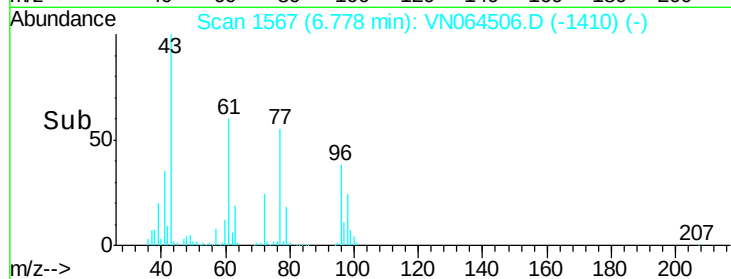
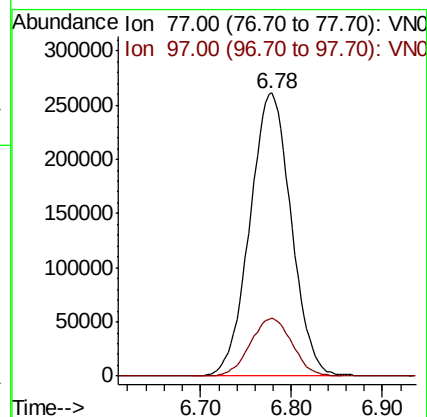
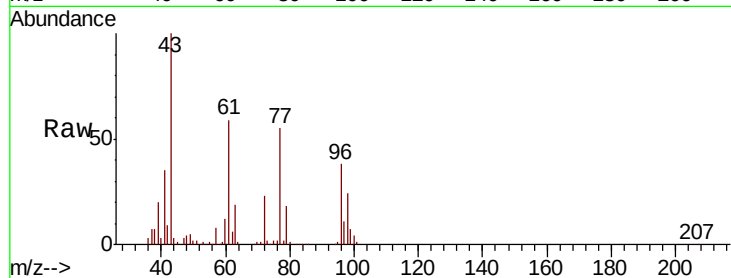




#31
 2,2-Dichloropropane
 Concen: 108.502 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

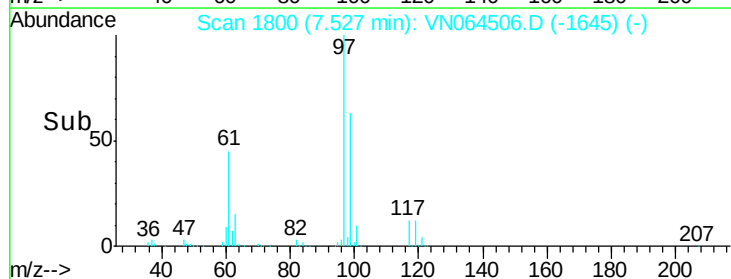
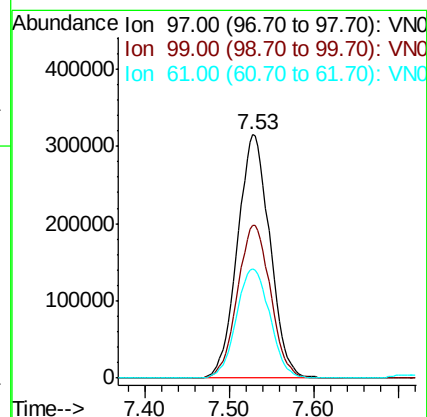
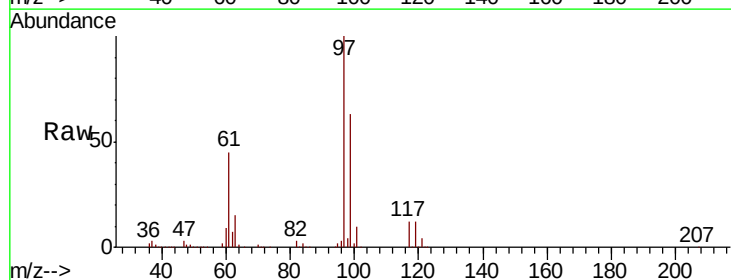
Instrument :
 MSVOA_N
 ClientSampled :

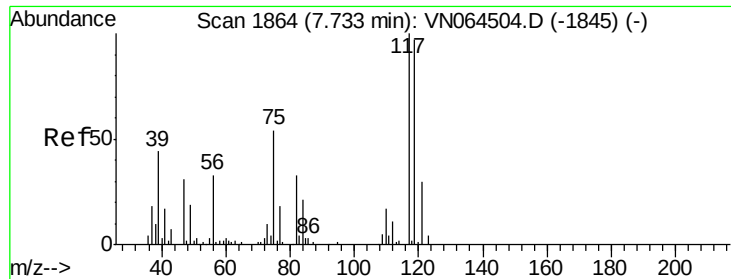
Tot Ion: 77 Resp: 824552
 Ion Ratio Lower Upper
 77 100
 97 20.7 16.9 25.3



#32
 1,1,1-Trichloroethane
 Concen: 105.114 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion: 97 Resp: 844524
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.8 77.8
 61 46.2 39.4 59.0





#33

Carbon Tetrachloride

Concen: 104.942 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

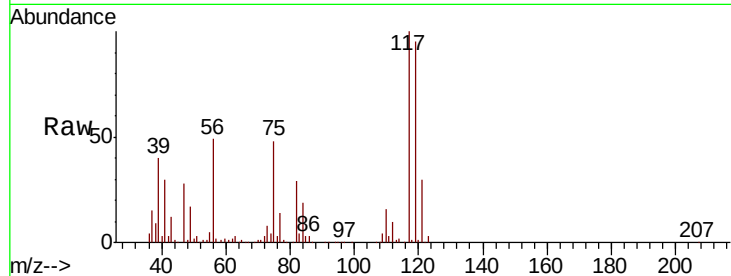
Tot Ion:117 Resp: 758665

Ion Ratio Lower Upper

117 100

119 94.6 77.9 116.9

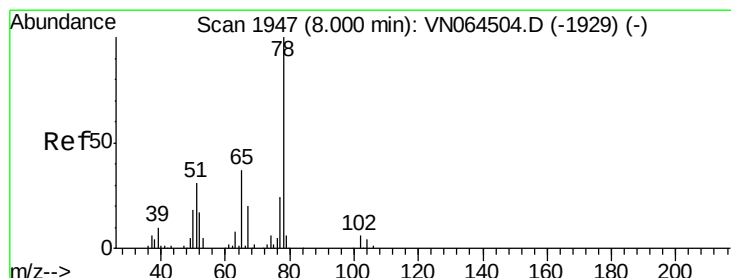
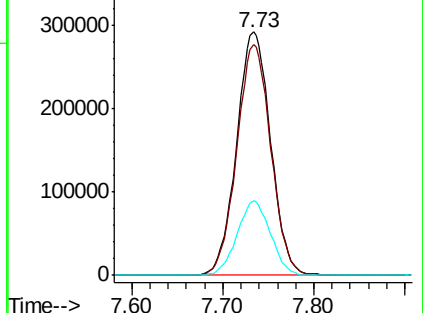
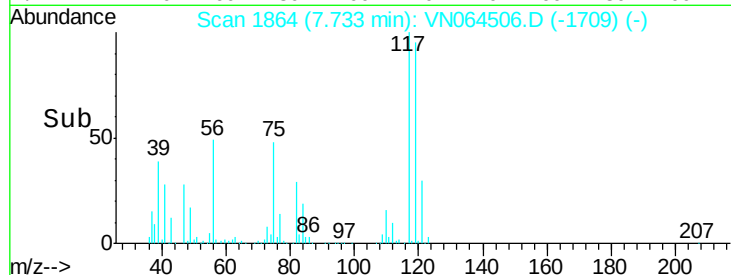
121 30.5 24.0 36.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 114.835 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

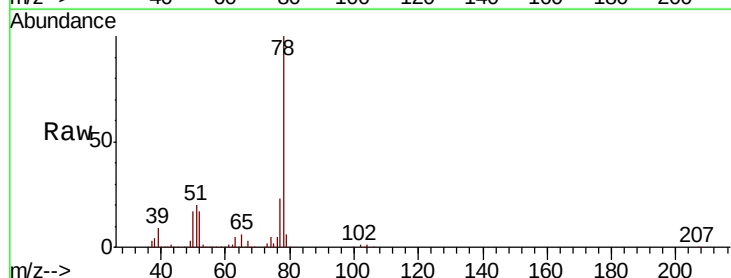
Tgt Ion: 78 Resp: 2026503

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3

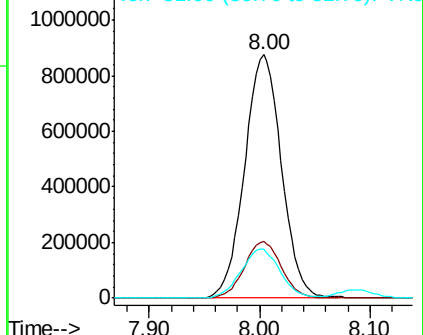
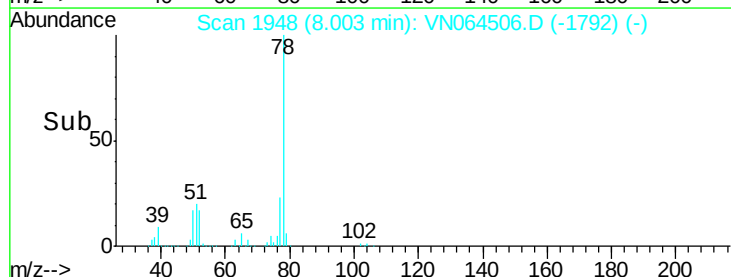
51 19.9 24.6 36.8#

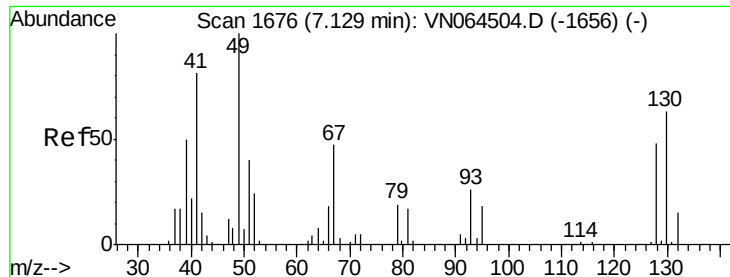


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

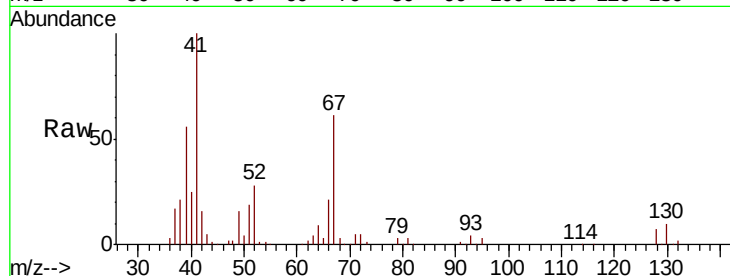




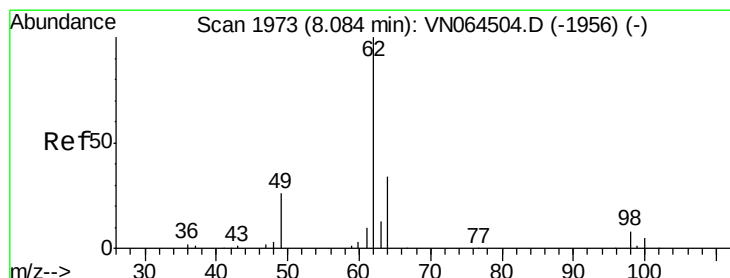
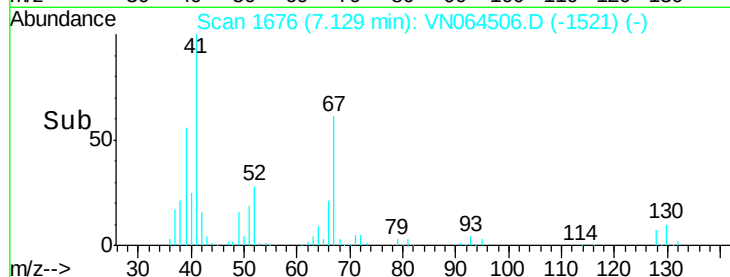
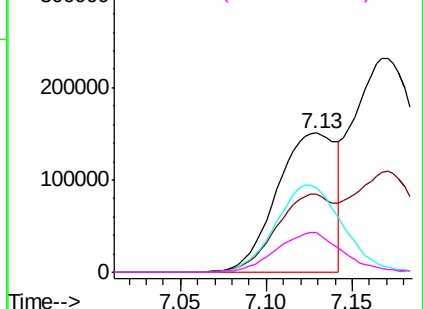
#35
Methacrylonitrile
Concen: 129.348 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	360054
Ion	Ratio	Lower	Upper
41	100		
39	55.7	30.0	90.1
67	61.1	29.2	87.6
52	27.9	14.9	44.9

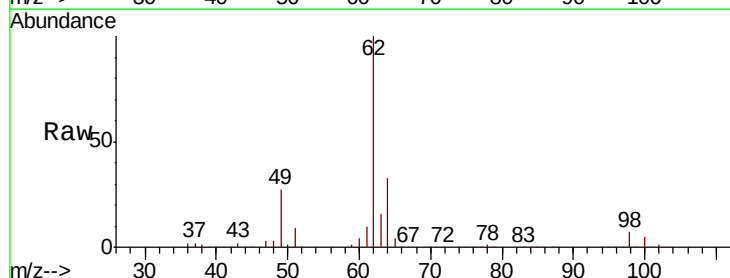


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

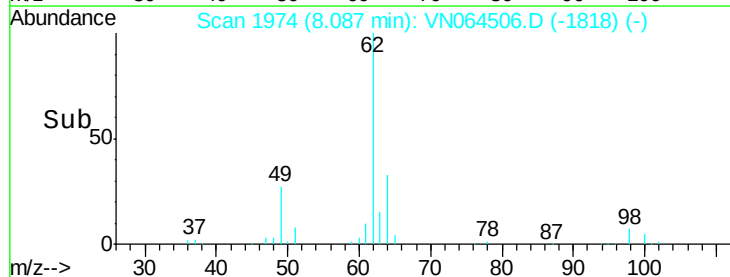
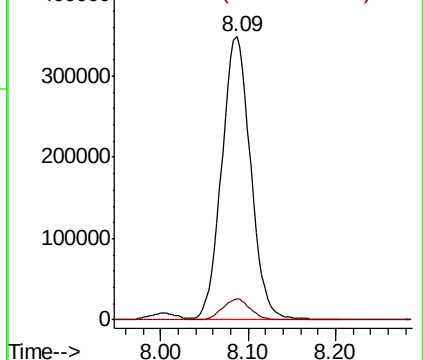


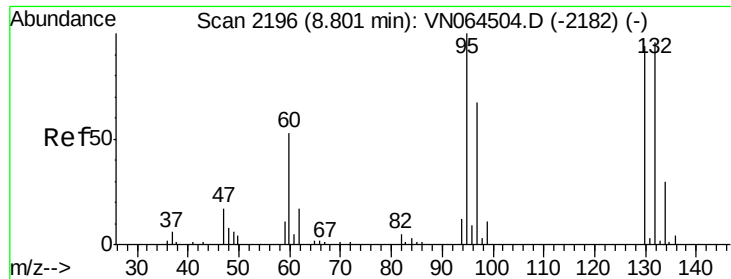
#36
1,2-Dichloroethane
Concen: 109.672 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion:	62	Resp:	798372
Ion	Ratio	Lower	Upper
62	100		
98	7.2	5.5	8.3



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





#37

Trichloroethene

Concen: 103.166 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

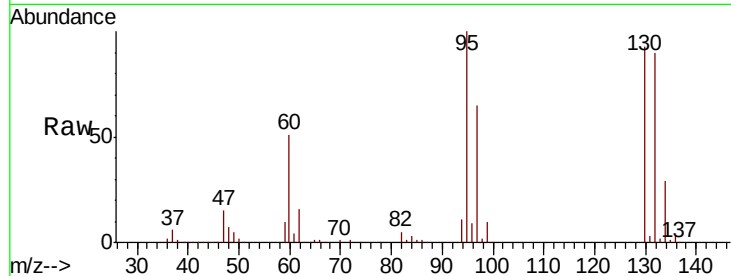
ClientSampled :

Tot Ion:130 Resp: 502142

Ion Ratio Lower Upper

130 100

95 107.0 85.1 127.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

250000

200000

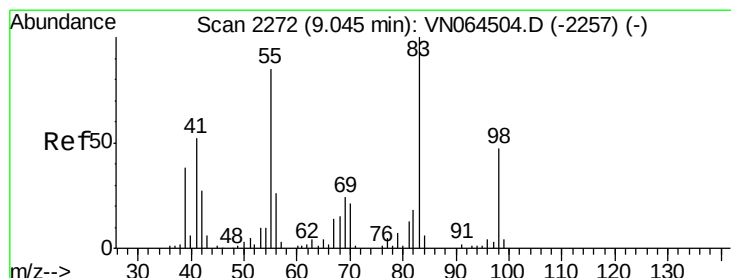
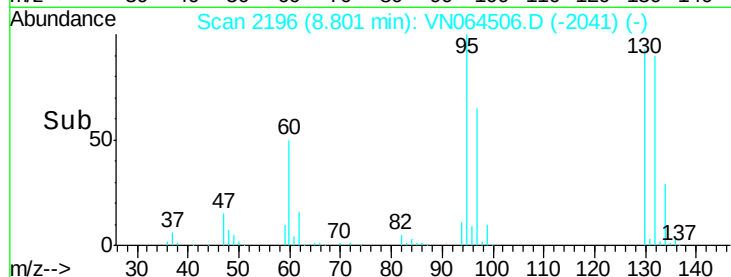
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 117.198 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

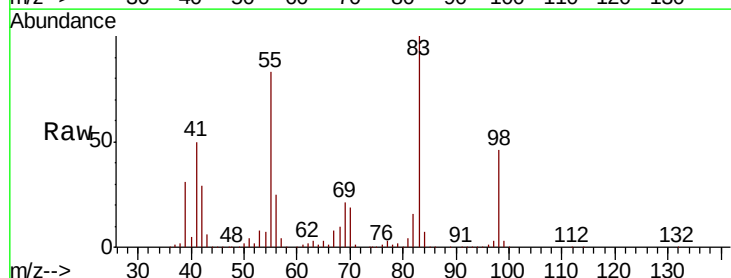
Tgt Ion: 83 Resp: 657980

Ion Ratio Lower Upper

83 100

55 83.1 42.0 126.1

98 44.8 22.5 67.5



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

400000

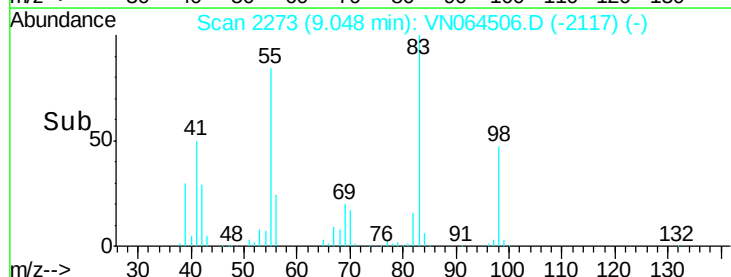
300000

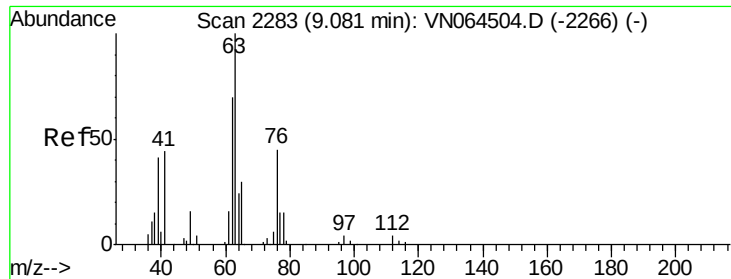
200000

100000

0

Time-->

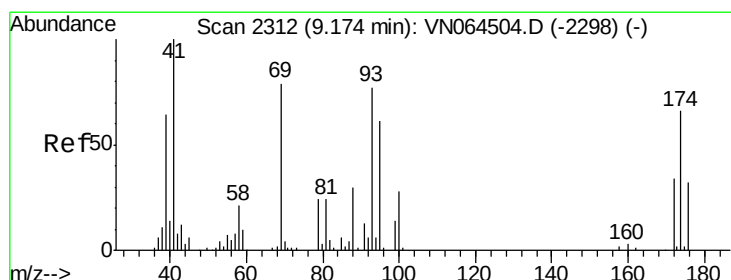
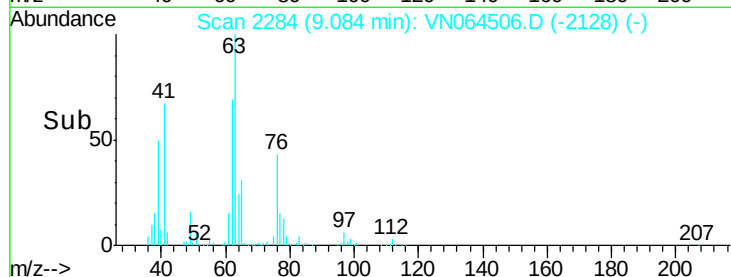
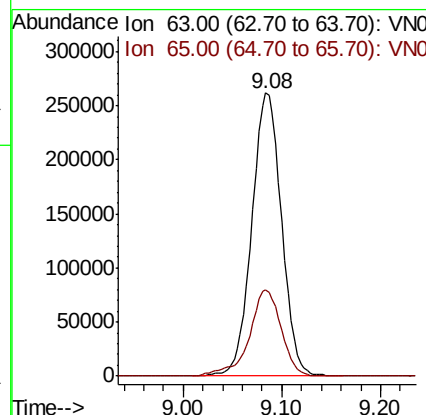
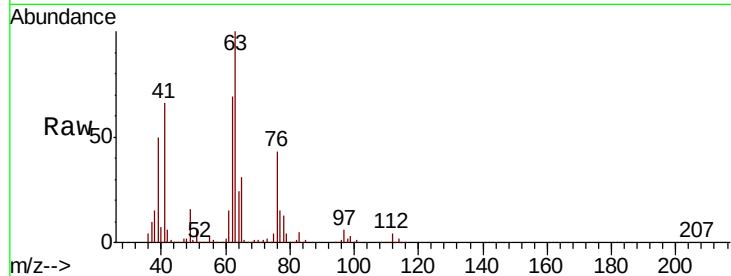




#39
 1,2-Dichloropropane
 Concen: 118.349 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

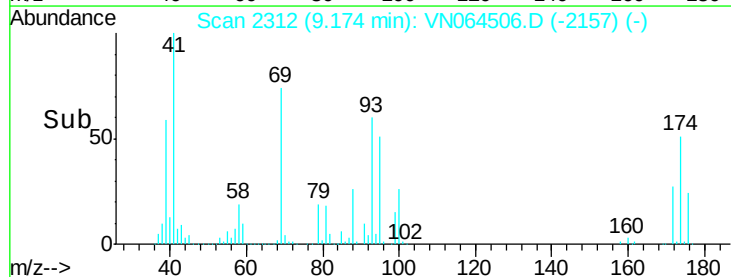
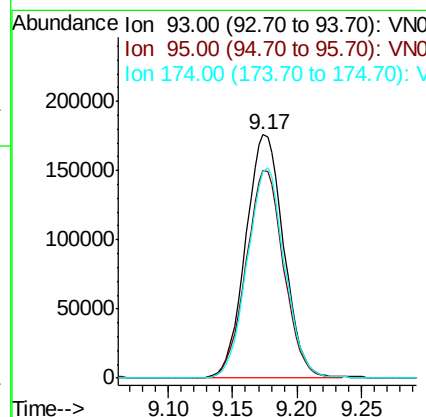
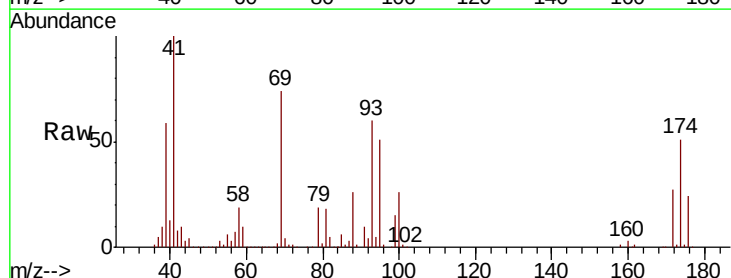
Instrument :
 MSVOA_N
 ClientSampleId :

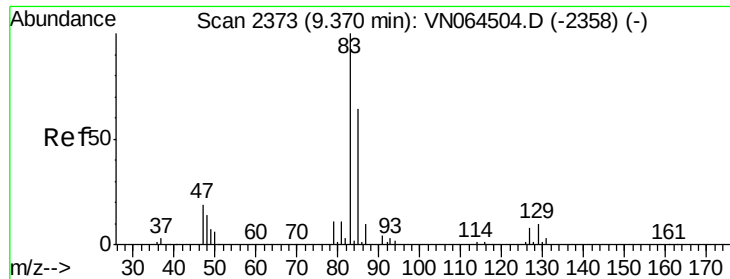
Tot Ion: 63 Resp: 542849
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6



#40
 Dibromomethane
 Concen: 110.777 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion: 93 Resp: 362546
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 164.6
 174 84.7 0.0 165.6





#41

Bromodichloromethane

Concen: 114.298 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

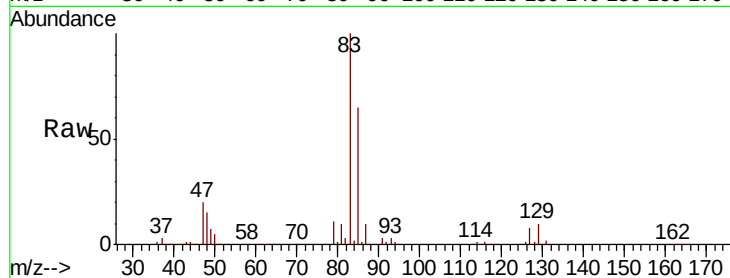
Tot Ion: 83 Resp: 793013

Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.4

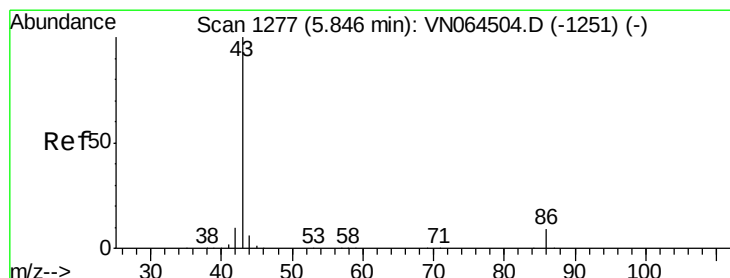
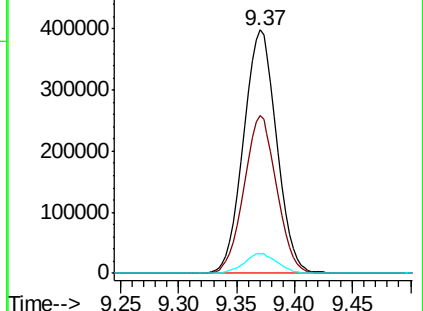
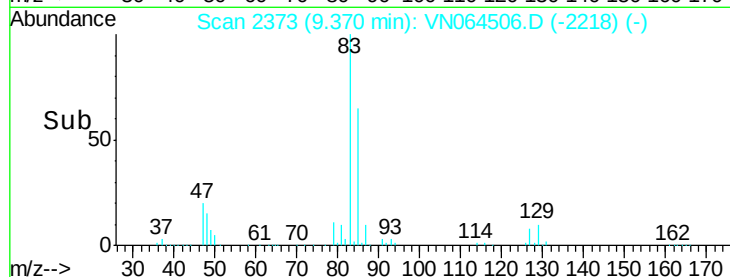
127 8.2 6.2 9.4



Abundance Ion 83.00 (82.70 to 83.70): VN064506.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN064506.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN064506.D (-2218) (-)



#42

Vinyl Acetate

Concen: 605.779 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064506.D

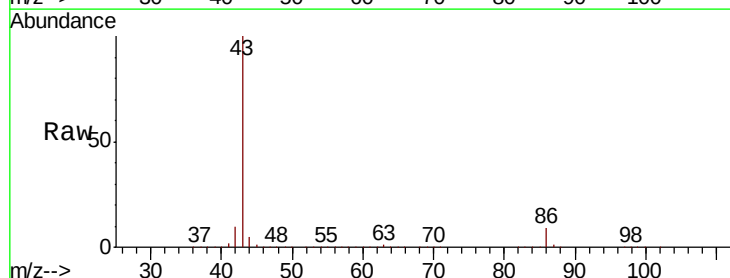
Acq: 9 Nov 2020 12:37

Tgt Ion: 43 Resp: 7244031

Ion Ratio Lower Upper

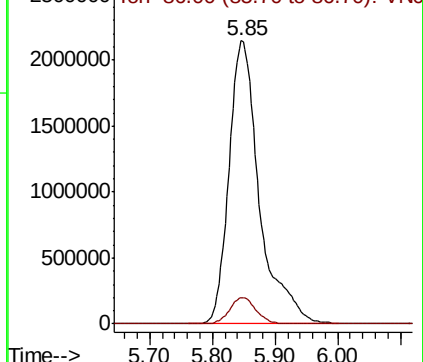
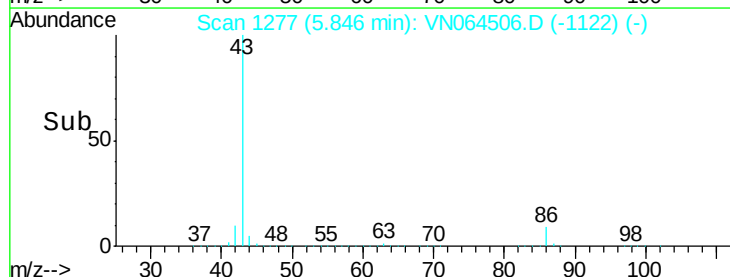
43 100

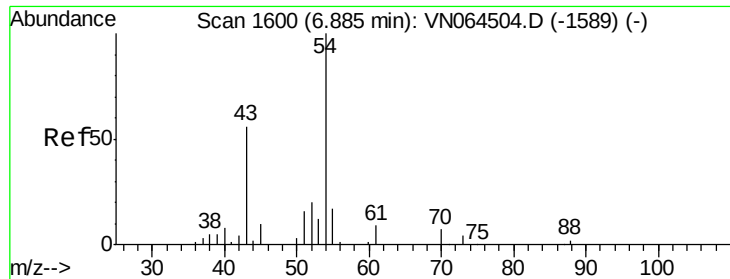
86 8.1 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VN064506.D (-1122) (-)

Ion 86.00 (85.70 to 86.70): VN064506.D (-1122) (-)

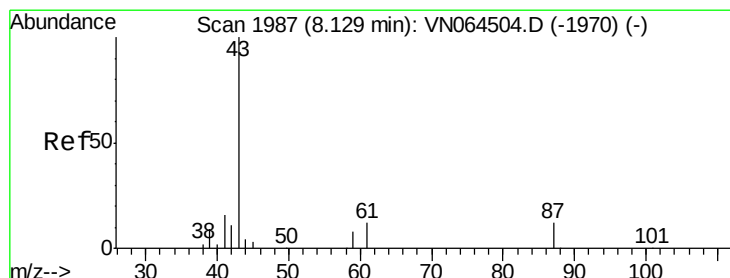
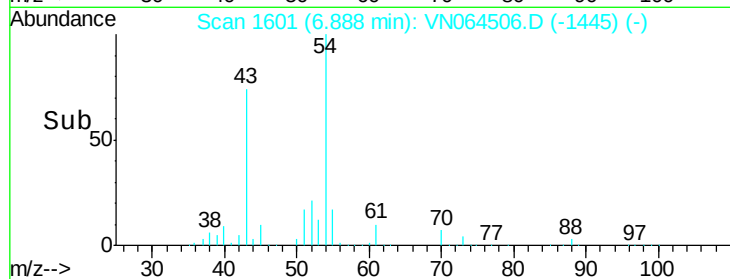
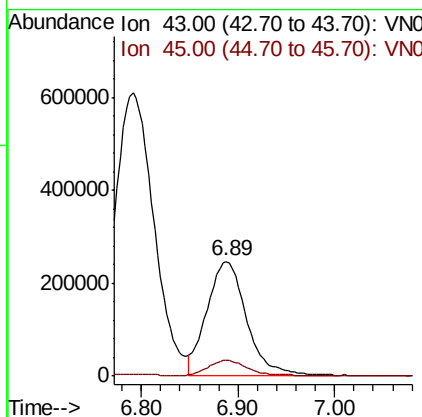
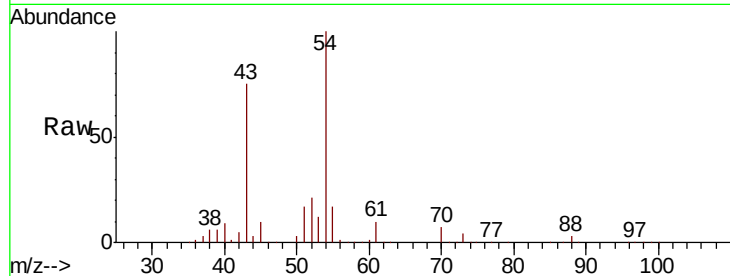




#43
Ethyl Acetate
Concen: 124.819 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

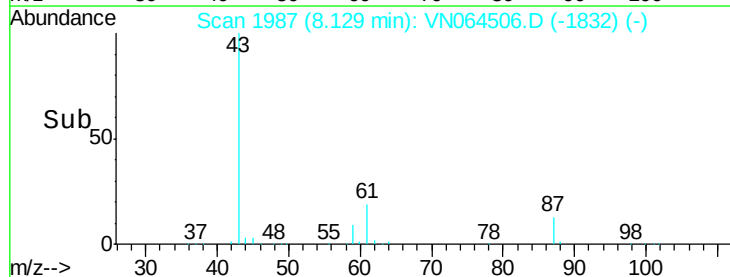
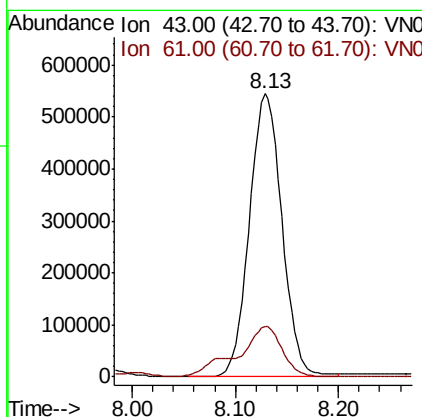
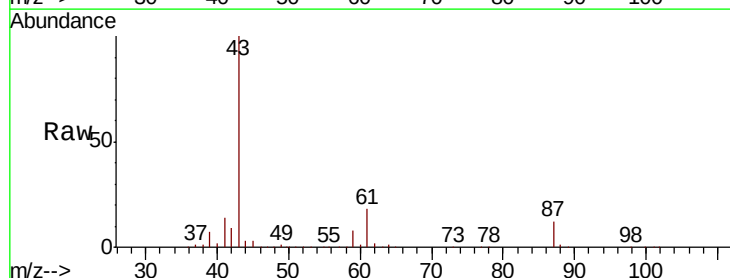
Instrument :
MSVOA_N
ClientSampled :

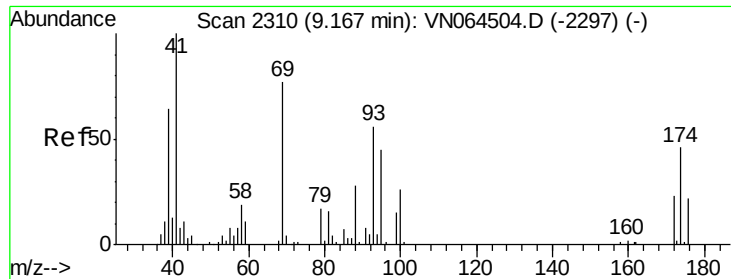
Tot Ion: 43 Resp: 692637
Ion Ratio Lower Upper
43 100
45 14.6 10.9 16.3



#44
Isopropyl Acetate
Concen: 122.688 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion: 43 Resp: 1190587
Ion Ratio Lower Upper
43 100
61 18.0 13.0 19.4

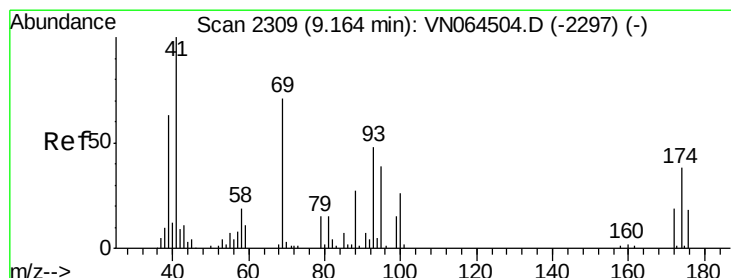
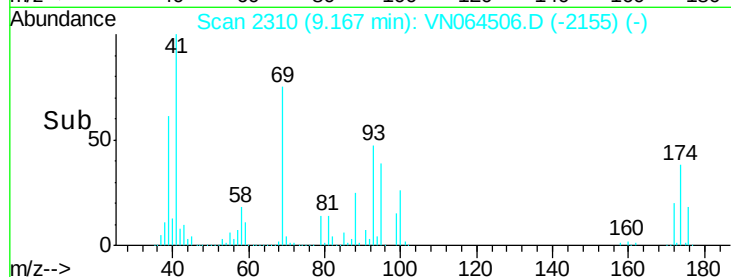
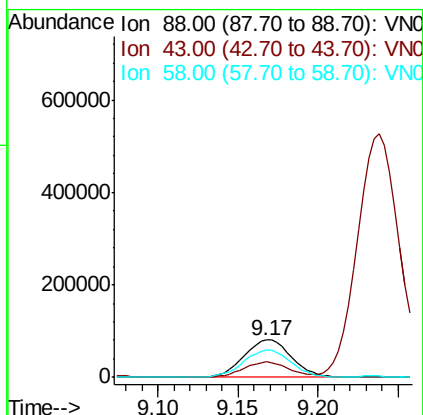
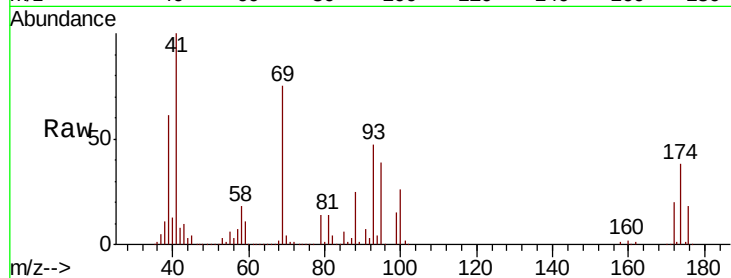




#45
 1,4-Dioxane
 Concen: 2367.000 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

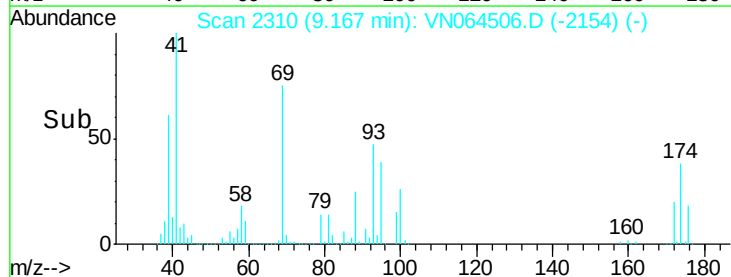
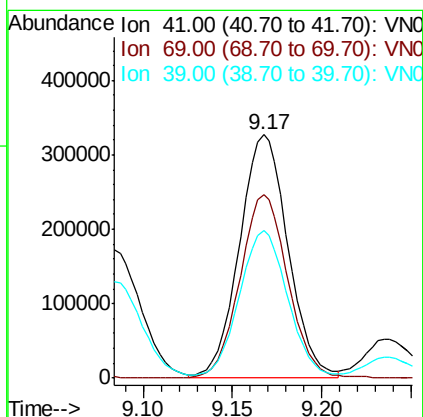
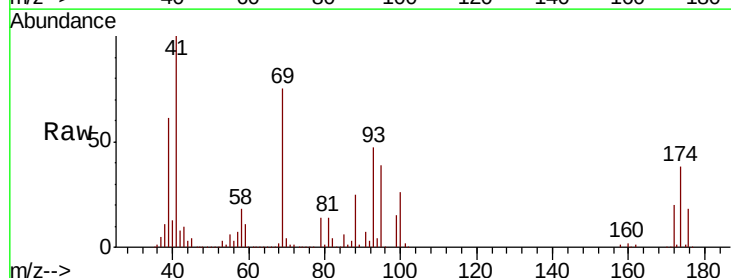
Instrument :
 MSVOA_N
 ClientSampleId :

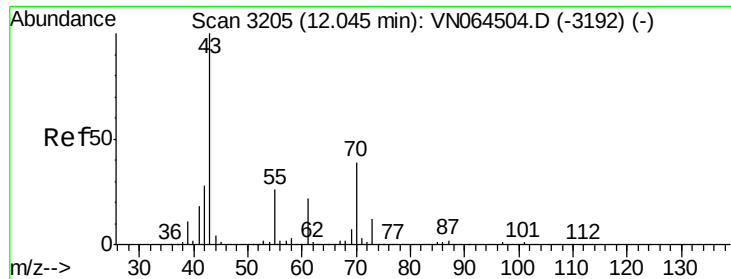
Tot Ion: 88 Resp: 164094
 Ion Ratio Lower Upper
 88 100
 43 37.9 30.6 46.0
 58 73.4 57.9 86.9



#46
 Methyl methacrylate
 Concen: 129.048 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion: 41 Resp: 618805
 Ion Ratio Lower Upper
 41 100
 69 76.3 35.4 106.2
 39 60.2 31.6 94.7





#47

n-amvl Acetate

Concen: 135.242 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

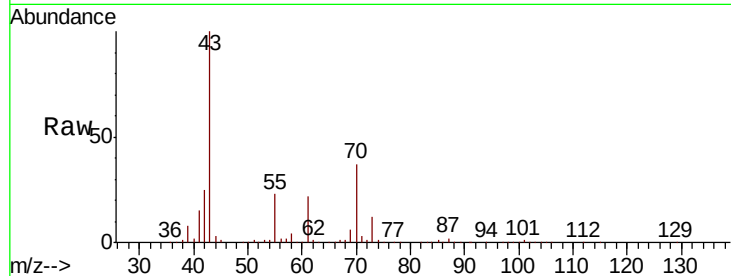
ClientSampleId :

Tot Ion: 43 Resp: 1118894

Ion Ratio Lower Upper

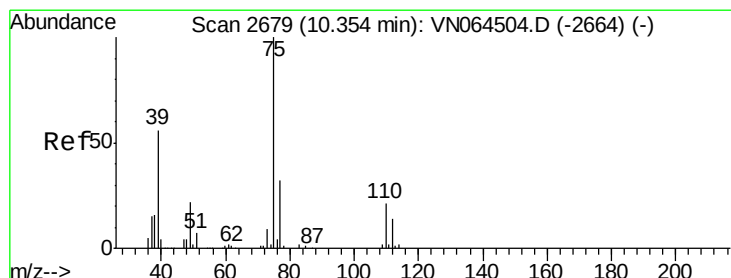
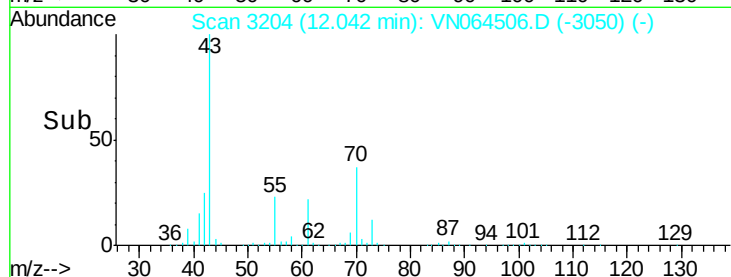
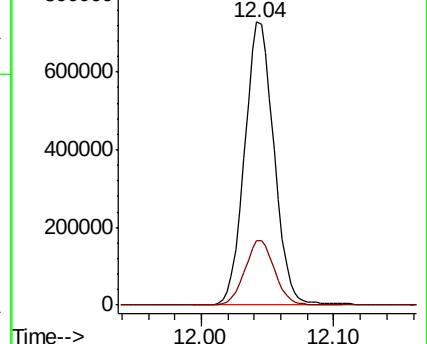
43 100

55 23.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN064506.D (-3050) (-)

Ion 55.00 (54.70 to 55.70): VN064506.D (-3050) (-)



#48

t-1,3-Dichloropropene

Concen: 115.787 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064506.D

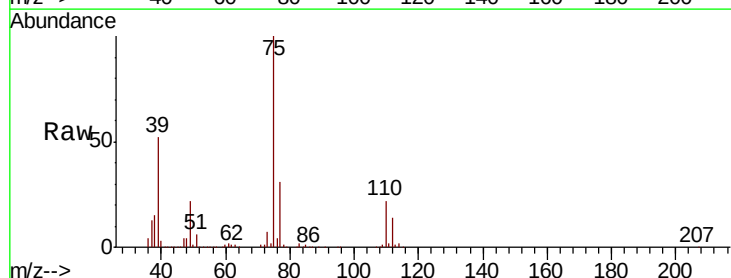
Acq: 9 Nov 2020 12:37

Tgt Ion: 75 Resp: 881355

Ion Ratio Lower Upper

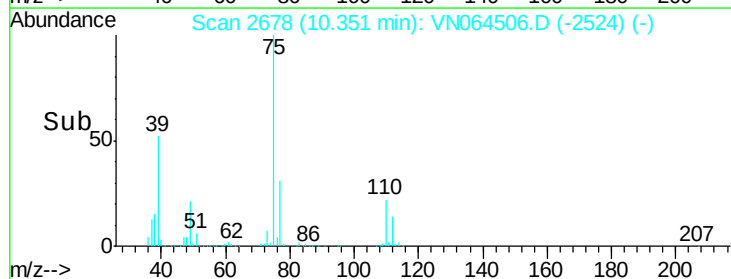
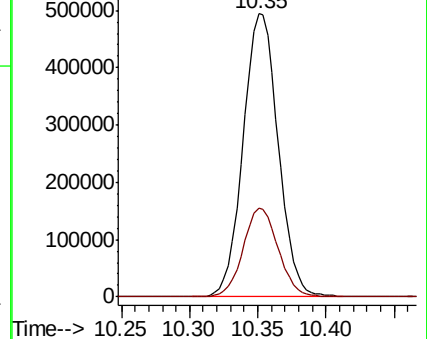
75 100

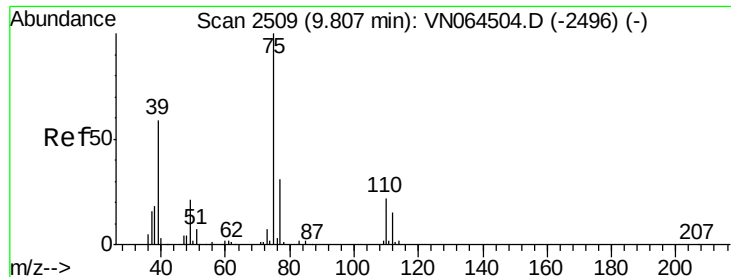
77 31.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VN064506.D (-2524) (-)

Ion 77.00 (76.70 to 77.70): VN064506.D (-2524) (-)



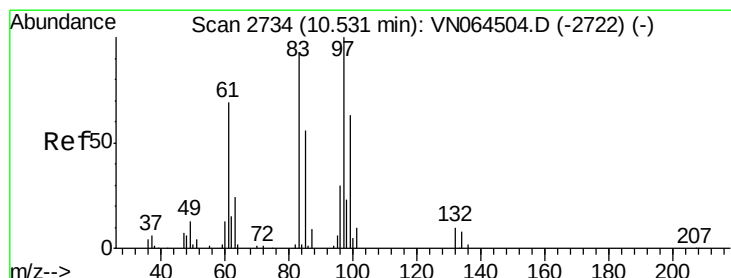
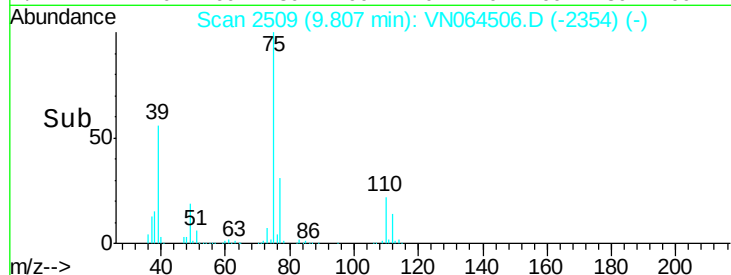
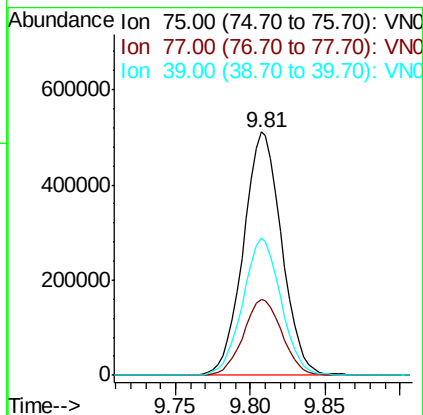
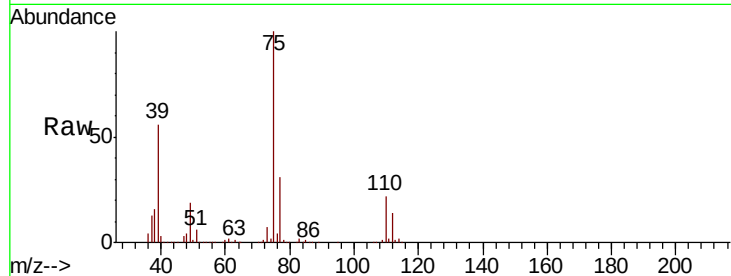


#49

cis-1,3-Dichloropropene
 Concen: 115.798 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Instrument :
 MSVOA_N
 ClientSampled :

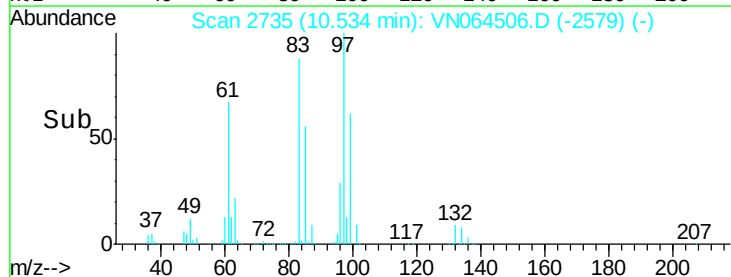
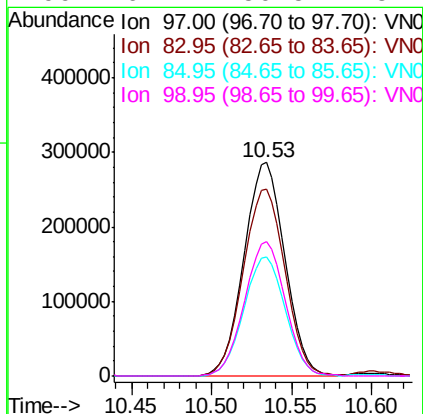
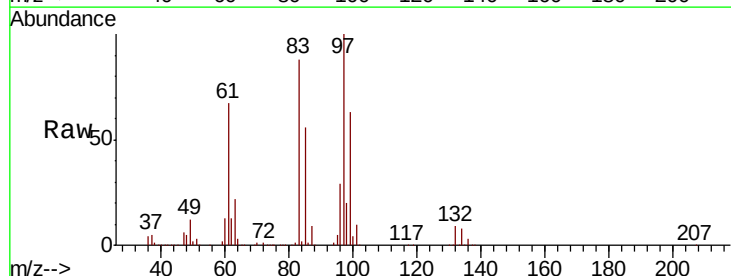
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	56.3	47.4	71.0

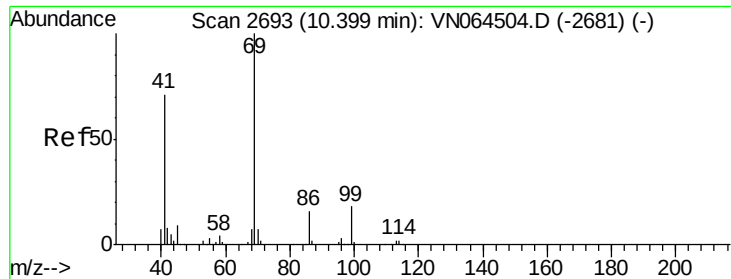


#50

1,1,2-Trichloroethane
 Concen: 114.285 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	74.2	111.4
85	56.0	44.8	67.2
99	62.7	50.5	75.7





#51

Ethyl methacrylate

Concen: 125.948 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

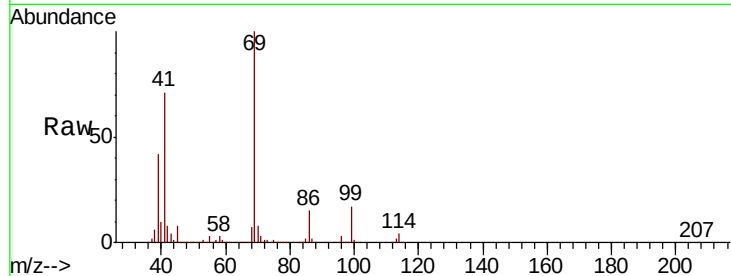
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 69 Resp: 791829

Ion	Ratio	Lower	Upper
69	100		
41	70.7	35.4	106.1
39	41.9	24.1	72.2

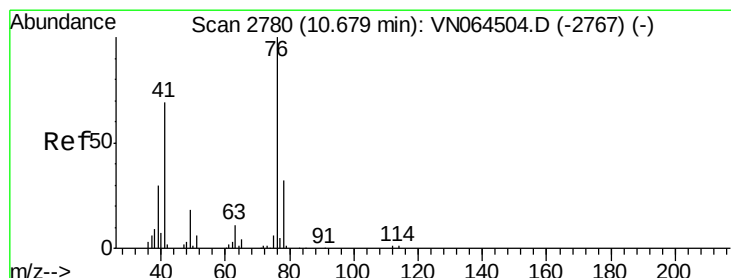
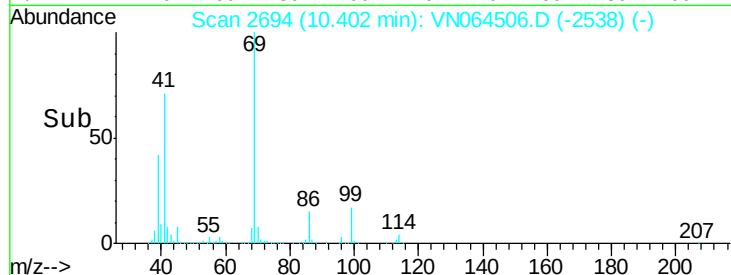
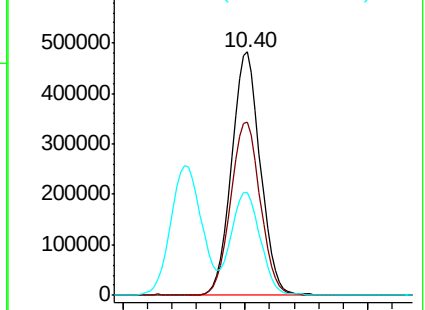


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 118.326 ug/l

RT: 10.68 min Scan# 2780

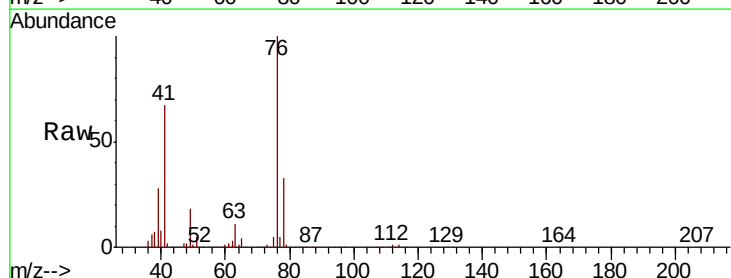
Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Tgt Ion: 76 Resp: 874048

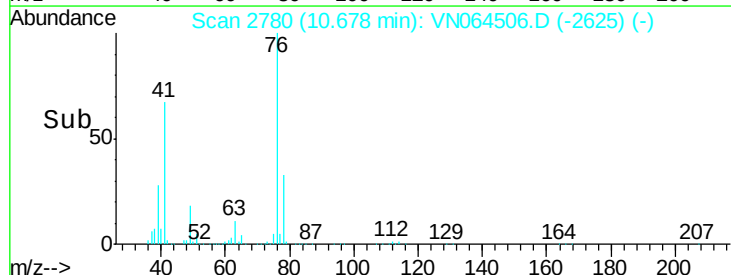
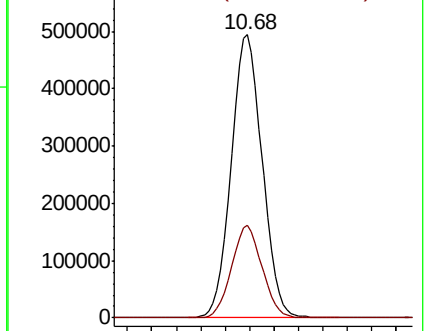
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	65.2

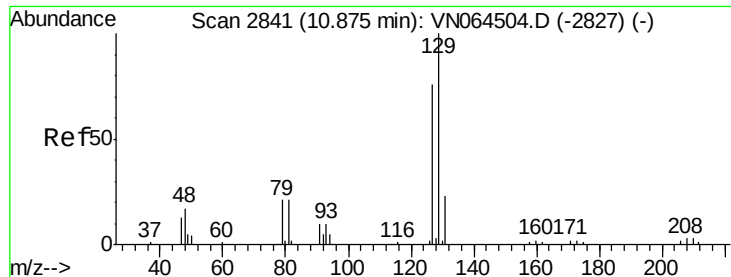


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

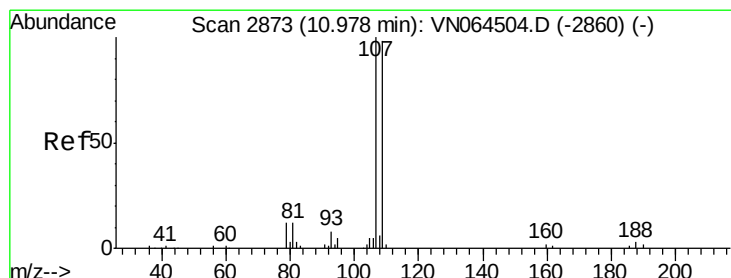
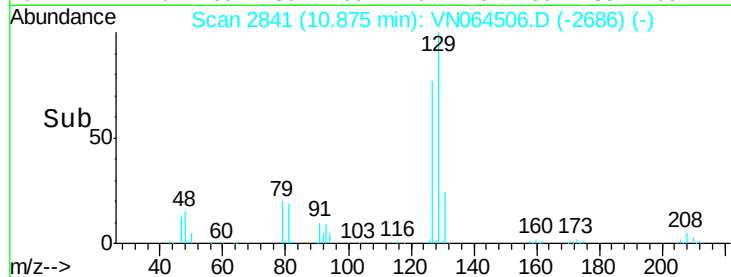
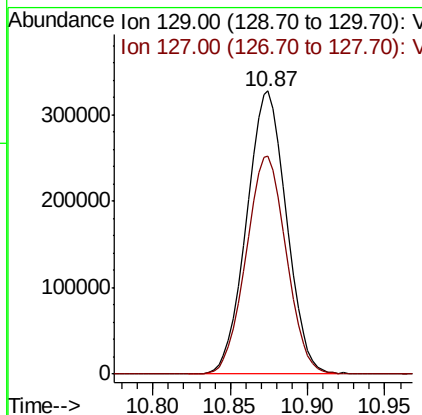
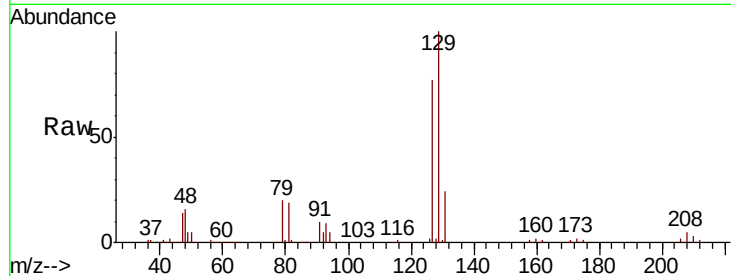




#53
Dibromochloromethane
Concen: 110.003 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

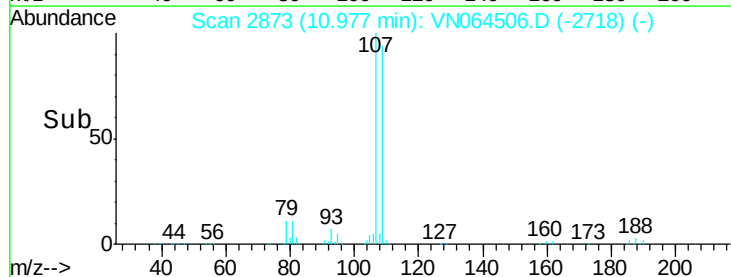
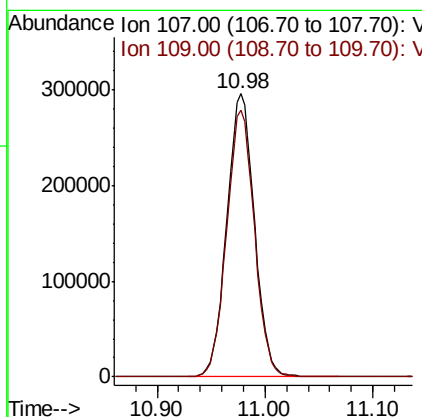
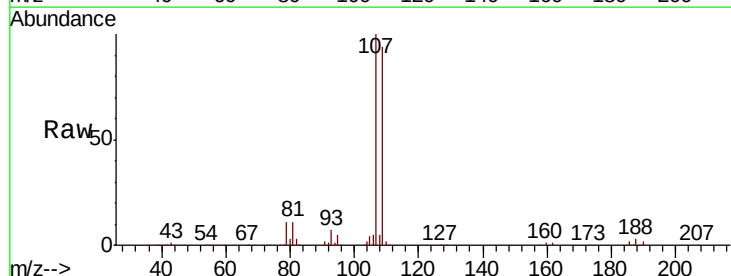
Instrument :
MSVOA_N
ClientSampled :

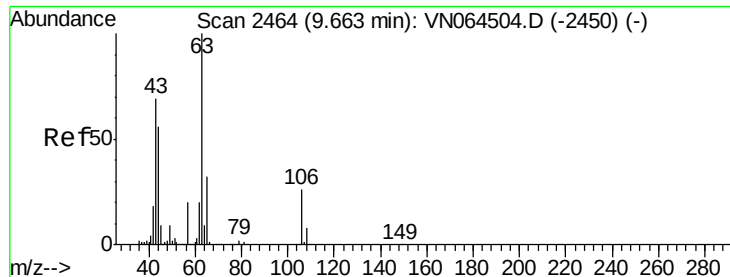
Tot Ion:129 Resp: 588856
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2



#54
1,2-Dibromoethane
Concen: 113.881 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion:107 Resp: 529094
Ion Ratio Lower Upper
107 100
109 94.7 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 584.837 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

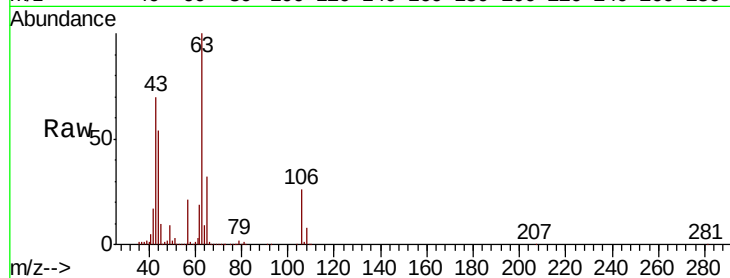
Tot Ion: 63 Resp: 2002912

Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.7	38.5
106	25.2	19.9	29.9

63 100

65 31.7 25.7 38.5

106 25.2 19.9 29.9



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

Ion 106.00 (105.70 to 106.70): VN0

9.66

1500000

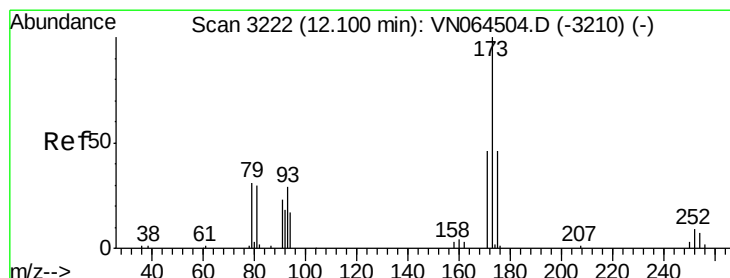
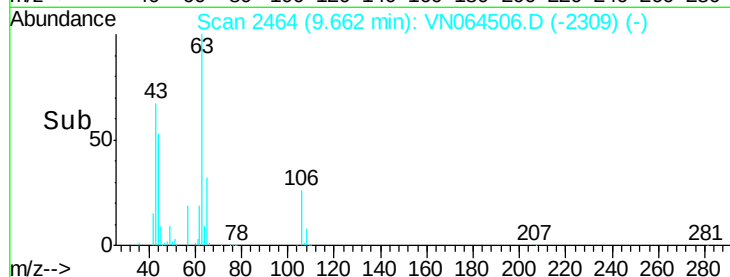
1000000

500000

0

Time-->

9.60 9.70 9.80



#56

Bromoform

Concen: 105.284 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

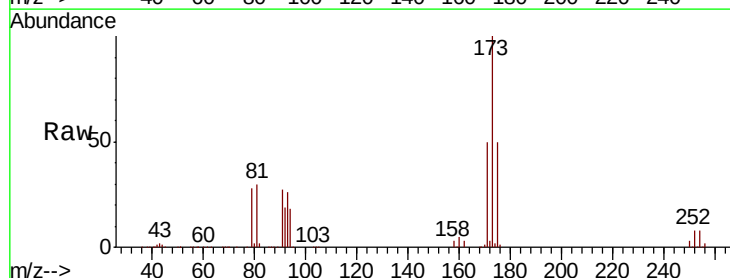
Tgt Ion: 173 Resp: 395513

Ion	Ratio	Lower	Upper
173	100		
175	48.5	37.1	55.7
254	7.4	5.4	8.2

173 100

175 48.5 37.1 55.7

254 7.4 5.4 8.2



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

12.10

300000

250000

200000

150000

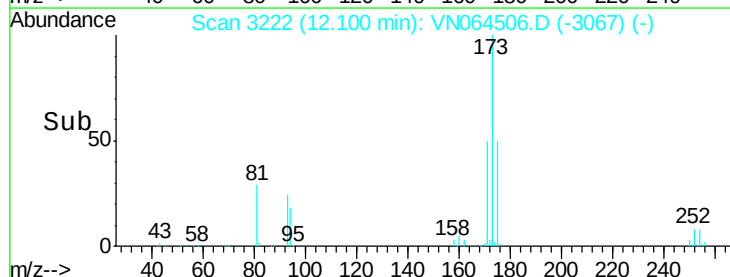
100000

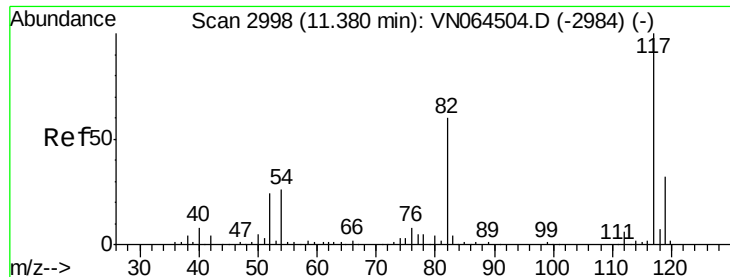
50000

0

Time-->

12.00 12.05 12.10 12.15

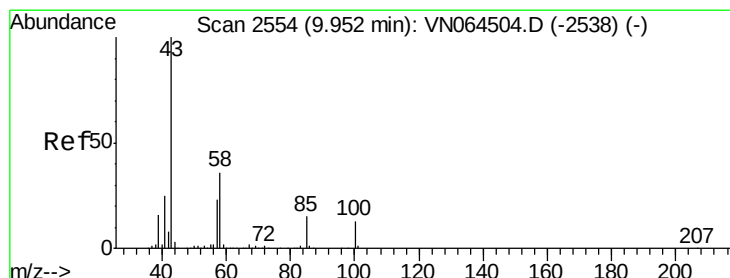
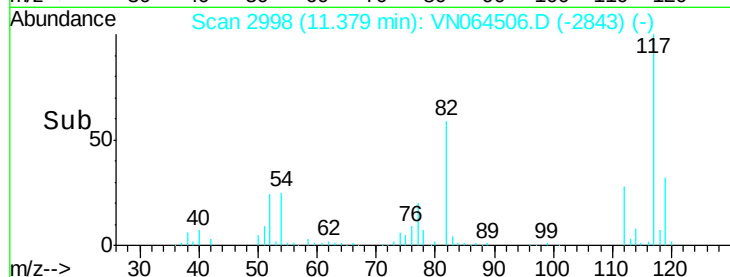
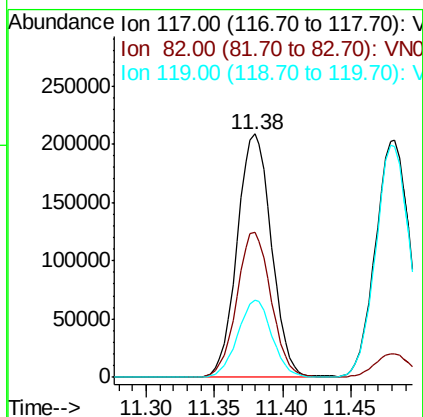
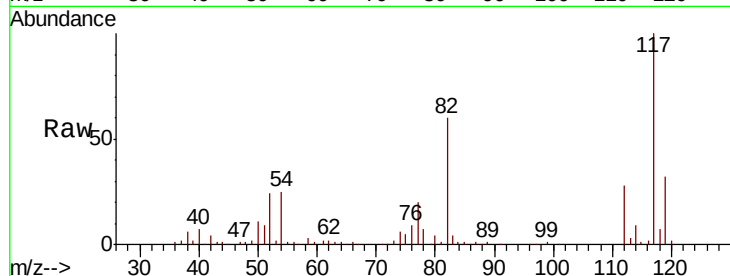




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

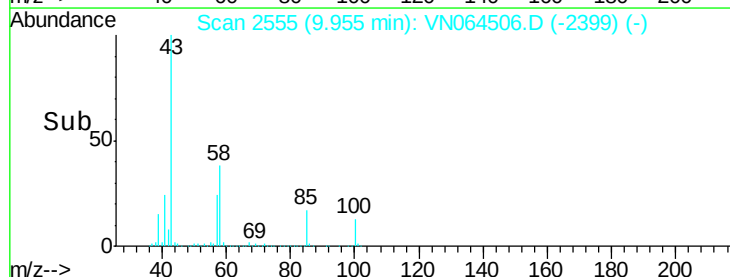
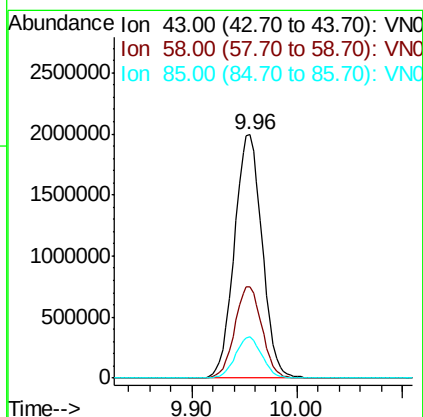
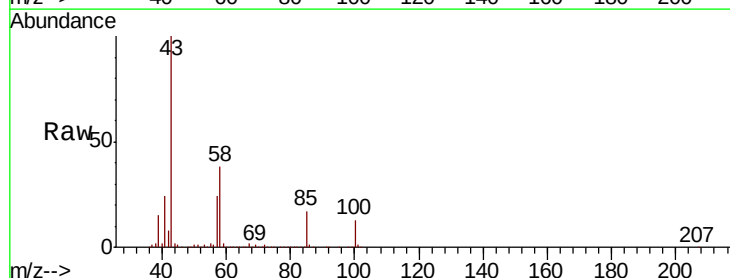
Instrument :
MSVOA_N
ClientSampled :

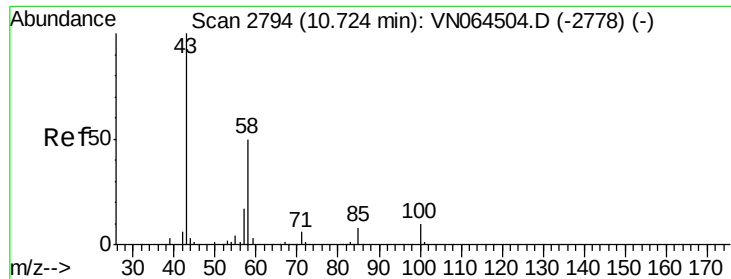
Tot Ion:117 Resp: 365494
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.5 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 610.506 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion: 43 Resp: 3616293
Ion Ratio Lower Upper
43 100
58 37.1 28.8 43.2
85 16.3 12.3 18.5

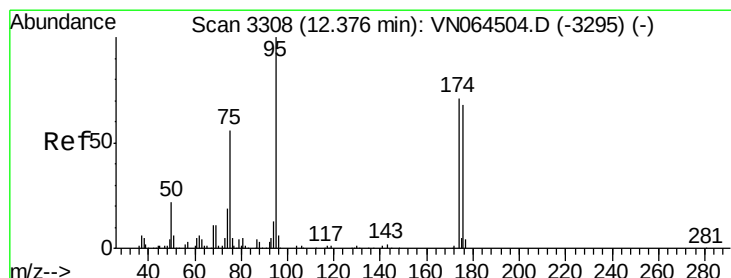
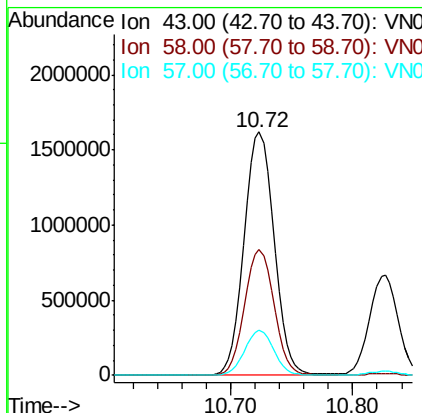
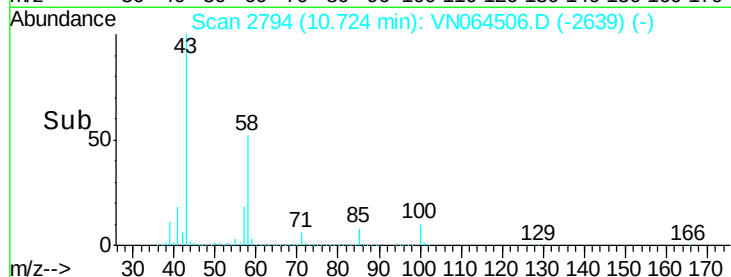
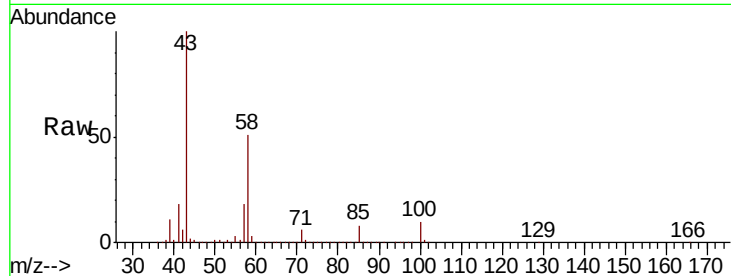




#59
2-Hexanone
Concen: 625.215 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

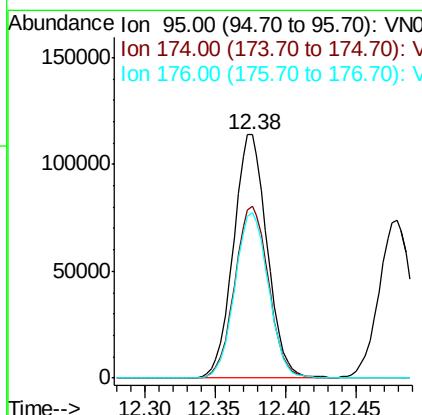
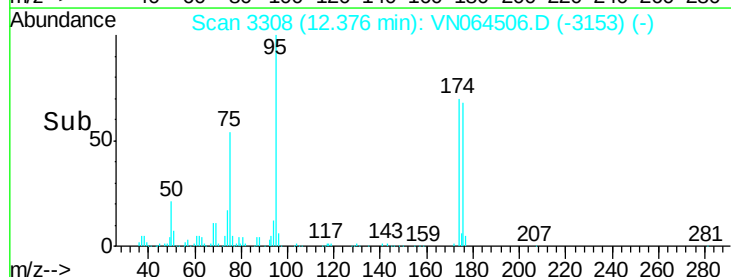
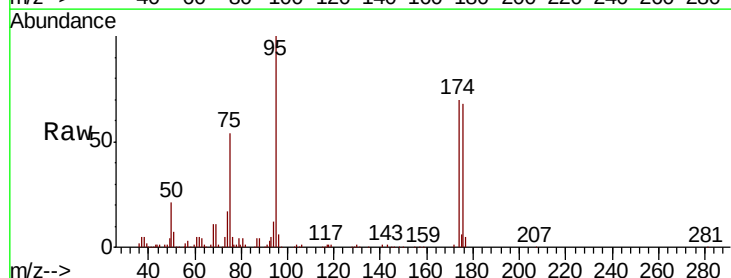
Instrument :
MSVOA_N
ClientSampleId :

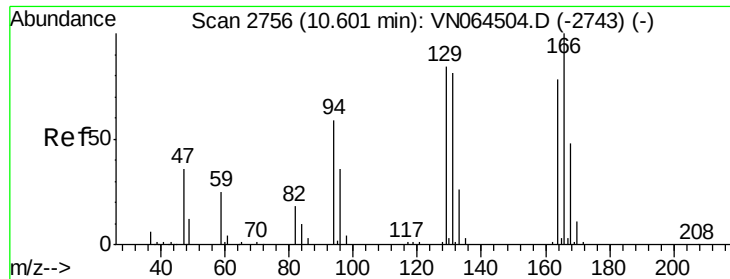
Tot Ion: 43 Resp: 2748279
Ion Ratio Lower Upper
43 100
58 50.6 38.2 57.4
57 17.9 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 30.727 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion: 95 Resp: 191061
Ion Ratio Lower Upper
95 100
174 70.9 56.4 84.6
176 67.6 53.3 79.9





#61

Tetrachloroethene

Concen: 94.880 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 462195

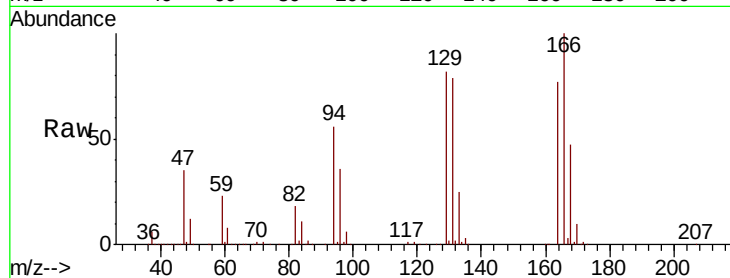
Ion Ratio Lower Upper

164 100

166 130.1 103.2 154.8

129 107.2 86.4 129.6

131 102.1 84.0 126.0

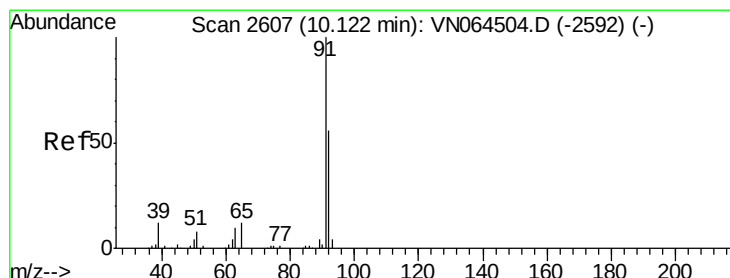
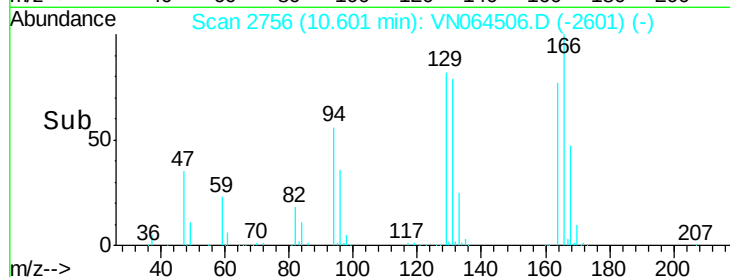
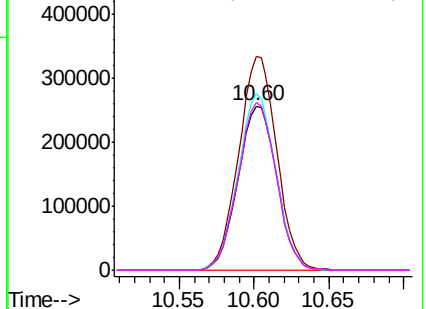


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 109.385 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064506.D

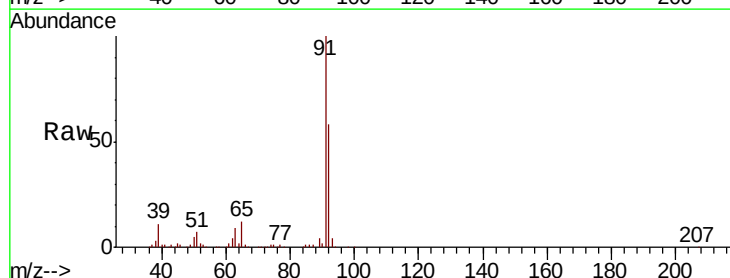
Acq: 9 Nov 2020 12:37

Tgt Ion: 91 Resp: 2254169

Ion Ratio Lower Upper

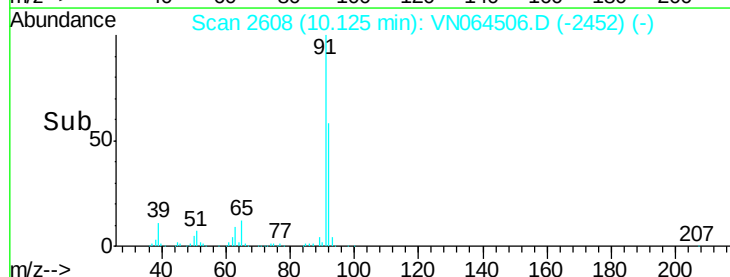
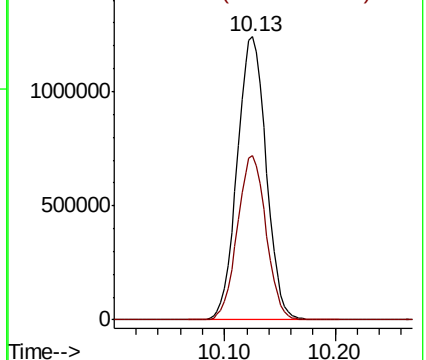
91 100

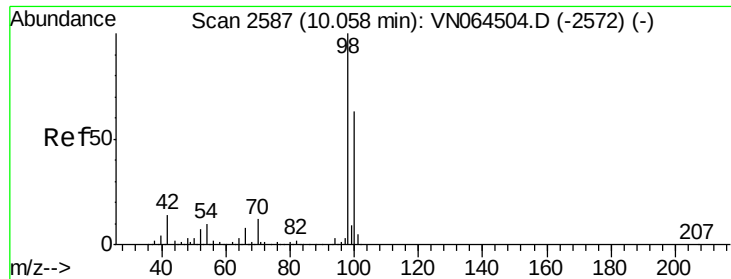
92 57.8 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.406 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

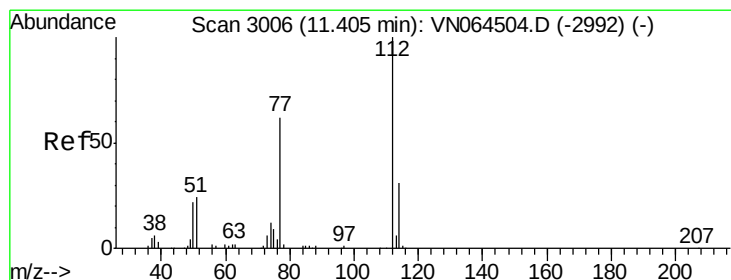
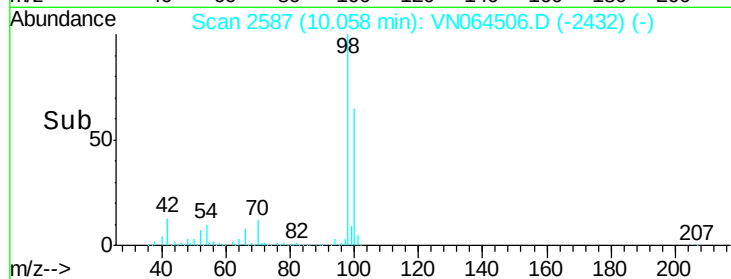
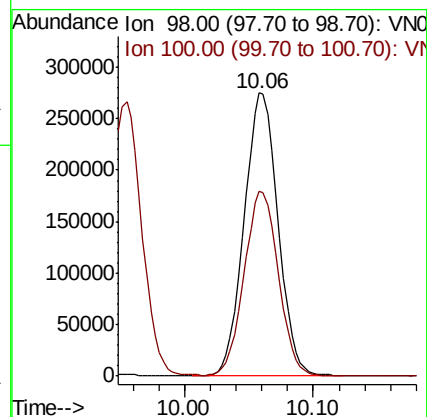
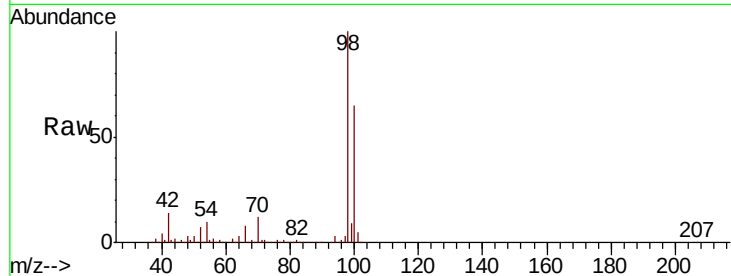
ClientSampleId :

Tot Ion: 98 Resp: 503447

Ion Ratio Lower Upper

98 100

100 65.7 49.4 74.2



#64

Chlorobenzene

Concen: 105.870 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064506.D

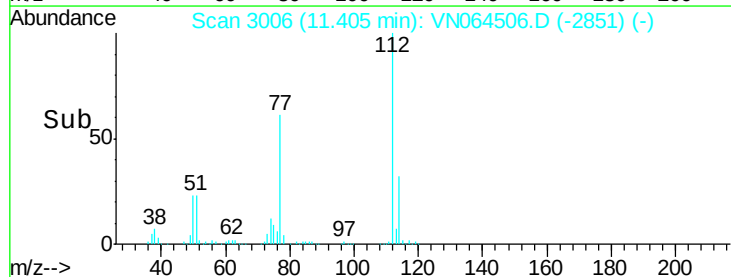
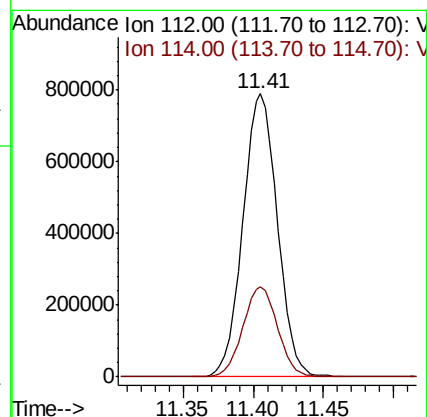
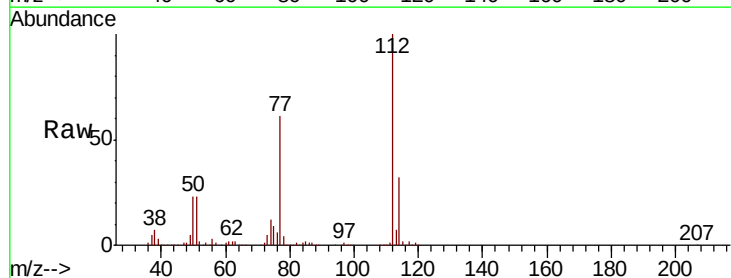
Acq: 9 Nov 2020 12:37

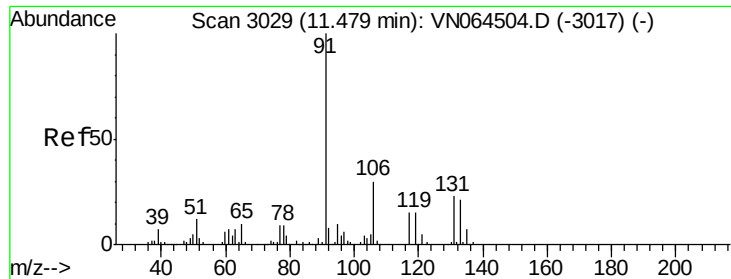
Tgt Ion: 112 Resp: 1351355

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 107.470 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

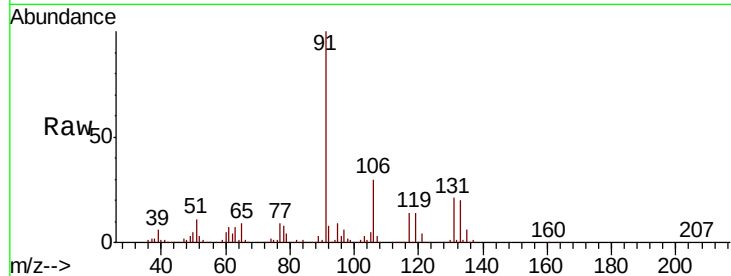
Tot Ion:131 Resp: 531802

Ion Ratio Lower Upper

131 100

133 93.3 0.0 191.2

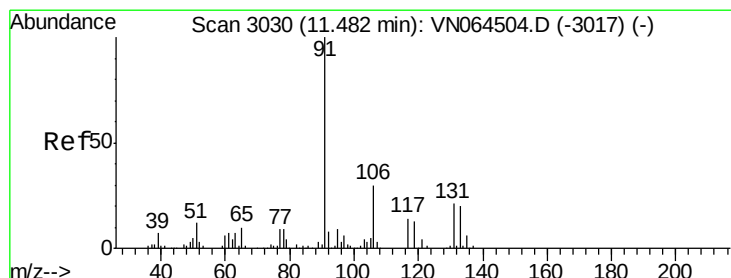
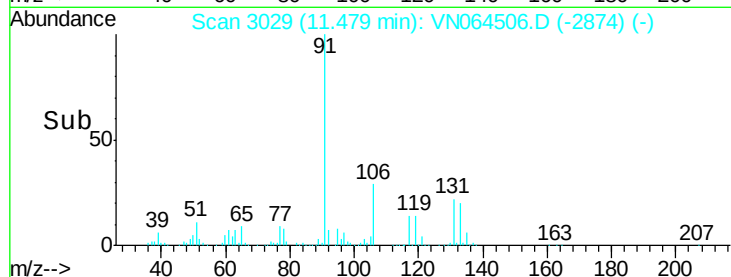
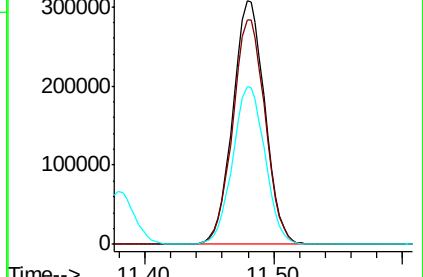
119 65.1 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 113.093 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064506.D

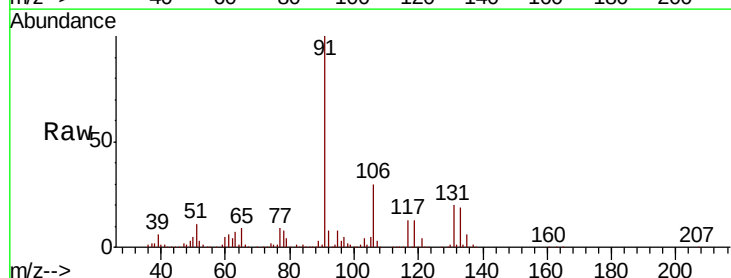
Acq: 9 Nov 2020 12:37

Tgt Ion: 91 Resp: 2544171

Ion Ratio Lower Upper

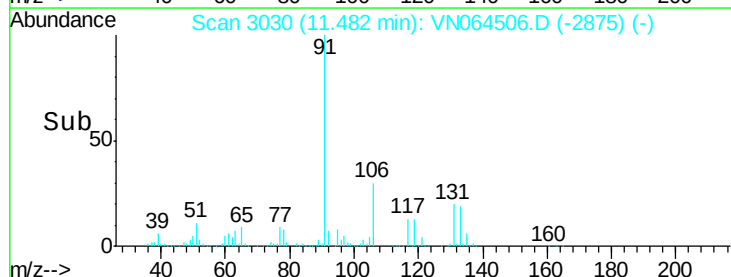
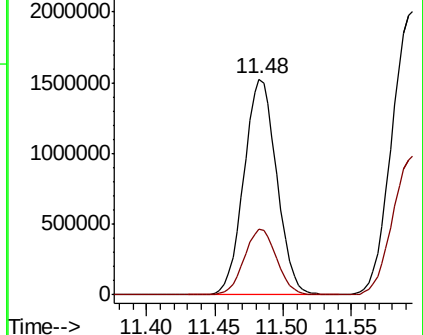
91 100

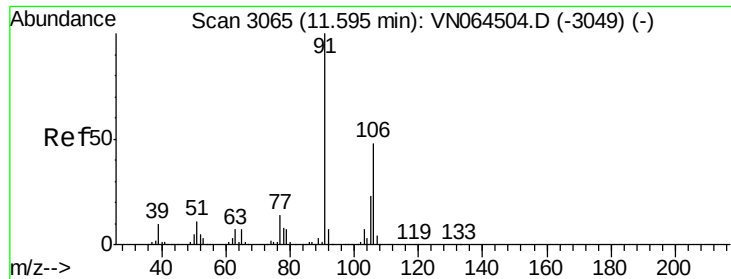
106 30.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

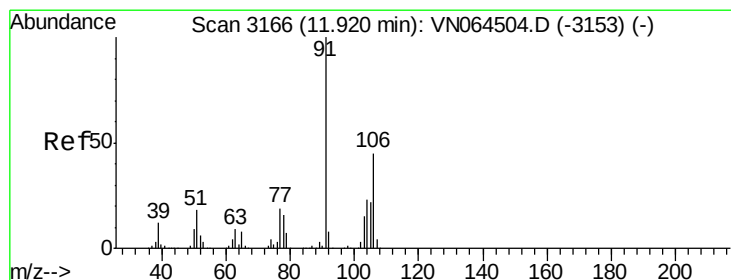
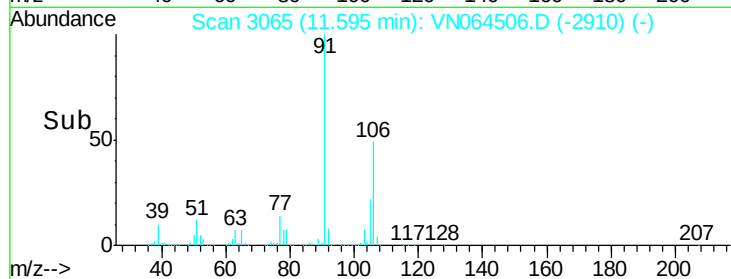
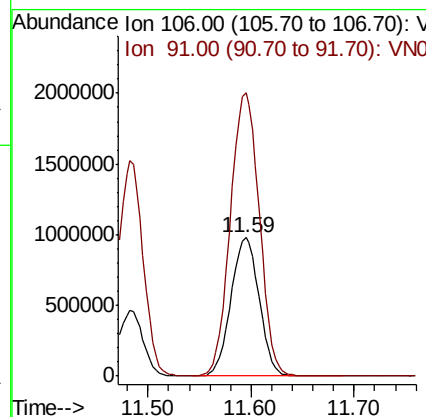
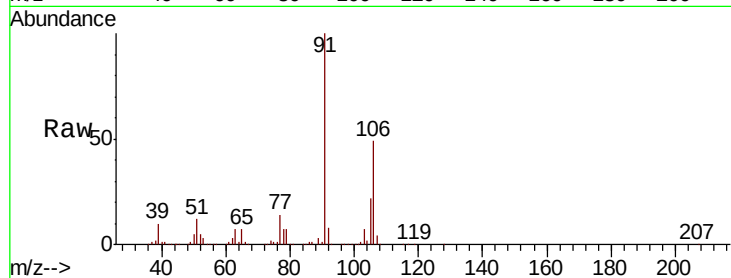




#67
m/p-Xylenes
Concen: 221.015 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

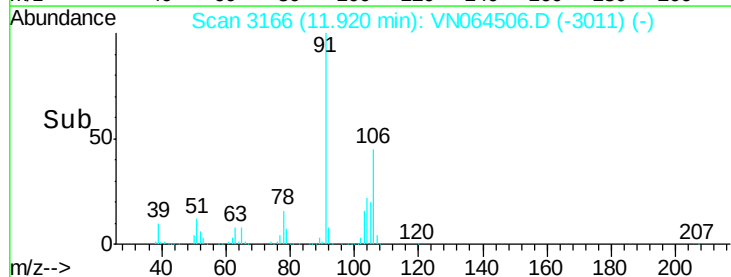
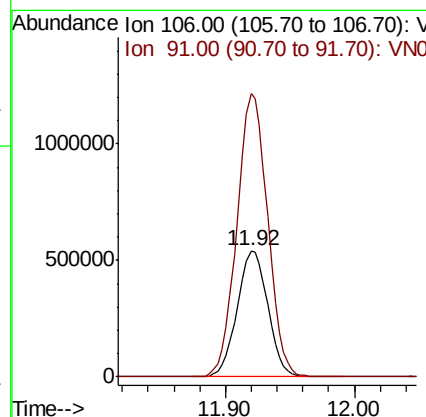
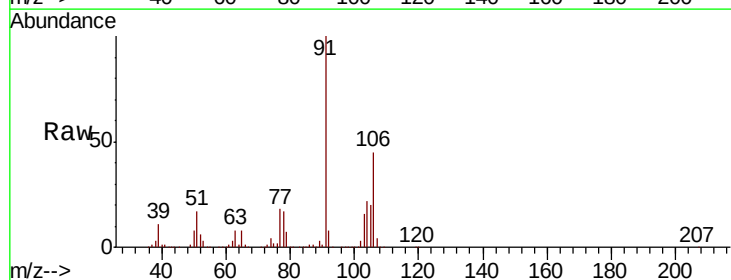
Instrument :
MSVOA_N
ClientSampled :

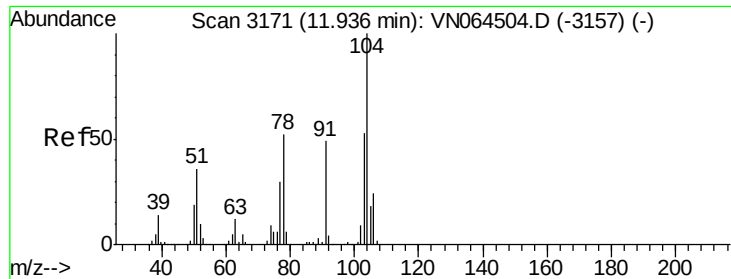
Tot Ion:106 Resp: 1871545
Ion Ratio Lower Upper
106 100
91 209.2 168.8 253.2



#68
o-Xylene
Concen: 110.529 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion:106 Resp: 897527
Ion Ratio Lower Upper
106 100
91 224.3 109.7 329.2

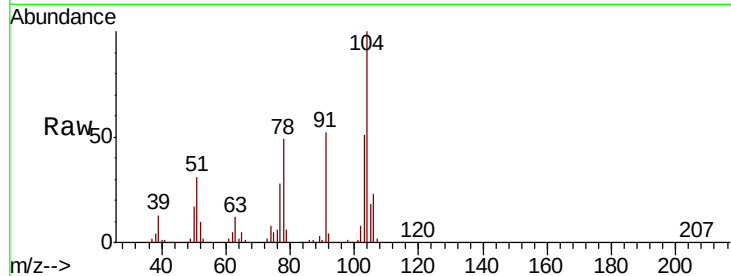




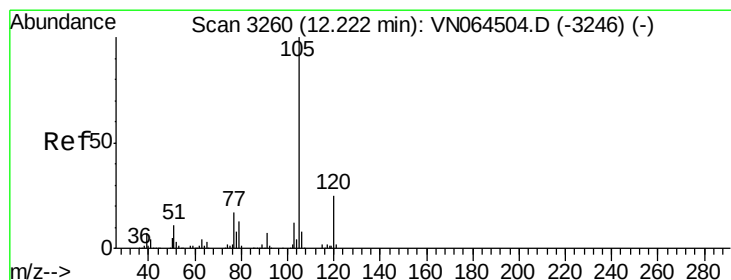
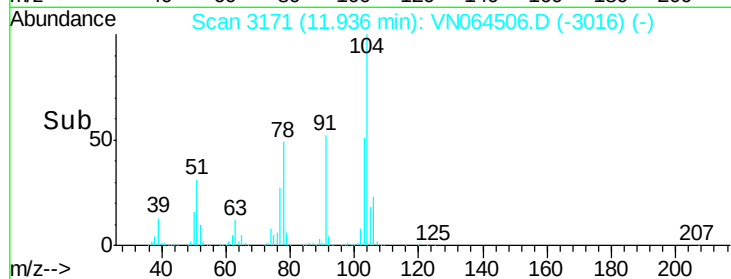
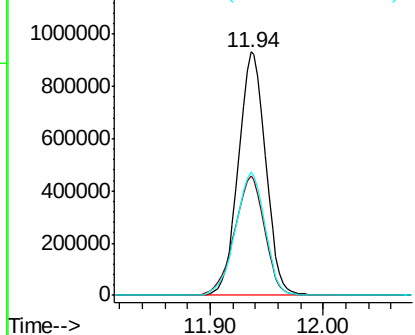
#69
Stvrene
Concen: 115.157 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:104 Resp: 1569635
Ion Ratio Lower Upper
104 100
78 54.0 44.4 66.6
103 55.0 44.6 67.0

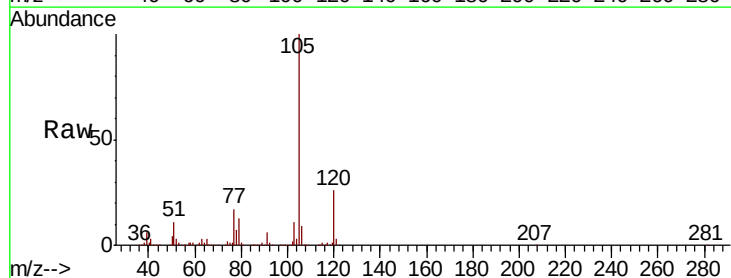


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

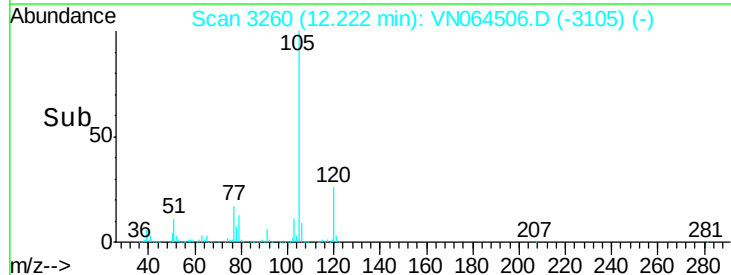
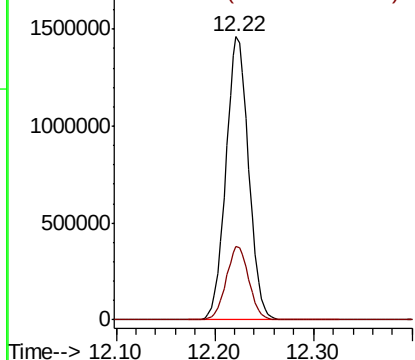


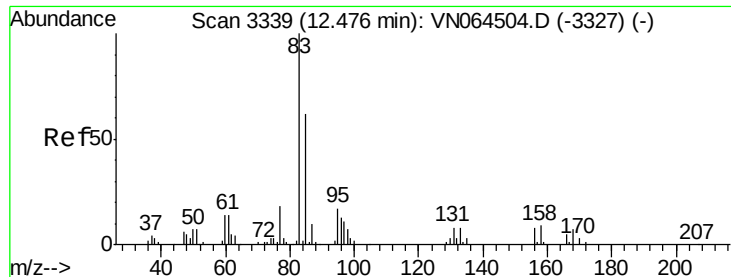
#70
Isopropylbenzene
Concen: 111.979 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion:105 Resp: 2357175
Ion Ratio Lower Upper
105 100
120 26.0 17.9 33.3



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

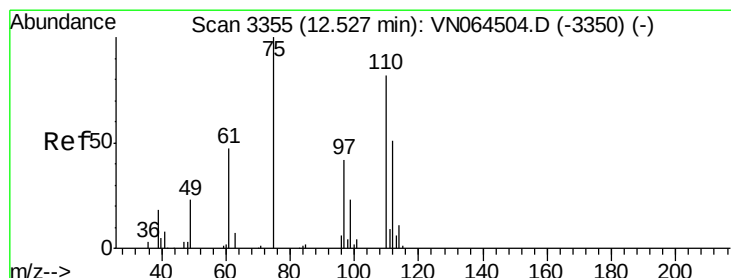
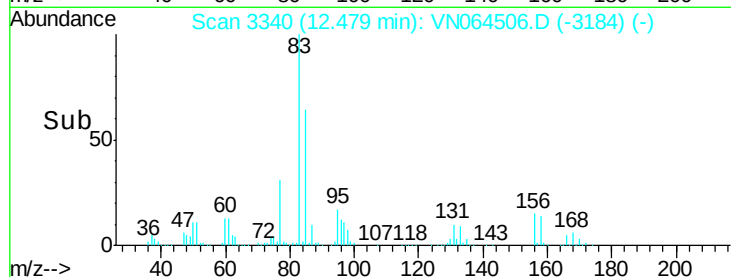
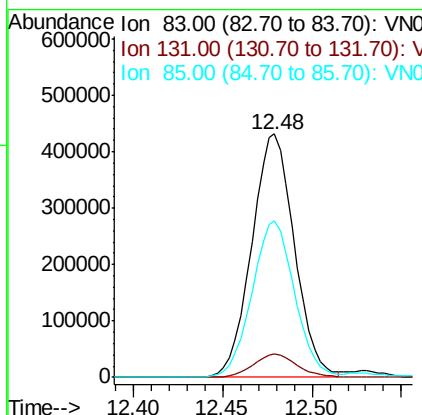
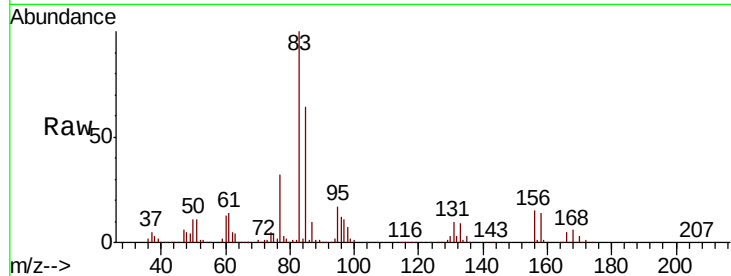




#71
 1,1,2,2-Tetrachloroethane
 Concen: 120.147 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

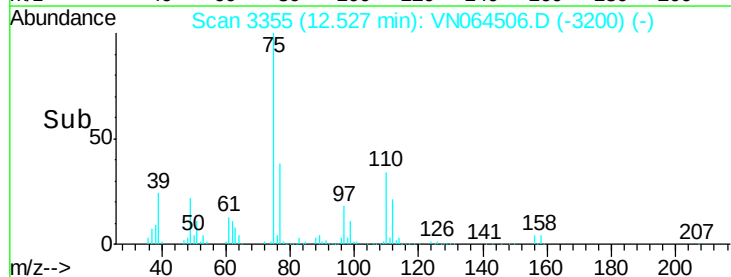
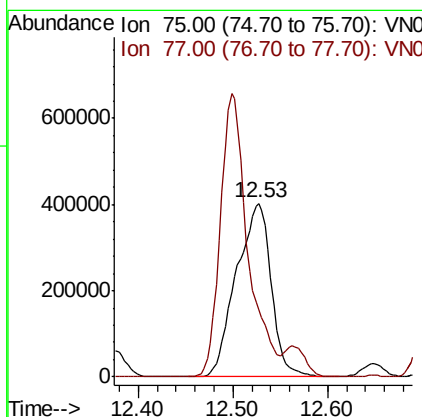
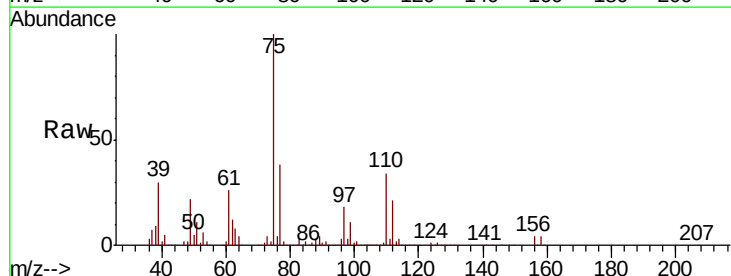
Instrument :
 MSVOA_N
 ClientSampled :

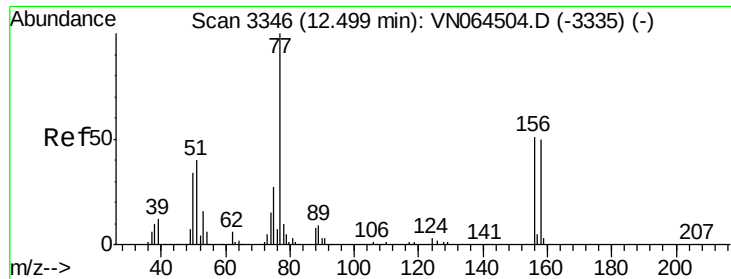
Tot Ion	83	Resp	722053
Ion Ratio	100		
Lower	4.6		
Upper	13.8		
85	64.1	31.4	94.0



#72
 1,2,3-Trichloropropane
 Concen: 166.267 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion	75	Resp	1029552
Ion Ratio	100		
Lower	0.0		
Upper	379.4		
77	129.4	0.0	379.4





#73

Bromobenzene

Concen: 104.943 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

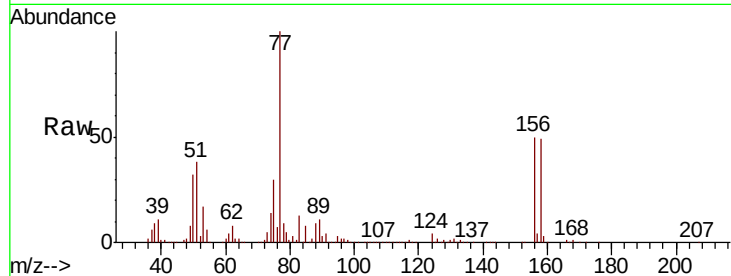
Tot Ion:156 Resp: 565805

Ion Ratio Lower Upper

156 100

77 235.5 0.0 480.2

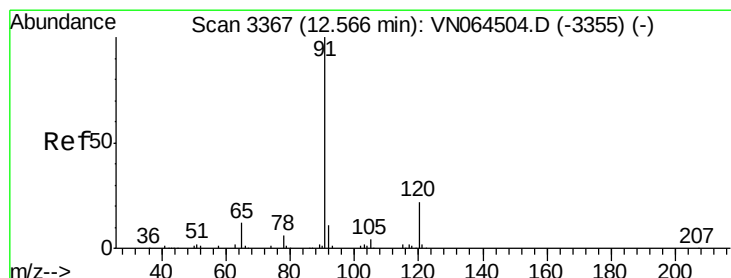
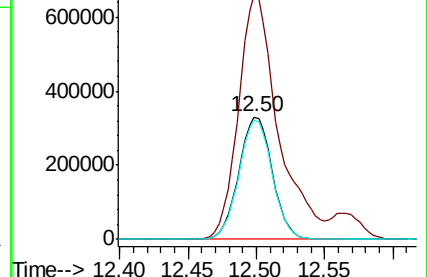
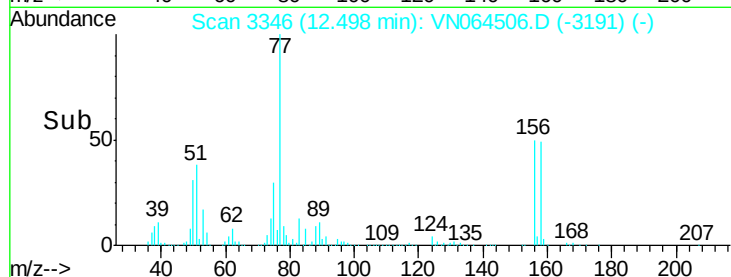
158 96.6 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 118.467 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064506.D

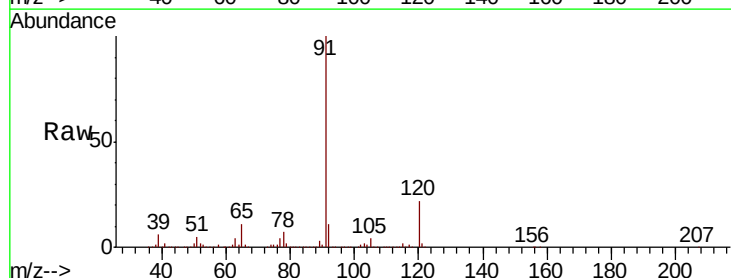
Acq: 9 Nov 2020 12:37

Tgt Ion: 91 Resp: 2769554

Ion Ratio Lower Upper

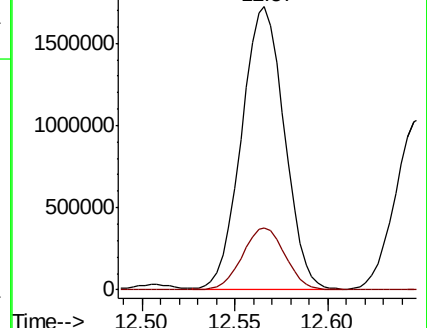
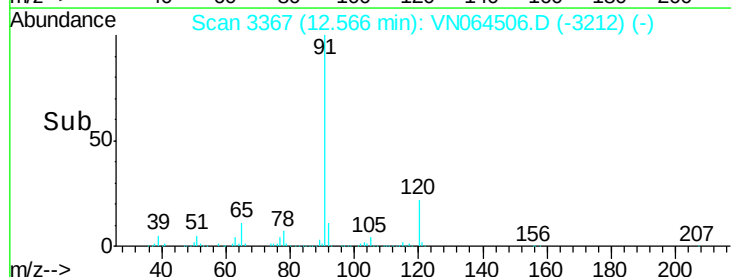
91 100

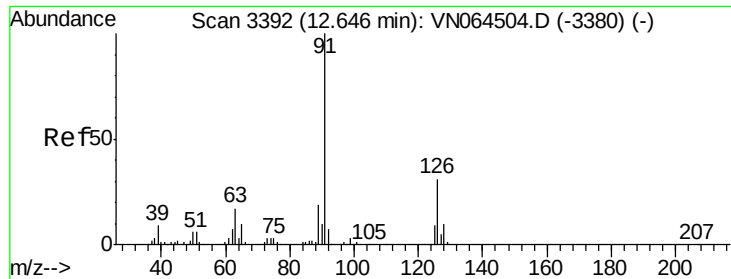
120 21.9 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

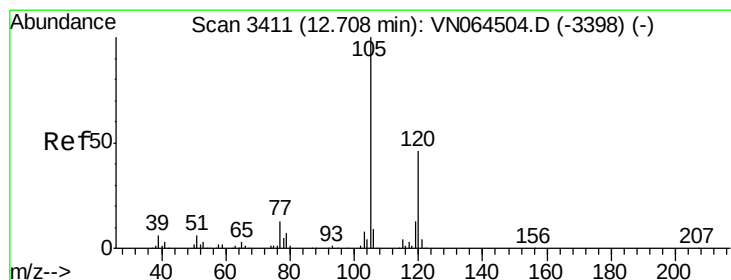
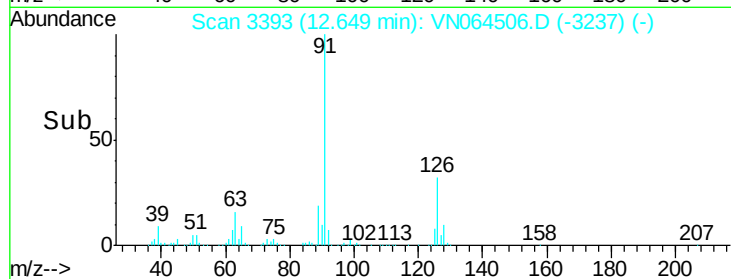
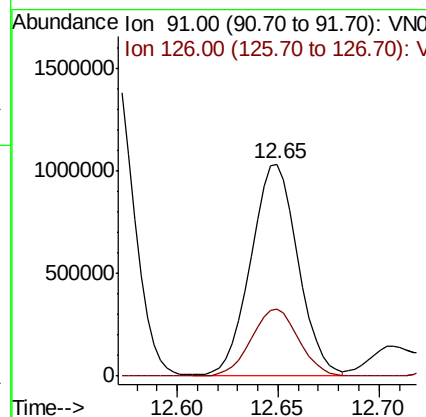
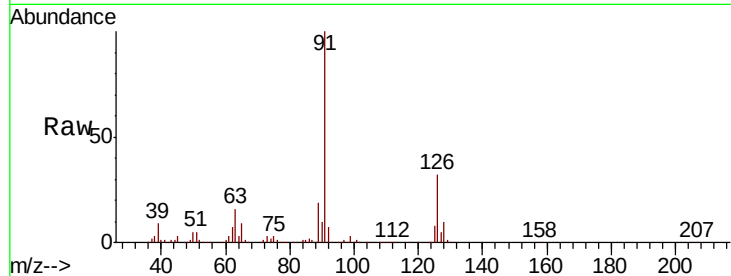




#75
 2-Chlorotoluene
 Concen: 114.821 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

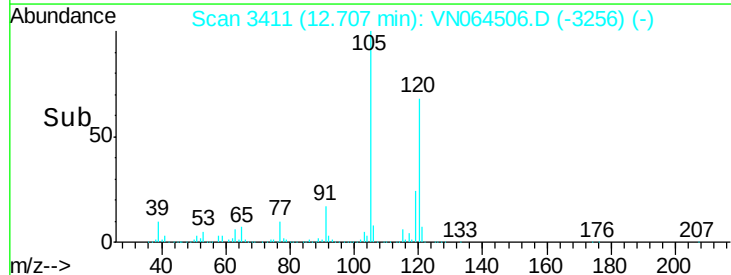
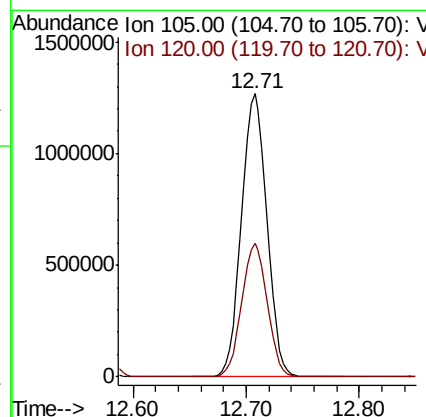
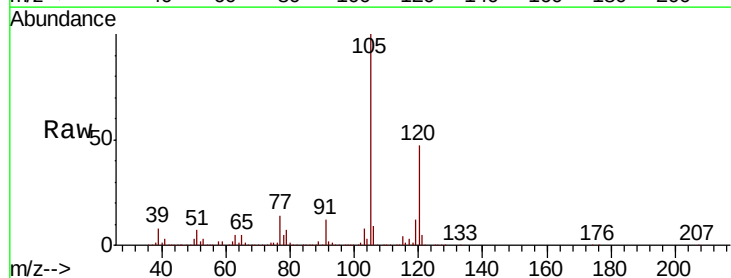
Instrument :
 MSVOA_N
 ClientSampled :

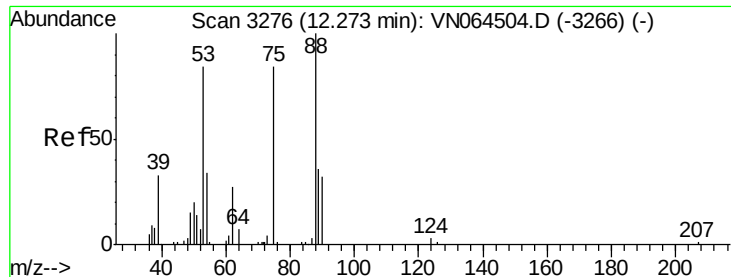
Tot Ion: 91 Resp: 1697889
 Ion Ratio Lower Upper
 91 100
 126 31.9 0.0 61.8



#76
 1,3,5-Trimethylbenzene
 Concen: 113.602 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion: 105 Resp: 1987602
 Ion Ratio Lower Upper
 105 100
 120 47.2 0.0 90.4

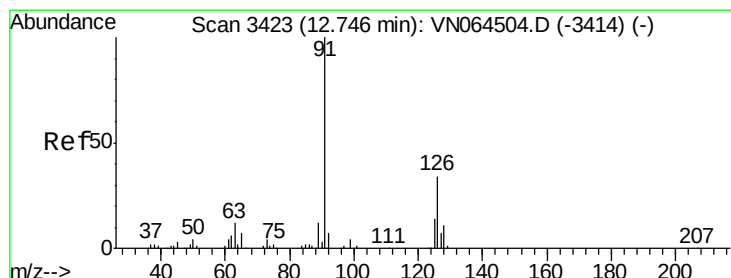
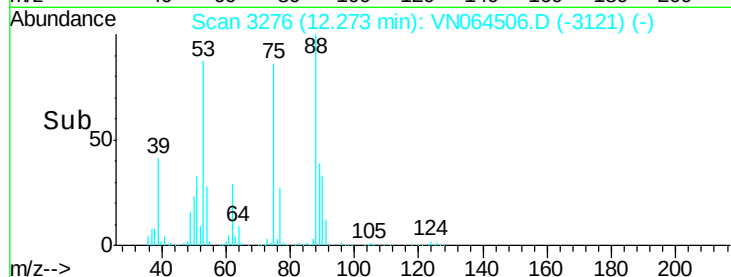
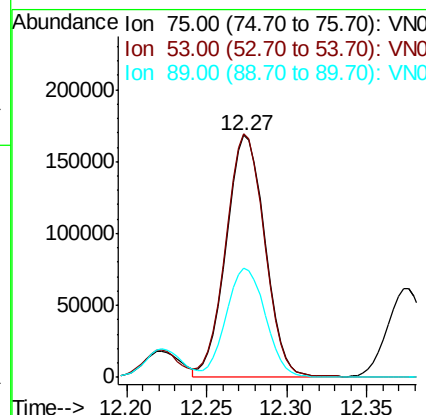
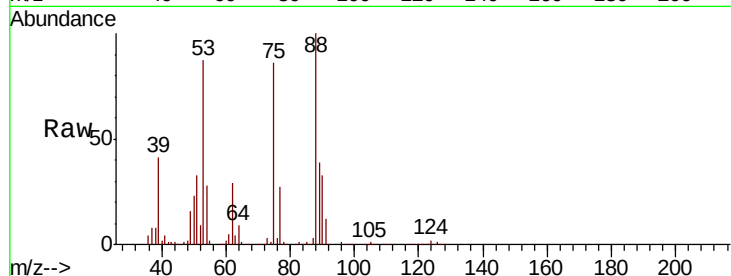




#77
t-1,4-Dichloro-2-butene
Concen: 126.583 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

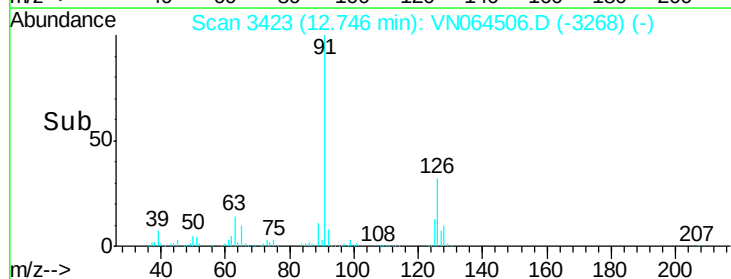
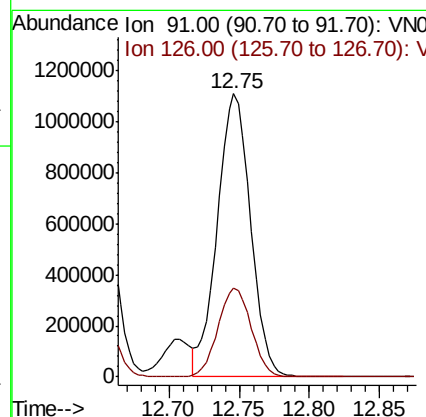
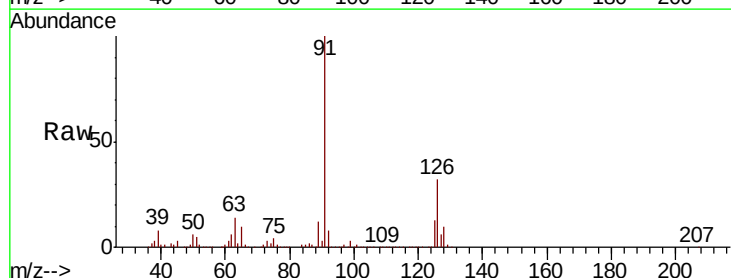
Instrument :
MSVOA_N
ClientSampled :

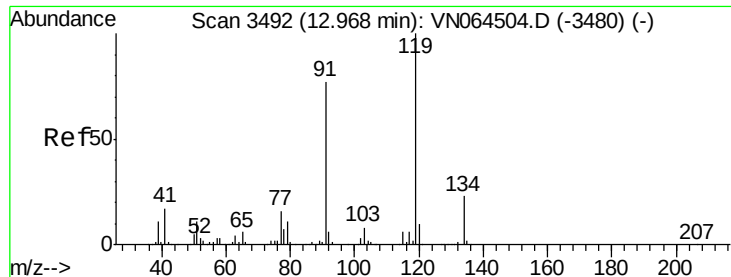
Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	50.3	150.9
89	44.9	23.3	69.8



#78
4-Chlorotoluene
Concen: 117.870 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	61.8

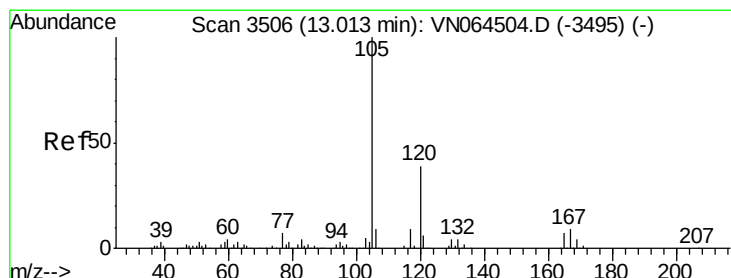
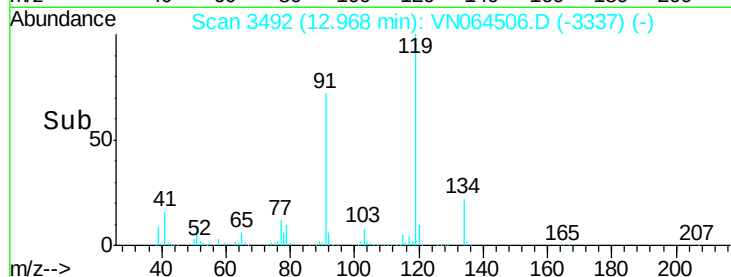
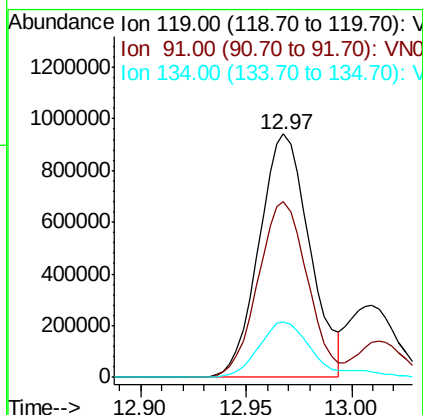
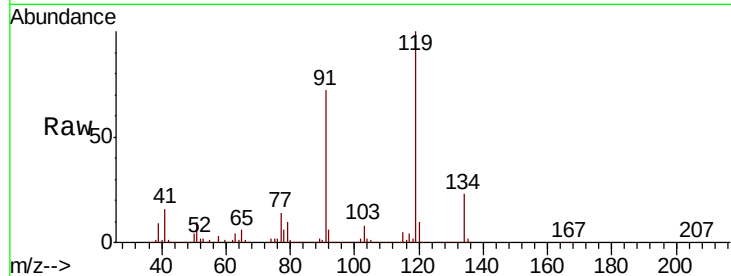




#79
 tert-butylbenzene
 Concen: 114.468 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

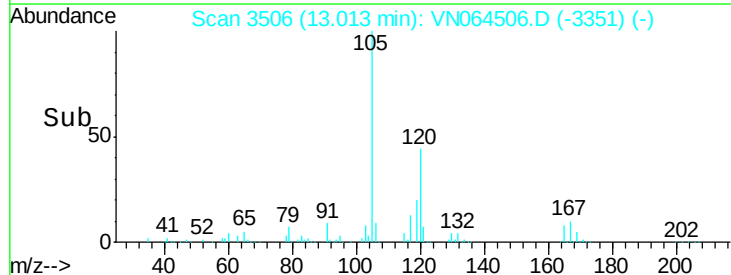
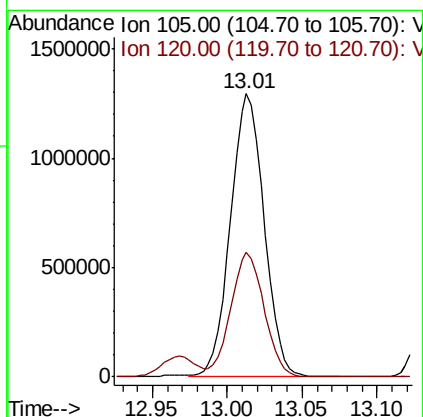
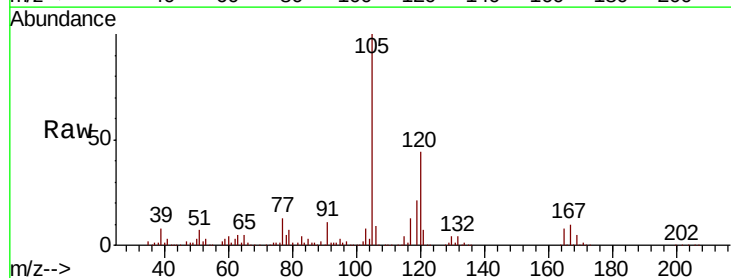
Instrument :
 MSVOA_N
 ClientSampled :

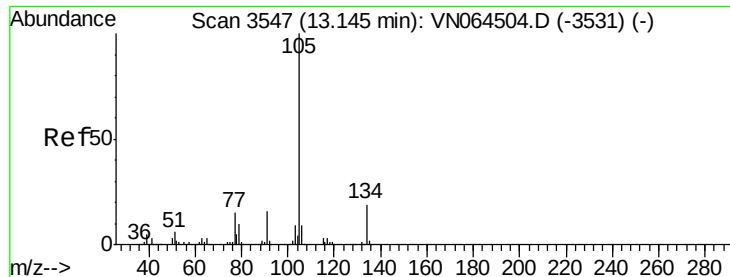
Tot Ion:119 Resp: 1574367
 Ion Ratio Lower Upper
 119 100
 91 70.7 0.0 147.8
 134 22.9 0.0 50.6



#80
 1,2,4-Trimethylbenzene
 Concen: 114.856 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion:105 Resp: 2023680
 Ion Ratio Lower Upper
 105 100
 120 43.8 0.0 88.6

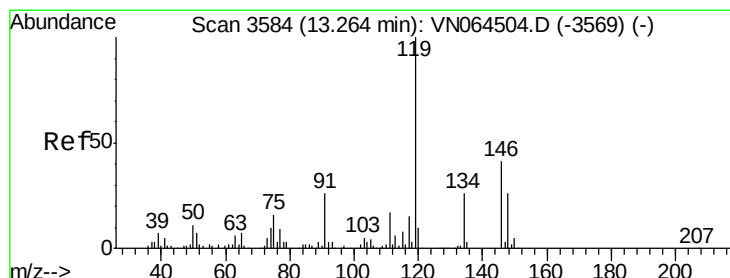
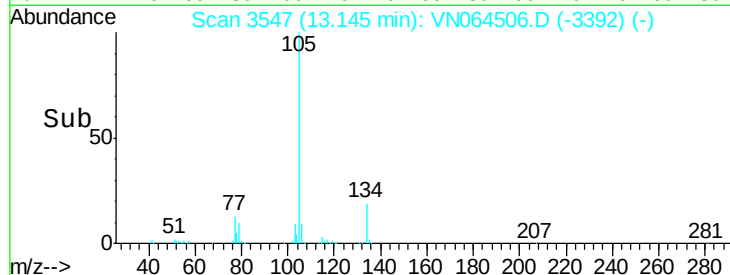
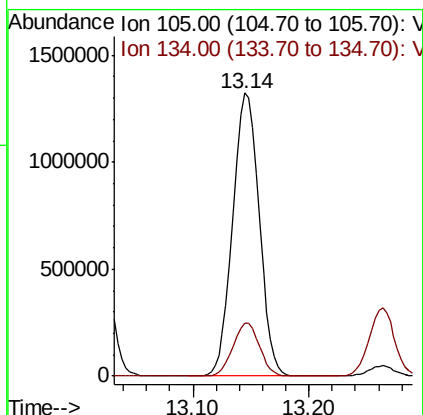
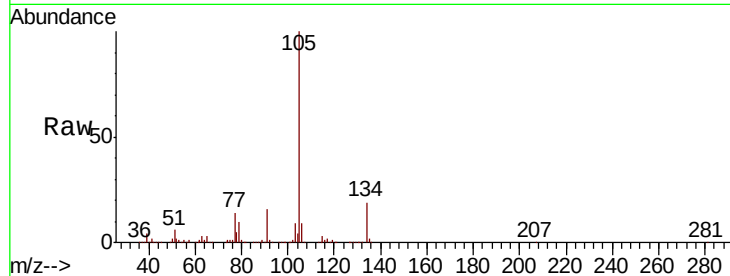




#81
 sec-Butylbenzene
 Concen: 117.450 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

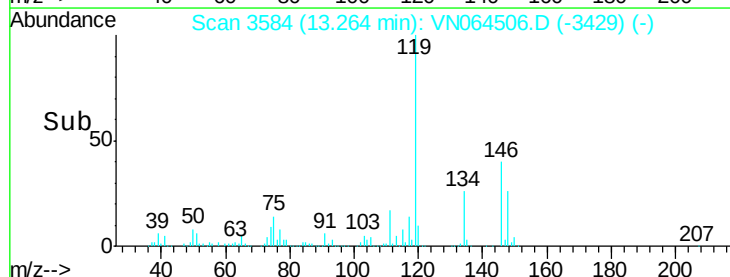
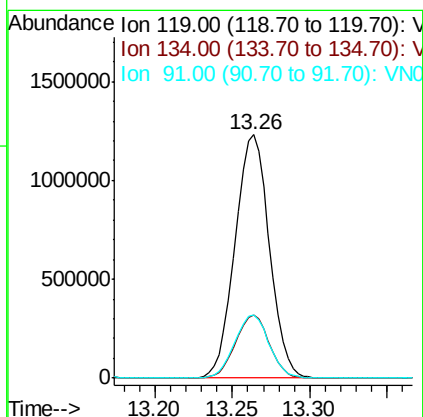
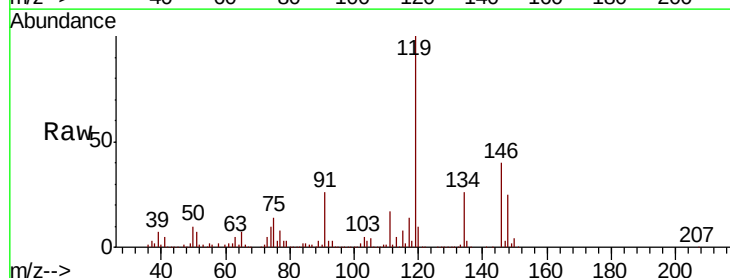
Instrument :
 MSVOA_N
 ClientSampled :

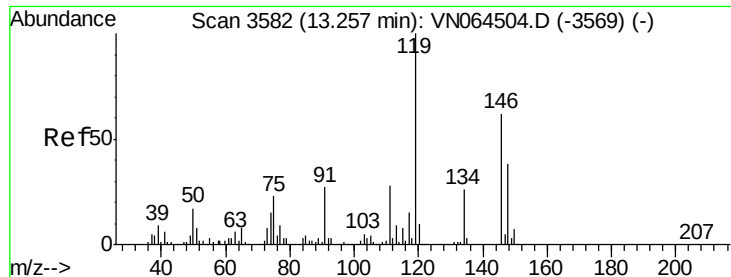
Tot Ion:105 Resp: 2077495
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 117.133 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion:119 Resp: 1893398
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 53.0
 91 25.9 0.0 53.2





#83

1,3-Dichlorobenzene

Concen: 109.871 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

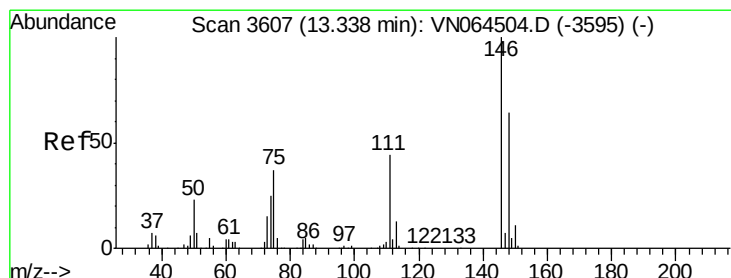
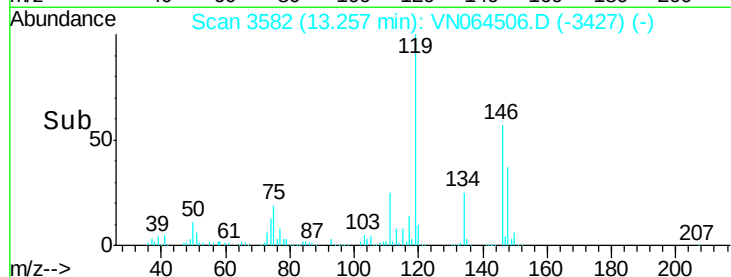
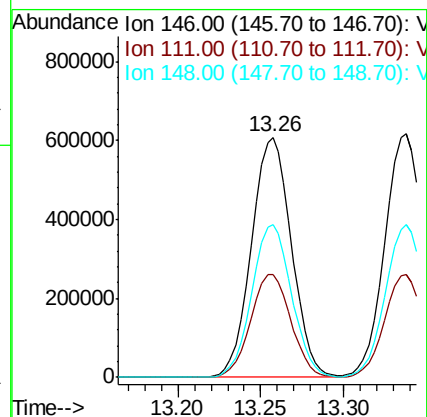
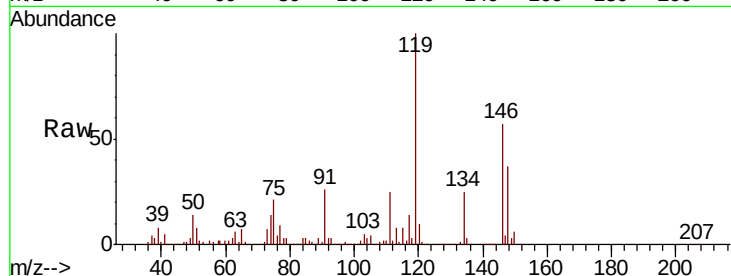
Tot Ion:146 Resp: 1018498

Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.3	66.9
148	63.3	31.8	95.3

146 100

111 43.1 22.3 66.9

148 63.3 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 109.637 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

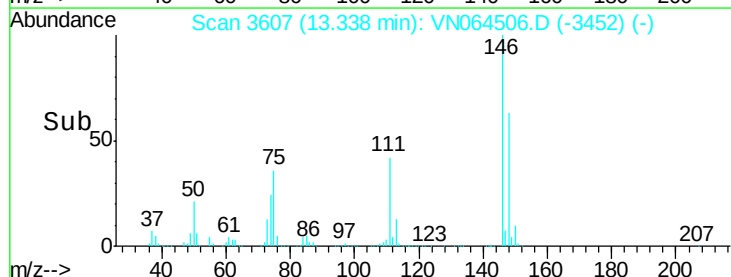
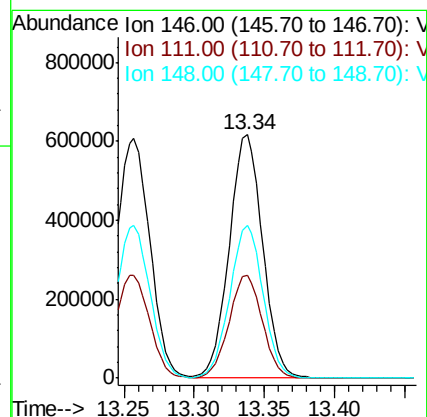
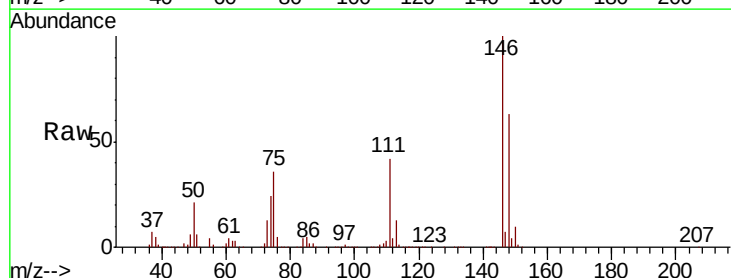
Tgt Ion:146 Resp: 1018303

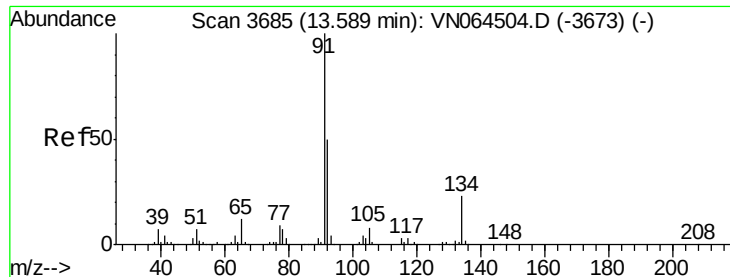
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.8	65.4
148	62.5	31.5	94.5

146 100

111 41.9 21.8 65.4

148 62.5 31.5 94.5





#85

n-Butylbenzene

Concen: 127.791 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

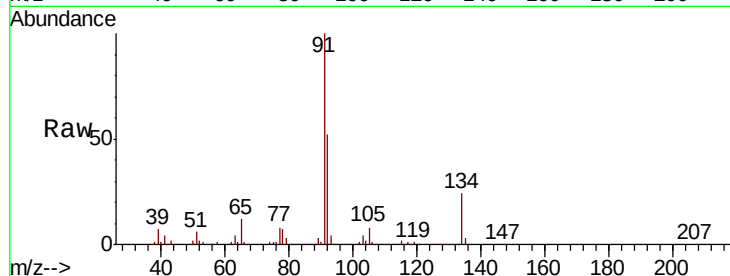
Tot Ion: 91 Resp: 1656274

Ion Ratio Lower Upper

91 100

92 51.4 0.0 101.4

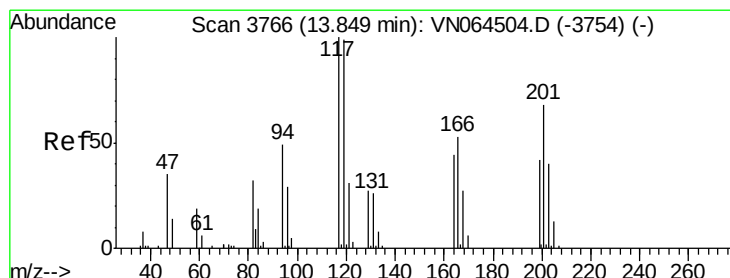
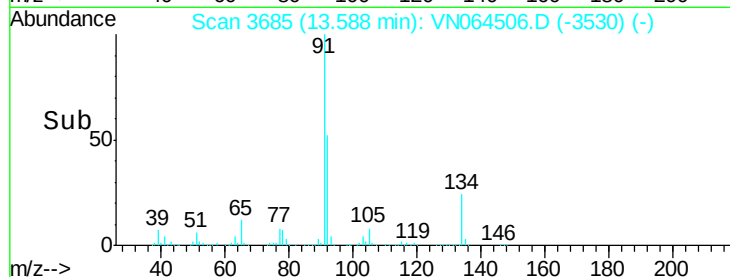
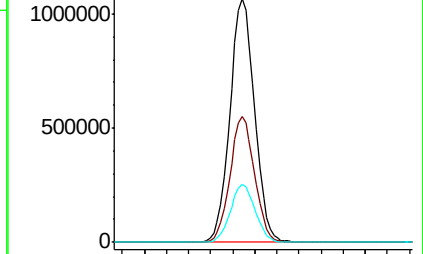
134 24.0 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VN064506.D (-3673) (-)

Ion 92.00 (91.70 to 92.70): VN064506.D (-3673) (-)

Ion 134.00 (133.70 to 134.70): VN064506.D (-3673) (-)



#86

Hexachloroethane

Concen: 114.887 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN064506.D

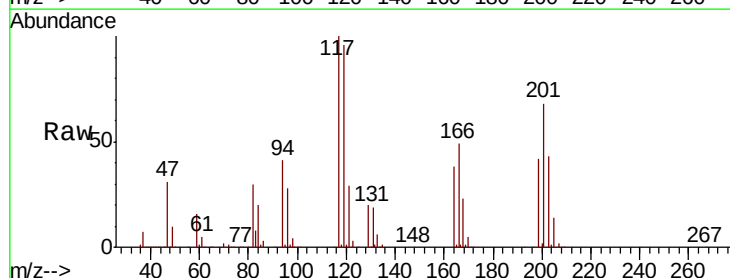
Acq: 9 Nov 2020 12:37

Tgt Ion: 117 Resp: 354473

Ion Ratio Lower Upper

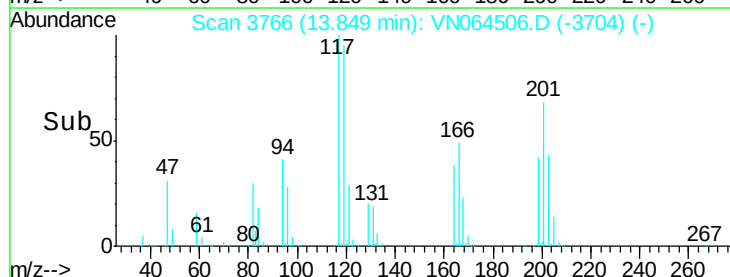
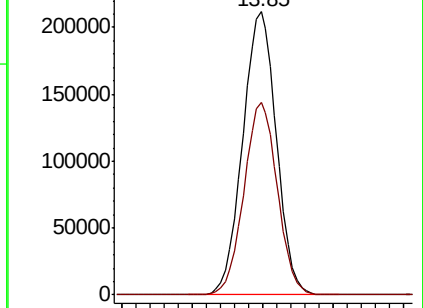
117 100

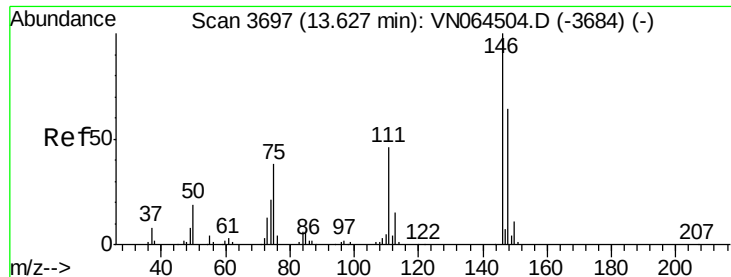
201 67.5 33.1 99.3



Abundance Ion 117.00 (116.70 to 117.70): VN064506.D (-3754) (-)

Ion 201.00 (200.70 to 201.70): VN064506.D (-3754) (-)

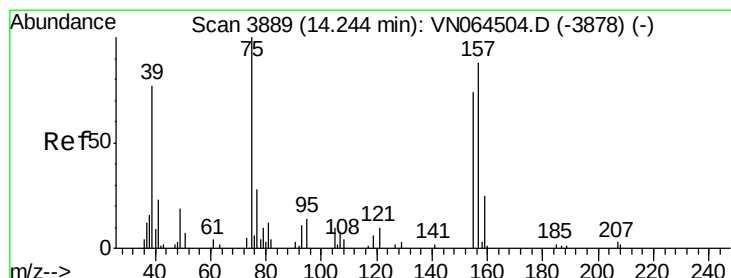
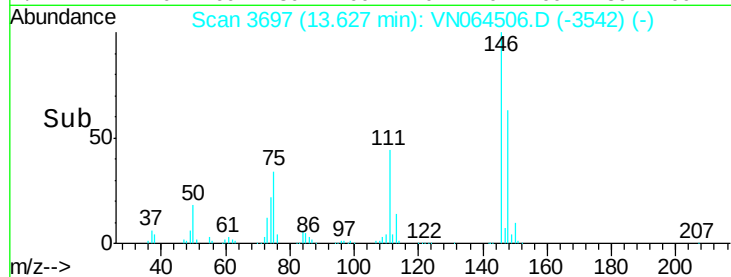
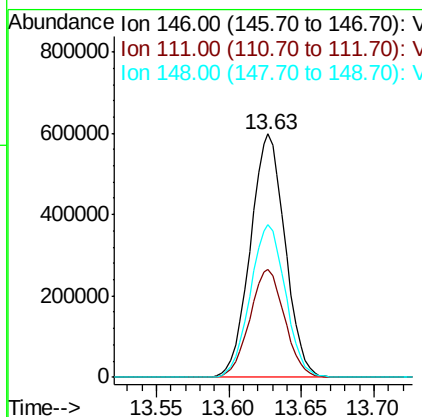
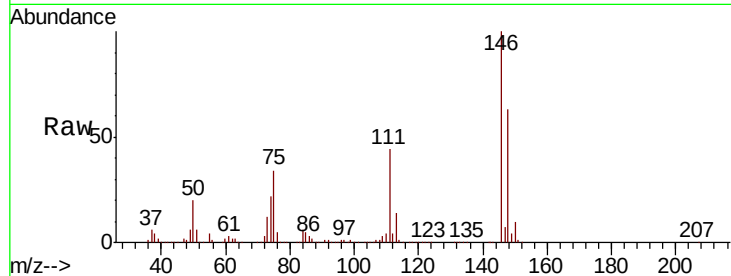




#87
 1,2-Dichlorobenzene
 Concen: 112.130 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

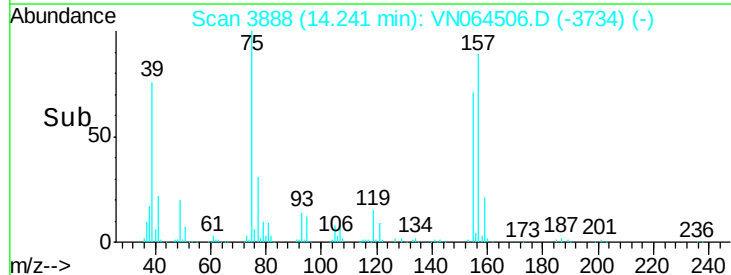
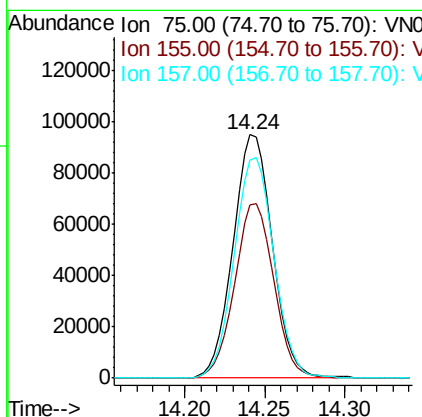
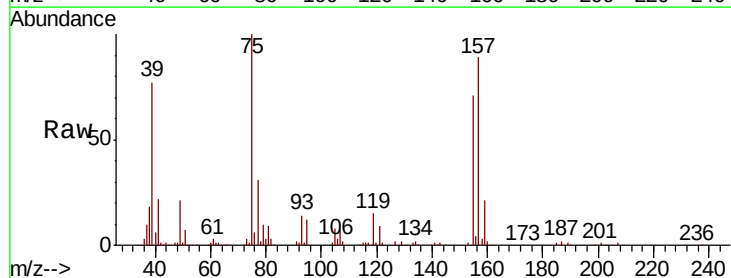
Instrument :
 MSVOA_N
 ClientSampleId :

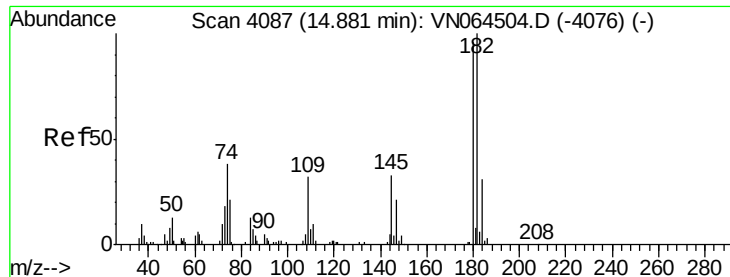
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	23.1	69.2
148	63.5	32.6	97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 122.886 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.5	56.5	84.7
157	91.4	69.7	104.5

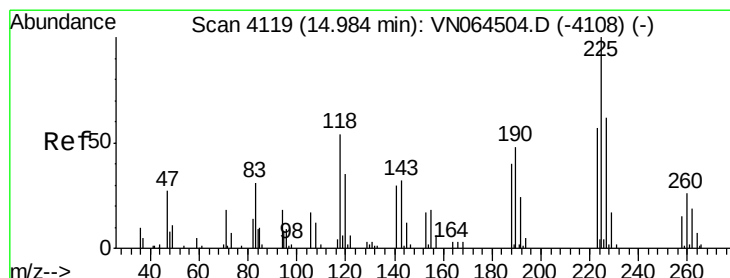
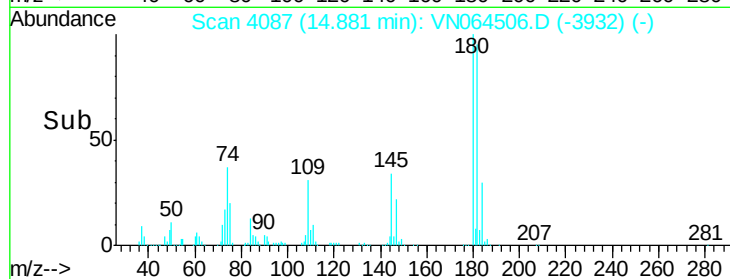
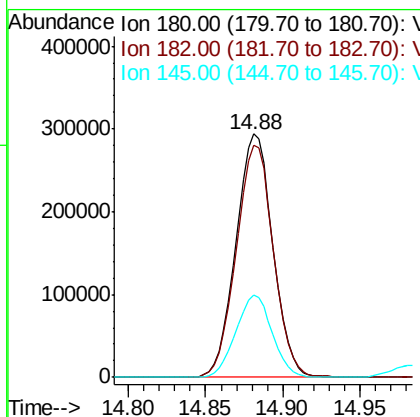
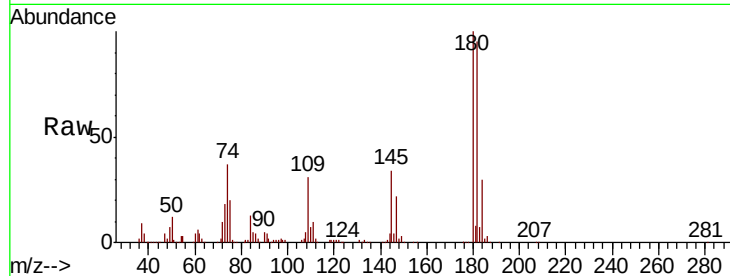




#89
 1,2,4-Trichlorobenzene
 Concen: 113.436 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

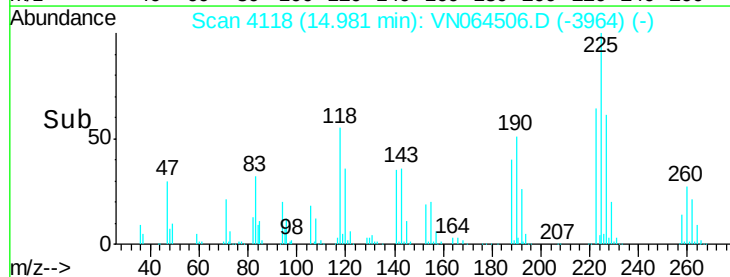
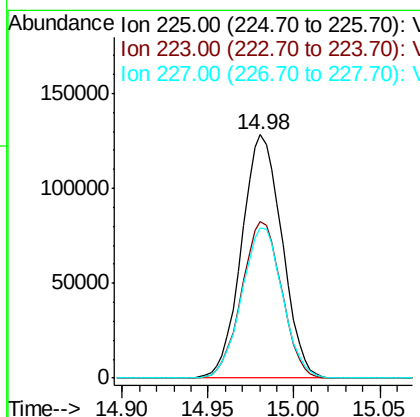
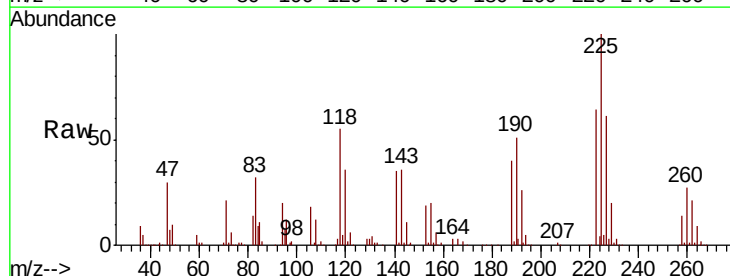
Instrument :
 MSVOA_N
 ClientSampleId :

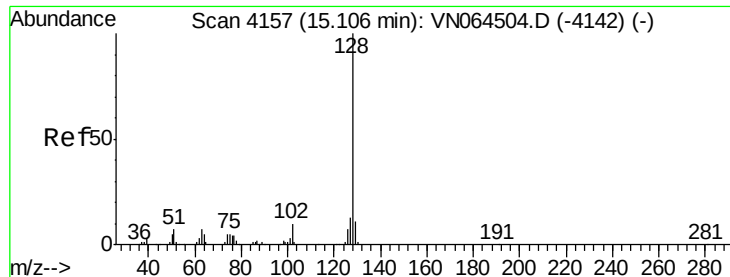
Tot Ion:180 Resp: 486195
 Ion Ratio Lower Upper
 180 100
 182 96.3 79.4 119.0
 145 33.4 27.6 41.4



#90
 Hexachlorobutadiene
 Concen: 91.730 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

Tgt Ion:225 Resp: 209168
 Ion Ratio Lower Upper
 225 100
 223 63.5 0.0 125.4
 227 62.1 0.0 122.0





#91

Naphthalene

Concen: 127.710 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

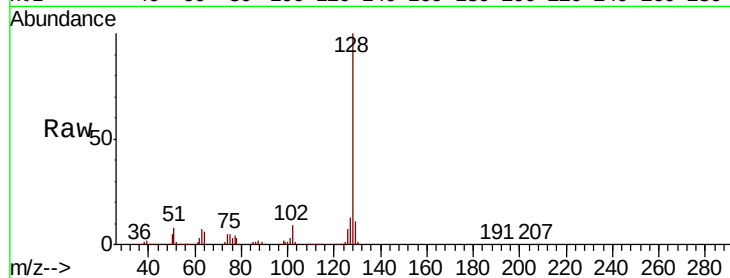
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1657928

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.5	12.7



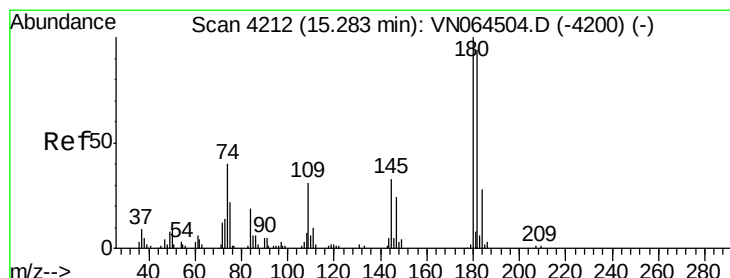
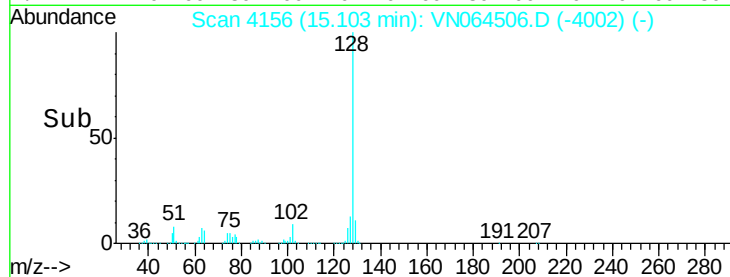
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.10

Time-->



#92

1,2,3-Trichlorobenzene

Concen: 109.457 ug/l

RT: 15.28 min Scan# 4212

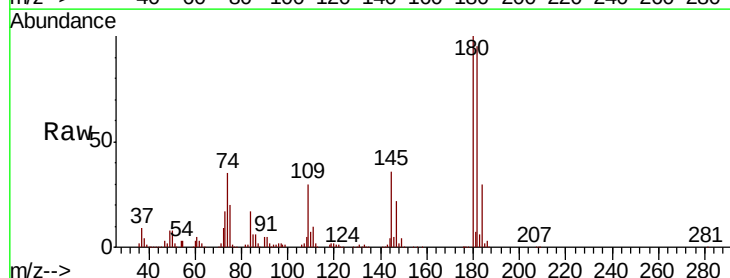
Delta R.T. -0.00 min

Lab File: VN064506.D

Acq: 9 Nov 2020 12:37

Tgt Ion:180 Resp: 471899

Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	186.0
145	36.3	0.0	69.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

15.28

Time-->

