

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 :
 VSTDICC100

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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 VSTDICC100

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 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)
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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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 12:16:00 2020
Response via : Initial Calibration

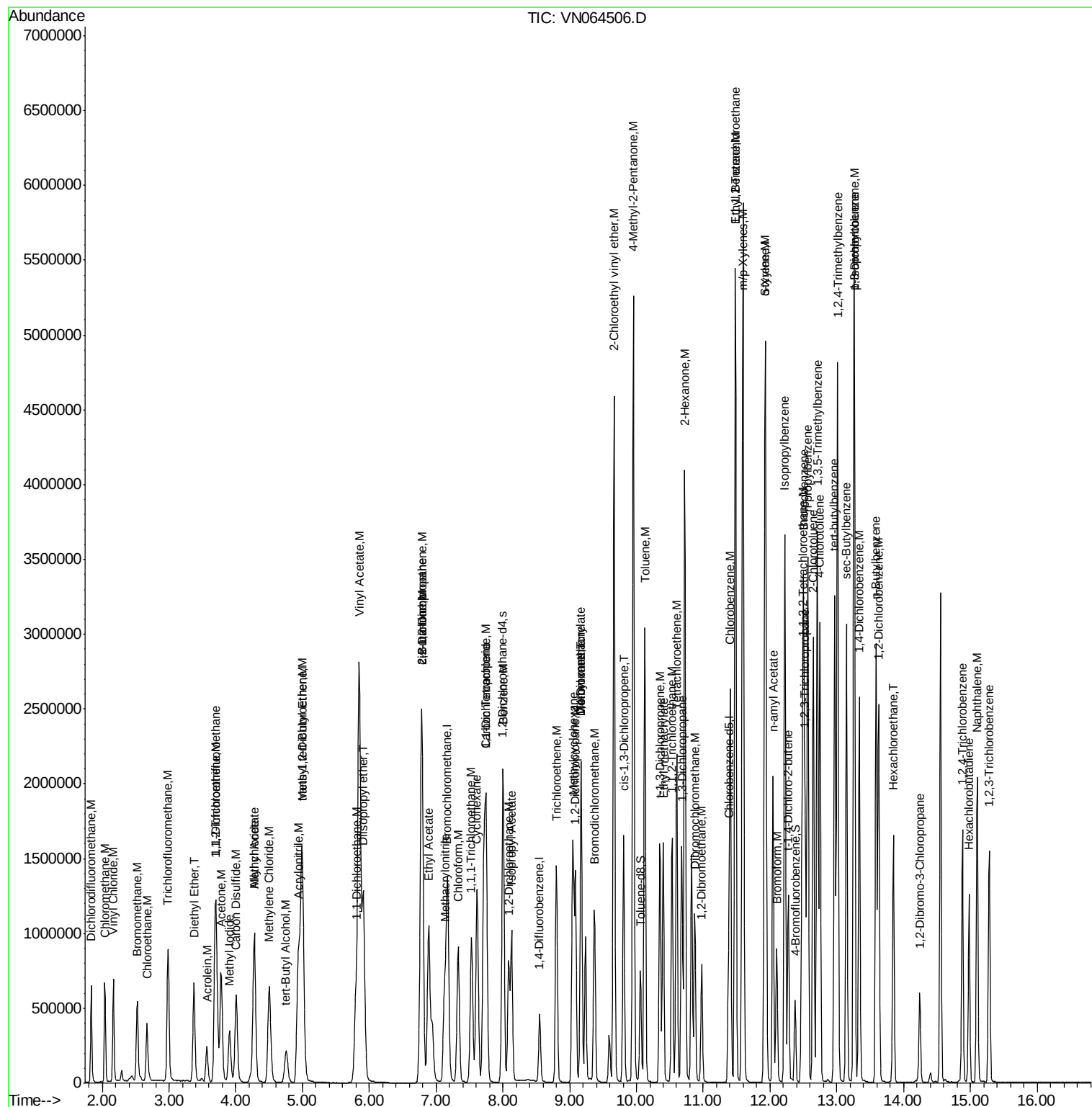
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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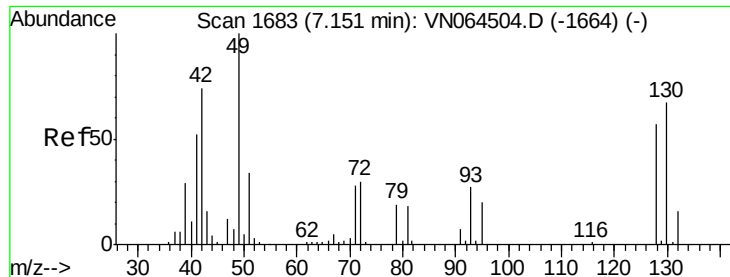
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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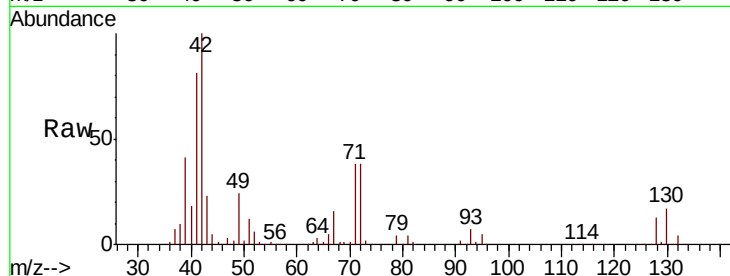




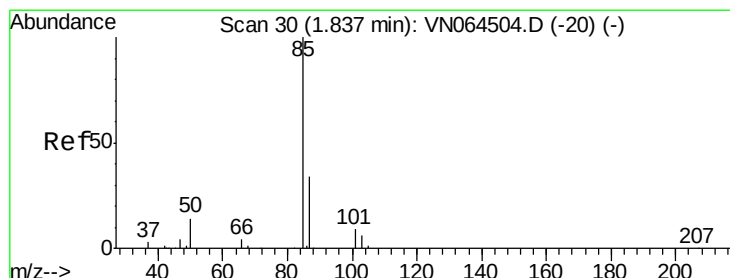
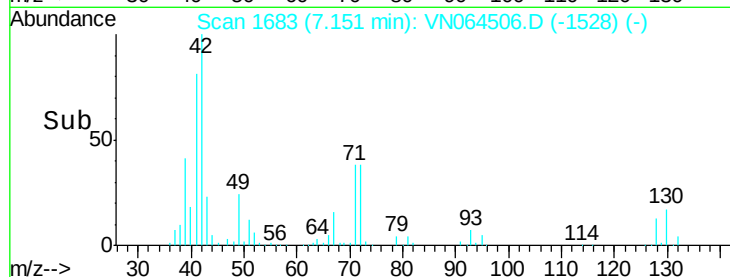
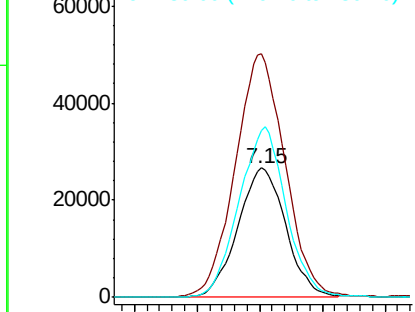
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Instrument :
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ClientSampleId :
VSTDIC100

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

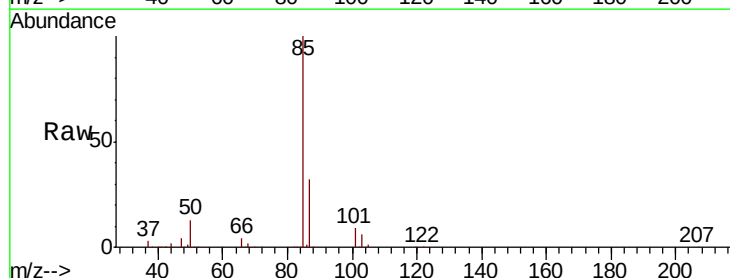


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

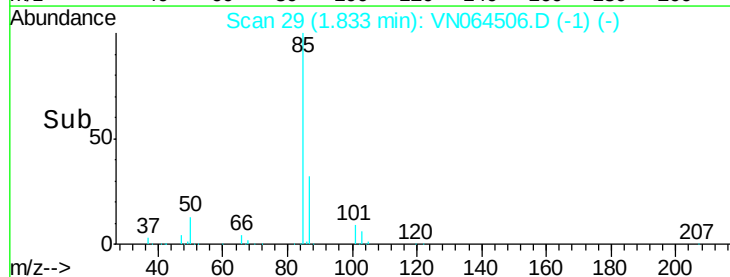
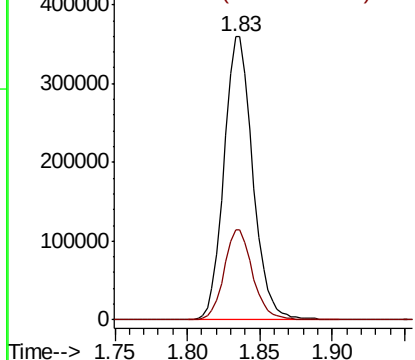


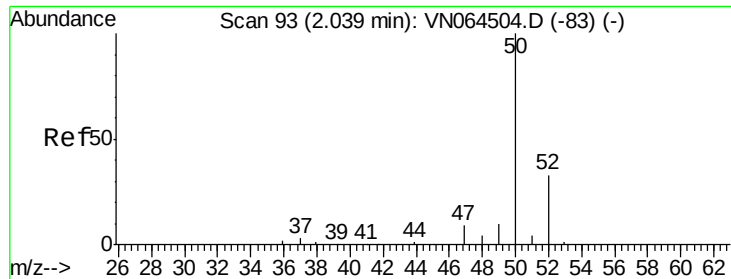
#2
Dichlorodifluoromethane
Concen: 108.617 ug/l
RT: 1.83 min Scan# 29
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

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): VN
Ion 87.00 (86.70 to 87.70): VN

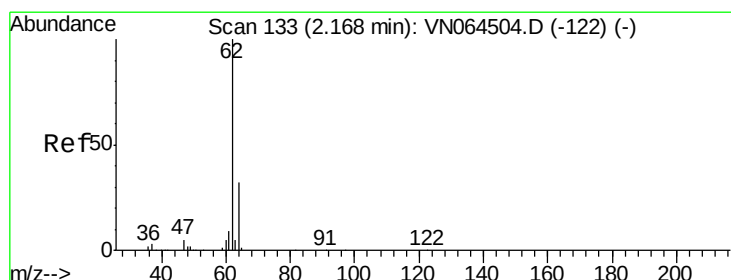
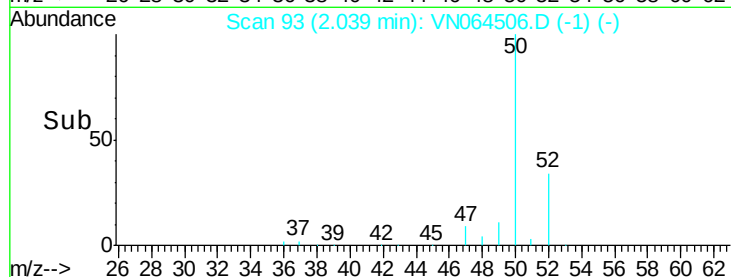
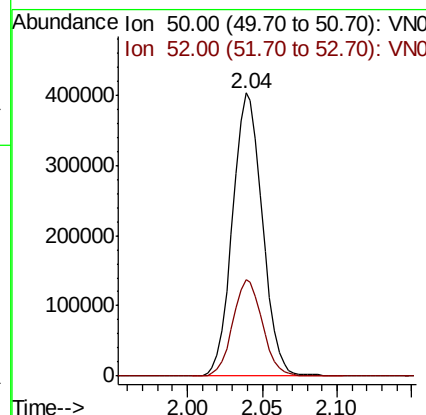
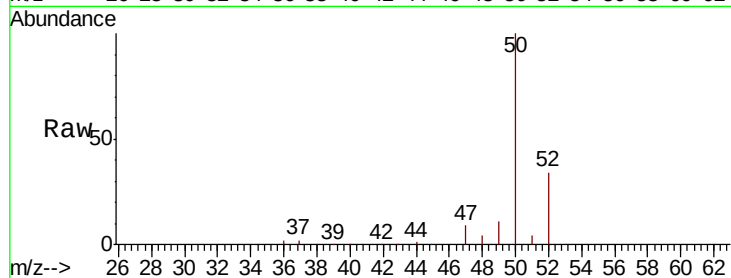




#3
Chloromethane
Concen: 116.626 ug/l
RT: 2.04 min Scan# 93
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

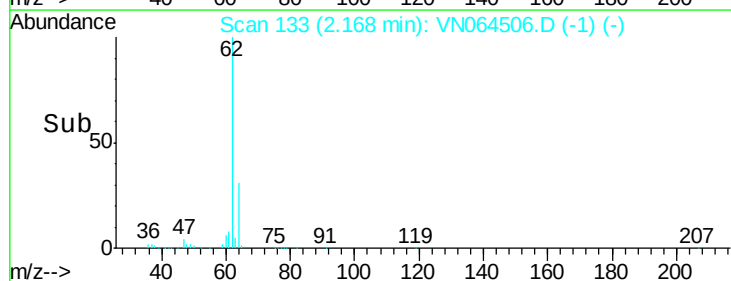
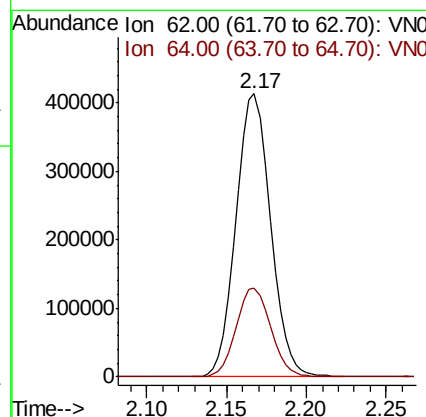
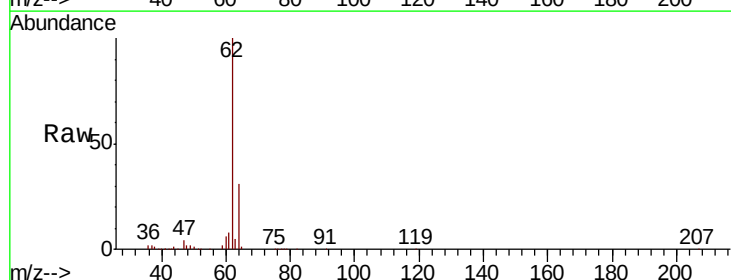
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

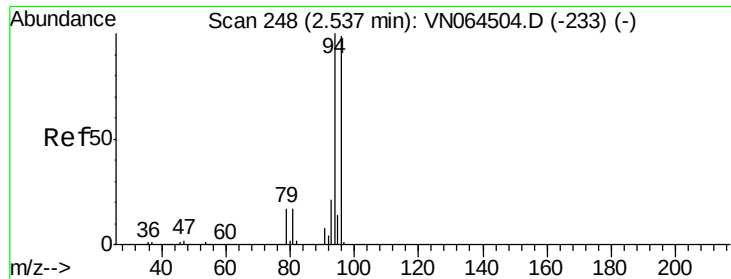
Tot Ion: 50 Resp: 561777
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0



#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





#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

ClientSampleId :

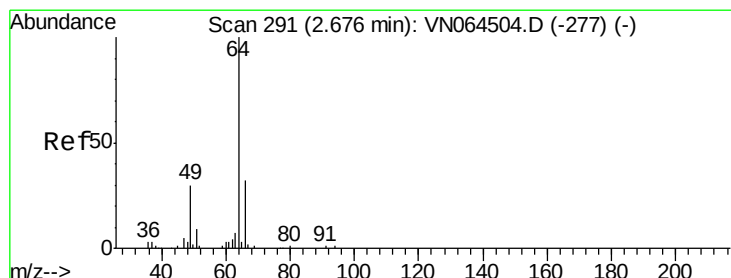
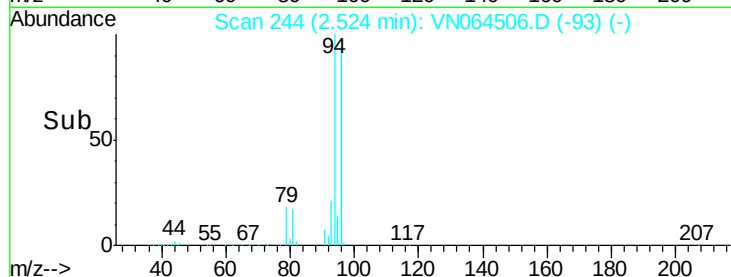
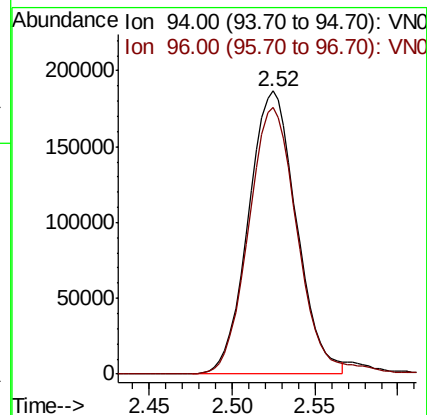
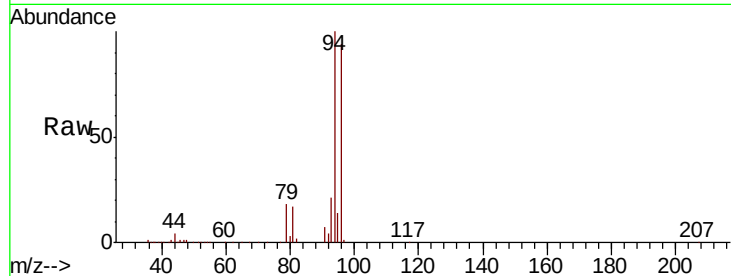
VSTDIC100

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

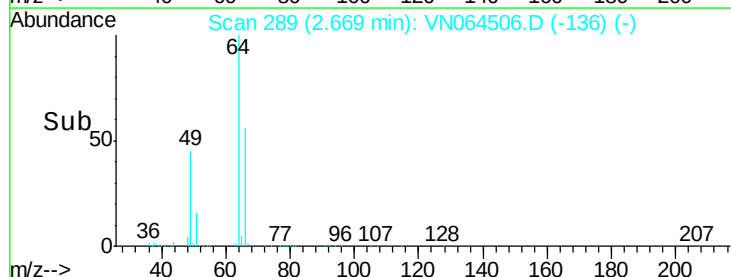
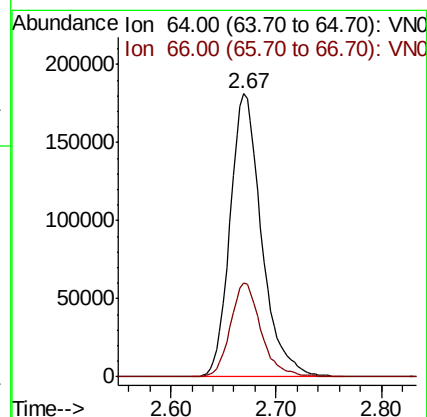
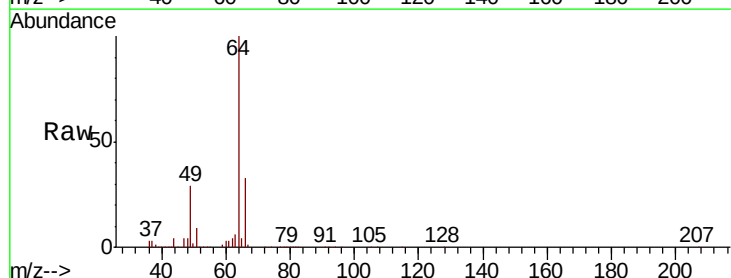
Acq: 9 Nov 2020 12:37

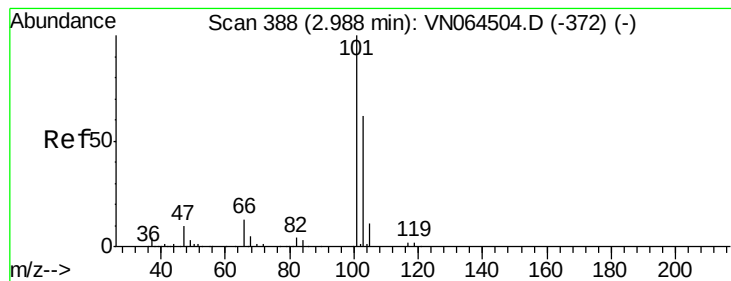
Tgt Ion: 64 Resp: 375545

Ion Ratio Lower Upper

64 100

66 33.1 26.0 39.0



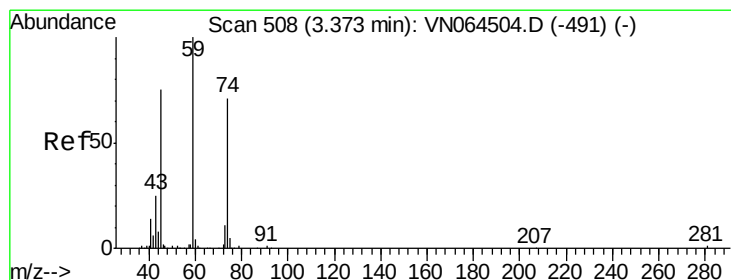
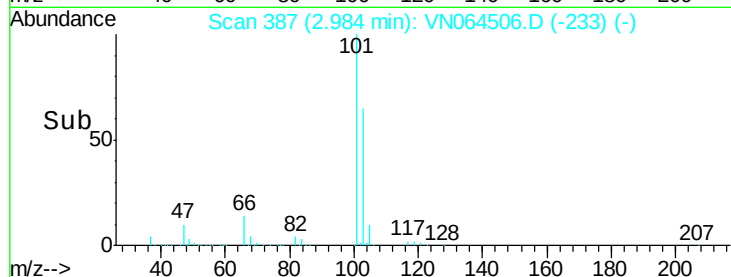
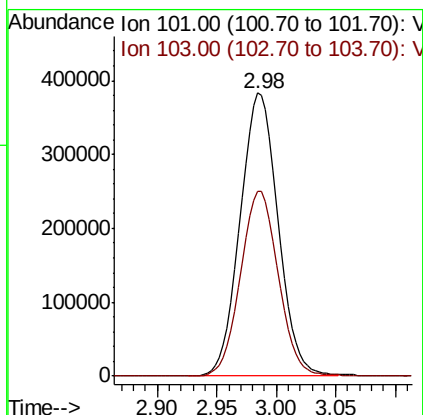
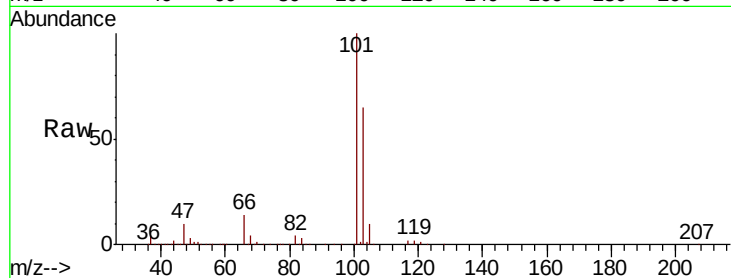


#7

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 :
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 ClientSampleId :
 VSTDIC100

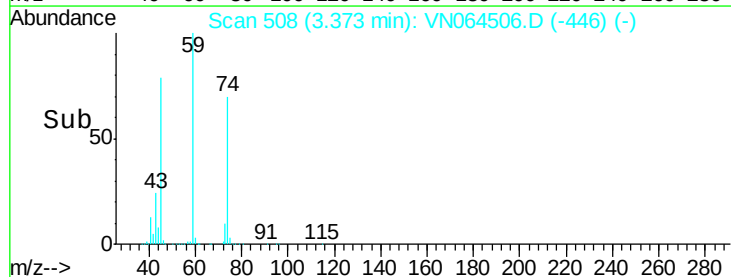
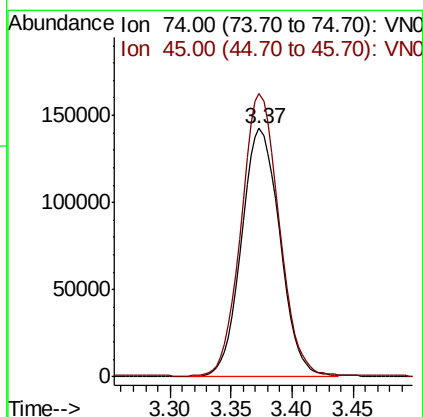
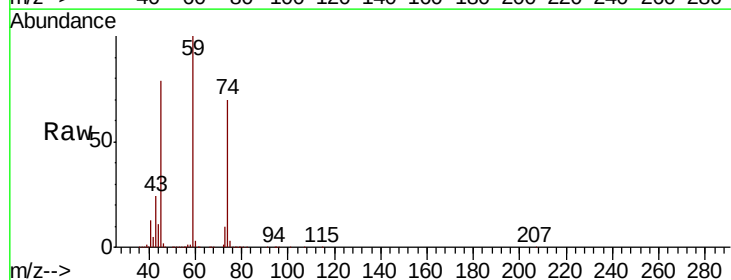
Tot Ion:101 Resp: 848144
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9

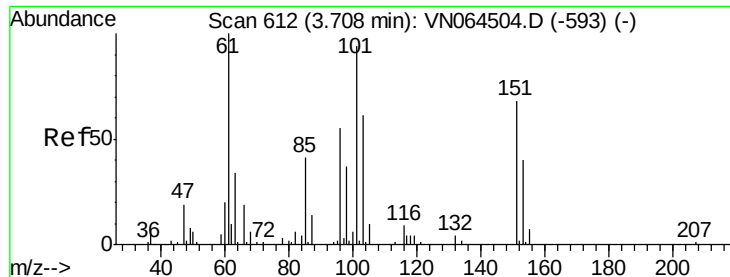


#8

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

ClientSampled :

VSTDIC100

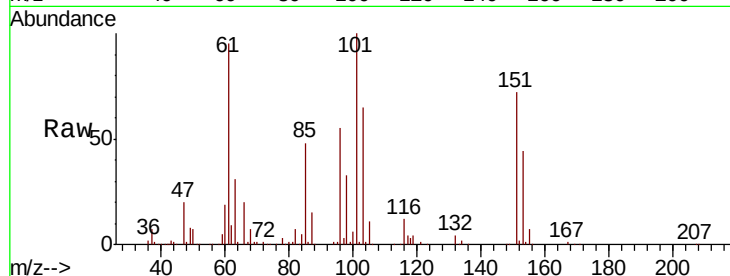
Tot Ion:101 Resp: 404147

Ion Ratio Lower Upper

101 100

85 46.8 0.0 49.0

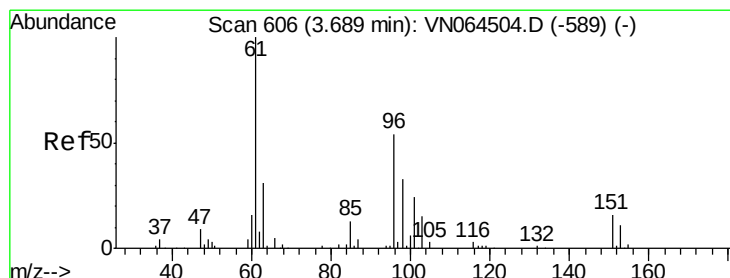
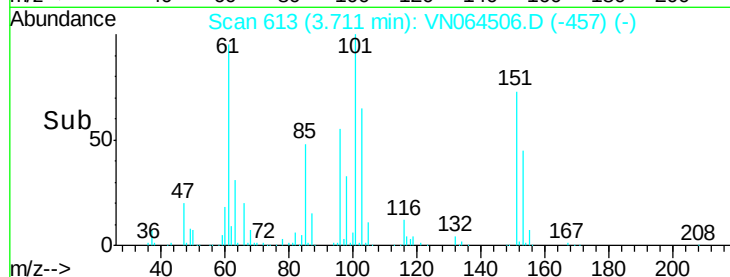
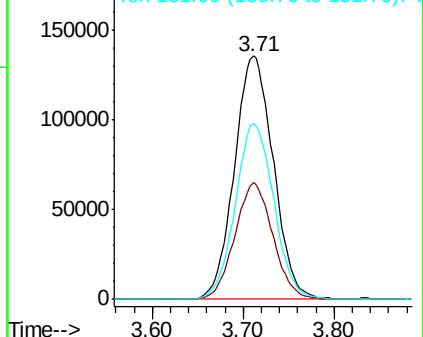
151 71.6 0.0 80.2



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

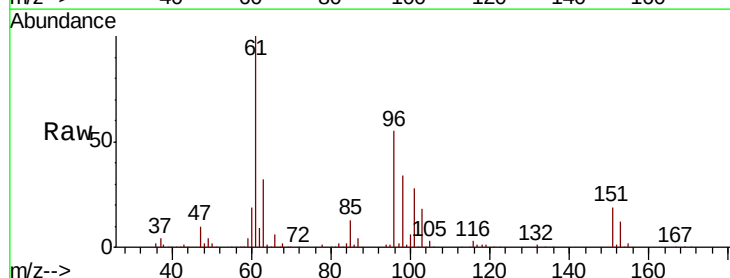
Tgt Ion: 96 Resp: 391588

Ion Ratio Lower Upper

96 100

61 182.6 149.2 223.8

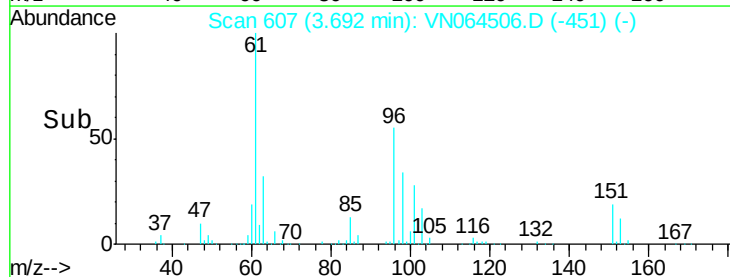
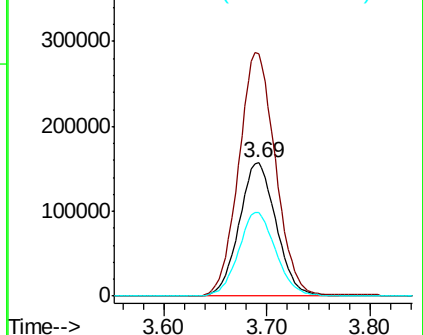
98 62.5 49.6 74.4

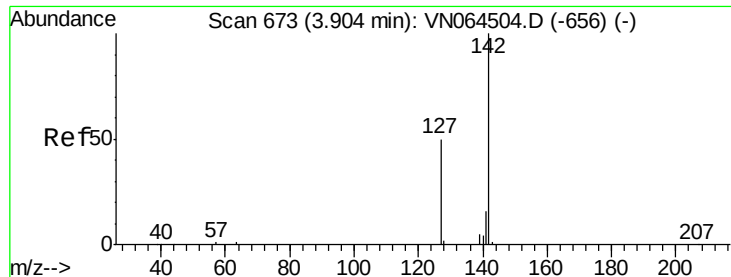


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

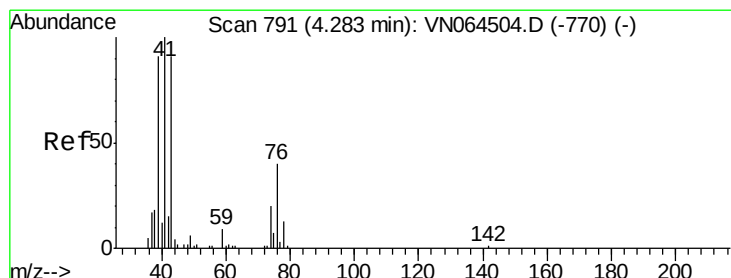
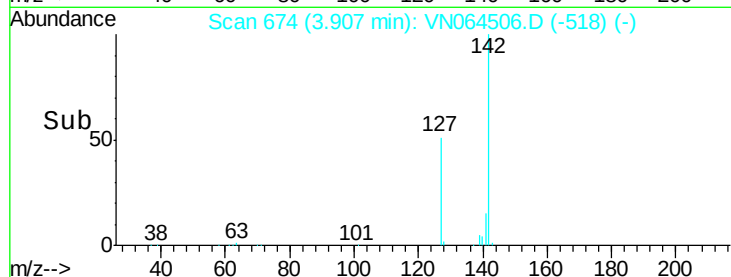
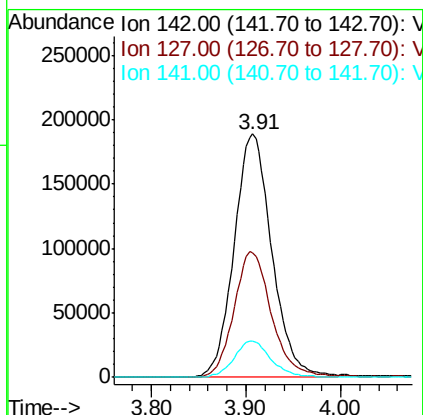
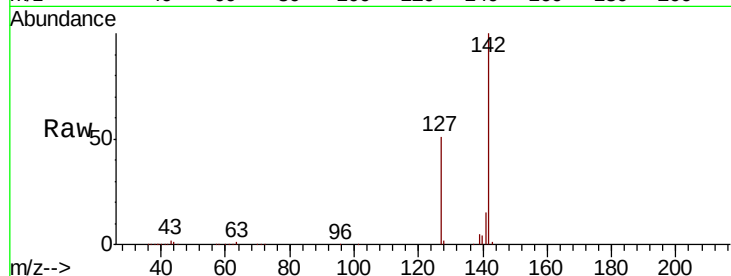




#11
Methvl Iodide
Concen: 104.119 ug/l
RT: 3.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

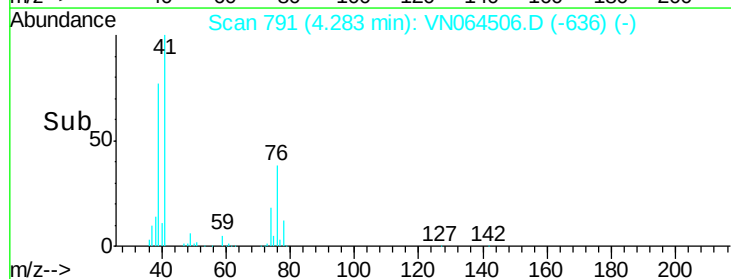
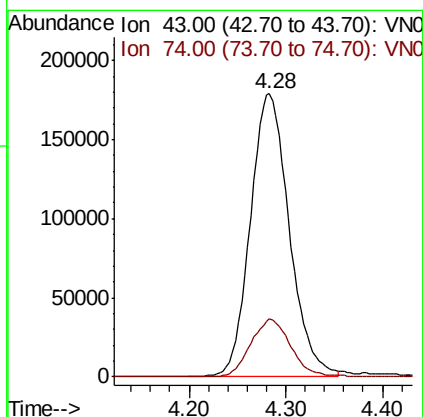
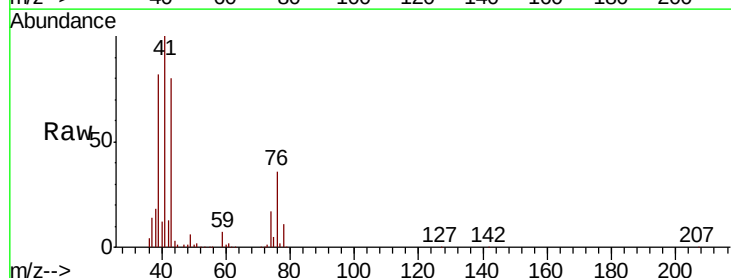
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

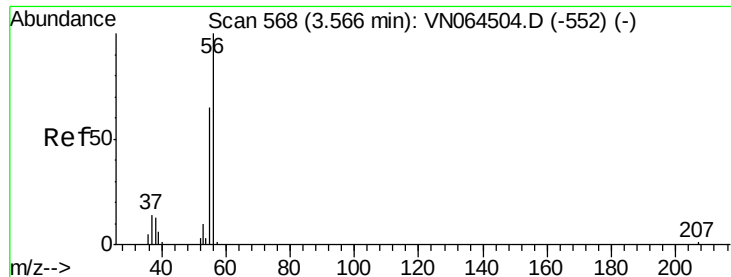
Tot Ion:142 Resp: 524284
Ion Ratio Lower Upper
142 100
127 51.2 24.7 74.1
141 14.7 7.8 23.3



#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

ClientSampleId :

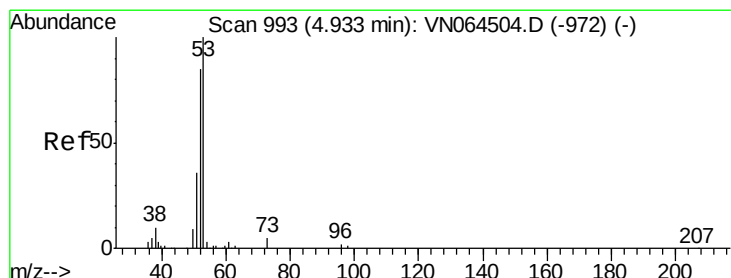
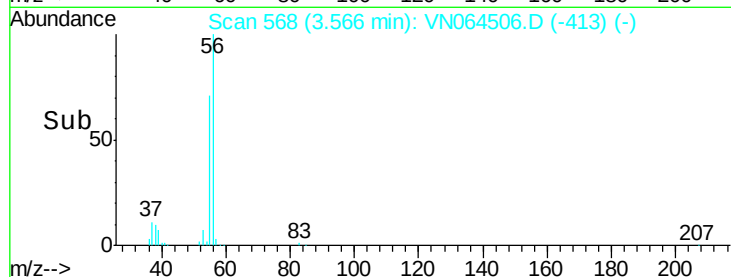
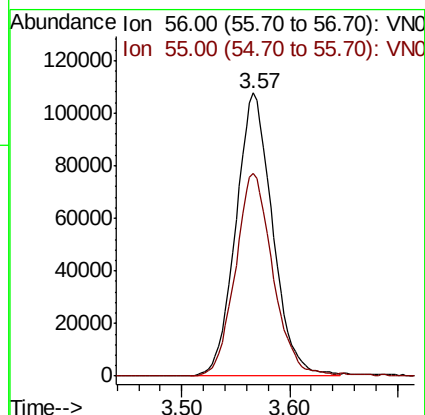
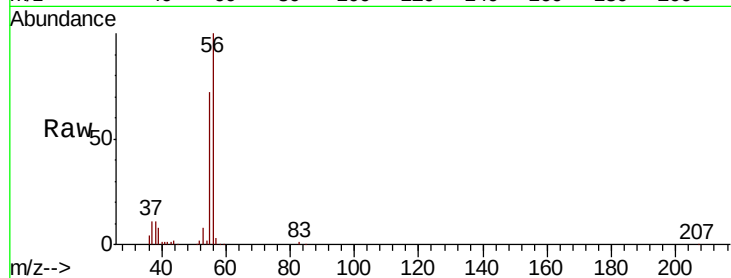
VSTDIC100

Tot Ion: 56 Resp: 255677

Ion Ratio Lower Upper

56 100

55 71.9 58.2 87.2



#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

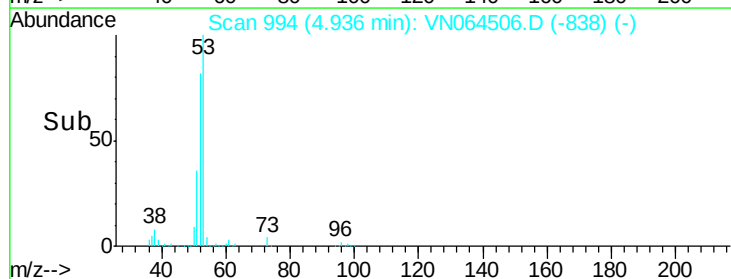
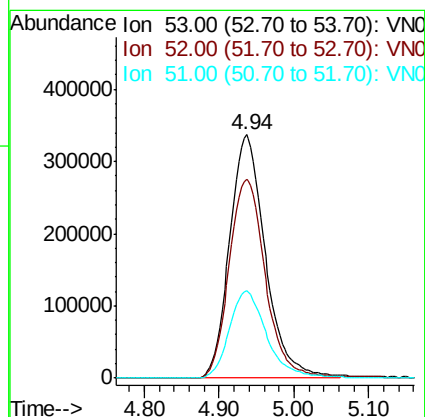
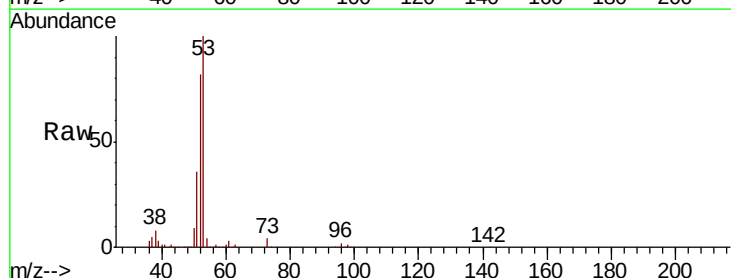
Tgt Ion: 53 Resp: 1118320

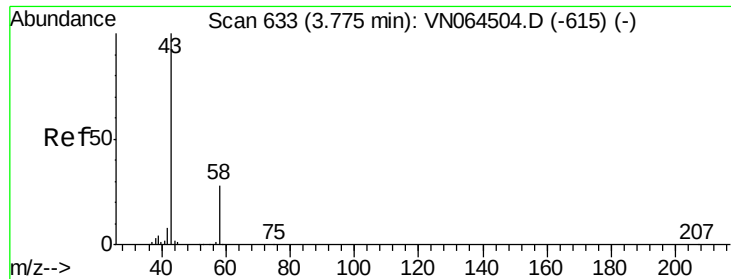
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 37.6 18.9 56.5

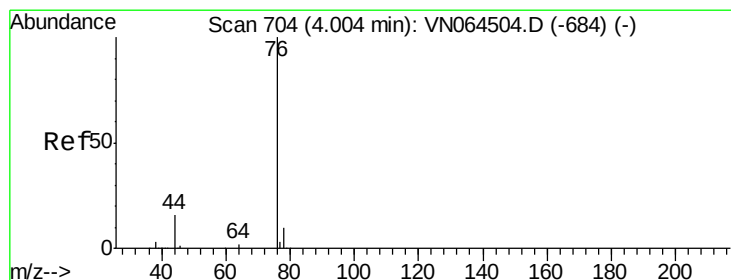
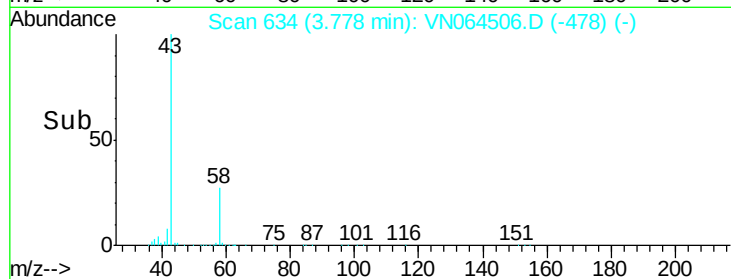
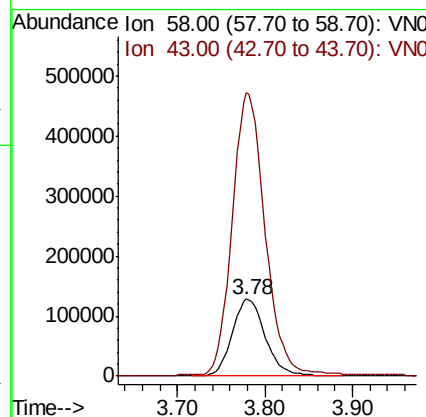
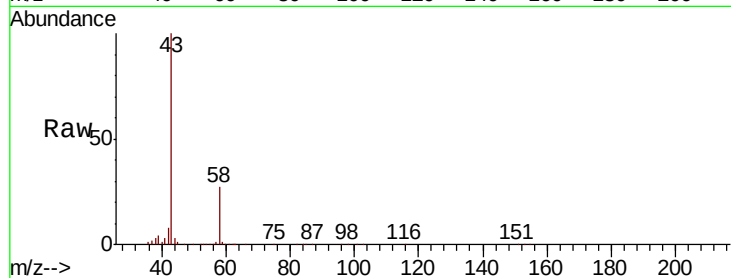




#15
Acetone
Concen: 533.387 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

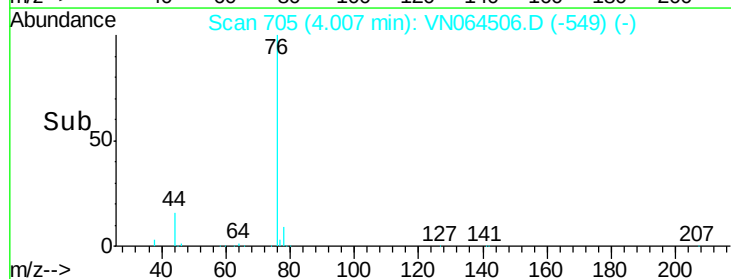
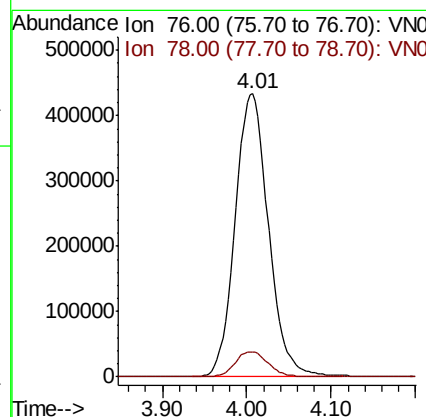
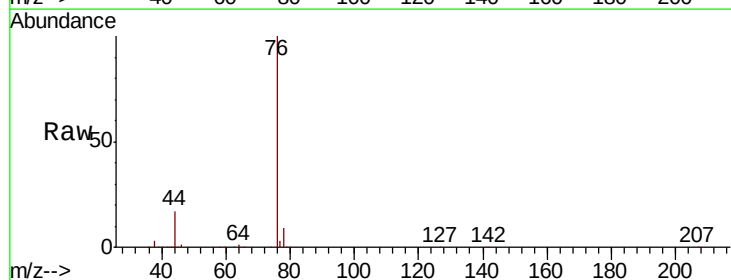
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

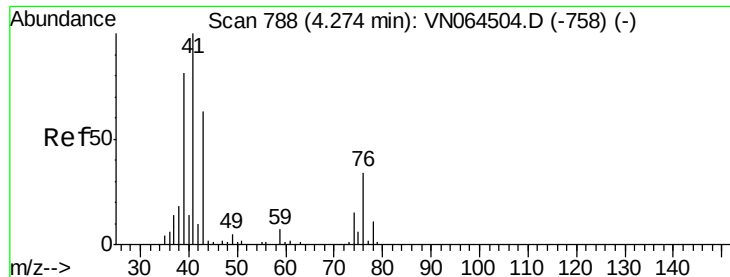
Tot Ion: 58 Resp: 335959
Ion Ratio Lower Upper
58 100
43 368.4 289.8 434.8



#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

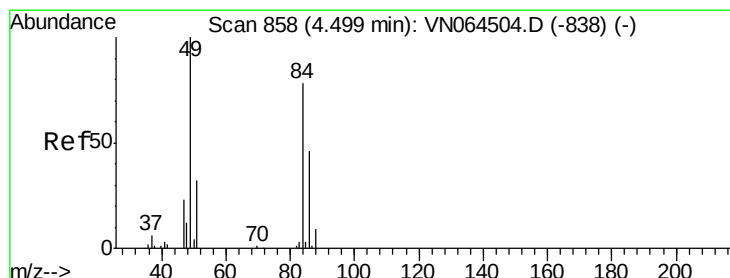
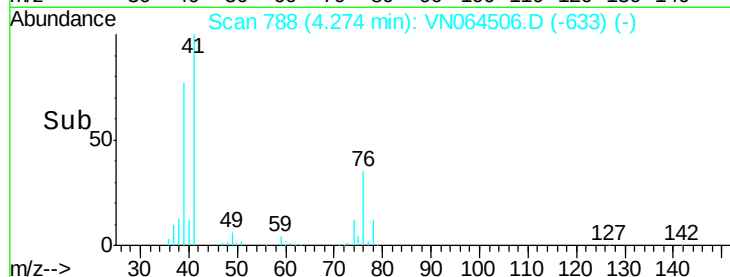
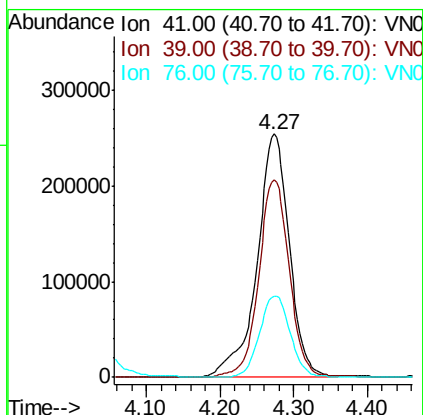
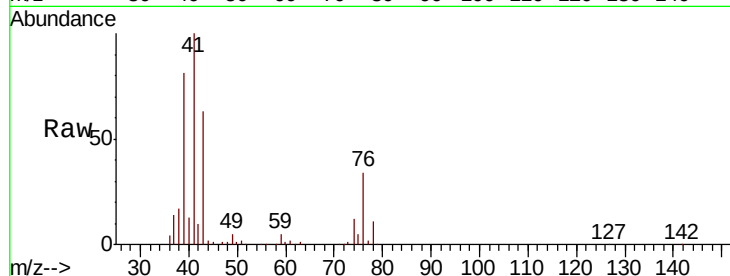




#17
Allvl chloride
Concen: 114.792 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

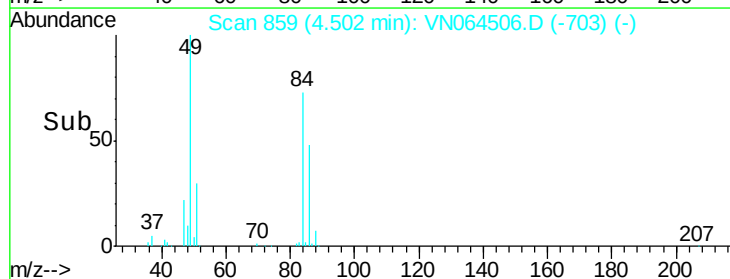
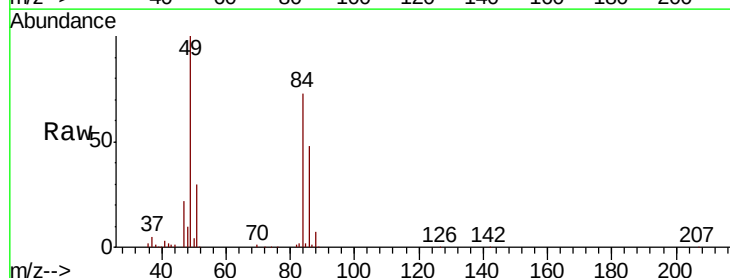
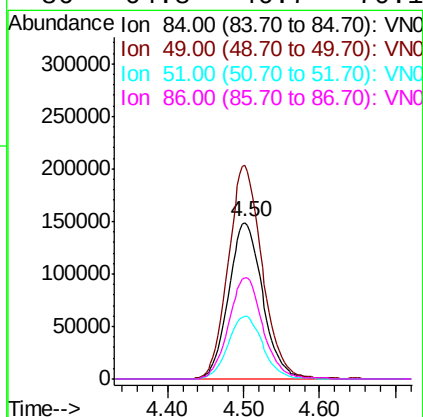
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

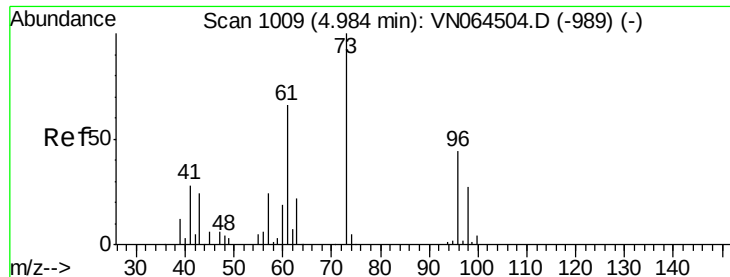
Tot Ion	Ratio	Lower	Upper
41	100		
39	80.9	40.3	120.8
76	33.3	16.8	50.3



#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	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

ClientSampleId :

VSTDIC100

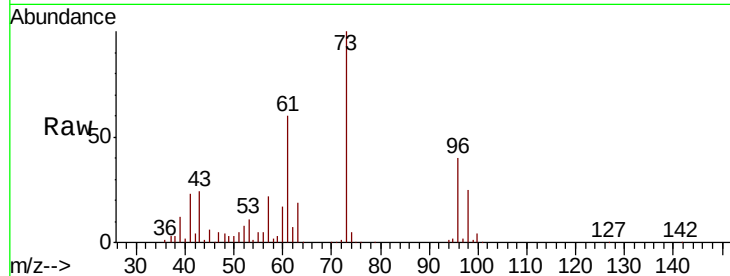
Tot Ion: 96 Resp: 450688

Ion Ratio Lower Upper

96 100

61 150.4 120.1 180.1

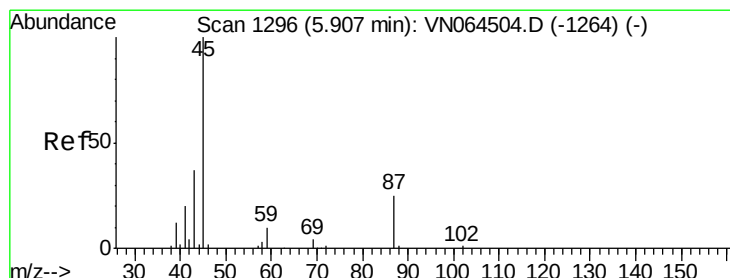
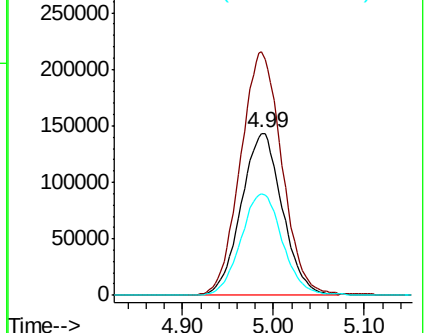
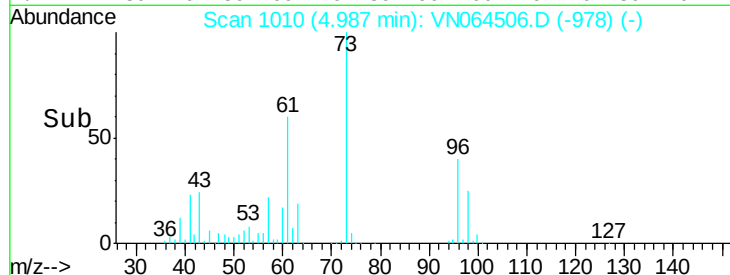
98 62.4 49.1 73.7



Abundance Ion 96.00 (95.70 to 96.70): VN064506.D (-1234) (-)

Ion 61.00 (60.70 to 61.70): VN064506.D (-1234) (-)

Ion 98.00 (97.70 to 98.70): VN064506.D (-1234) (-)



#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

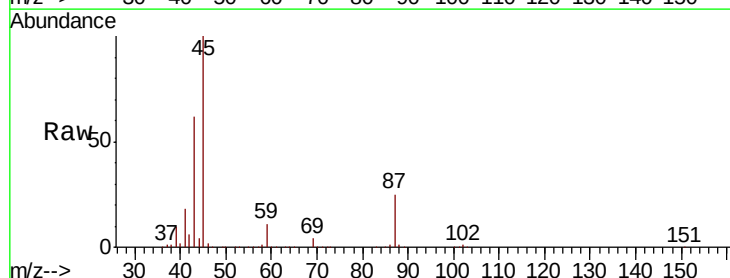
Ion Ratio Lower Upper

45 100

43 61.0 53.1 79.7

87 25.3 21.0 31.6

59 10.8 8.2 12.4

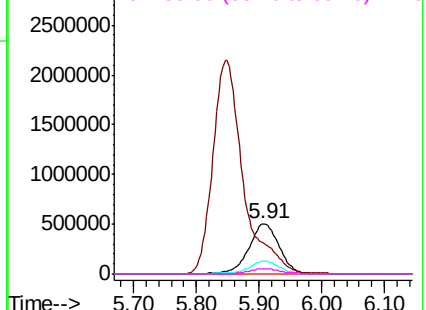
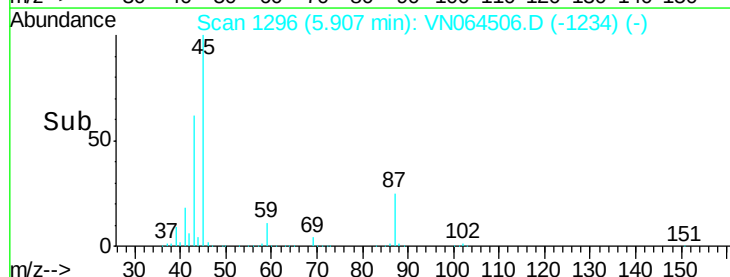


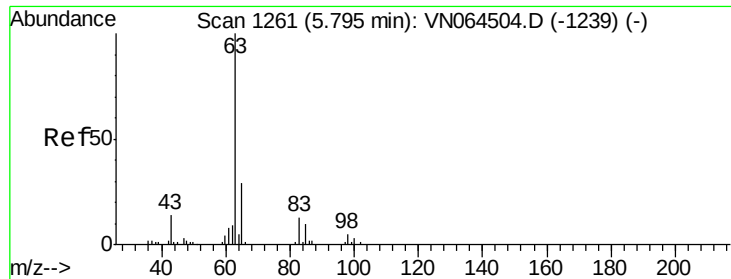
Abundance Ion 45.00 (44.70 to 45.70): VN064506.D (-1234) (-)

Ion 43.00 (42.70 to 43.70): VN064506.D (-1234) (-)

Ion 87.00 (86.70 to 87.70): VN064506.D (-1234) (-)

Ion 59.00 (58.70 to 59.70): VN064506.D (-1234) (-)





#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

ClientSampleId :

VSTDIC100

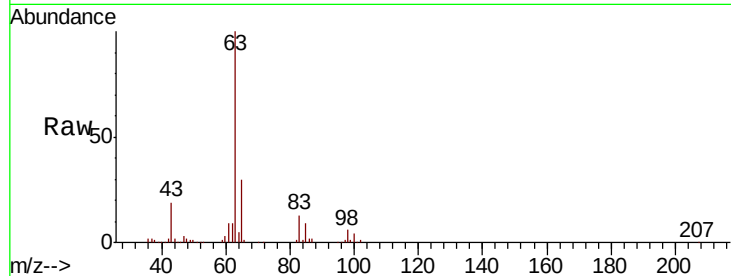
Tot Ion: 63 Resp: 897053

Ion Ratio Lower Upper

63 100

98 6.1 2.6 8.0

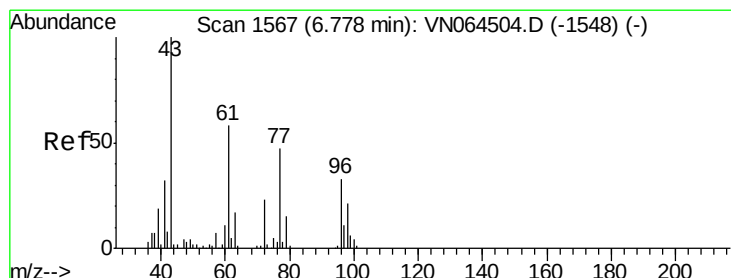
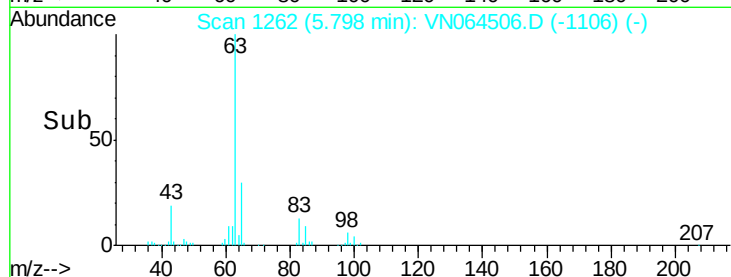
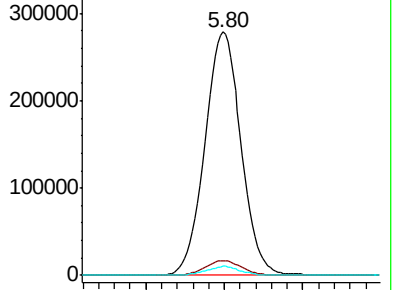
100 3.7 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VN064506.D (-1106) (-)

Ion 98.00 (97.70 to 98.70): VN064506.D (-1106) (-)

Ion 100.00 (99.70 to 100.70): VN064506.D (-1106) (-)



#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

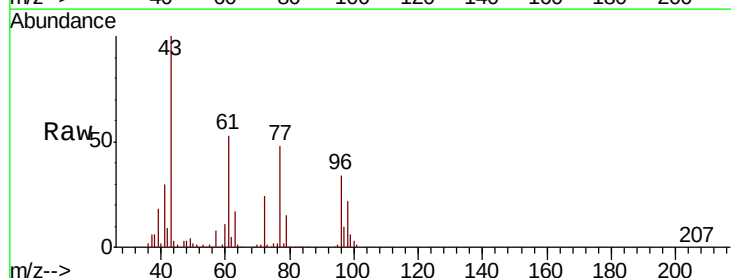
Tgt Ion: 96 Resp: 525380

Ion Ratio Lower Upper

96 100

61 158.9 136.1 204.1

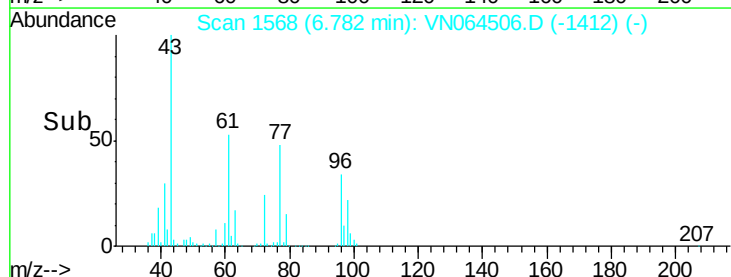
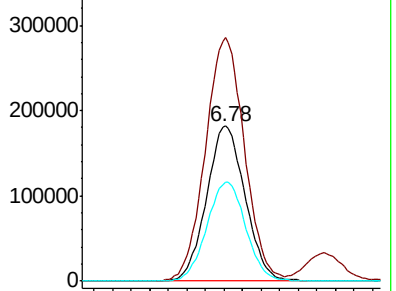
98 64.3 51.8 77.8

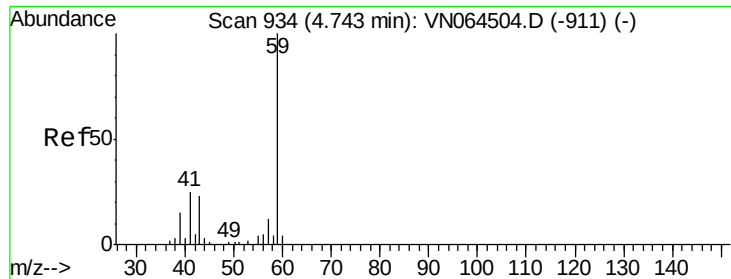


Abundance Ion 96.00 (95.70 to 96.70): VN064506.D (-1412) (-)

Ion 61.00 (60.70 to 61.70): VN064506.D (-1412) (-)

Ion 98.00 (97.70 to 98.70): VN064506.D (-1412) (-)



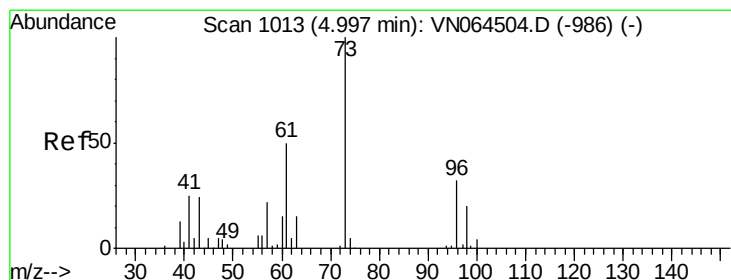
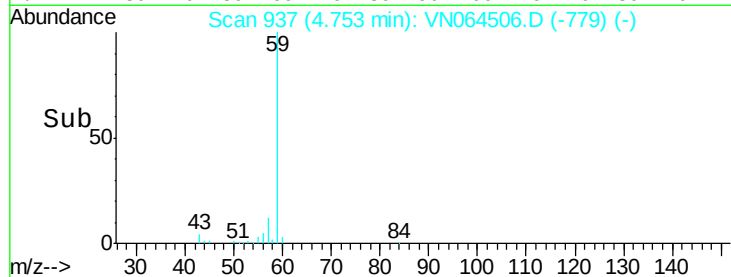
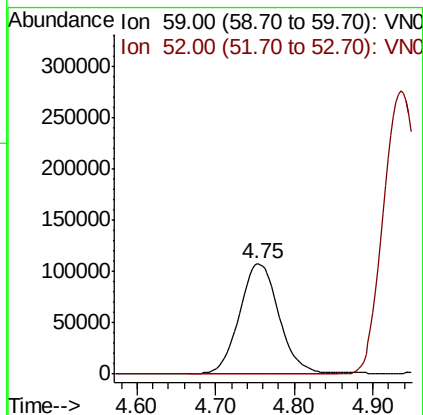
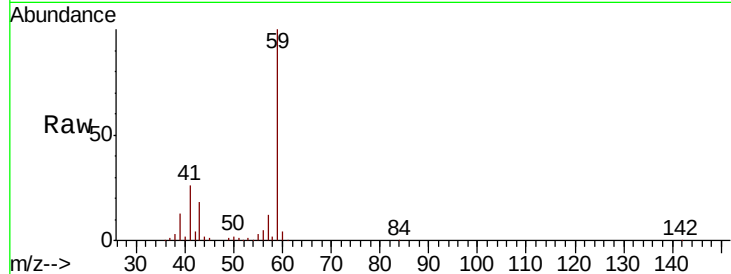


#23

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
 ClientSampleId :
 VSTDIC100

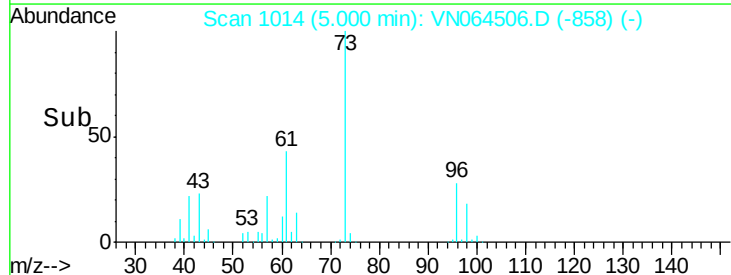
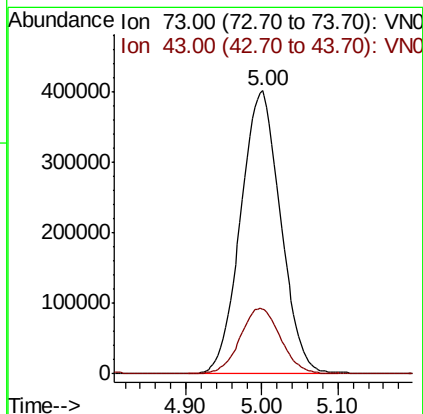
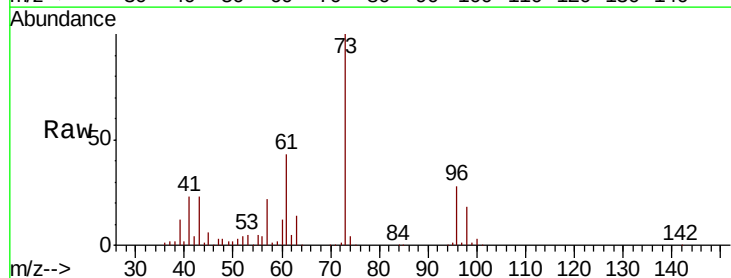
Tot Ion: 59 Resp: 380748
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

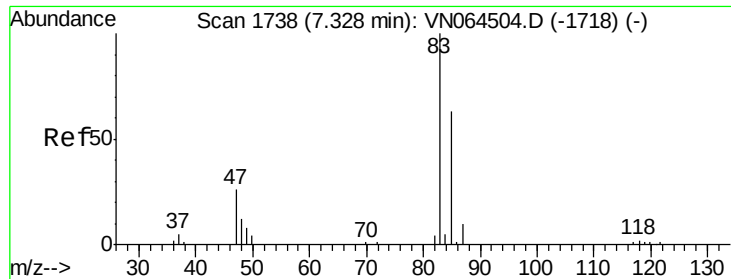


#24

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#

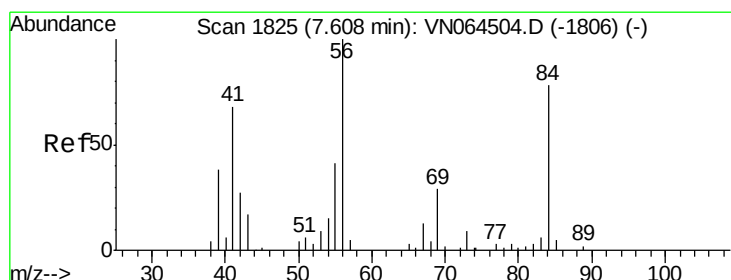
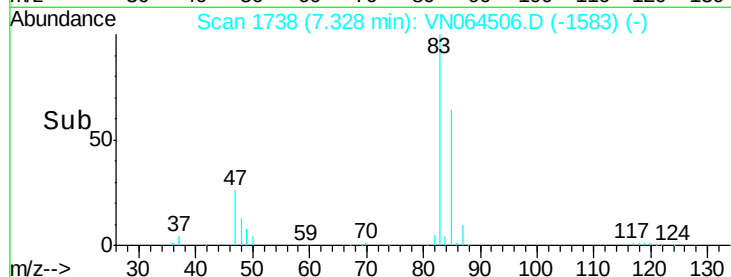
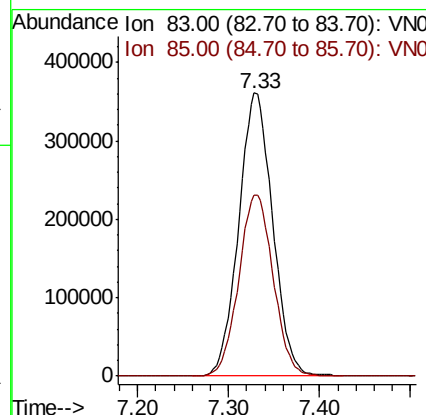
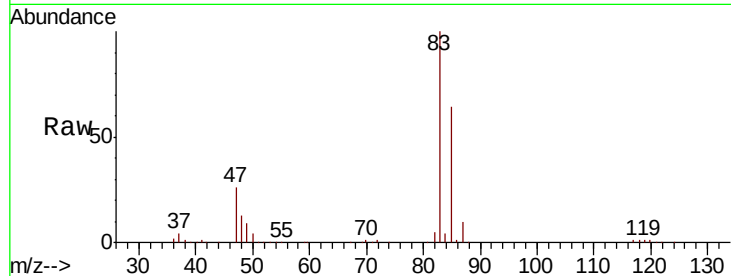




#25
Chloroform
Concen: 107.629 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

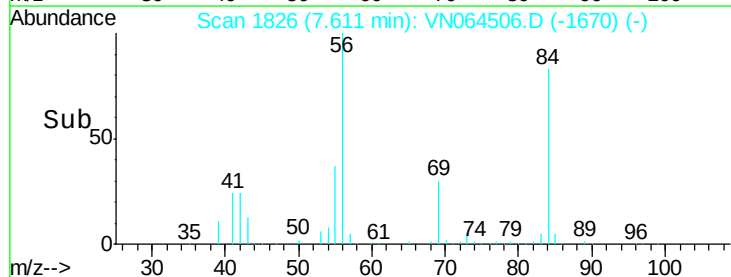
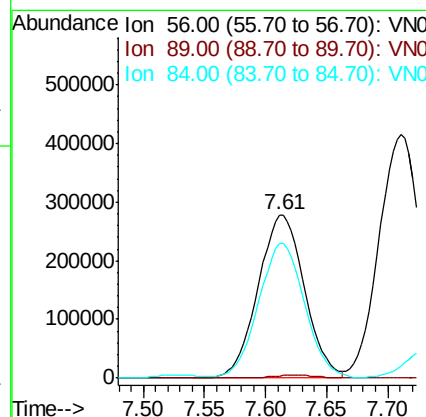
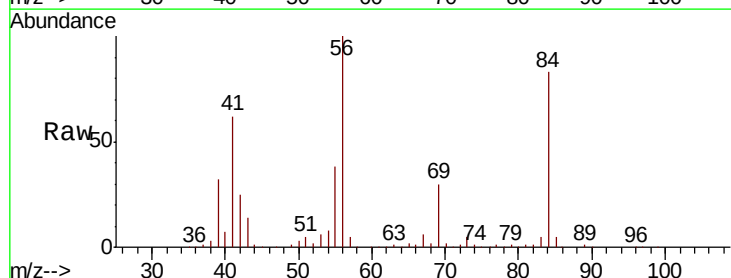
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

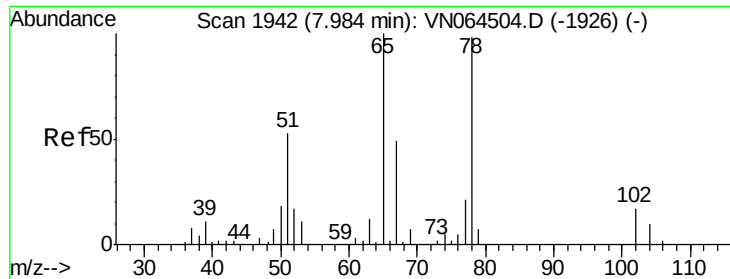
Tot Ion: 83 Resp: 937160
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8



#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

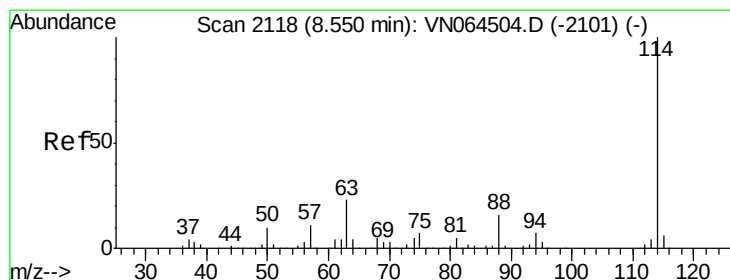
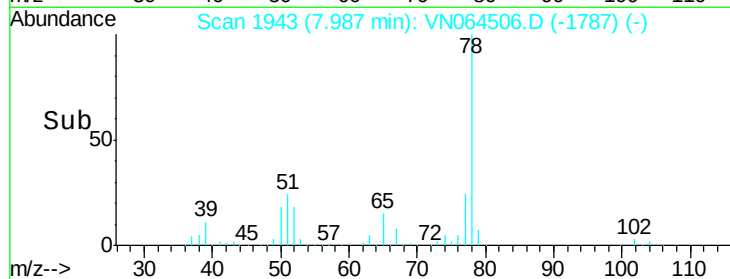
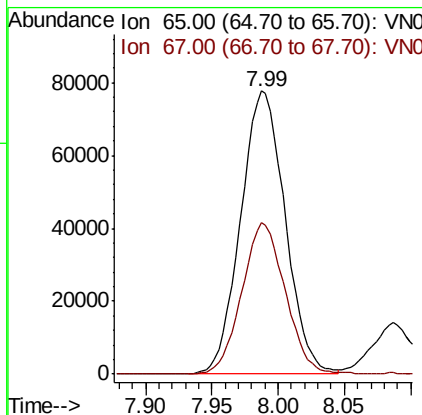
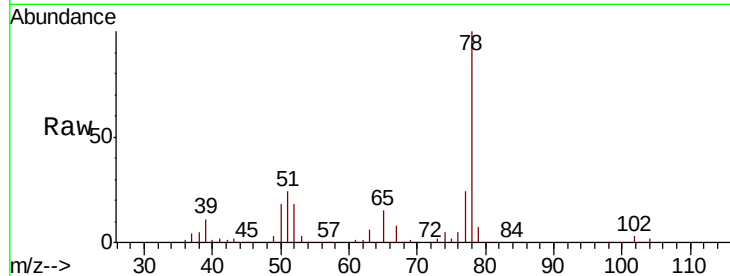




#27
 1,2-Dichloroethane-d4
 Concen: 31.086 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

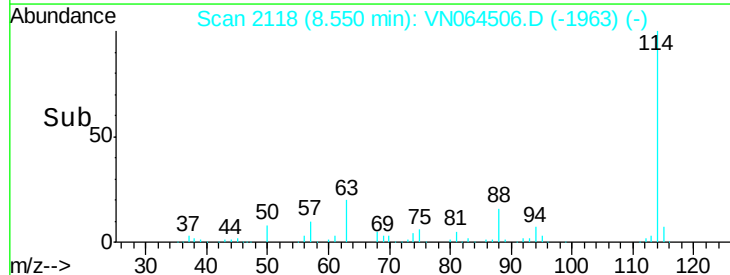
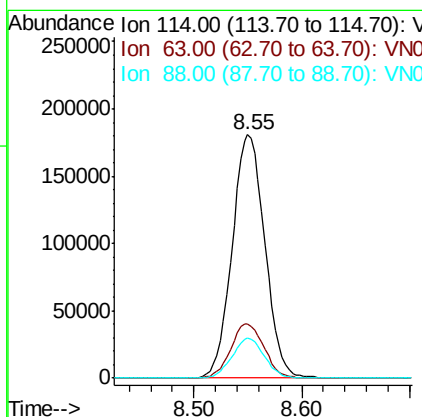
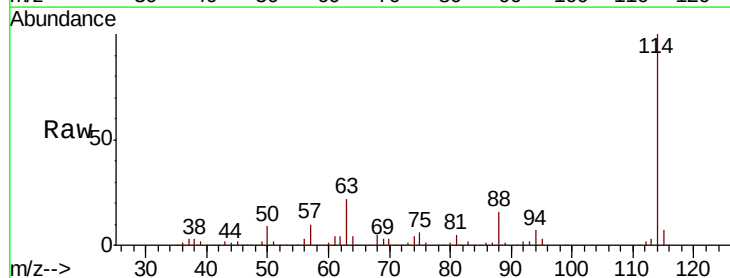
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

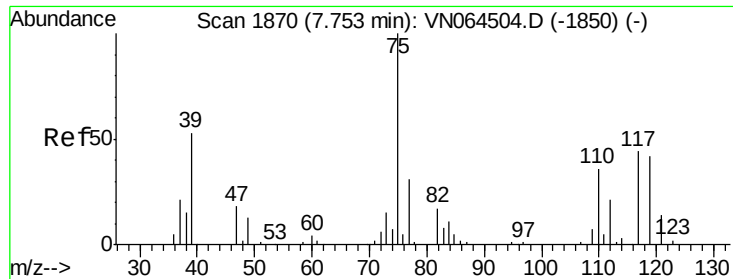
Tot Ion: 65 Resp: 181682
 Ion Ratio Lower Upper
 65 100
 67 51.9 41.1 61.7



#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

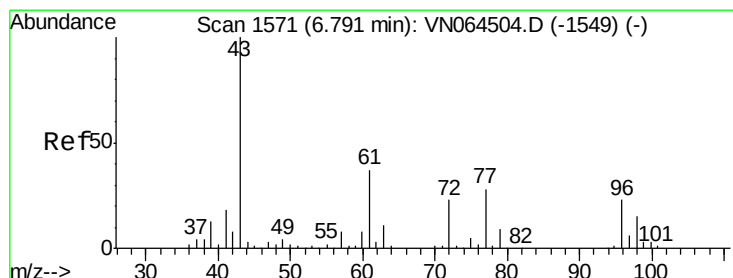
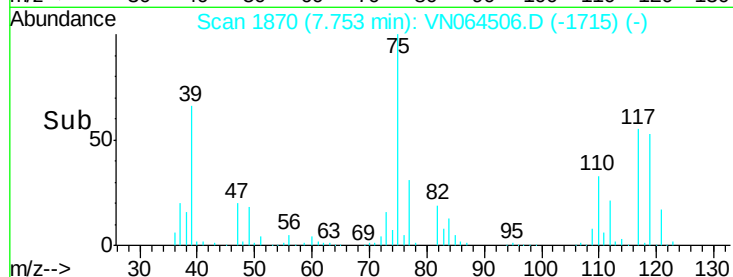
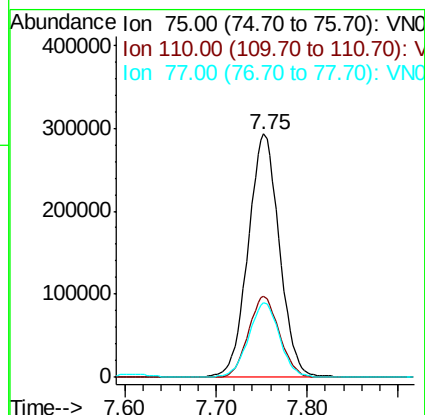
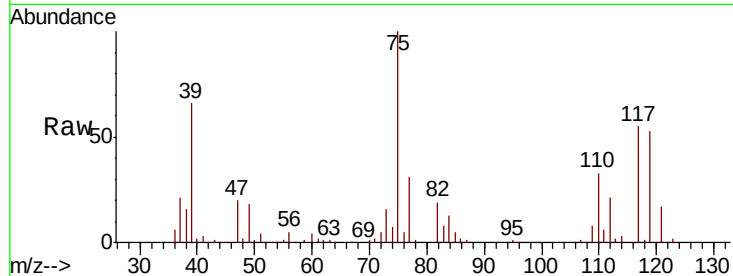




#29
 1,1-Dichloropropene
 Concen: 112.019 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

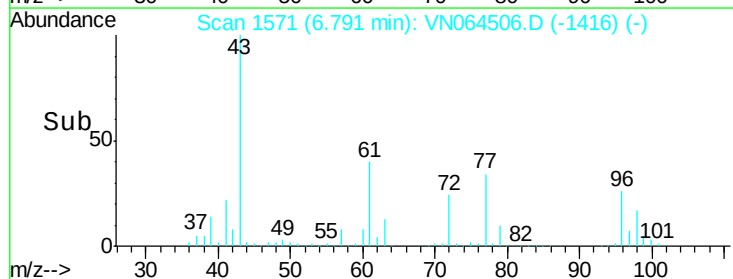
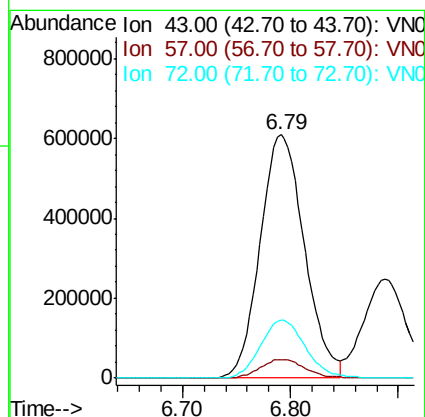
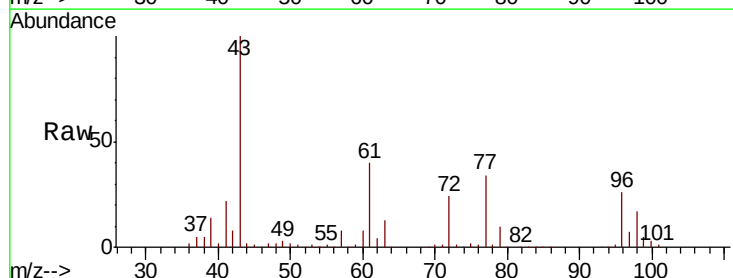
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

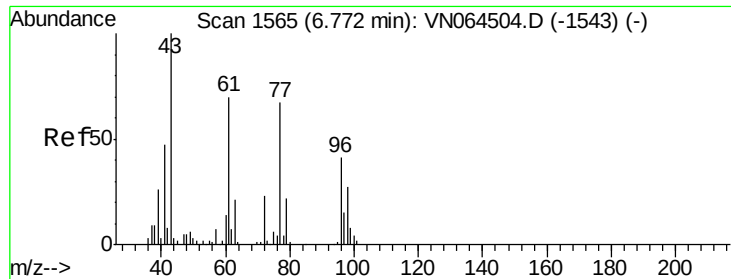
Tot Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	66.4
77	30.6	0.0	62.0



#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	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	24.3	9.9	14.9

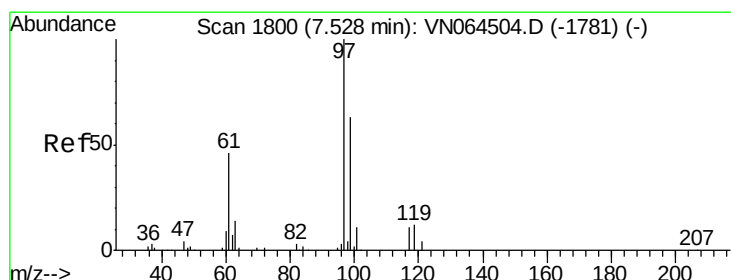
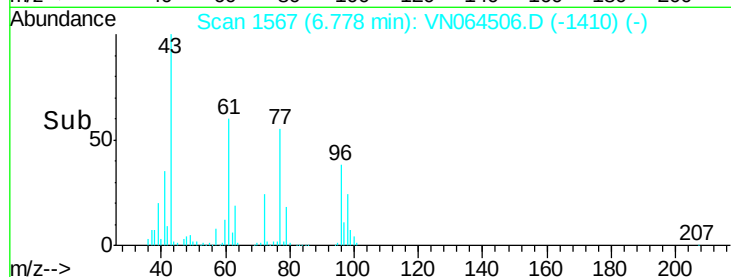
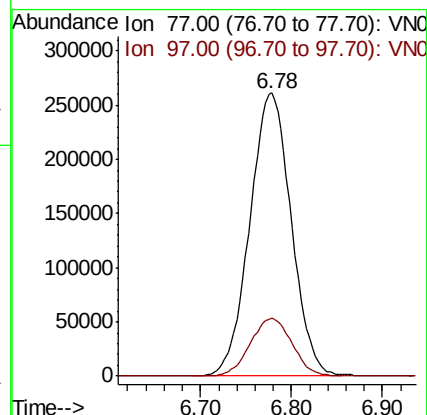
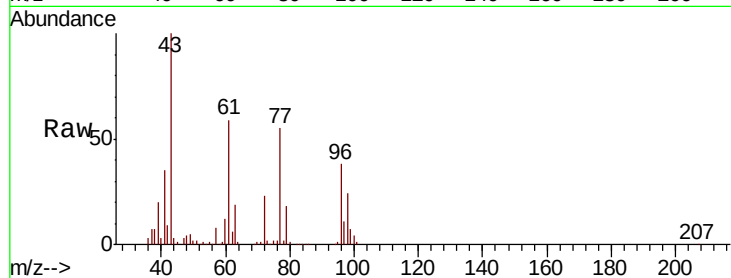




#31
 2,2-Dichloropropane
 Concen: 108.502 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

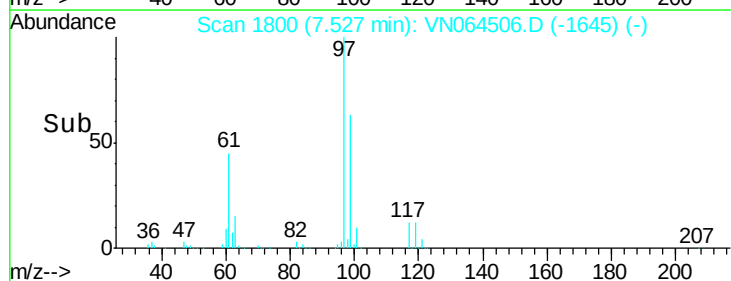
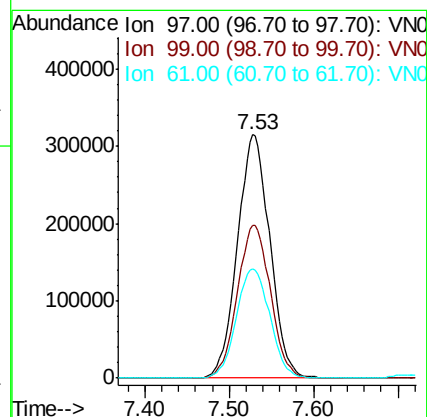
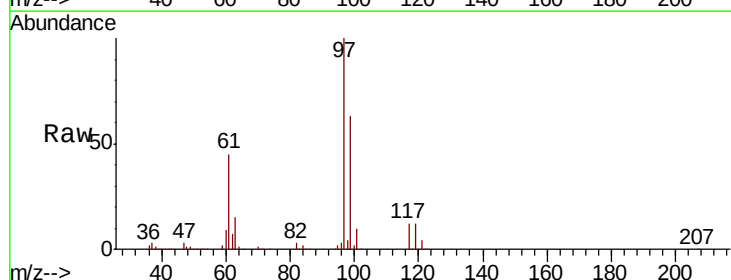
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

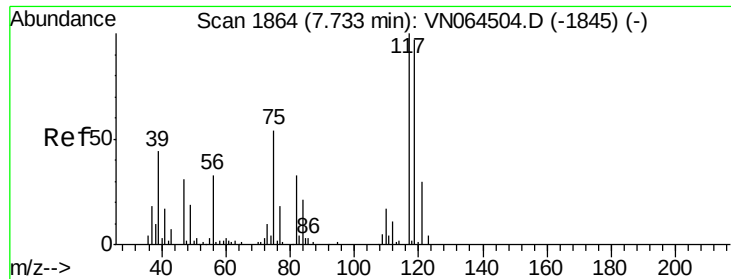
Tot Ion: 77 Resp: 824552
 Ion Ratio Lower Upper
 77 100
 97 20.7 16.9 25.3



#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 :

VSTDIC100

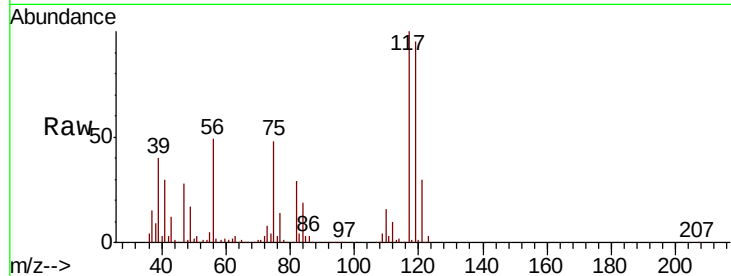
Tot Ion:117 Resp: 758665

Ion Ratio Lower Upper

117 100

119 94.6 77.9 116.9

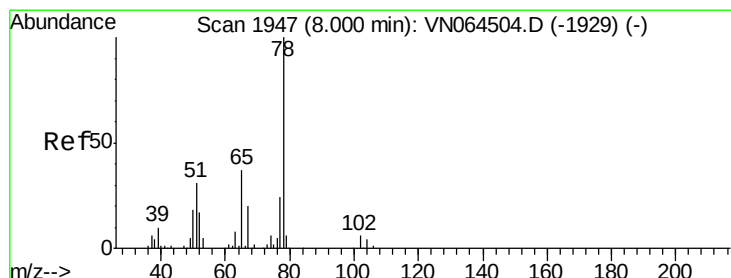
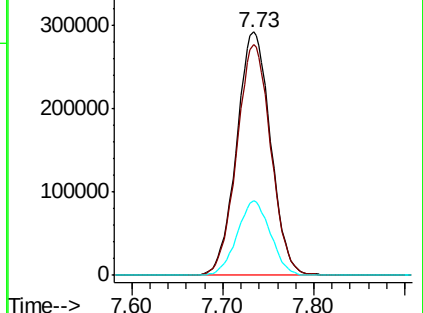
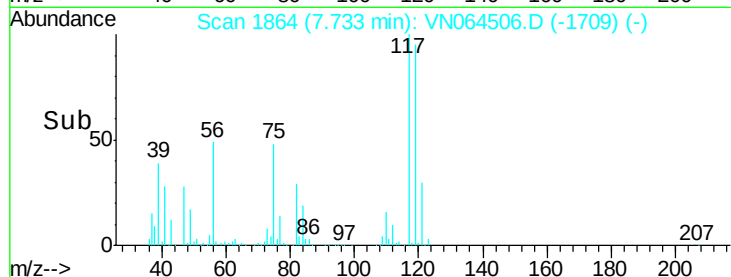
121 30.5 24.0 36.0



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

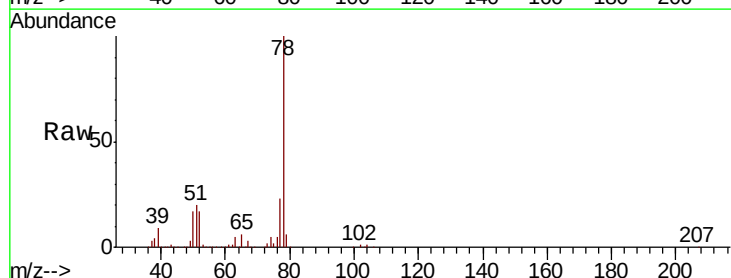
Tgt Ion: 78 Resp: 2026503

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3

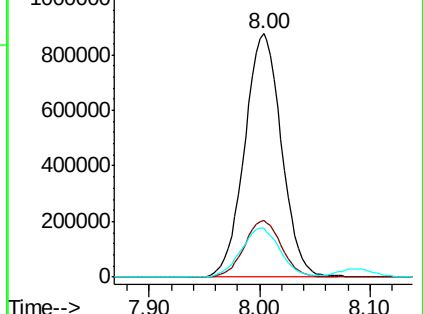
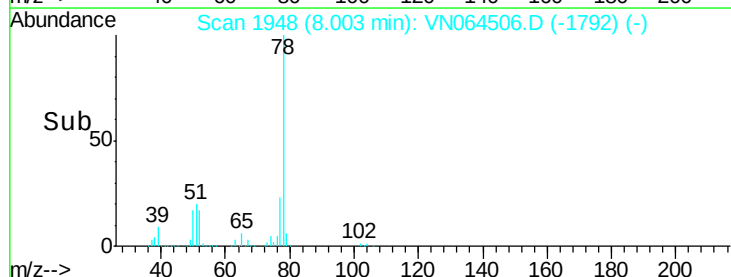
51 19.9 24.6 36.8#

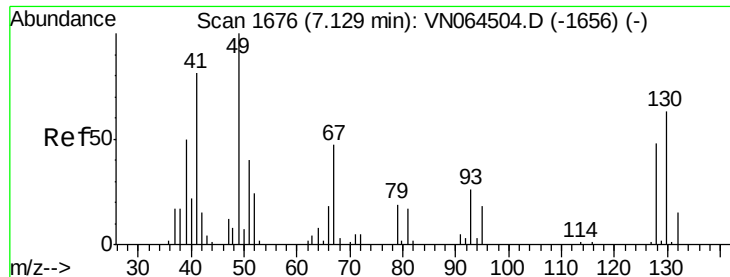


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

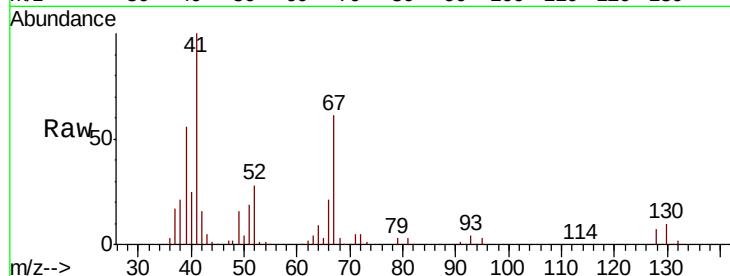




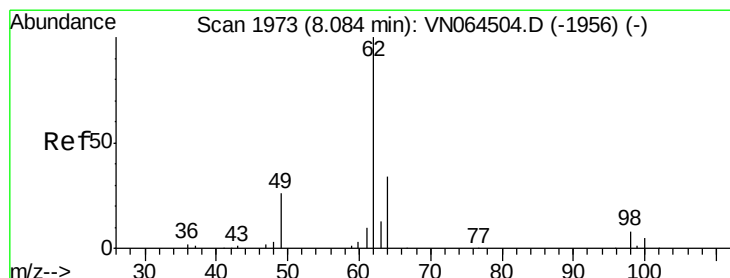
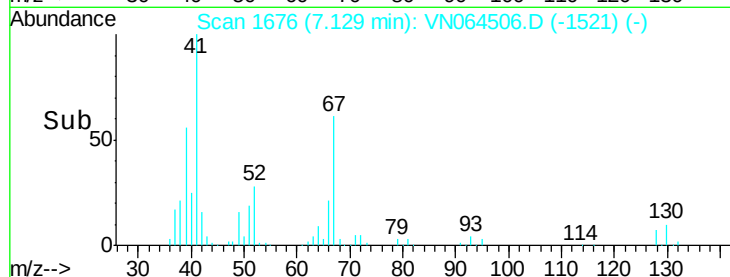
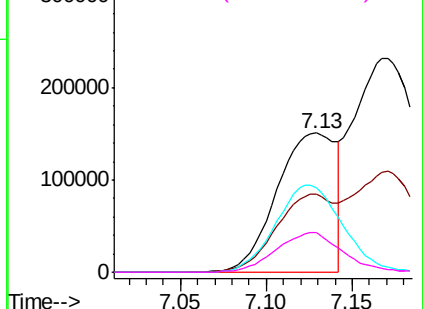
#35
Methacrylonitrile
Concen: 129.348 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

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

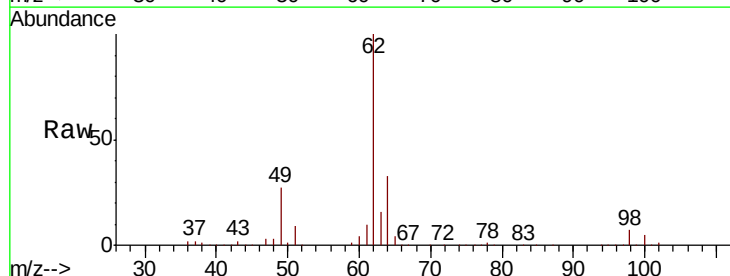


Abundance Ion 41.00 (40.70 to 41.70): VN064506.D (-1521) (-)
Ion 39.00 (38.70 to 39.70): VN064506.D (-1521) (-)
Ion 67.00 (66.70 to 67.70): VN064506.D (-1521) (-)
Ion 52.00 (51.70 to 52.70): VN064506.D (-1521) (-)

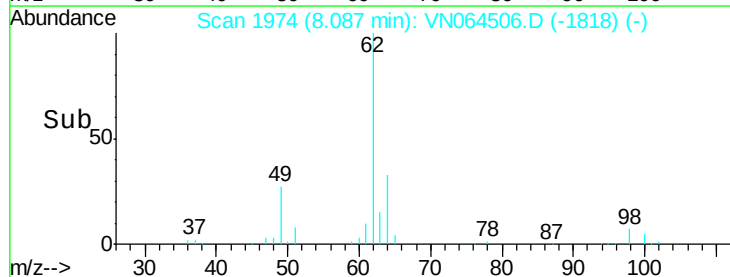
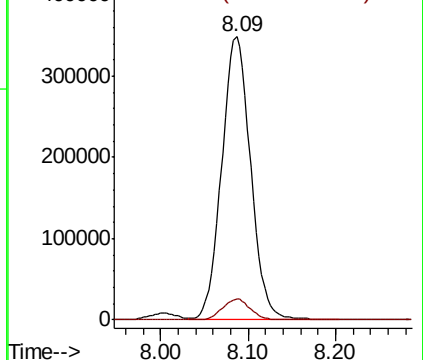


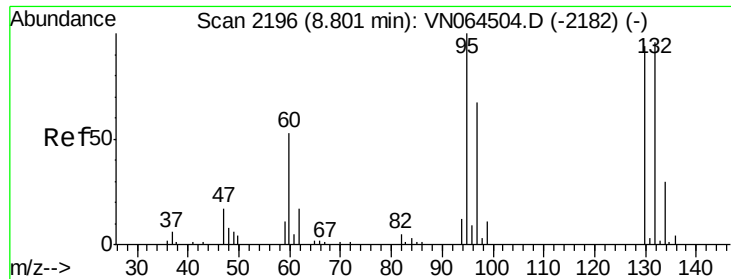
#36
1,2-Dichloroethane
Concen: 109.672 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

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): VN064506.D (-1818) (-)
Ion 98.00 (97.70 to 98.70): VN064506.D (-1818) (-)





#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

ClientSampleId :

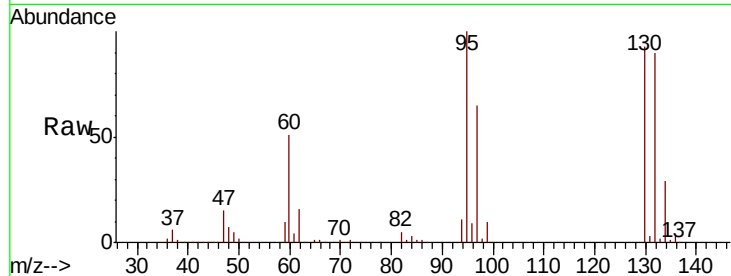
VSTDIC100

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

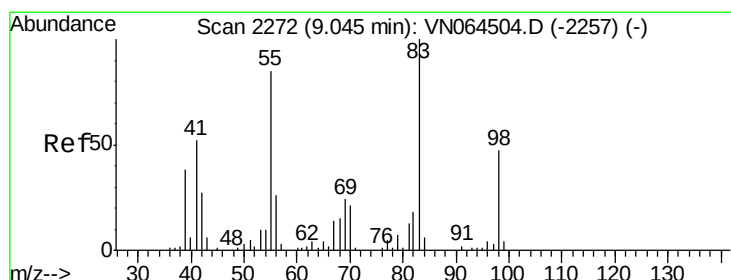
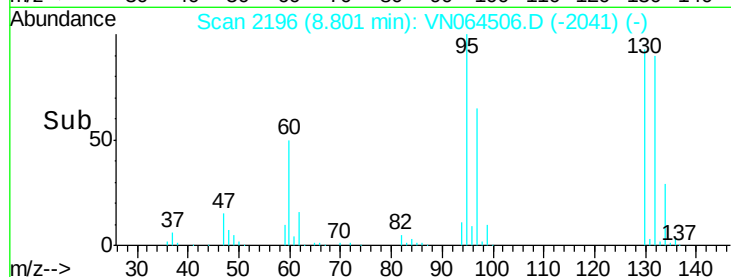
150000

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

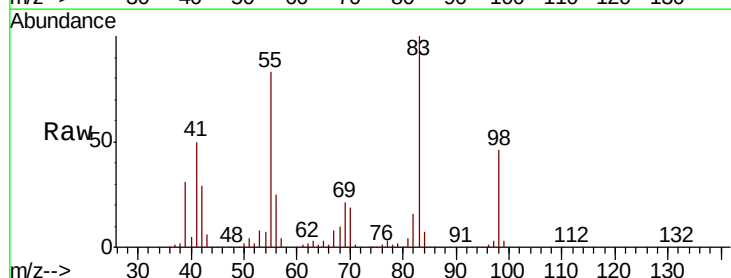
Tgt Ion: 83 Resp: 657980

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

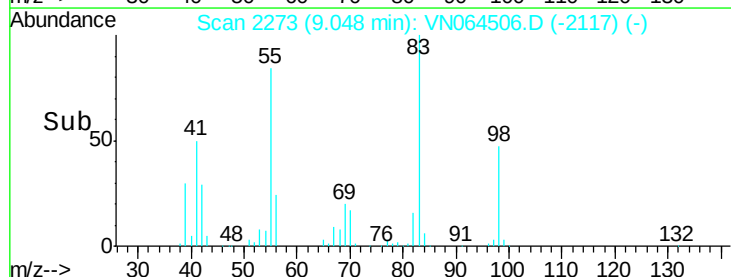
300000

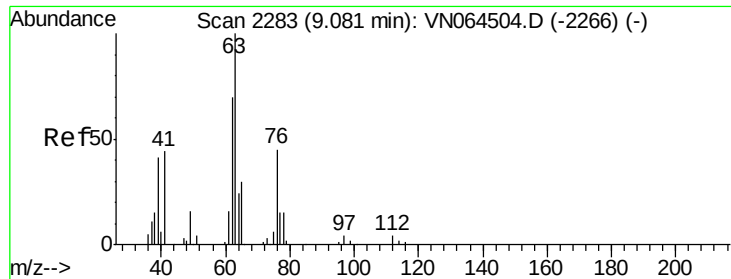
200000

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 :

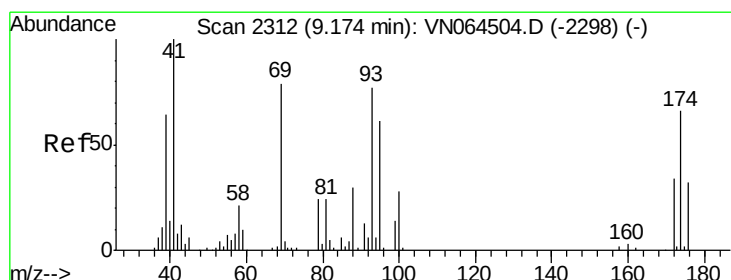
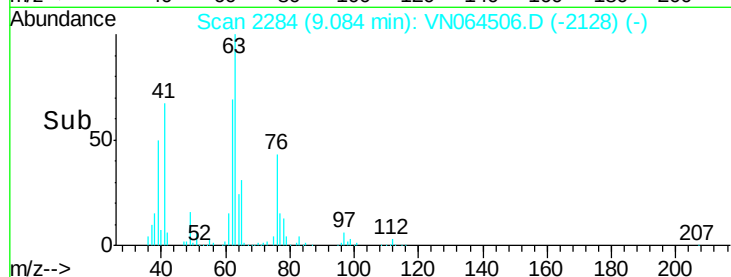
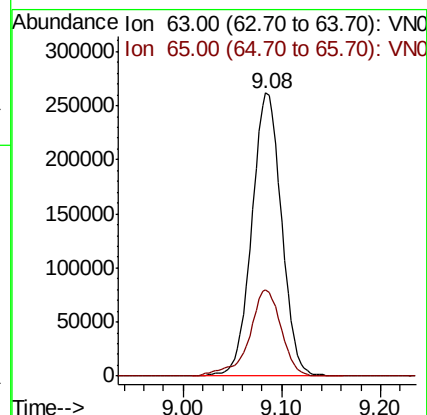
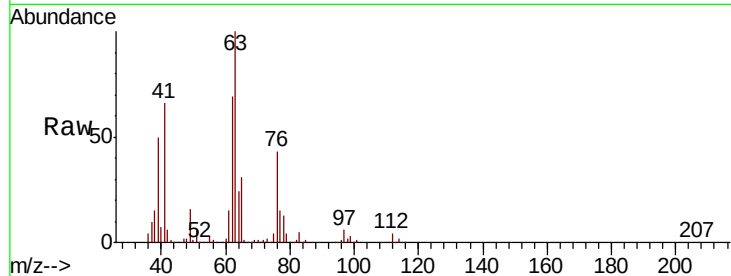
VSTDIC100

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

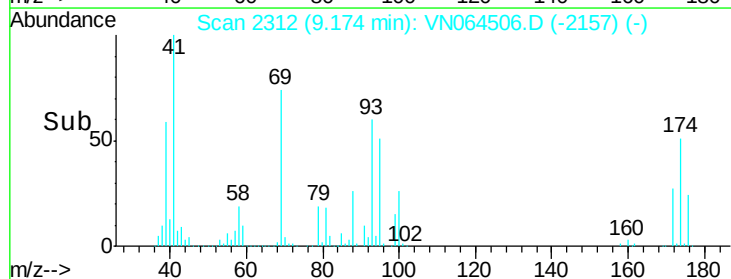
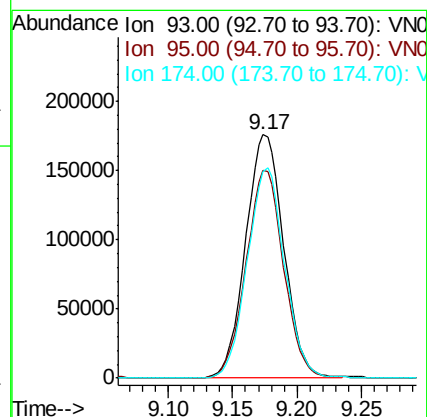
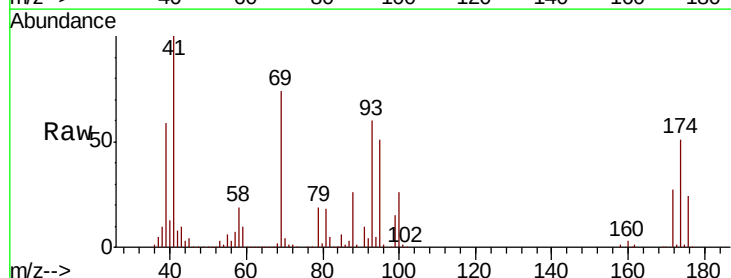
Tgt Ion: 93 Resp: 362546

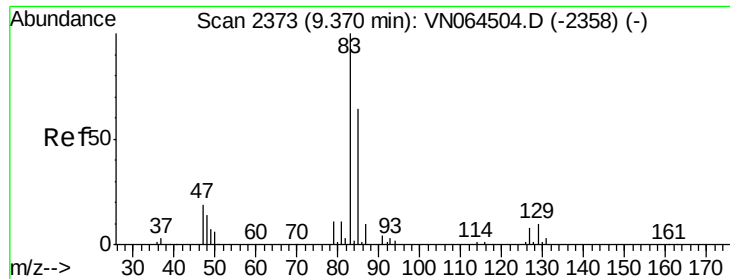
Ion Ratio Lower Upper

93 100

95 83.8 0.0 164.6

174 84.7 0.0 165.6

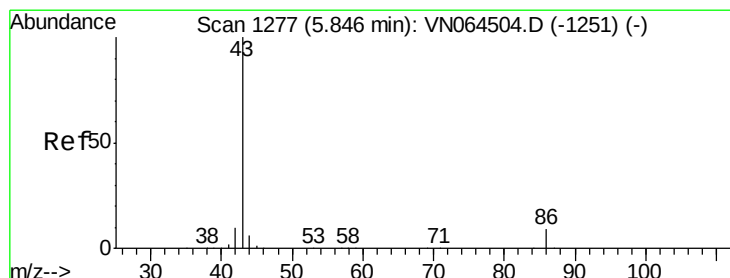
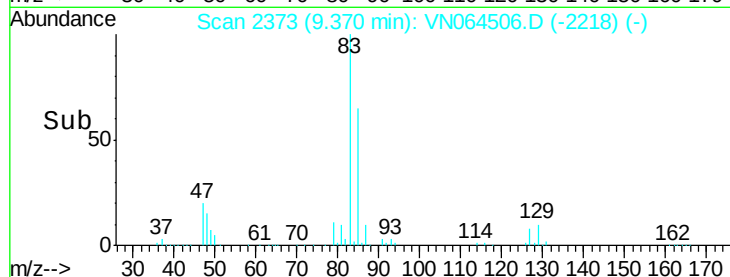
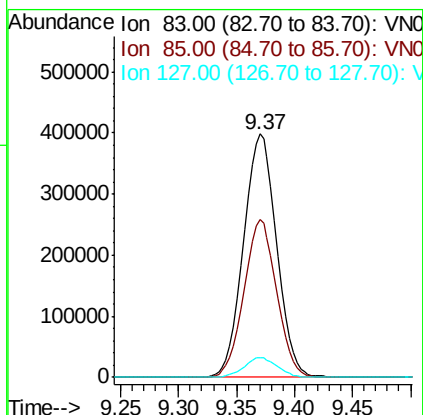
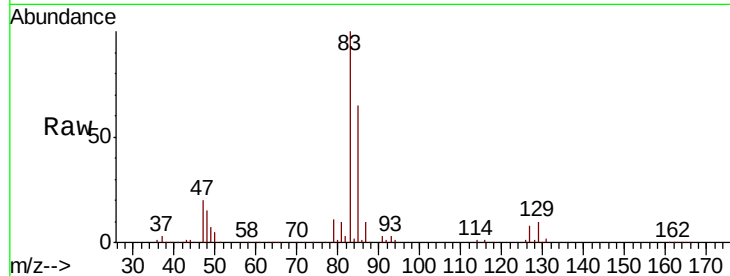




#41
Bromodichloromethane
Concen: 114.298 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

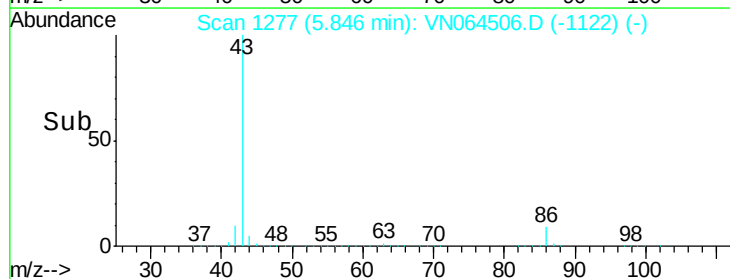
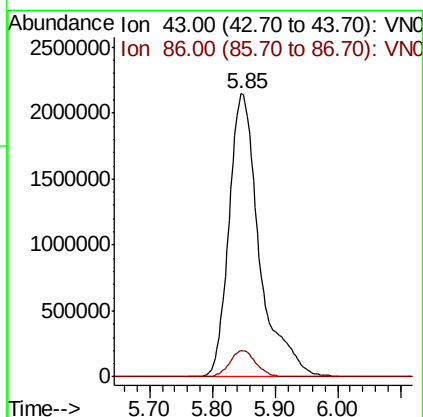
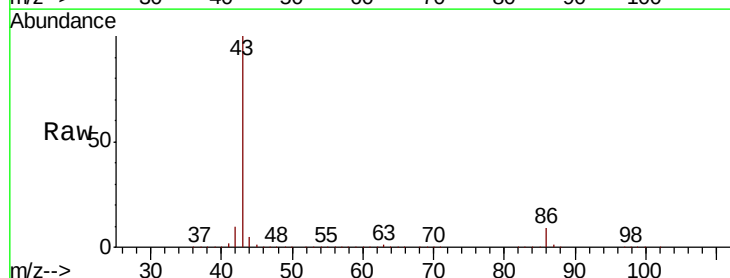
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

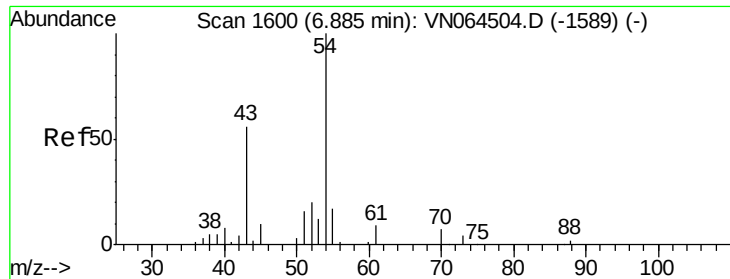
Tot Ion: 83 Resp: 793013
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4
127 8.2 6.2 9.4



#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





#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

ClientSampleId :

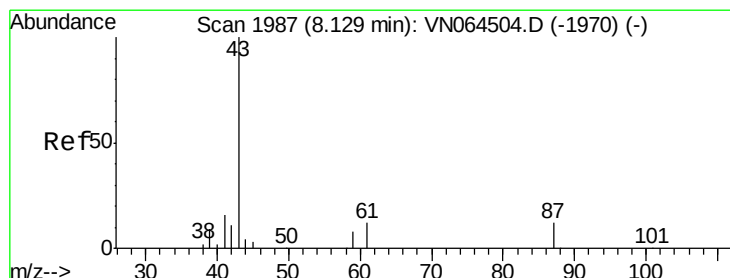
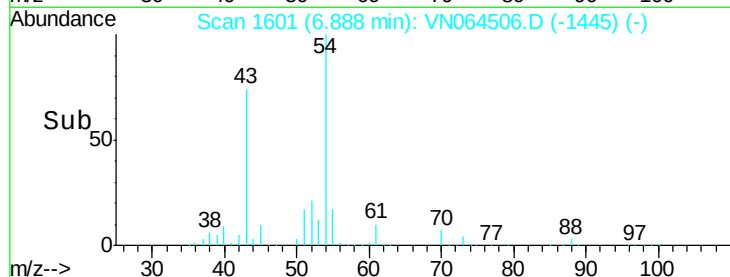
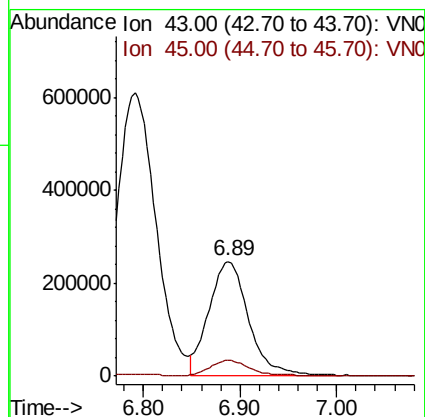
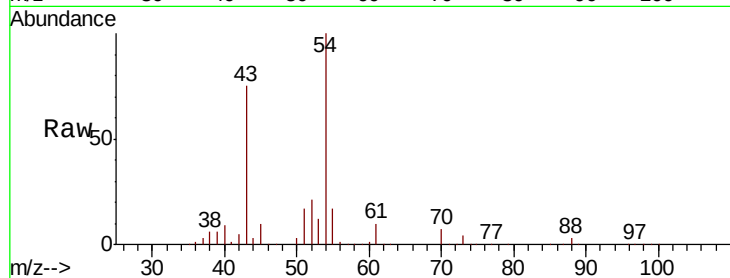
VSTDIC100

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

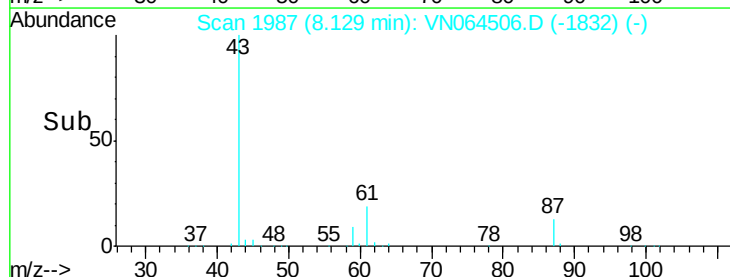
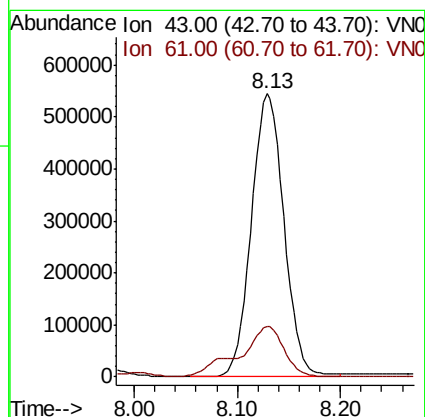
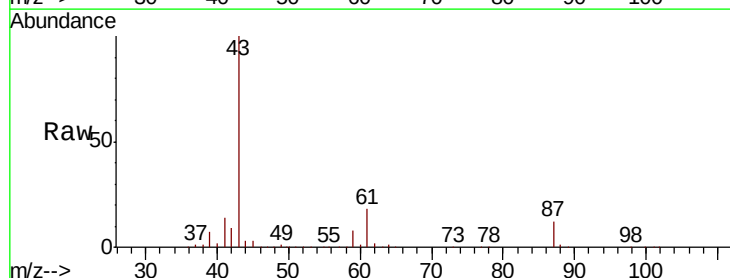
Acq: 9 Nov 2020 12:37

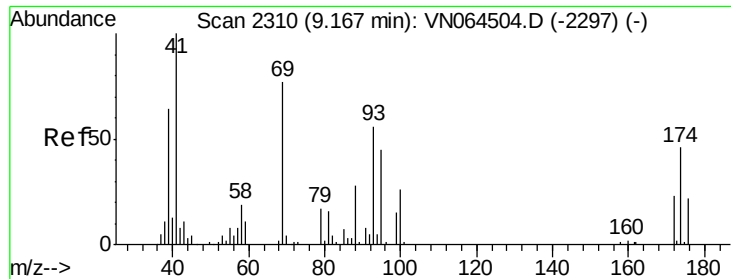
Tgt Ion: 43 Resp: 1190587

Ion Ratio Lower Upper

43 100

61 18.0 13.0 19.4

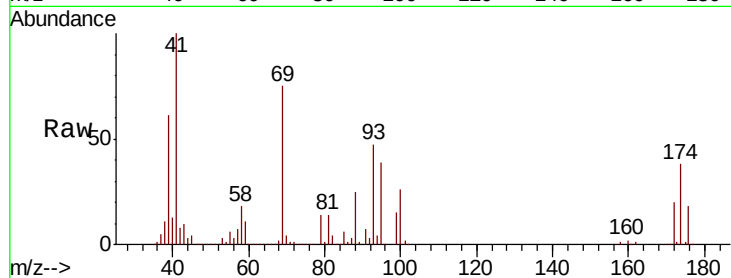




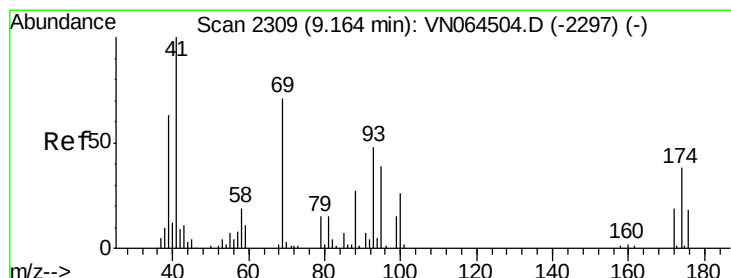
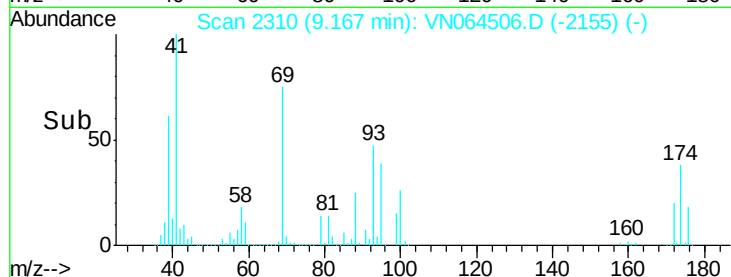
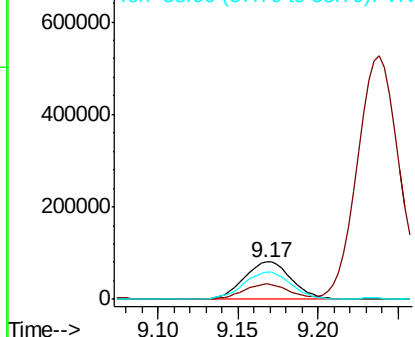
#45
1,4-Dioxane
Concen: 2367.000 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

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

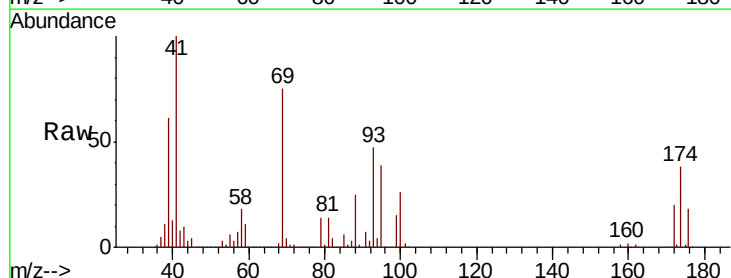


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

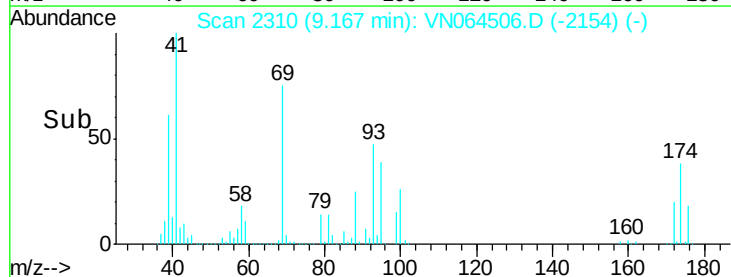
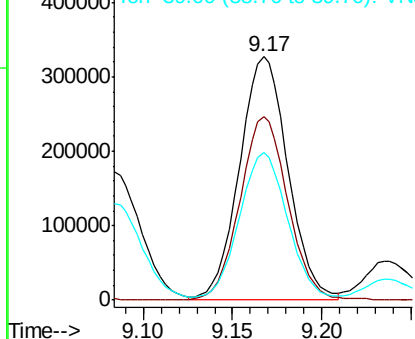


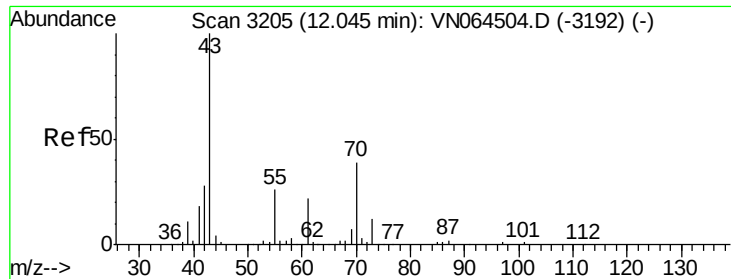
#46
Methyl methacrylate
Concen: 129.048 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

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



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

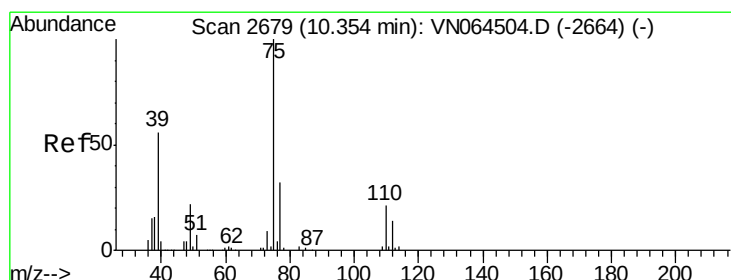
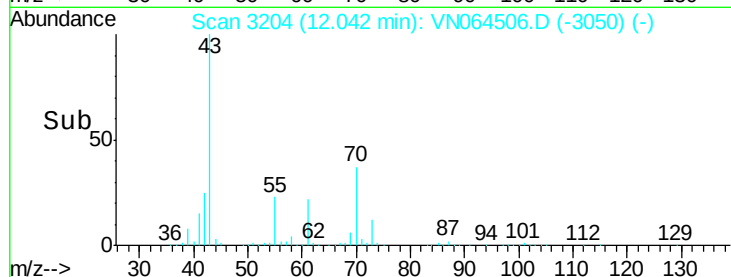
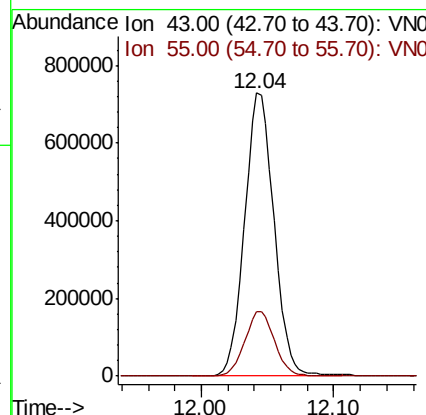
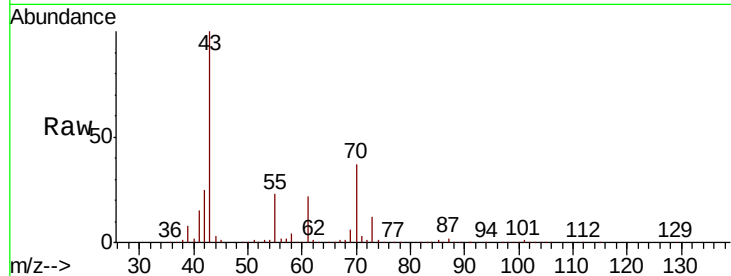




#47
n-amvl Acetate
Concen: 135.242 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

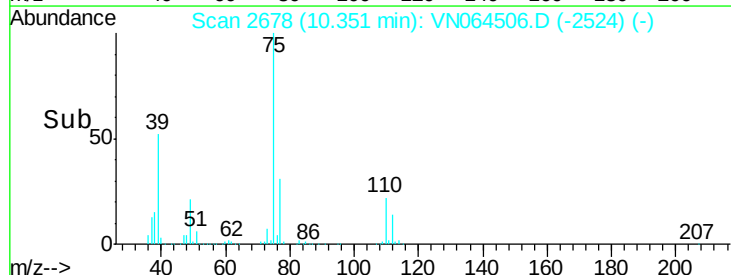
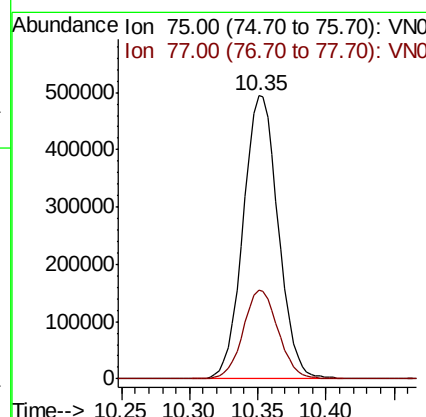
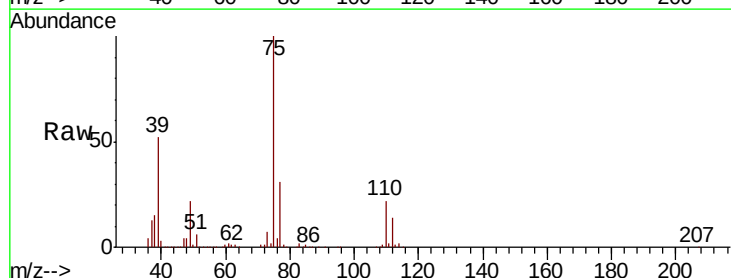
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

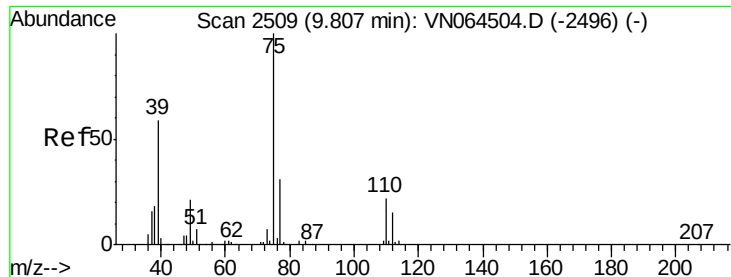
Tot Ion: 43 Resp: 1118894
Ion Ratio Lower Upper
43 100
55 23.2 19.2 28.8



#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



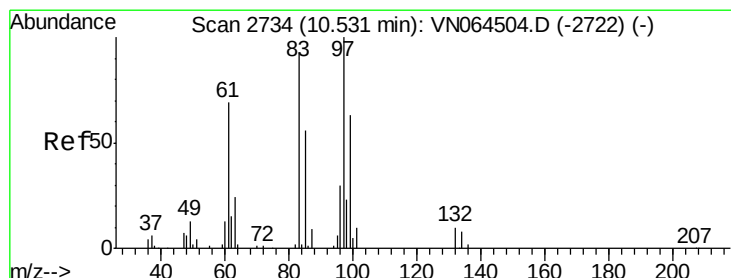
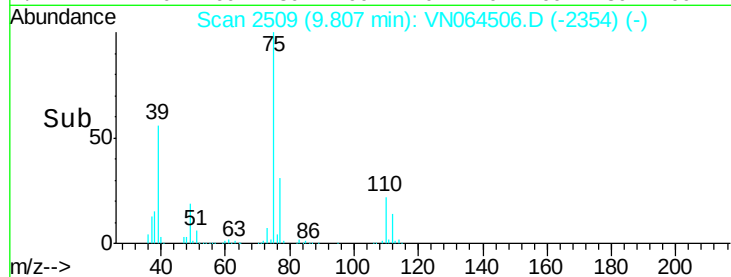
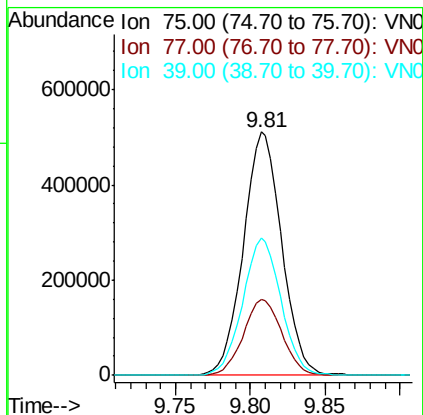
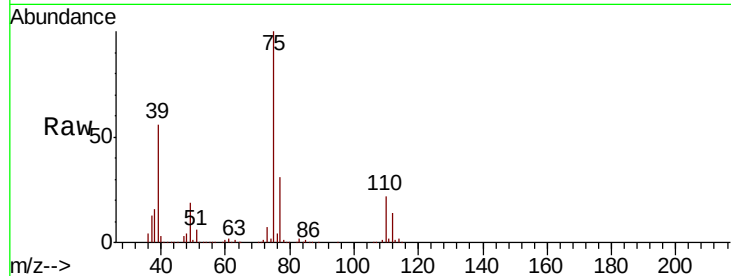


#49

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
 ClientSampleId :
 VSTDIC100

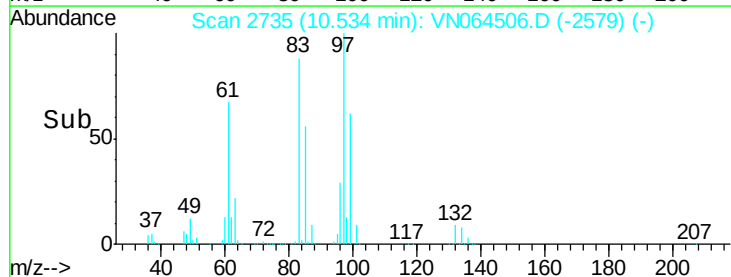
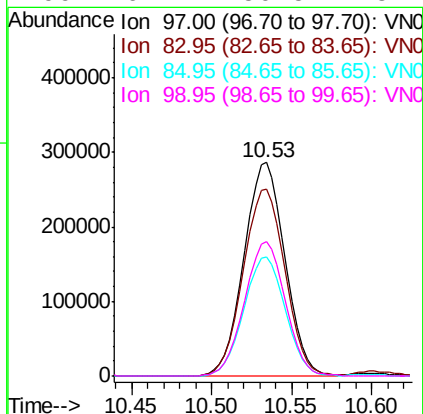
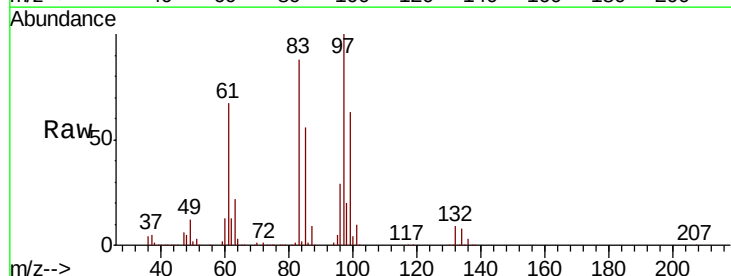
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	56.3	47.4	71.0

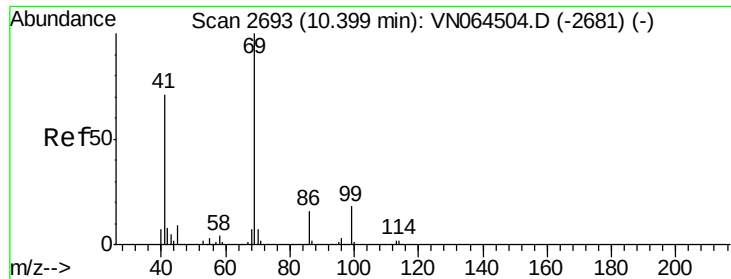


#50

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

ClientSampleId :

VSTDIC100

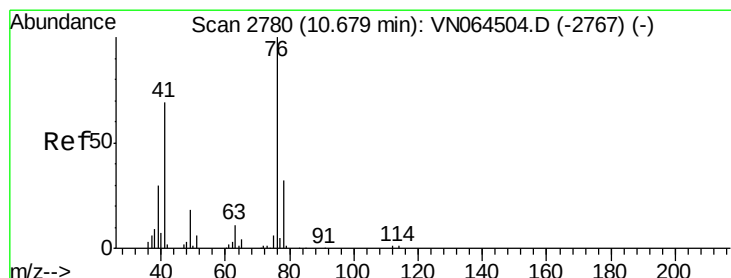
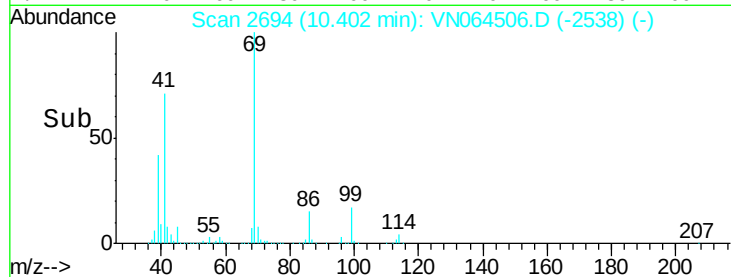
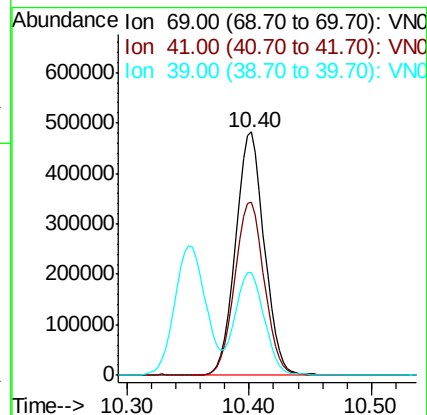
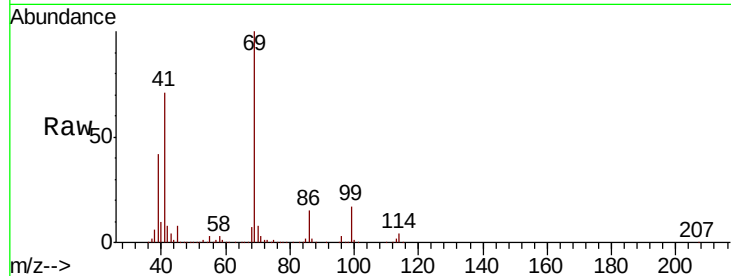
Tot Ion: 69 Resp: 791829

Ion Ratio Lower Upper

69 100

41 70.7 35.4 106.1

39 41.9 24.1 72.2



#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

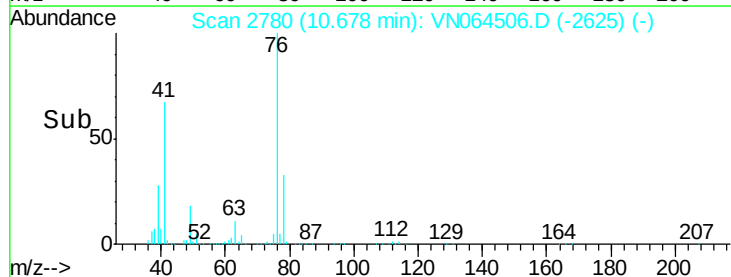
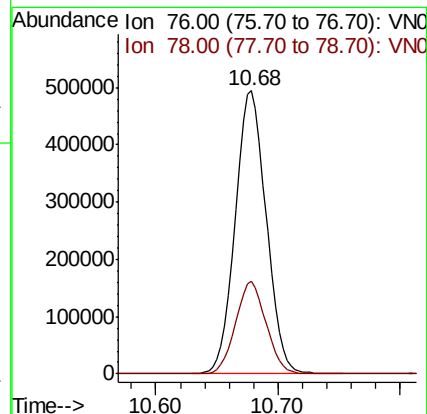
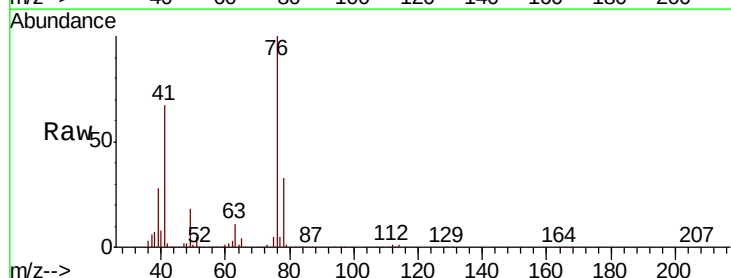
Acq: 9 Nov 2020 12:37

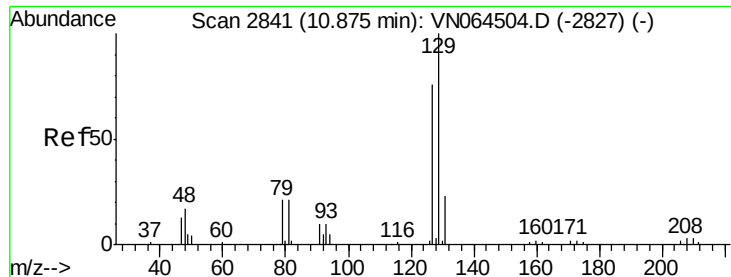
Tgt Ion: 76 Resp: 874048

Ion Ratio Lower Upper

76 100

78 32.1 0.0 65.2





#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

ClientSampleId :

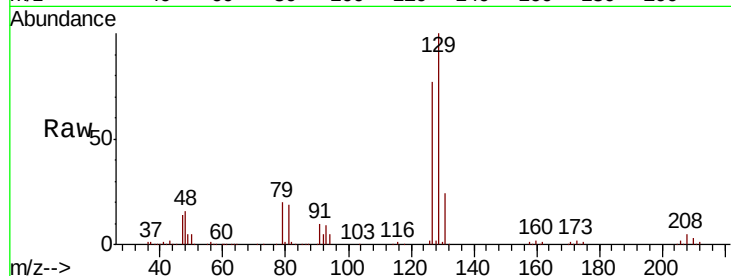
VSTDIC100

Tot Ion:129 Resp: 588856

Ion Ratio Lower Upper

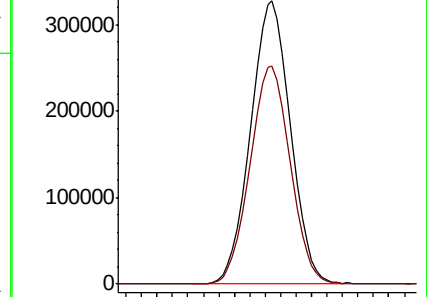
129 100

127 77.9 39.1 117.2

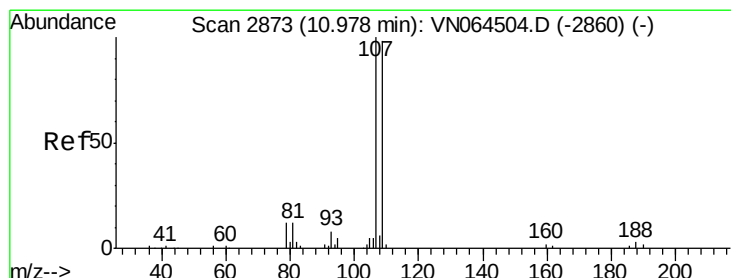
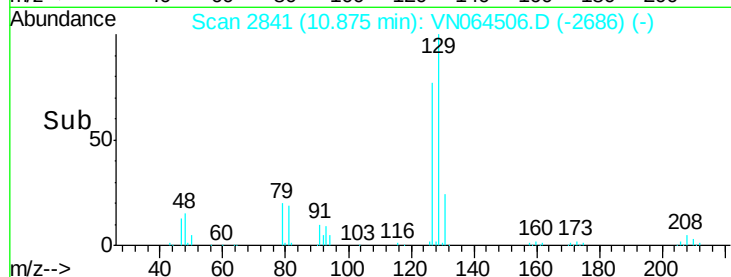


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#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

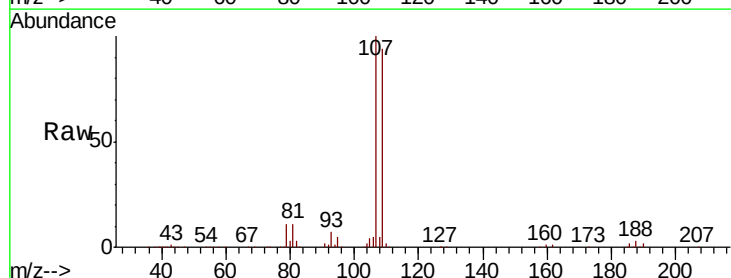
Acq: 9 Nov 2020 12:37

Tgt Ion:107 Resp: 529094

Ion Ratio Lower Upper

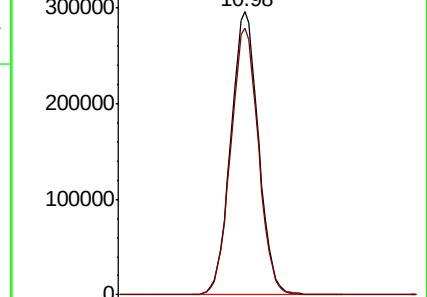
107 100

109 94.7 77.2 115.8

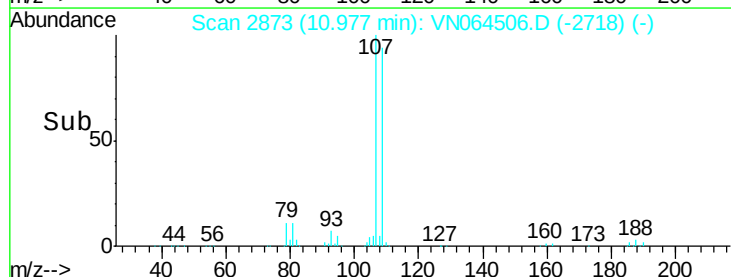


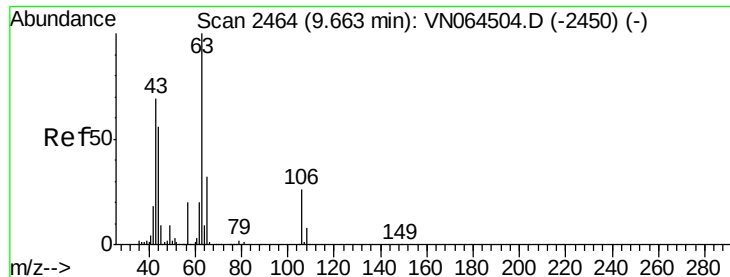
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->

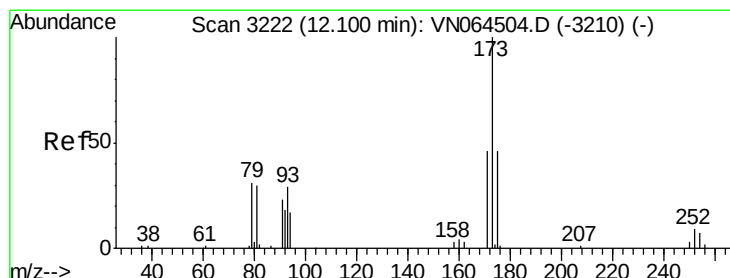
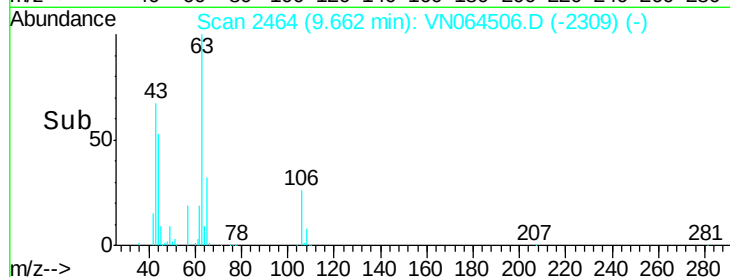
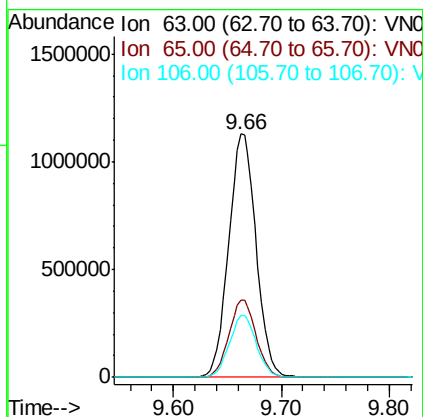
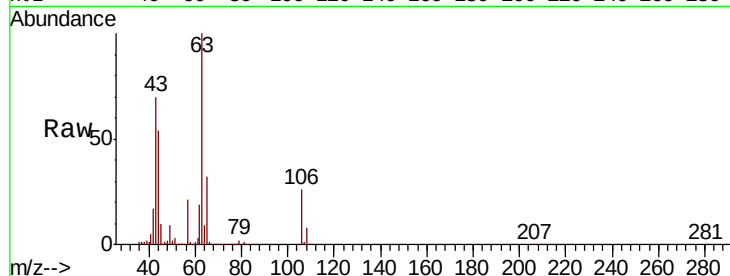




#55
 2-Chloroethyl vinyl ether
 Concen: 584.837 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

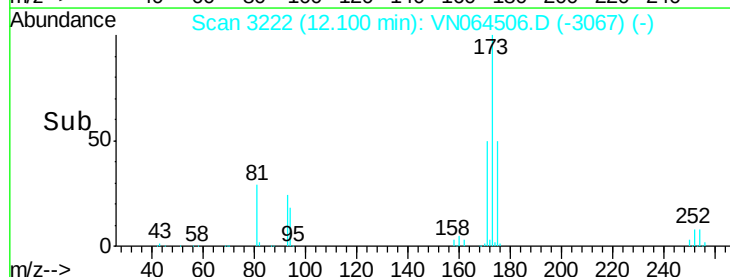
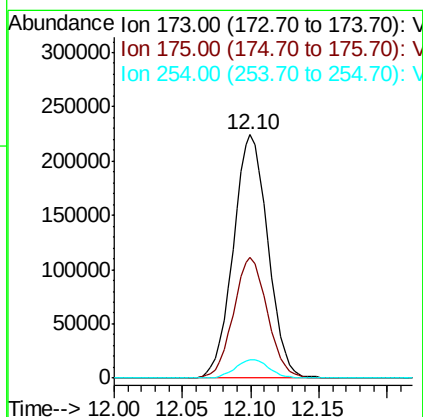
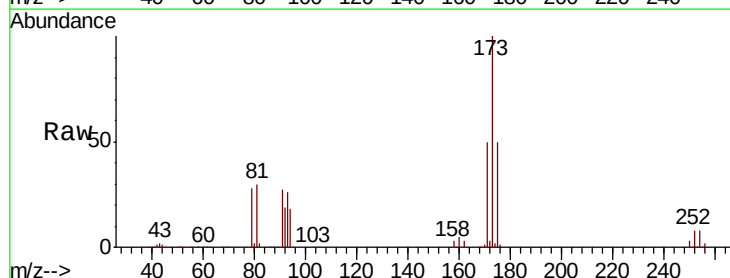
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

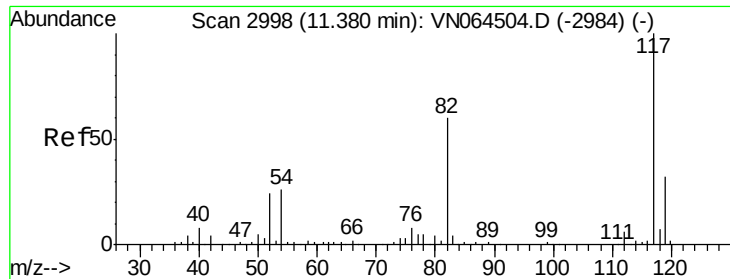
Tot Ion: 63 Resp: 2002912
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5
 106 25.2 19.9 29.9



#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

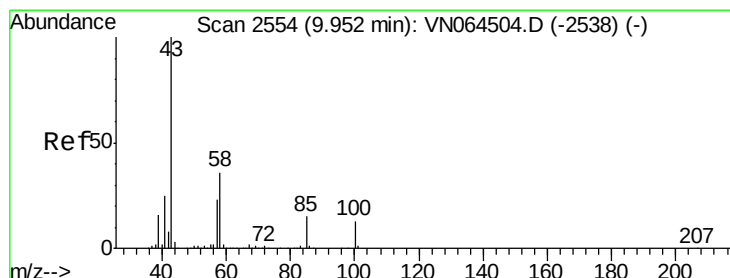
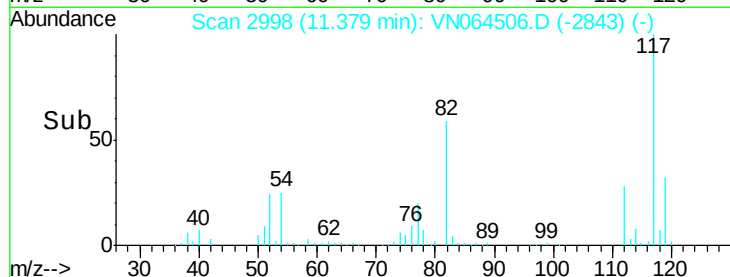
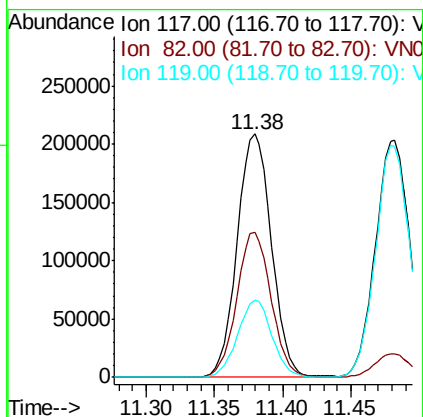
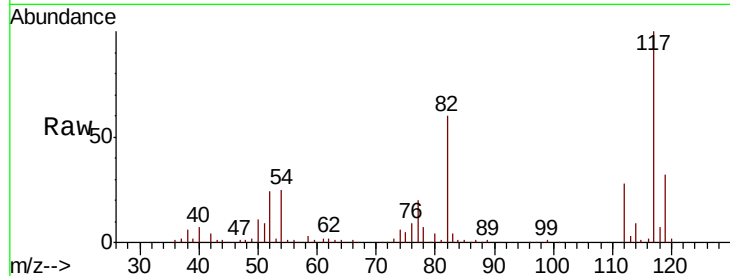




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

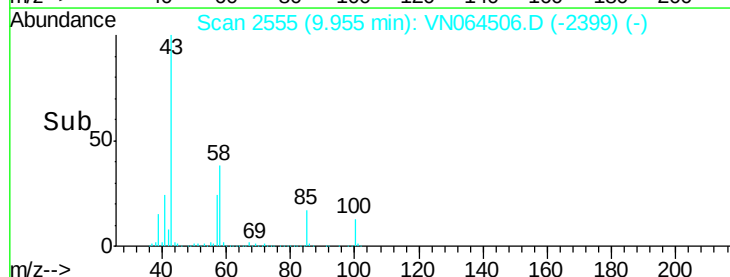
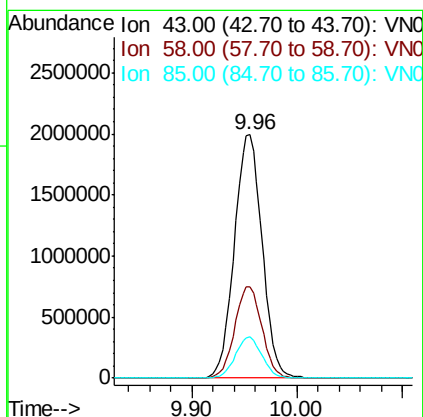
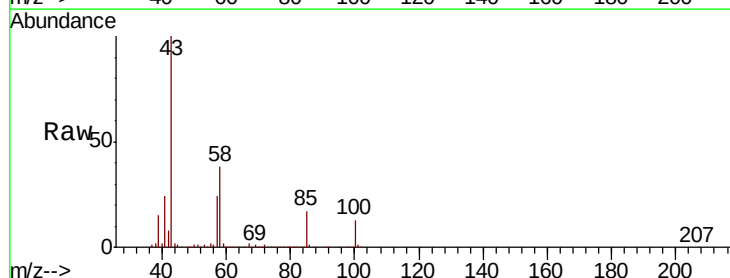
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

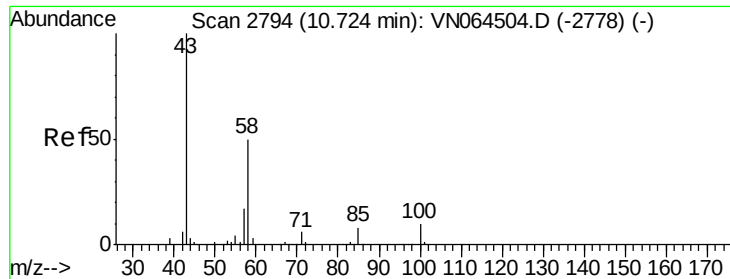
Tot Ion:117 Resp: 365494
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.5 25.7 38.5



#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

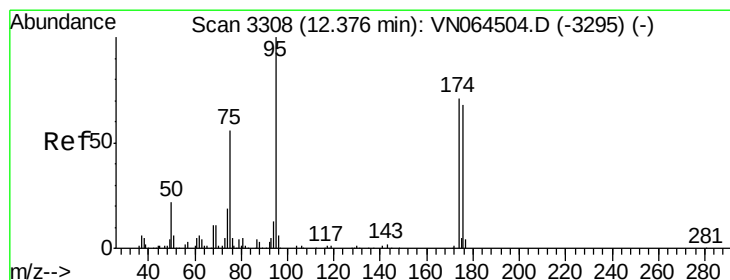
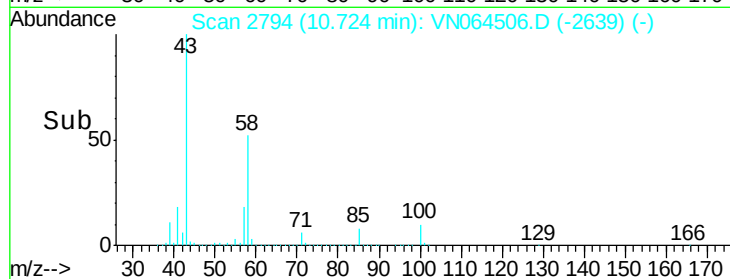
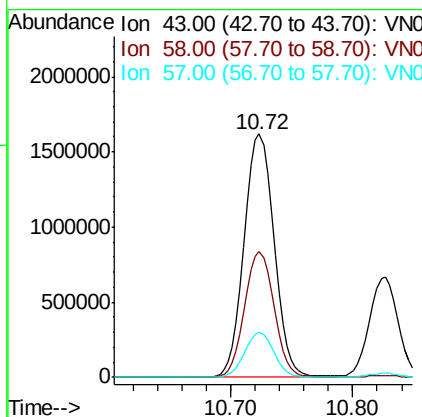
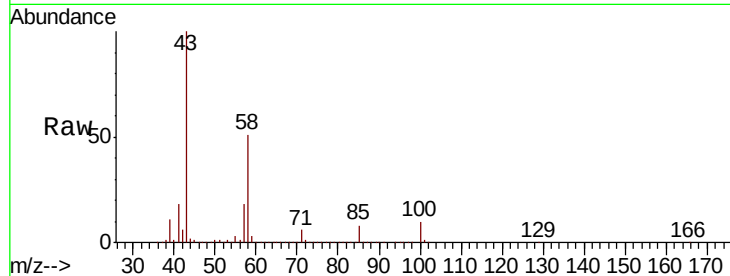




#59
2-Hexanone
Concen: 625.215 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

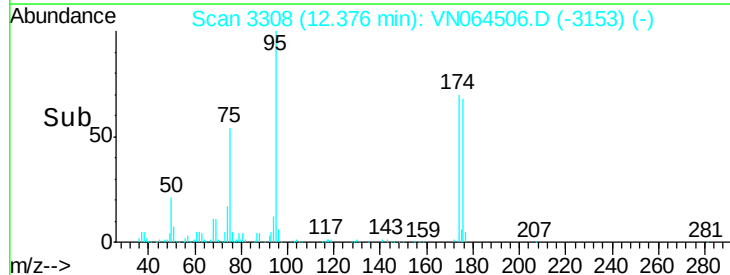
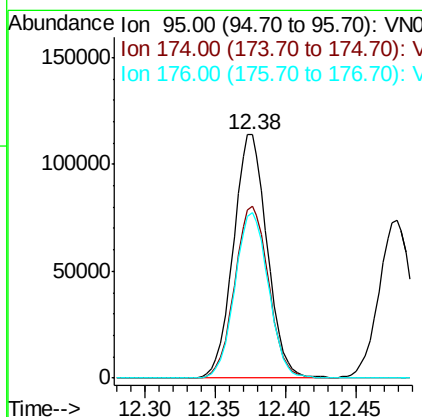
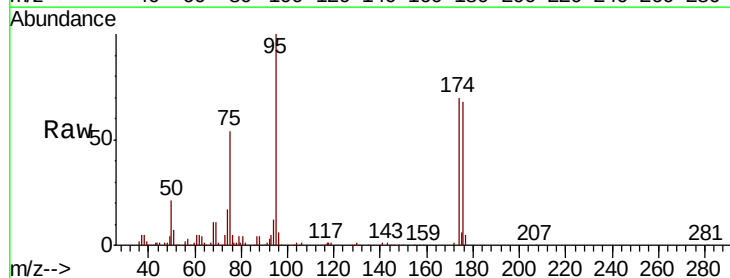
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

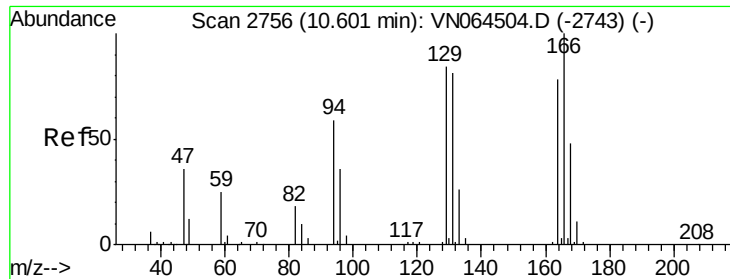
Tot Ion: 43 Resp: 2748279
Ion Ratio Lower Upper
43 100
58 50.6 38.2 57.4
57 17.9 13.8 20.8



#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

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 462195

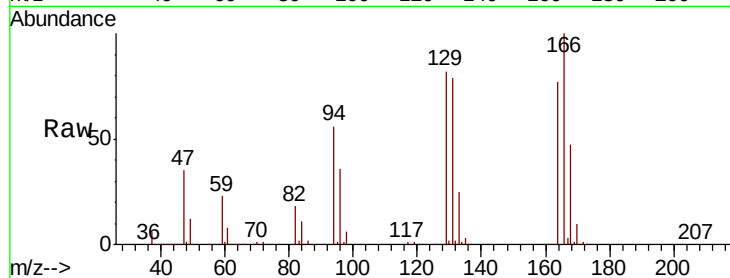
Ion Ratio Lower Upper

164 100

166 130.1 103.2 154.8

129 107.2 86.4 129.6

131 102.1 84.0 126.0

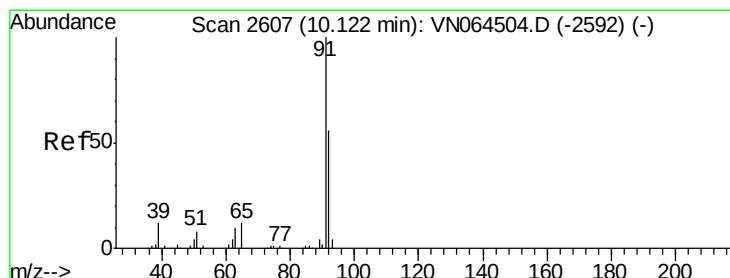
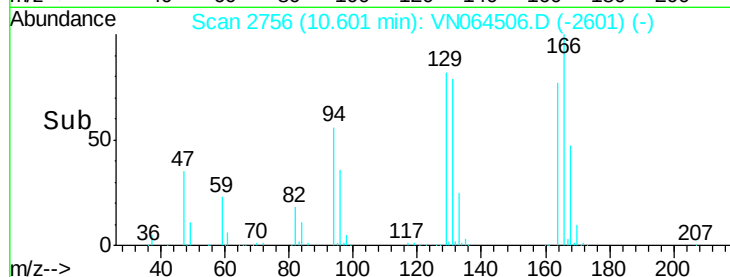
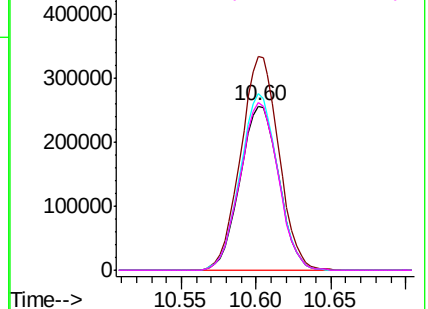


Abundance Ion 163.85 (163.55 to 164.55): V

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

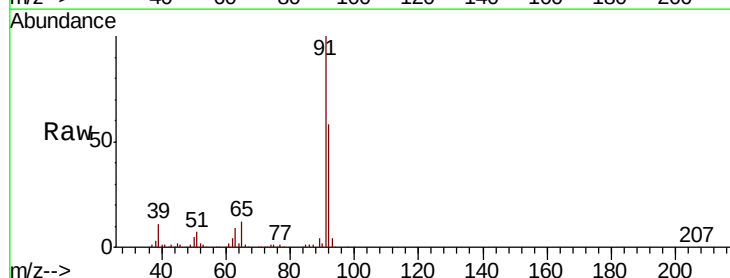
Acq: 9 Nov 2020 12:37

Tgt Ion: 91 Resp: 2254169

Ion Ratio Lower Upper

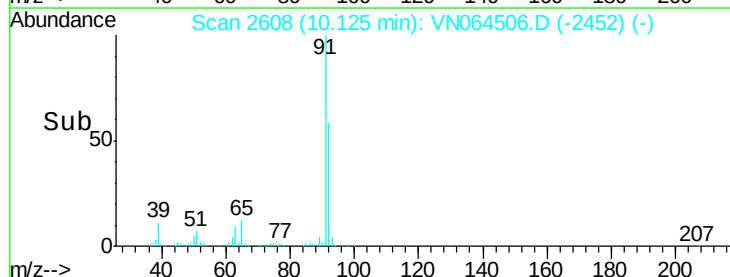
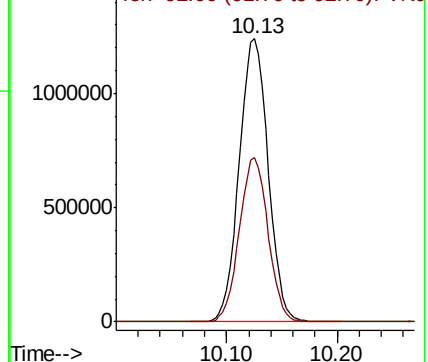
91 100

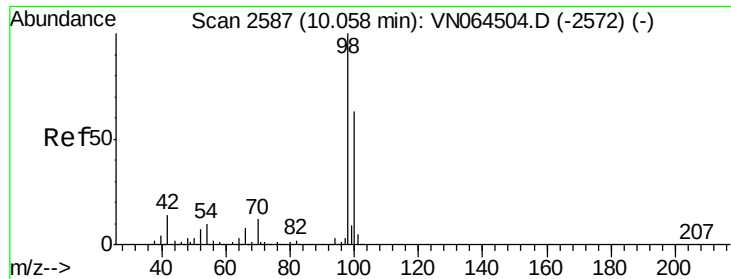
92 57.8 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#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 :

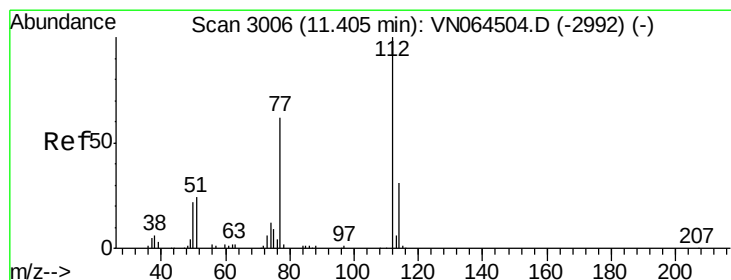
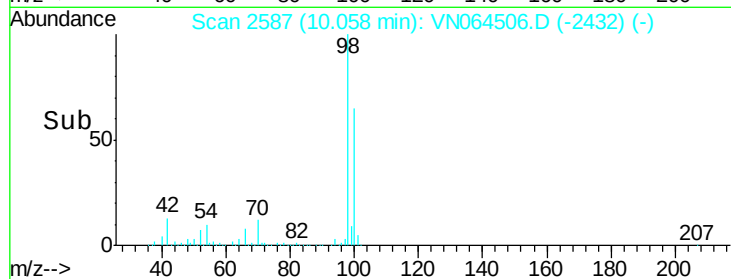
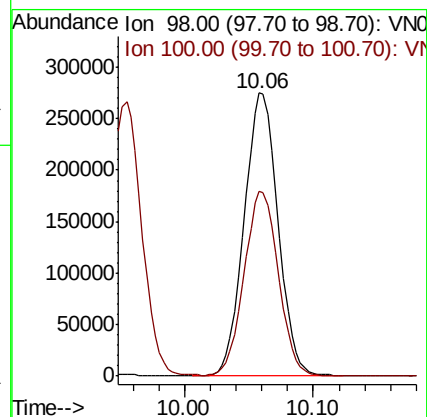
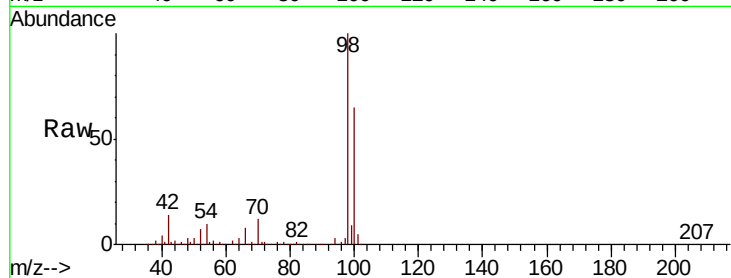
VSTDIC100

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

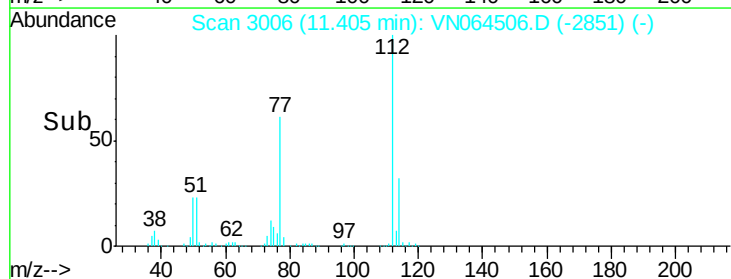
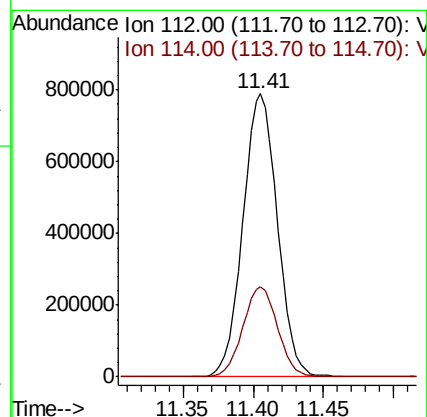
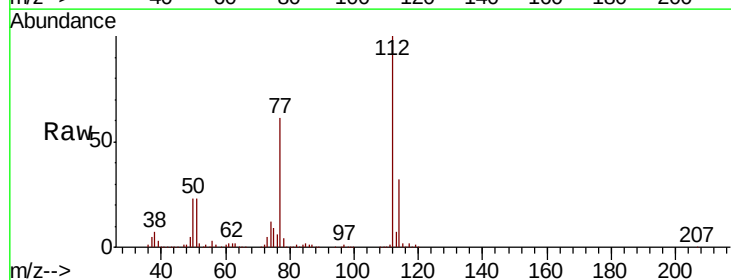
Acq: 9 Nov 2020 12:37

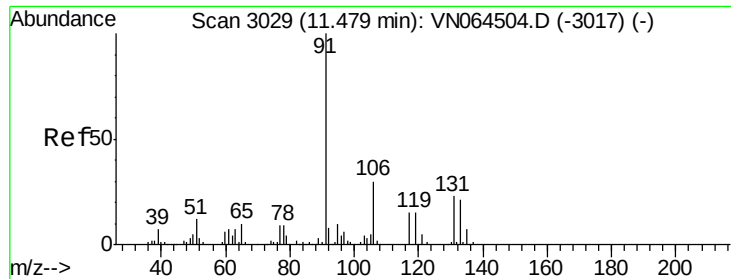
Tgt Ion: 112 Resp: 1351355

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

ClientSampleId :

VSTDIC100

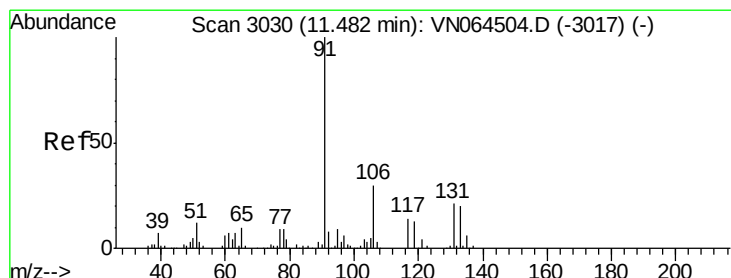
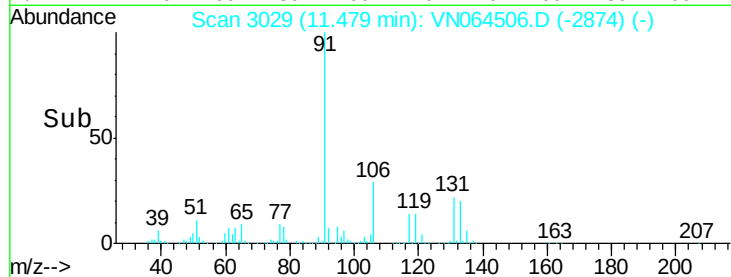
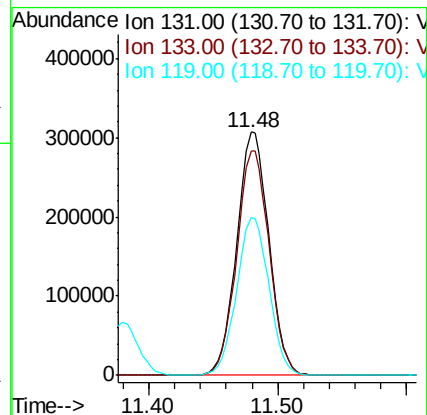
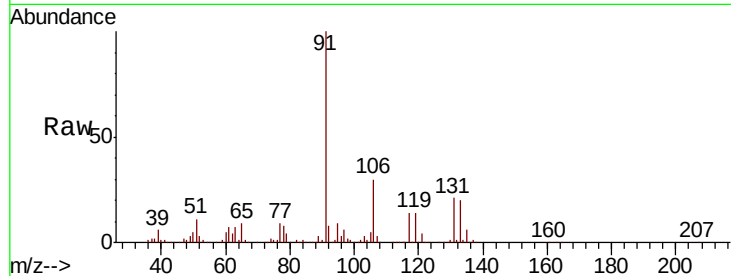
Tot Ion:131 Resp: 531802

Ion Ratio Lower Upper

131 100

133 93.3 0.0 191.2

119 65.1 0.0 131.6



#66

Ethyl Benzene

Concen: 113.093 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064506.D

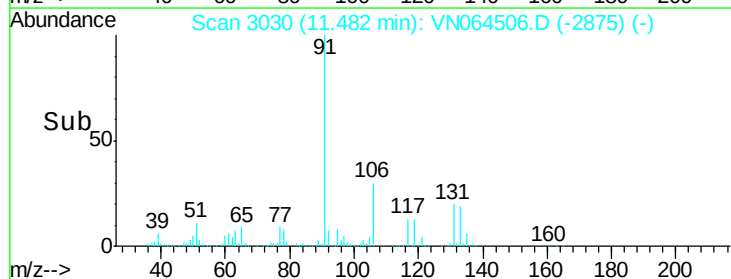
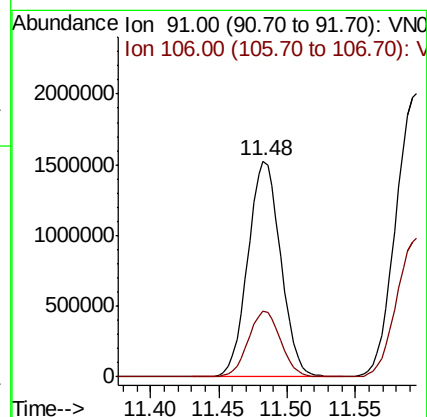
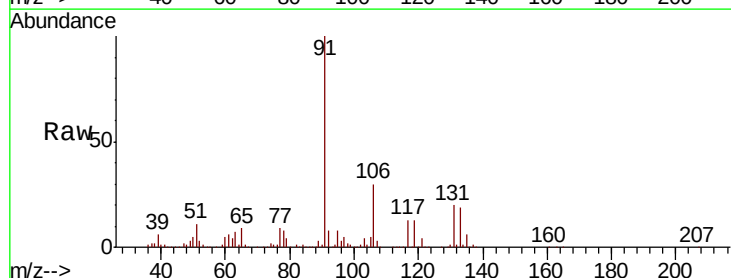
Acq: 9 Nov 2020 12:37

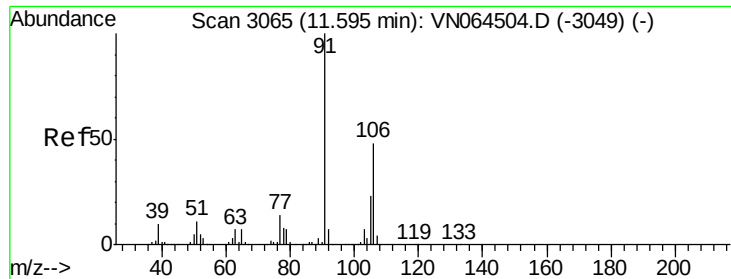
Tgt Ion: 91 Resp: 2544171

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9





#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 :

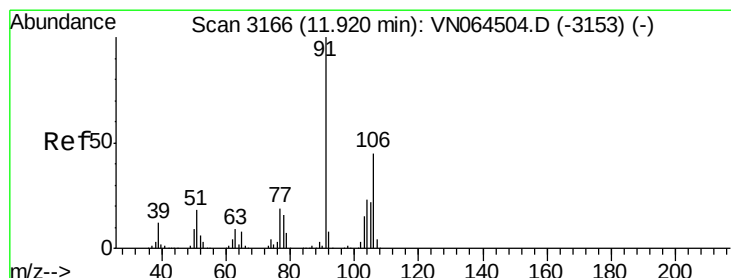
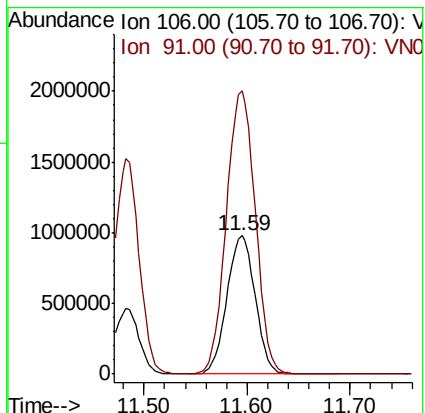
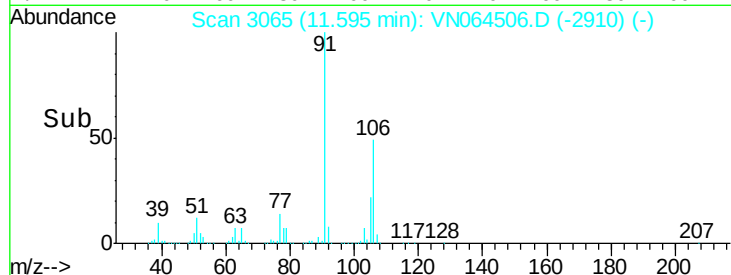
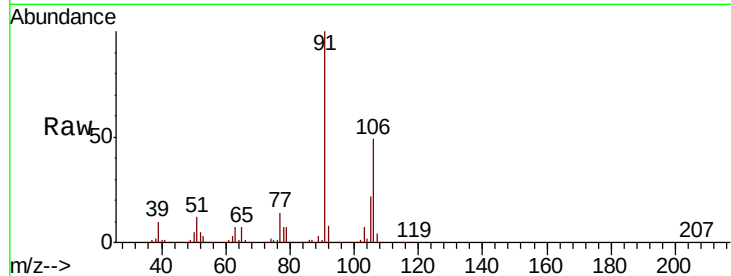
VSTDIC100

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

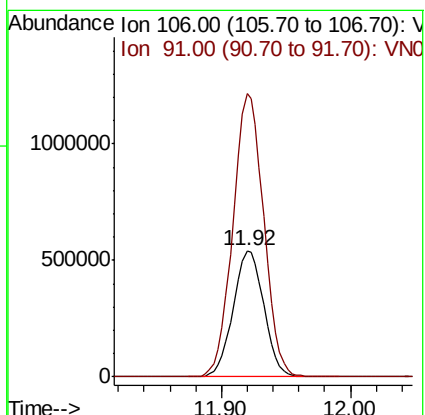
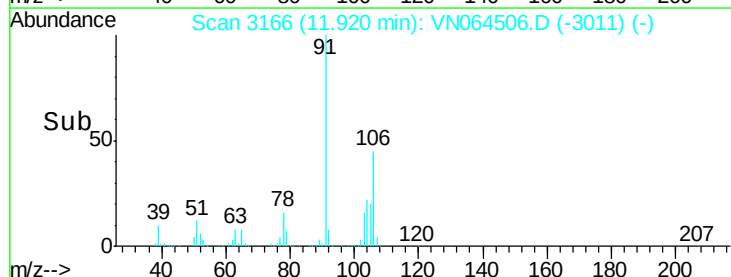
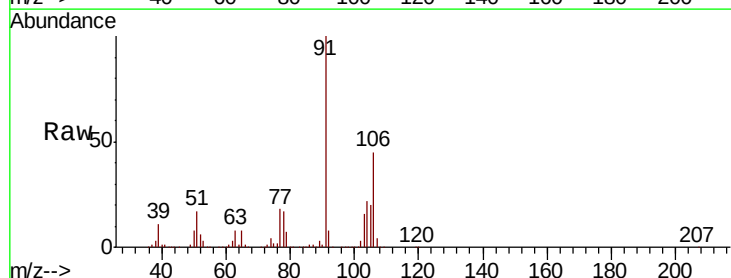
Acq: 9 Nov 2020 12:37

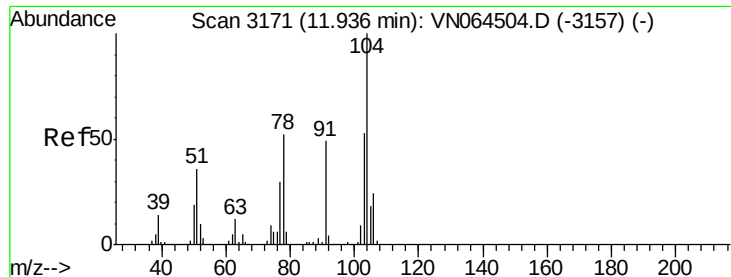
Tgt Ion:106 Resp: 897527

Ion Ratio Lower Upper

106 100

91 224.3 109.7 329.2

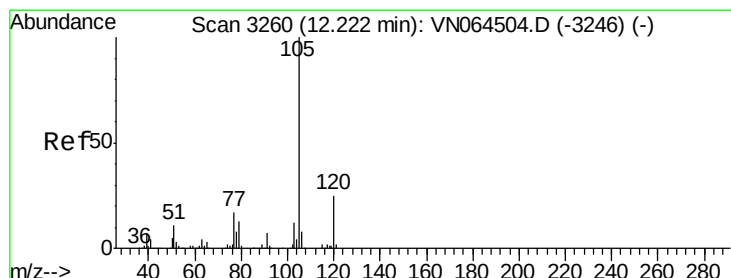
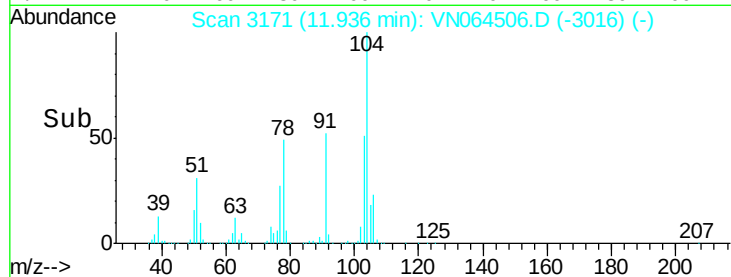
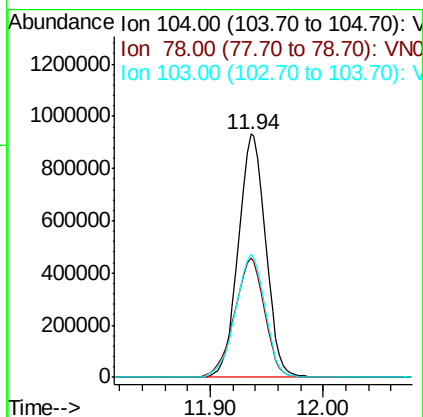
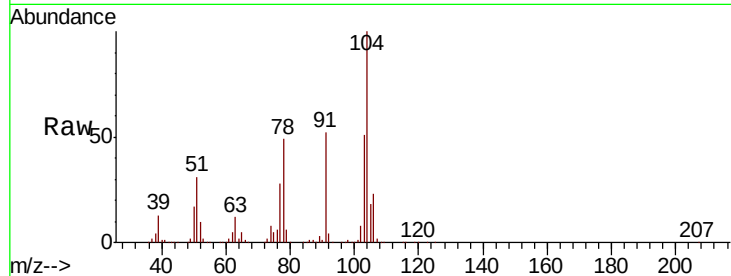




#69
Stvrene
Concen: 115.157 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

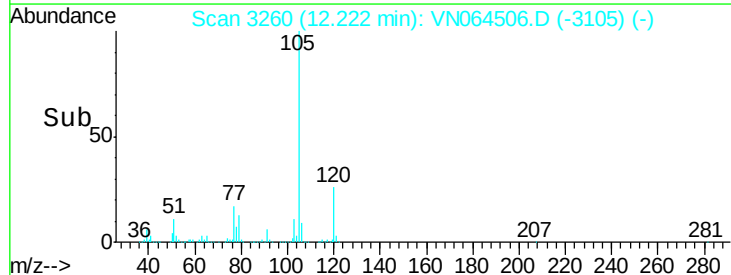
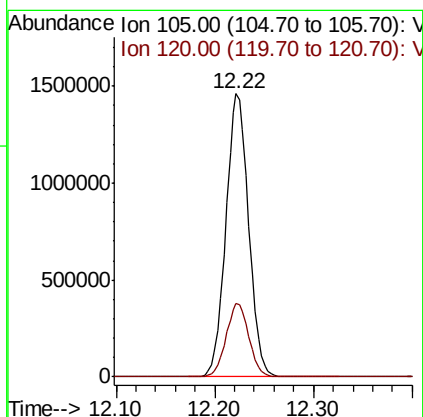
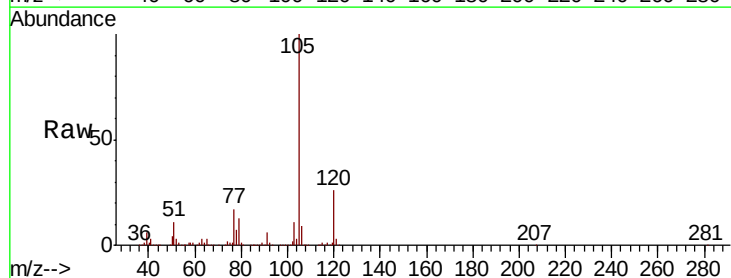
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

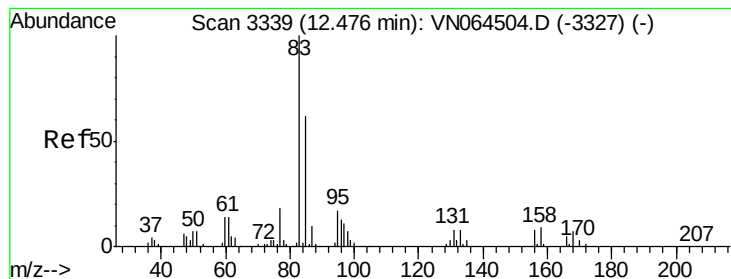
Tot Ion:104 Resp: 1569635
Ion Ratio Lower Upper
104 100
78 54.0 44.4 66.6
103 55.0 44.6 67.0



#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





#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

ClientSampleId :

VSTDIC100

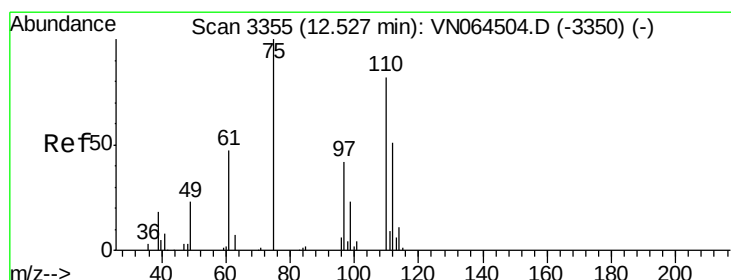
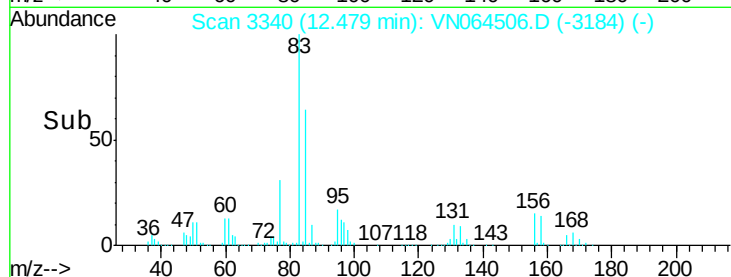
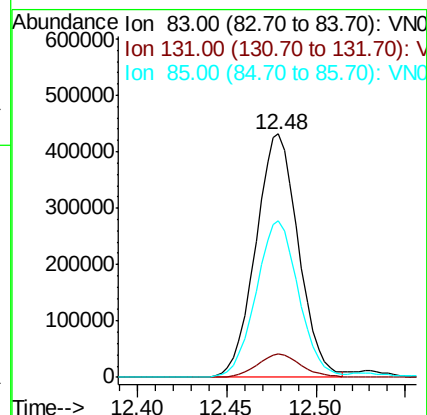
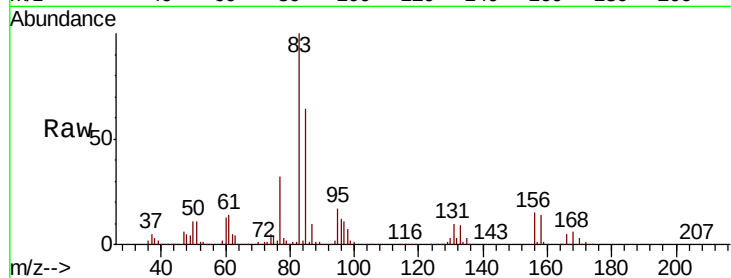
Tot Ion: 83 Resp: 722053

Ion Ratio Lower Upper

83 100

131 9.9 4.6 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

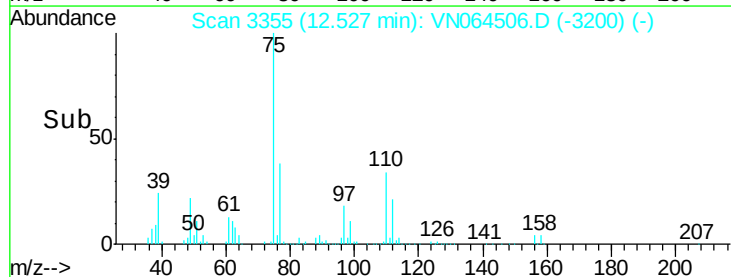
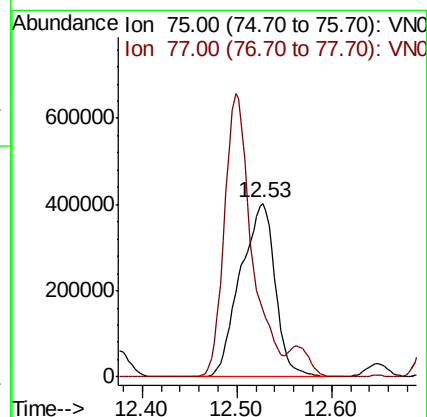
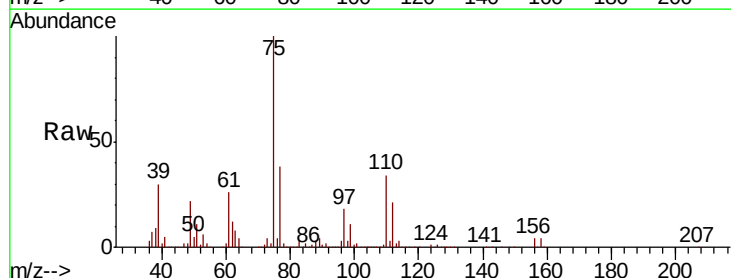
Acq: 9 Nov 2020 12:37

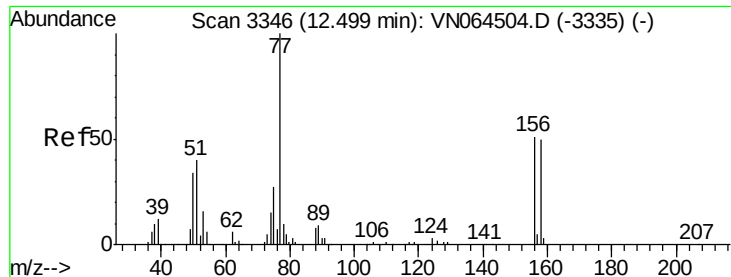
Tgt Ion: 75 Resp: 1029552

Ion Ratio Lower Upper

75 100

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 :

VSTDIC100

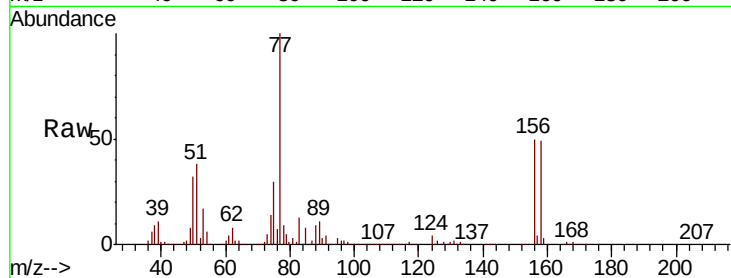
Tot Ion:156 Resp: 565805

Ion Ratio Lower Upper

156 100

77 235.5 0.0 480.2

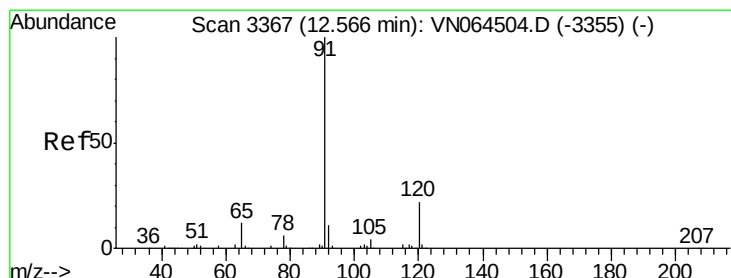
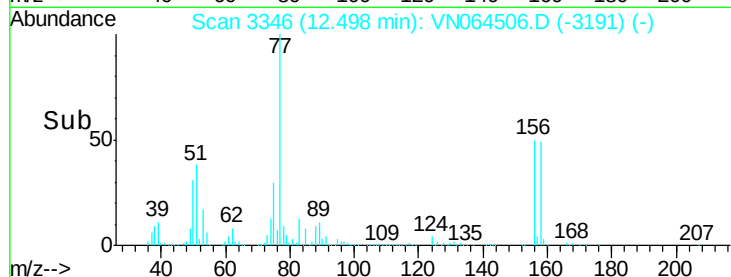
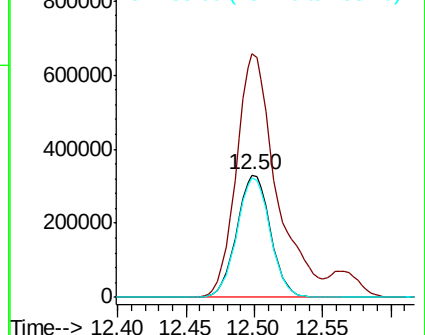
158 96.6 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

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

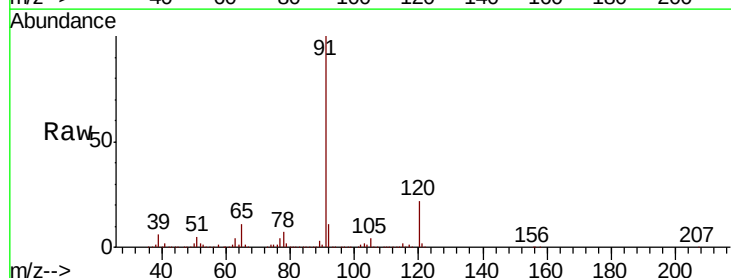
Acq: 9 Nov 2020 12:37

Tgt Ion: 91 Resp: 2769554

Ion Ratio Lower Upper

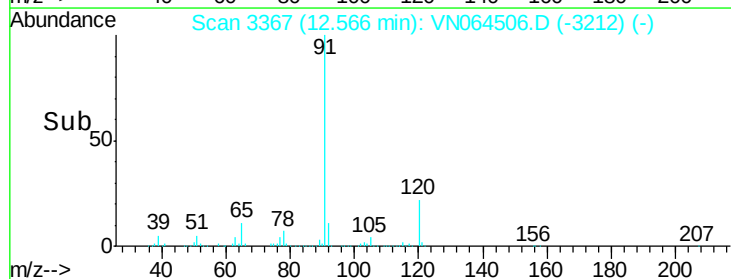
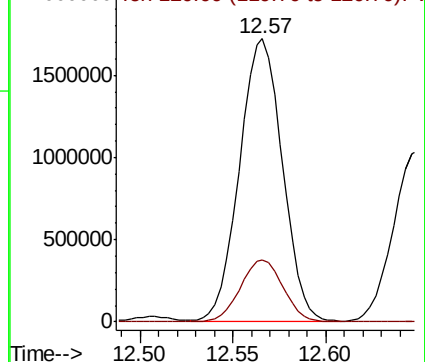
91 100

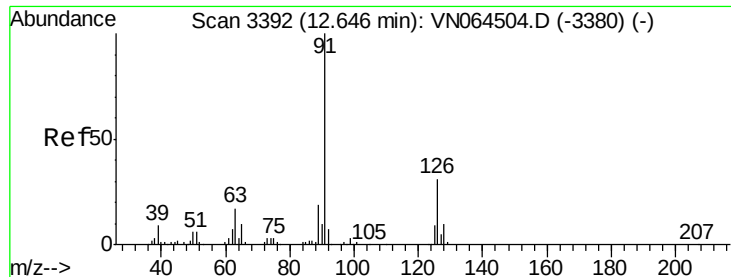
120 21.9 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN

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 :

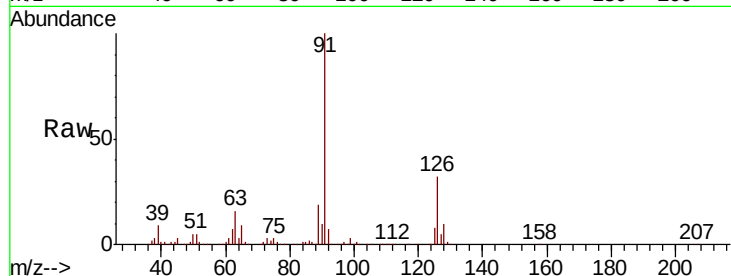
VSTDIC100

Tot Ion: 91 Resp: 1697889

Ion Ratio Lower Upper

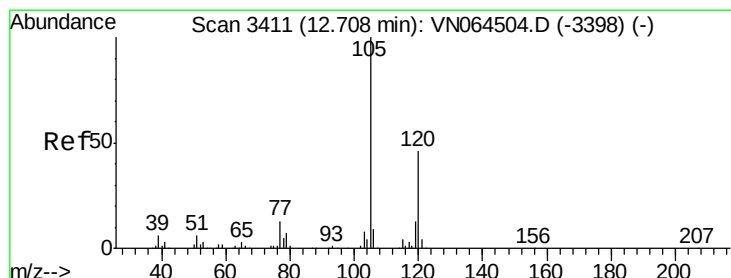
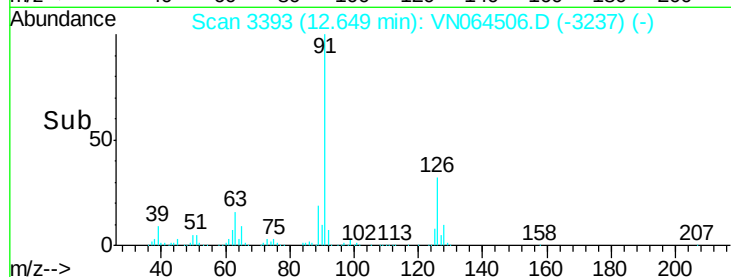
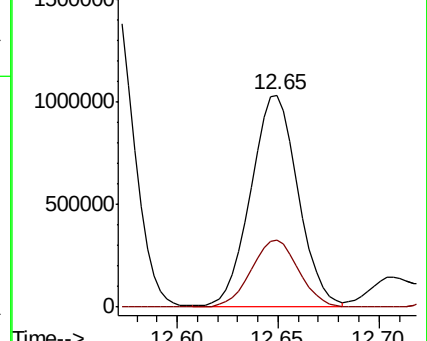
91 100

126 31.9 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064506.D (-3393) (-)

Ion 126.00 (125.70 to 126.70): VN064506.D (-3393) (-)



#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

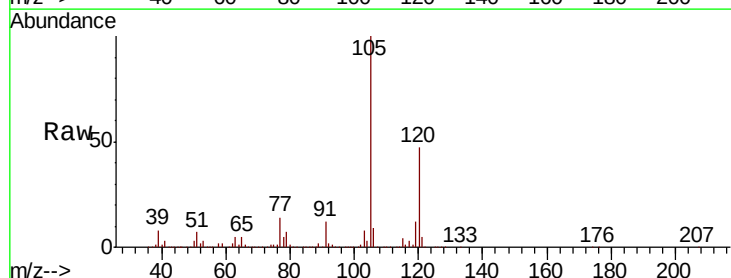
Acq: 9 Nov 2020 12:37

Tgt Ion: 105 Resp: 1987602

Ion Ratio Lower Upper

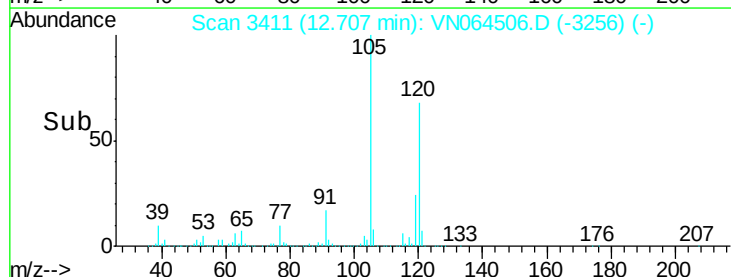
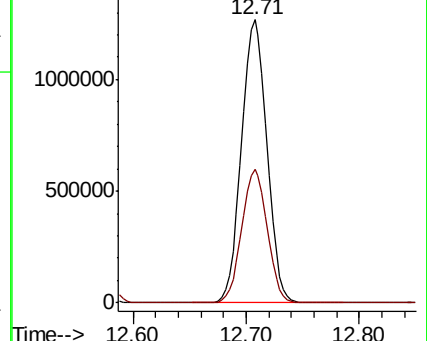
105 100

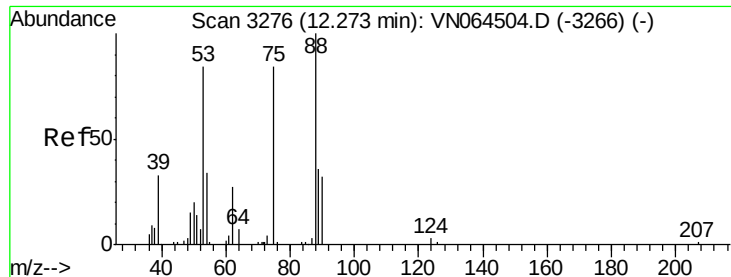
120 47.2 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064506.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064506.D (-3411) (-)





#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

ClientSampleId :

VSTDIC100

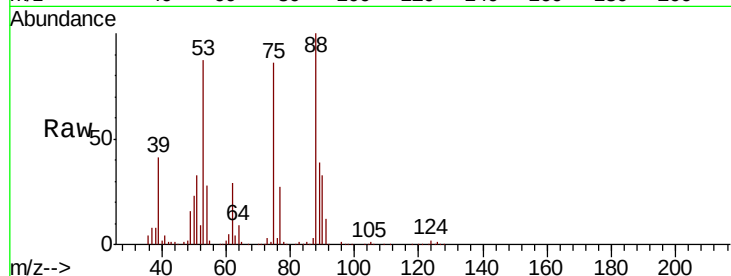
Tot Ion: 75 Resp: 278797

Ion Ratio Lower Upper

75 100

53 100.7 50.3 150.9

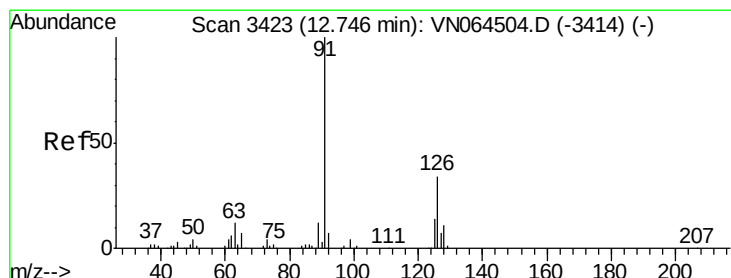
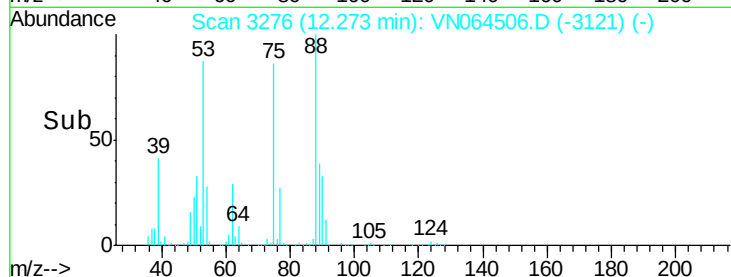
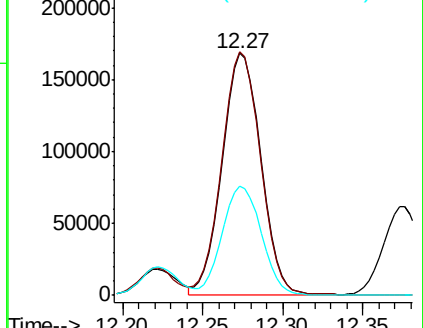
89 44.9 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN064506.D (-3121) (-)

Ion 53.00 (52.70 to 53.70): VN064506.D (-3121) (-)

Ion 89.00 (88.70 to 89.70): VN064506.D (-3121) (-)



#78

4-Chlorotoluene

Concen: 117.870 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064506.D

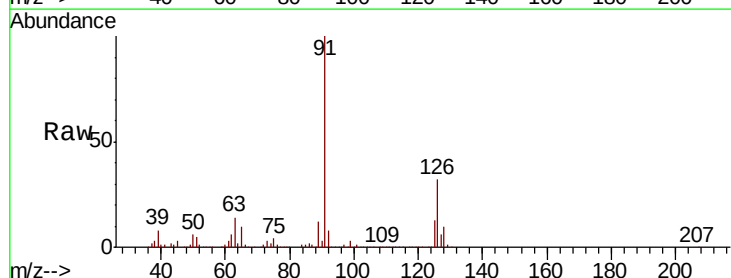
Acq: 9 Nov 2020 12:37

Tgt Ion: 91 Resp: 1810208

Ion Ratio Lower Upper

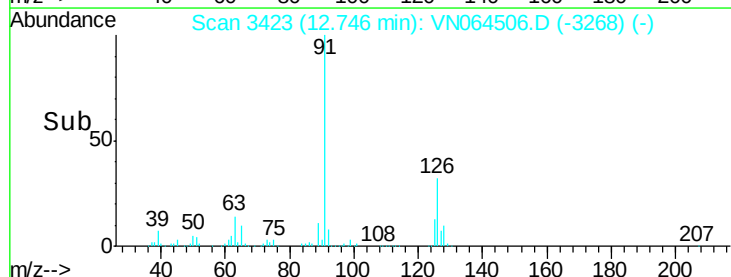
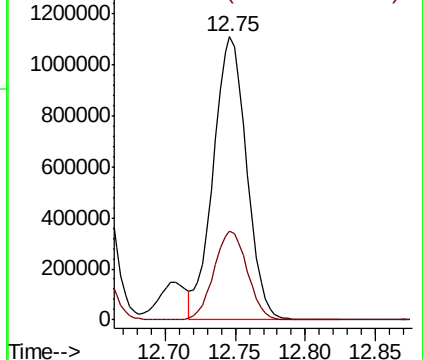
91 100

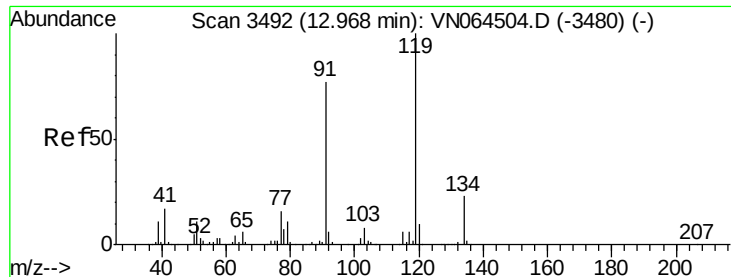
126 31.5 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064506.D (-3268) (-)

Ion 126.00 (125.70 to 126.70): VN064506.D (-3268) (-)

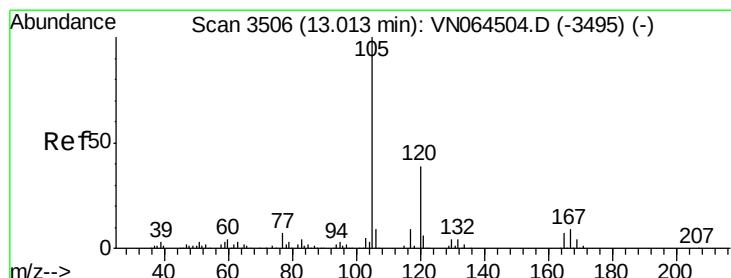
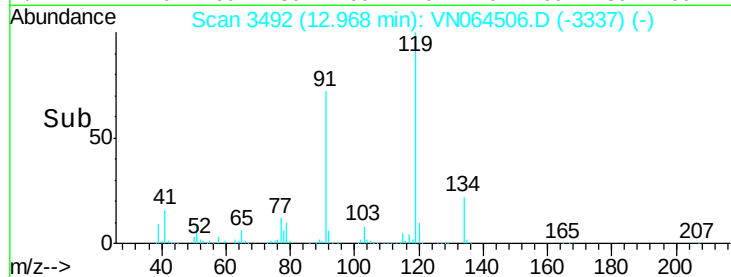
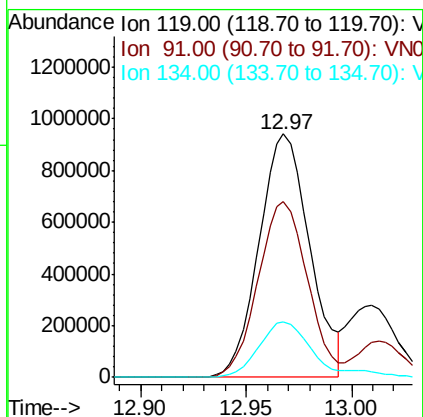
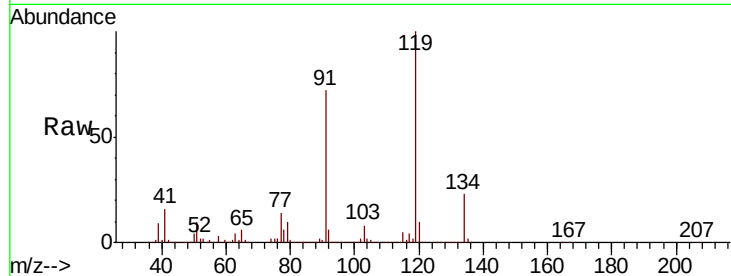




#79
tert-butylbenzene
Concen: 114.468 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064506.D
Acq: 9 Nov 2020 12:37

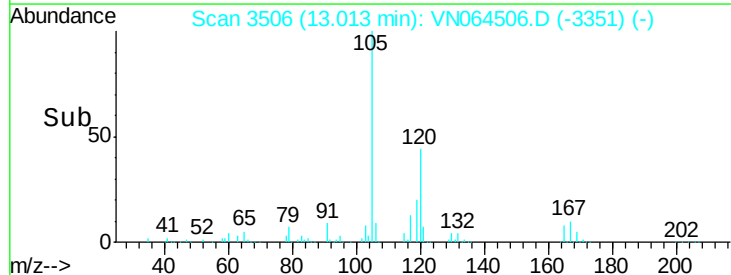
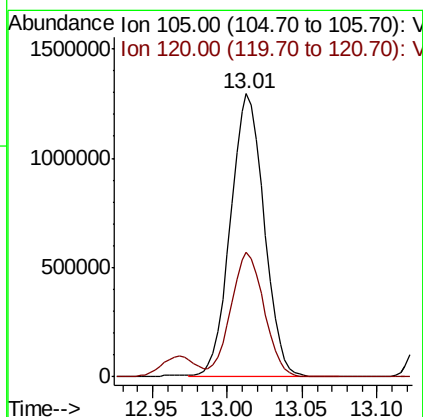
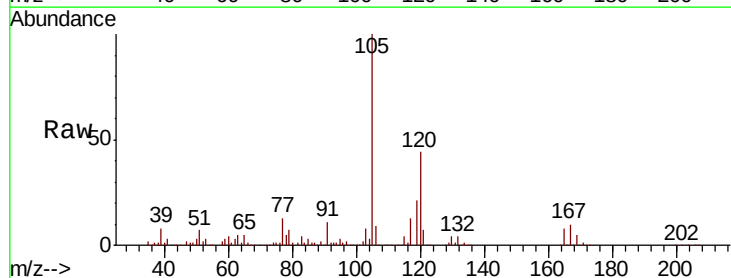
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

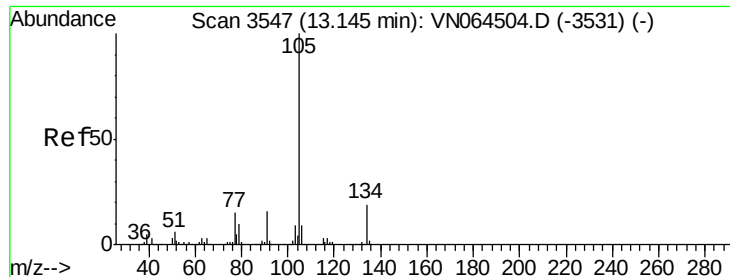
Tot Ion:119 Resp: 1574367
Ion Ratio Lower Upper
119 100
91 70.7 0.0 147.8
134 22.9 0.0 50.6



#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

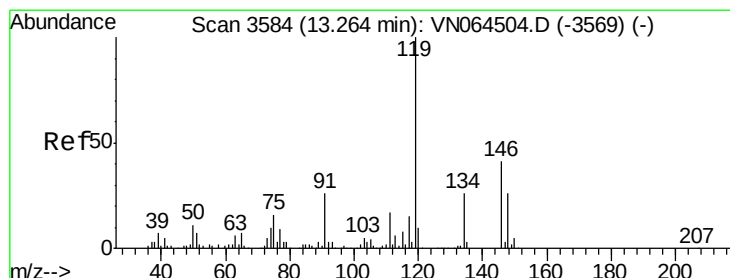
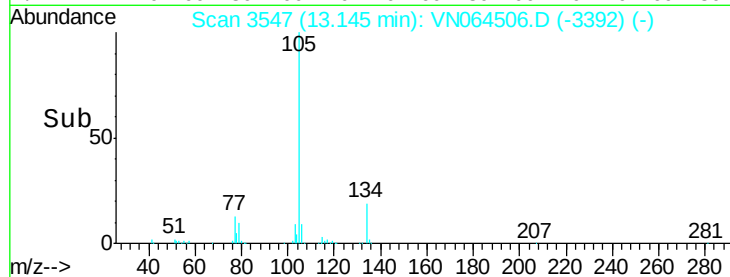
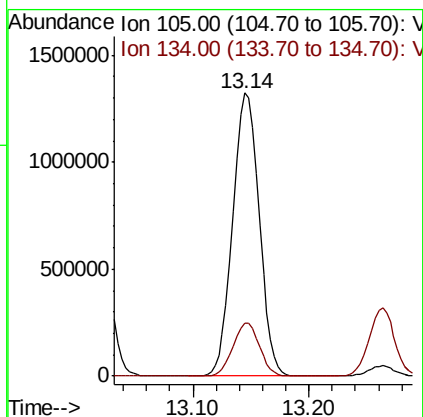
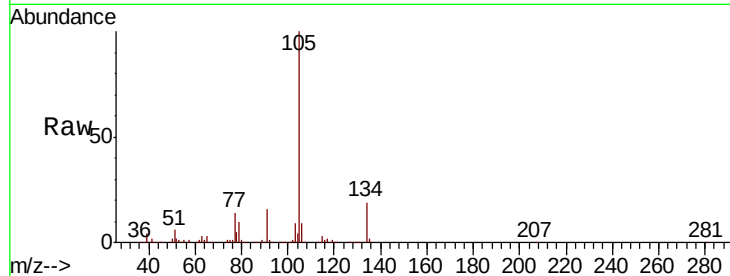




#81
 sec-Butylbenzene
 Concen: 117.450 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

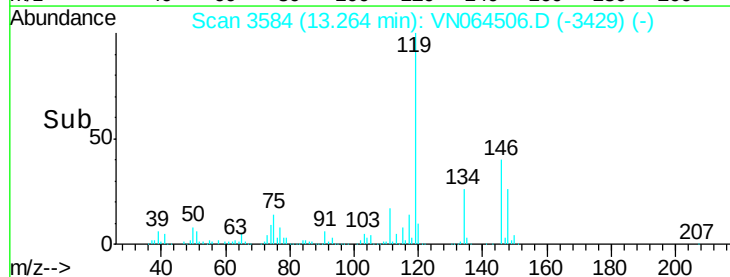
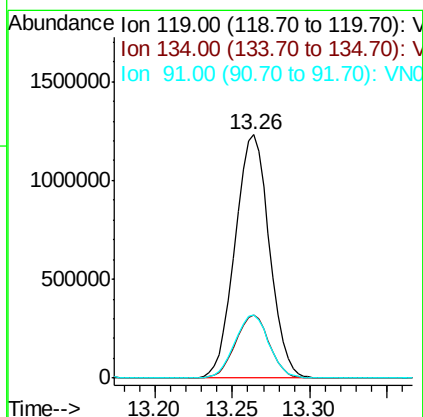
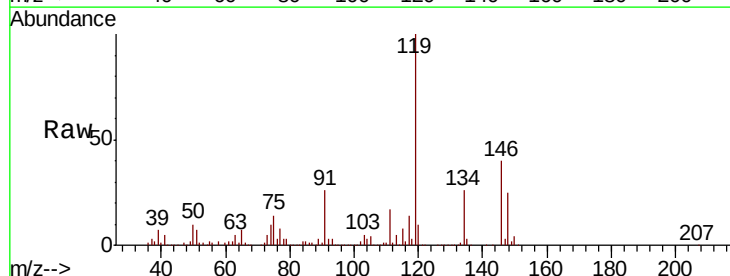
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

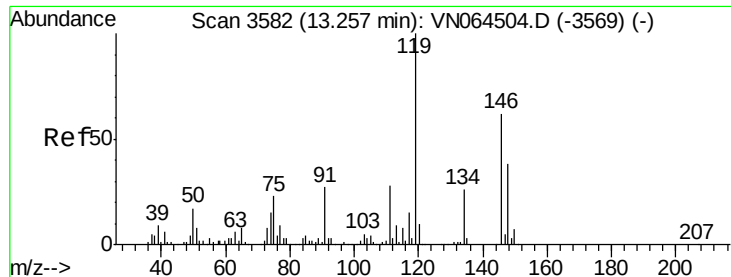
Tot Ion:105 Resp: 2077495
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 37.8



#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

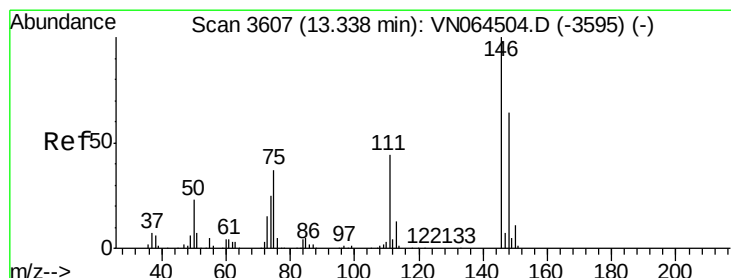
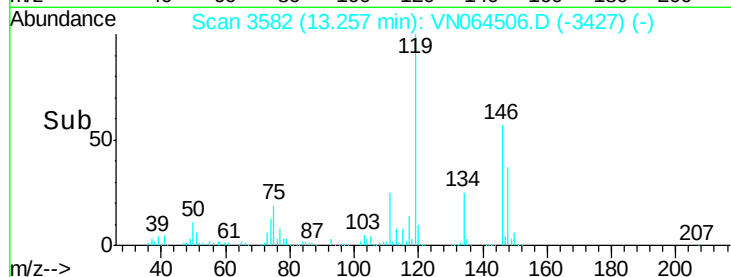
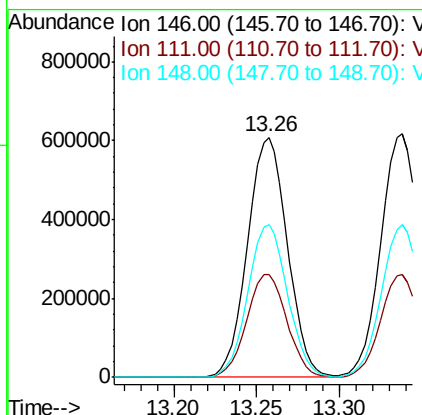
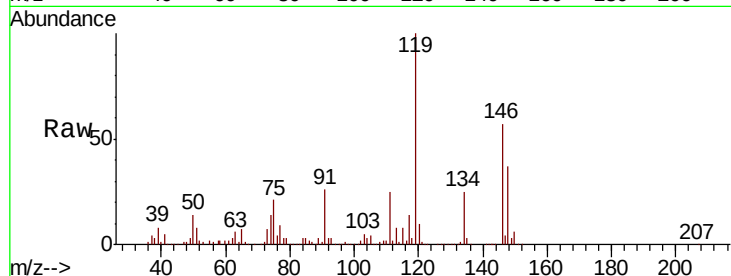




#83
 1,3-Dichlorobenzene
 Concen: 109.871 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

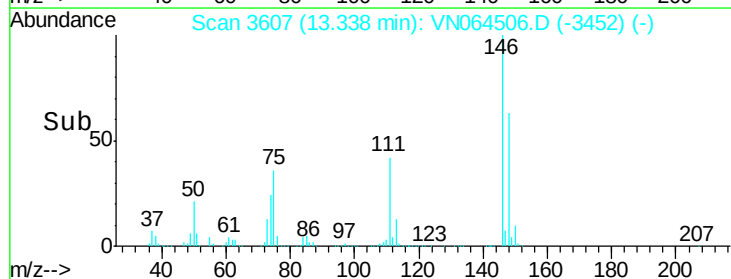
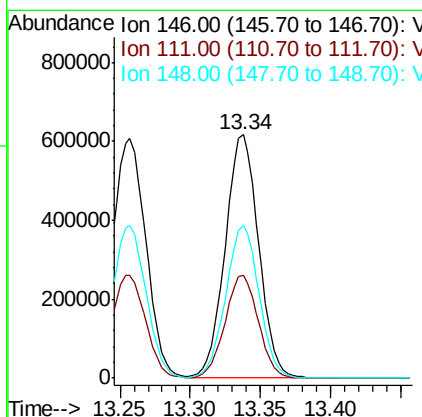
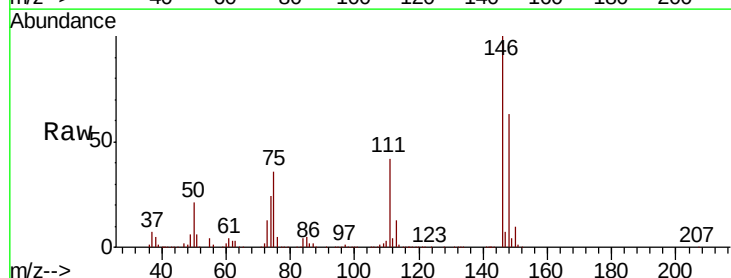
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

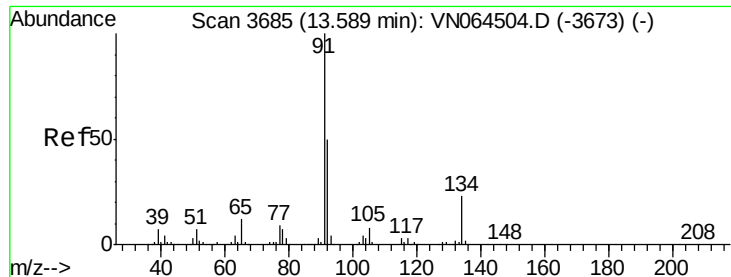
Tot Ion:146 Resp: 1018498
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.3 66.9
 148 63.3 31.8 95.3



#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





#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

ClientSampleId :

VSTDIC100

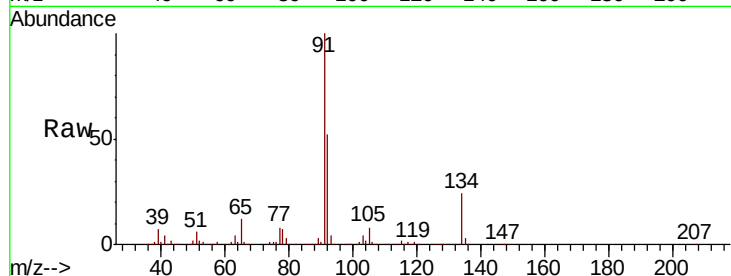
Tot Ion: 91 Resp: 1656274

Ion Ratio Lower Upper

91 100

92 51.4 0.0 101.4

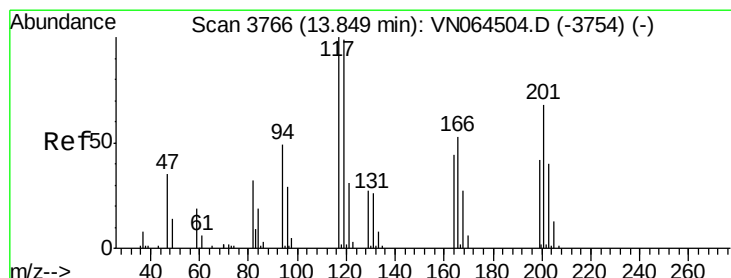
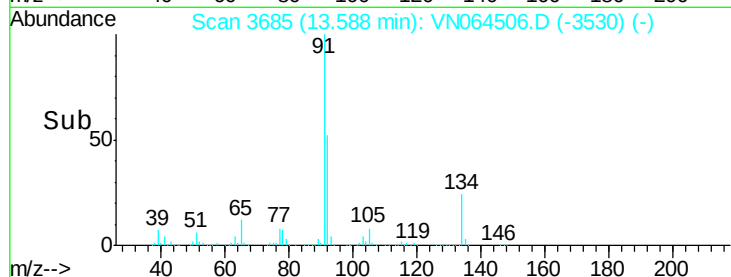
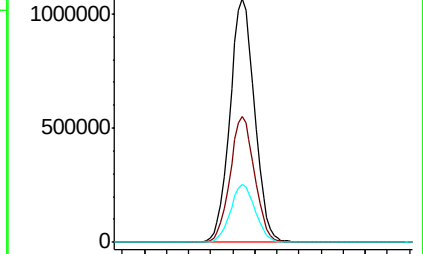
134 24.0 0.0 45.2



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

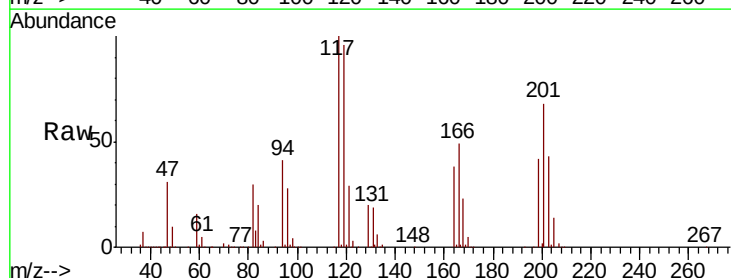
Acq: 9 Nov 2020 12:37

Tgt Ion: 117 Resp: 354473

Ion Ratio Lower Upper

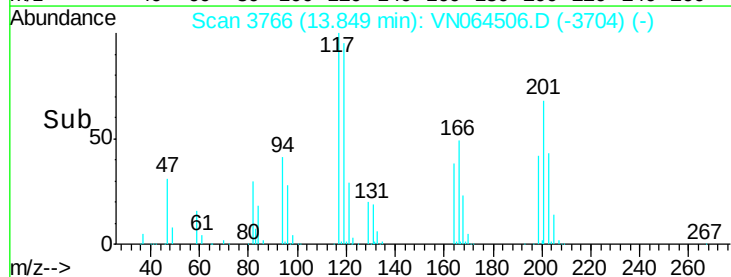
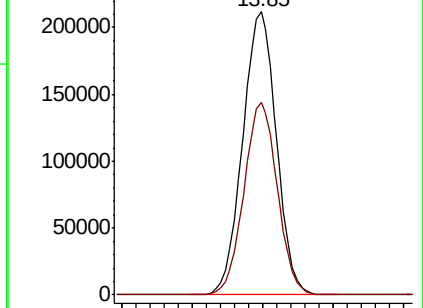
117 100

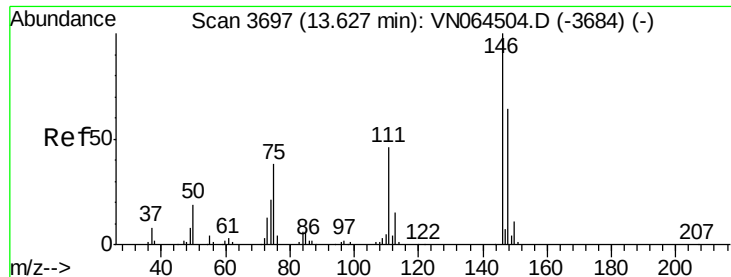
201 67.5 33.1 99.3



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

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

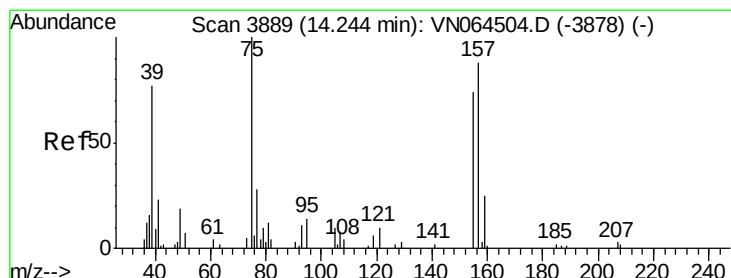
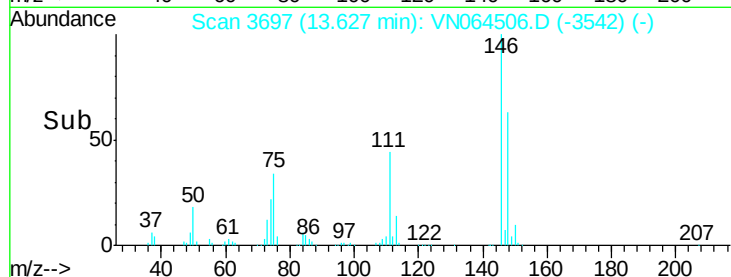
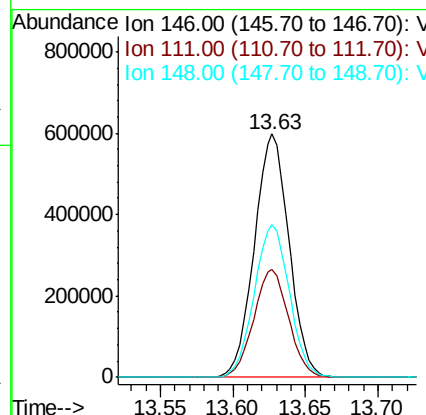
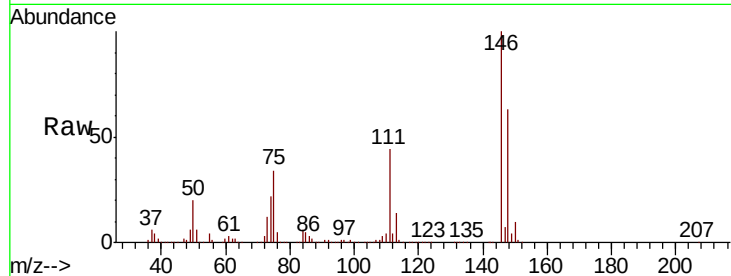




#87
 1,2-Dichlorobenzene
 Concen: 112.130 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

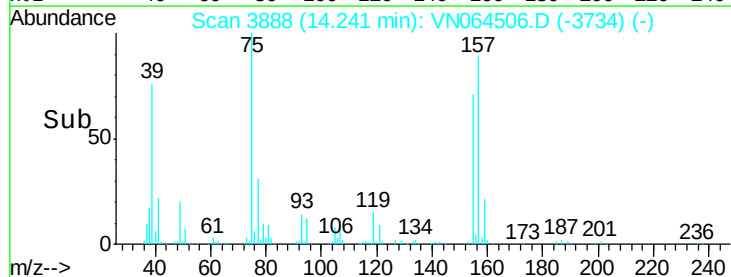
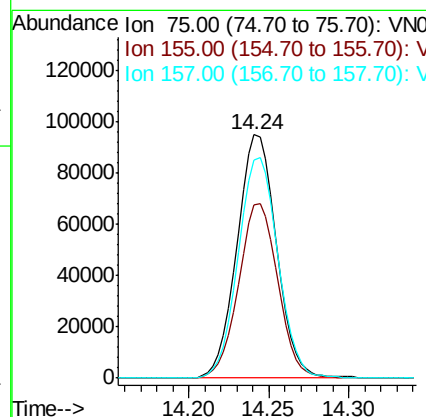
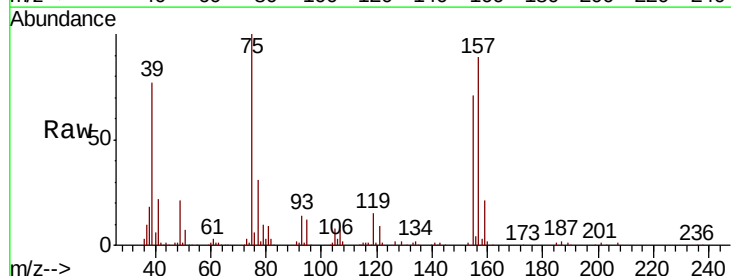
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

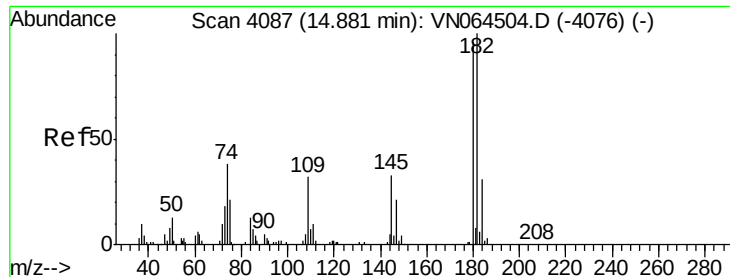
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	23.1	69.2
148	63.5	32.6	97.8



#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

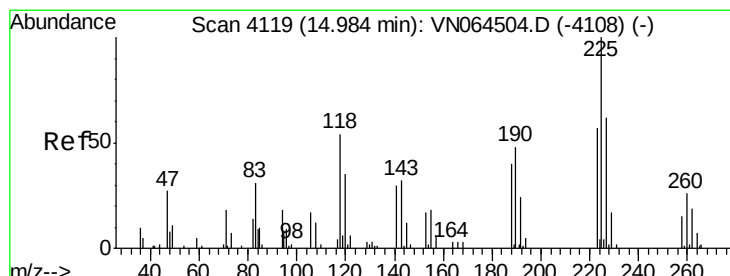
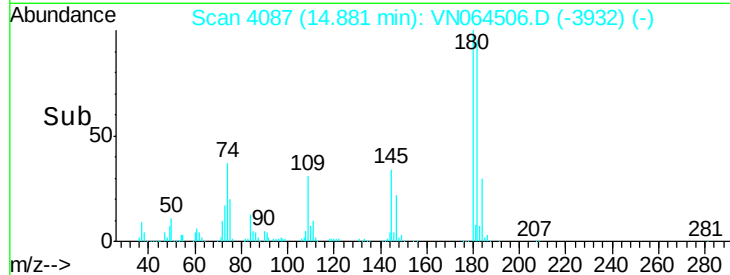
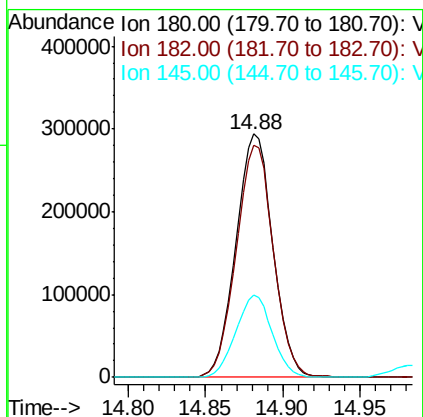
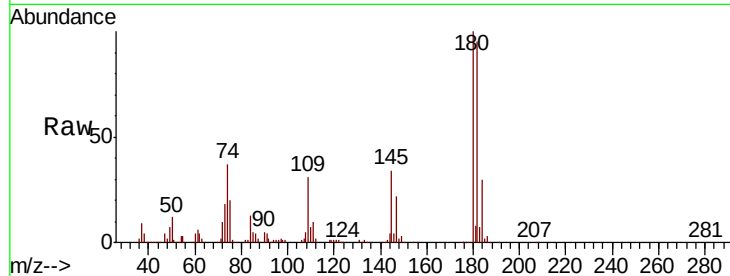




#89
 1,2,4-Trichlorobenzene
 Concen: 113.436 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064506.D
 Acq: 9 Nov 2020 12:37

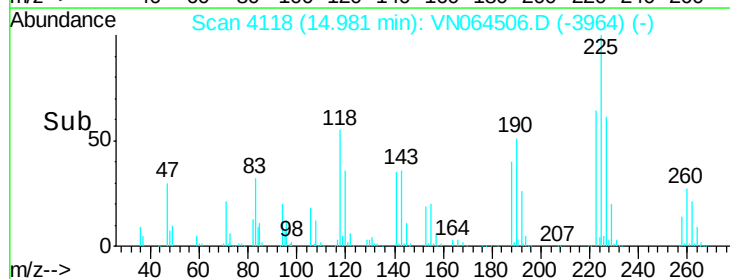
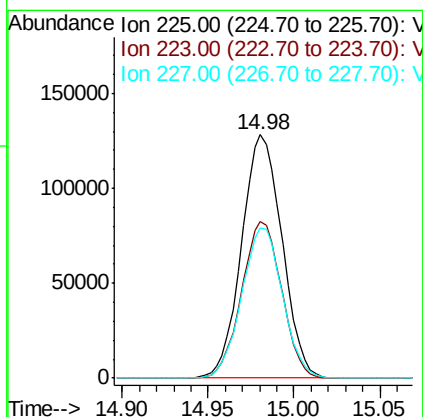
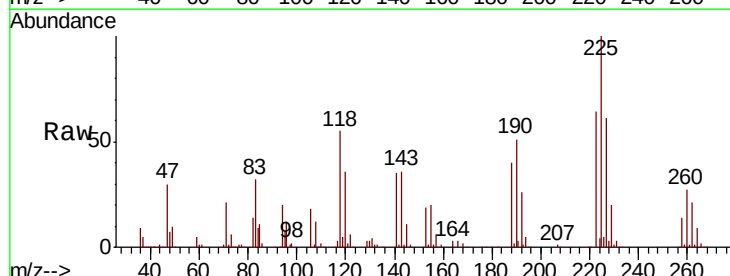
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

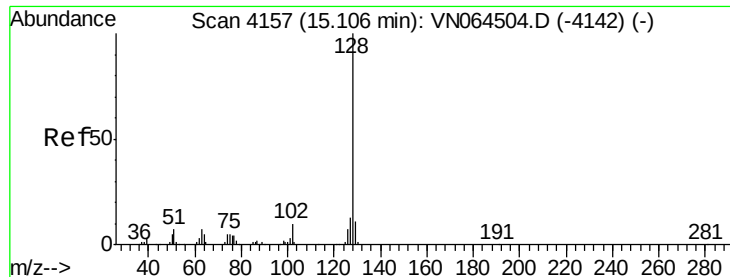
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	79.4	119.0
145	33.4	27.6	41.4



#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	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 :

VSTDIC100

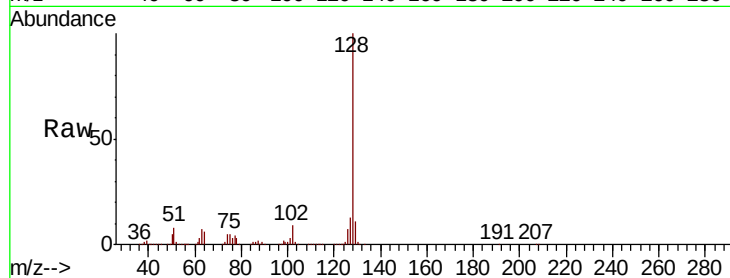
Tot Ion:128 Resp: 1657928

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

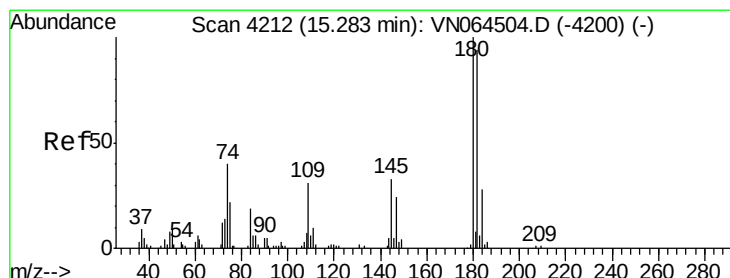
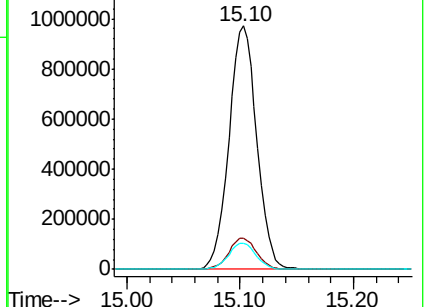
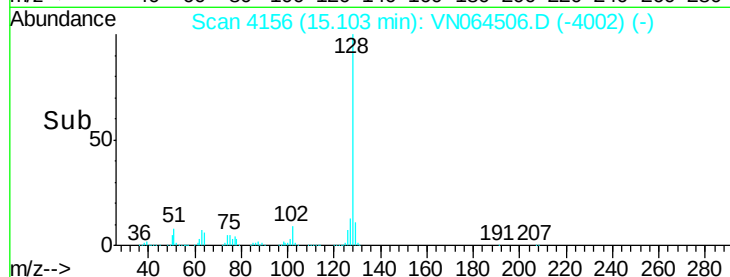
129 10.8 8.5 12.7



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



#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

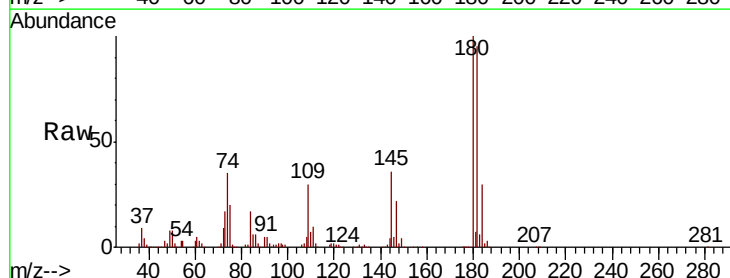
Tgt Ion:180 Resp: 471899

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

