

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100820\
 Data File : VN064030.D
 Acq On : 9 Oct 2020 8:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 09 12:08:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	460505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207994	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	213769	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.55	113	151679	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.06	98	571728	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.38	95	213681	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	121239	42.970	ug/l	98
3) Chloromethane	2.04	50	157084	47.449	ug/l	100
4) Vinyl Chloride	2.16	62	156118	46.979	ug/l	100
5) Bromomethane	2.52	94	90073	43.092	ug/l	97
6) Chloroethane	2.67	64	103442	52.092	ug/l	99
7) Trichlorofluoromethane	2.98	101	251518	47.722	ug/l	98
8) Diethyl Ether	3.37	74	92962	52.154	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	133132	47.260	ug/l	96
10) Methyl Iodide	3.91	142	169576	51.845	ug/l	98
11) Tert butyl alcohol	4.73	59	135689	278.216	ug/l	100
12) 1,1-Dichloroethene	3.70	96	132663	49.269	ug/l	98
13) Acrolein	3.57	56	88529	295.758	ug/l	100
14) Allyl chloride	4.28	41	265922	53.160	ug/l	90
15) Acrylonitrile	4.93	53	428594	307.007	ug/l	99
16) Acetone	3.77	43	373263	274.486	ug/l	100
17) Carbon Disulfide	4.01	76	349314	48.026	ug/l	99
18) Methyl Acetate	4.28	43	224236	63.510	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	524664	53.633	ug/l	100
20) Methylene Chloride	4.50	84	167808	53.868	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	147770	48.996	ug/l	98
22) Diisopropyl ether	5.90	45	604038	58.690	ug/l	95
23) Vinyl Acetate	5.84	43	2420734	283.941	ug/l	99
24) 1,1-Dichloroethane	5.80	63	312969	53.184	ug/l	98
25) 2-Butanone	6.78	43	596012	309.144	ug/l	98
26) 2,2-Dichloropropane	6.78	77	181773	33.730	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	177312	51.118	ug/l	95
28) Bromochloromethane	7.15	49	160712	55.256	ug/l	97
29) Tetrahydrofuran	7.16	42	400352	309.616	ug/l	96
30) Chloroform	7.33	83	325404	53.033	ug/l	96
31) Cyclohexane	7.61	56	248898	48.532	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	285066	51.508	ug/l	99
36) 1,1-Dichloropropene	7.75	75	225415	48.317	ug/l	99
37) Ethyl Acetate	6.88	43	250564	54.058	ug/l	100
38) Carbon Tetrachloride	7.73	117	247853	47.377	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	203594	43.761	ug/l	99
40) Benzene	8.00	78	674941	50.651	ug/l	99
41) Methacrylonitrile	7.16	41	377761	183.377	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	273381	48.061	ug/l	100
43) Isopropyl Acetate	8.13	43	416133	54.429	ug/l #	92
44) Trichloroethene	8.80	130	167787	48.057	ug/l	98
45) 1,2-Dichloropropane	9.08	63	189133	52.555	ug/l	99
46) Dibromomethane	9.17	93	123163	49.610	ug/l	98
47) Bromodichloromethane	9.37	83	259845	50.785	ug/l	98
48) Methyl methacrylate	9.16	41	214190	56.704	ug/l	92
49) 1,4-Dioxane	9.16	88	54939	1023.379	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1308457	291.632	ug/l	99
52) Toluene	10.12	92	427248	51.836	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	263682	48.077	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	280935	48.978	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	173558	52.507	ug/l	97
56) Ethyl methacrylate	10.40	69	257884	55.041	ug/l	95
57) 1,3-Dichloropropane	10.68	76	297942	53.278	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	694669	277.178	ug/l	99
59) 2-Hexanone	10.72	43	959031	287.740	ug/l	100
60) Dibromochloromethane	10.87	129	197120	51.207	ug/l	100
61) 1,2-Dibromoethane	10.98	107	181291	53.617	ug/l	100
64) Tetrachloroethene	10.60	164	153689	45.617	ug/l	99
65) Chlorobenzene	11.41	112	447146	50.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	178301	52.064	ug/l	99
67) Ethyl Benzene	11.48	91	815744	50.185	ug/l	99
68) m/p-Xylenes	11.60	106	605188	99.897	ug/l	99
69) o-Xylene	11.92	106	289183	51.071	ug/l	99
70) Styrene	11.94	104	508078	52.861	ug/l	98
71) Bromoform	12.10	173	136579	52.145	ug/l #	98
73) Isopropylbenzene	12.22	105	770815	50.809	ug/l	99
74) N-amyl acetate	12.05	43	374743	53.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	252577	54.445	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	330671	72.120	ug/l #	100
77) Bromobenzene	12.50	156	192745	51.777	ug/l	99
78) n-propylbenzene	12.57	91	867609	49.140	ug/l	100
79) 2-Chlorotoluene	12.65	91	544722	50.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	647311	50.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	78300	49.186	ug/l	97
82) 4-Chlorotoluene	12.75	91	567773	50.368	ug/l	98
83) tert-Butylbenzene	12.97	119	511263	49.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	648439	51.029	ug/l	98
85) sec-Butylbenzene	13.14	105	678156	49.594	ug/l	99
86) p-Isopropyltoluene	13.26	119	597953	49.430	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	335372	49.798	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	330963	47.199	ug/l	99
89) n-Butylbenzene	13.59	91	488916	43.790	ug/l	99
90) Hexachloroethane	13.85	117	116153	49.551	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	336060	50.380	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55225	50.760	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	151031	41.929	ug/l	98
94) Hexachlorobutadiene	14.98	225	87102	48.162	ug/l	99
95) Naphthalene	15.10	128	471670	42.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	154352	44.067	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

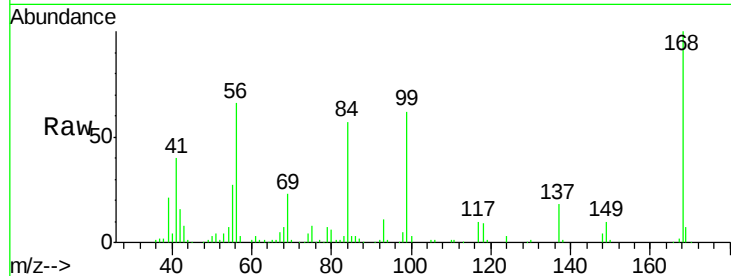
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 267394

Ion Ratio Lower Upper

168 100

99 61.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

60000

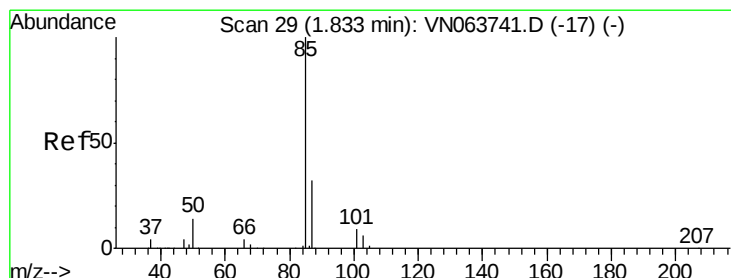
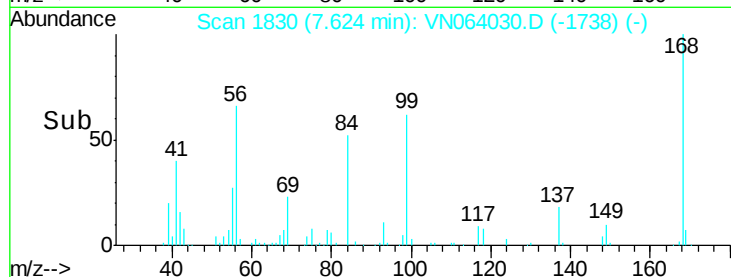
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.970 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064030.D

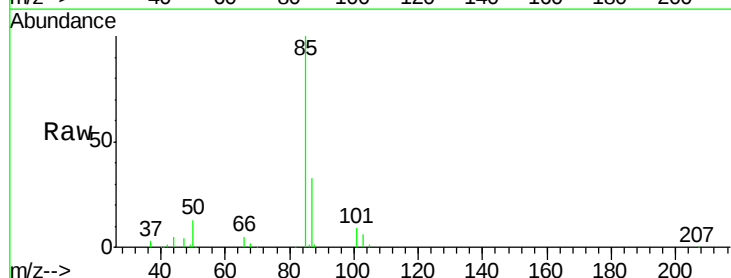
Acq: 9 Oct 2020 8:52

Tgt Ion: 85 Resp: 121239

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

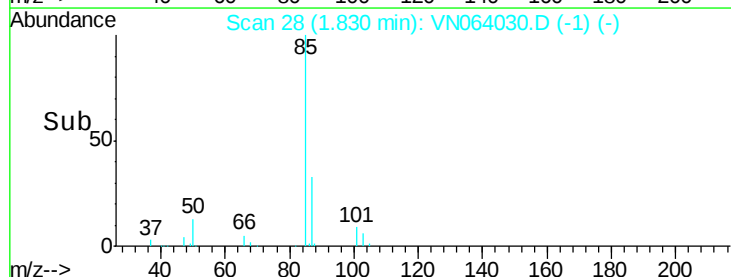
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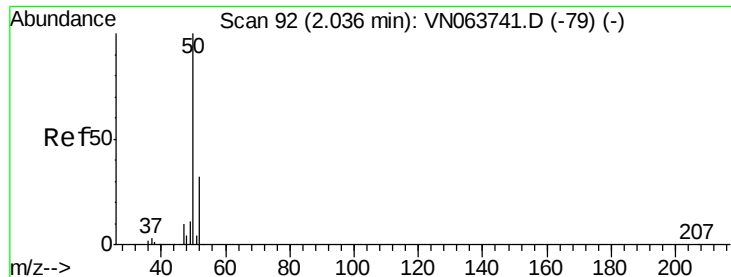
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.449 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

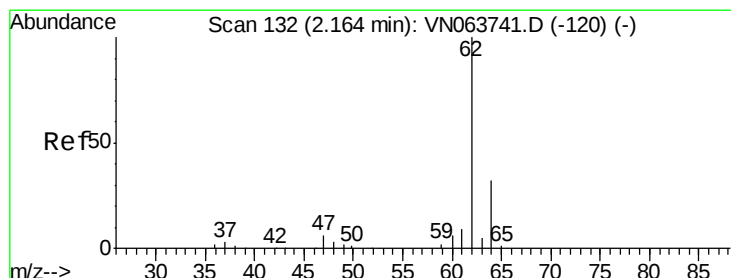
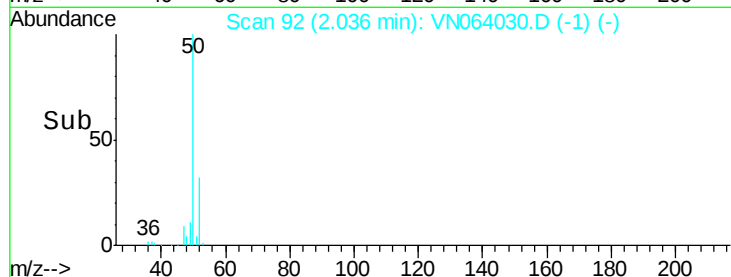
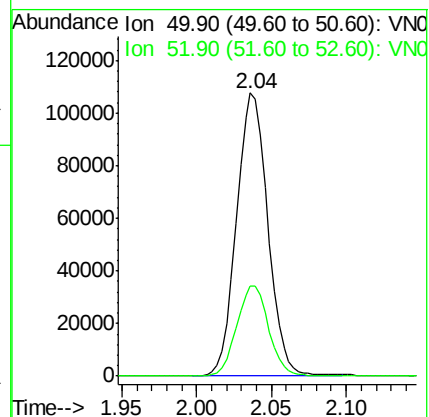
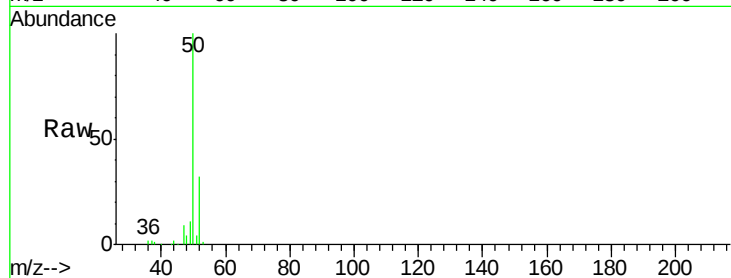
VSTDCCC050EC

Tgt Ion: 50 Resp: 157084

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.8



#4

Vinyl Chloride

Concen: 46.979 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064030.D

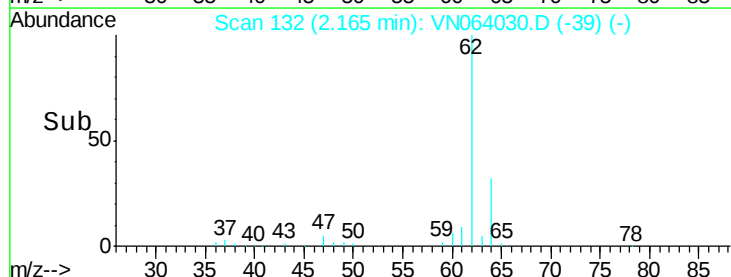
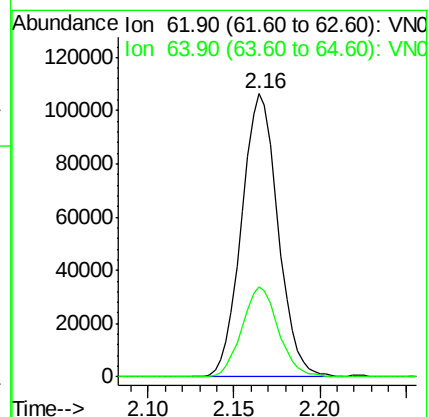
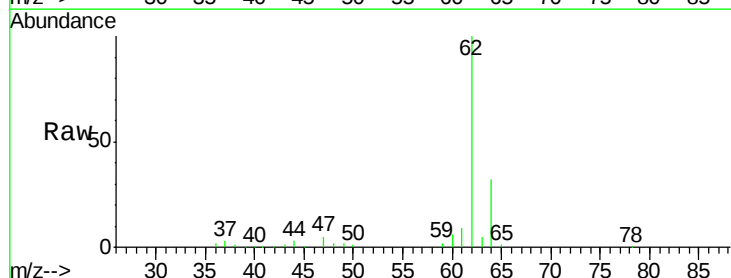
Acq: 9 Oct 2020 8:52

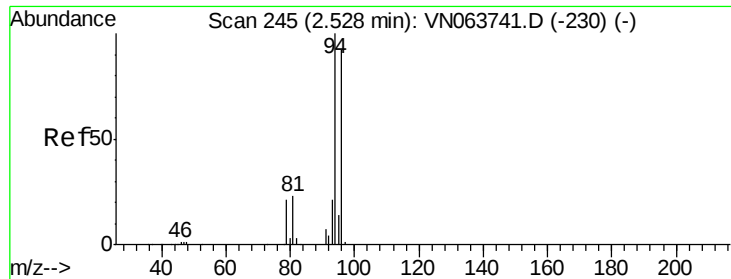
Tgt Ion: 62 Resp: 156118

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 43.092 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

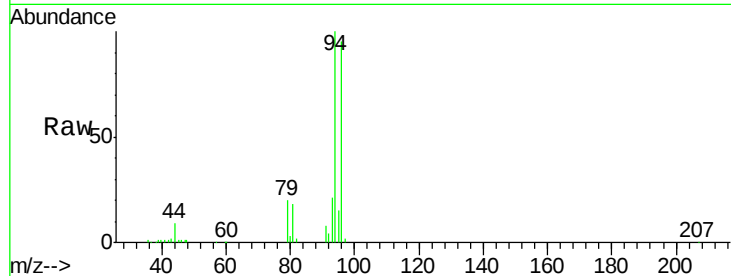
VSTDCCC050EC

Tgt Ion: 94 Resp: 90073

Ion Ratio Lower Upper

94 100

96 94.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

40000

30000

20000

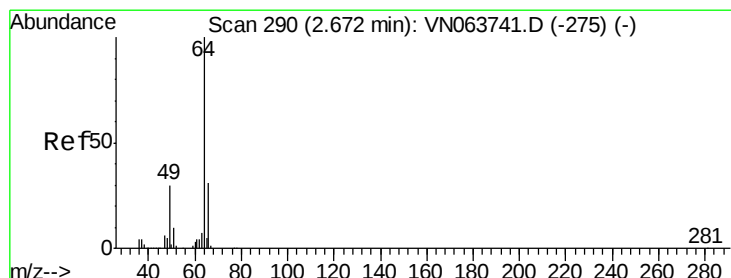
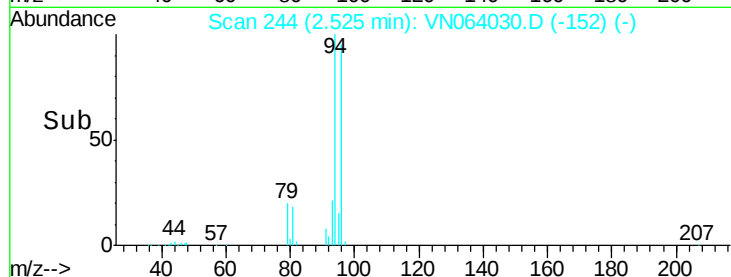
10000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 52.092 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064030.D

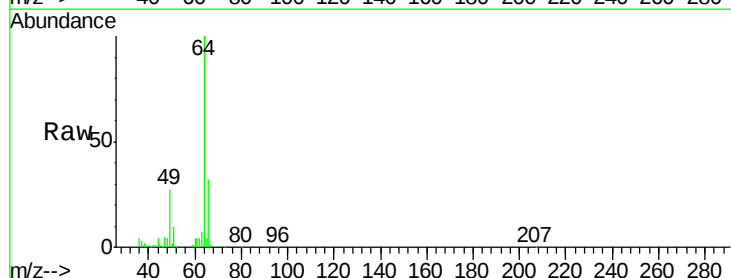
Acq: 9 Oct 2020 8:52

Tgt Ion: 64 Resp: 103442

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

60000

50000

40000

30000

20000

10000

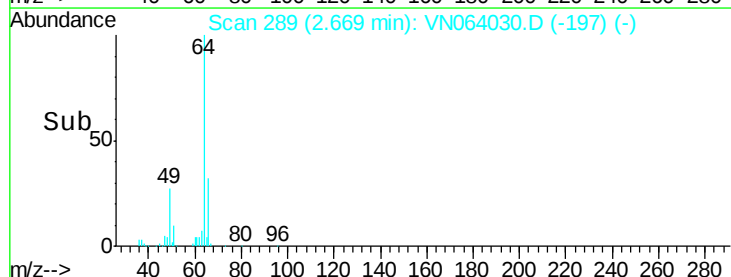
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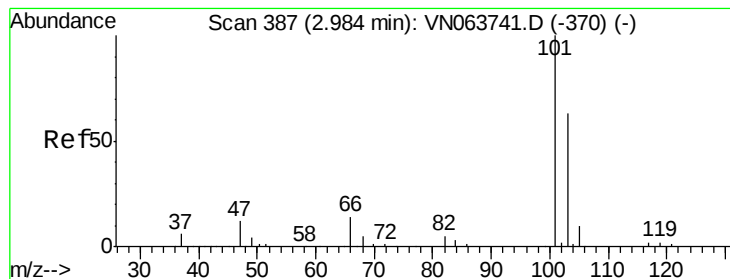
Time-->

2.60

2.70

2.75



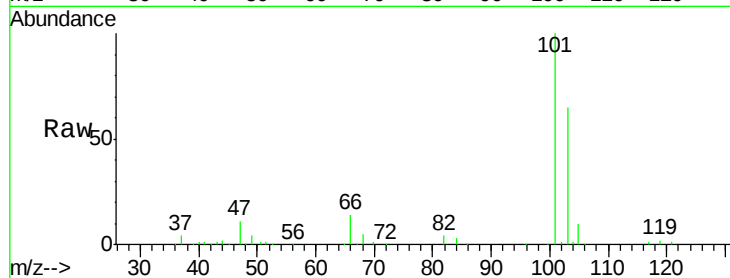


#7

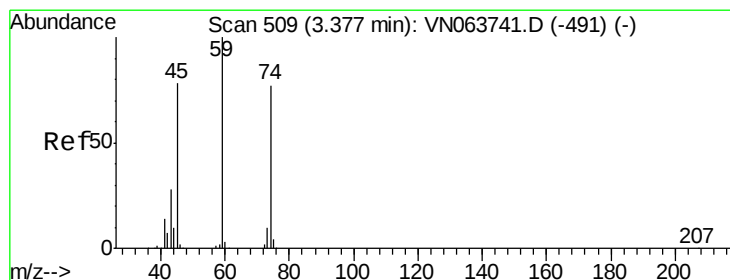
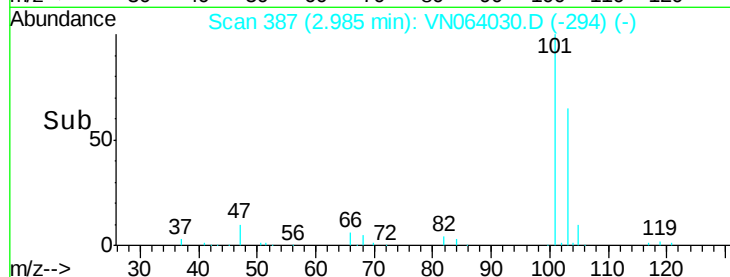
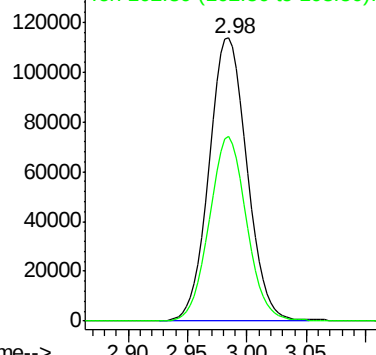
Trichlorofluoromethane
 Concen: 47.722 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064030.D
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Tgt Ion:101 Resp: 251518
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.7 76.1



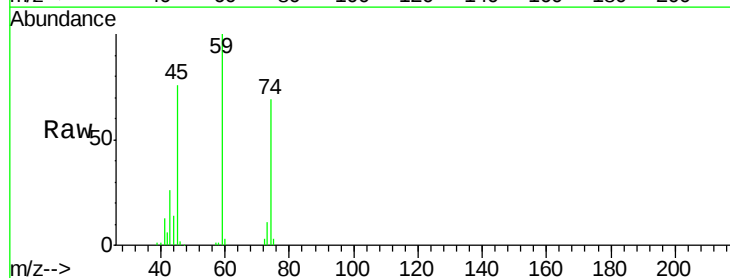
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



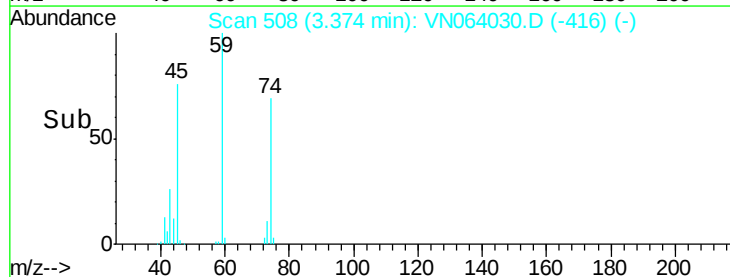
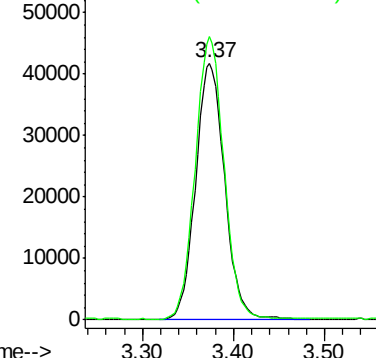
#8

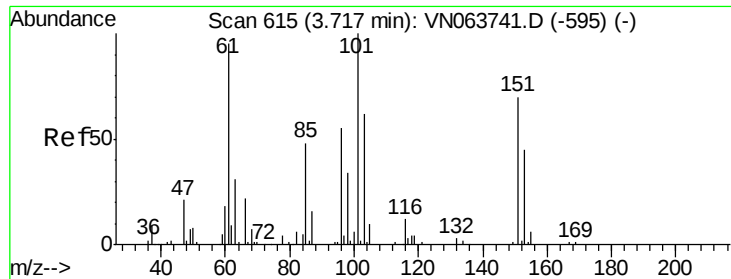
Diethyl Ether
 Concen: 52.154 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 74 Resp: 92962
 Ion Ratio Lower Upper
 74 100
 45 109.2 50.9 152.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.260 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

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VSTDCCC050EC

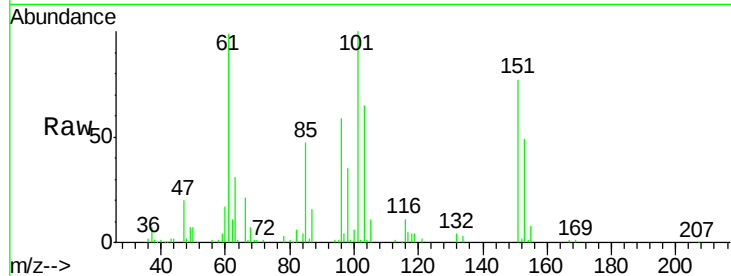
Tgt Ion:101 Resp: 133132

Ion Ratio Lower Upper

101 100

85 47.3 38.6 58.0

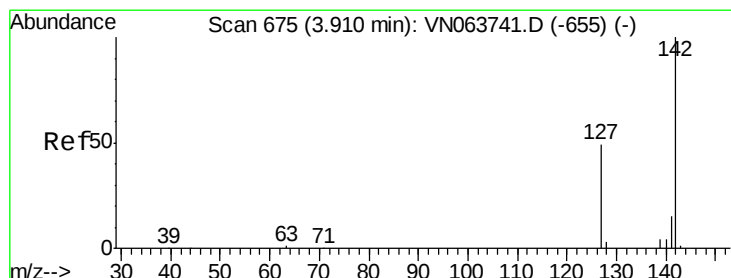
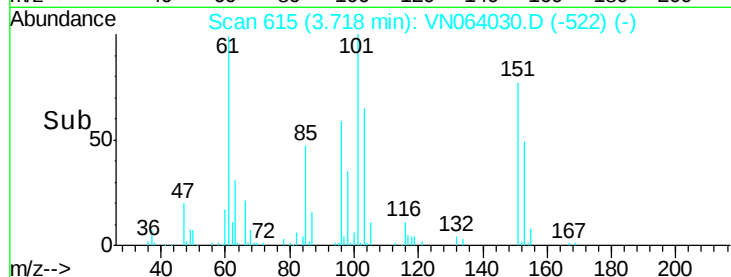
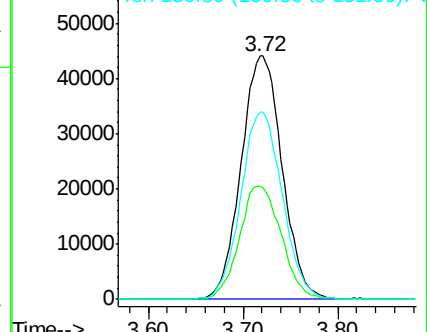
151 77.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.845 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

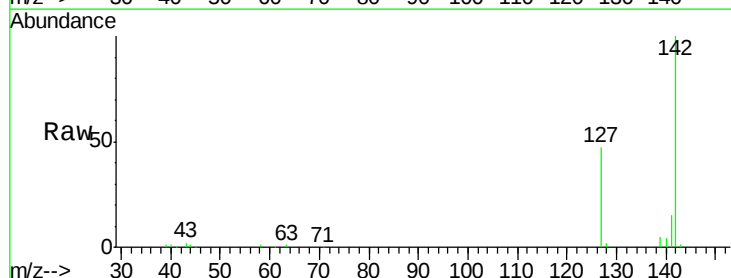
Tgt Ion:142 Resp: 169576

Ion Ratio Lower Upper

142 100

127 49.1 40.5 60.7

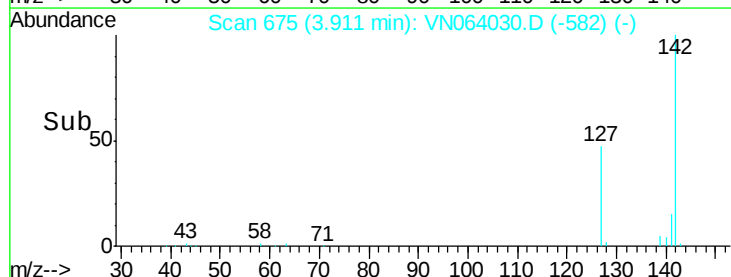
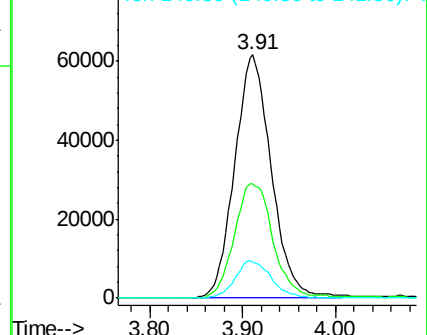
141 15.1 11.7 17.5

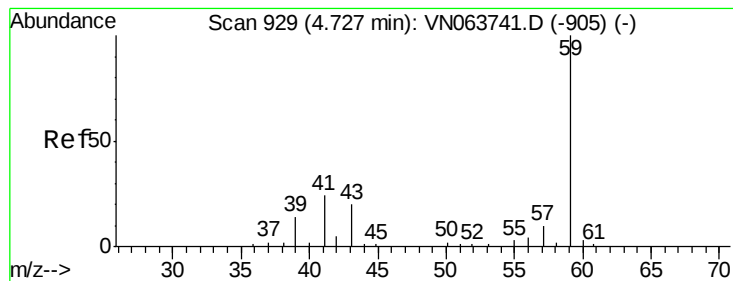


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 278.216 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

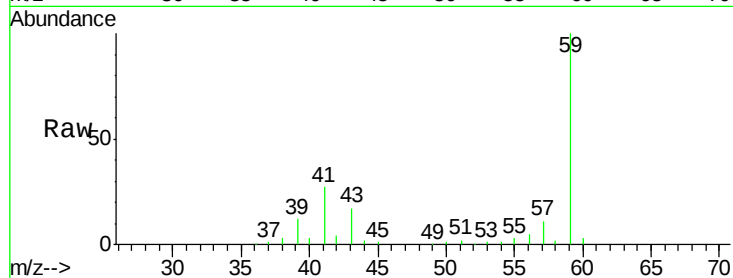
VSTDCCC050EC

Tgt Ion: 59 Resp: 135689

Ion Ratio Lower Upper

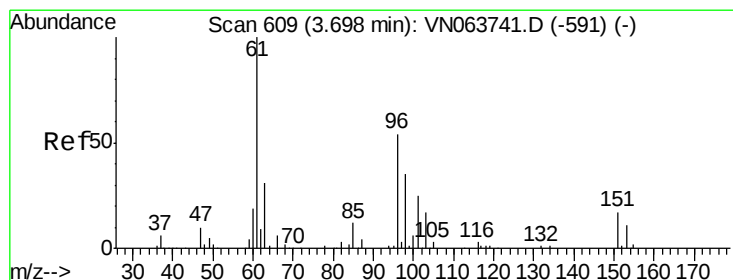
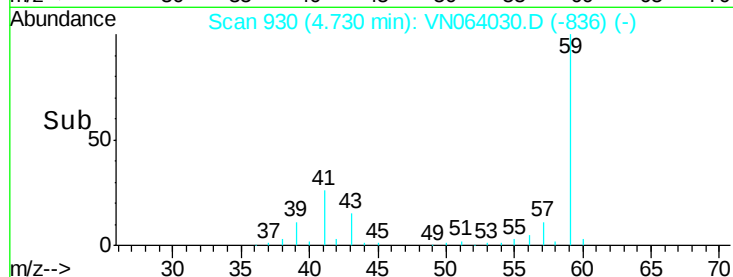
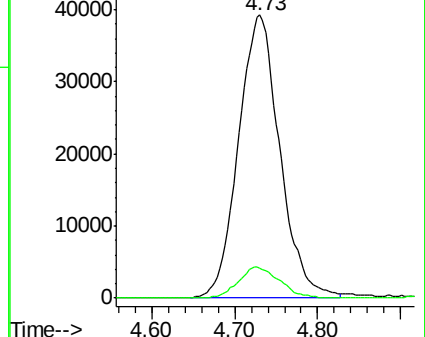
59 100

57 11.0 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VN063741.D (-905) (-)

Ion 57.00 (56.70 to 57.70): VN063741.D (-905) (-)



#12

1,1-Dichloroethene

Concen: 49.269 ug/l

RT: 3.70 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

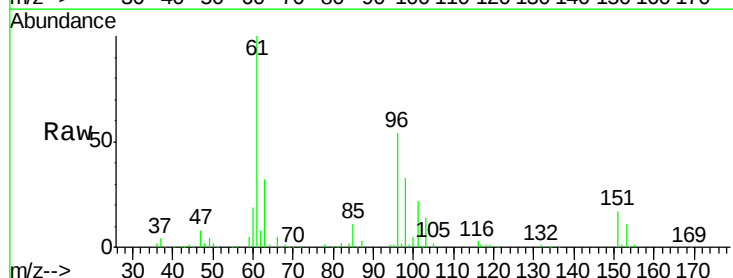
Tgt Ion: 96 Resp: 132663

Ion Ratio Lower Upper

96 100

61 186.2 147.7 221.5

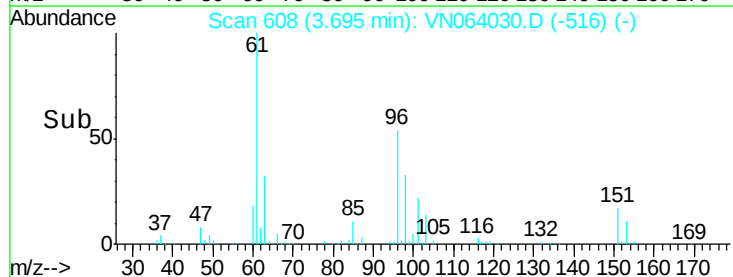
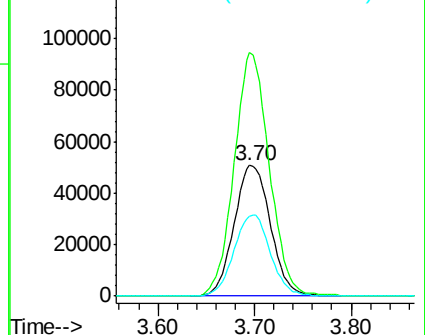
98 60.7 51.9 77.9

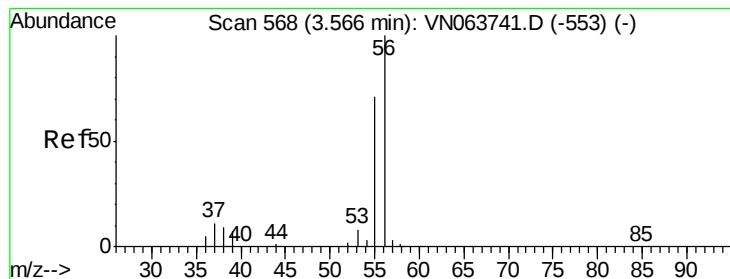


Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-591) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-591) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-591) (-)





#13

Acrolein

Concen: 295.758 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

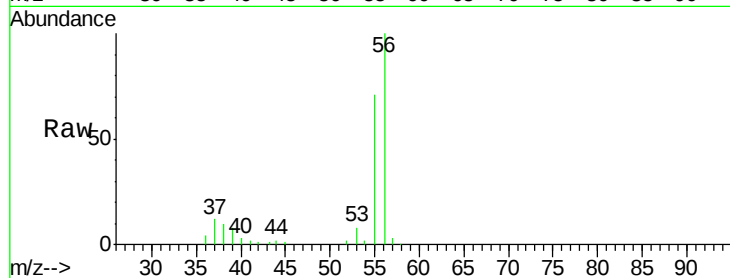
VSTDCCC050EC

Tgt Ion: 56 Resp: 88529

Ion Ratio Lower Upper

56 100

55 70.9 56.9 85.3

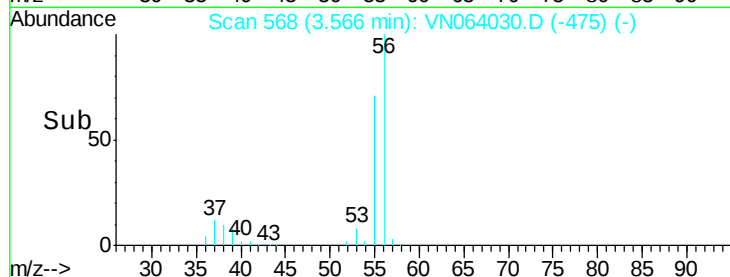


Abundance Ion 56.00 (55.70 to 56.70): VN064030.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064030.D (-475) (-)

3.57

Time-->



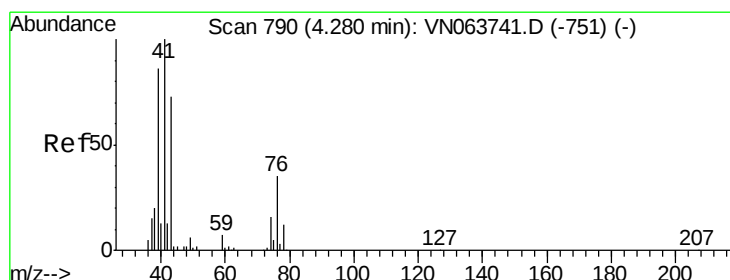
Abundance

Ion 56.00 (55.70 to 56.70): VN064030.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064030.D (-475) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 53.160 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

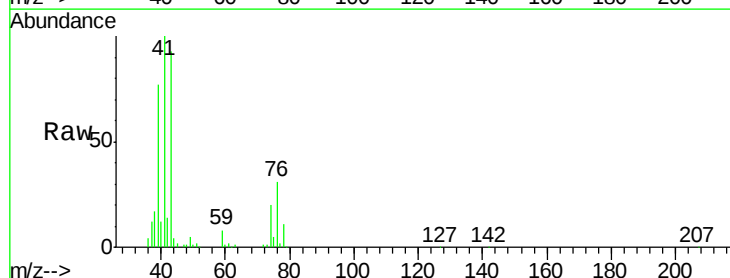
Tgt Ion: 41 Resp: 265922

Ion Ratio Lower Upper

41 100

39 71.2 64.5 96.7

76 27.8 25.9 38.9



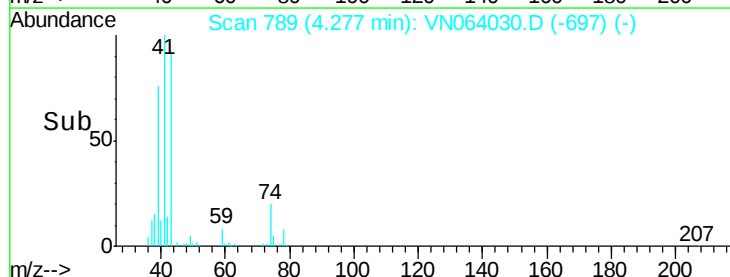
Abundance Ion 41.00 (40.70 to 41.70): VN064030.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN064030.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN064030.D (-697) (-)

4.28

Time-->



Abundance

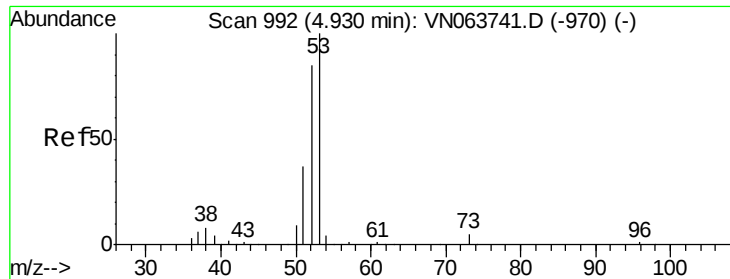
Ion 41.00 (40.70 to 41.70): VN064030.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN064030.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN064030.D (-697) (-)

4.28

Time-->



#15

Acrylonitrile

Concen: 307.007 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

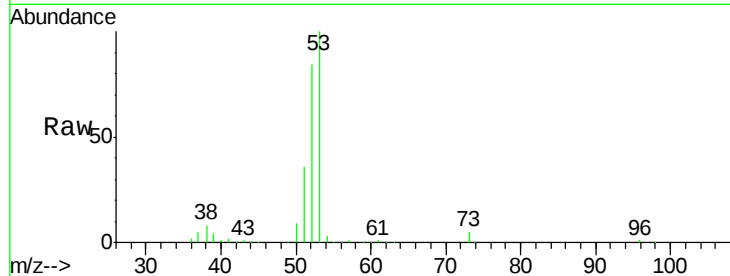
Tgt Ion: 53 Resp: 428594

Ion Ratio Lower Upper

53 100

52 81.9 66.5 99.7

51 36.3 29.9 44.9

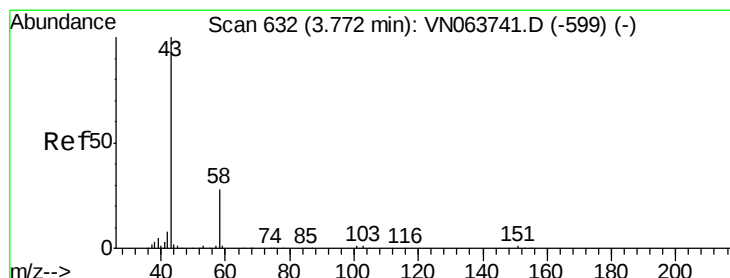
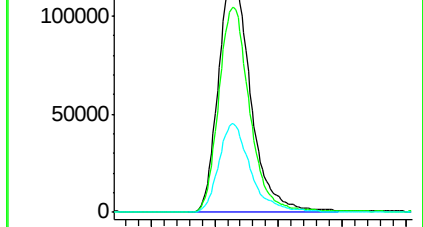
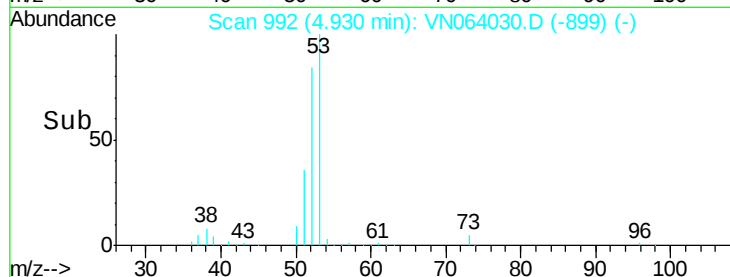


Abundance Ion 53.00 (52.70 to 53.70): VN064030.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN064030.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN064030.D (-899) (-)

Time-->



#16

Acetone

Concen: 274.486 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064030.D

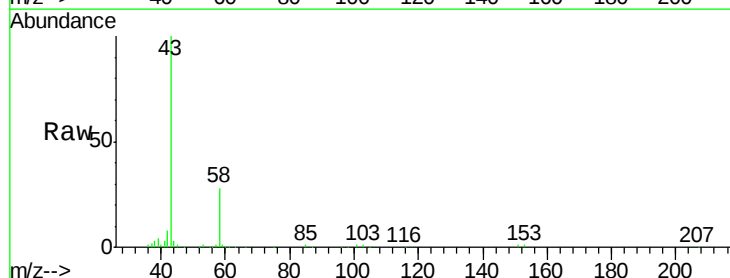
Acq: 9 Oct 2020 8:52

Tgt Ion: 43 Resp: 373263

Ion Ratio Lower Upper

43 100

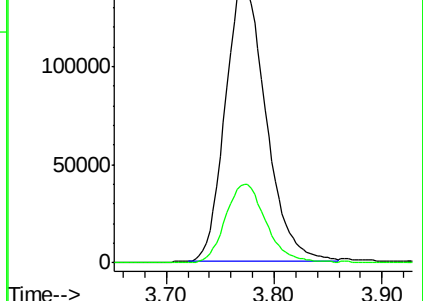
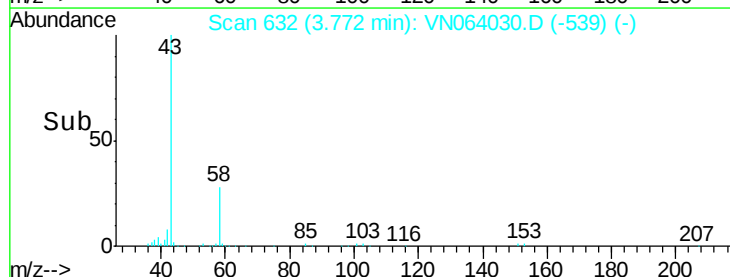
58 27.9 22.3 33.5

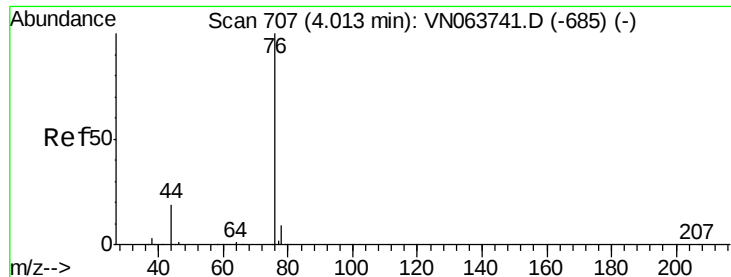


Abundance Ion 43.00 (42.70 to 43.70): VN064030.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN064030.D (-539) (-)

Time-->

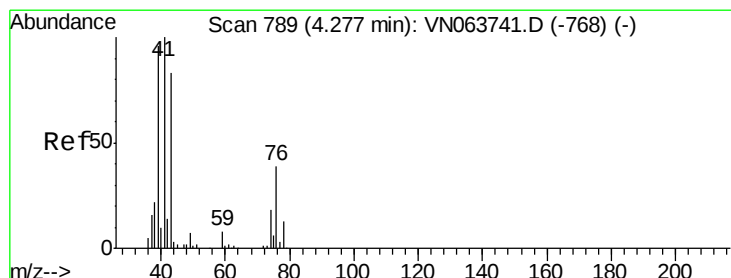
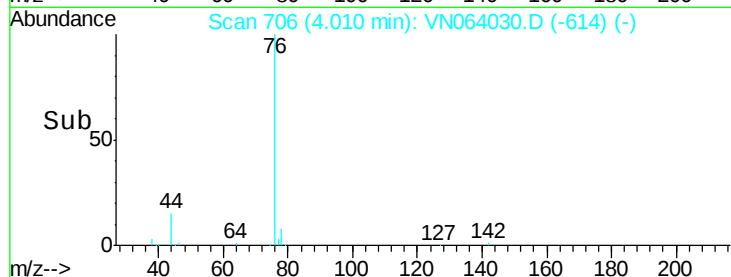
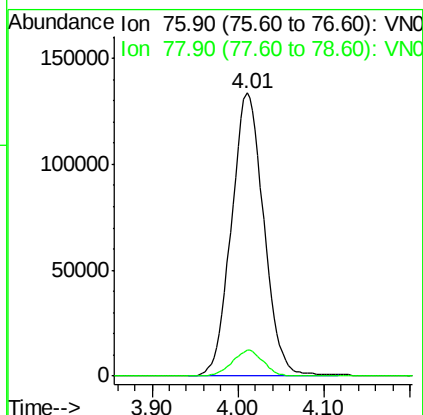
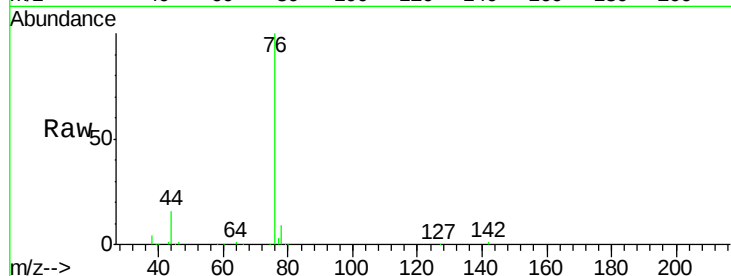




#17
Carbon Disulfide
Concen: 48.026 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

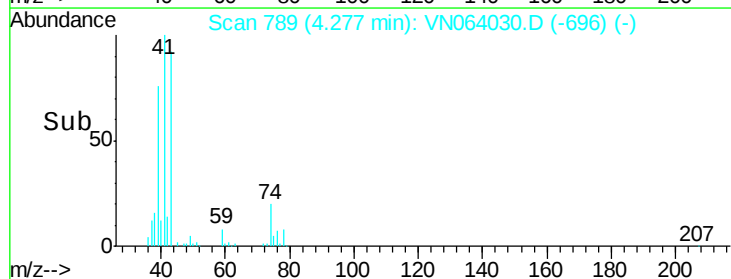
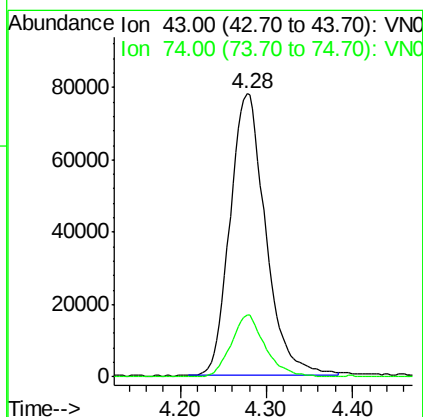
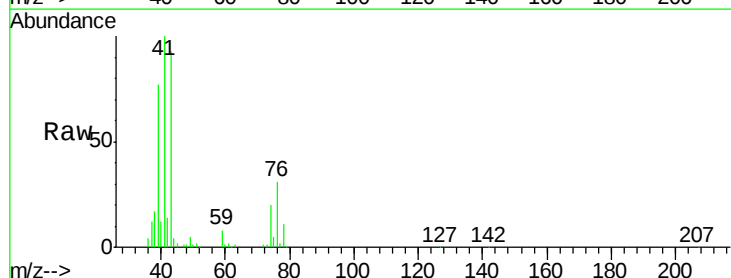
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

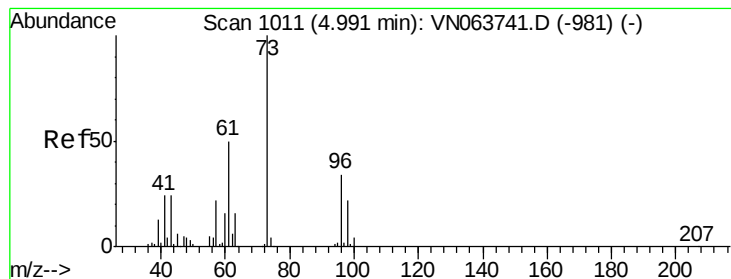
Tgt Ion: 76 Resp: 349314
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 63.510 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion: 43 Resp: 224236
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.2



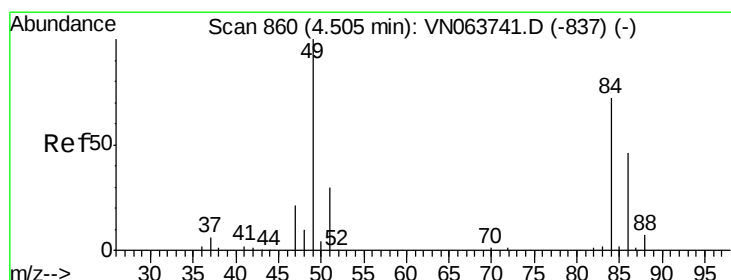
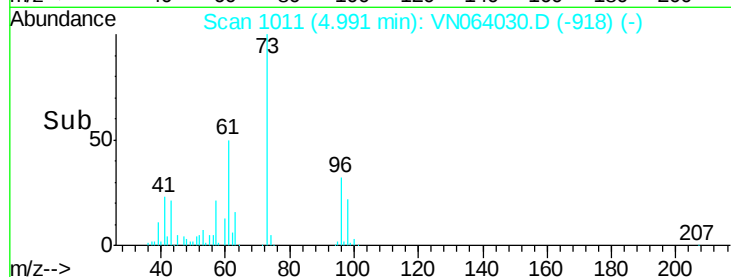
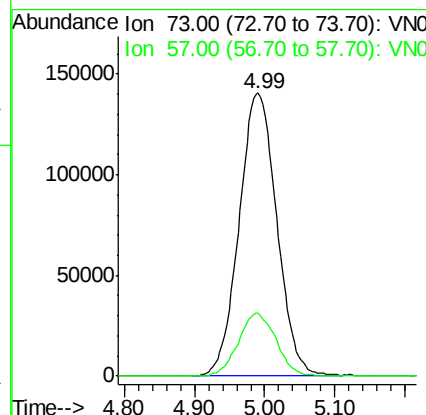
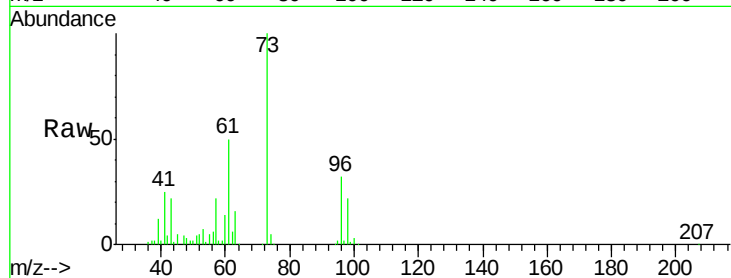


#19

Methyl tert-butyl Ether
 Concen: 53.633 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

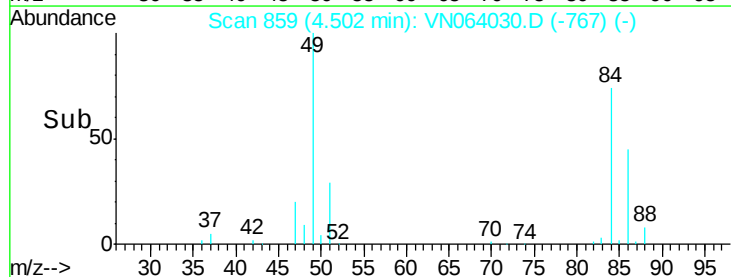
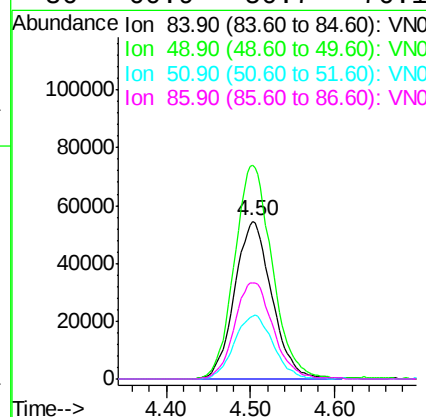
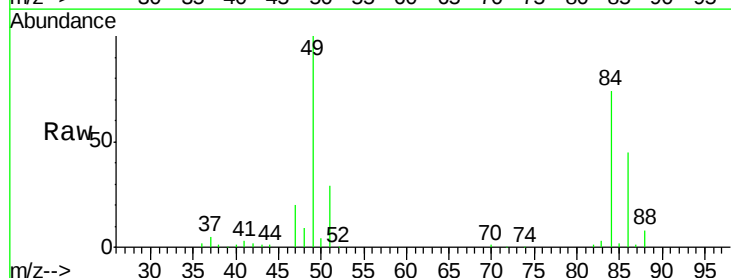
Tgt Ion: 73 Resp: 524664
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.6 26.4

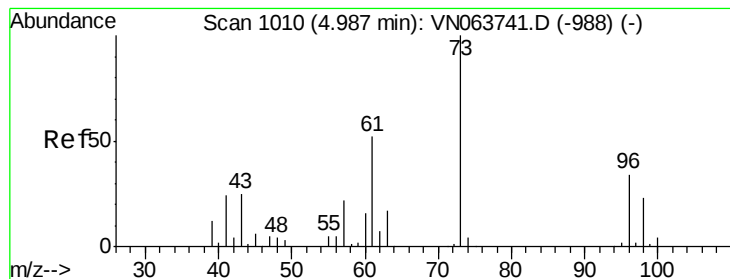


#20

Methylene Chloride
 Concen: 53.868 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 84 Resp: 167808
 Ion Ratio Lower Upper
 84 100
 49 134.9 110.4 165.6
 51 39.8 33.3 49.9
 86 60.9 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.996 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

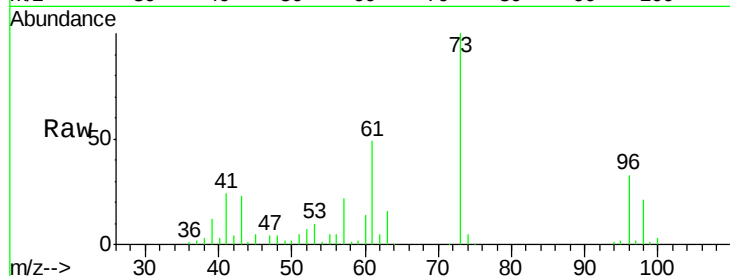
Tgt Ion: 96 Resp: 147770

Ion Ratio Lower Upper

96 100

61 148.3 120.2 180.2

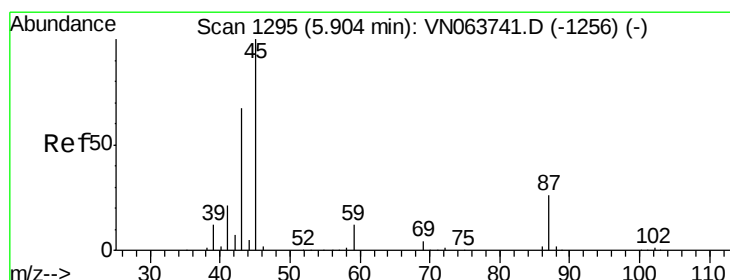
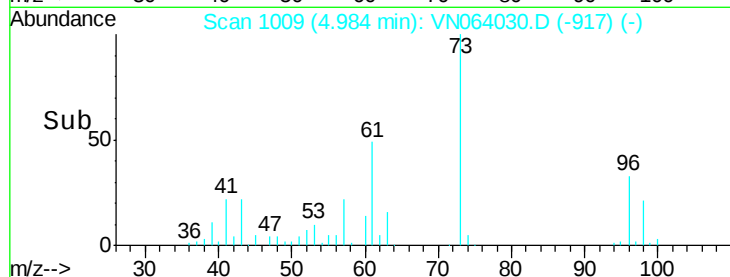
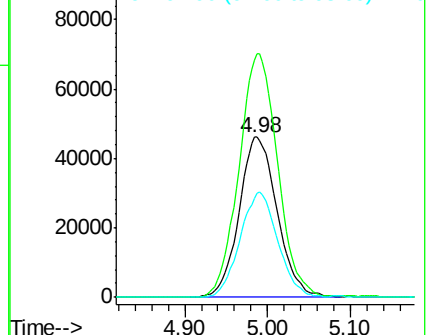
98 62.0 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN064030.D (-1202) (-)

Ion 60.90 (60.60 to 61.60): VN064030.D (-1202) (-)

Ion 97.90 (97.60 to 98.60): VN064030.D (-1202) (-)



#22

Diisopropyl ether

Concen: 58.690 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Tgt Ion: 45 Resp: 604038

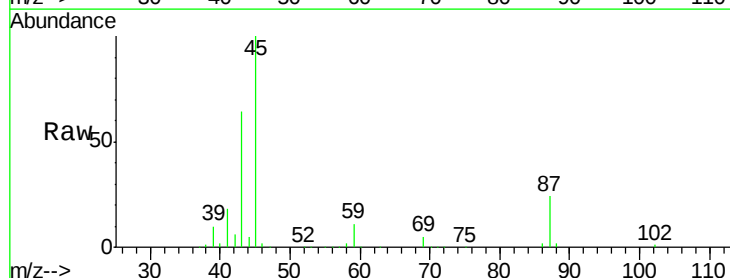
Ion Ratio Lower Upper

45 100

43 62.3 53.7 80.5

87 24.3 21.1 31.7

59 11.1 9.2 13.8

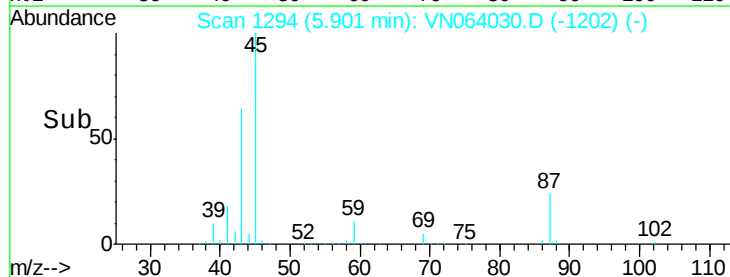
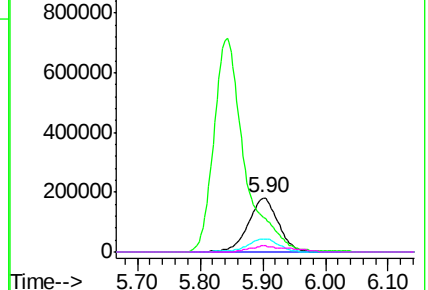


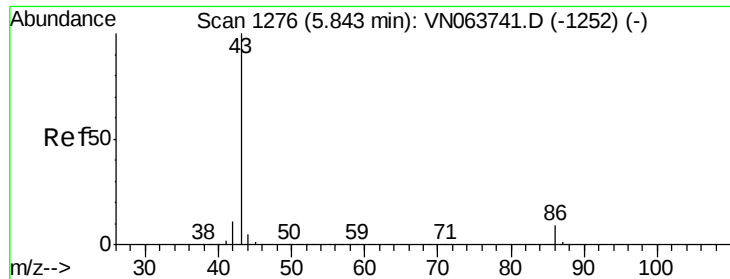
Abundance Ion 45.00 (44.70 to 45.70): VN064030.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064030.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064030.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064030.D (-1202) (-)

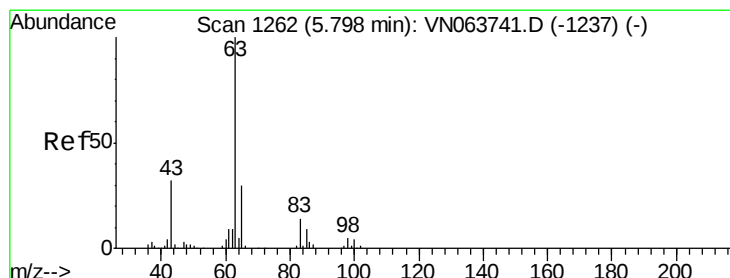
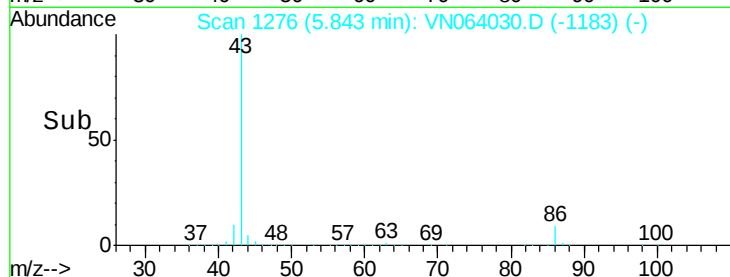
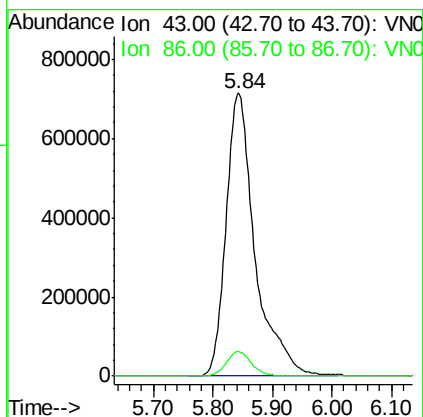
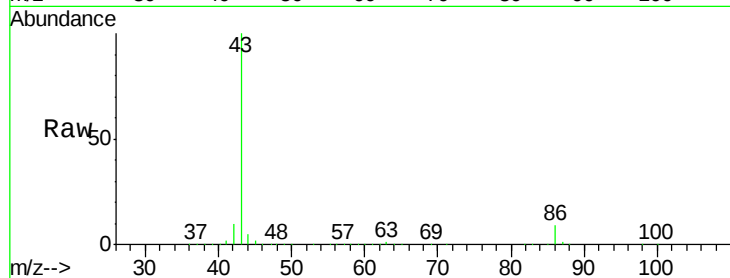




#23
 Vinyl Acetate
 Concen: 283.941 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

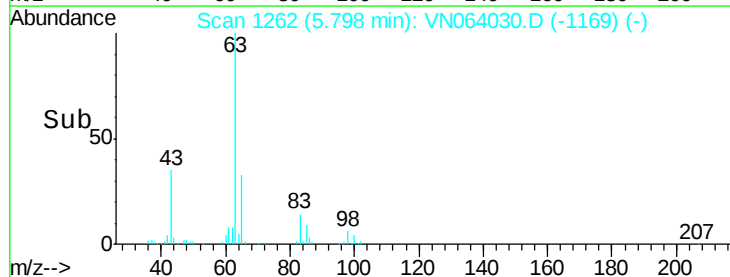
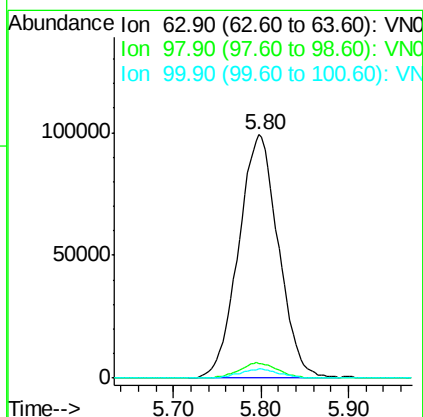
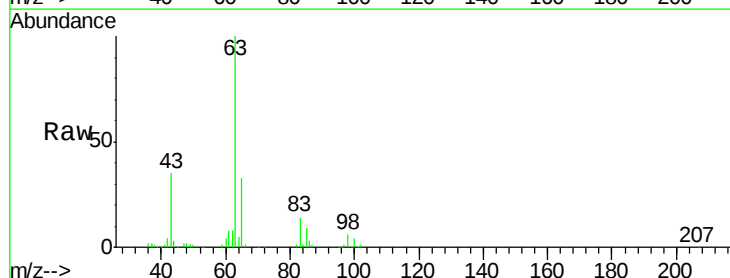
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

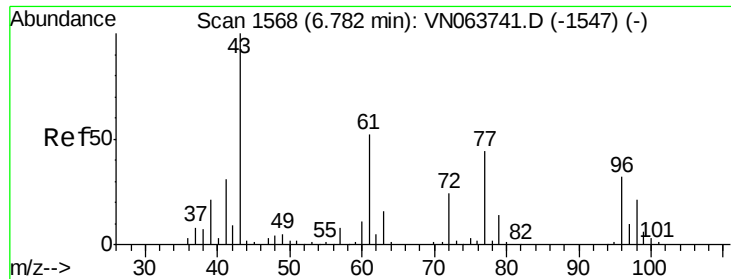
Tgt Ion: 43 Resp: 2420734
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 53.184 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 63 Resp: 312969
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.7 8.1
 100 3.7 1.9 5.7





#25

2-Butanone

Concen: 309.144 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

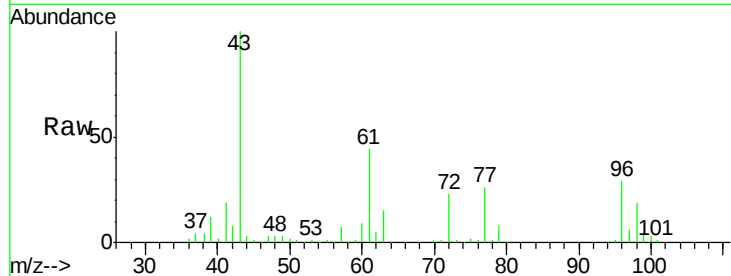
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 596012

Ion Ratio Lower Upper

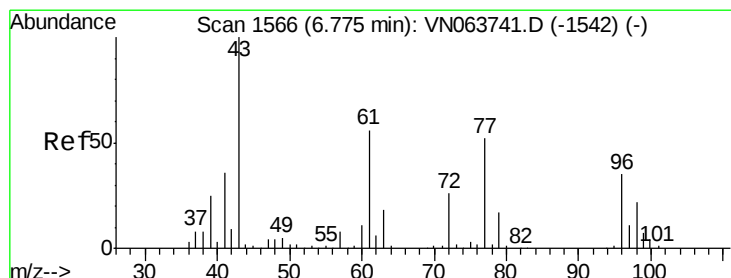
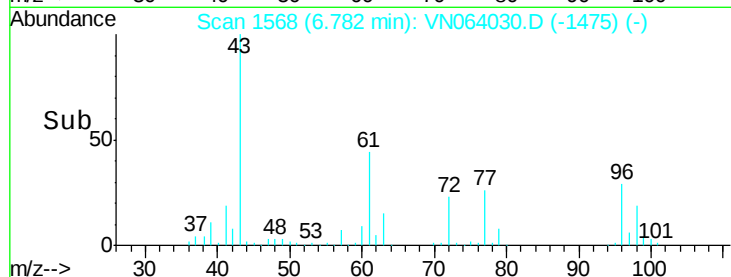
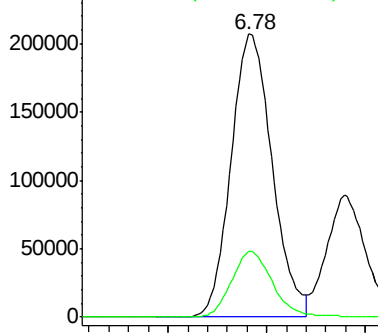
43 100

72 23.3 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 33.730 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064030.D

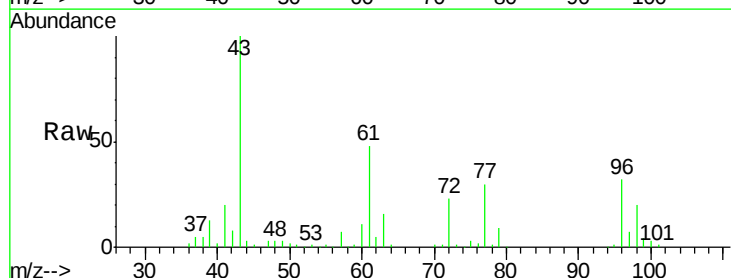
Acq: 9 Oct 2020 8:52

Tgt Ion: 77 Resp: 181773

Ion Ratio Lower Upper

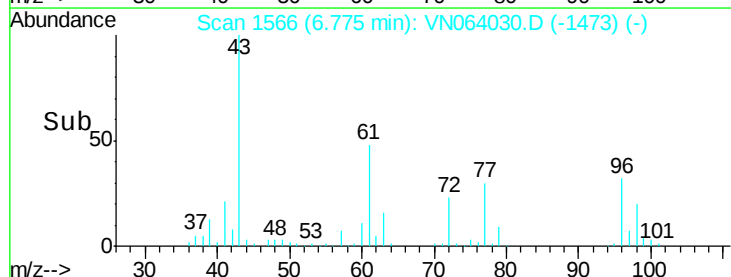
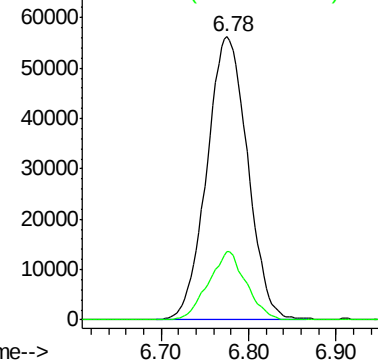
77 100

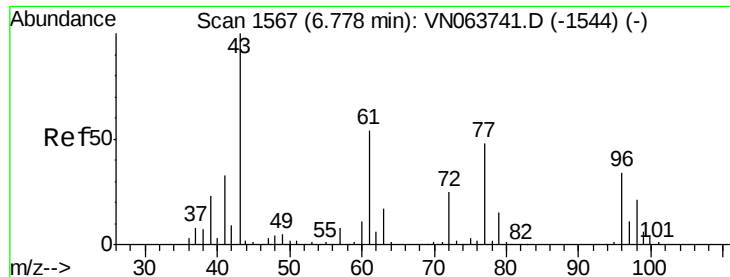
97 22.3 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 51.118 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

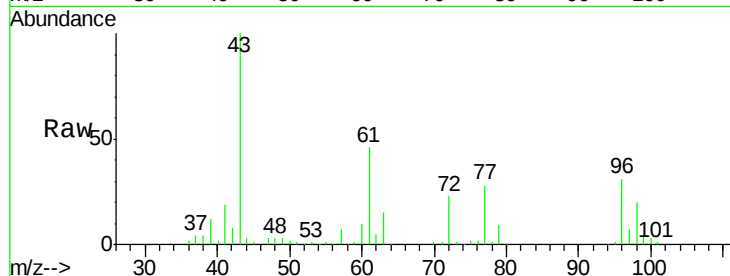
Tgt Ion: 96 Resp: 177312

Ion Ratio Lower Upper

96 100

61 153.2 0.0 321.2

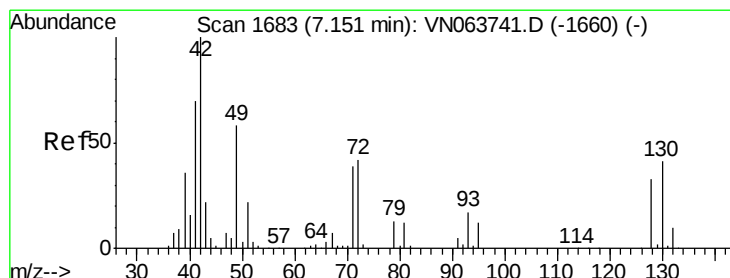
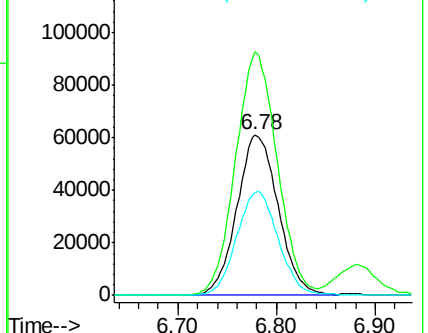
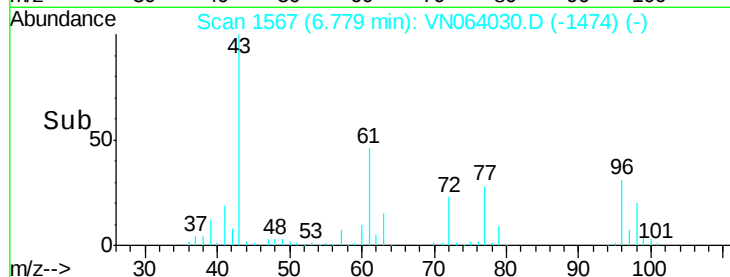
98 65.1 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN064030.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064030.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064030.D (-1474) (-)



#28

Bromochloromethane

Concen: 55.256 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

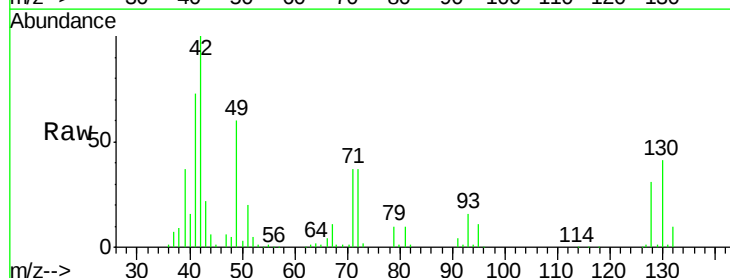
Tgt Ion: 49 Resp: 160712

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.8

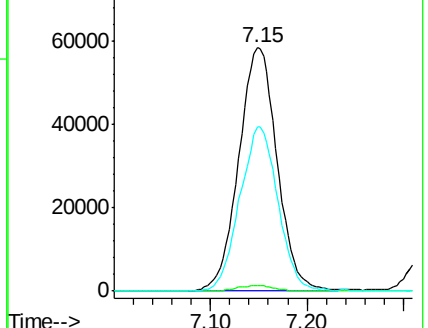
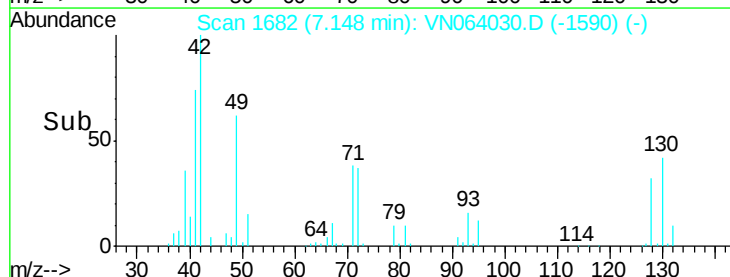
130 67.2 55.6 83.4

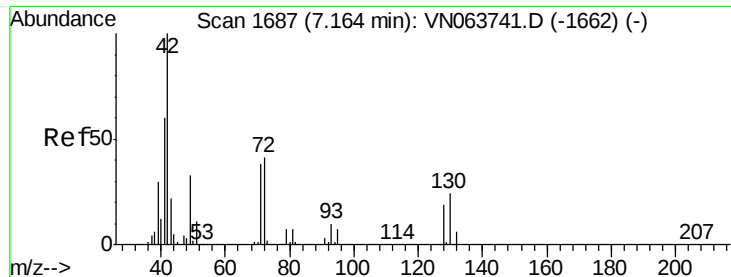


Abundance Ion 48.90 (48.60 to 49.60): VN064030.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064030.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064030.D (-1590) (-)

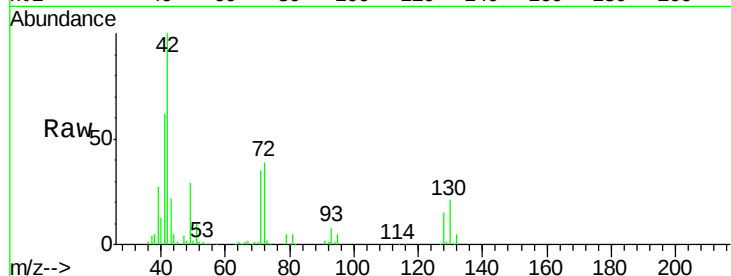




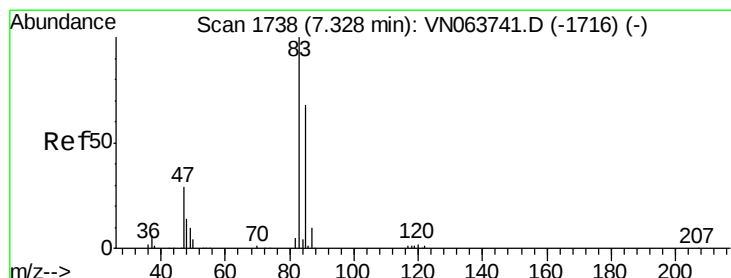
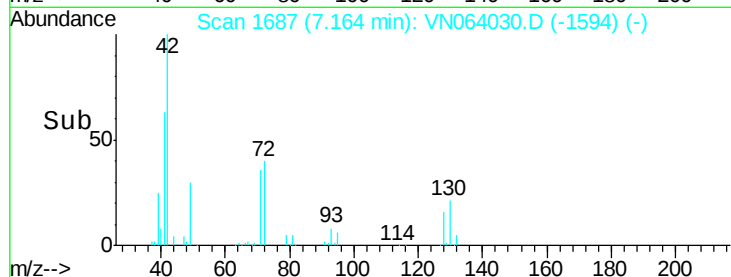
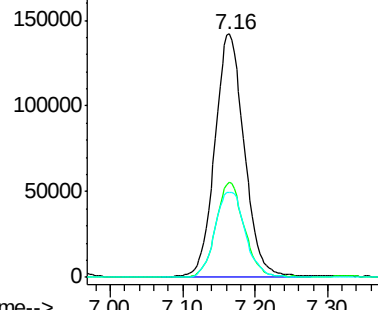
#29
Tetrahydrofuran
Concen: 309.616 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 400352
Ion Ratio Lower Upper
42 100
72 37.9 32.8 49.2
71 36.2 30.6 45.8

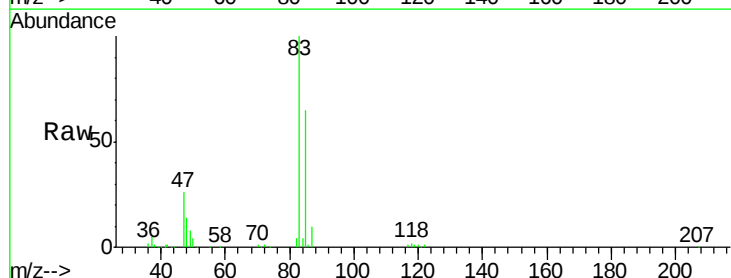


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

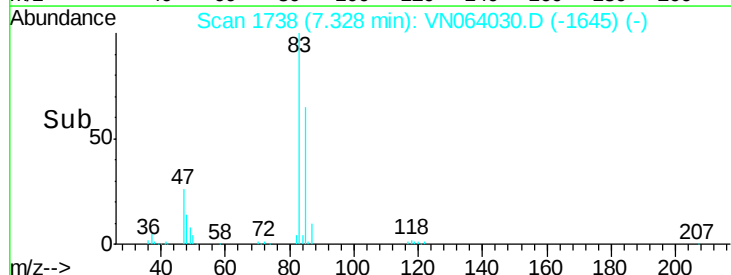
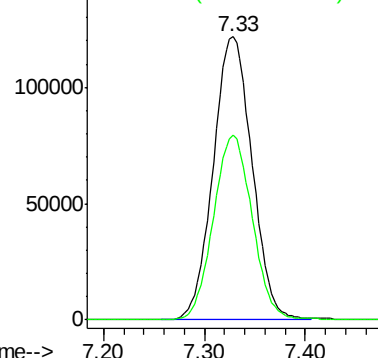


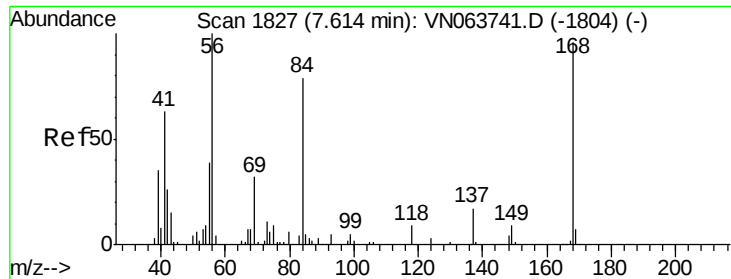
#30
Chloroform
Concen: 53.033 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion: 83 Resp: 325404
Ion Ratio Lower Upper
83 100
85 65.1 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.532 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

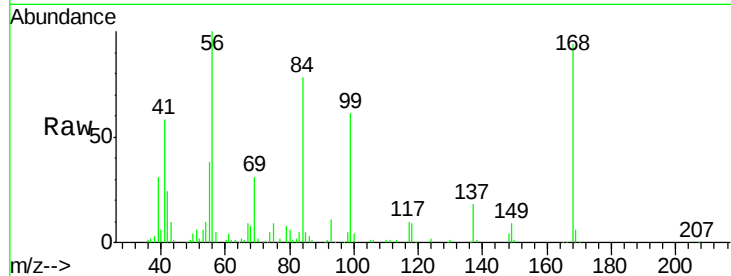
Tgt Ion: 56 Resp: 248898

Ion Ratio Lower Upper

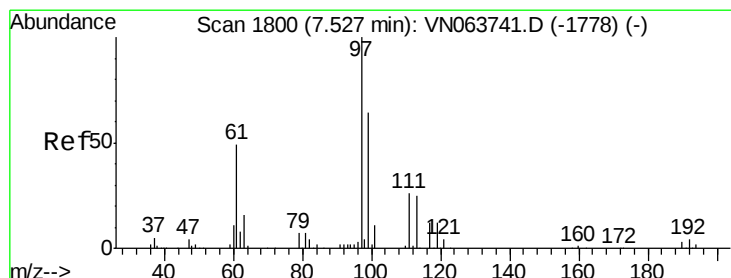
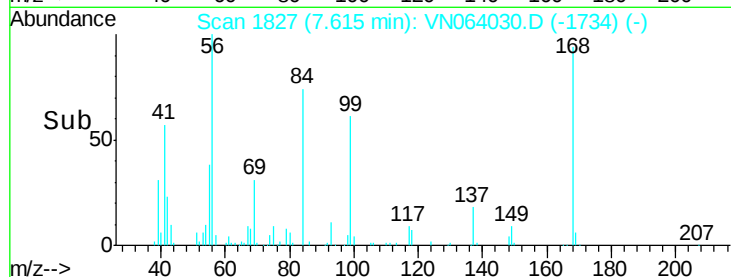
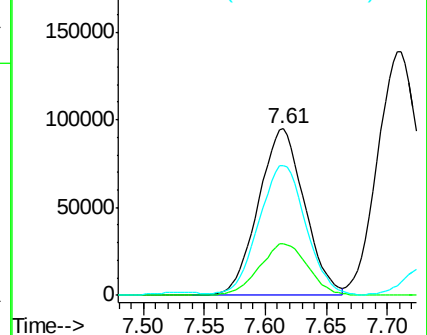
56 100

69 30.9 25.4 38.2

84 76.6 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.508 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

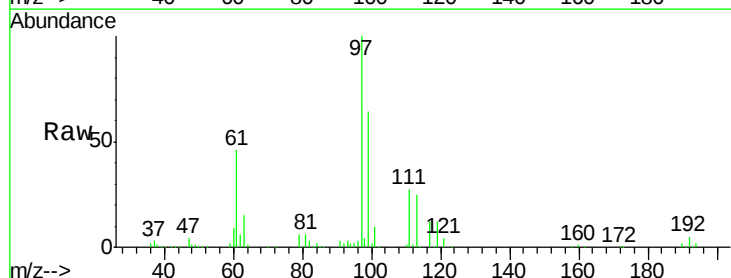
Tgt Ion: 97 Resp: 285066

Ion Ratio Lower Upper

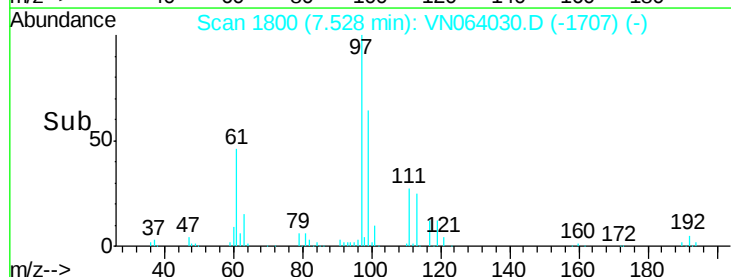
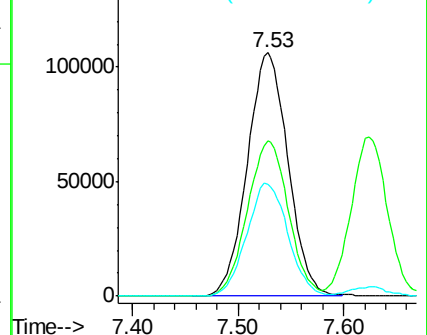
97 100

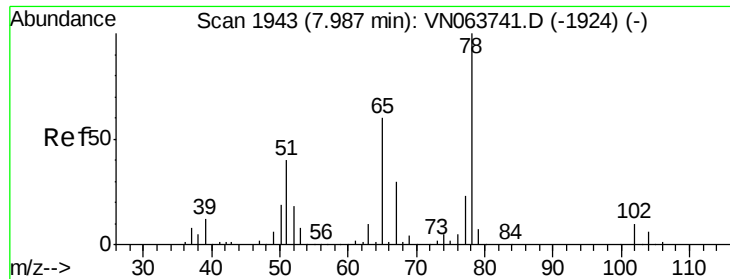
99 64.2 51.0 76.6

61 47.0 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

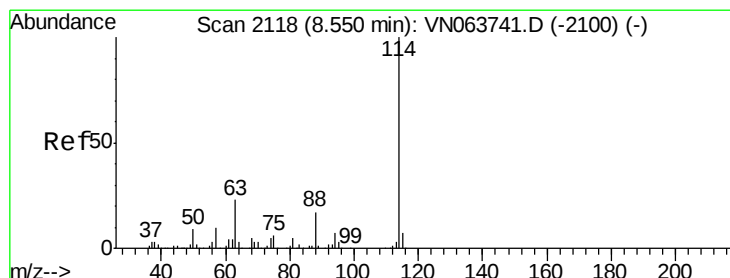
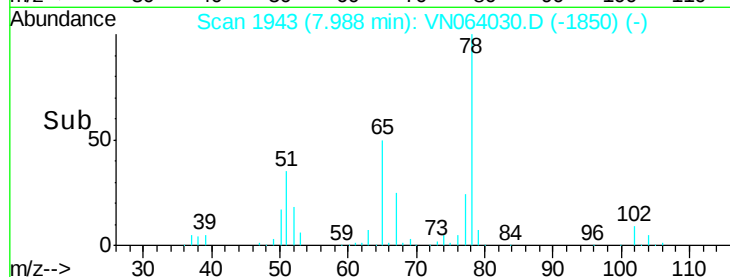
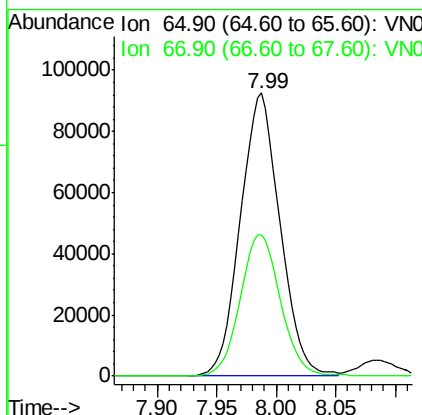
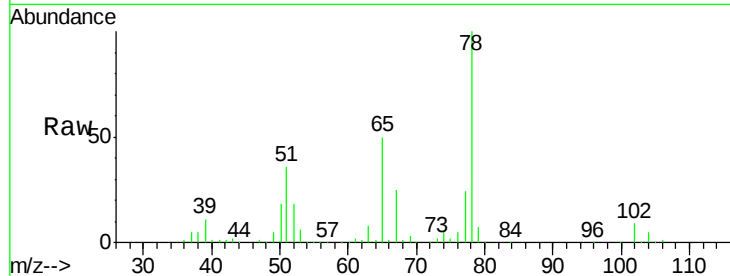




#33
 1,2-Dichloroethane-d4
 Concen: 48.391 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

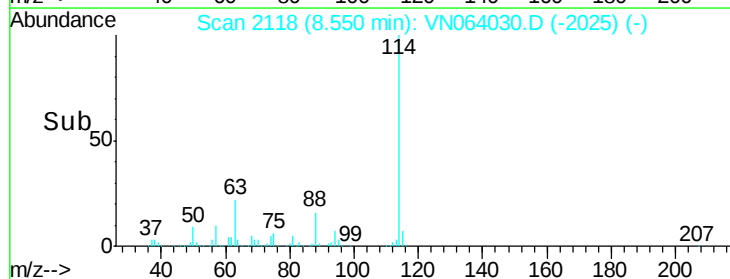
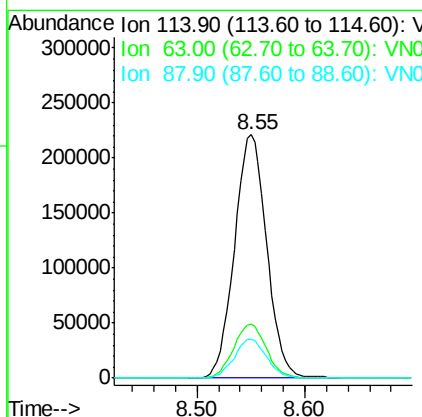
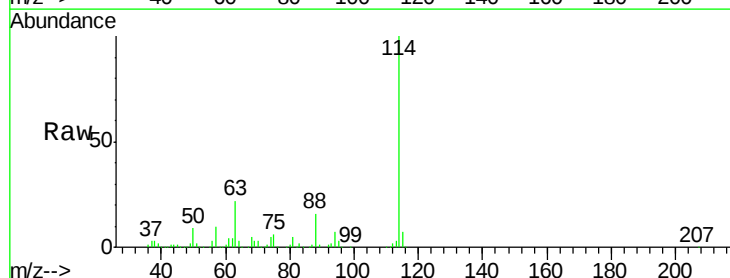
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 213769
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 114 Resp: 460505
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.2 0.0 34.0

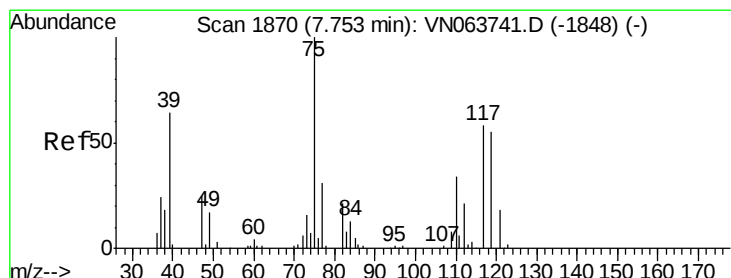
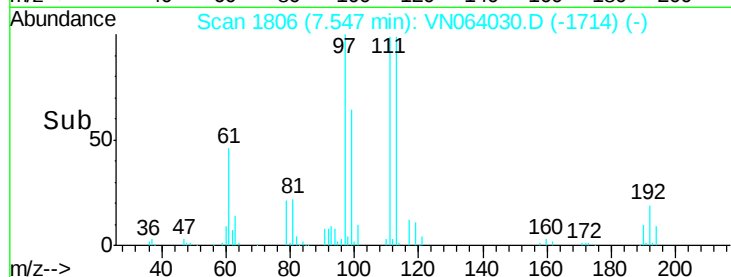
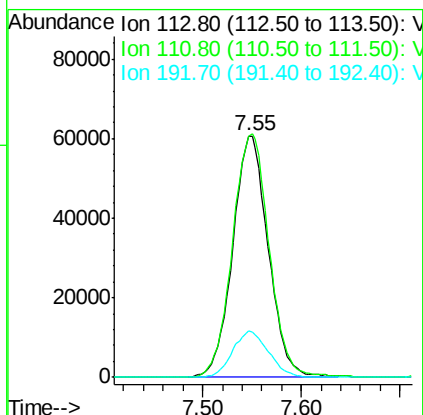
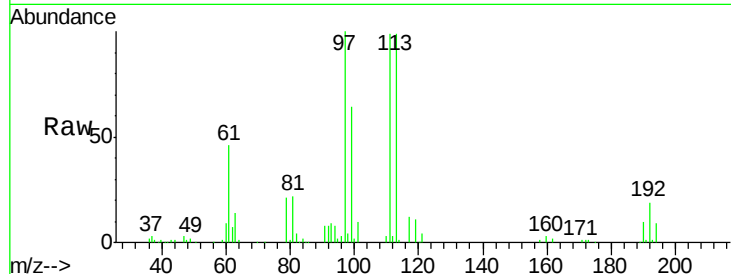




#35
 Dibromofluoromethane
 Concen: 47.469 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

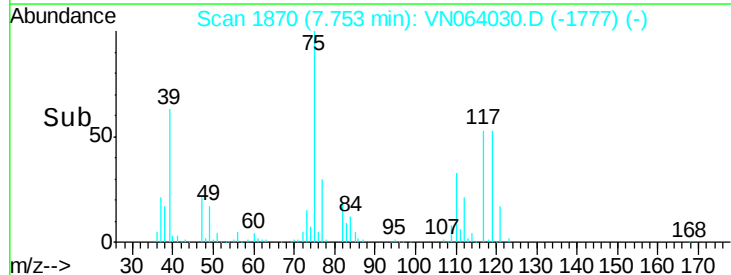
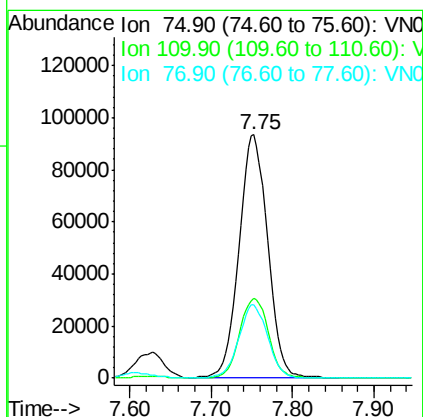
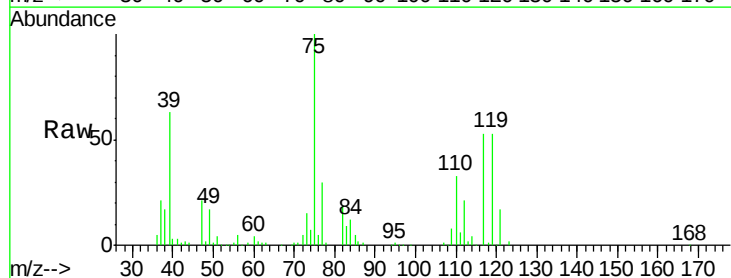
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

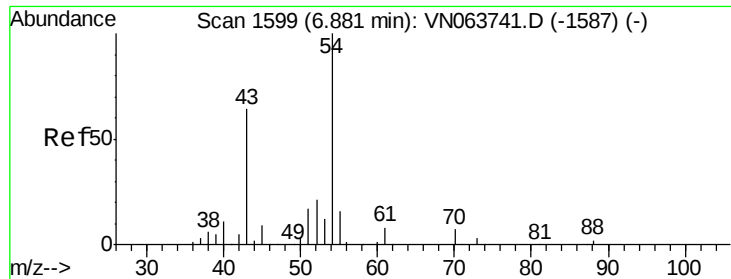
Tgt Ion: 113 Resp: 151679
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.8
 192 19.2 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 48.317 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 75 Resp: 225415
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.9 50.6
 77 30.6 24.5 36.7

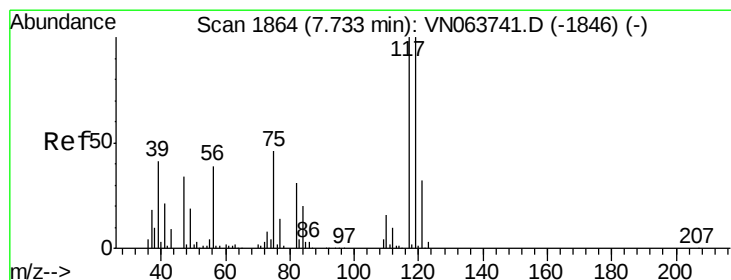
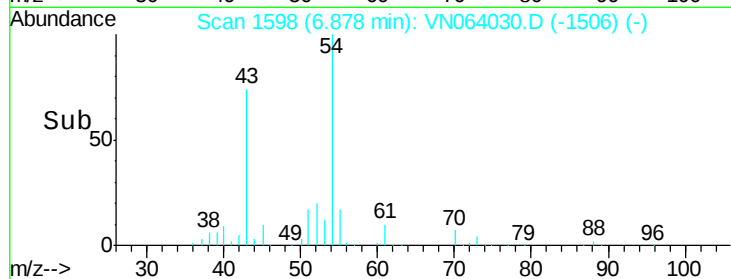
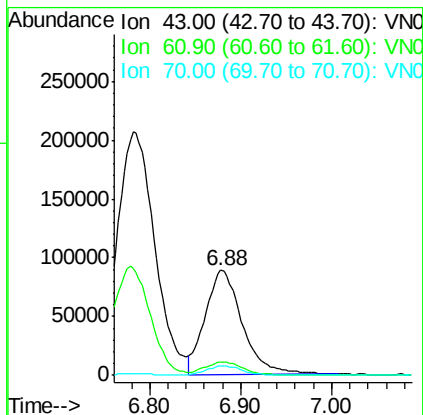
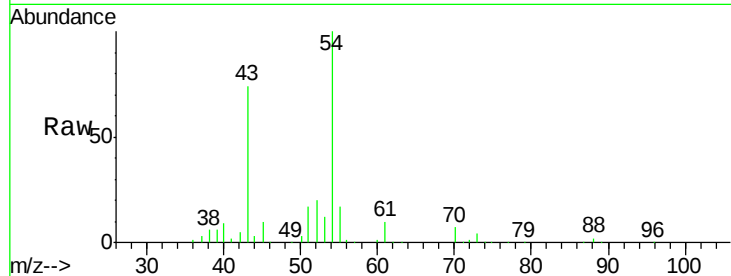




#37
 Ethyl Acetate
 Concen: 54.058 ug/l
 RT: 6.88 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

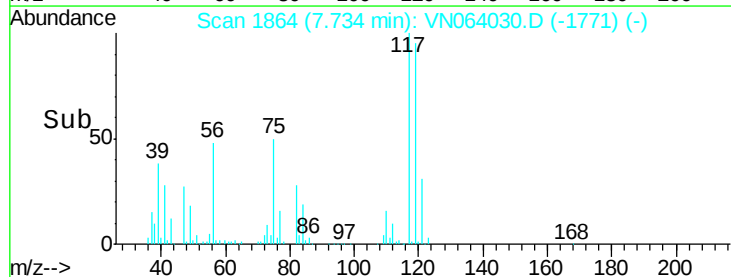
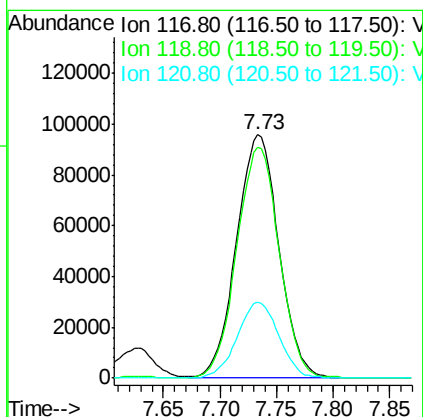
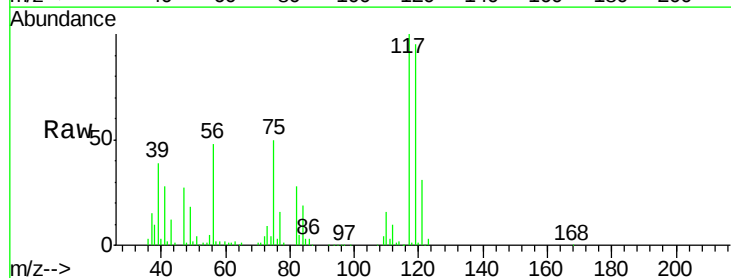
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

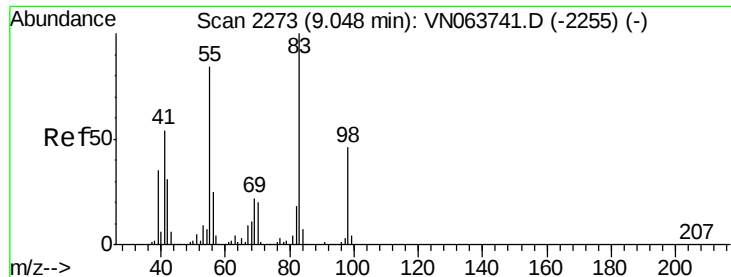
Tgt Ion: 43 Resp: 250564
 Ion Ratio Lower Upper
 43 100
 61 12.8 10.4 15.6
 70 8.9 7.3 10.9



#38
 Carbon Tetrachloride
 Concen: 47.377 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 117 Resp: 247853
 Ion Ratio Lower Upper
 117 100
 119 94.9 80.1 120.1
 121 31.3 25.7 38.5

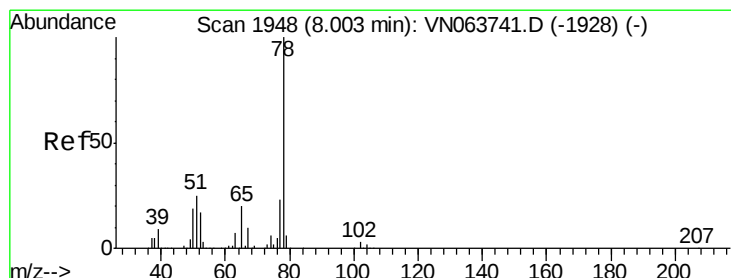
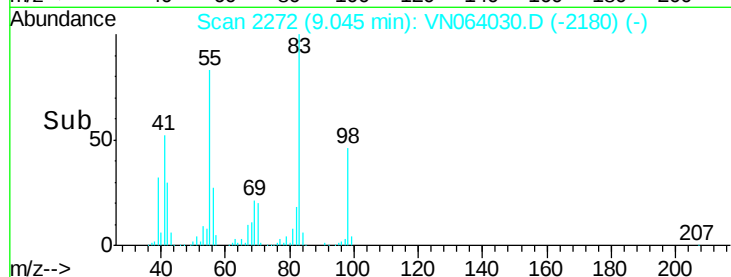
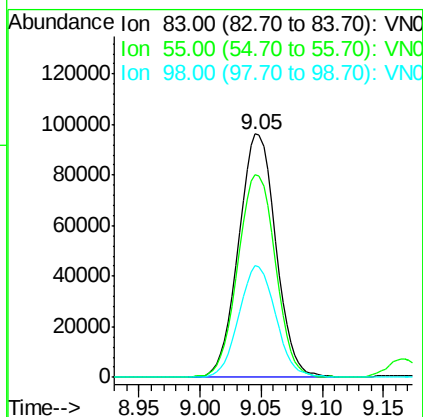
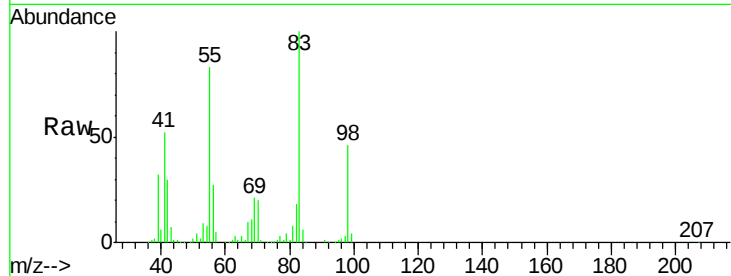




#39
Methylcyclohexane
Concen: 43.761 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

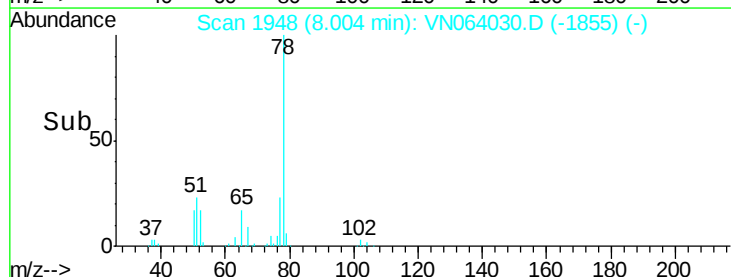
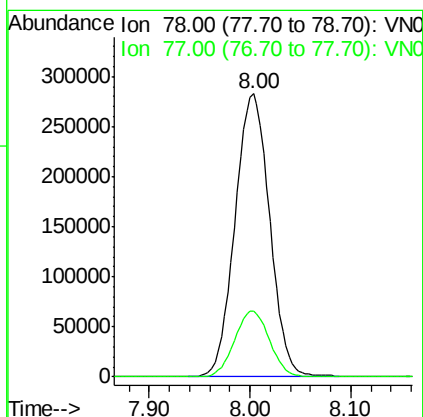
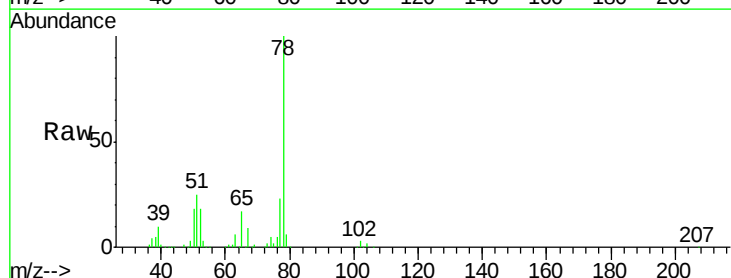
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

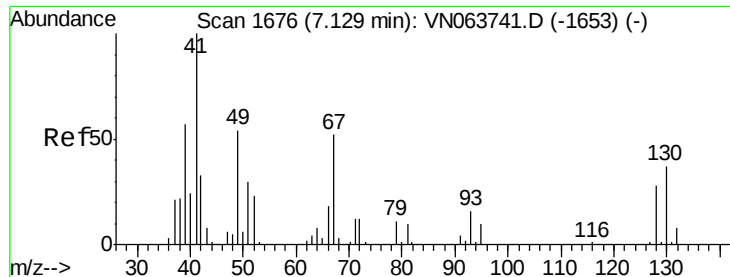
Tgt Ion: 83 Resp: 203594
Ion Ratio Lower Upper
83 100
55 83.4 67.1 100.7
98 46.1 36.6 54.8



#40
Benzene
Concen: 50.651 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion: 78 Resp: 674941
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

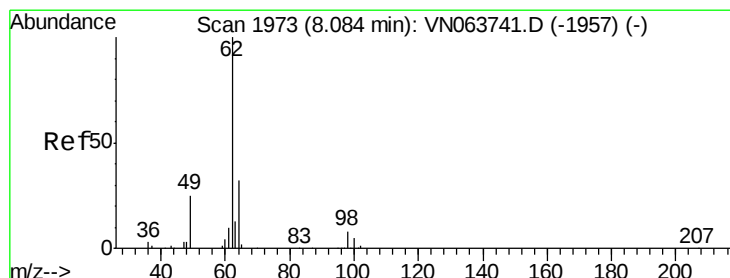
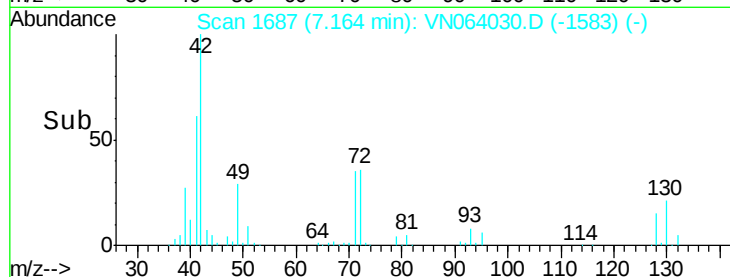
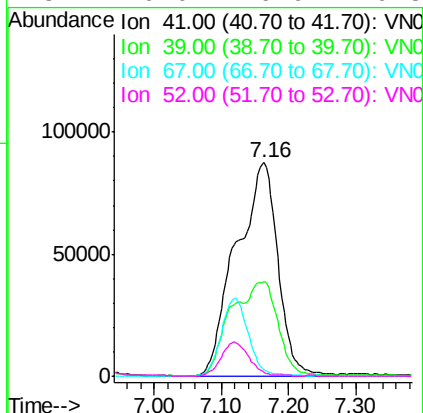
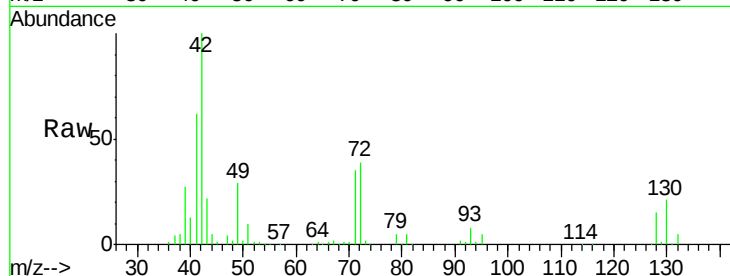




#41
Methacrylonitrile
Concen: 183.377 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

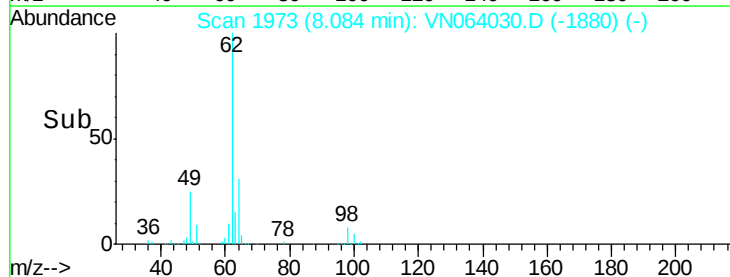
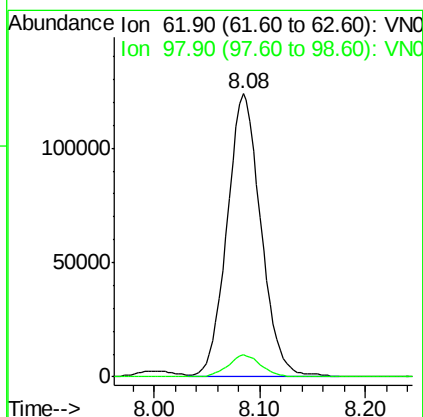
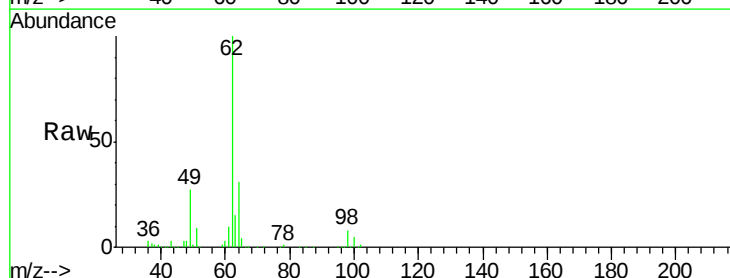
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

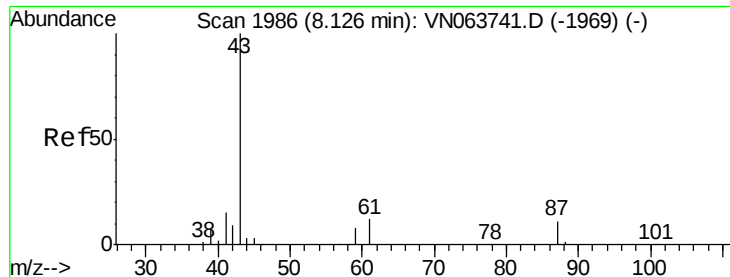
Tgt Ion:	41	Resp:	377761
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 48.061 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion:	62	Resp:	273381
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.0





#43

Isopropyl Acetate

Concen: 54.429 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

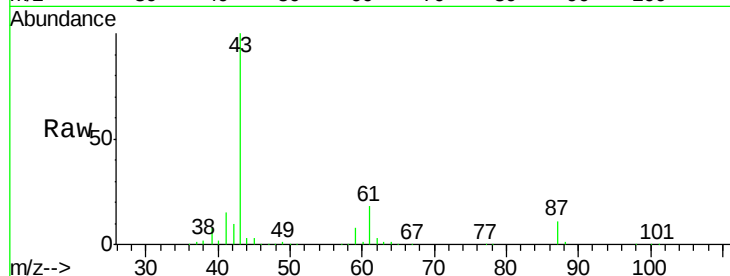
Tgt Ion: 43 Resp: 416133

Ion Ratio Lower Upper

43 100

61 23.7 14.2 21.4#

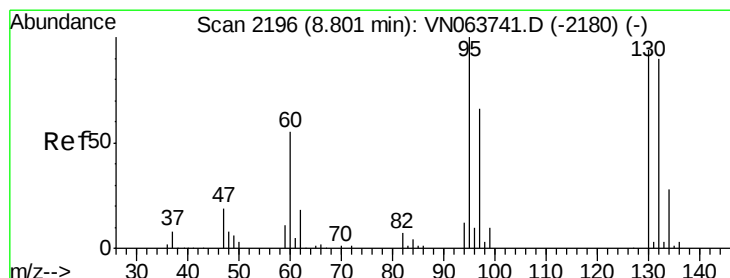
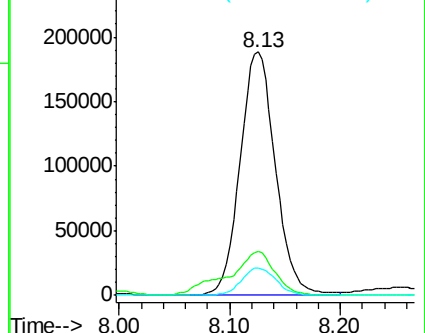
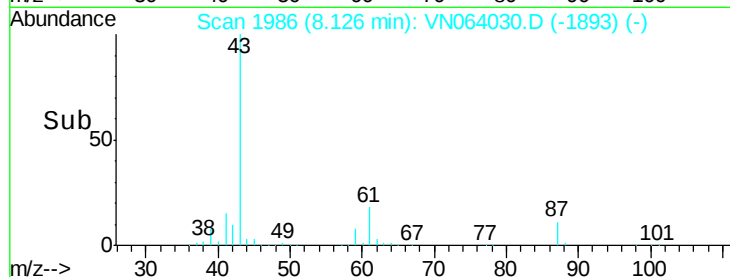
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN064030.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064030.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064030.D (-1893) (-)



#44

Trichloroethene

Concen: 48.057 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064030.D

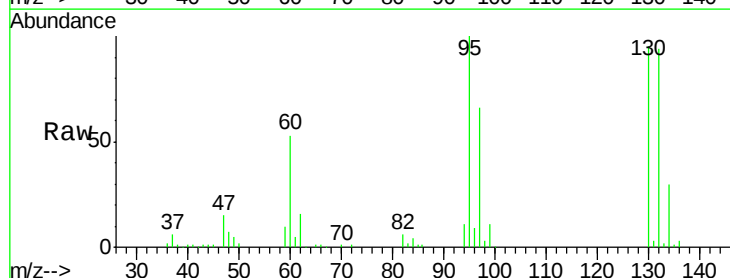
Acq: 9 Oct 2020 8:52

Tgt Ion: 130 Resp: 167787

Ion Ratio Lower Upper

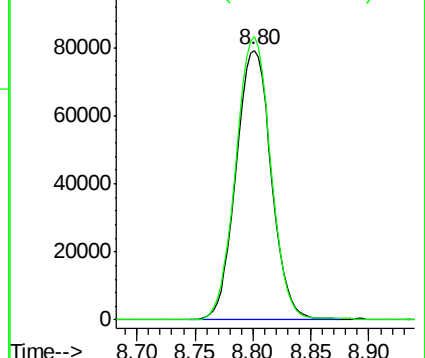
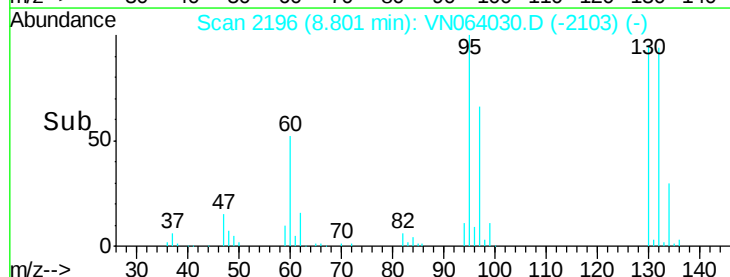
130 100

95 105.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN064030.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064030.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 52.555 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

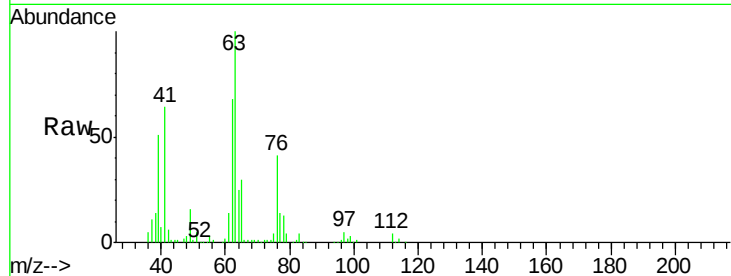
VSTDCCC050EC

Tgt Ion: 63 Resp: 189133

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN064030.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN064030.D (-2262) (-)

9.08

100000

80000

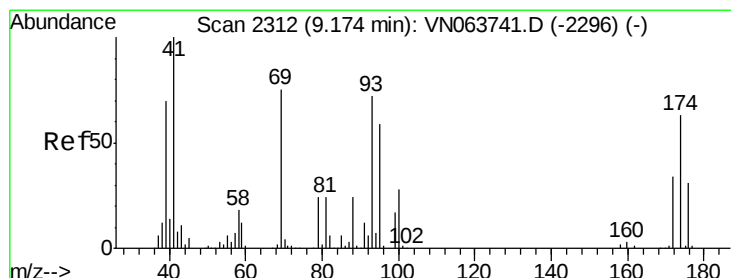
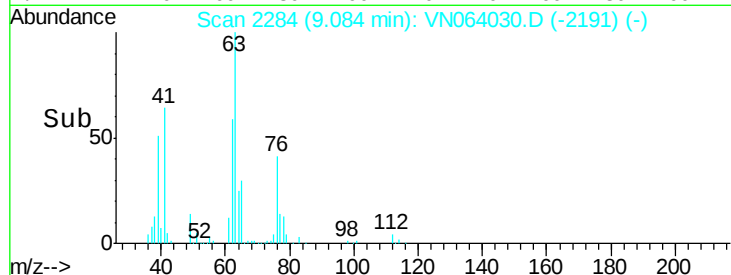
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 49.610 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

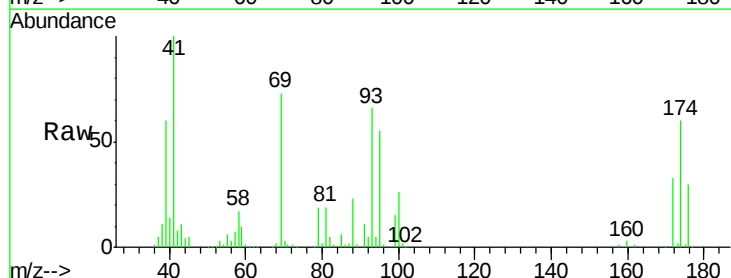
Tgt Ion: 93 Resp: 123163

Ion Ratio Lower Upper

93 100

95 82.6 66.3 99.5

174 94.1 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN064030.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN064030.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN064030.D (-2296) (-)

9.17

80000

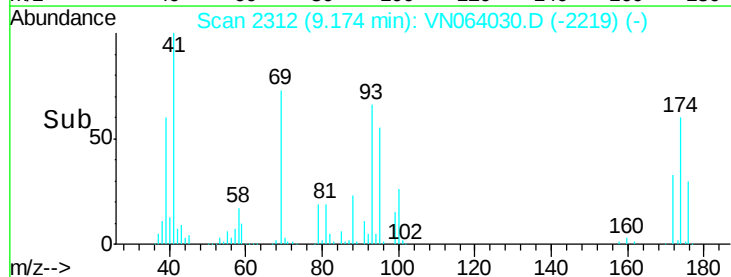
60000

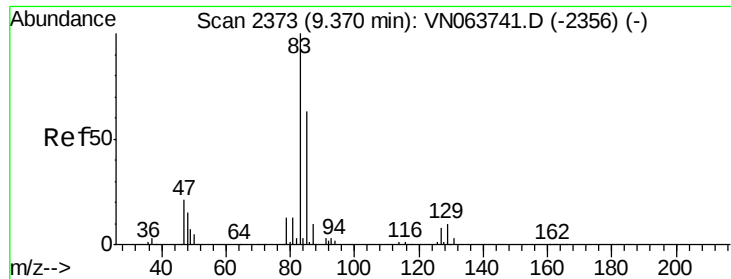
40000

20000

0

Time-->

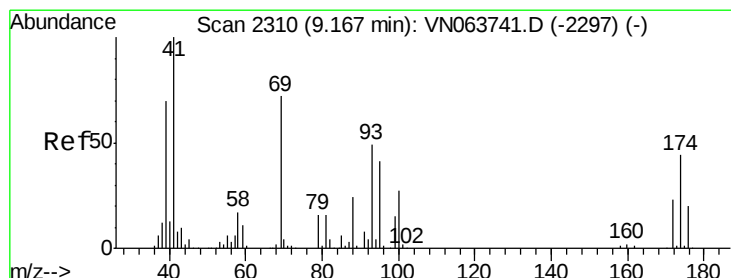
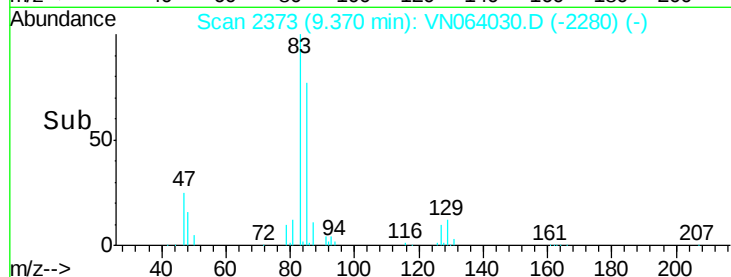
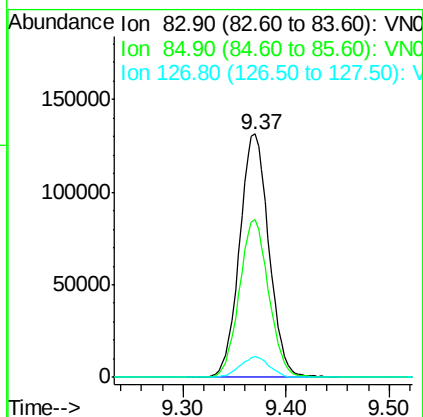
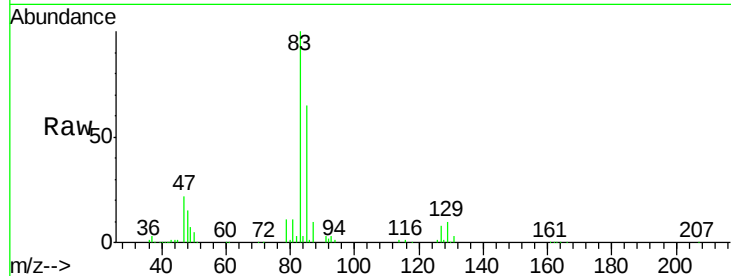




#47
 Bromodichloromethane
 Concen: 50.785 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

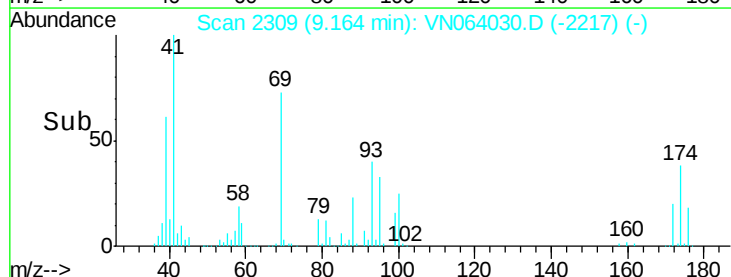
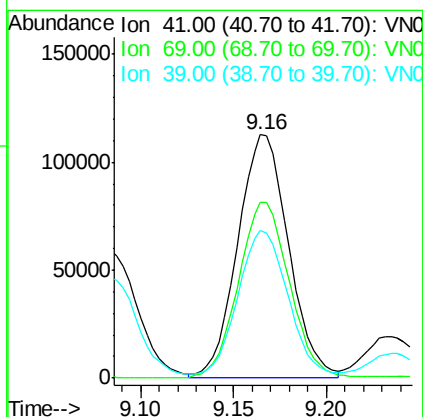
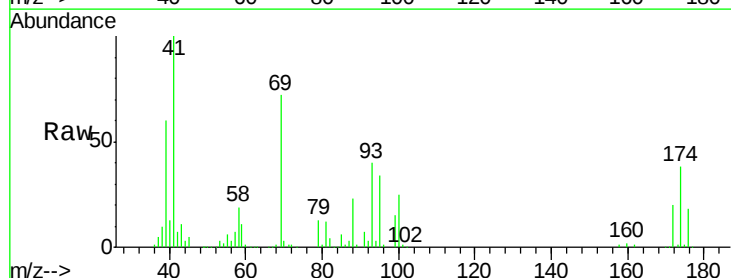
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

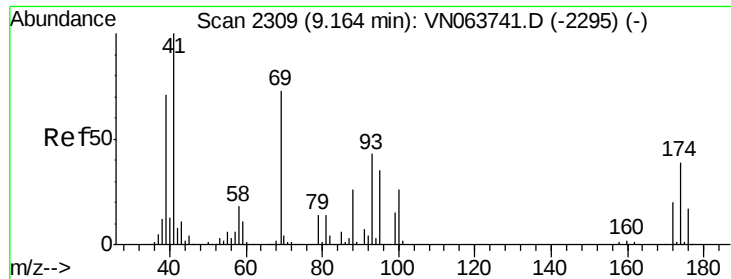
Tgt Ion: 83 Resp: 259845
 Ion Ratio Lower Upper
 83 100
 85 64.7 50.6 75.8
 127 8.4 6.6 9.8



#48
 Methyl methacrylate
 Concen: 56.704 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 41 Resp: 214190
 Ion Ratio Lower Upper
 41 100
 69 73.4 60.9 91.3
 39 60.3 57.5 86.3

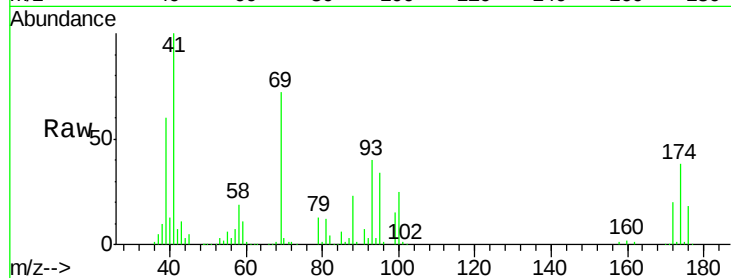




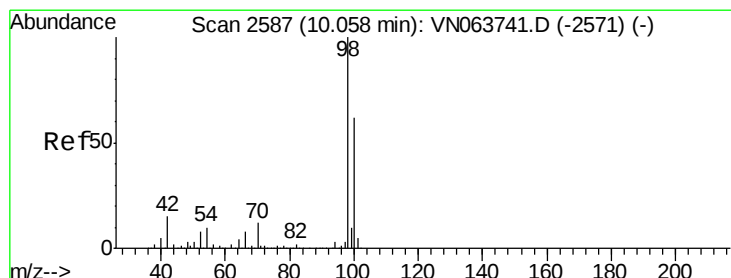
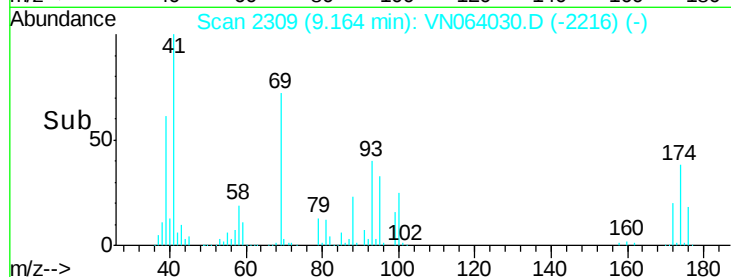
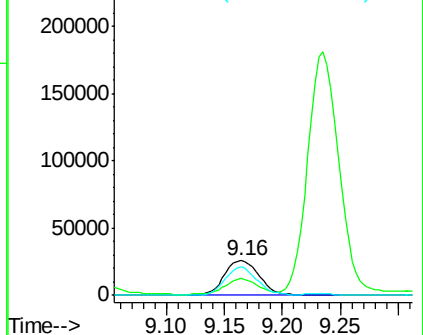
#49
 1,4-Dioxane
 Concen: 1023.379 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 54939
 Ion Ratio Lower Upper
 88 100
 43 41.9 33.1 49.7
 58 74.1 58.9 88.3

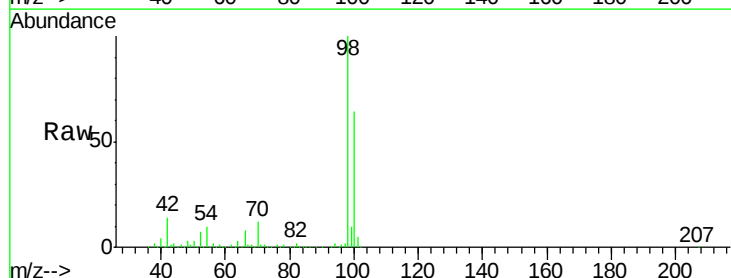


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

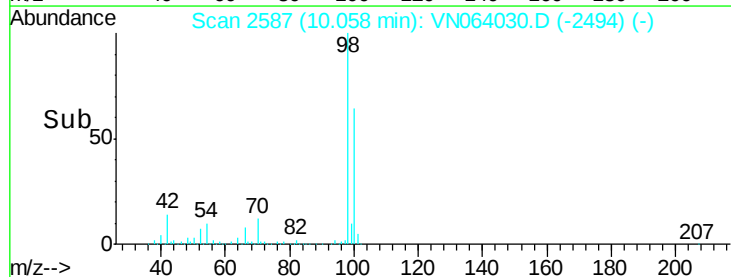
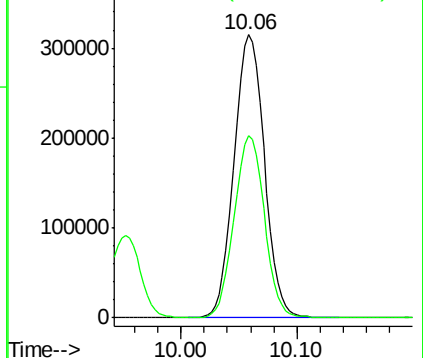


#50
 Toluene-d8
 Concen: 47.199 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 98 Resp: 571728
 Ion Ratio Lower Upper
 98 100
 100 63.6 49.8 74.6



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

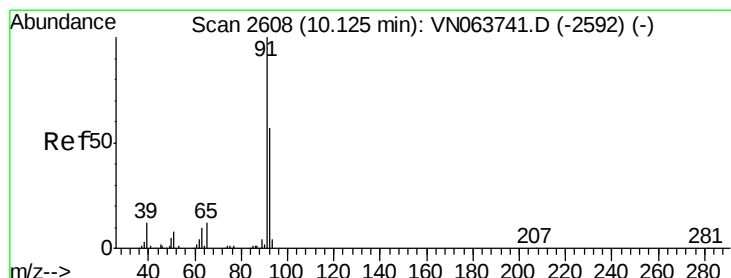
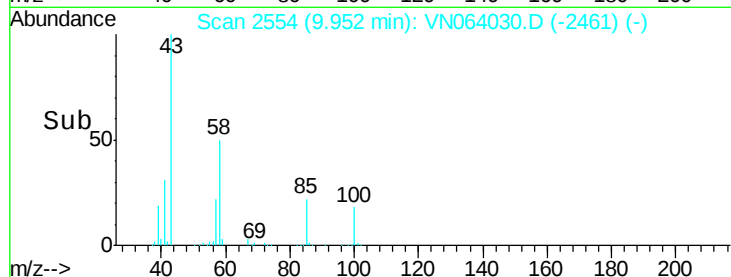
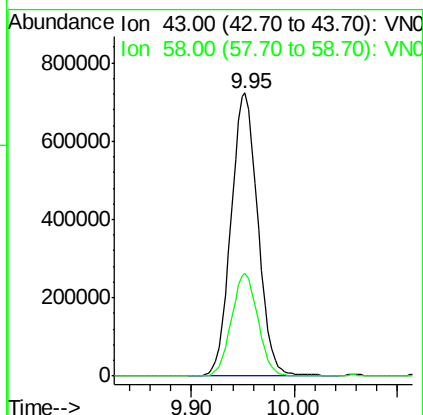
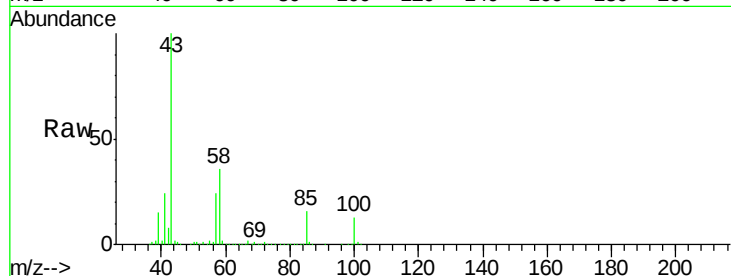




#51
 4-Methyl-2-Pentanone
 Concen: 291.632 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

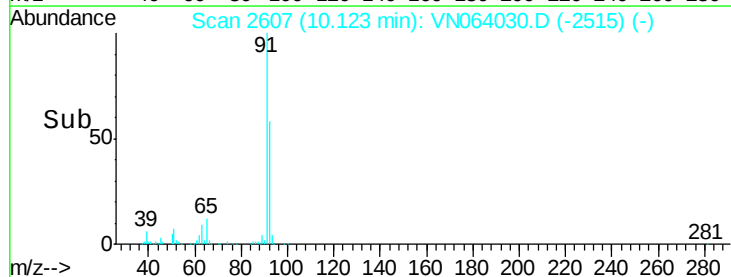
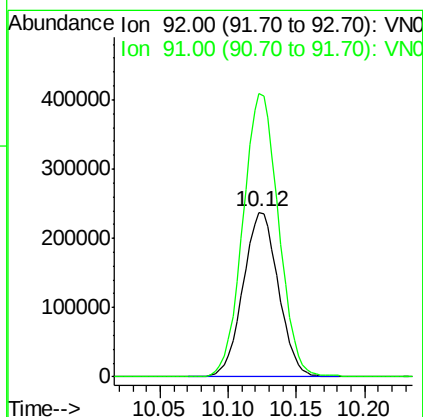
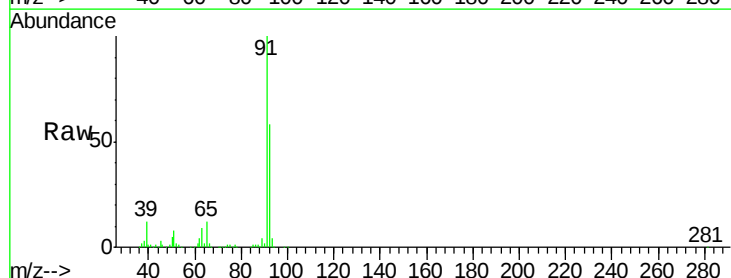
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

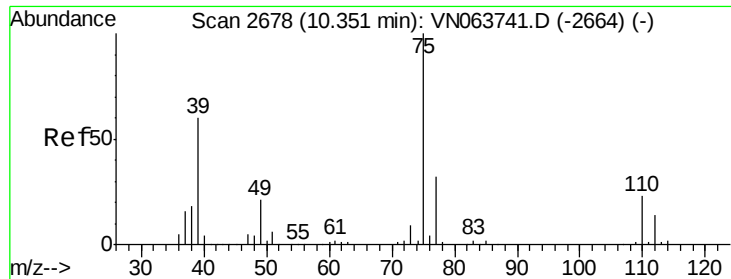
Tgt Ion: 43 Resp: 1308457
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.4 42.6



#52
 Toluene
 Concen: 51.836 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 92 Resp: 427248
 Ion Ratio Lower Upper
 92 100
 91 173.2 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 48.077 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

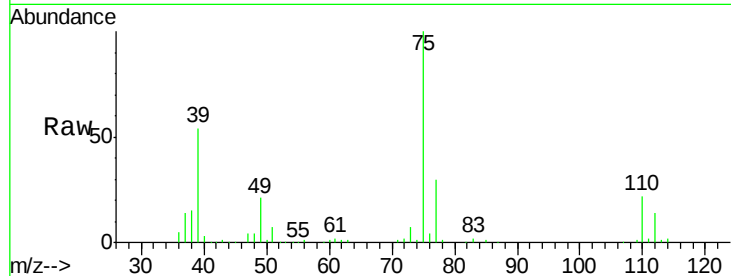
VSTDCCC050EC

Tgt Ion: 75 Resp: 263682

Ion Ratio Lower Upper

75 100

77 30.0 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

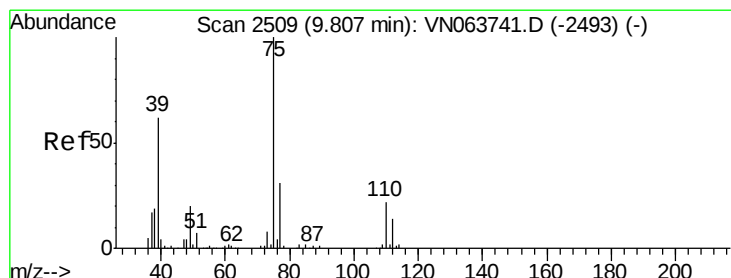
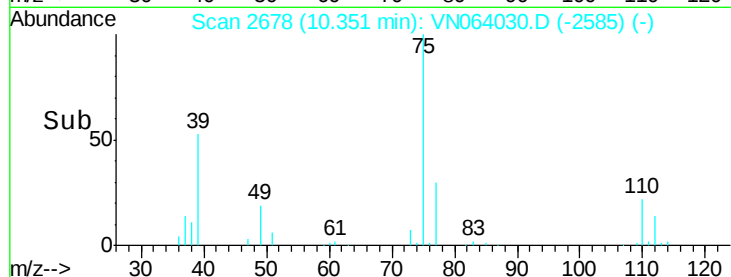
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.978 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

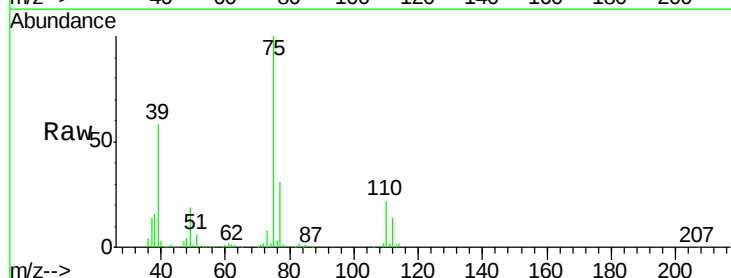
Tgt Ion: 75 Resp: 280935

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 57.4 49.7 74.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

200000

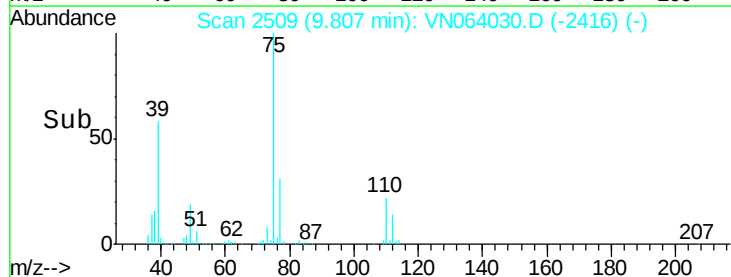
150000

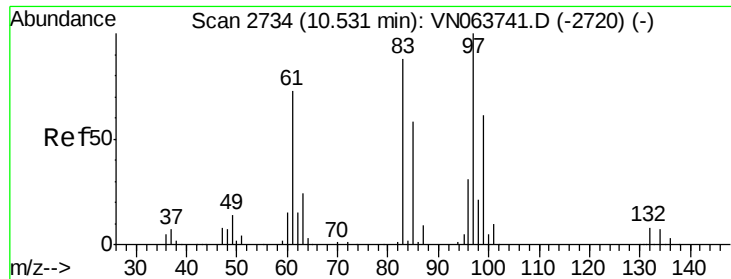
100000

50000

0

Time-->

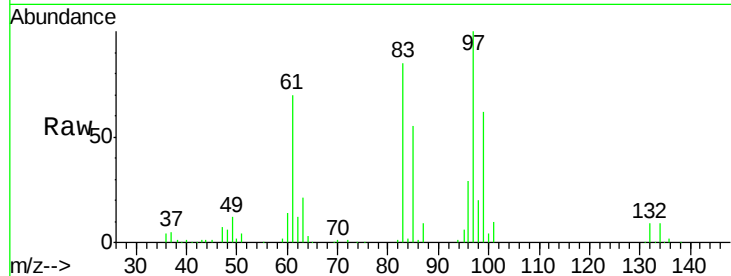




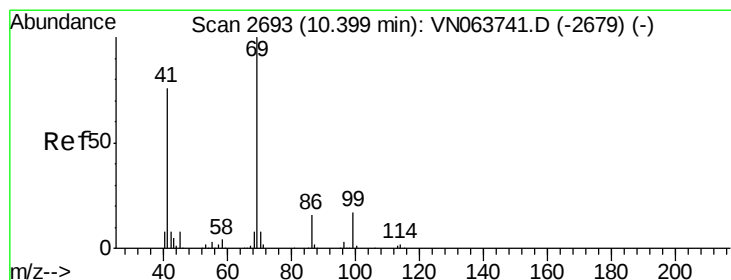
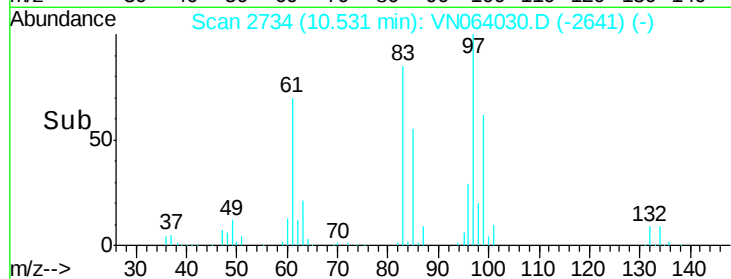
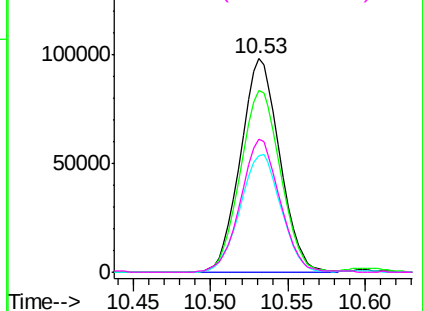
#55
 1,1,2-Trichloroethane
 Concen: 52.507 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 173558
 Ion Ratio Lower Upper
 97 100
 83 84.8 70.7 106.1
 85 54.8 46.1 69.1
 99 61.9 48.8 73.2

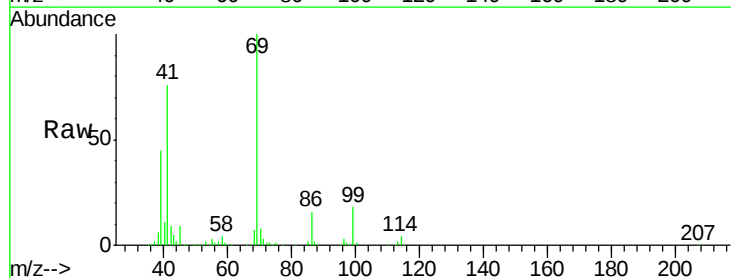


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

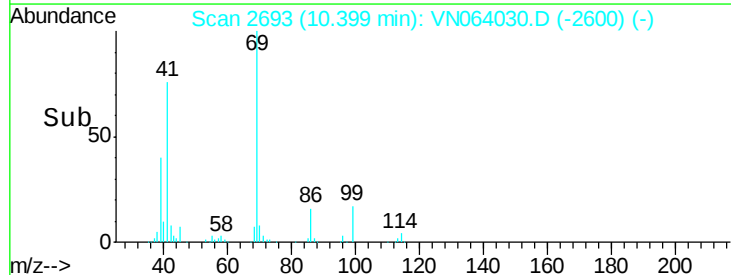
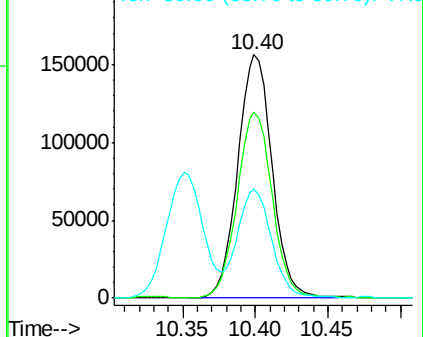


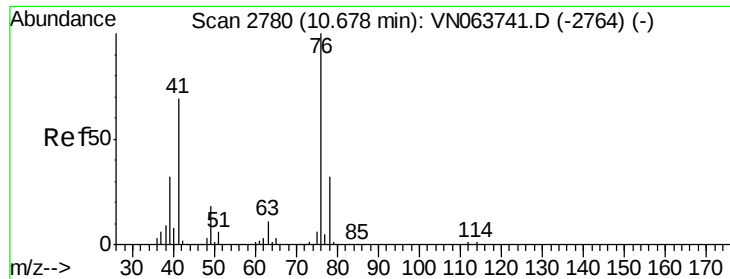
#56
 Ethyl methacrylate
 Concen: 55.041 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 69 Resp: 257884
 Ion Ratio Lower Upper
 69 100
 41 77.2 61.1 91.7
 39 44.3 42.2 63.4



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





#57

1,3-Dichloropropane

Concen: 53.278 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

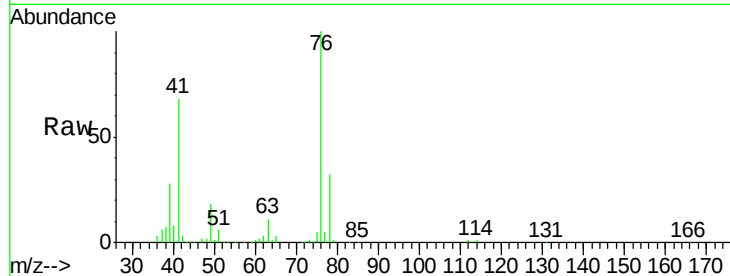
VSTDCCC050EC

Tgt Ion: 76 Resp: 297942

Ion Ratio Lower Upper

76 100

78 32.8 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN064030.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN064030.D (-2687) (-)

10.68

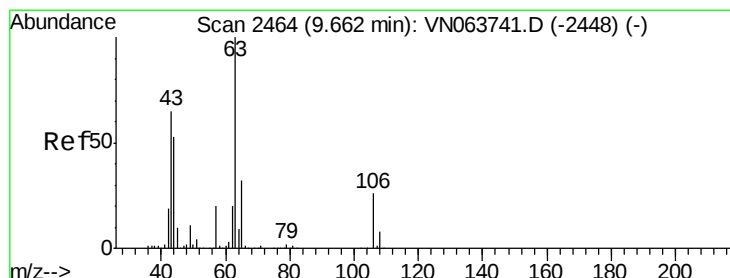
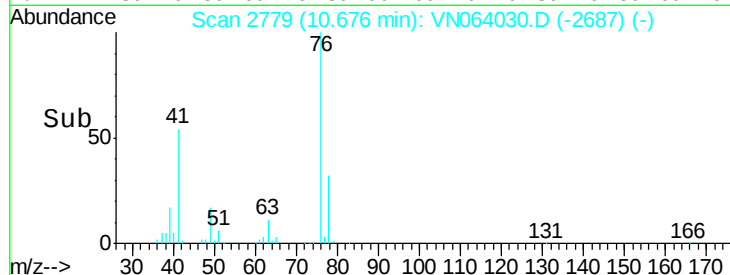
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 277.178 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064030.D

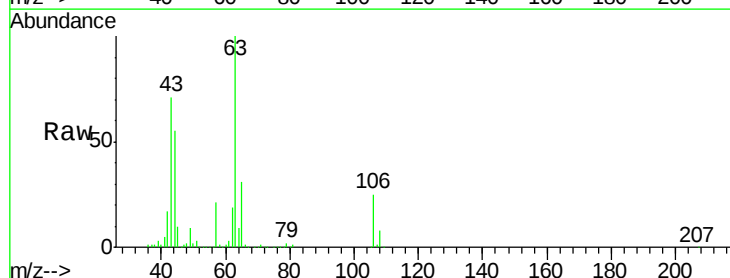
Acq: 9 Oct 2020 8:52

Tgt Ion: 63 Resp: 694669

Ion Ratio Lower Upper

63 100

106 25.3 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN064030.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064030.D (-2371) (-)

9.66

400000

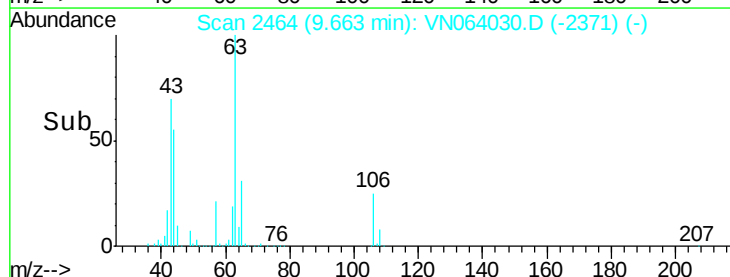
300000

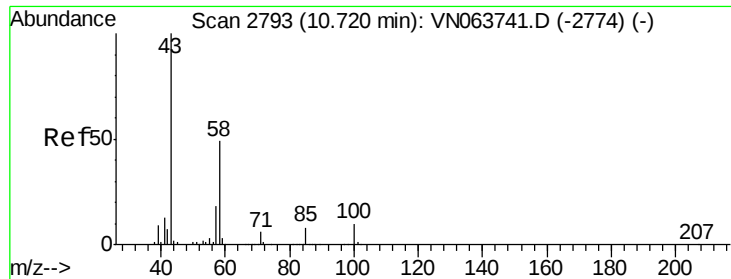
200000

100000

0

Time-->

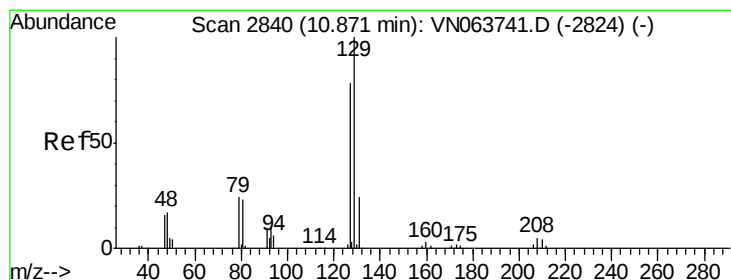
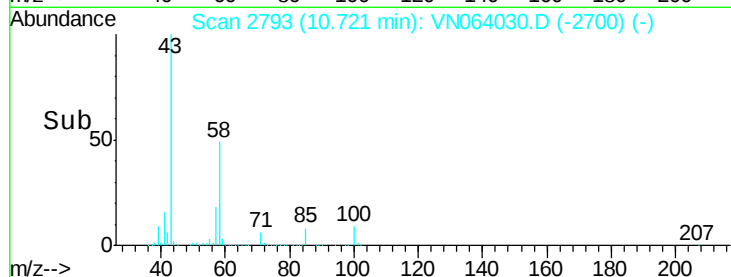
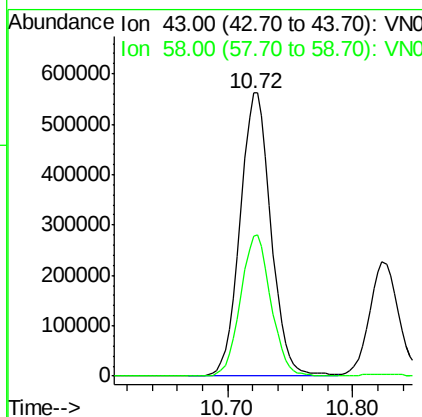
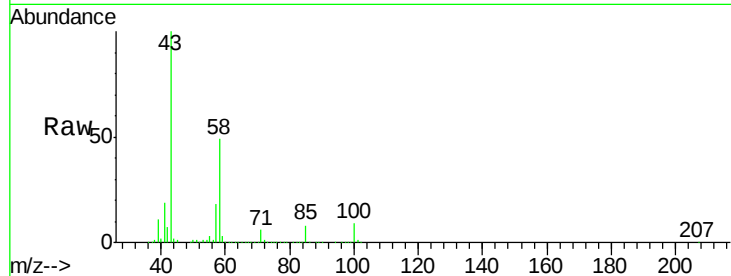




#59
2-Hexanone
Concen: 287.740 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

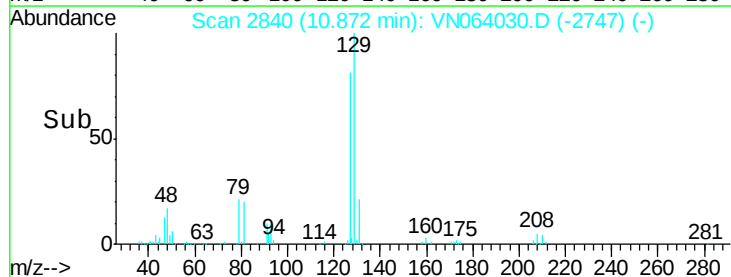
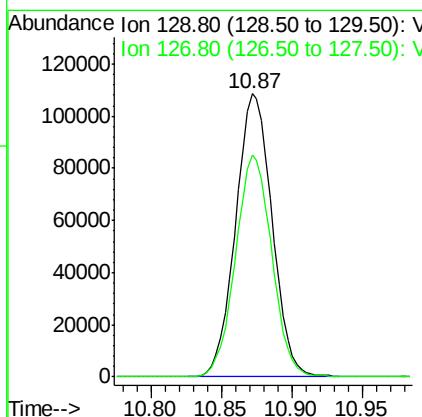
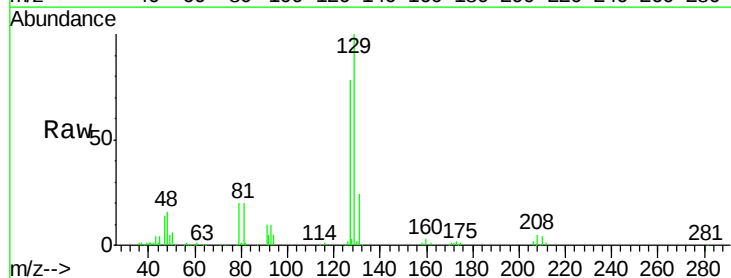
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

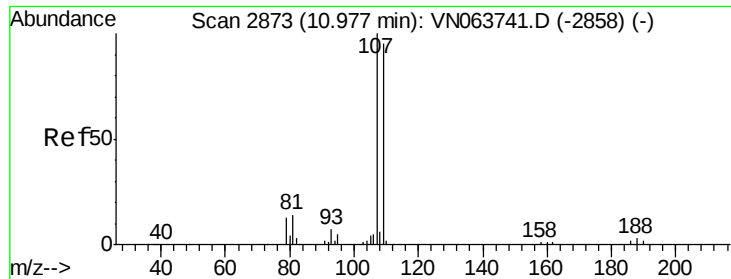
Tgt Ion: 43 Resp: 959031
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.8



#60
Dibromochloromethane
Concen: 51.207 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion: 129 Resp: 197120
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

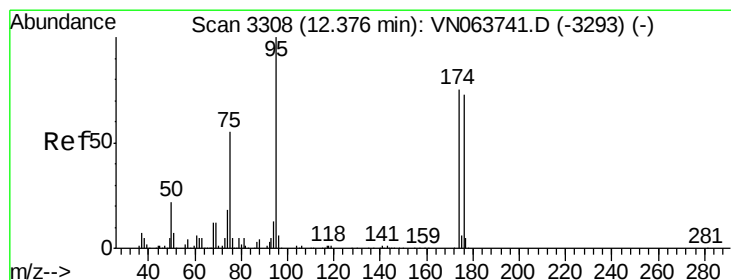
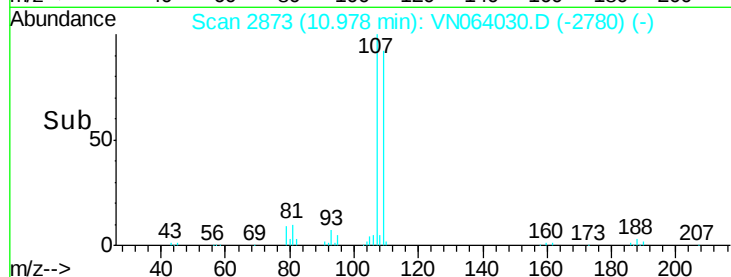
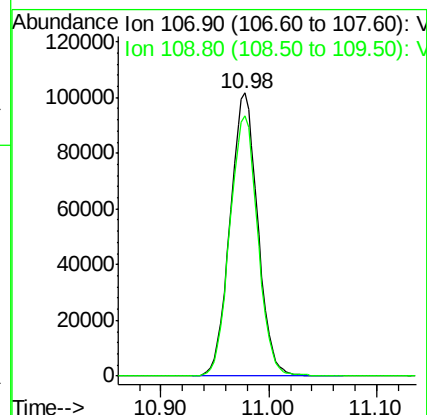
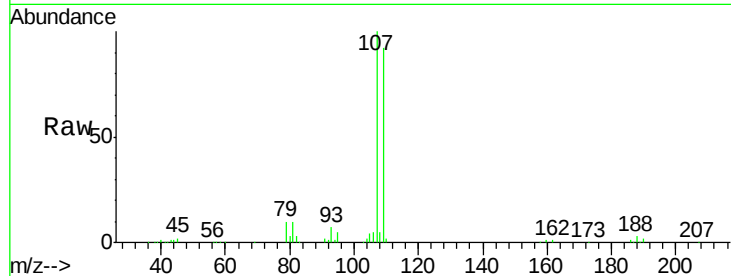




#61
 1,2-Dibromoethane
 Concen: 53.617 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

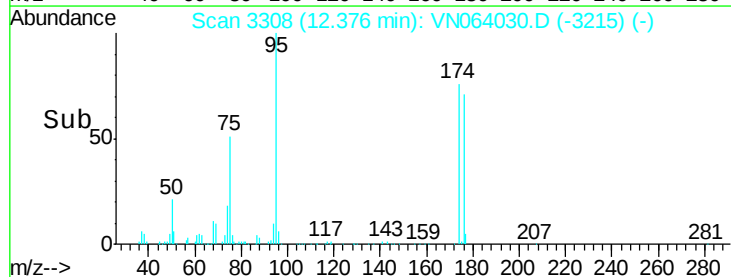
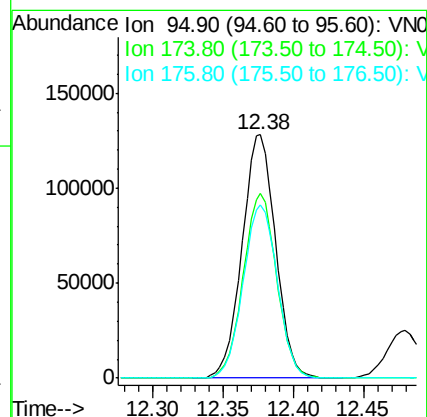
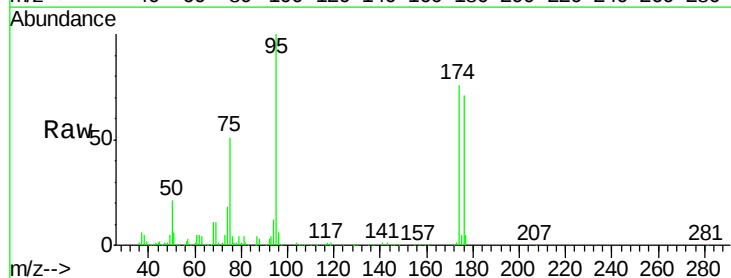
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

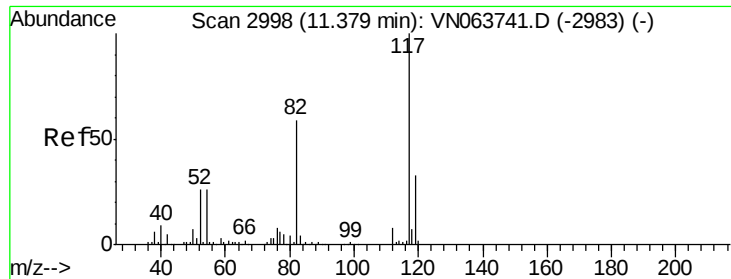
Tgt Ion: 107 Resp: 181291
 Ion Ratio Lower Upper
 107 100
 109 93.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.927 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 95 Resp: 213681
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 150.6
 176 72.7 0.0 145.4

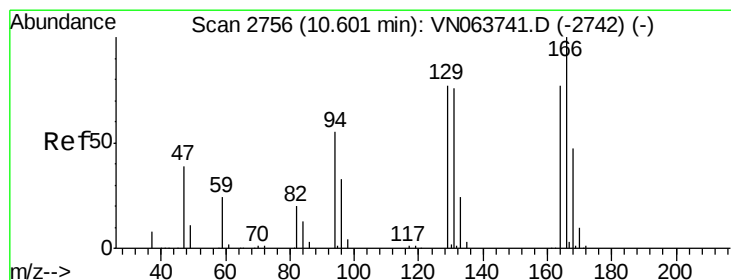
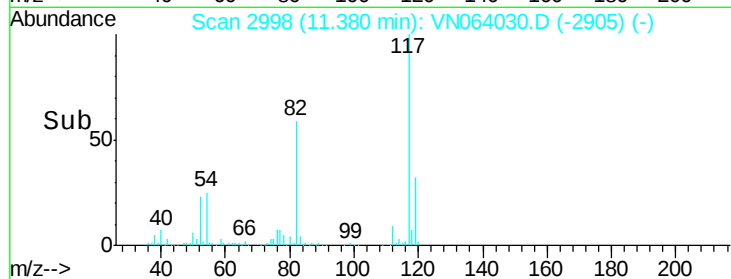
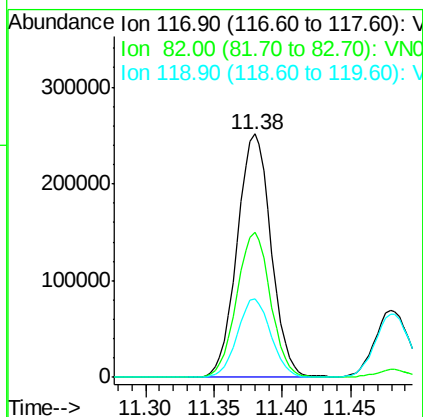
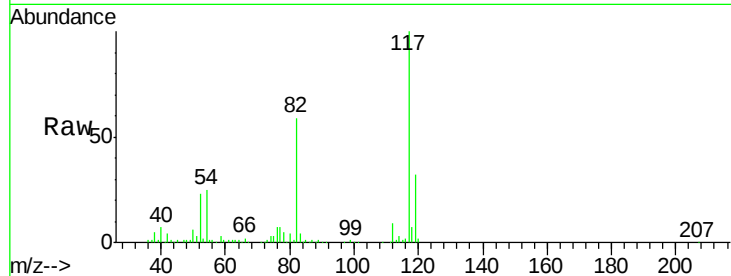




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

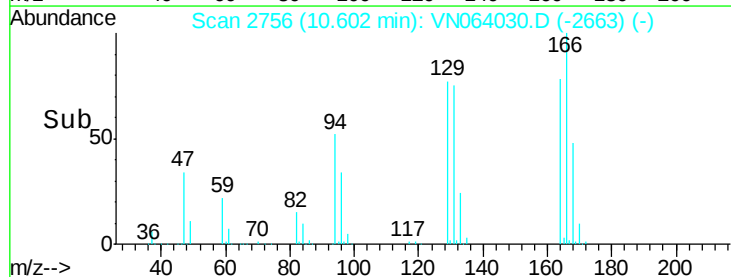
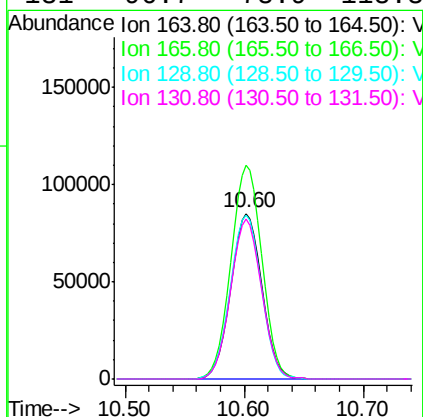
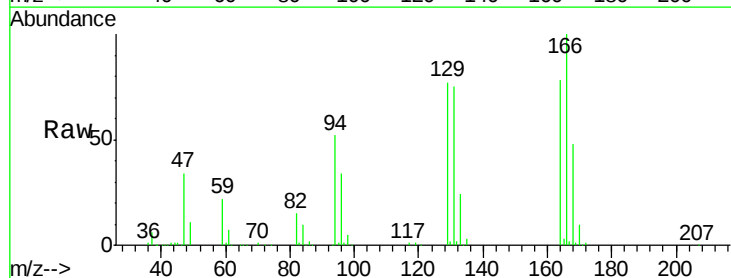
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

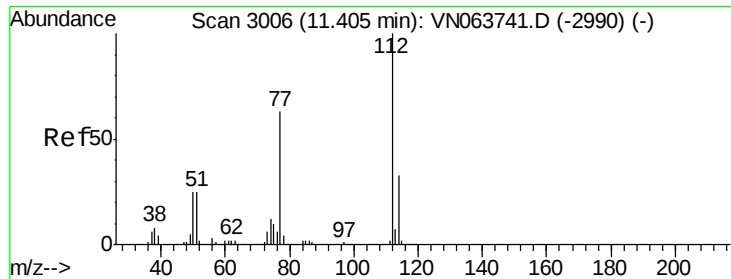
Tgt Ion:117 Resp: 435476
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.2 26.4 39.6



#64
Tetrachloroethene
Concen: 45.617 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion:164 Resp: 153689
Ion Ratio Lower Upper
164 100
166 128.9 103.9 155.9
129 98.8 80.3 120.5
131 96.7 78.9 118.3

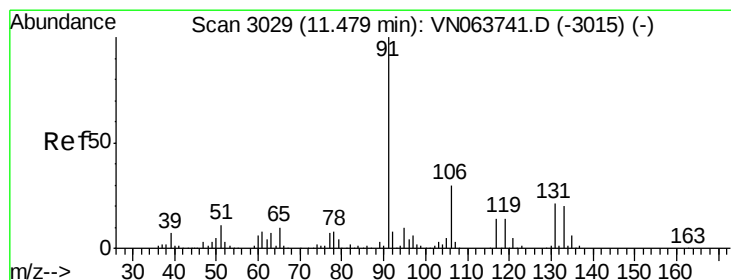
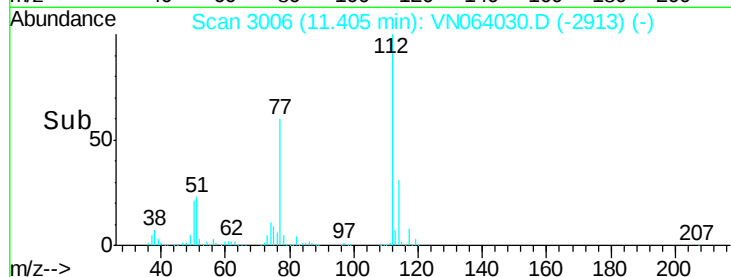
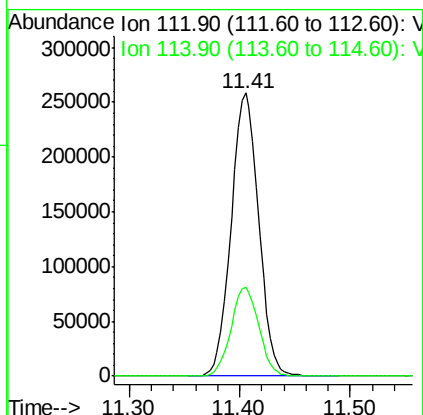
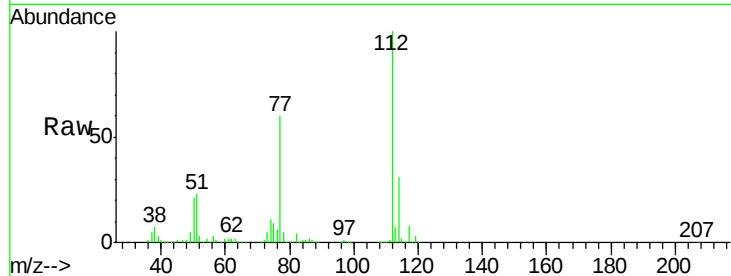




#65
Chlorobenzene
Concen: 50.056 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

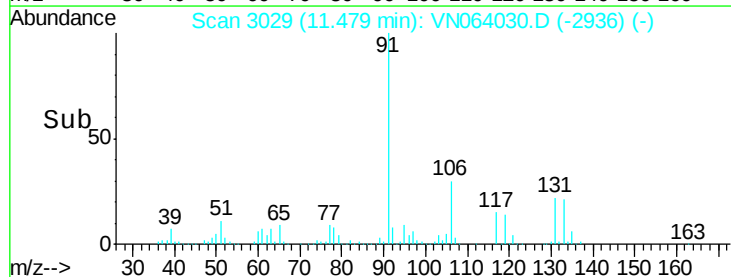
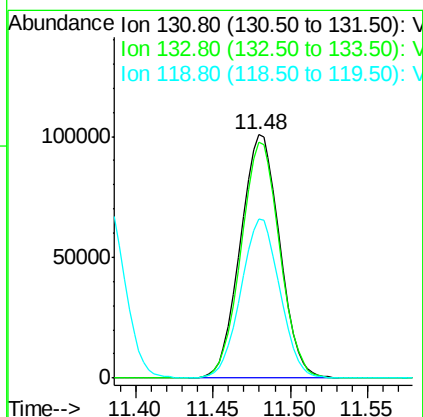
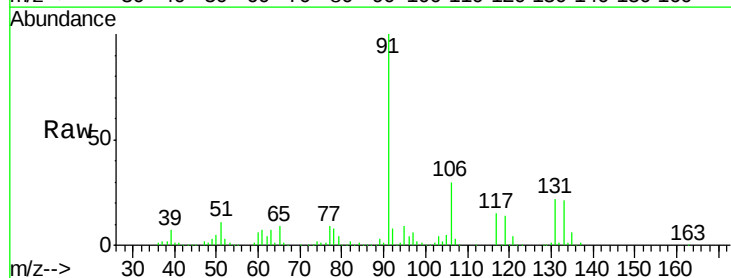
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

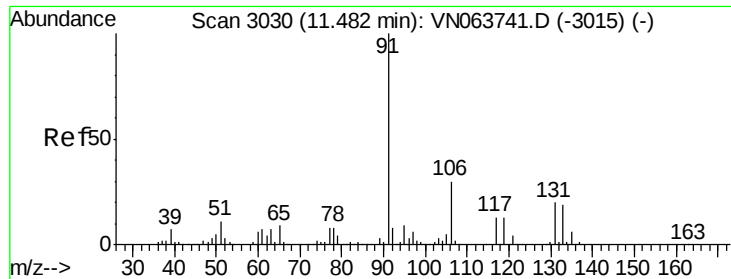
Tgt Ion:112 Resp: 447146
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.064 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion:131 Resp: 178301
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.8
119 64.6 32.6 97.7

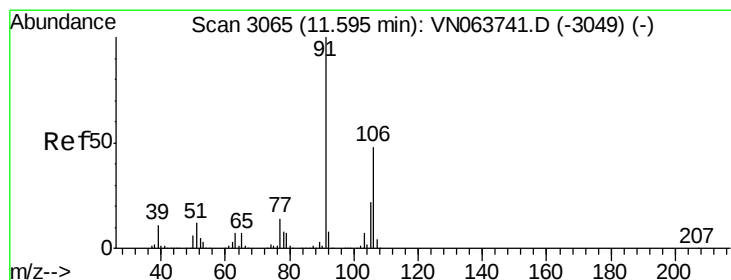
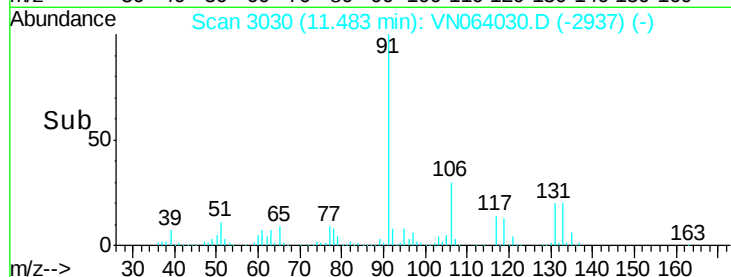
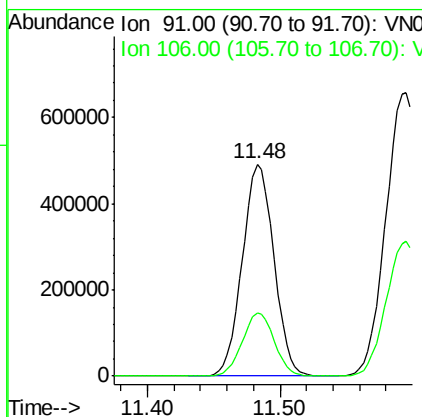
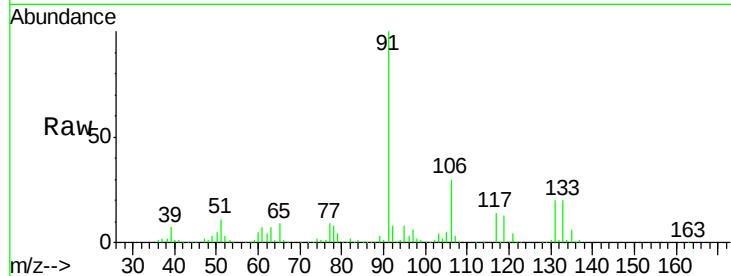




#67
Ethyl Benzene
Concen: 50.185 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

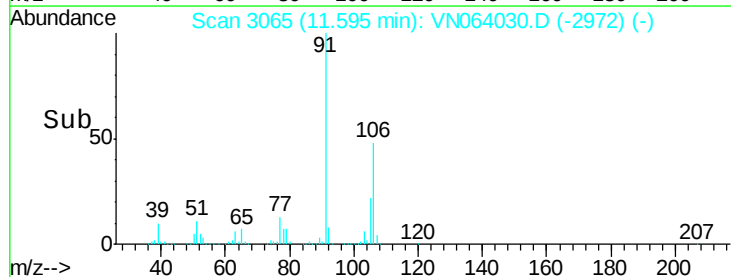
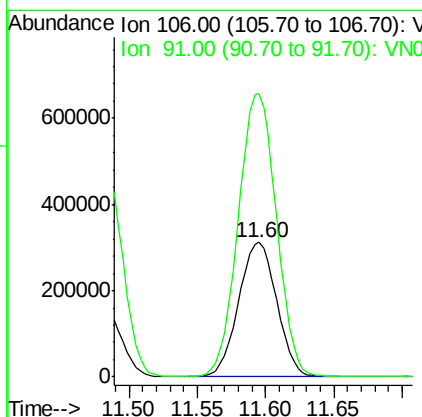
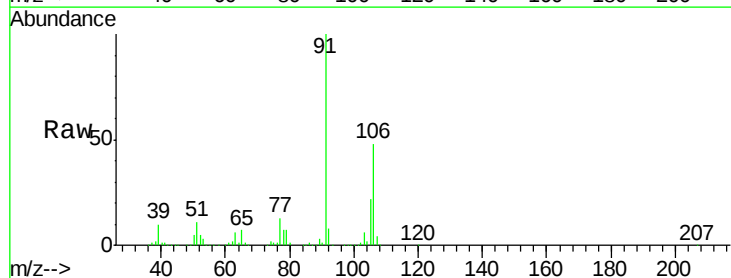
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

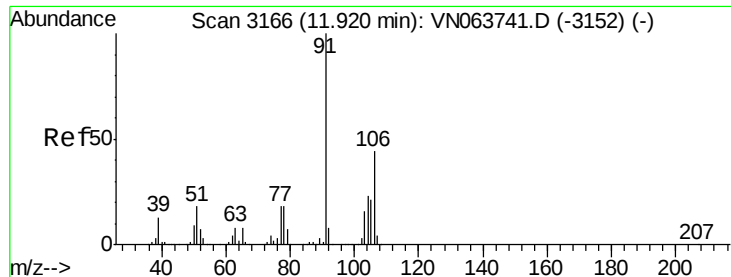
Tgt Ion: 91 Resp: 815744
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2



#68
m/p-Xylenes
Concen: 99.897 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion: 106 Resp: 605188
Ion Ratio Lower Upper
106 100
91 210.8 168.0 252.0

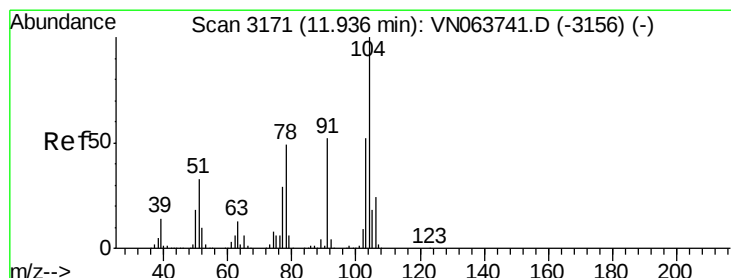
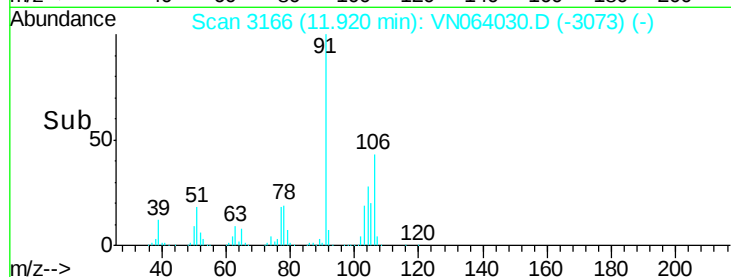
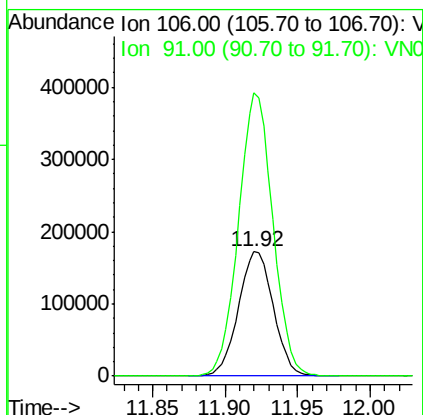
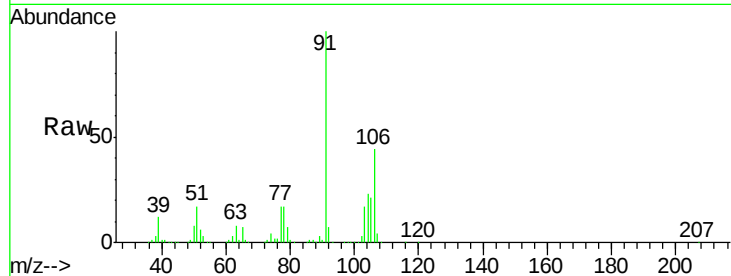




#69
o-Xylene
Concen: 51.071 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

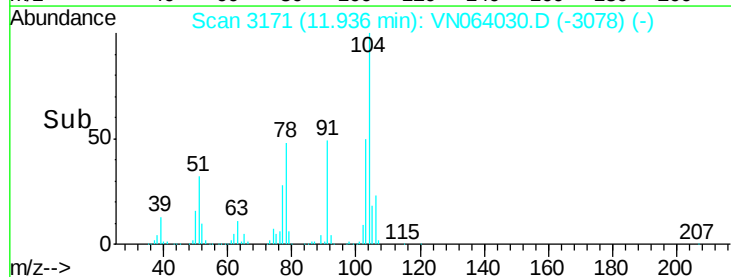
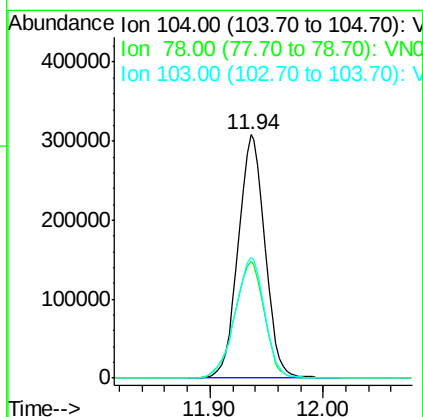
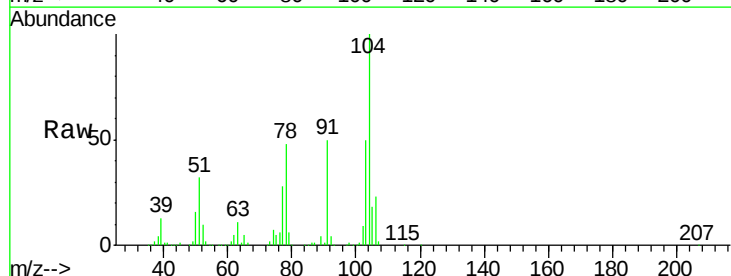
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 289183
Ion Ratio Lower Upper
106 100
91 223.2 112.7 338.0



#70
Styrene
Concen: 52.861 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion:104 Resp: 508078
Ion Ratio Lower Upper
104 100
78 53.0 44.1 66.1
103 54.7 44.3 66.5

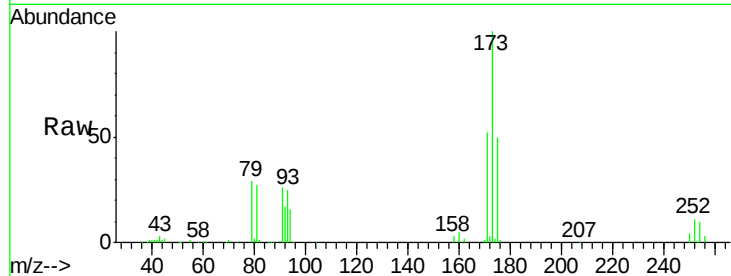




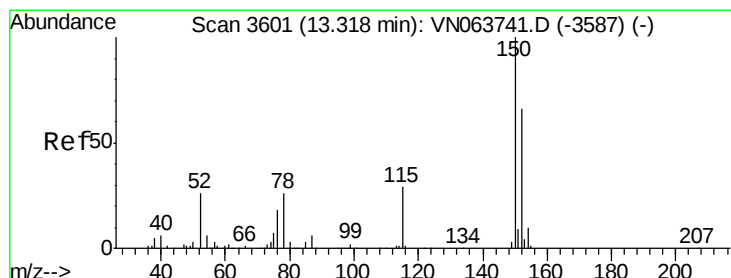
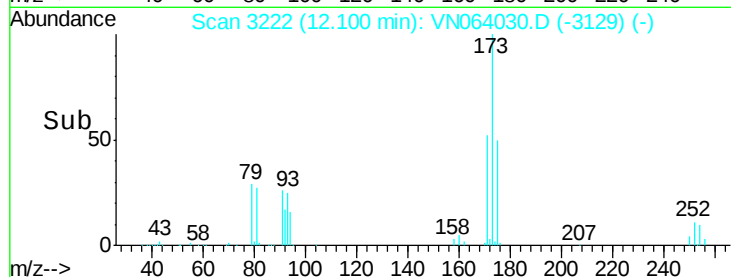
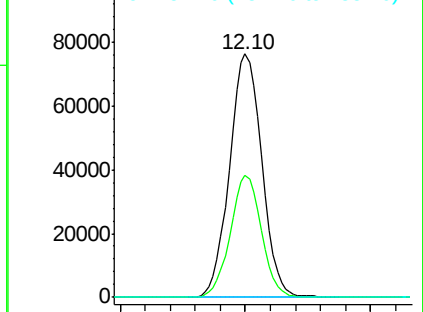
#71
Bromoform
Concen: 52.145 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 136579
Ion Ratio Lower Upper
173 100
175 48.1 23.5 70.5
254 0.0 0.0 0.0#

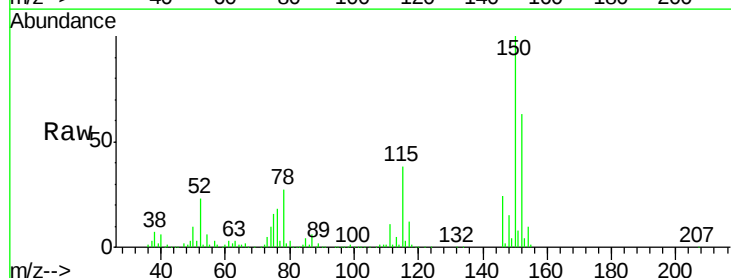


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

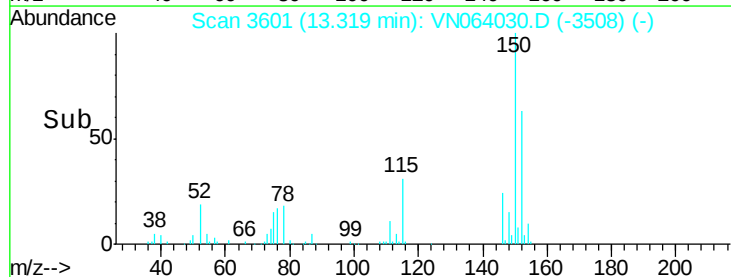
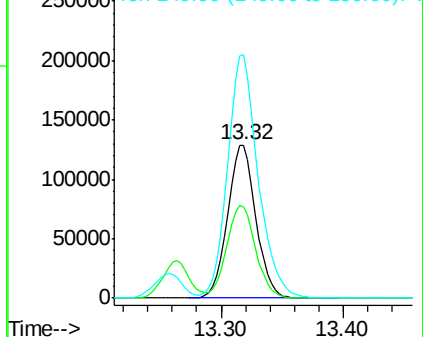


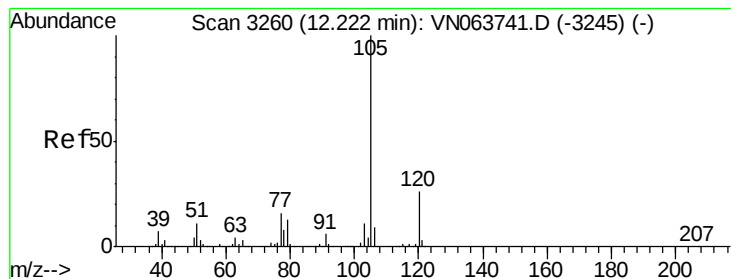
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion:152 Resp: 207994
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.8
150 171.6 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.809 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

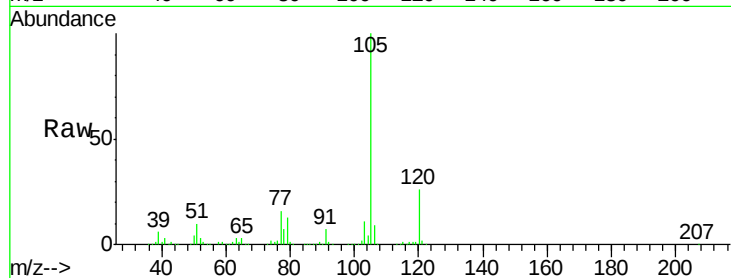
VSTDCCC050EC

Tgt Ion: 105 Resp: 770815

Ion Ratio Lower Upper

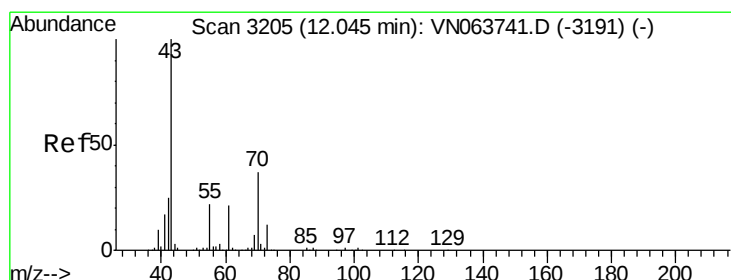
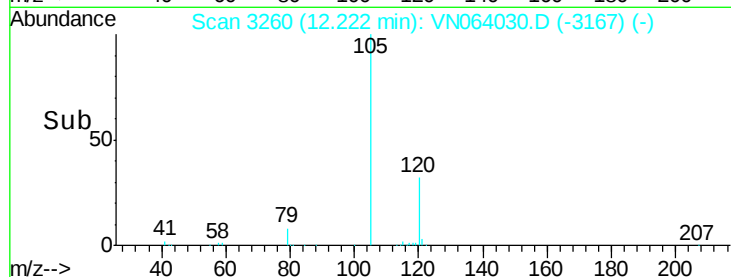
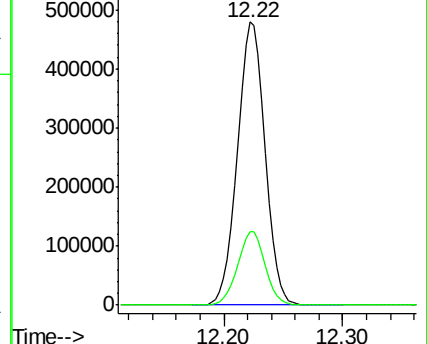
105 100

120 25.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.007 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Tgt Ion: 43 Resp: 374743

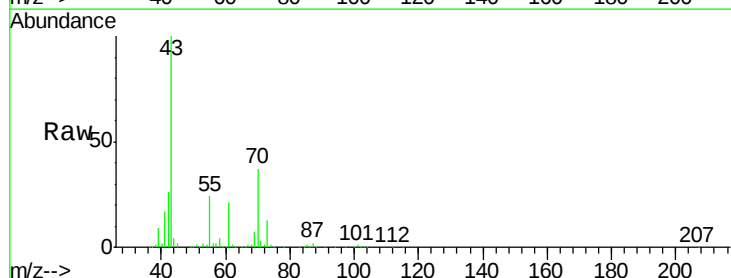
Ion Ratio Lower Upper

43 100

70 37.0 29.8 44.8

55 23.8 17.9 26.9

61 21.0 17.0 25.4

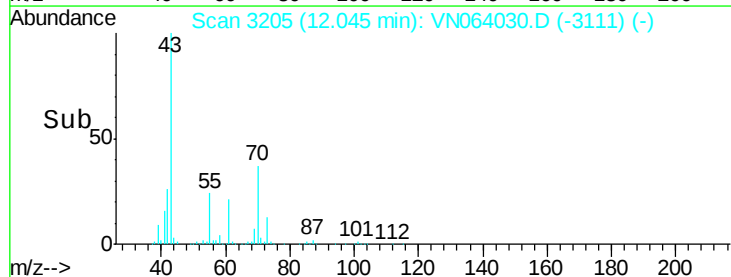
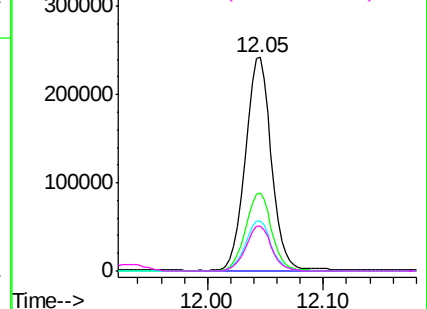


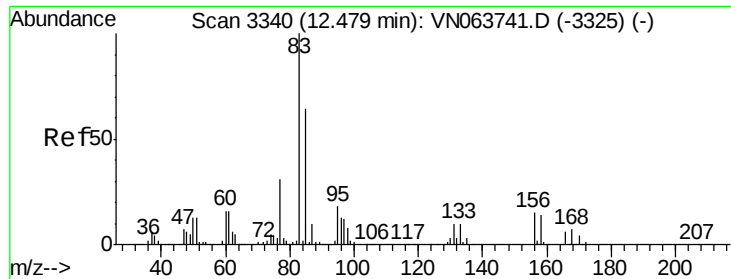
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.445 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

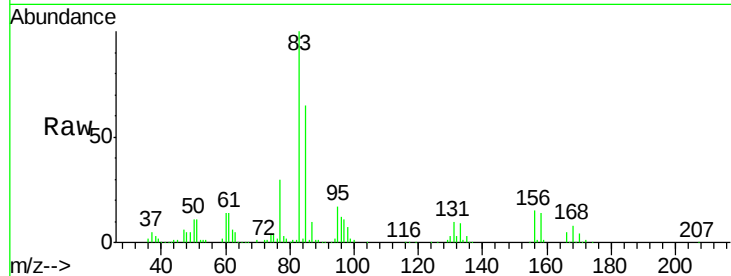
Tgt Ion: 83 Resp: 252577

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

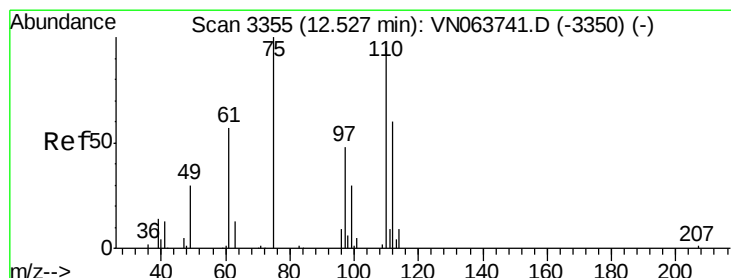
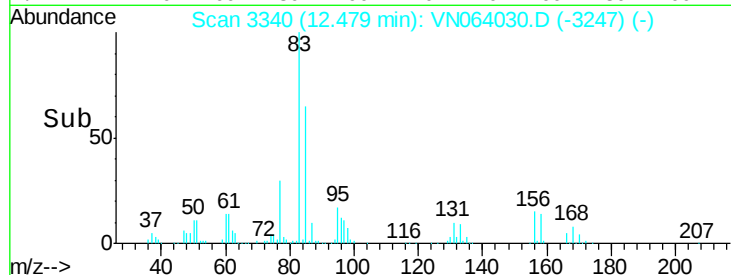
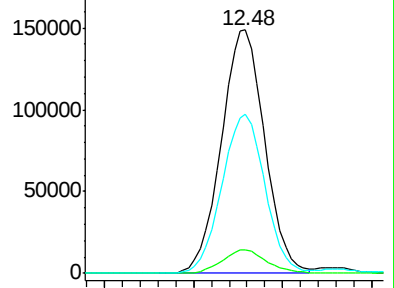
85 65.2 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN064030.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064030.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064030.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 72.120 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064030.D

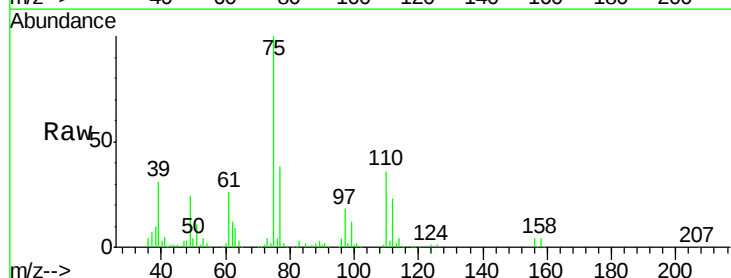
Acq: 9 Oct 2020 8:52

Tgt Ion: 75 Resp: 330671

Ion Ratio Lower Upper

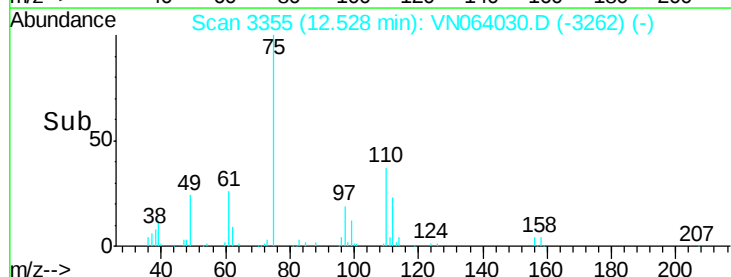
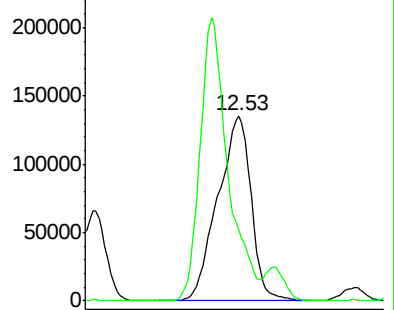
75 100

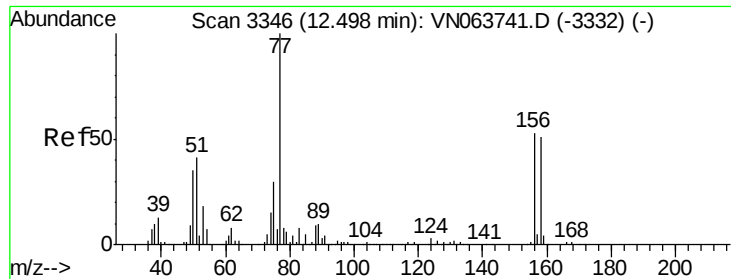
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064030.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064030.D (-3262) (-)

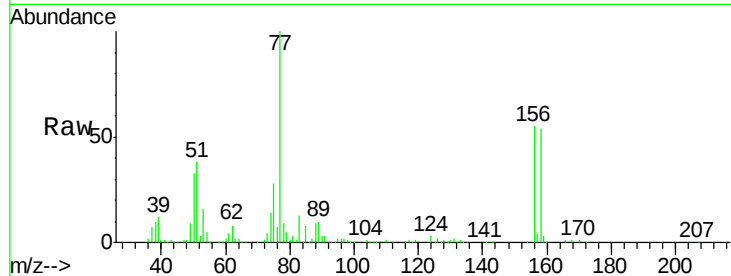




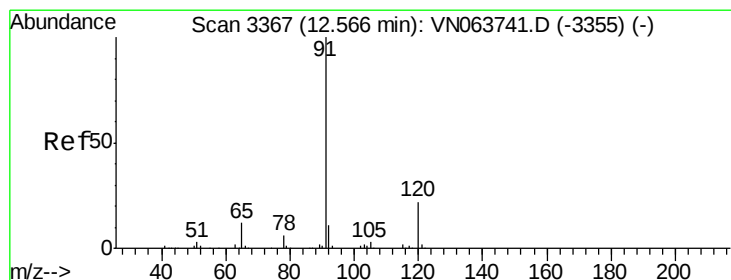
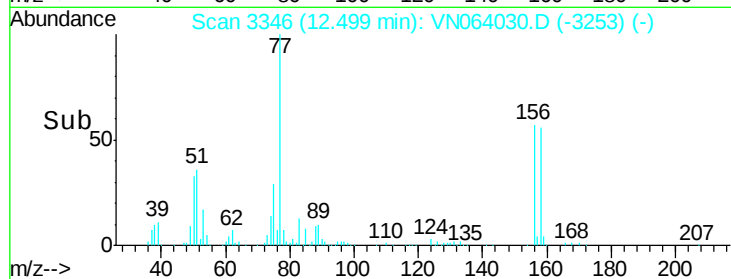
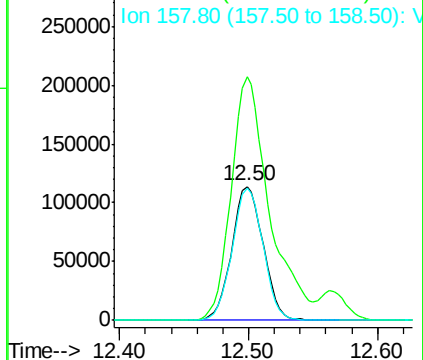
#77
Bromobenzene
Concen: 51.777 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 192745
Ion Ratio Lower Upper
156 100
77 220.6 110.9 332.7
158 97.3 47.7 143.1

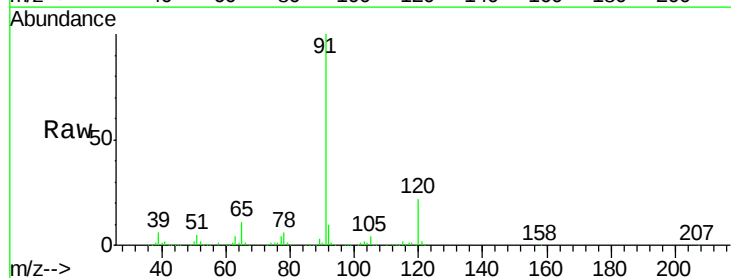


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

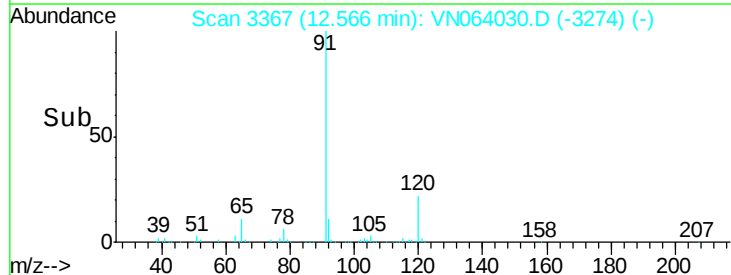
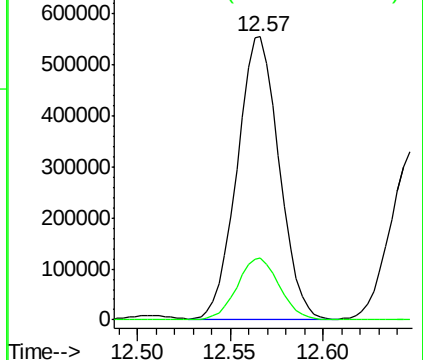


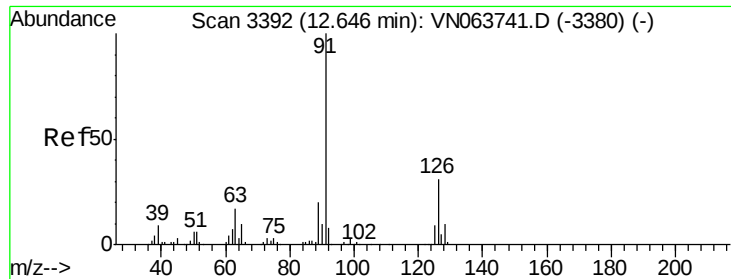
#78
n-propylbenzene
Concen: 49.140 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion: 91 Resp: 867609
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1



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





#79

2-Chlorotoluene

Concen: 50.165 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

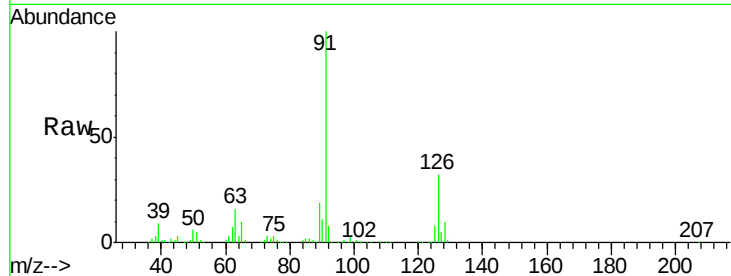
VSTDCCC050EC

Tgt Ion: 91 Resp: 544722

Ion Ratio Lower Upper

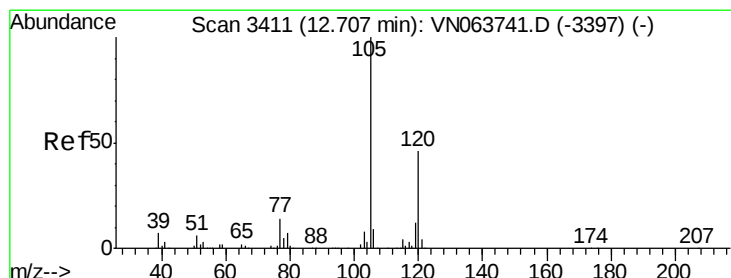
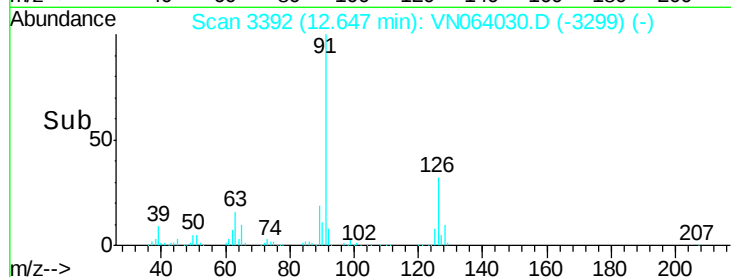
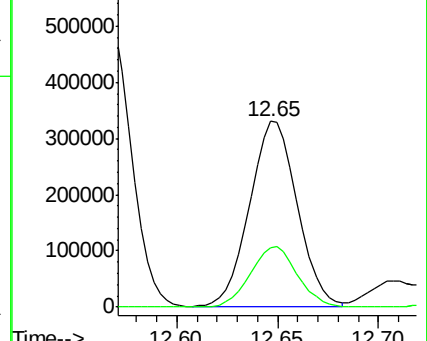
91 100

126 32.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.859 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064030.D

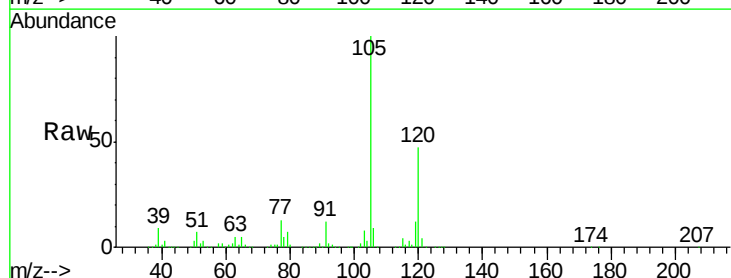
Acq: 9 Oct 2020 8:52

Tgt Ion: 105 Resp: 647311

Ion Ratio Lower Upper

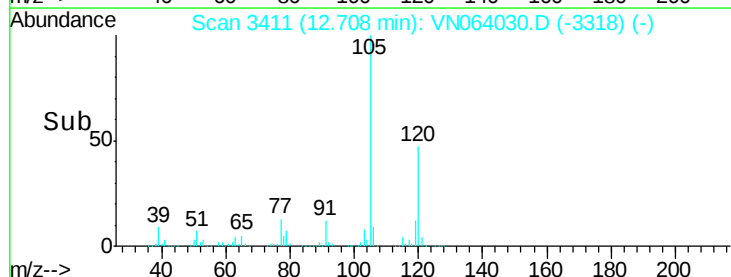
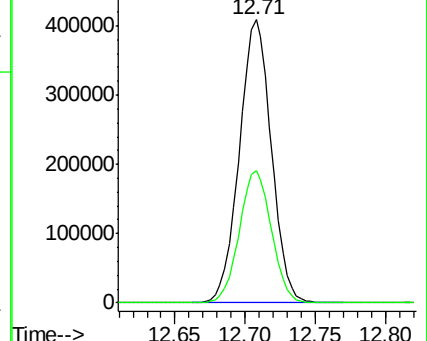
105 100

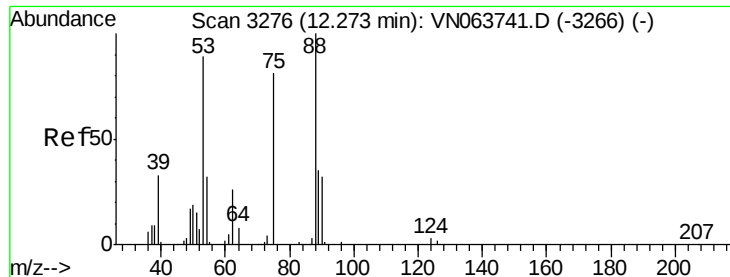
120 47.2 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.186 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064030.D

Acq: 9 Oct 2020 8:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

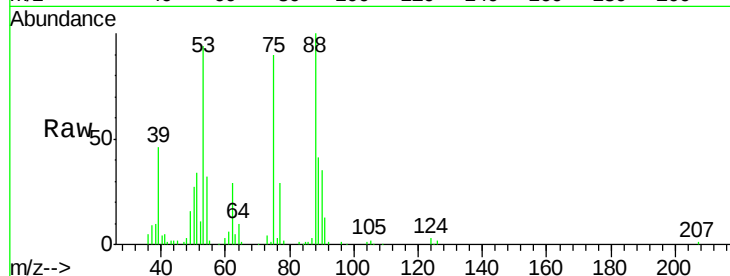
Tgt Ion: 75 Resp: 78300

Ion Ratio Lower Upper

75 100

53 105.1 88.2 132.2

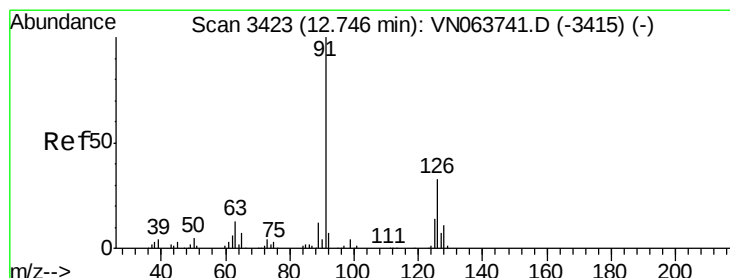
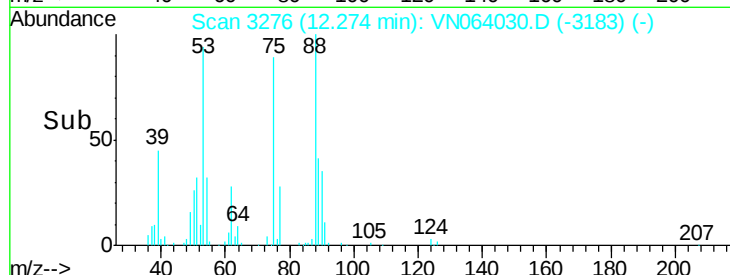
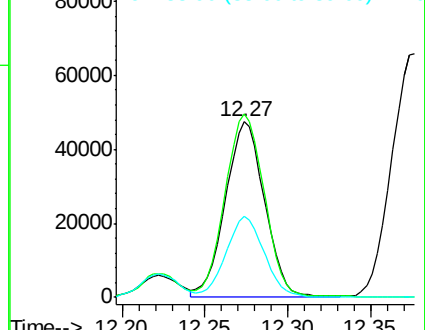
89 44.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.368 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064030.D

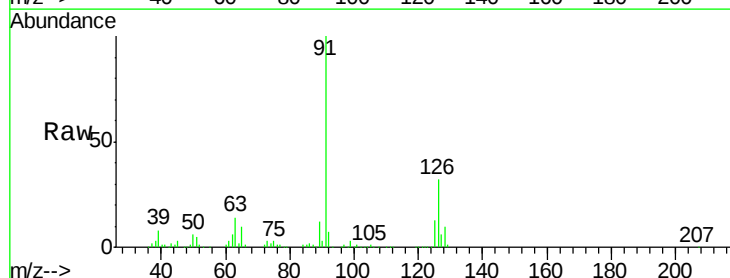
Acq: 9 Oct 2020 8:52

Tgt Ion: 91 Resp: 567773

Ion Ratio Lower Upper

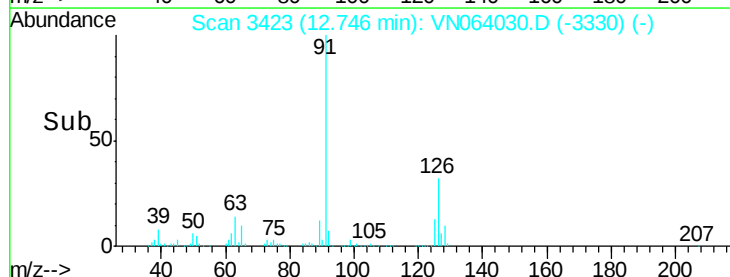
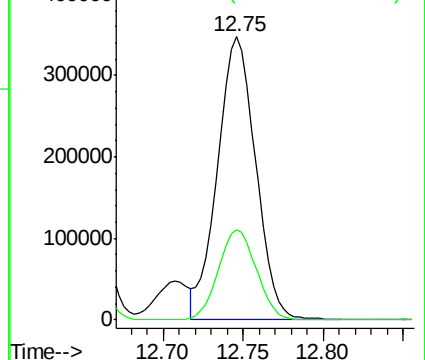
91 100

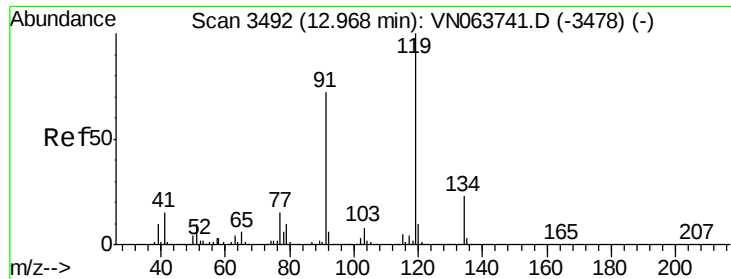
126 31.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

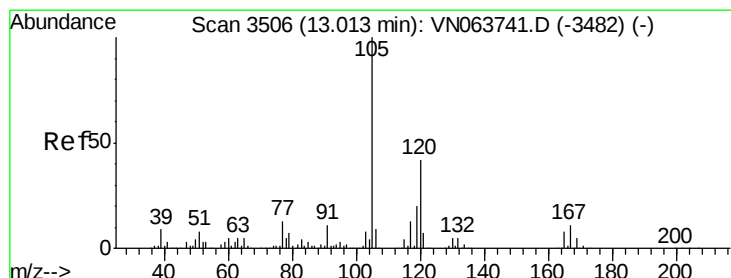
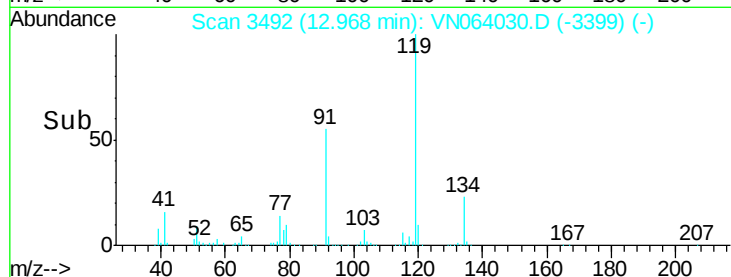
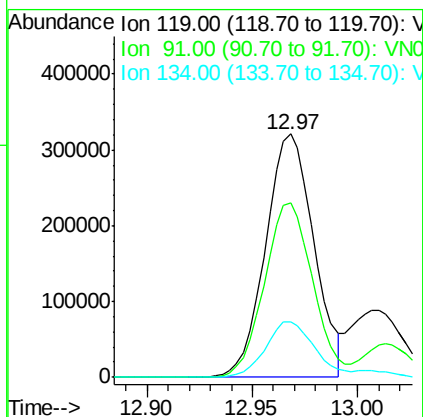
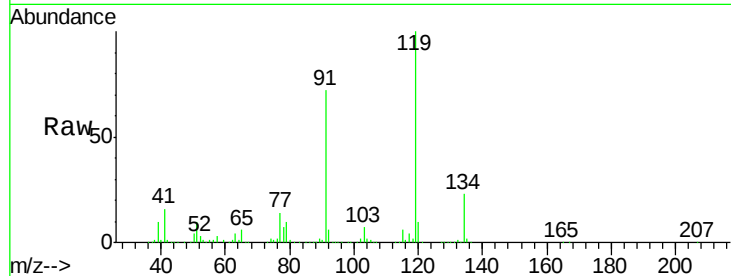




#83
 tert-Butylbenzene
 Concen: 49.108 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

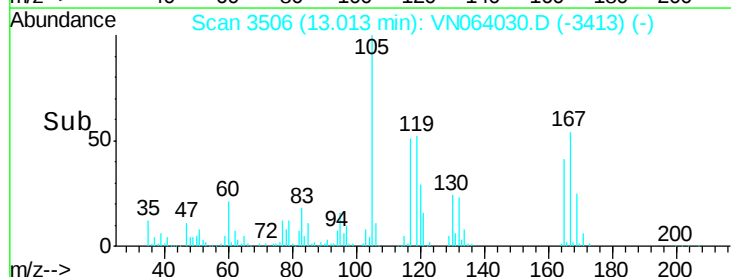
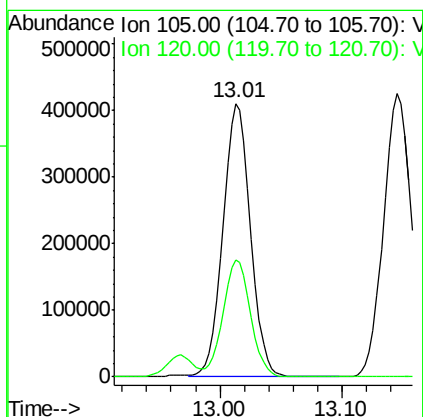
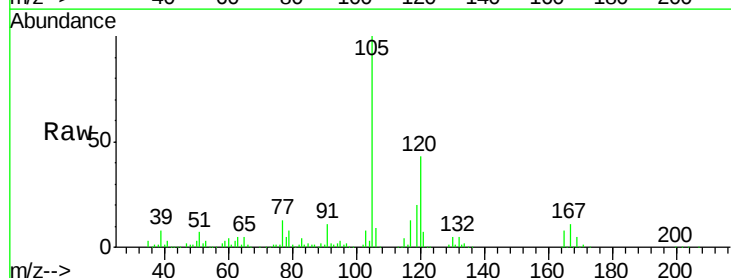
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

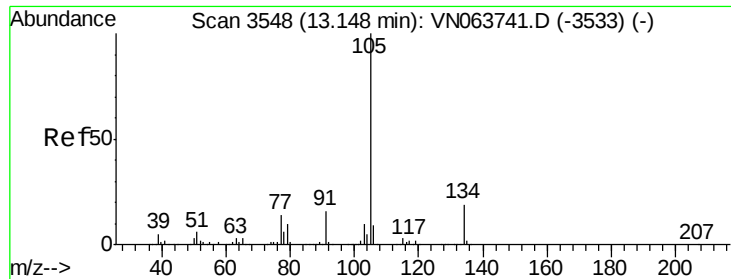
Tgt Ion:119 Resp: 511263
 Ion Ratio Lower Upper
 119 100
 91 72.1 35.5 106.5
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.029 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion:105 Resp: 648439
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.9 62.7

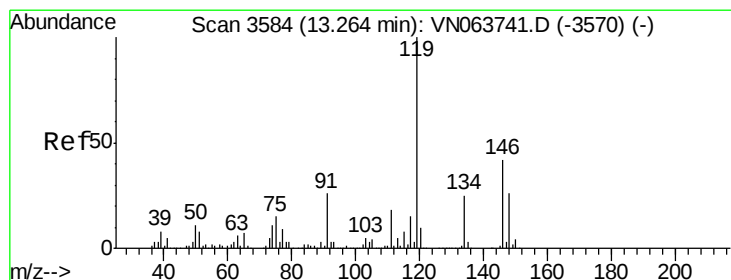
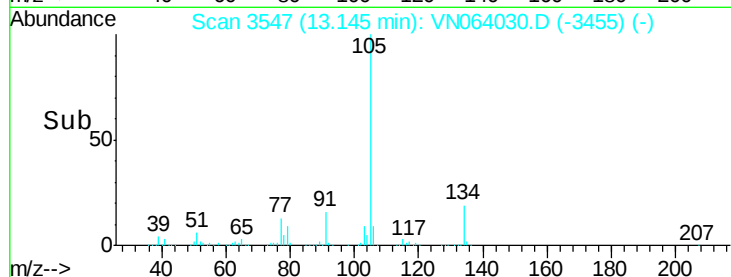
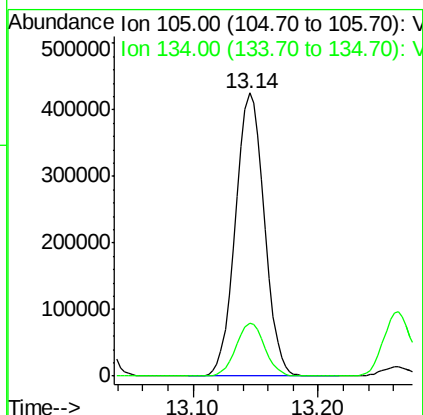
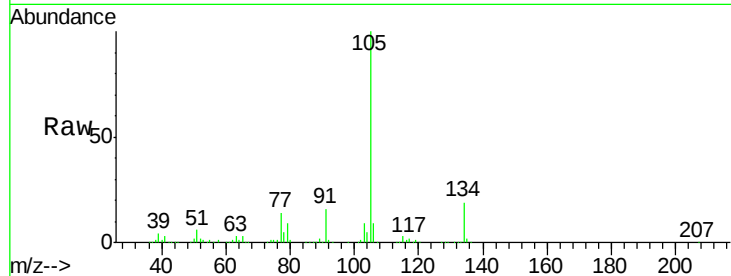




#85
 sec-Butylbenzene
 Concen: 49.594 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

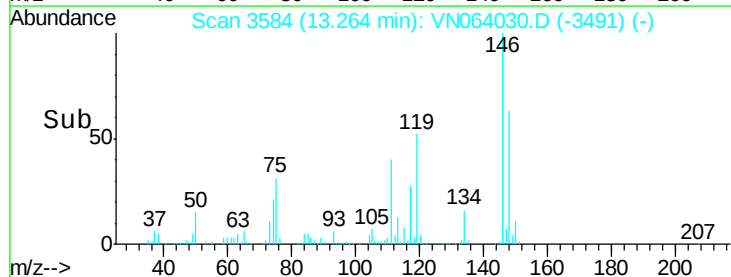
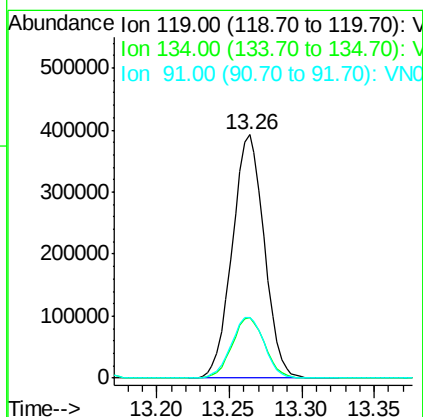
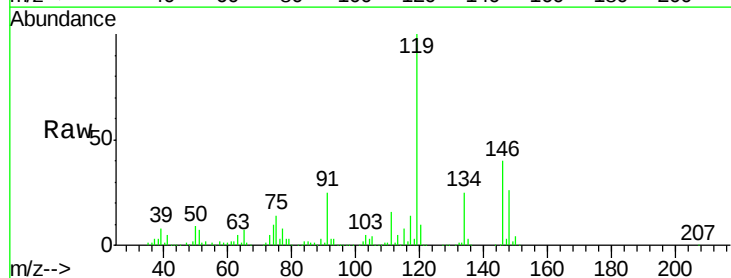
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 678156
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 49.430 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion:119 Resp: 597953
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 25.7 13.4 40.2

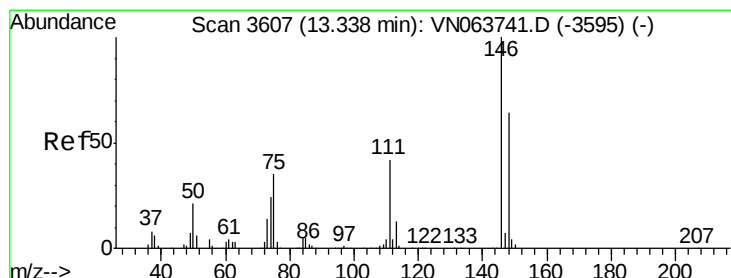
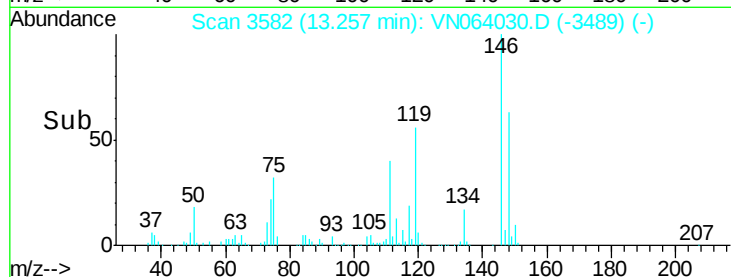
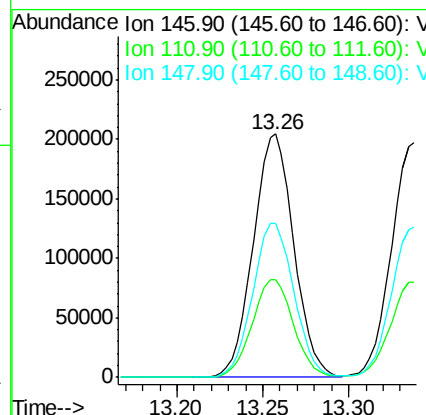
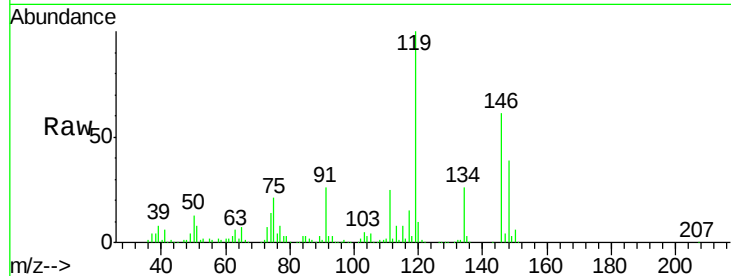




#87
 1,3-Dichlorobenzene
 Concen: 49.798 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

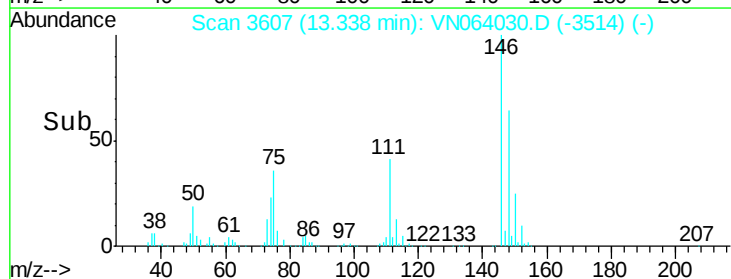
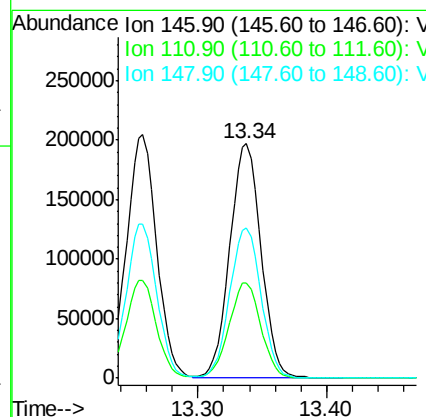
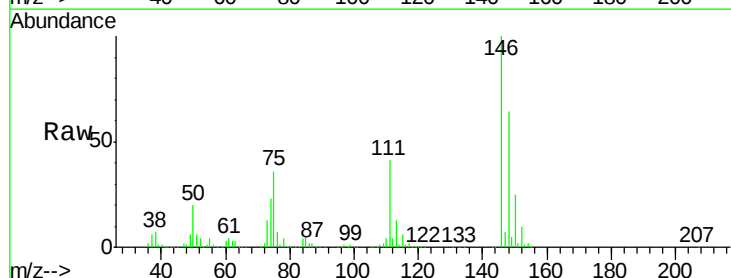
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

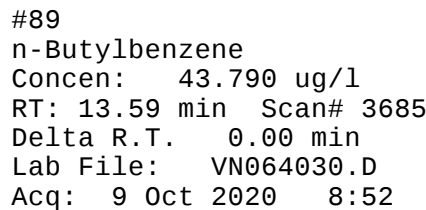
Tgt Ion:146 Resp: 335372
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.5 64.5
 148 64.2 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.199 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

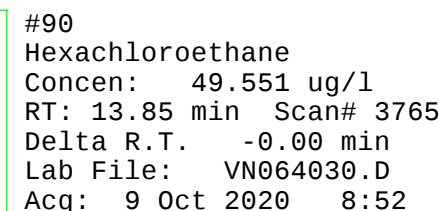
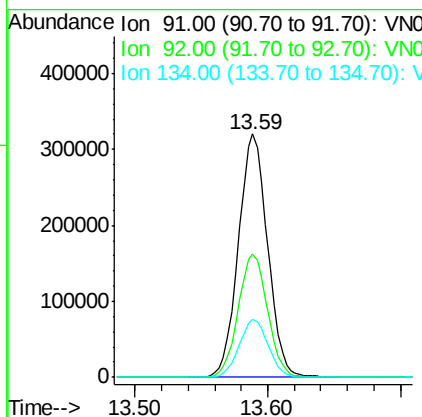
Tgt Ion:146 Resp: 330963
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.3 63.7
 148 64.4 32.0 96.0



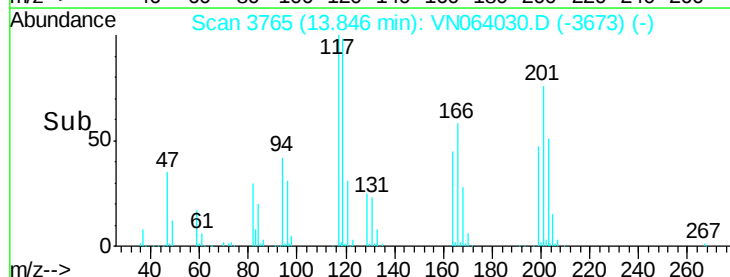
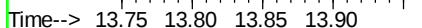
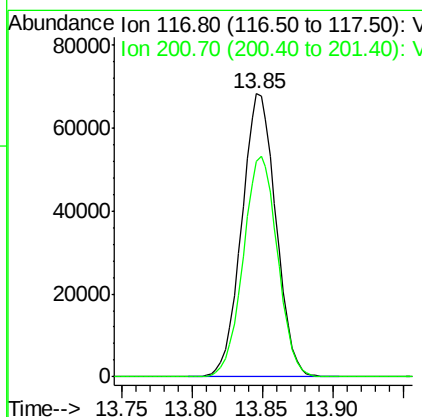


Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt	Ion: 91	Resp:	488916
Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.4	76.4
134	23.8	11.7	35.1



Tgt	Ion:117	Resp:	116153
Ion	Ratio	Lower	Upper
117	100		
201	77.9	36.0	108.0

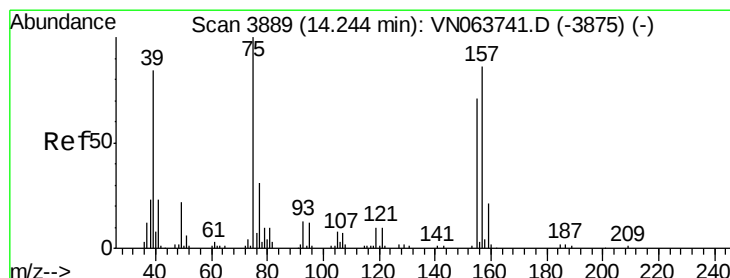
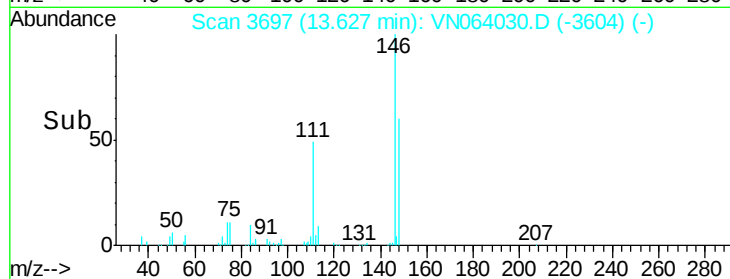
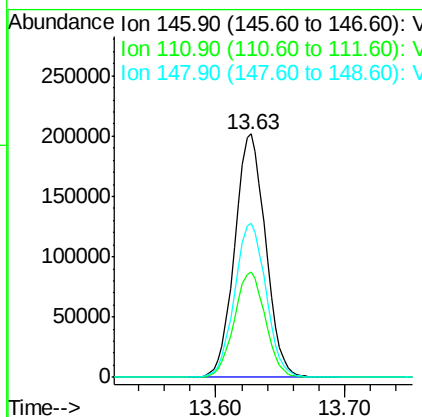
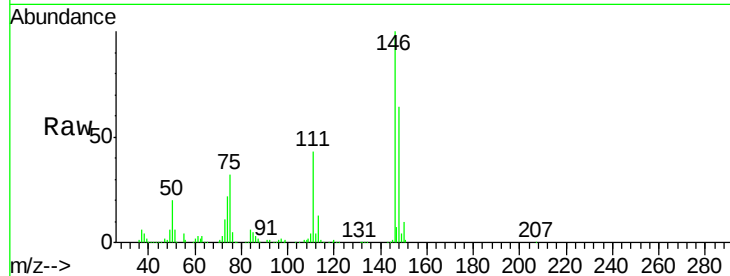




#91
 1,2-Dichlorobenzene
 Concen: 50.380 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

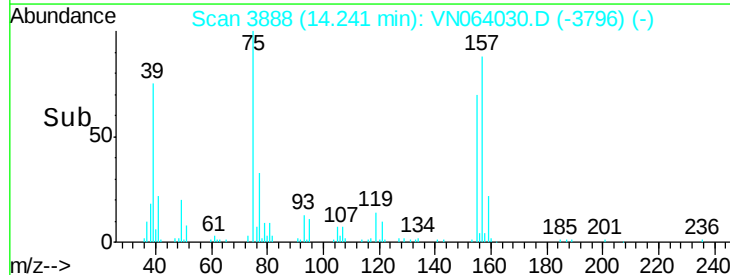
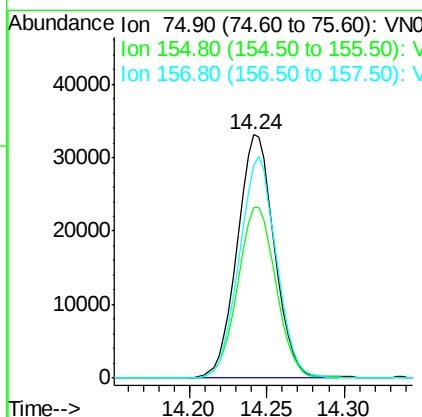
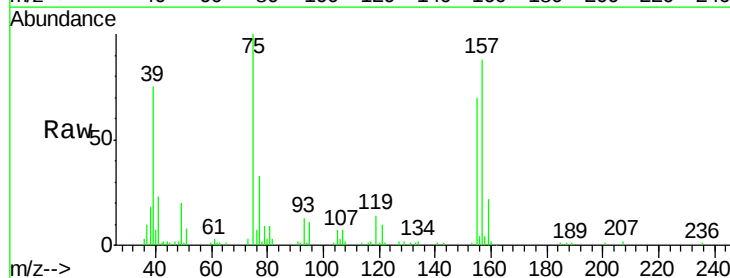
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

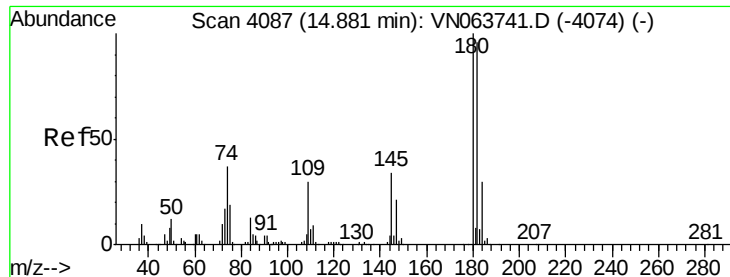
Tgt Ion: 146 Resp: 336060
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.2 66.6
 148 64.4 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.760 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion: 75 Resp: 55225
 Ion Ratio Lower Upper
 75 100
 155 72.3 34.8 104.5
 157 90.4 43.7 131.1

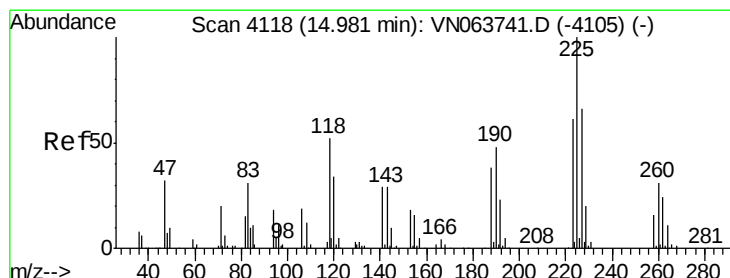
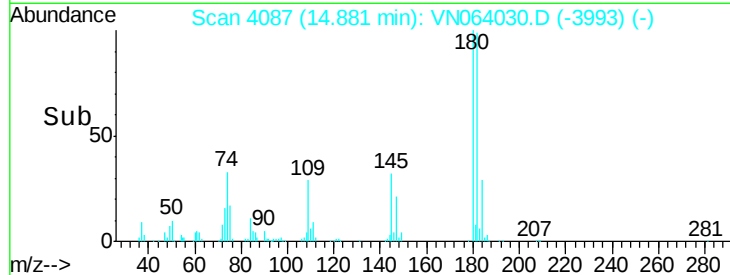
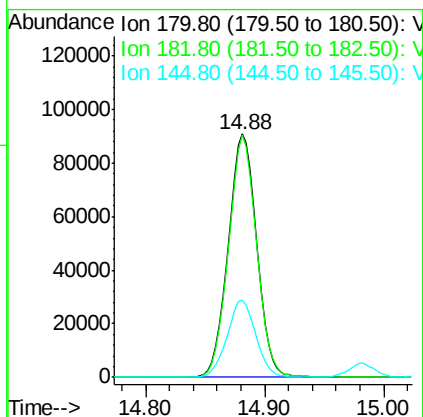
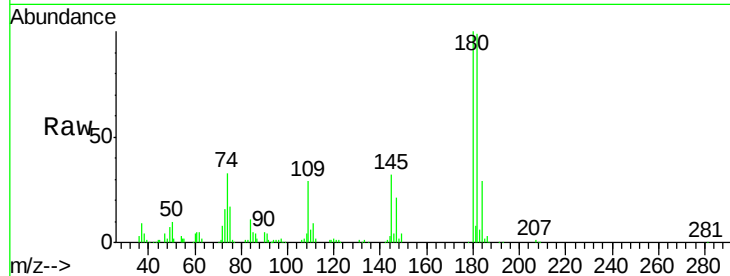




#93
 1,2,4-Trichlorobenzene
 Concen: 41.929 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

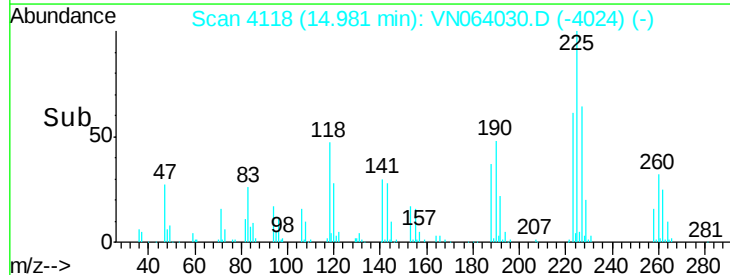
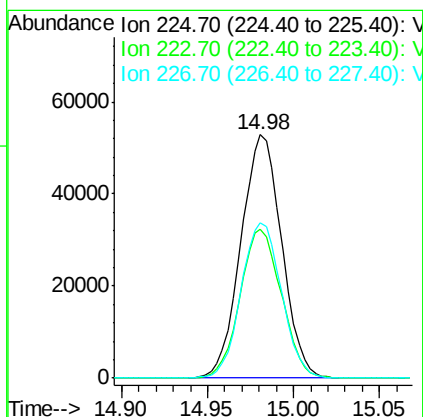
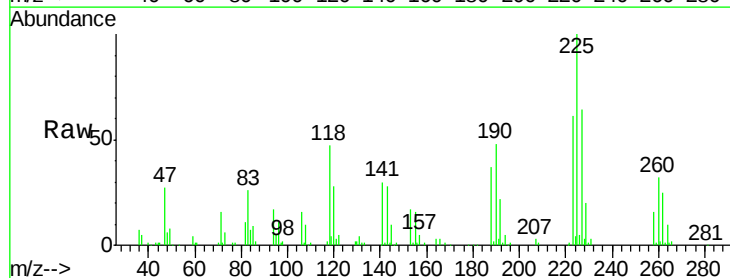
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

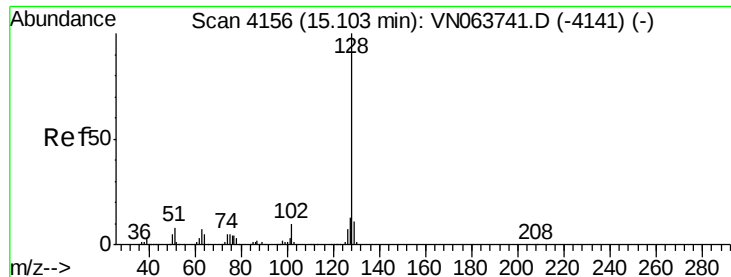
Tgt Ion:180 Resp: 151031
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.2 144.6
 145 31.9 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 48.162 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064030.D
 Acq: 9 Oct 2020 8:52

Tgt Ion:225 Resp: 87102
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.3 91.0
 227 63.3 31.9 95.5

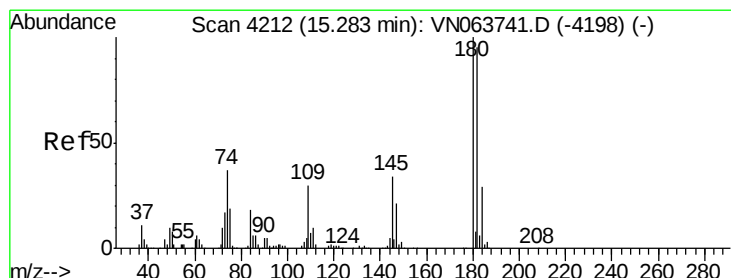
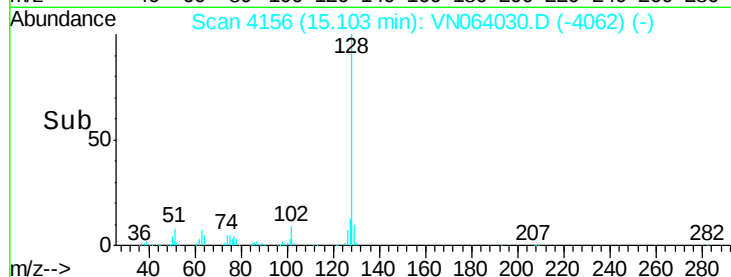
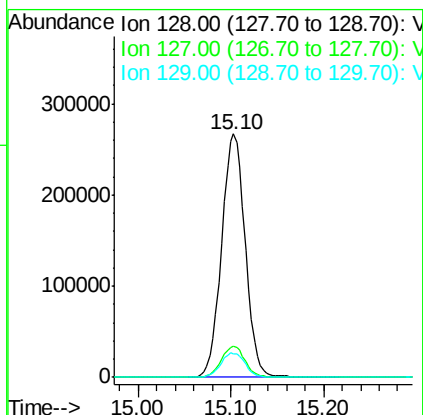
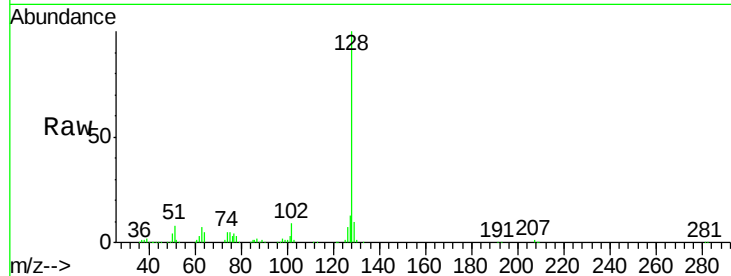




#95
Naphthalene
Concen: 42.334 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 471670
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 44.067 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064030.D
Acq: 9 Oct 2020 8:52

Tgt Ion:180 Resp: 154352
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 33.5 17.2 51.5

