

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064517.D
 Acq On : 10 Nov 2020 11:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 01:46:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	321792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	537088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	528234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	267818	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.55	113	187287	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.06	98	708040	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.38	95	271705	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	195619	46.699	ug/l	97
3) Chloromethane	2.04	50	232773	45.749	ug/l	99
4) Vinyl Chloride	2.16	62	250865	48.013	ug/l	99
5) Bromomethane	2.53	94	160744	48.157	ug/l	99
6) Chloroethane	2.67	64	167106	49.954	ug/l	93
7) Trichlorofluoromethane	2.98	101	391976	50.948	ug/l	99
8) Diethyl Ether	3.37	74	139346	51.288	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	178931	48.975	ug/l	100
10) Methyl Iodide	3.90	142	211107	49.727	ug/l	99
11) Tert butyl alcohol	4.76	59	165233	267.312	ug/l	99
12) 1,1-Dichloroethene	3.69	96	166520	48.386	ug/l	97
13) Acrolein	3.56	56	86257	224.969	ug/l	98
14) Allyl chloride	4.27	41	321537	47.761	ug/l	98
15) Acrylonitrile	4.94	53	471524	273.992	ug/l	99
16) Acetone	3.78	43	562796	263.593	ug/l	100
17) Carbon Disulfide	4.00	76	489474	47.560	ug/l	98
18) Methyl Acetate	4.28	43	219327	52.251	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	603726	48.742	ug/l	100
20) Methylene Chloride	4.50	84	199836	47.173	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	188510	48.243	ug/l	97
22) Diisopropyl ether	5.91	45	684834	47.921	ug/l	97
23) Vinyl Acetate	5.85	43	2947188	253.509	ug/l	99
24) 1,1-Dichloroethane	5.79	63	376197	47.906	ug/l	99
25) 2-Butanone	6.79	43	750350	275.822	ug/l	97
26) 2,2-Dichloropropane	6.78	77	347251	48.848	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	218419	48.239	ug/l	96
28) Bromochloromethane	7.15	49	182823	47.364	ug/l	100
29) Tetrahydrofuran	7.17	42	453795	271.891	ug/l	98
30) Chloroform	7.33	83	405162	49.083	ug/l	99
31) Cyclohexane	7.61	56	302217	44.355	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	362786	49.552	ug/l	98
36) 1,1-Dichloropropene	7.75	75	297838	52.492	ug/l	100
37) Ethyl Acetate	6.89	43	299152	51.918	ug/l	99
38) Carbon Tetrachloride	7.73	117	319929	52.758	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	264787	52.059	ug/l	95
40) Benzene	8.00	78	841944	50.498	ug/l	99
41) Methacrylonitrile	7.13	41	135430	53.837	ug/l	94
42) 1,2-Dichloroethane	8.09	62	353337	52.513	ug/l	98
43) Isopropyl Acetate	8.13	43	491844	53.490	ug/l	98
44) Trichloroethene	8.80	130	214440	50.977	ug/l	99
45) 1,2-Dichloropropane	9.08	63	231954	52.139	ug/l	96
46) Dibromomethane	9.17	93	159705	54.534	ug/l	98
47) Bromodichloromethane	9.37	83	342469	54.386	ug/l	98
48) Methyl methacrylate	9.17	41	253925	54.726	ug/l	100
49) 1,4-Dioxane	9.17	88	76057	1244.513	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1574868	293.691	ug/l	99
52) Toluene	10.13	92	541117	53.212	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	354808	53.148	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	372970	52.253	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	214547	54.098	ug/l	99
56) Ethyl methacrylate	10.40	69	315488	48.411	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372587	53.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	839556	270.377	ug/l	97
59) 2-Hexanone	10.72	43	1185305	270.732	ug/l	99
60) Dibromochloromethane	10.87	129	250535	56.424	ug/l	100
61) 1,2-Dibromoethane	10.98	107	222010	55.190	ug/l	100
64) Tetrachloroethene	10.60	164	199631	49.062	ug/l	97
65) Chlorobenzene	11.41	112	572006	49.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	221566	51.287	ug/l	98
67) Ethyl Benzene	11.49	91	1054590	51.199	ug/l	98
68) m/p-Xylenes	11.59	106	776578	103.959	ug/l	97
69) o-Xylene	11.92	106	370992	51.395	ug/l	99
70) Styrene	11.94	104	647188	53.281	ug/l	99
71) Bromoform	12.10	173	165273	50.926	ug/l #	99
73) Isopropylbenzene	12.23	105	969609	47.997	ug/l	100
74) N-amyl acetate	12.04	43	446161	45.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	311337	50.176	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	437424	71.032	ug/l #	100
77) Bromobenzene	12.50	156	234513	47.549	ug/l	99
78) n-propylbenzene	12.57	91	1165845	50.620	ug/l	98
79) 2-Chlorotoluene	12.65	91	716735	49.067	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	840932	50.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	112786	51.138	ug/l	99
82) 4-Chlorotoluene	12.75	91	763401	49.903	ug/l	100
83) tert-Butylbenzene	12.97	119	644890	49.546	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	850387	50.759	ug/l	99
85) sec-Butylbenzene	13.15	105	861486	52.260	ug/l	99
86) p-Isopropyltoluene	13.26	119	776604	52.376	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	429646	50.394	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	434992	49.371	ug/l	98
89) n-Butylbenzene	13.59	91	676712	53.081	ug/l	100
90) Hexachloroethane	13.85	117	152042	53.156	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	425040	51.828	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67134	54.343	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

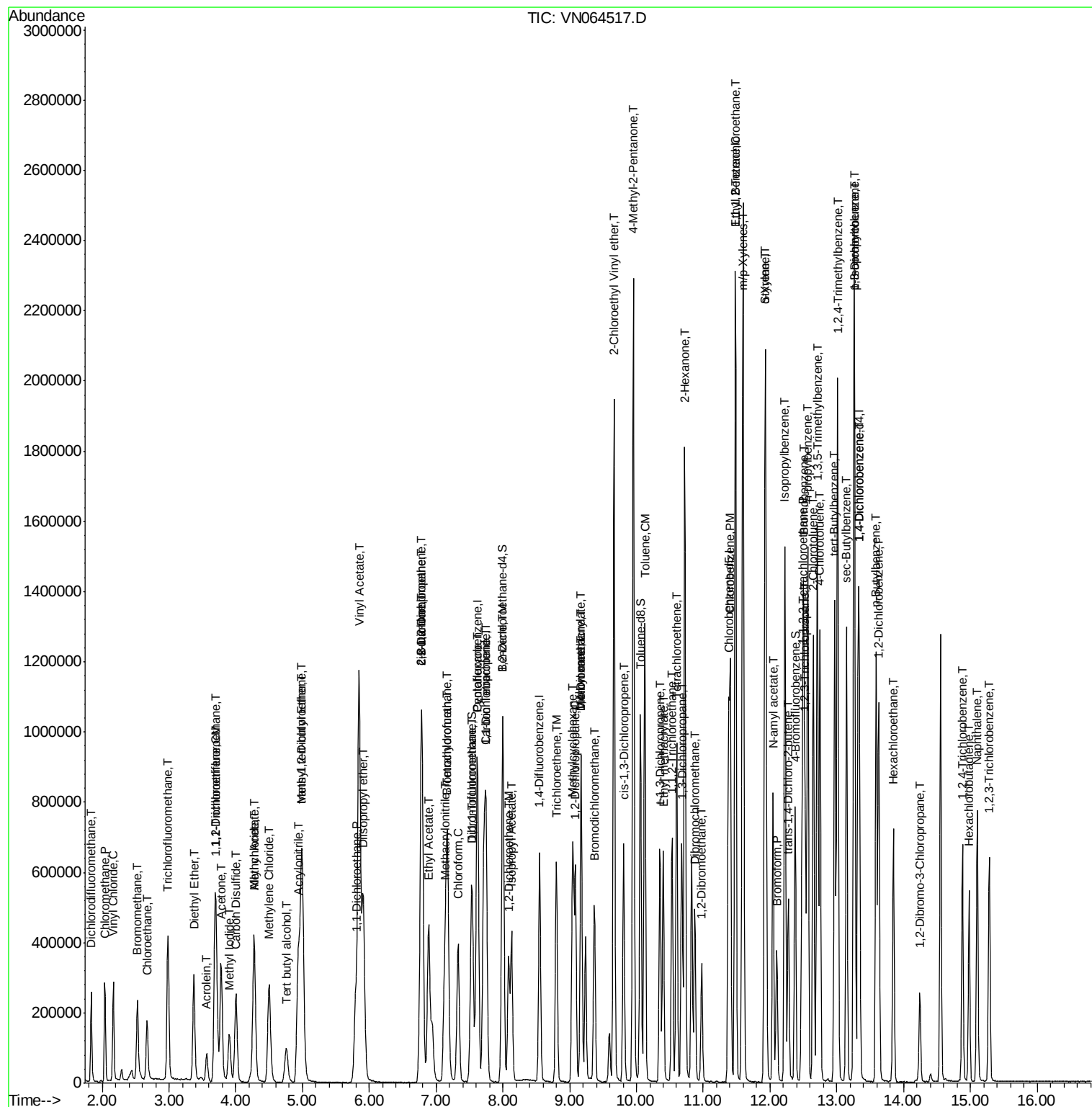
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192276	47.297	ug/l	99
94) Hexachlorobutadiene	14.98	225	89422	53.555	ug/l	99
95) Naphthalene	15.10	128	627277	45.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	189666	48.177	ug/l	100

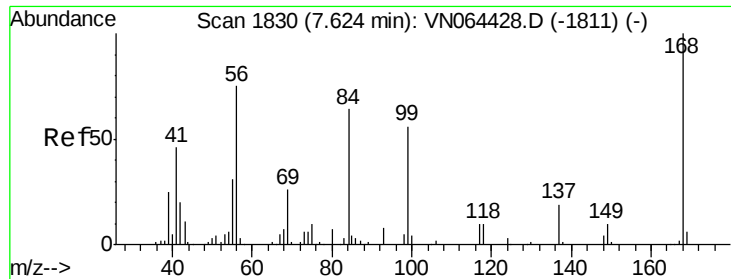
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

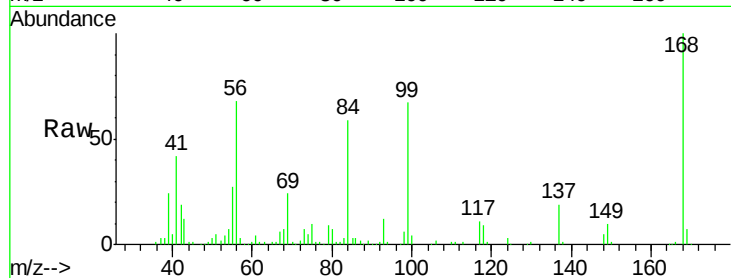
VSTDCCC050

Tot Ion:168 Resp: 321792

Ion Ratio Lower Upper

168 100

99 67.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

100000

50000

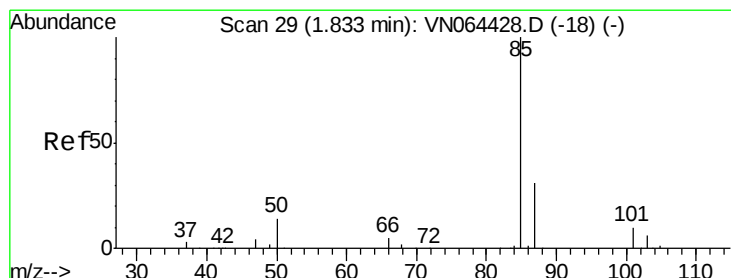
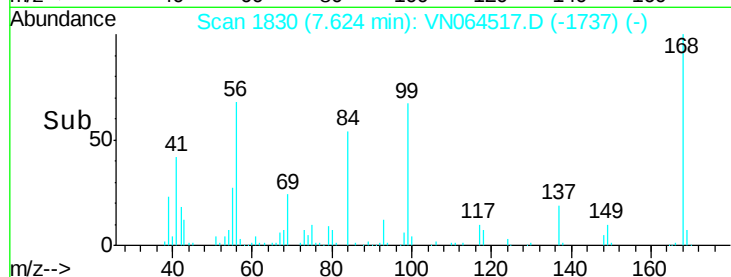
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 46.699 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064517.D

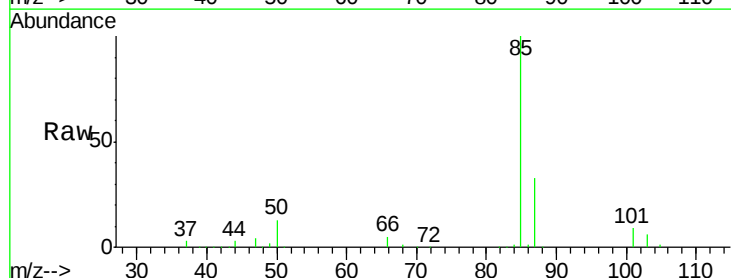
Acq: 10 Nov 2020 11:05

Tgt Ion: 85 Resp: 195619

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

50000

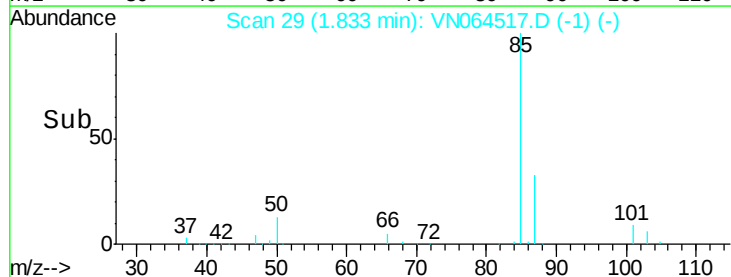
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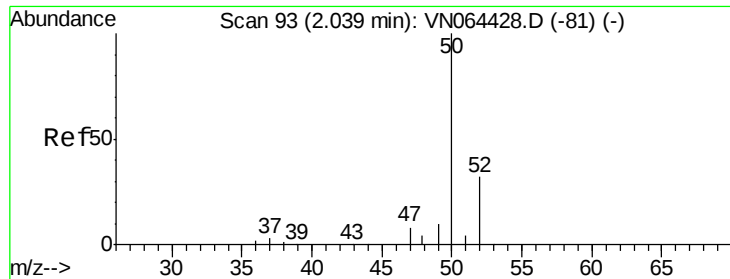
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 45.749 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

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ClientSampleId :

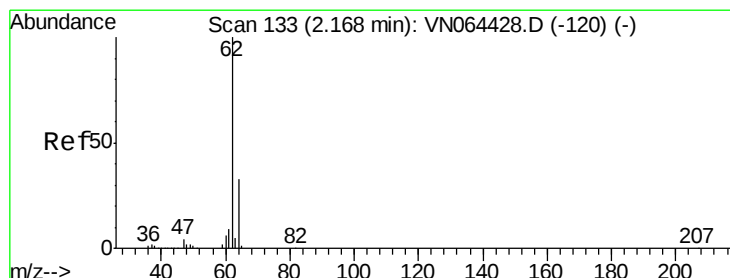
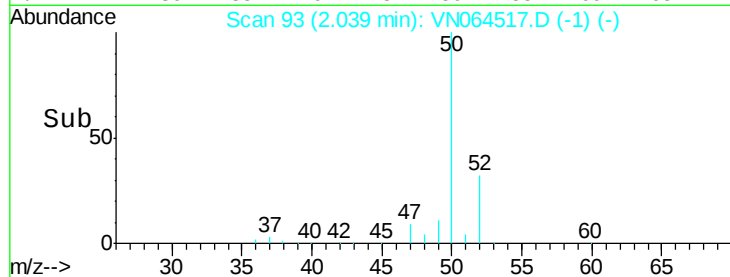
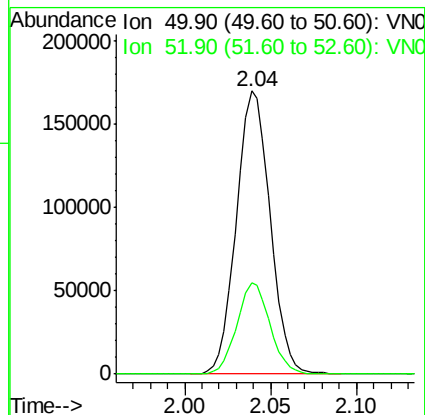
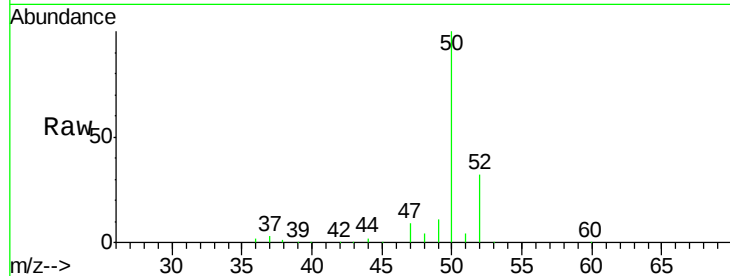
VSTDCCC050

Tot Ion: 50 Resp: 232773

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 48.013 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064517.D

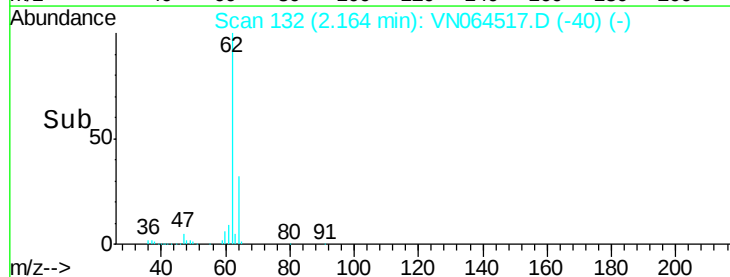
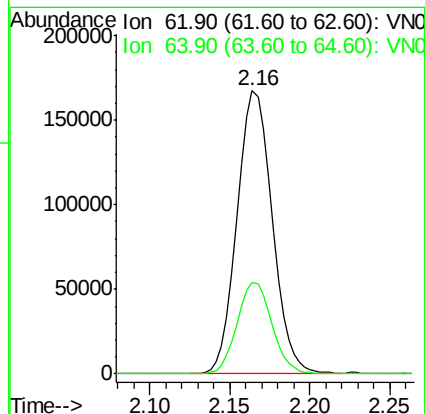
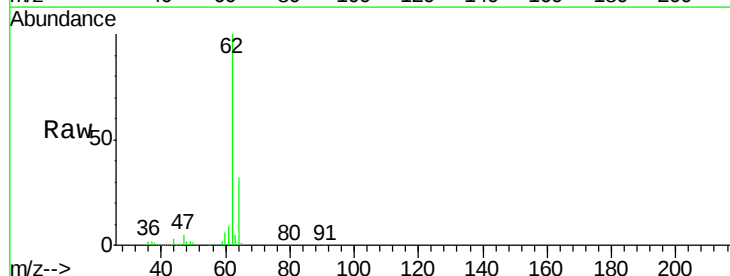
Acq: 10 Nov 2020 11:05

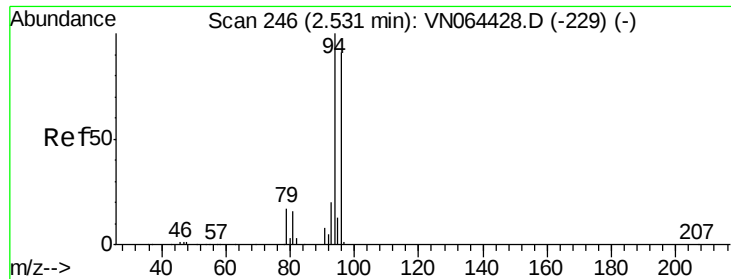
Tgt Ion: 62 Resp: 250865

Ion Ratio Lower Upper

62 100

64 32.5 26.3 39.5





#5

Bromomethane

Concen: 48.157 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

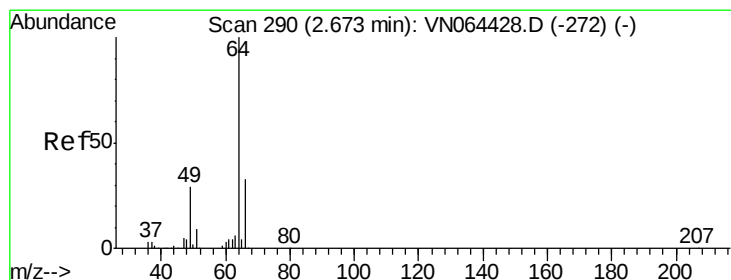
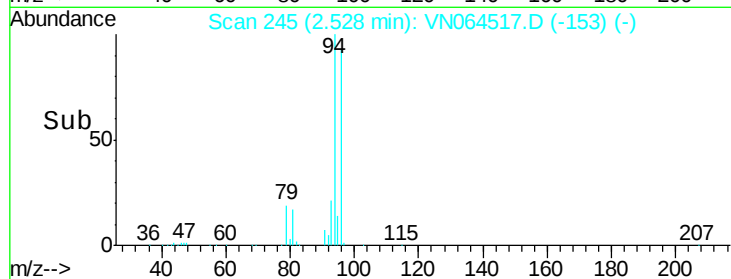
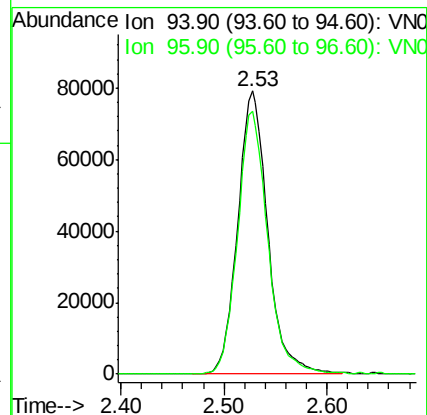
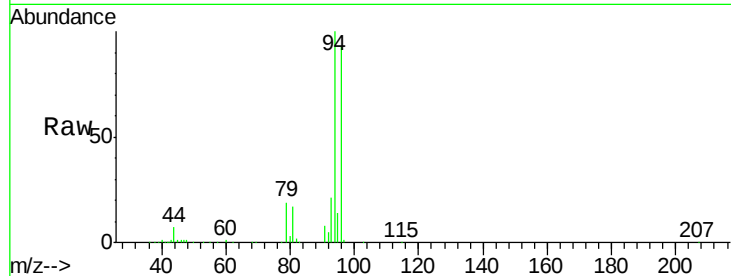
VSTDCCC050

Tot Ion: 94 Resp: 160744

Ion Ratio Lower Upper

94 100

96 92.8 73.1 109.7



#6

Chloroethane

Concen: 49.954 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064517.D

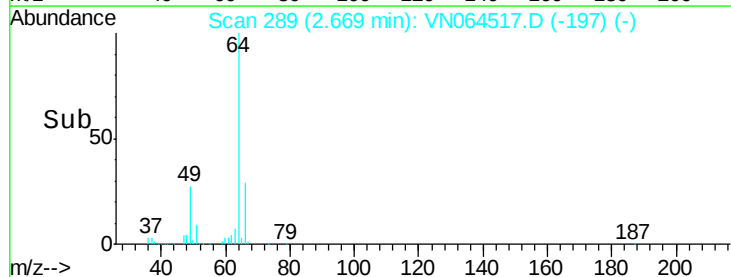
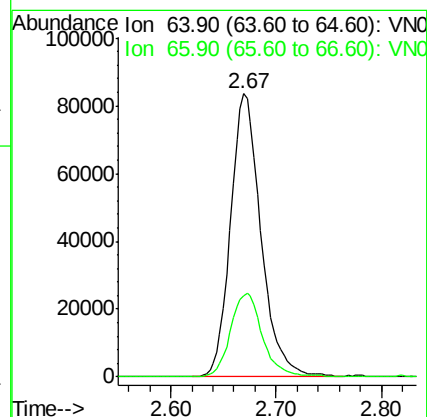
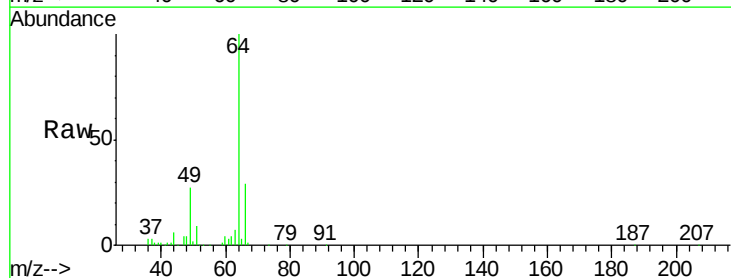
Acq: 10 Nov 2020 11:05

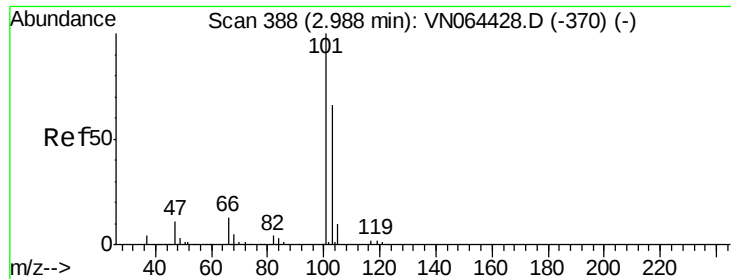
Tgt Ion: 64 Resp: 167106

Ion Ratio Lower Upper

64 100

66 28.6 26.1 39.1



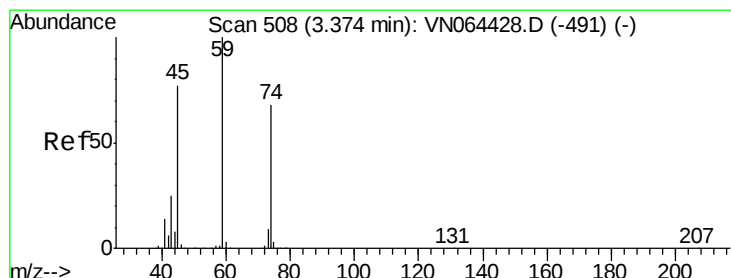
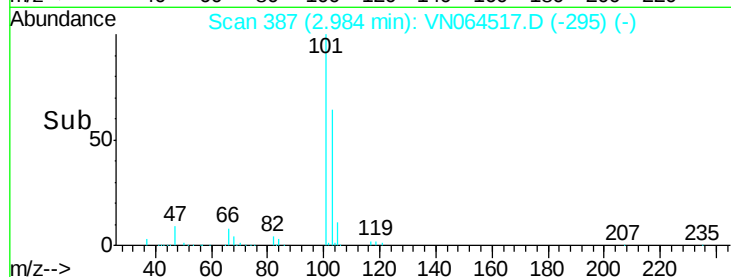
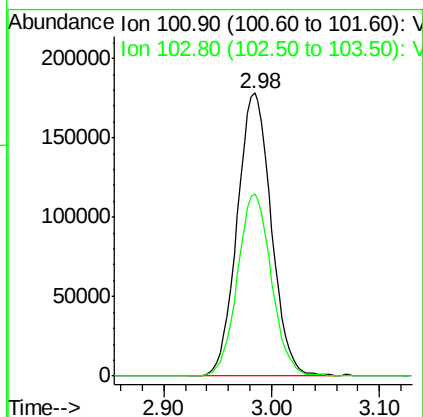
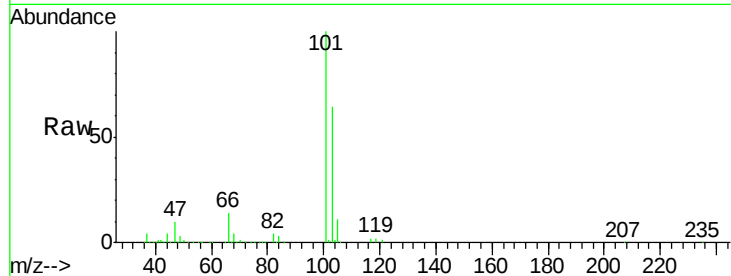


#7

Trichlorofluoromethane
Concen: 50.948 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064517.D
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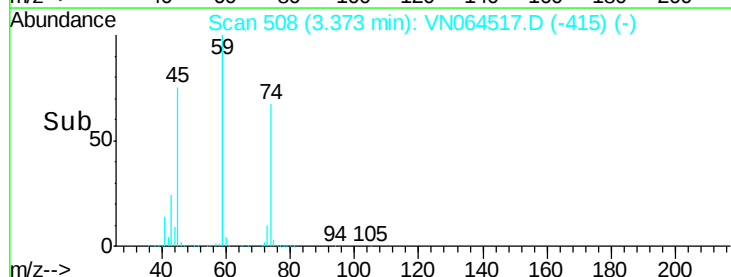
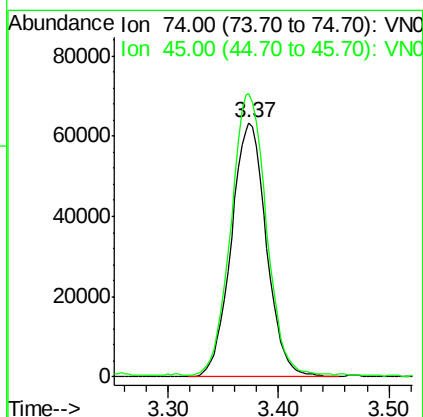
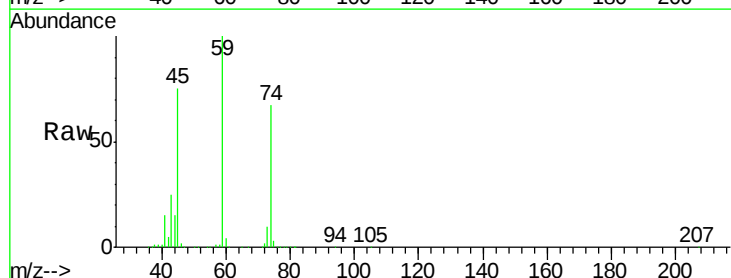
Tot Ion:101 Resp: 391976
Ion Ratio Lower Upper
101 100
103 64.4 52.4 78.6

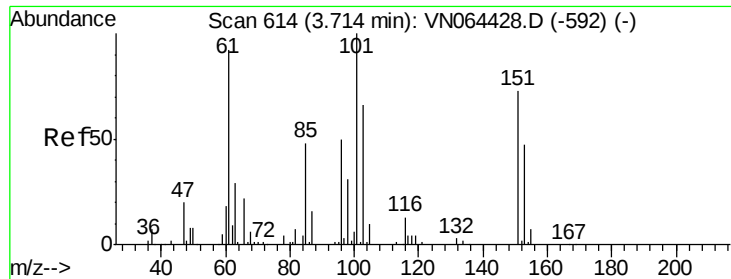


#8

Diethyl Ether
Concen: 51.288 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 74 Resp: 139346
Ion Ratio Lower Upper
74 100
45 112.1 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.975 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

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VSTDCCC050

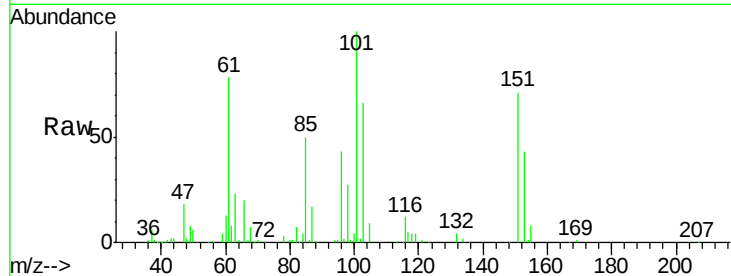
Tot Ion:101 Resp: 178931

Ion Ratio Lower Upper

101 100

85 48.2 38.6 57.8

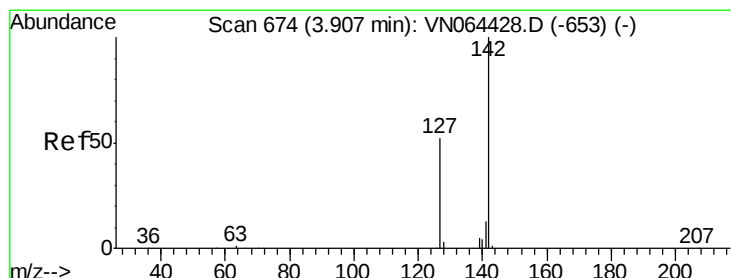
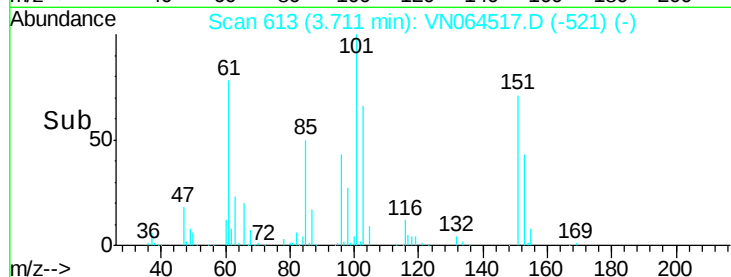
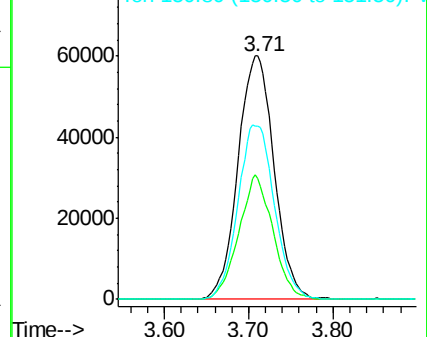
151 72.5 57.5 86.3



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: 49.727 ug/l

RT: 3.90 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

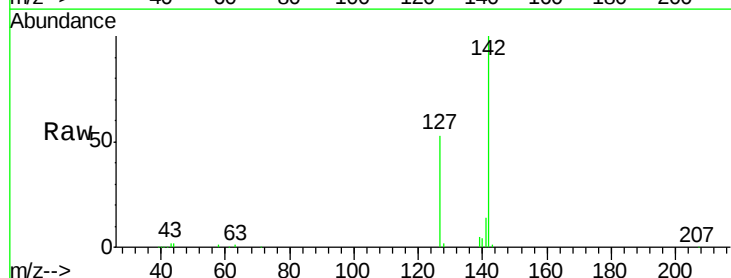
Tgt Ion:142 Resp: 211107

Ion Ratio Lower Upper

142 100

127 52.8 41.8 62.8

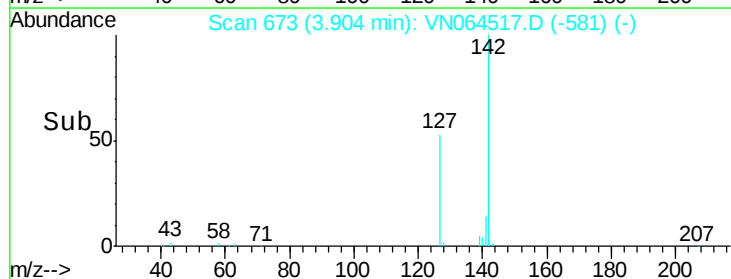
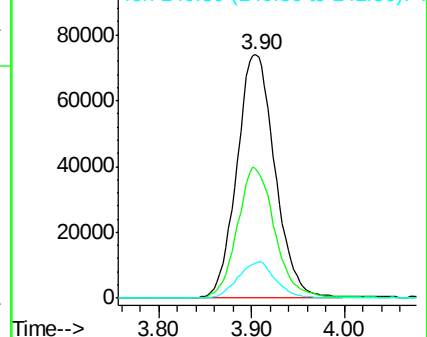
141 14.7 11.4 17.2

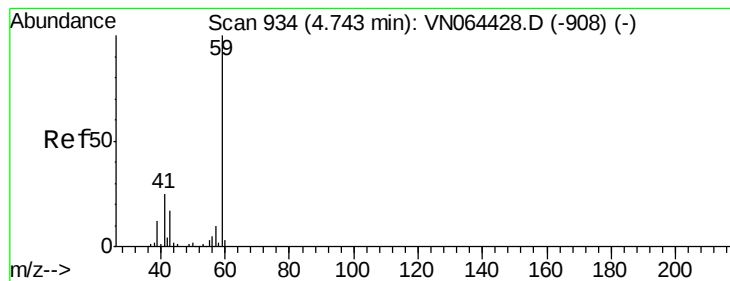


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



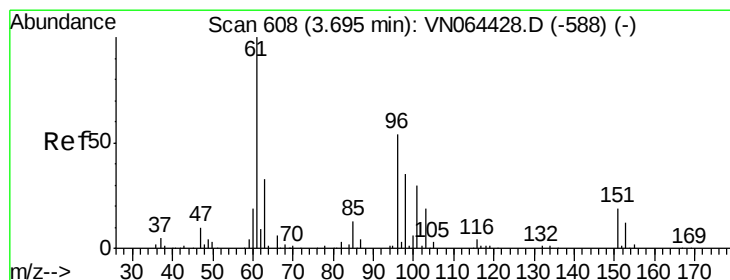
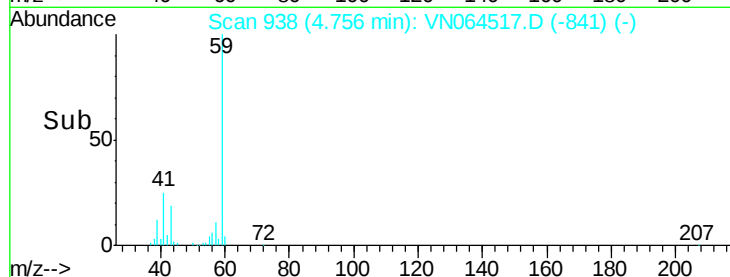
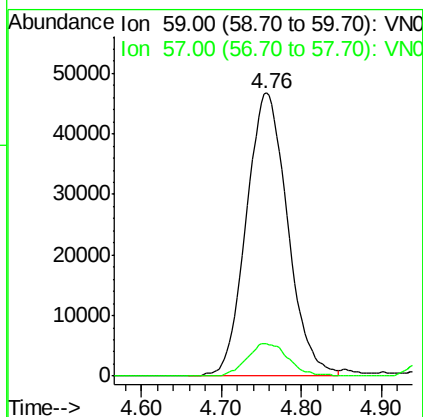
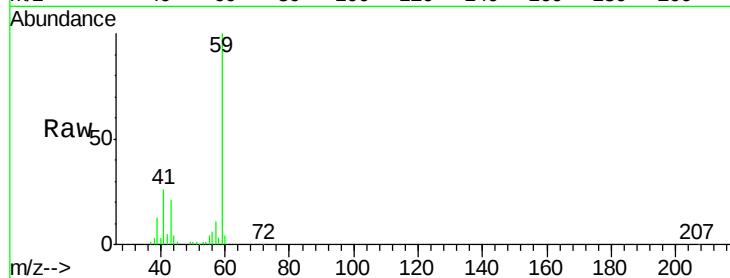


#11

Tert butyl alcohol
Concen: 267.312 ug/l
RT: 4.76 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

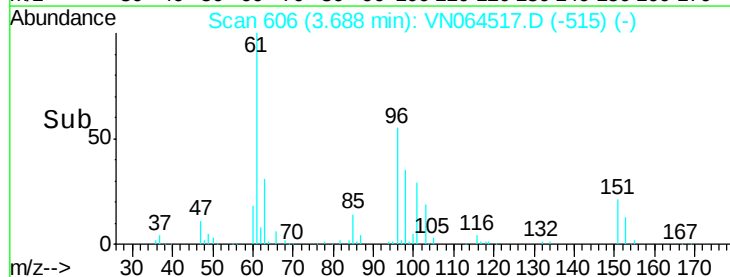
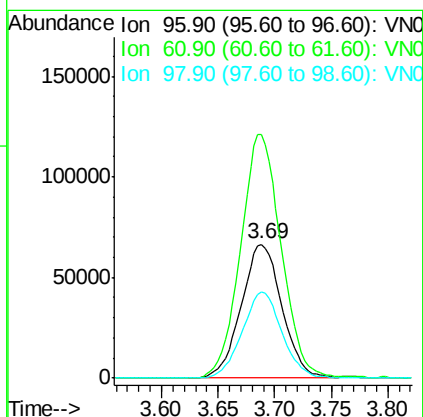
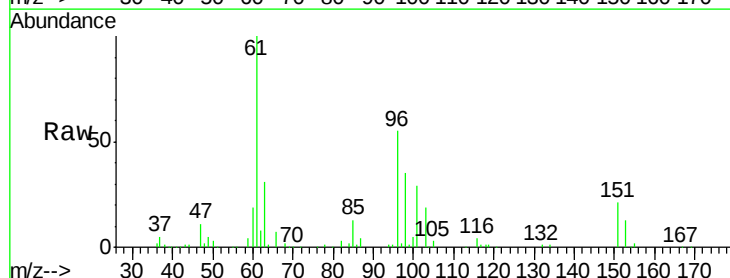
Tot Ion: 59 Resp: 165233
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4

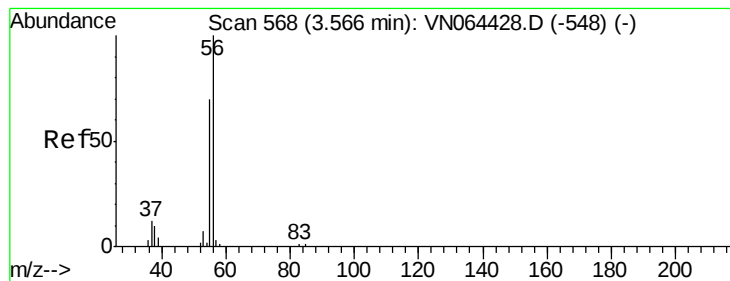


#12

1,1-Dichloroethene
Concen: 48.386 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.01 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 96 Resp: 166520
Ion Ratio Lower Upper
96 100
61 182.2 149.5 224.3
98 64.1 52.4 78.6





#13

Acrolein

Concen: 224.969 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

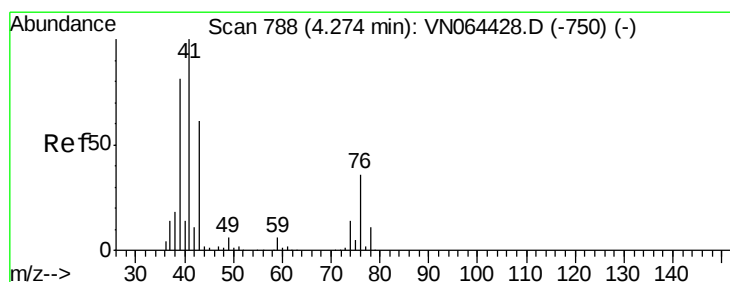
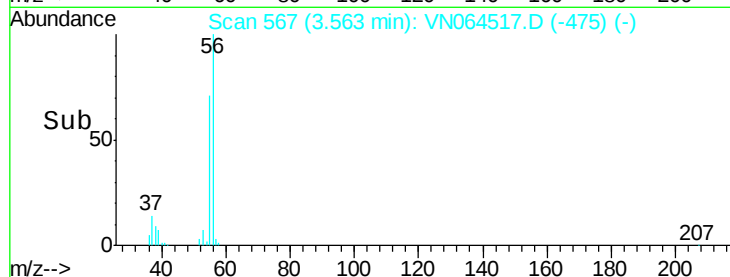
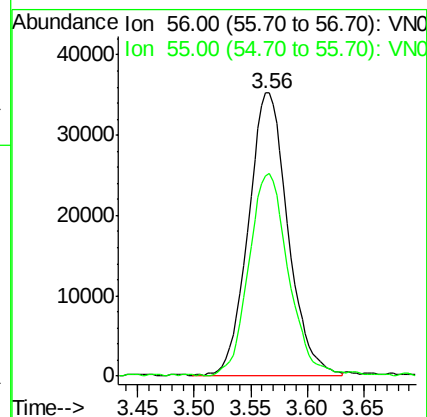
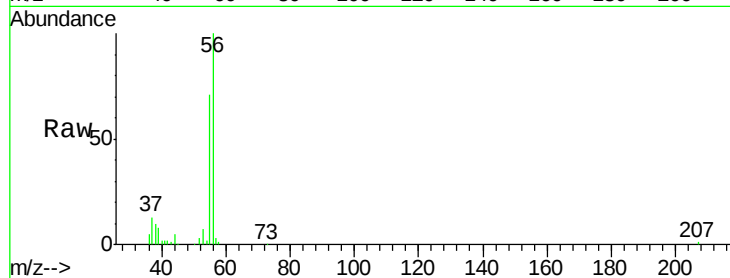
VSTDCCC050

Tot Ion: 56 Resp: 86257

Ion Ratio Lower Upper

56 100

55 71.5 55.9 83.9



#14

Allyl chloride

Concen: 47.761 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

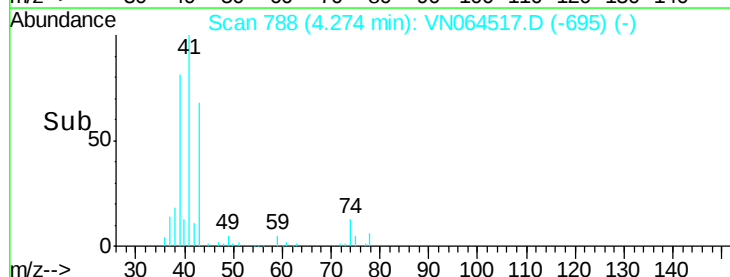
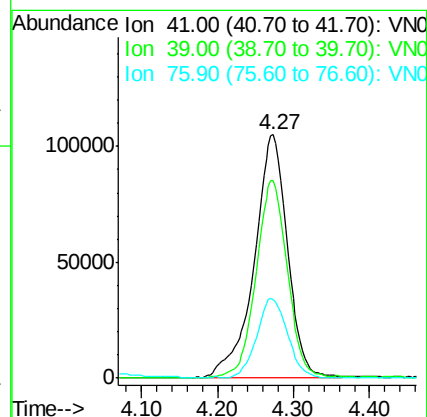
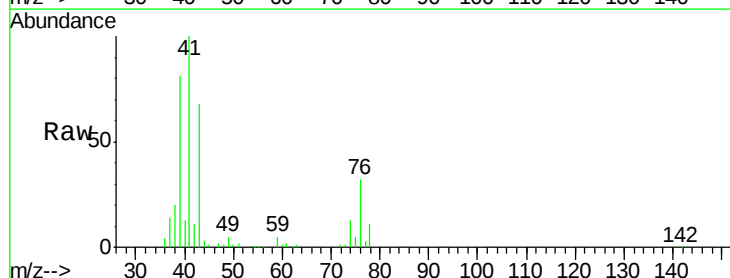
Tgt Ion: 41 Resp: 321537

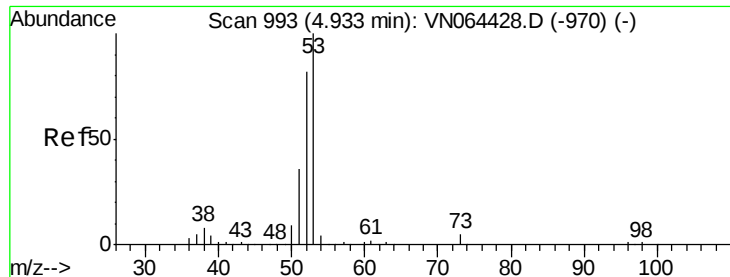
Ion Ratio Lower Upper

41 100

39 76.2 61.8 92.8

76 29.5 25.4 38.0





#15

Acrylonitrile

Concen: 273.992 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

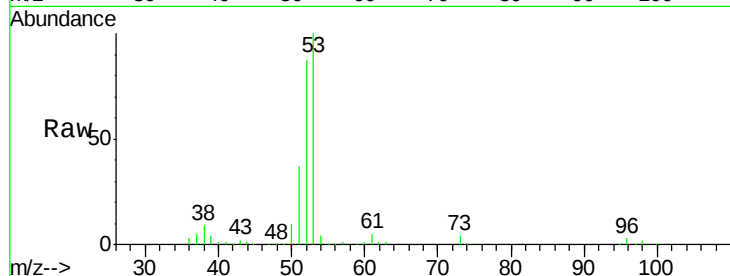
Tot Ion: 53 Resp: 471524

Ion Ratio Lower Upper

53 100

52 83.1 65.6 98.4

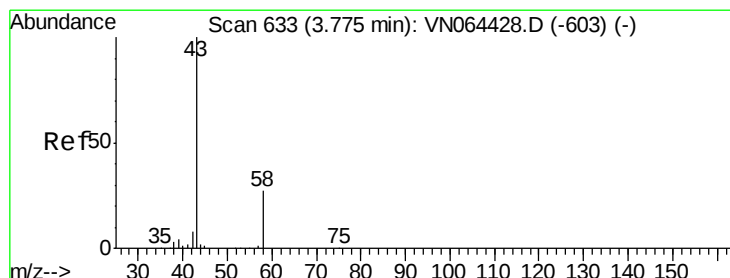
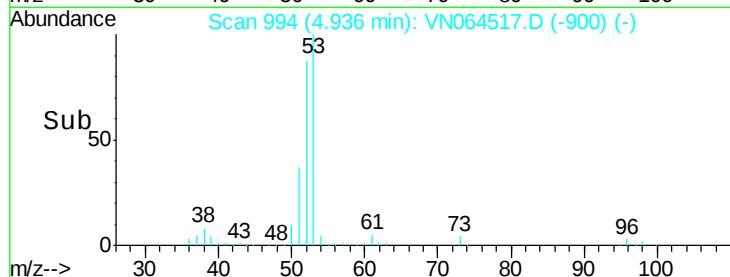
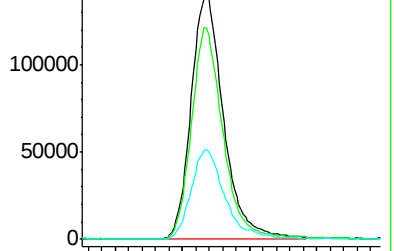
51 37.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 263.593 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064517.D

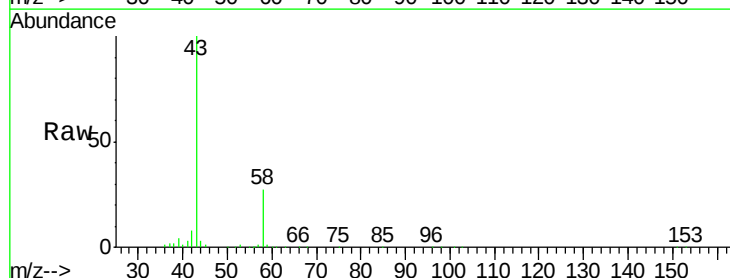
Acq: 10 Nov 2020 11:05

Tgt Ion: 43 Resp: 562796

Ion Ratio Lower Upper

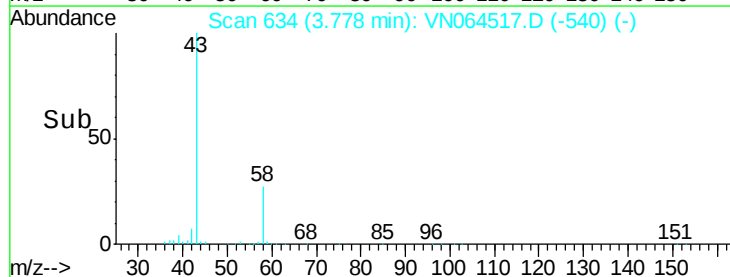
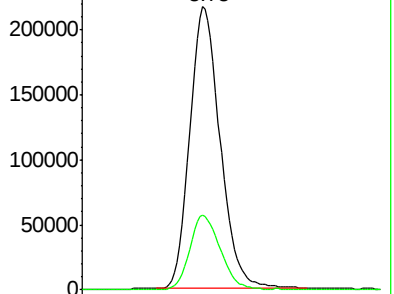
43 100

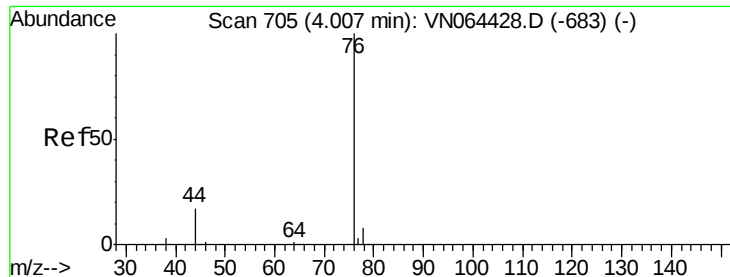
58 26.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

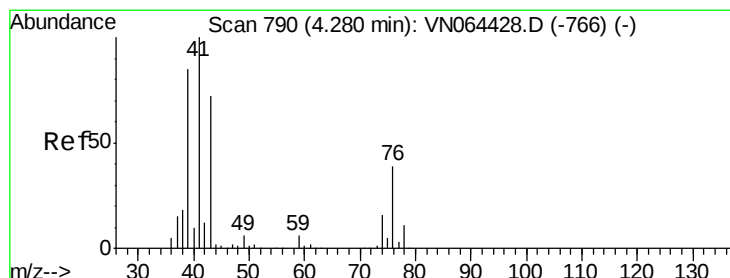
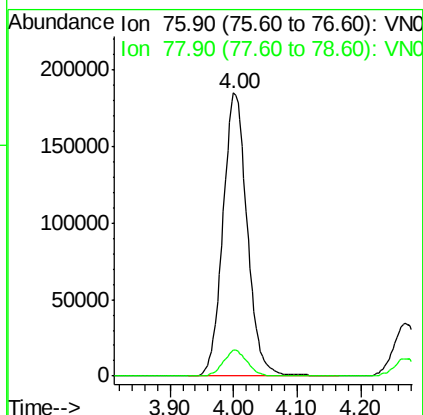
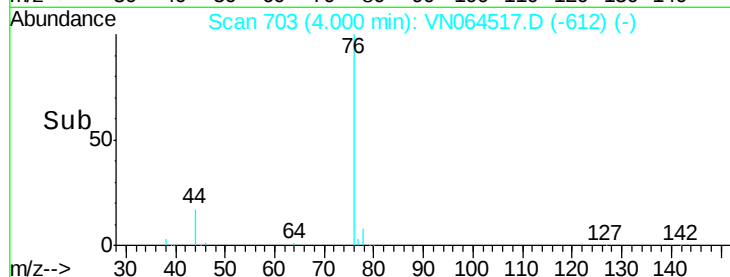
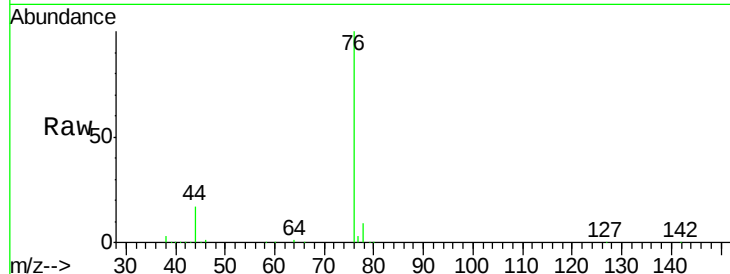




#17
Carbon Disulfide
Concen: 47.560 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

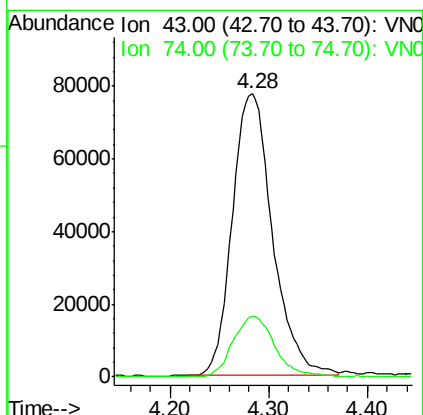
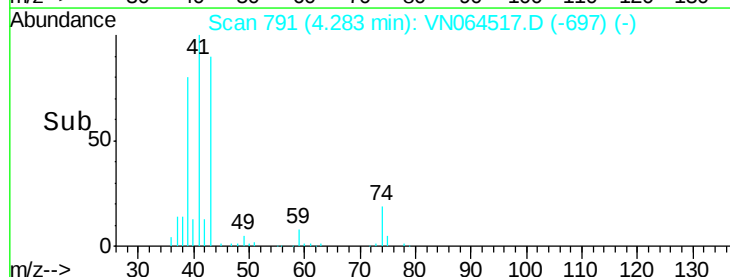
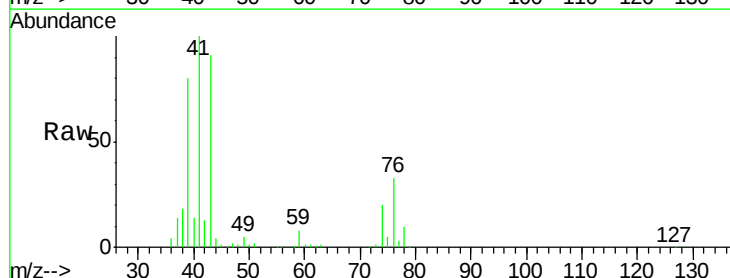
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

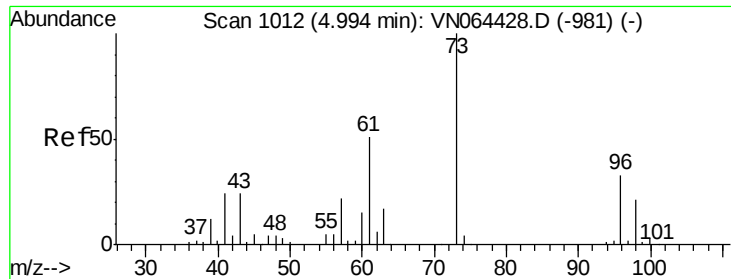
Tot Ion: 76 Resp: 489474
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 52.251 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 43 Resp: 219327
Ion Ratio Lower Upper
43 100
74 22.3 17.0 25.4

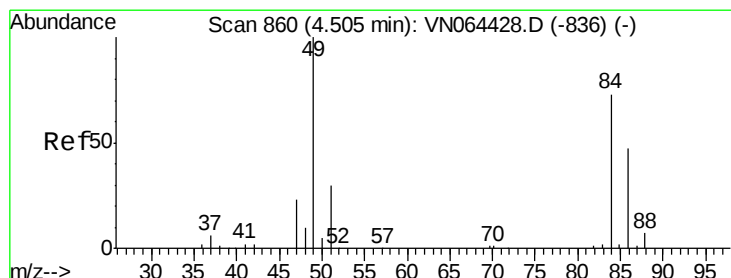
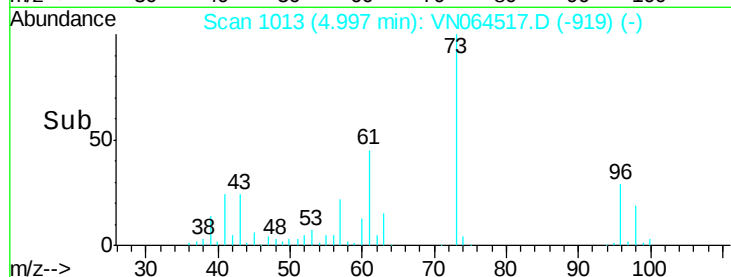
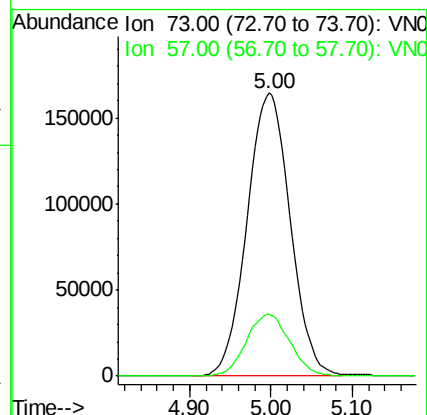
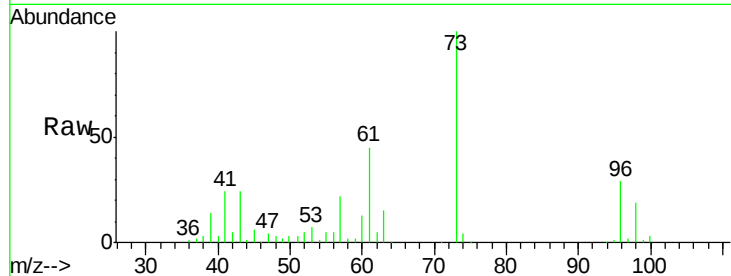




#19
Methvl tert-butvl Ether
Concen: 48.742 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

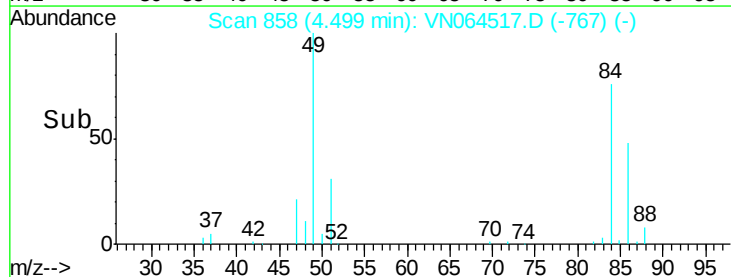
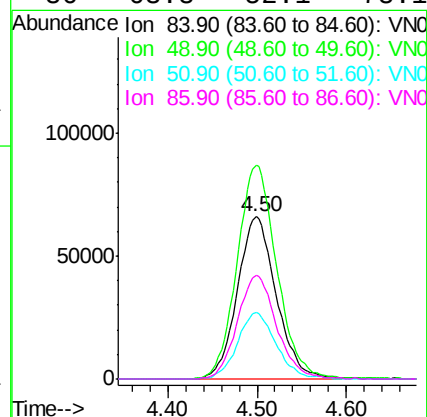
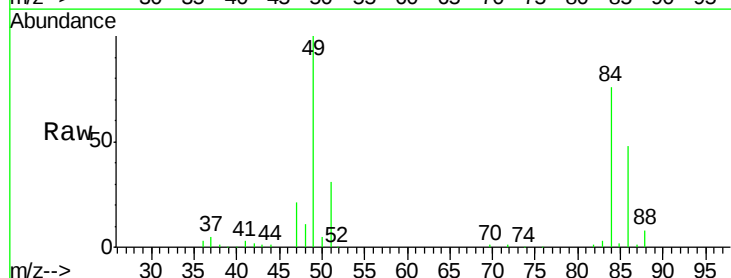
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

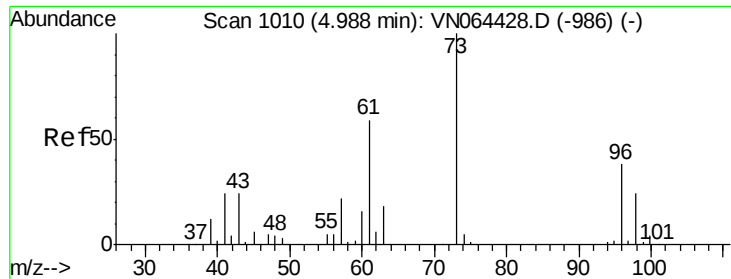
Tot Ion: 73 Resp: 603726
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 47.173 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 84 Resp: 199836
Ion Ratio Lower Upper
84 100
49 131.6 110.1 165.1
51 40.9 33.6 50.4
86 63.8 52.1 78.1

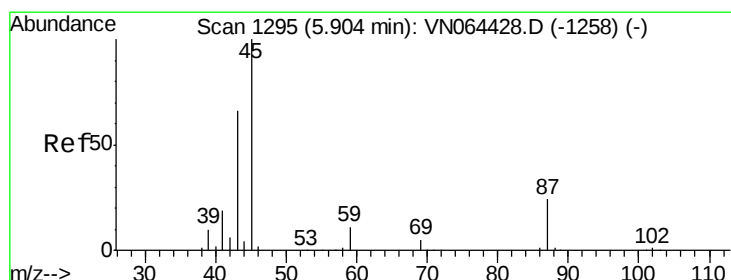
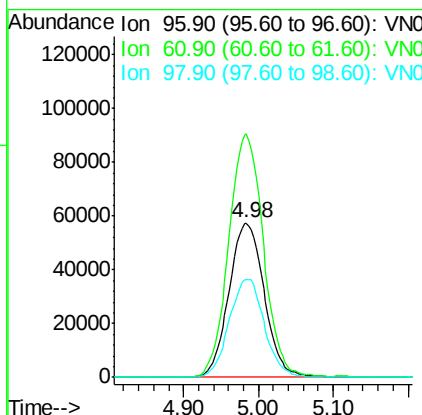
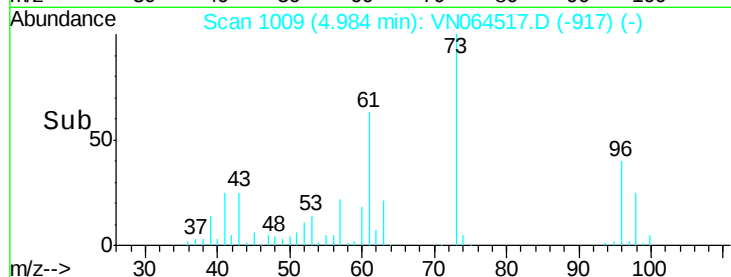
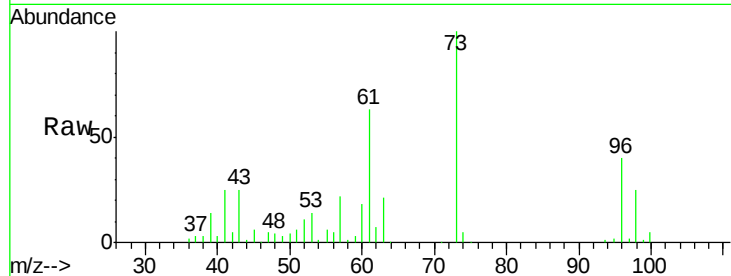




#21
trans-1,2-Dichloroethene
Concen: 48.243 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

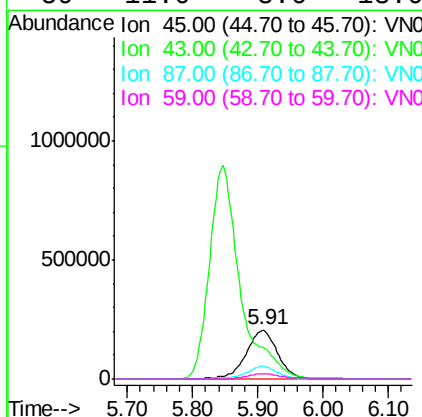
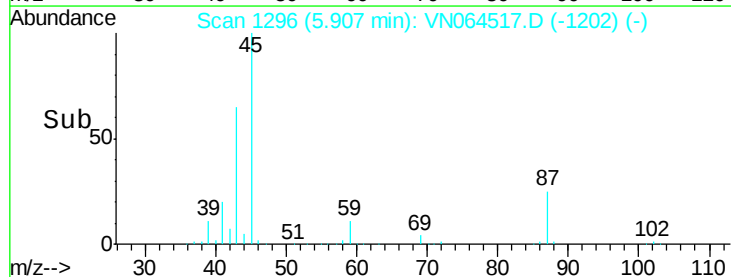
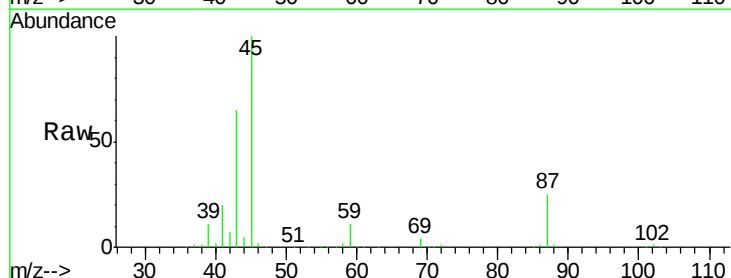
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

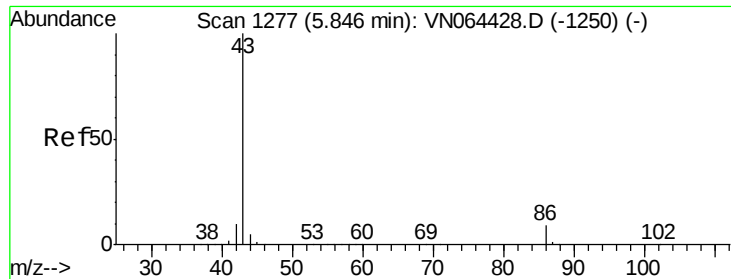
Tot Ion: 96 Resp: 188510
Ion Ratio Lower Upper
96 100
61 157.6 122.4 183.6
98 63.3 50.4 75.6



#22
Diisopropyl ether
Concen: 47.921 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 45 Resp: 684834
Ion Ratio Lower Upper
45 100
43 63.3 53.2 79.8
87 25.3 19.9 29.9
59 11.0 8.6 13.0

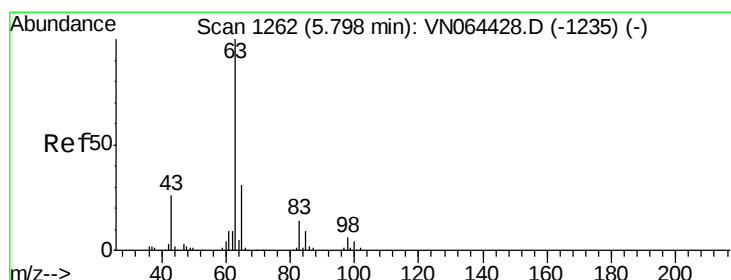
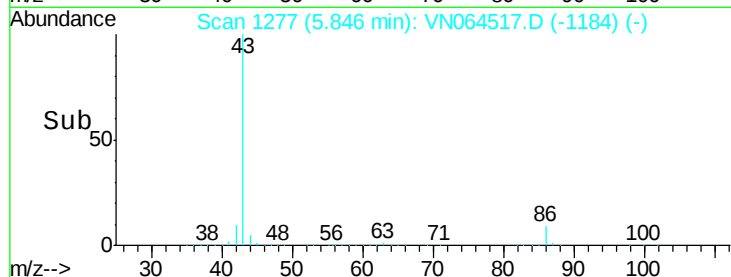
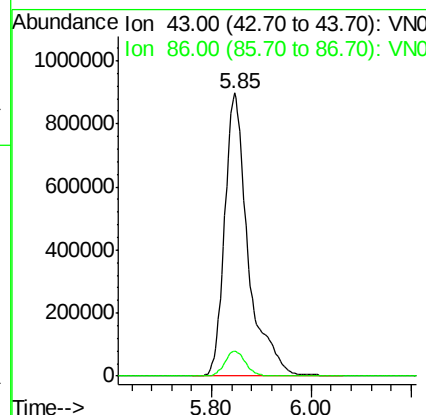
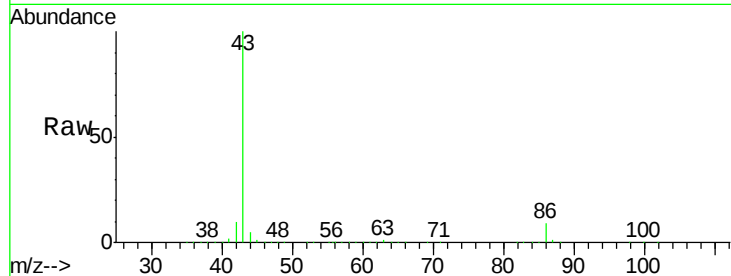




#23
 Vinyl Acetate
 Concen: 253.509 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

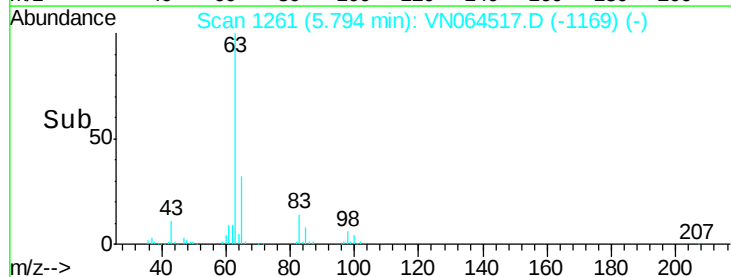
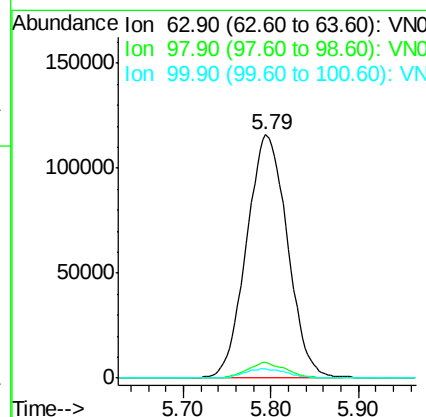
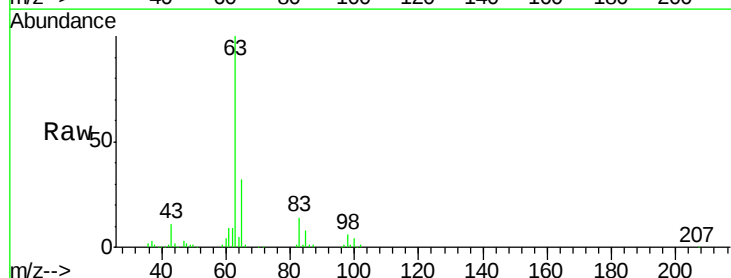
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

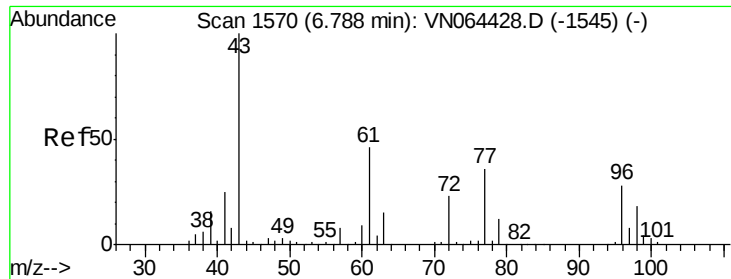
Tot Ion: 43 Resp: 2947188
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 47.906 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

Tgt Ion: 63 Resp: 376197
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.0 9.2
 100 3.7 1.8 5.3





#25

2-Butanone

Concen: 275.822 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

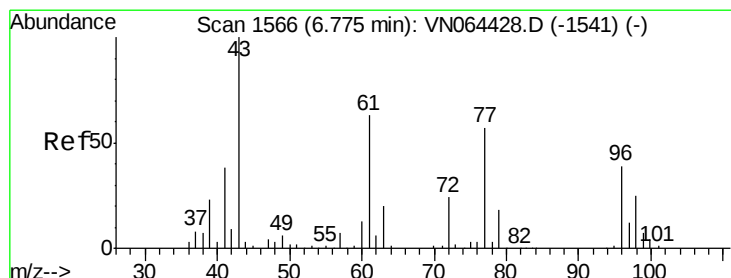
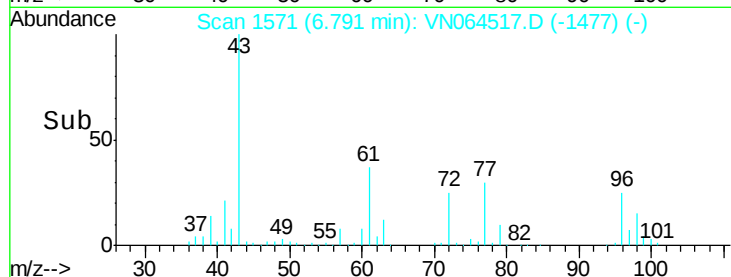
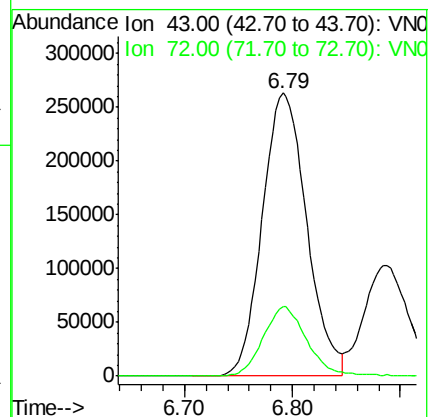
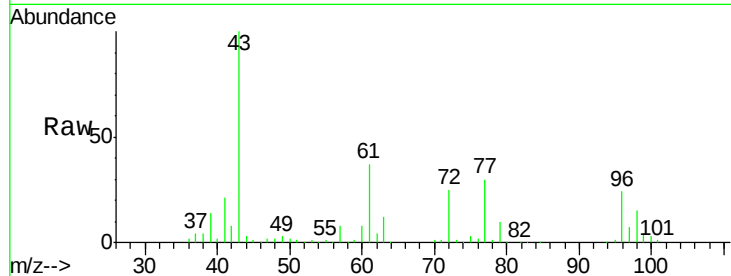
VSTDCCC050

Tot Ion: 43 Resp: 750350

Ion Ratio Lower Upper

43 100

72 24.8 18.5 27.7



#26

2,2-Dichloropropane

Concen: 48.848 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064517.D

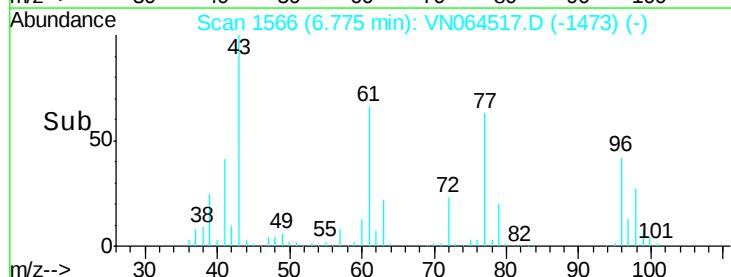
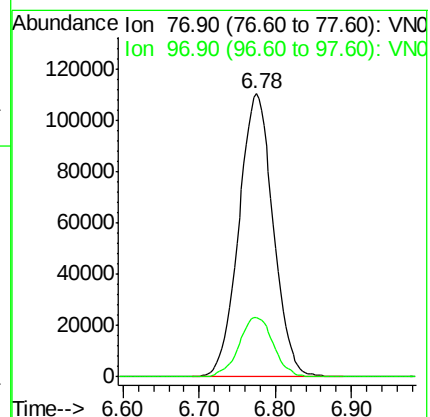
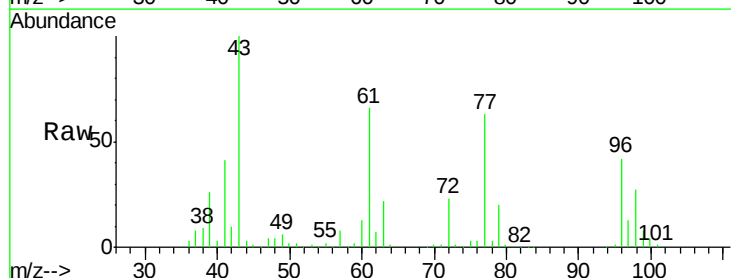
Acq: 10 Nov 2020 11:05

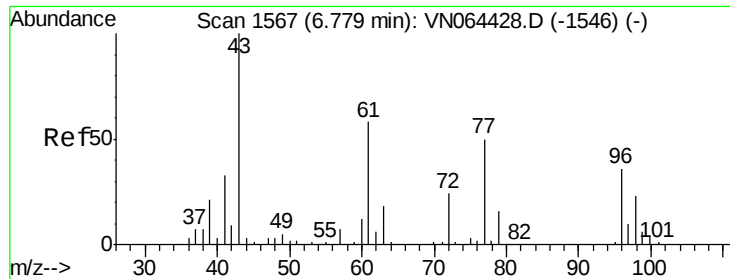
Tgt Ion: 77 Resp: 347251

Ion Ratio Lower Upper

77 100

97 21.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.239 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

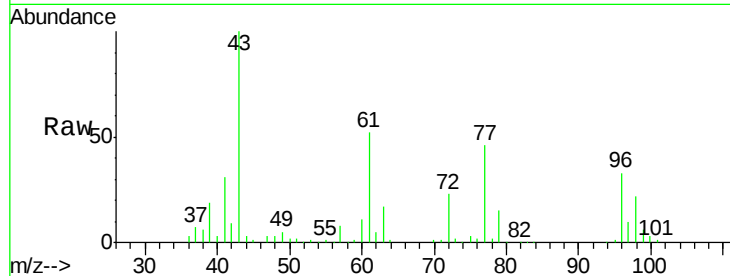
Tot Ion: 96 Resp: 218419

Ion Ratio Lower Upper

96 100

61 158.9 0.0 329.6

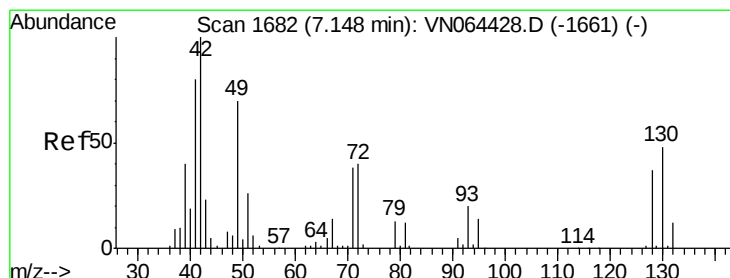
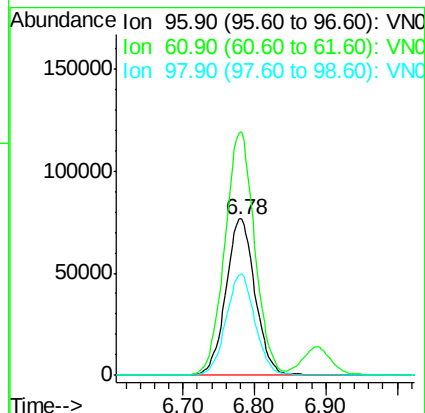
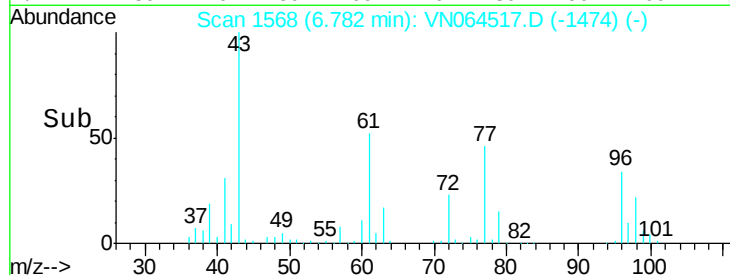
98 64.2 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#28

Bromochloromethane

Concen: 47.364 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

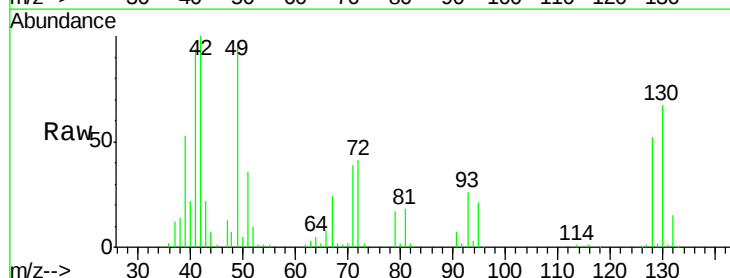
Tgt Ion: 49 Resp: 182823

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

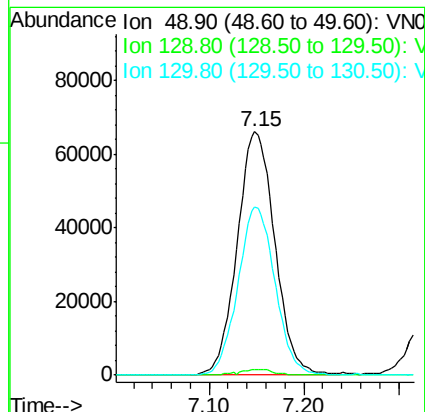
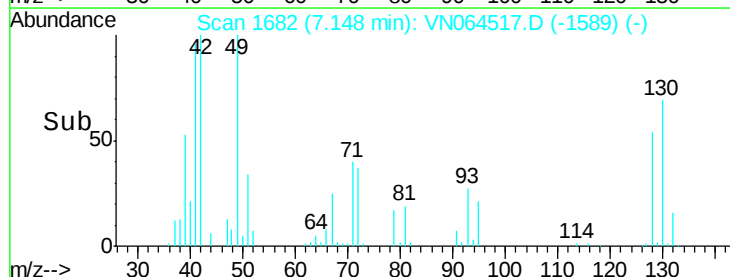
130 68.0 54.2 81.4

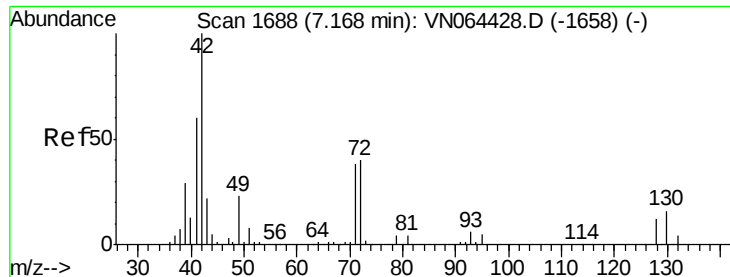


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)





#29

Tetrahydrofuran

Concen: 271.891 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

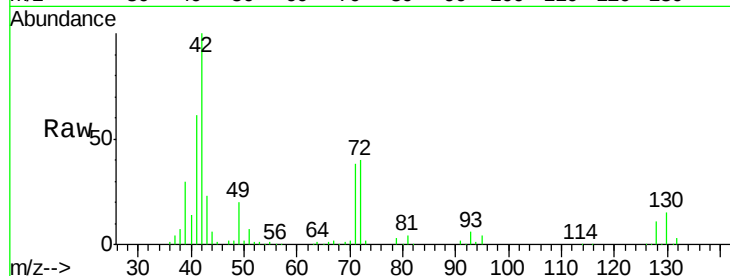
Tot Ion: 42 Resp: 453795

Ion Ratio Lower Upper

42 100

72 40.3 31.7 47.5

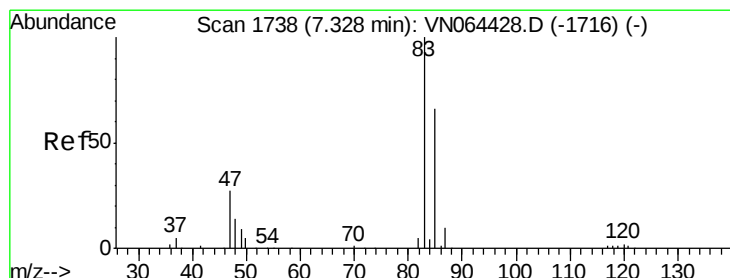
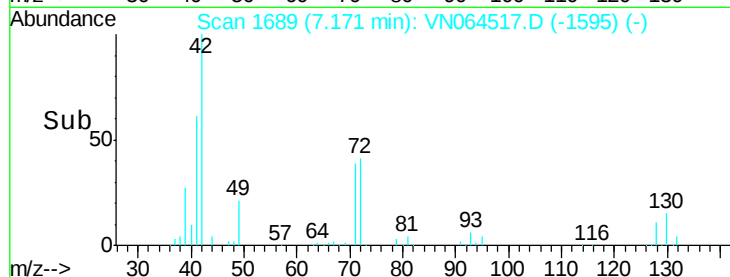
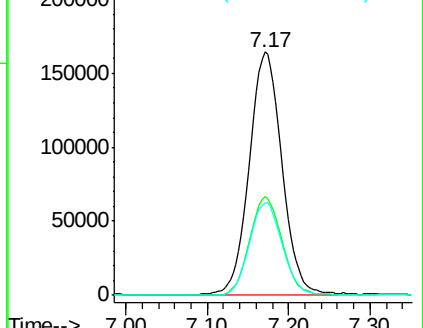
71 38.6 29.8 44.6



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: 49.083 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064517.D

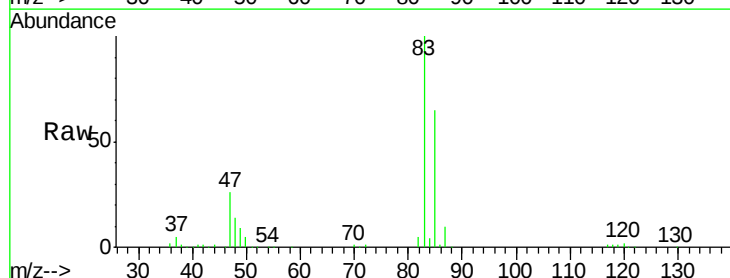
Acq: 10 Nov 2020 11:05

Tgt Ion: 83 Resp: 405162

Ion Ratio Lower Upper

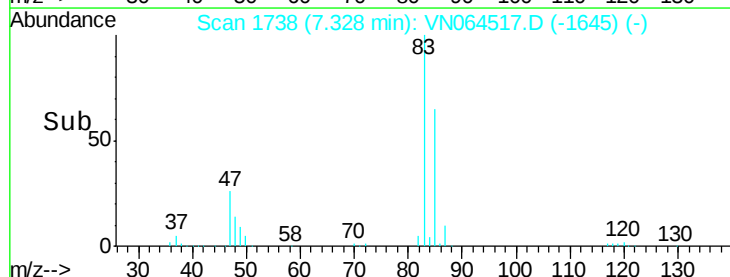
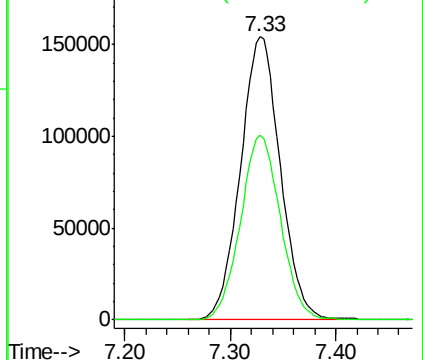
83 100

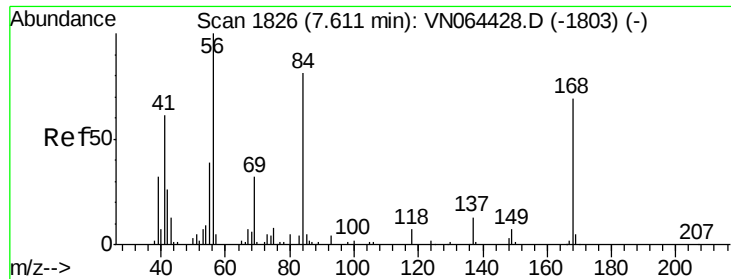
85 65.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 44.355 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

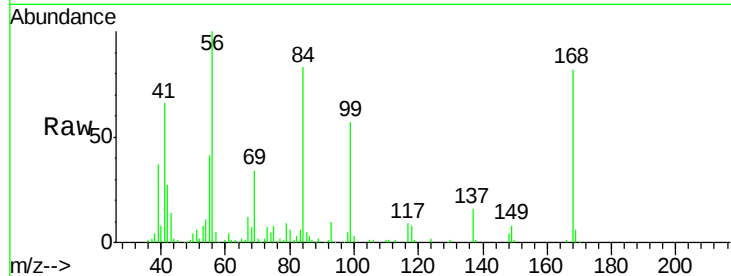
Tot Ion: 56 Resp: 302217

Ion Ratio Lower Upper

56 100

69 33.8 25.6 38.4

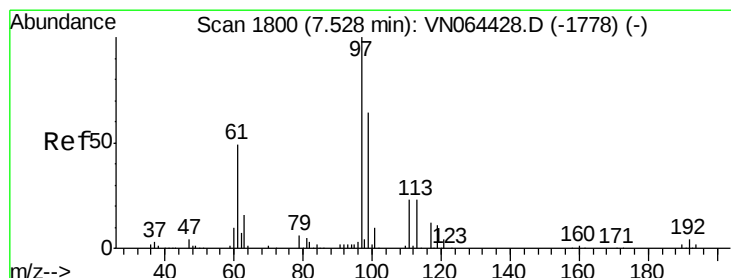
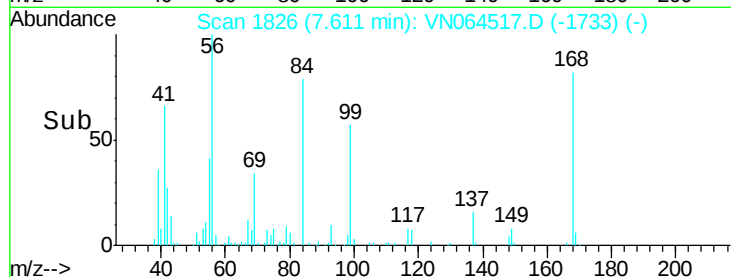
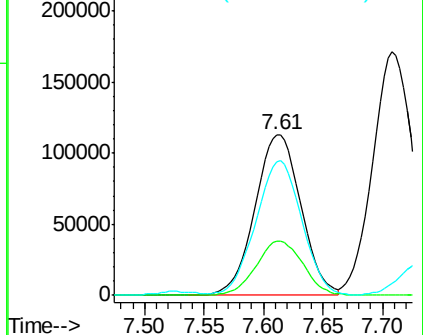
84 81.3 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064517.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064517.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064517.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 49.552 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

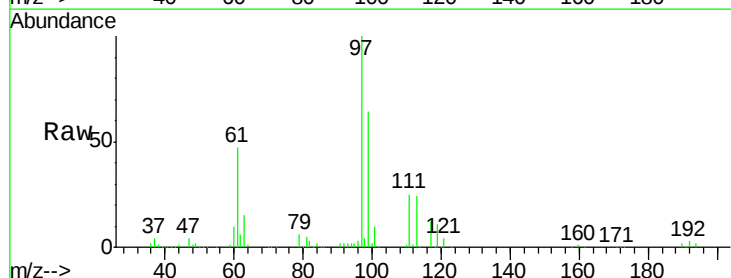
Tgt Ion: 97 Resp: 362786

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

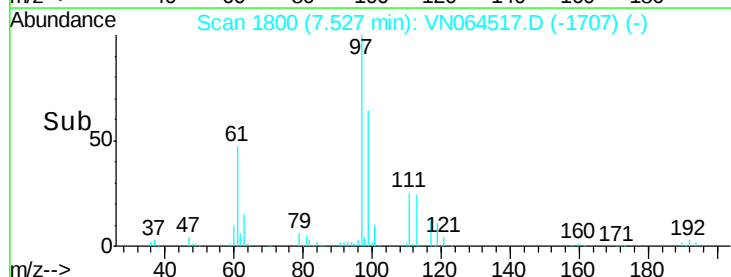
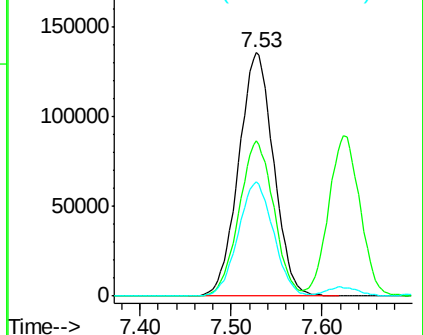
61 47.3 39.1 58.7

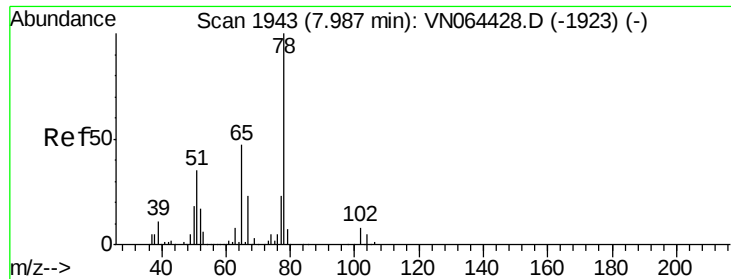


Abundance Ion 96.90 (96.60 to 97.60): VN064517.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064517.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064517.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.781 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

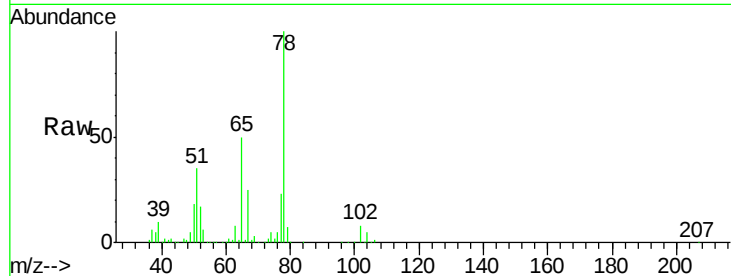
VSTDCCC050

Tot Ion: 65 Resp: 267818

Ion Ratio Lower Upper

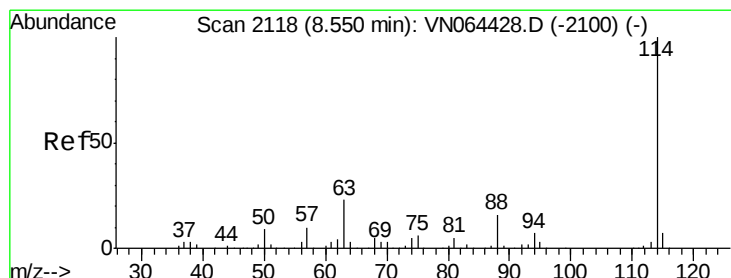
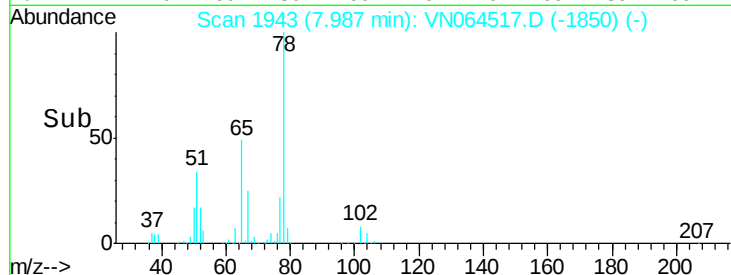
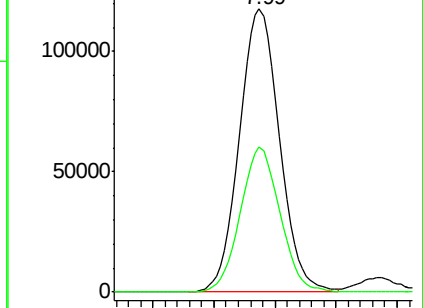
65 100

67 50.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

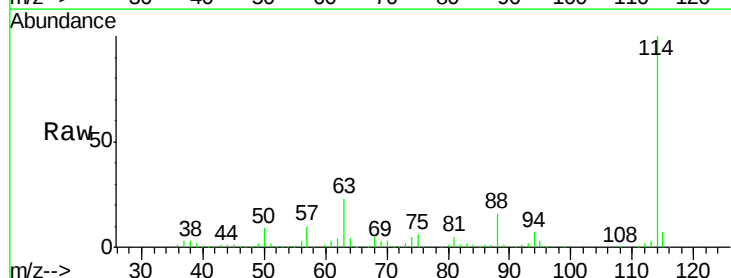
Tgt Ion: 114 Resp: 537088

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

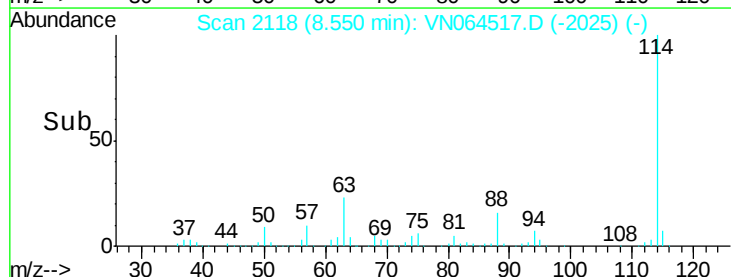
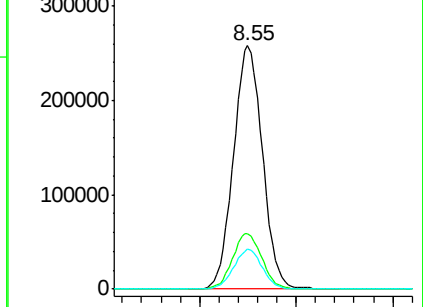
88 16.4 0.0 32.8

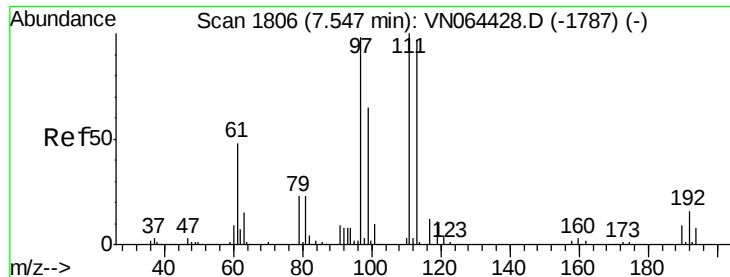


Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

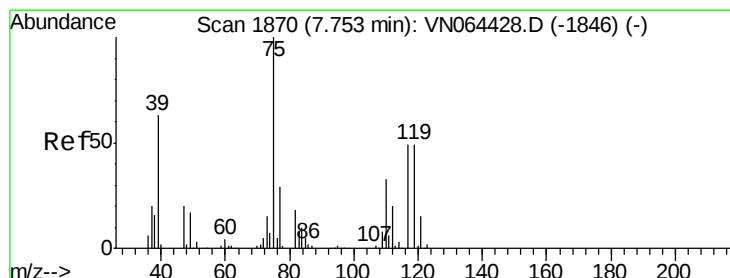
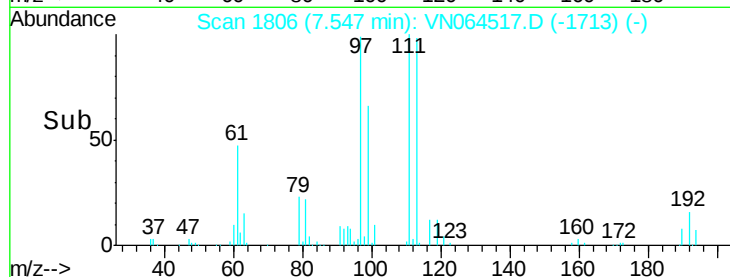
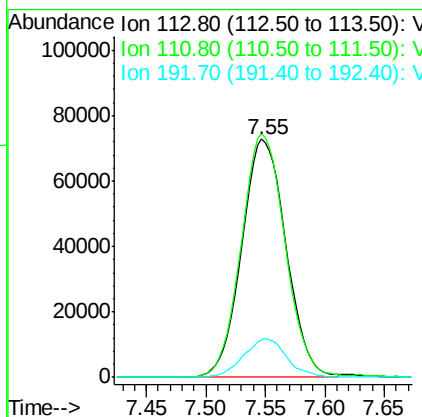
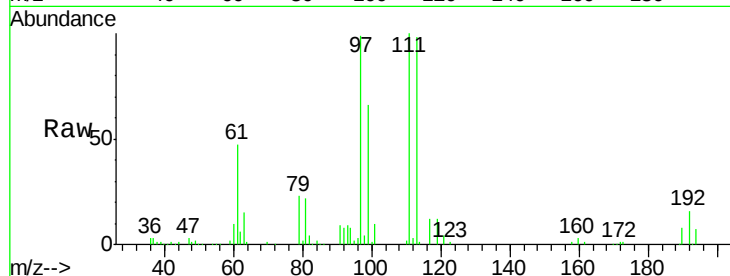




#35
 Dibromofluoromethane
 Concen: 51.216 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

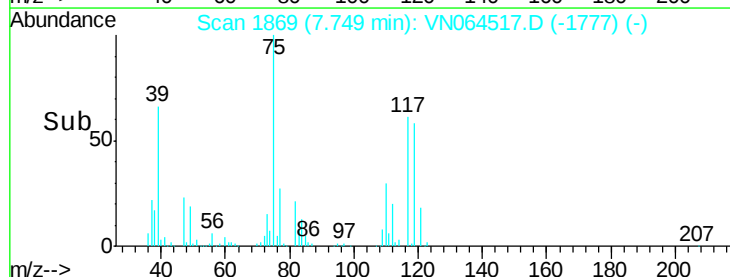
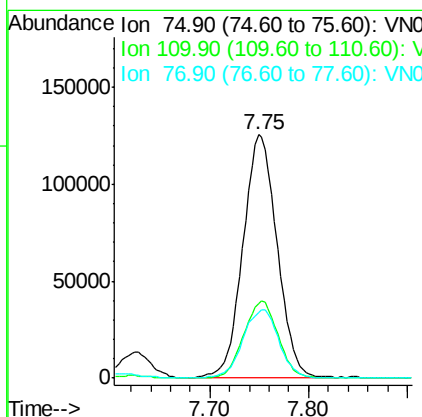
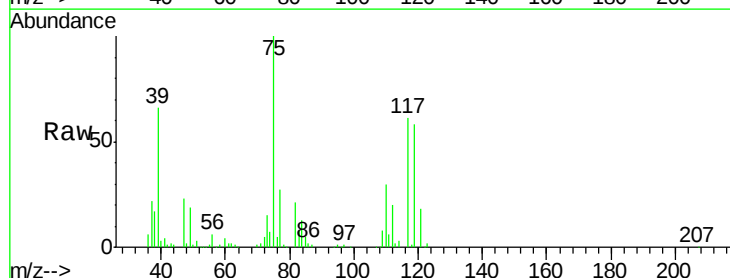
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

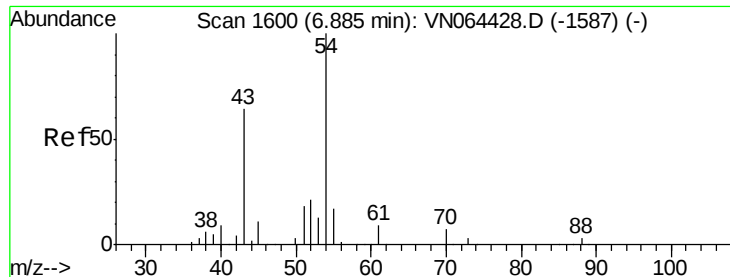
Tot Ion:113 Resp: 187287
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 15.8 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 52.492 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

Tgt Ion: 75 Resp: 297838
 Ion Ratio Lower Upper
 75 100
 110 32.0 16.0 48.0
 77 30.0 24.0 36.0

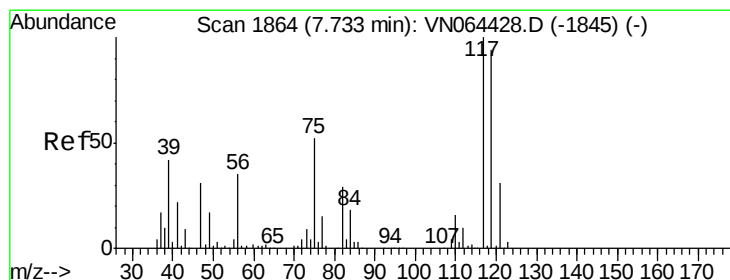
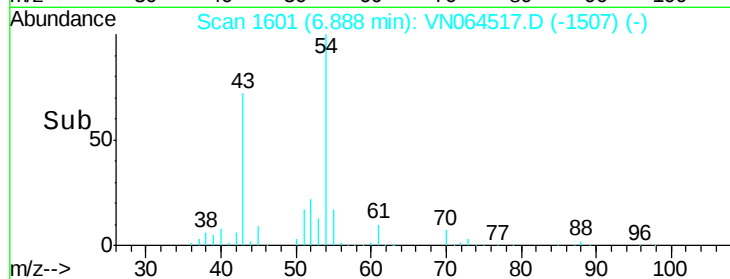
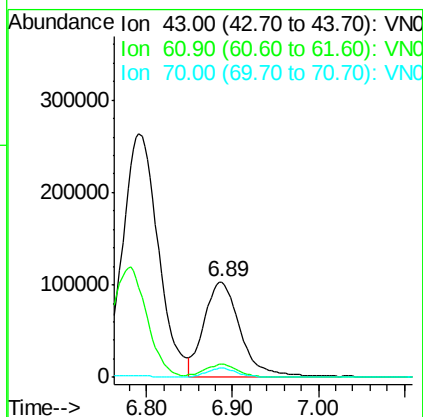
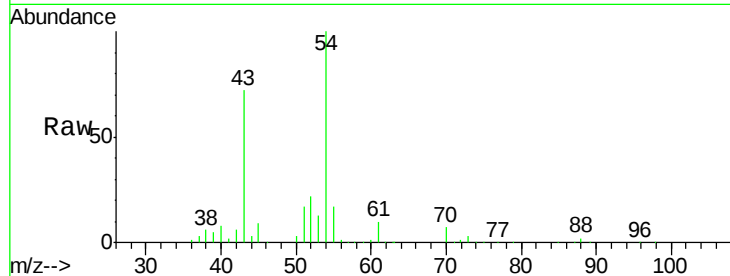




#37
Ethyl Acetate
Concen: 51.918 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

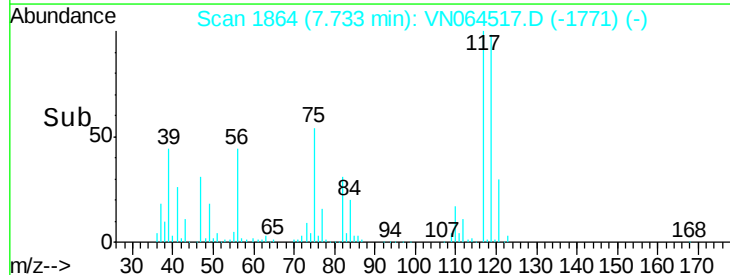
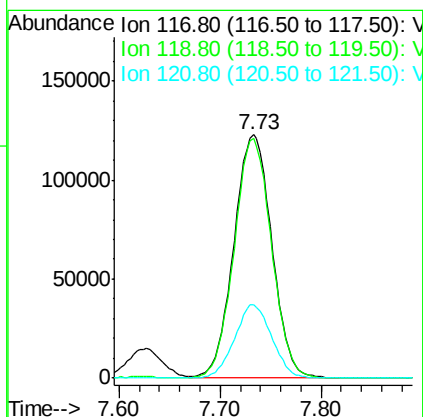
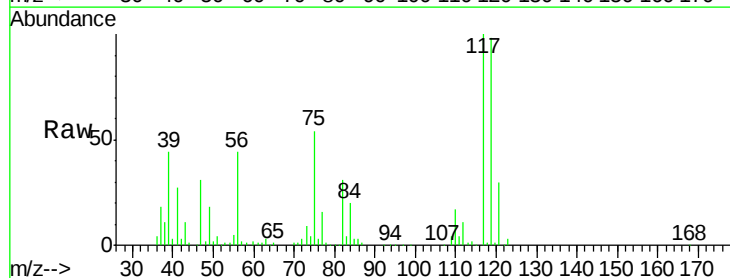
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

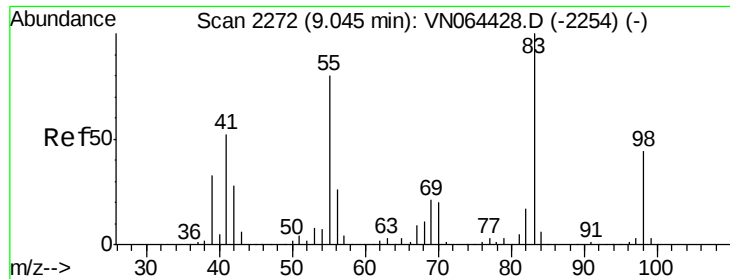
Tot Ion: 43 Resp: 299152
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 8.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 52.758 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 117 Resp: 319929
Ion Ratio Lower Upper
117 100
119 98.3 75.5 113.3
121 30.3 24.4 36.6

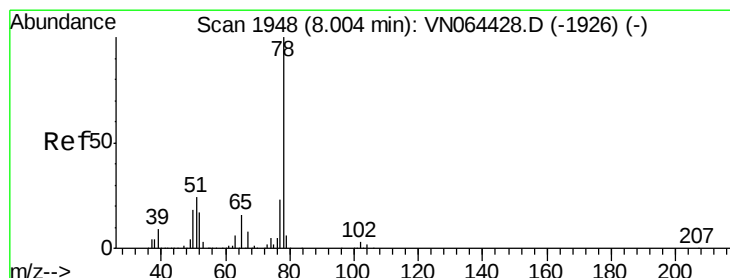
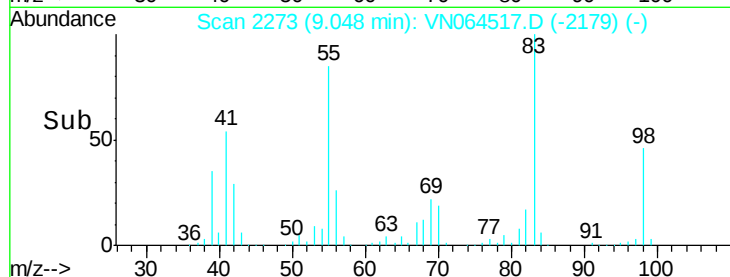
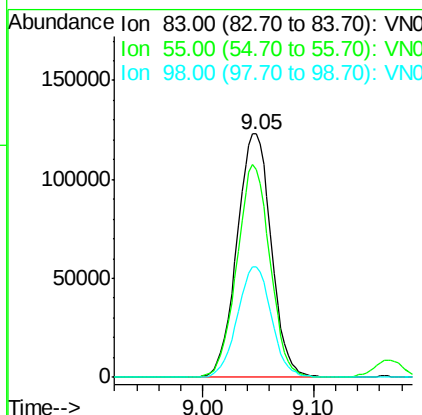
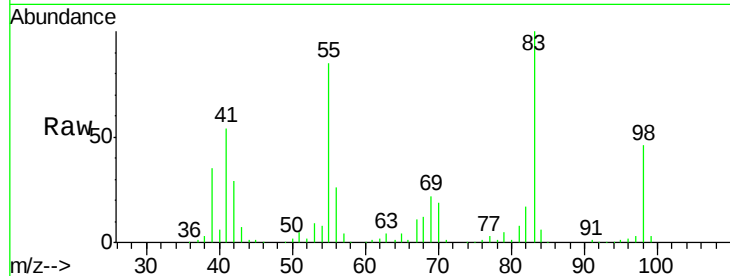




#39
Methvlcvclohexane
Concen: 52.059 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

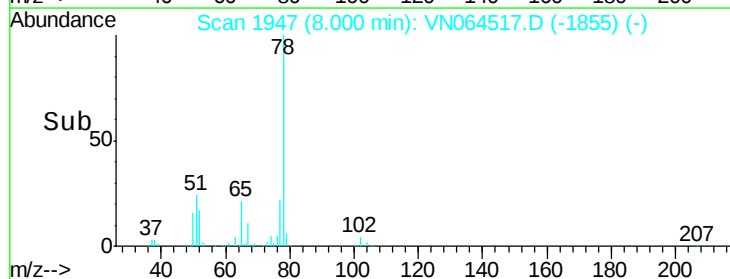
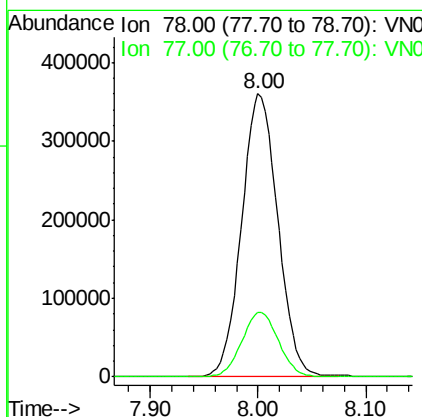
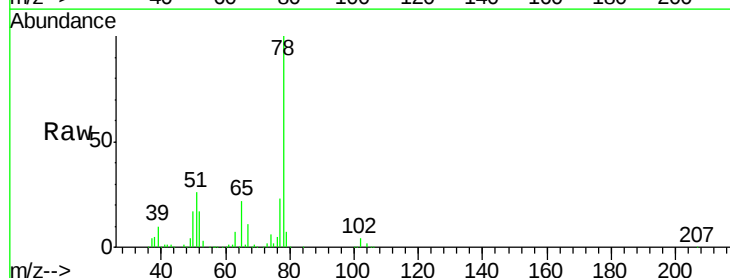
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

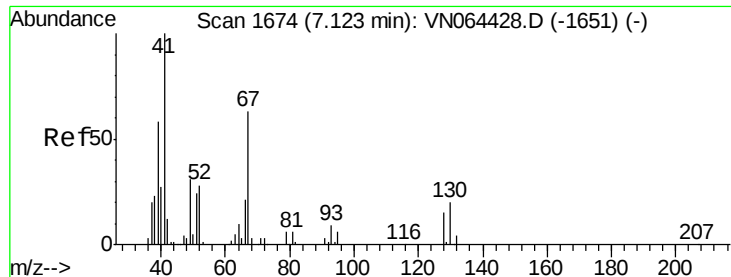
Tot Ion: 83 Resp: 264787
Ion Ratio Lower Upper
83 100
55 85.5 63.8 95.6
98 45.6 35.4 53.2



#40
Benzene
Concen: 50.498 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 78 Resp: 841944
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1

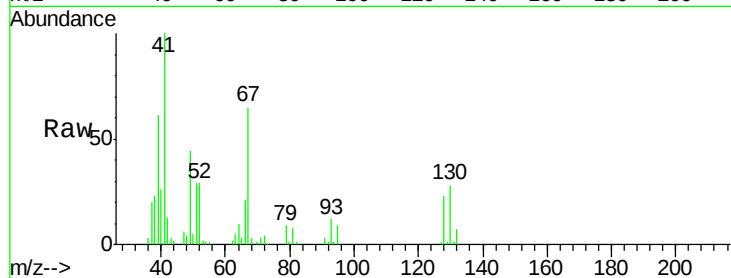




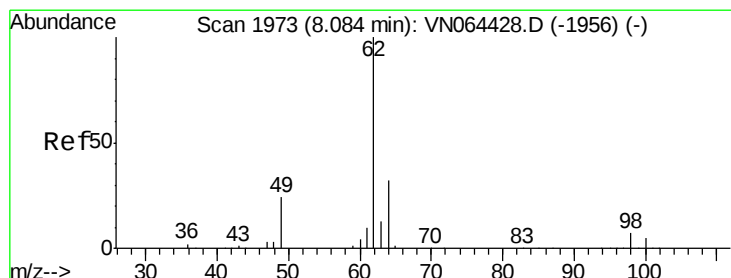
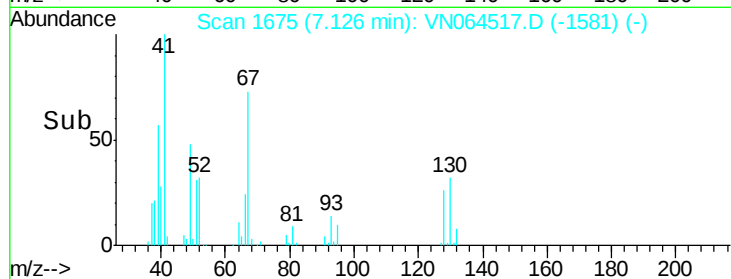
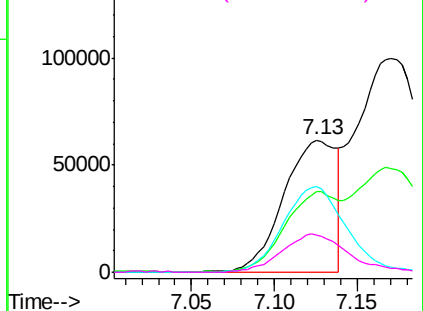
#41
Methacrylonitrile
Concen: 53.837 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	135430
Ion	Ratio	Lower	Upper
41	100		
39	63.6	50.0	75.0
67	79.0	68.3	102.5
52	35.5	32.7	49.1

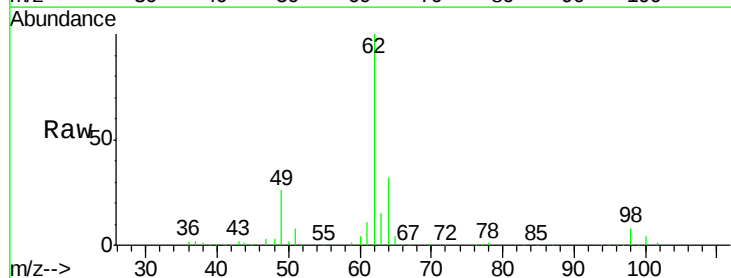


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

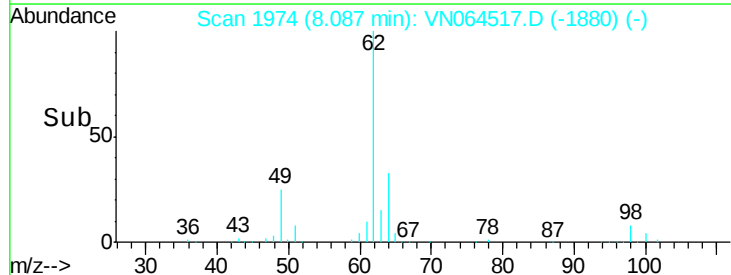
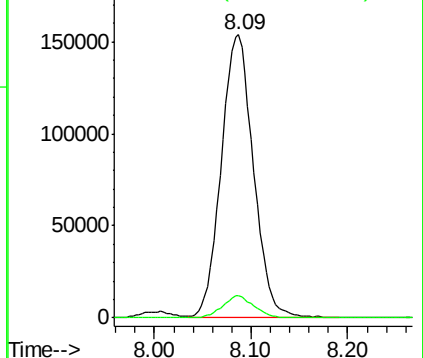


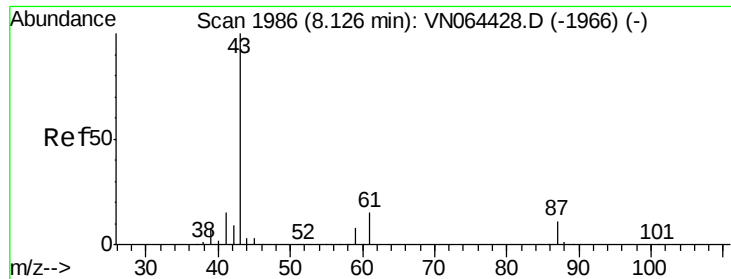
#42
1,2-Dichloroethane
Concen: 52.513 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion:	62	Resp:	353337
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 53.490 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

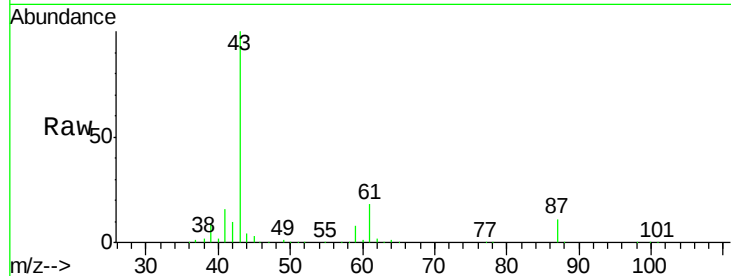
Tot Ion: 43 Resp: 491844

Ion Ratio Lower Upper

43 100

61 18.4 14.0 21.0

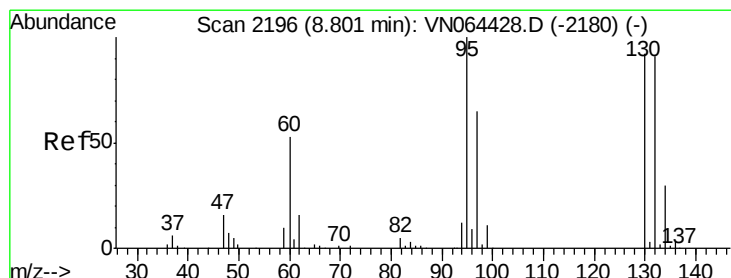
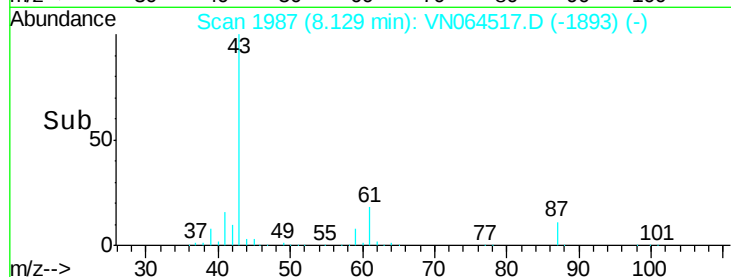
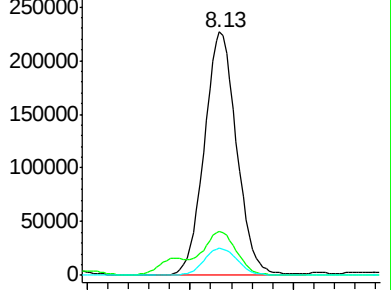
87 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#44

Trichloroethene

Concen: 50.977 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064517.D

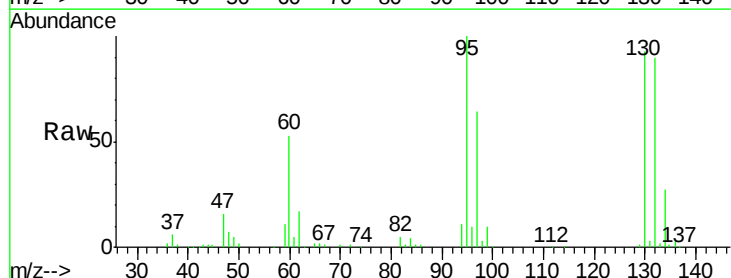
Acq: 10 Nov 2020 11:05

Tgt Ion:130 Resp: 214440

Ion Ratio Lower Upper

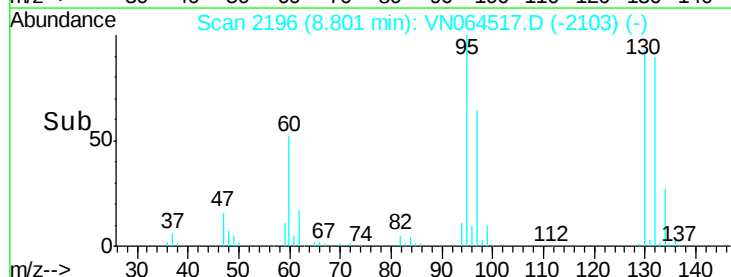
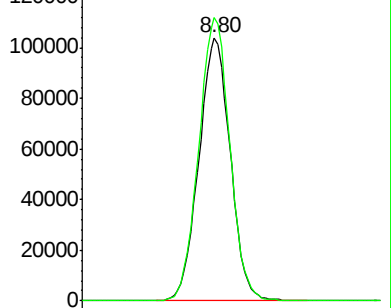
130 100

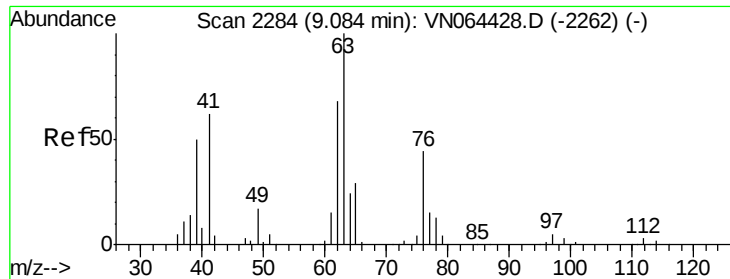
95 107.5 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 52.139 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

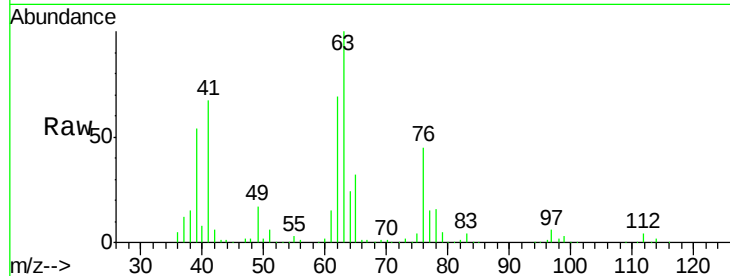
VSTDCCC050

Tot Ion: 63 Resp: 231954

Ion Ratio Lower Upper

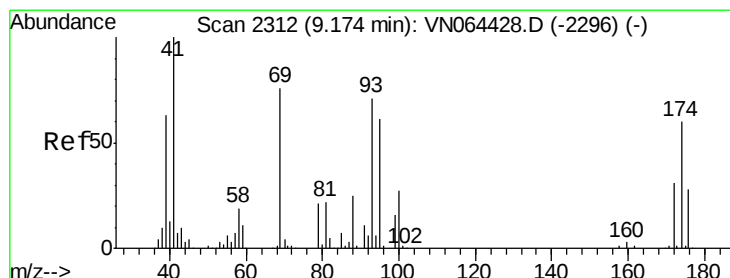
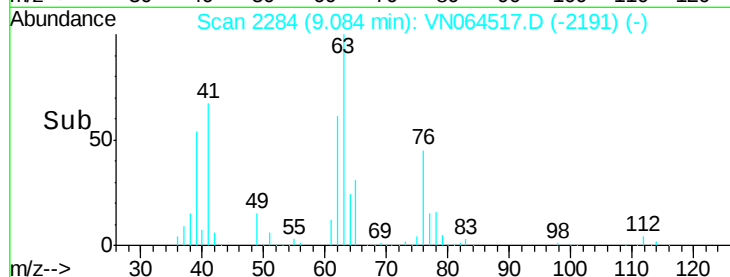
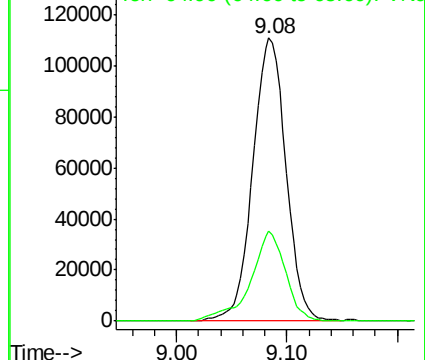
63 100

65 31.7 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 54.534 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

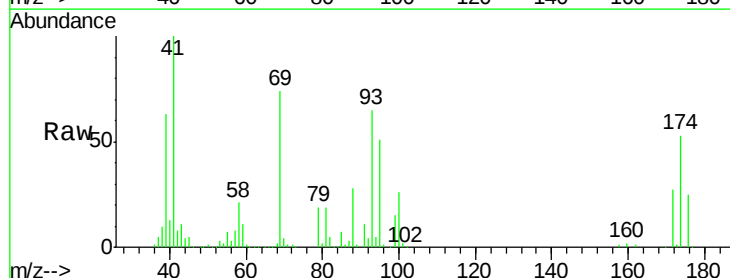
Tgt Ion: 93 Resp: 159705

Ion Ratio Lower Upper

93 100

95 80.5 66.4 99.6

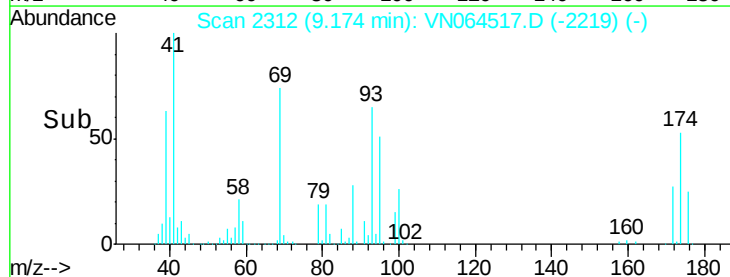
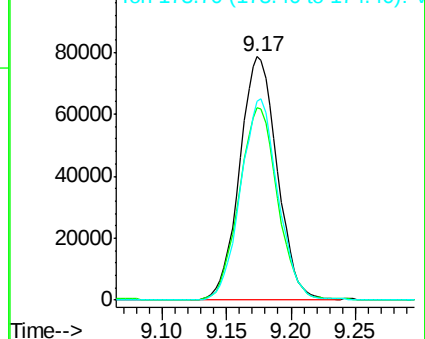
174 82.0 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.386 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

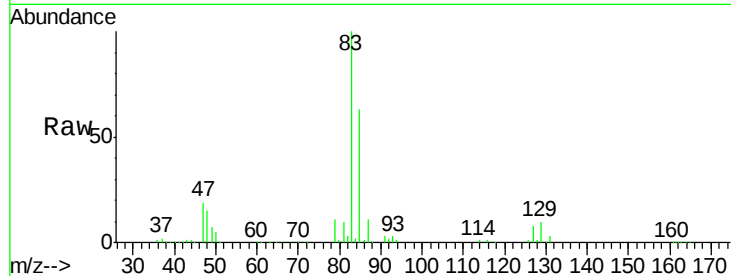
Tot Ion: 83 Resp: 342469

Ion Ratio Lower Upper

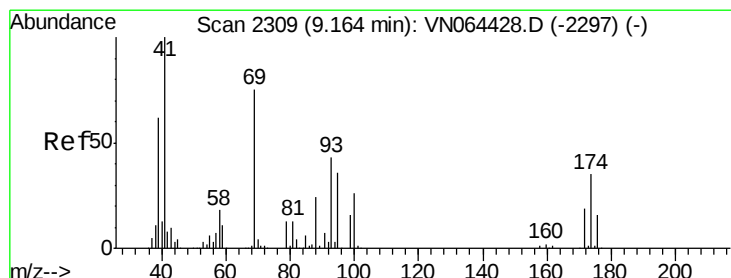
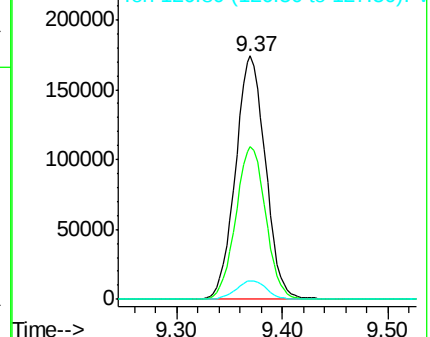
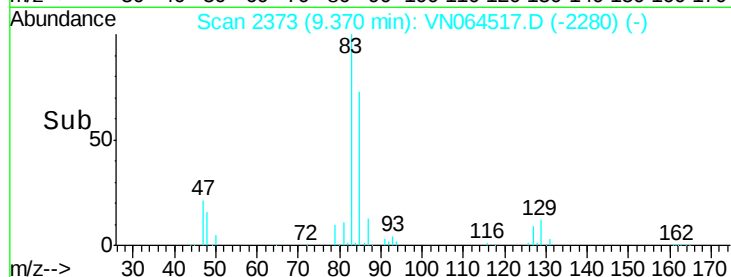
83 100

85 62.5 51.2 76.8

127 7.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064517.D (-2280) (-)



#48

Methyl methacrylate

Concen: 54.726 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

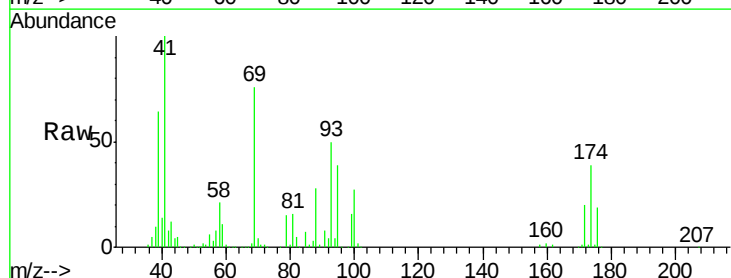
Tgt Ion: 41 Resp: 253925

Ion Ratio Lower Upper

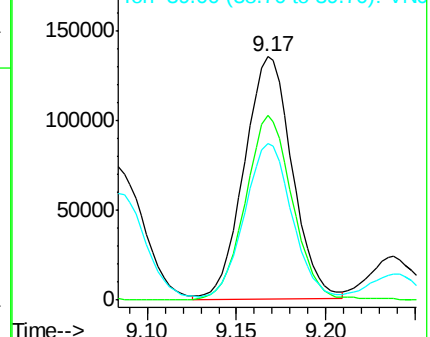
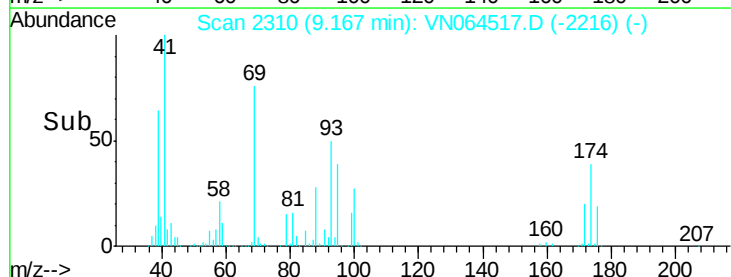
41 100

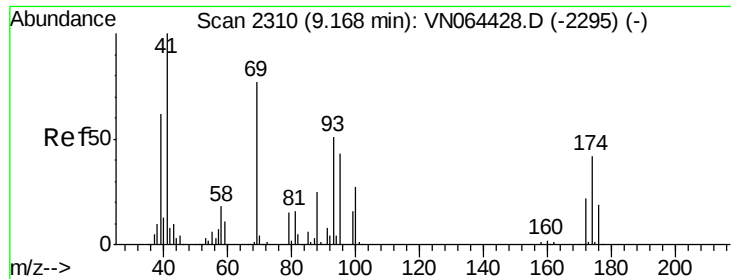
69 75.0 60.4 90.6

39 63.9 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VN064517.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1244.513 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

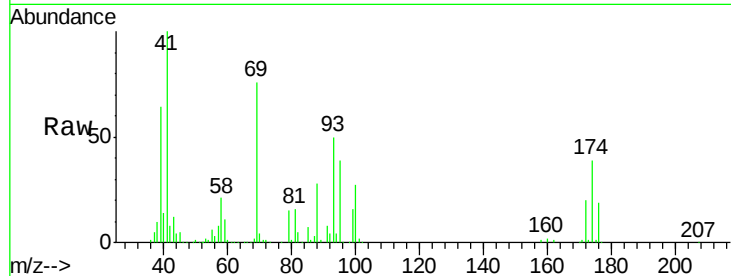
Tot Ion: 88 Resp: 76057

Ion Ratio Lower Upper

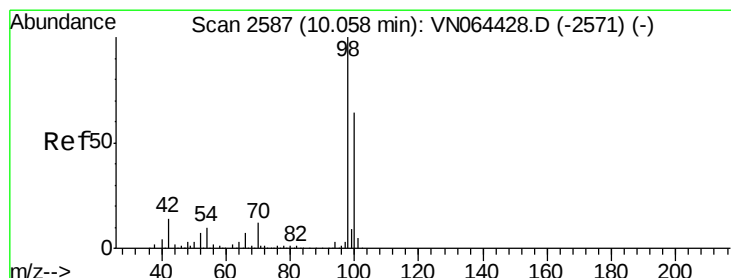
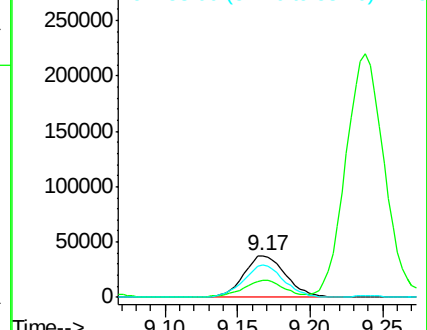
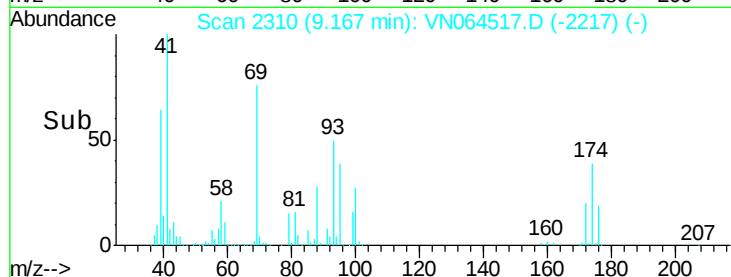
88 100

43 37.9 31.0 46.6

58 73.8 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064517.D (-2217) (-)



#50

Toluene-d8

Concen: 50.096 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064517.D

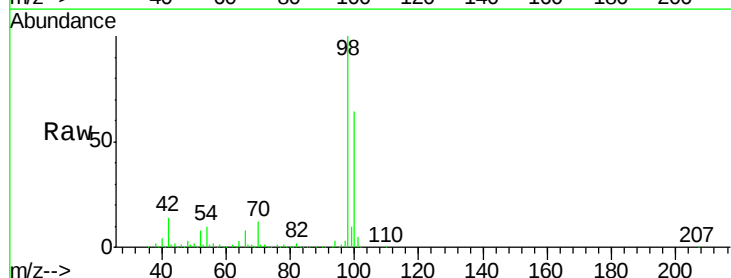
Acq: 10 Nov 2020 11:05

Tgt Ion: 98 Resp: 708040

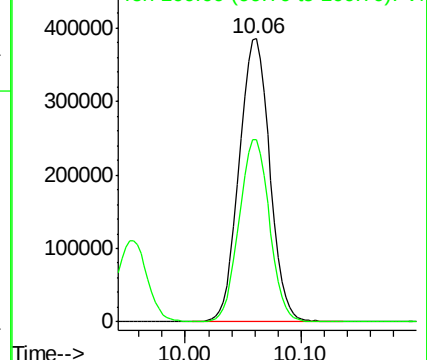
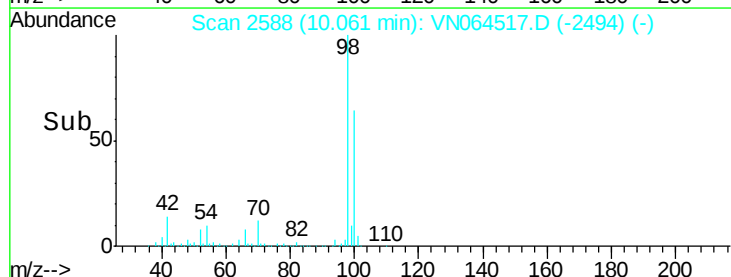
Ion Ratio Lower Upper

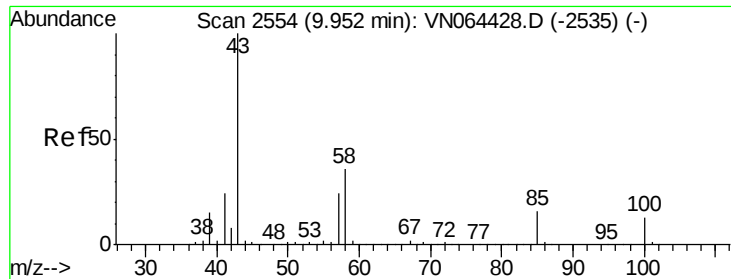
98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064517.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 293.691 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

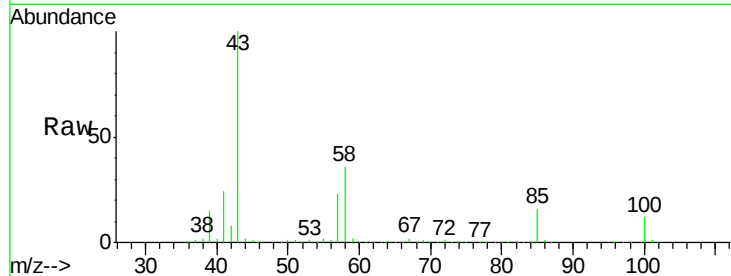
VSTDCCC050

Tot Ion: 43 Resp: 1574868

Ion Ratio Lower Upper

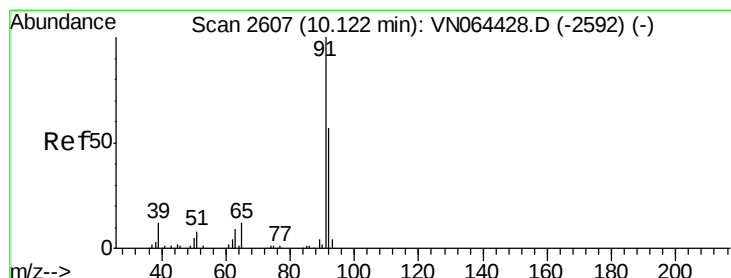
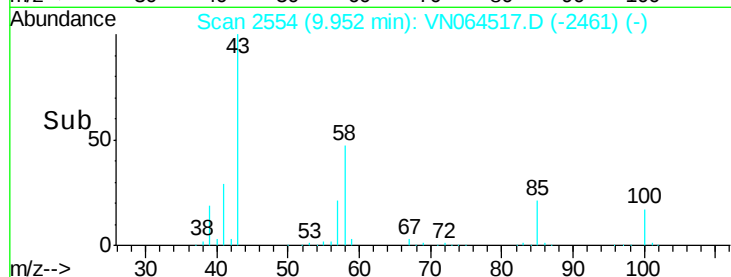
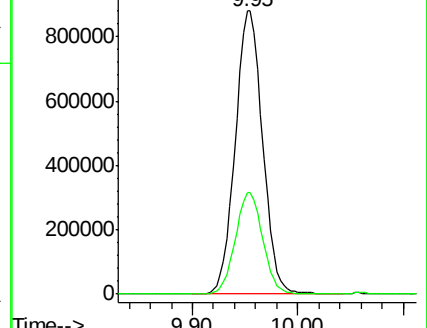
43 100

58 36.1 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)



#52

Toluene

Concen: 53.212 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064517.D

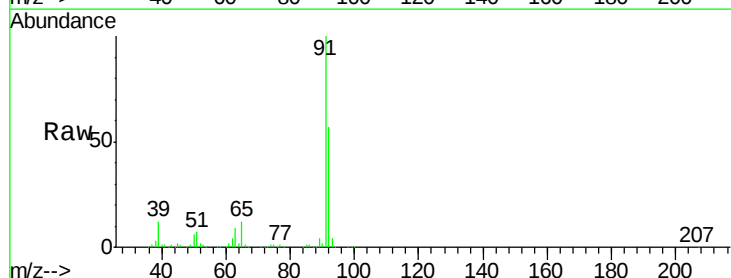
Acq: 10 Nov 2020 11:05

Tgt Ion: 92 Resp: 541117

Ion Ratio Lower Upper

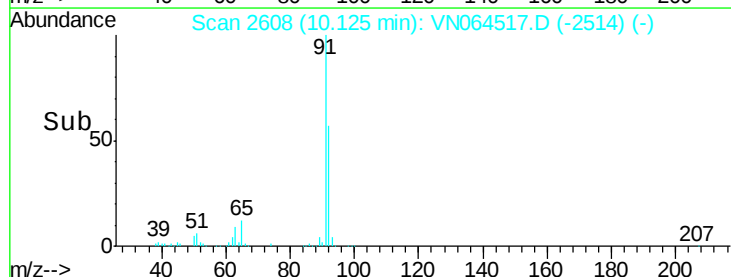
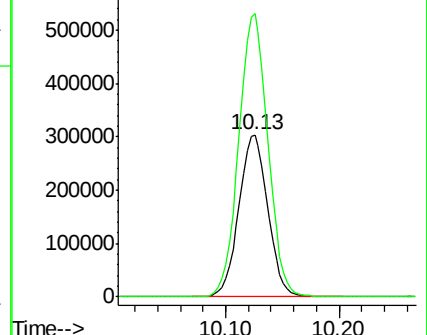
92 100

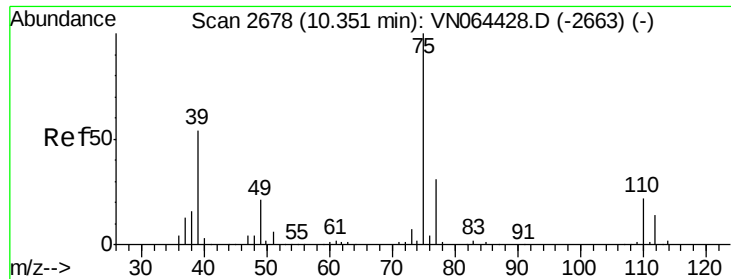
91 175.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

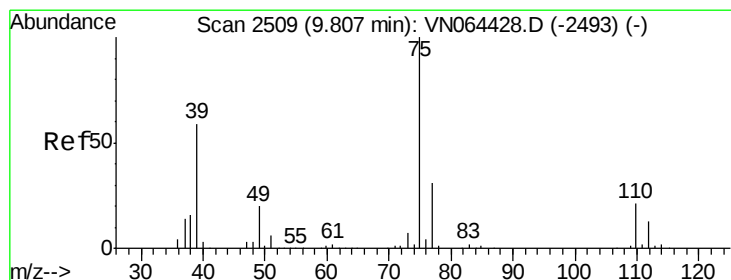
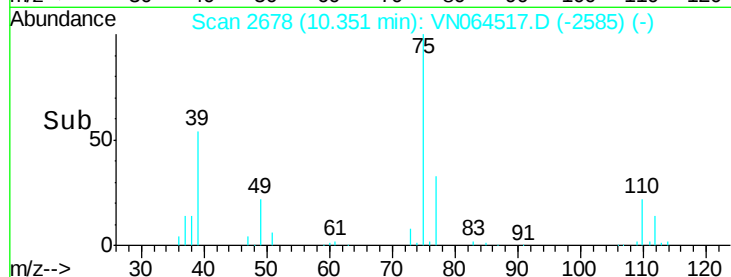
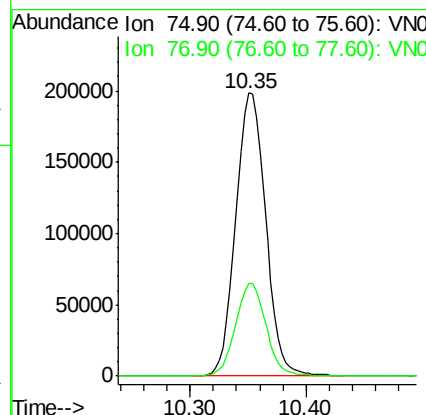
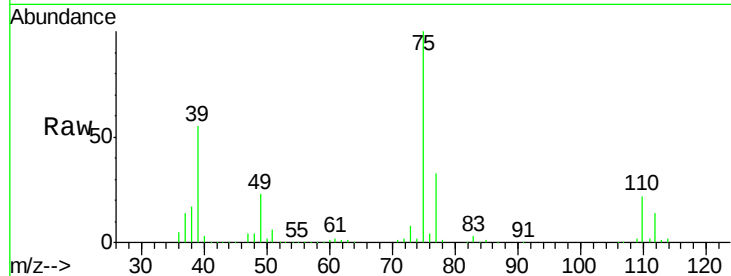




#53
 t-1,3-Dichloropropene
 Concen: 53.148 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

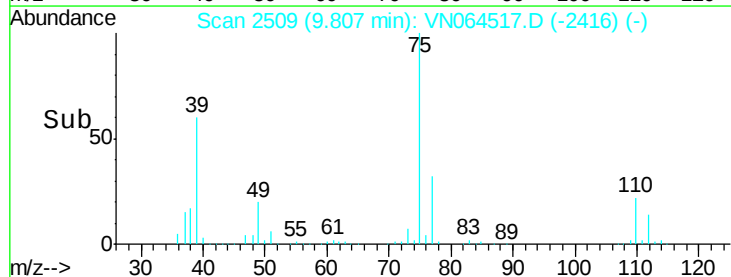
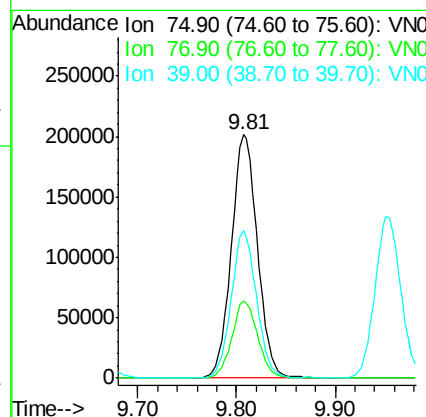
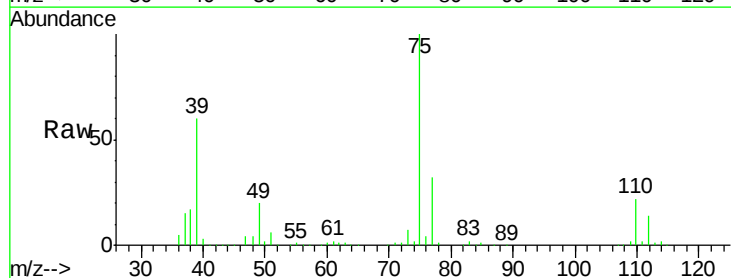
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

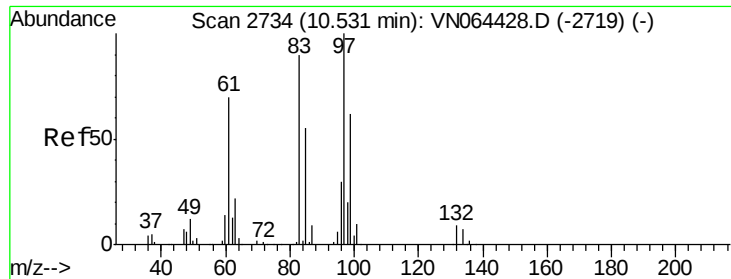
Tot Ion: 75 Resp: 354808
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.253 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

Tgt Ion: 75 Resp: 372970
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.9 37.3
 39 60.3 47.1 70.7

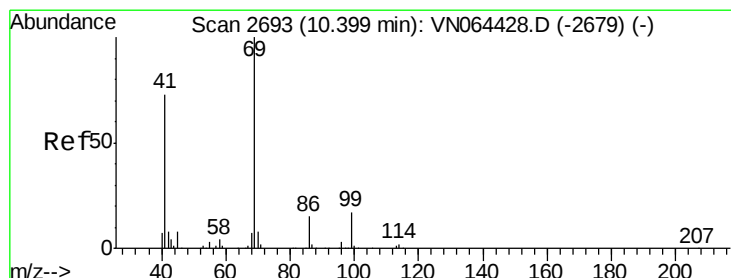
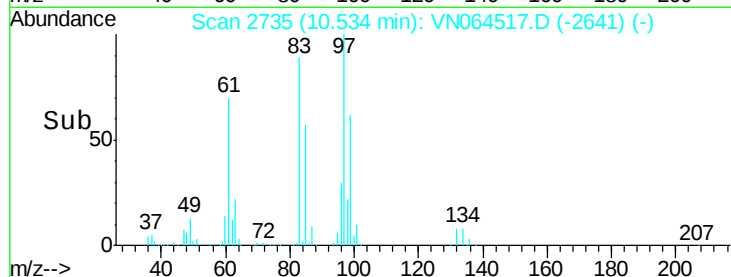
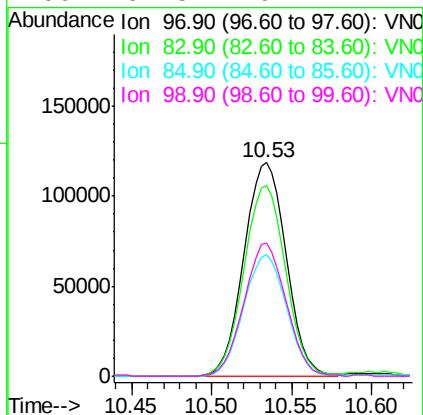
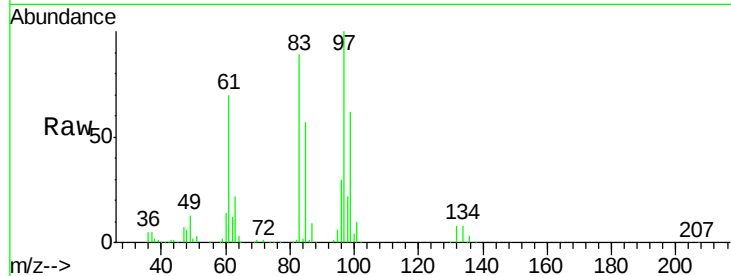




#55
 1,1,2-Trichloroethane
 Concen: 54.098 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

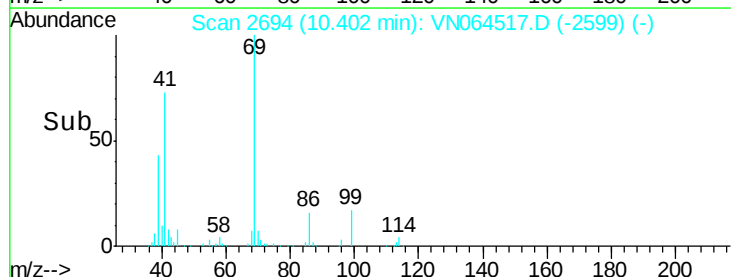
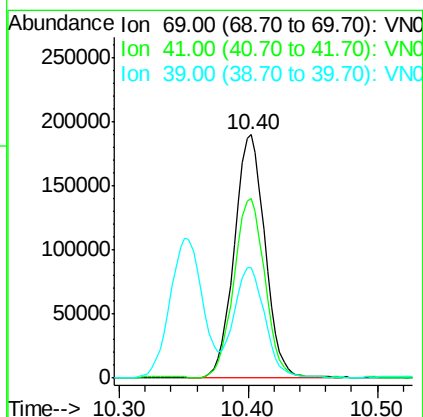
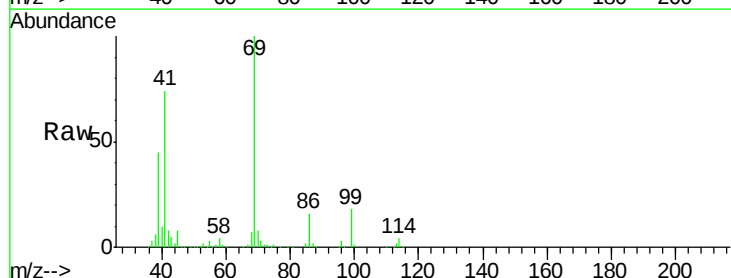
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

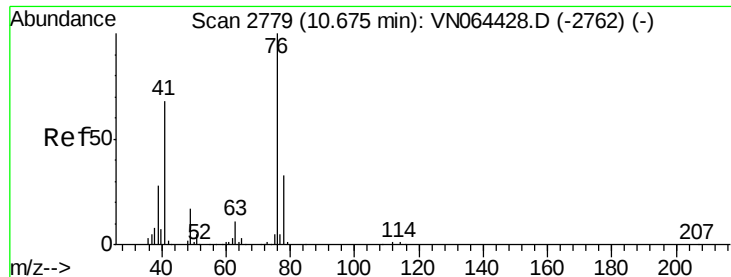
Tot Ion:	97	Resp:	214547
Ion	Ratio	Lower	Upper
97	100		
83	89.5	71.7	107.5
85	56.8	44.3	66.5
99	62.5	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 48.411 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

Tgt Ion:	69	Resp:	315488
Ion	Ratio	Lower	Upper
69	100		
41	73.9	59.3	88.9
39	45.9	35.4	53.0

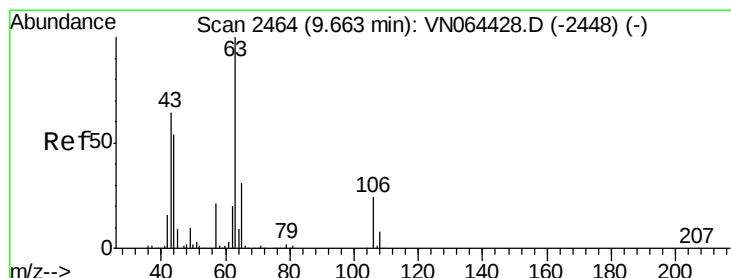
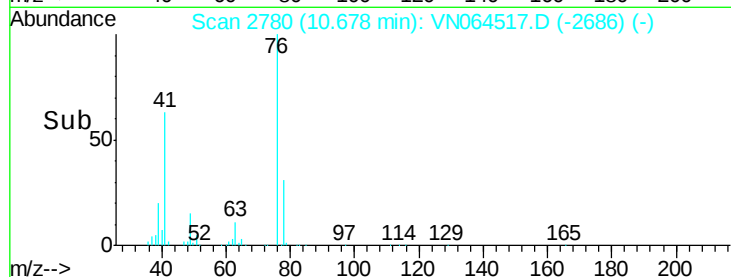
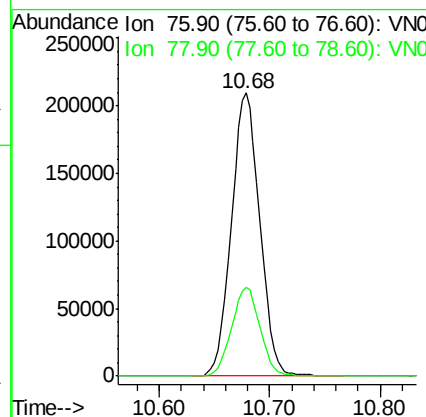
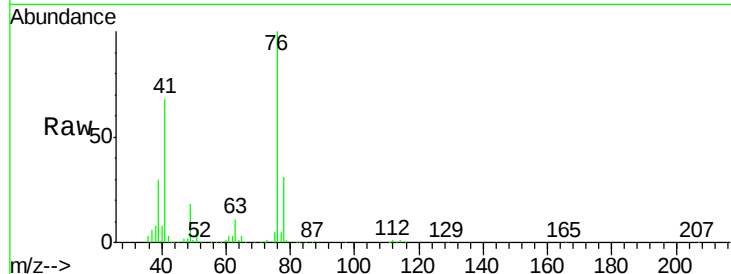




#57
 1,3-Dichloropropane
 Concen: 53.824 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

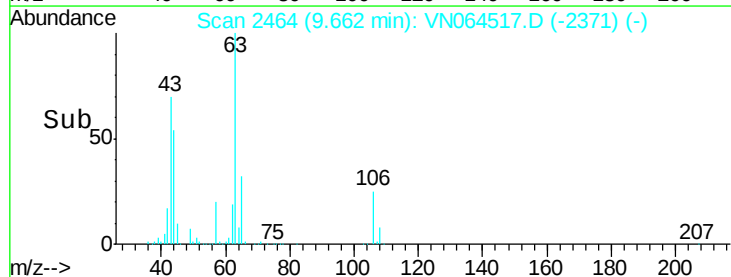
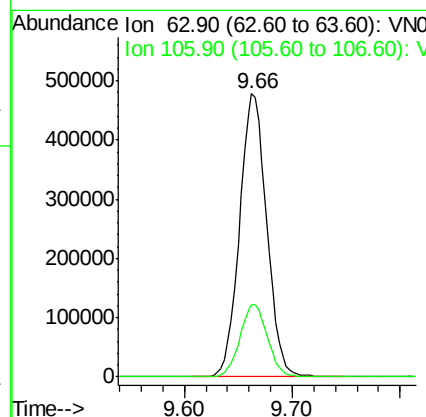
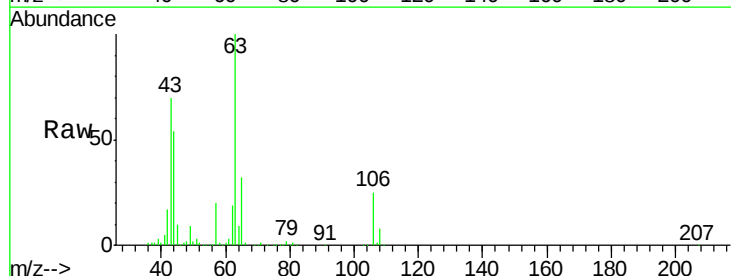
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

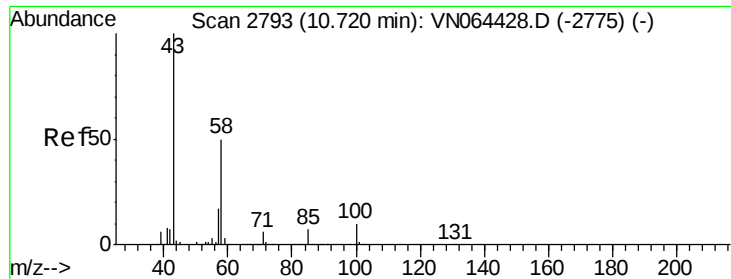
Tot Ion: 76 Resp: 372587
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.377 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

Tgt Ion: 63 Resp: 839556
 Ion Ratio Lower Upper
 63 100
 106 25.7 19.5 29.3

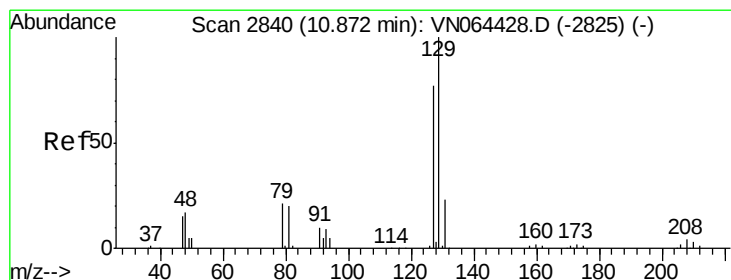
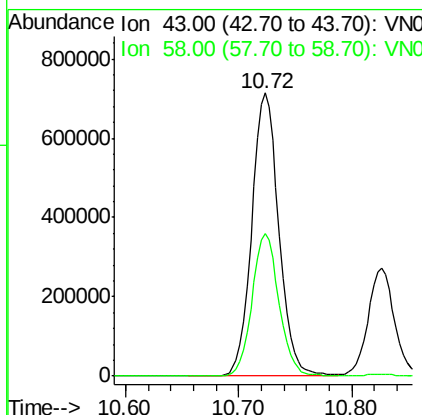
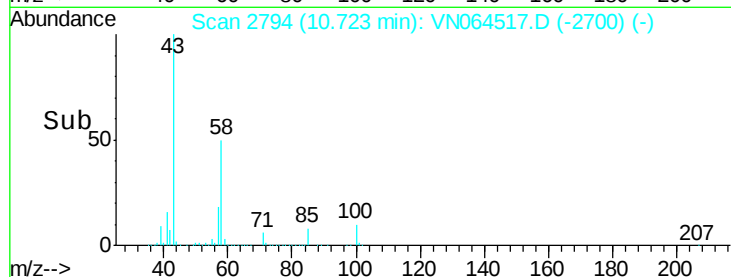
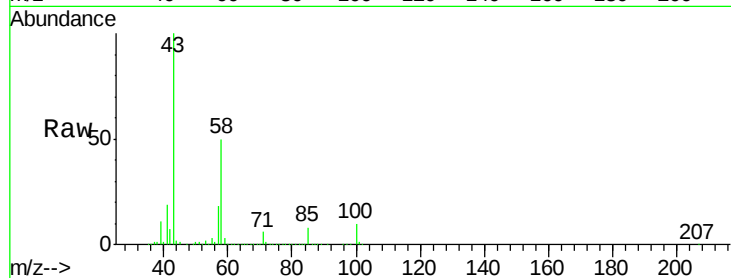




#59
2-Hexanone
Concen: 270.732 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

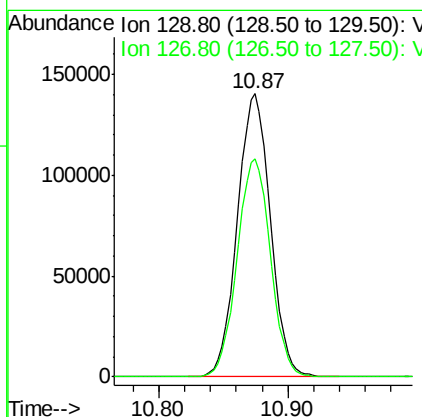
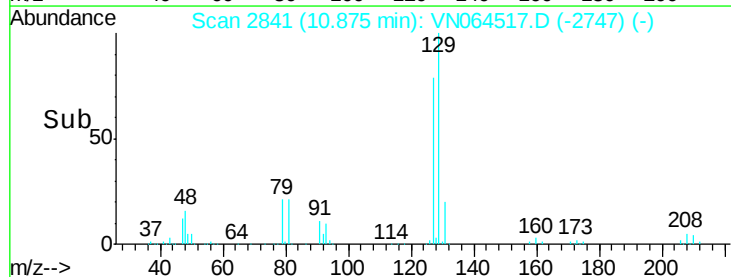
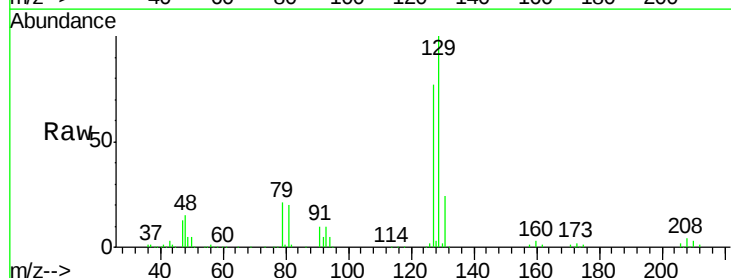
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

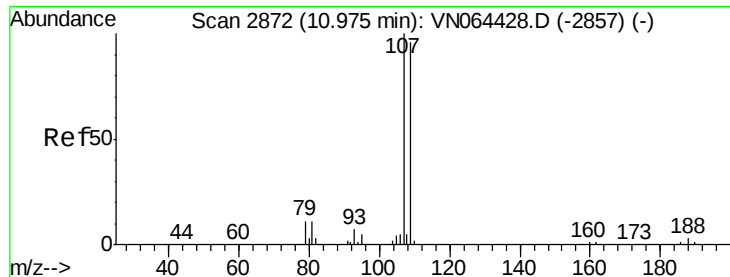
Tot Ion: 43 Resp: 1185305
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1



#60
Dibromochloromethane
Concen: 56.424 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 129 Resp: 250535
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 55.190 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampled :

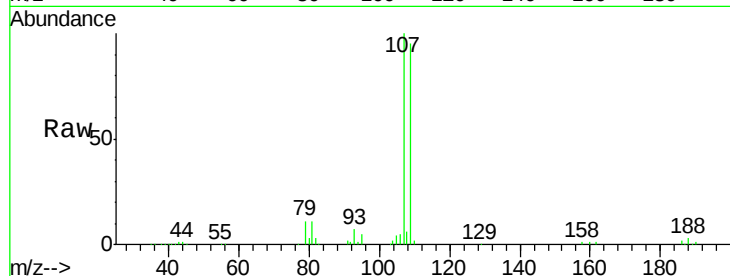
VSTDCCC050

Tot Ion: 107 Resp: 222010

Ion Ratio Lower Upper

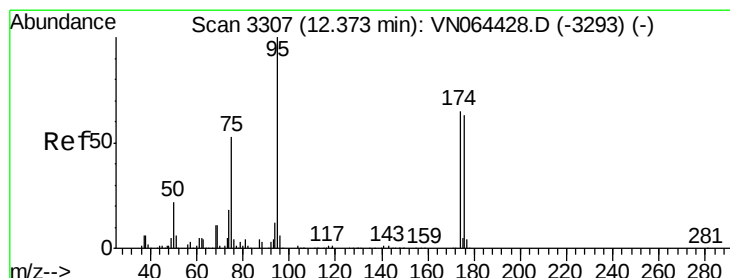
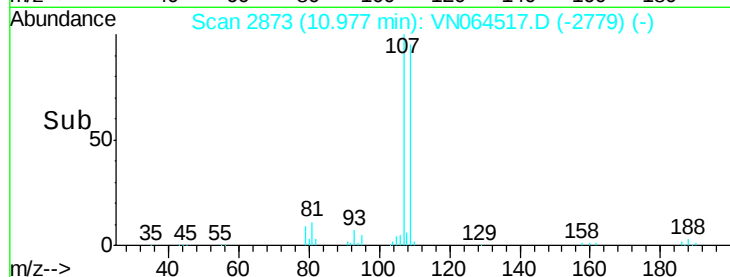
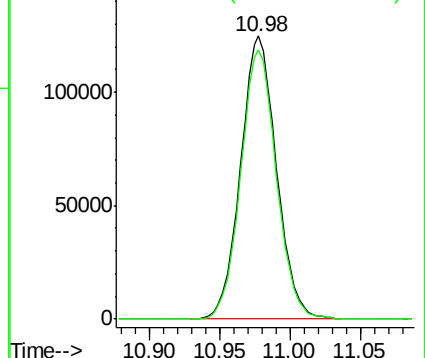
107 100

109 94.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.832 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

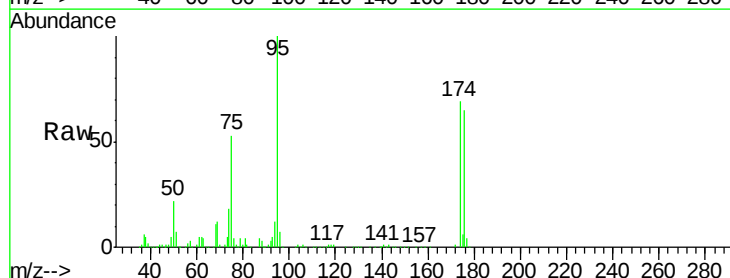
Tgt Ion: 95 Resp: 271705

Ion Ratio Lower Upper

95 100

174 69.3 0.0 132.6

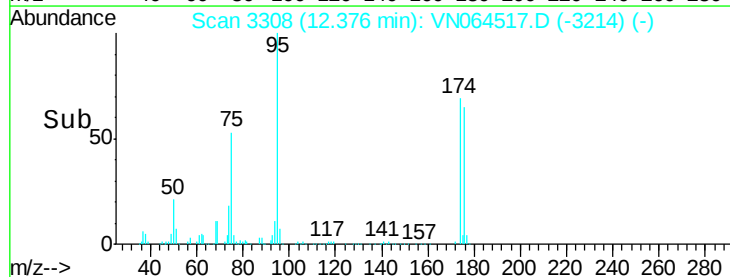
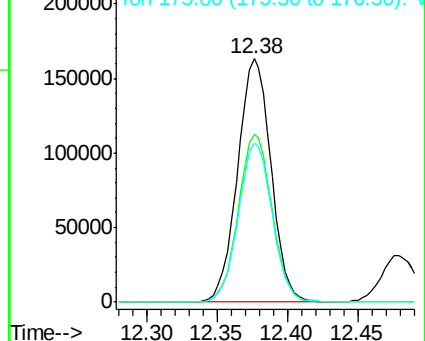
176 66.1 0.0 129.2

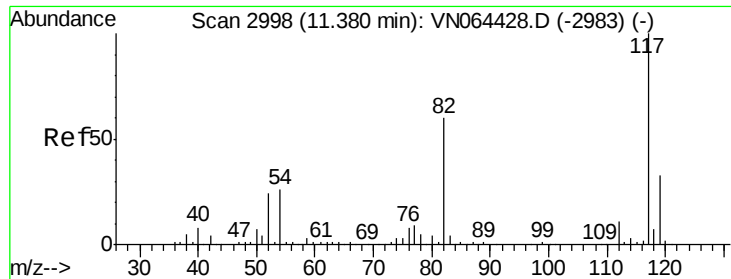


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

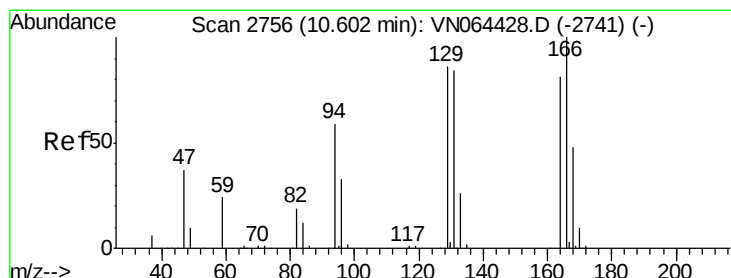
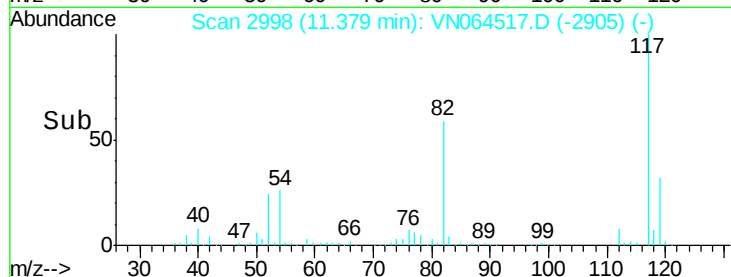
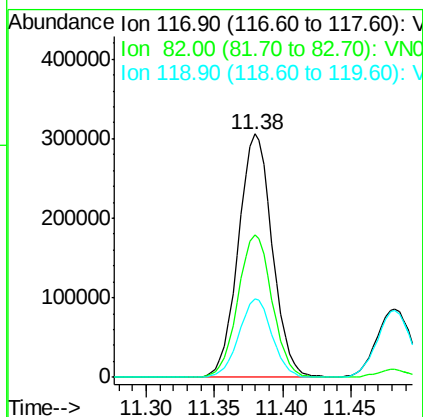
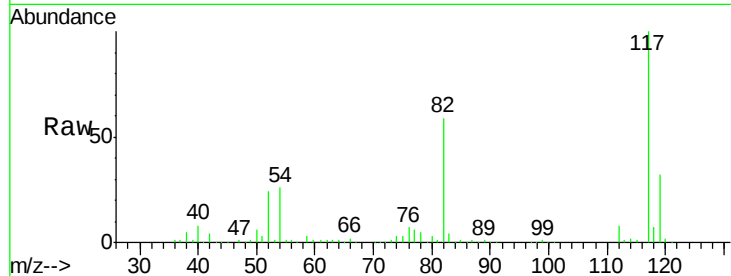




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

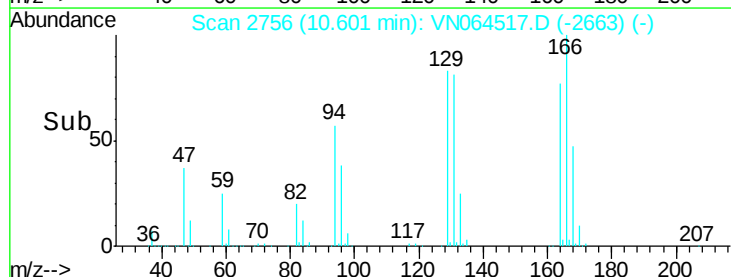
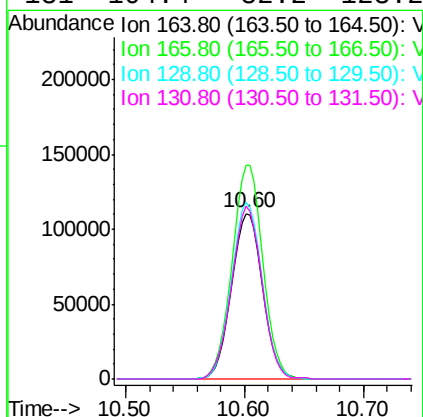
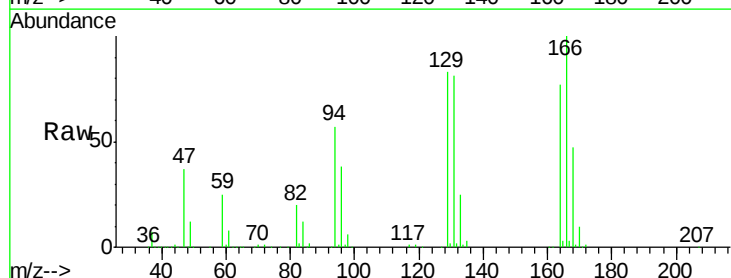
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

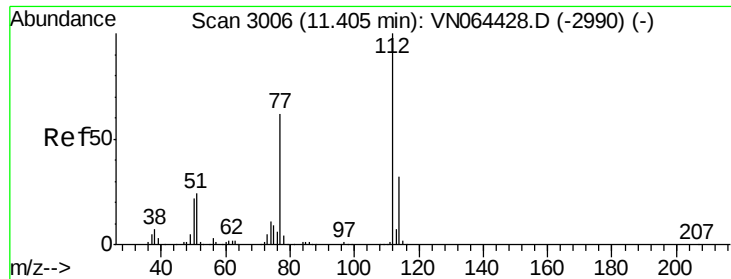
Tot Ion:117 Resp: 528234
Ion Ratio Lower Upper
117 100
82 58.5 48.1 72.1
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 49.062 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion:164 Resp: 199631
Ion Ratio Lower Upper
164 100
166 129.1 98.2 147.2
129 106.8 84.6 127.0
131 104.4 82.2 123.2

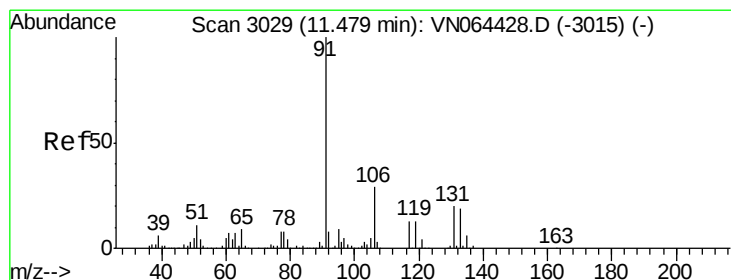
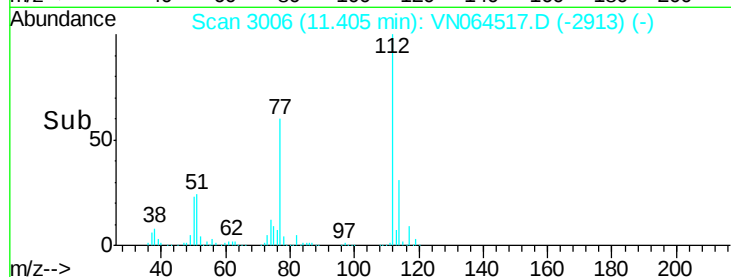
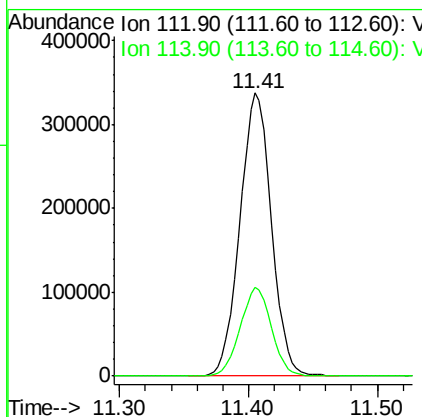
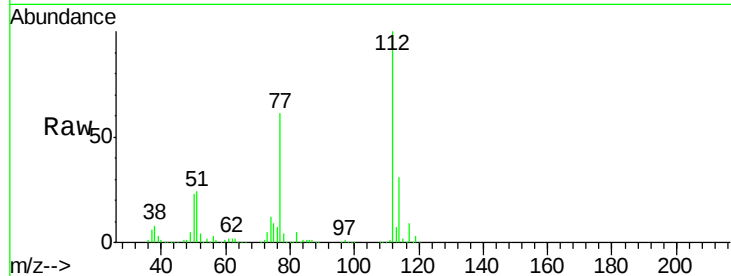




#65
Chlorobenzene
Concen: 49.396 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

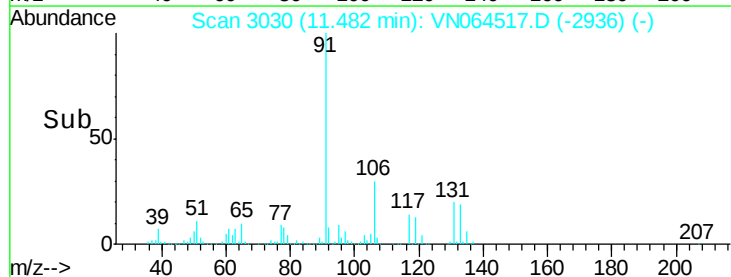
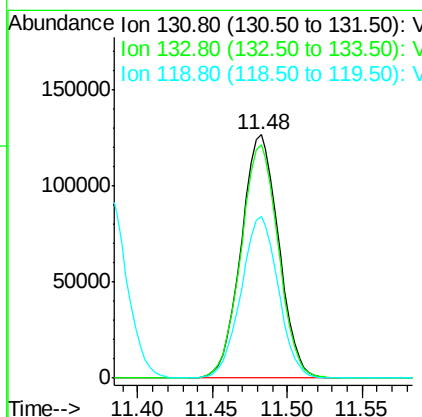
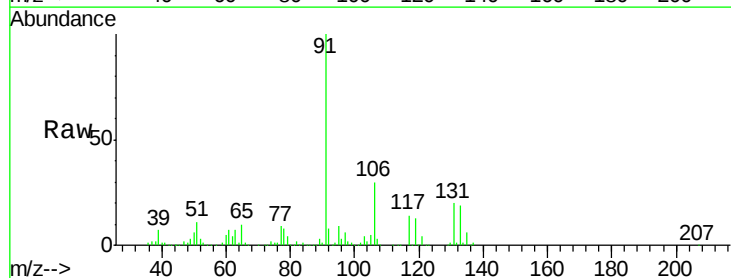
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

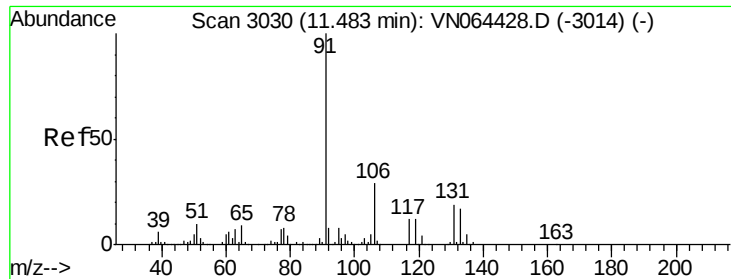
Tot Ion:112 Resp: 572006
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.287 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion:131 Resp: 221566
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.7
119 65.8 32.1 96.5

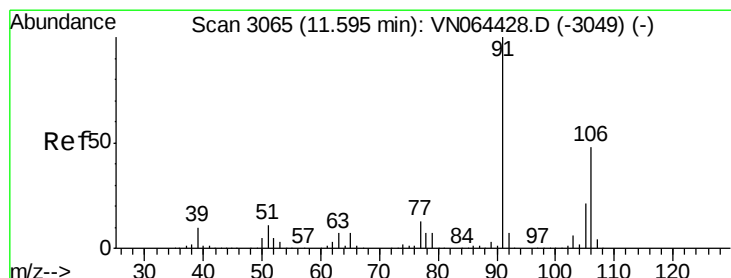
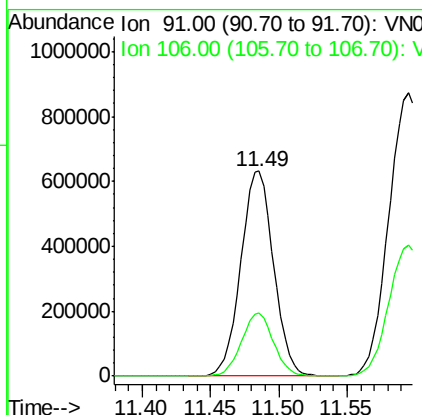
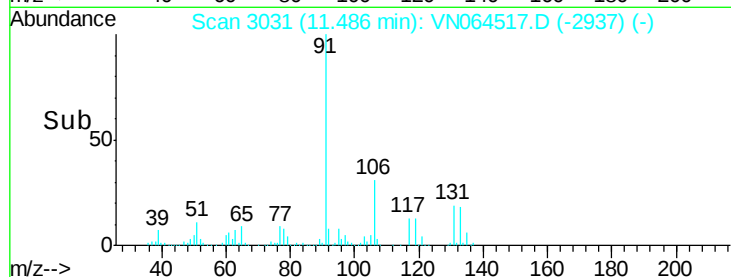
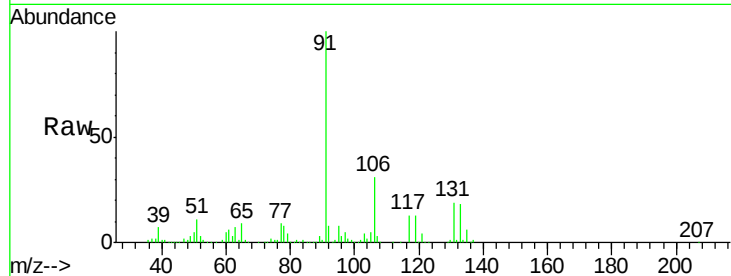




#67
Ethyl Benzene
Concen: 51.199 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

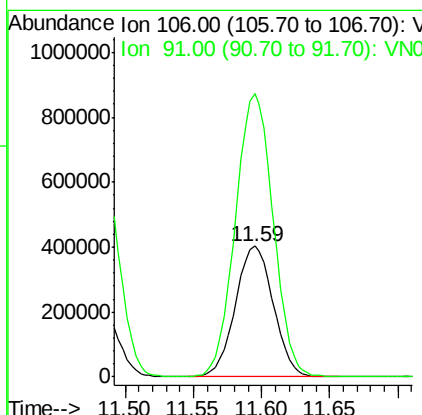
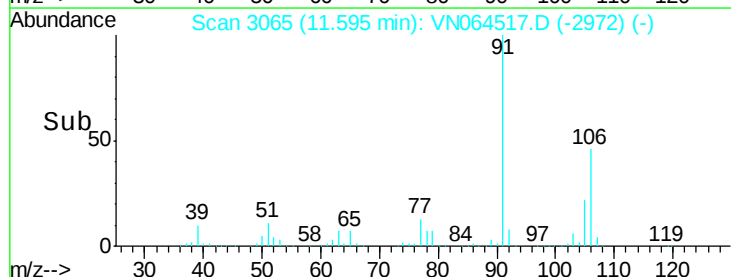
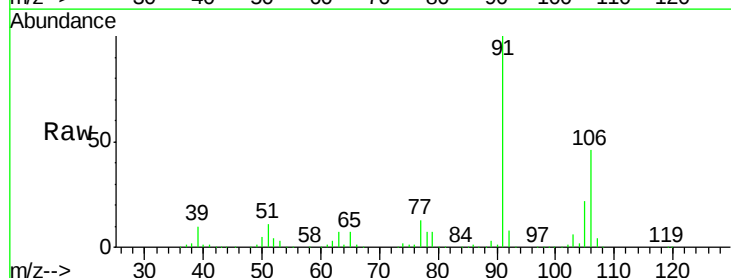
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

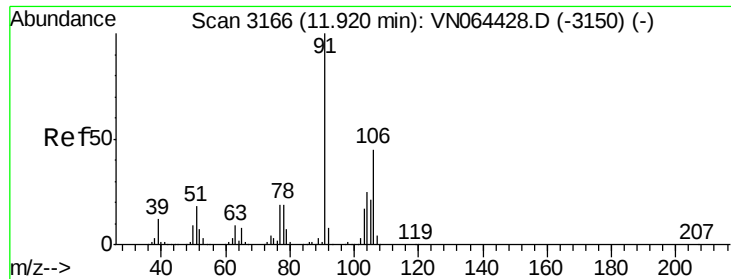
Tot Ion: 91 Resp: 1054590
Ion Ratio Lower Upper
91 100
106 30.5 23.6 35.4



#68
m/p-Xylenes
Concen: 103.959 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 106 Resp: 776578
Ion Ratio Lower Upper
106 100
91 216.2 169.4 254.2

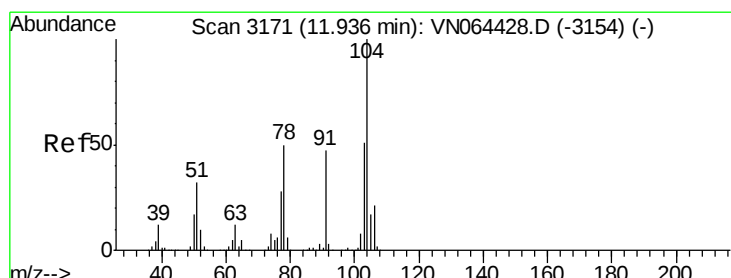
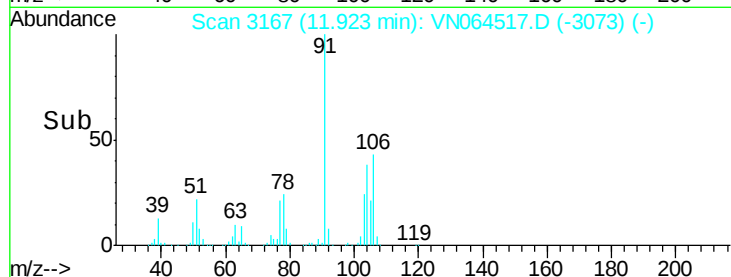
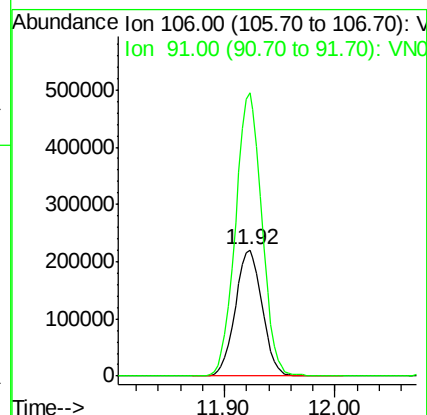
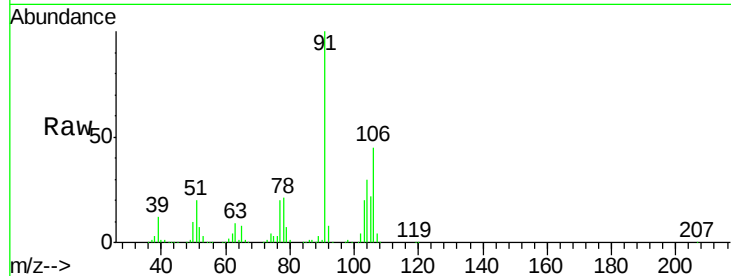




#69
o-Xylene
Concen: 51.395 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

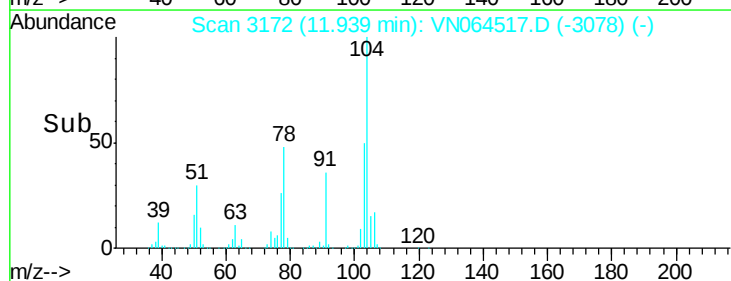
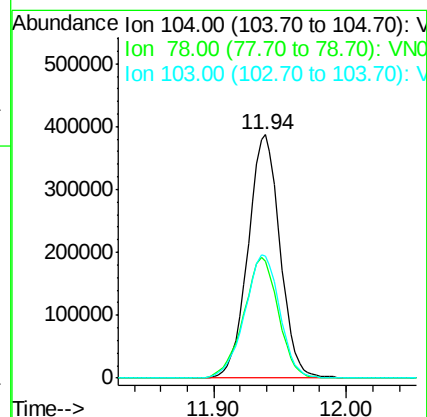
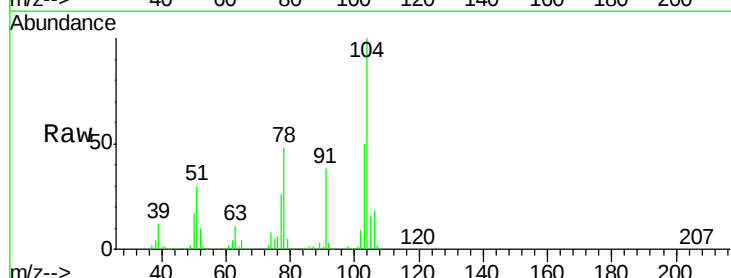
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

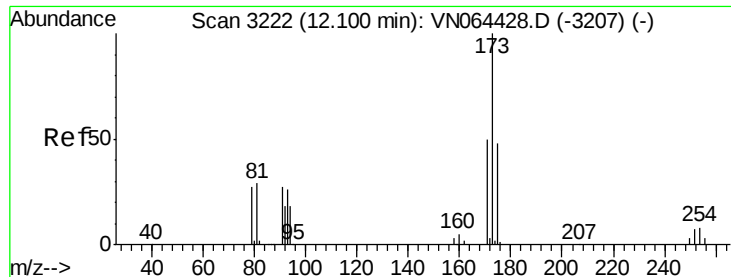
Tot Ion:106 Resp: 370992
Ion Ratio Lower Upper
106 100
91 221.9 111.7 334.9



#70
Styrene
Concen: 53.281 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion:104 Resp: 647188
Ion Ratio Lower Upper
104 100
78 54.0 44.0 66.0
103 55.7 43.8 65.6

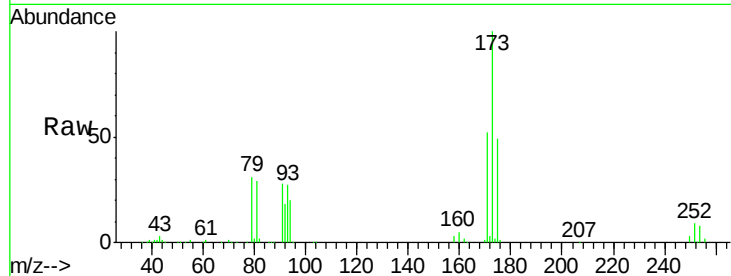




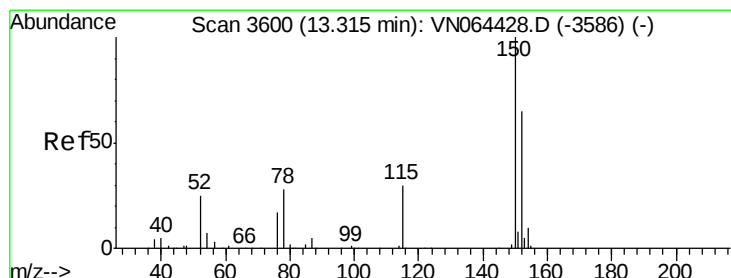
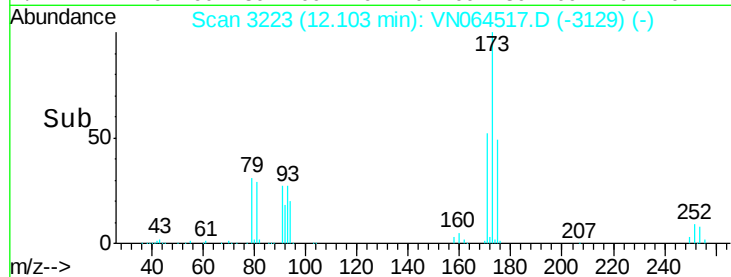
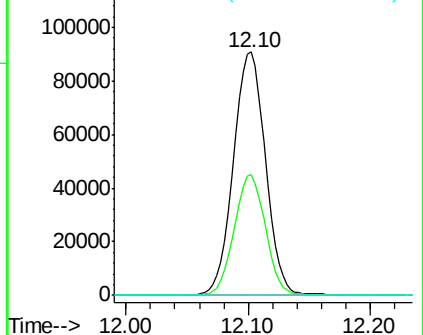
#71
Bromoform
Concen: 50.926 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 165273
Ion Ratio Lower Upper
173 100
175 48.2 23.7 71.1
254 0.0 0.0 0.0#

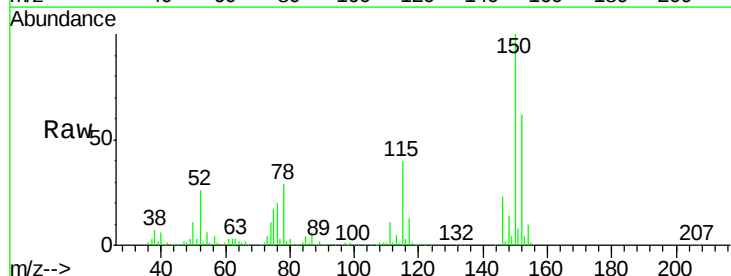


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

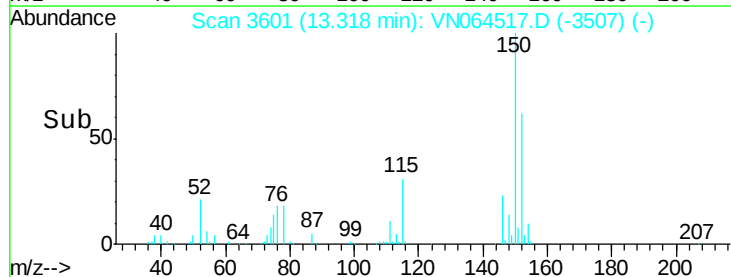
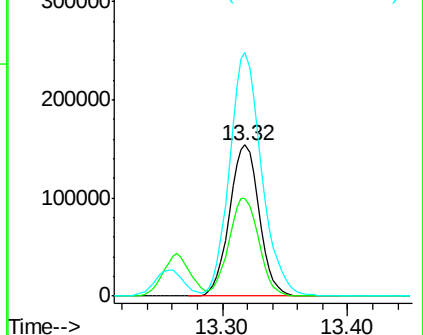


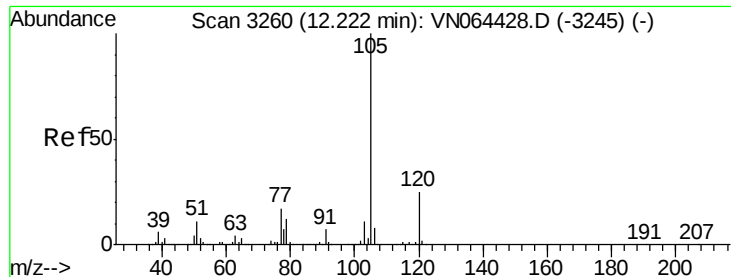
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion:152 Resp: 254160
Ion Ratio Lower Upper
152 100
115 64.8 32.0 96.0
150 173.3 0.0 353.8



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

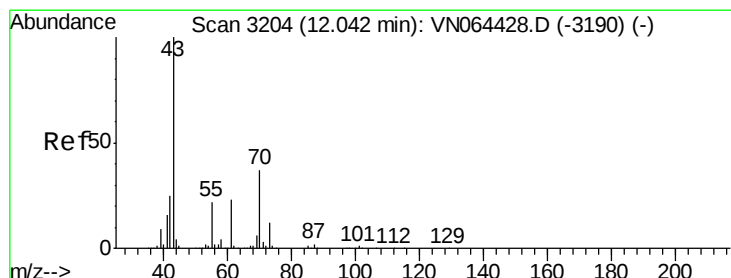
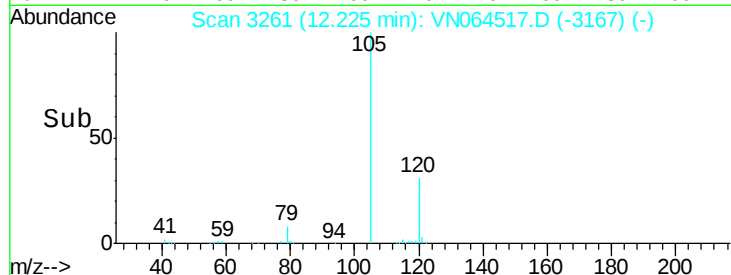
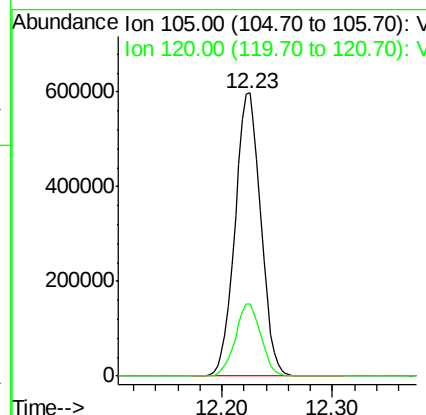
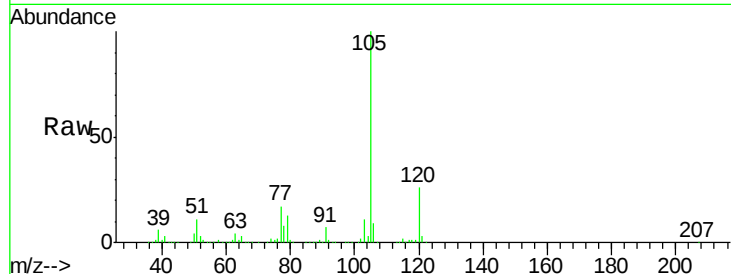




#73
Isopropylbenzene
Concen: 47.997 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

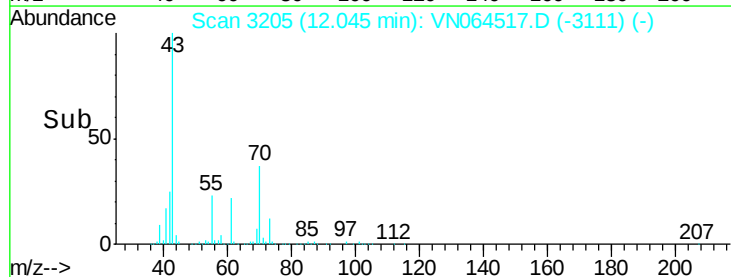
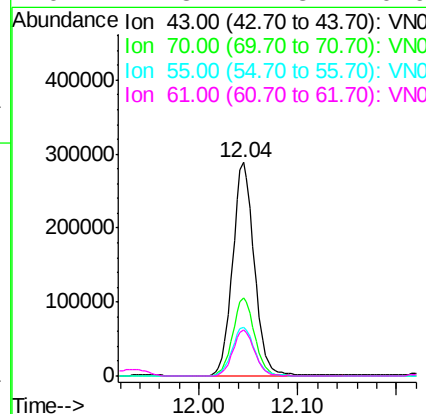
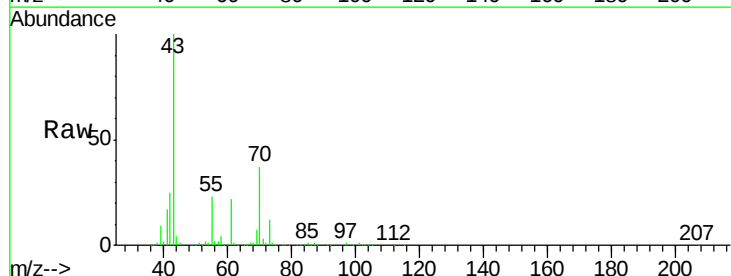
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

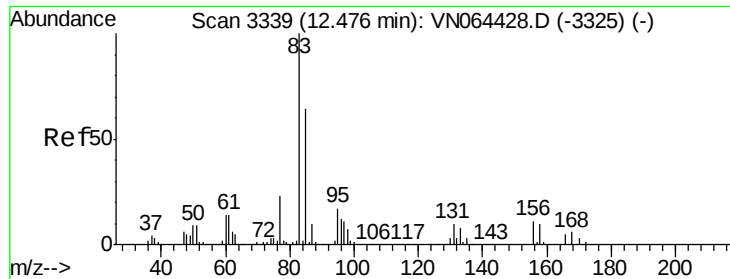
Tot Ion:105 Resp: 969609
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3



#74
N-ethyl acetate
Concen: 45.646 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 43 Resp: 446161
Ion Ratio Lower Upper
43 100
70 36.9 29.6 44.4
55 23.6 18.4 27.6
61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.176 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

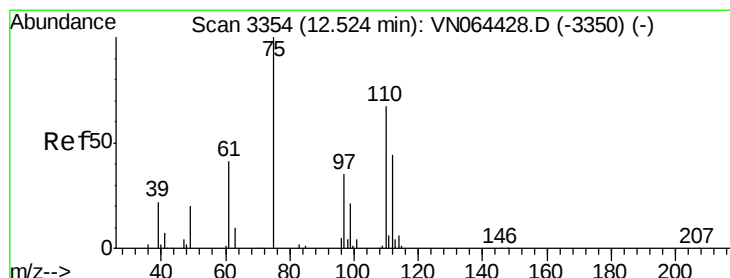
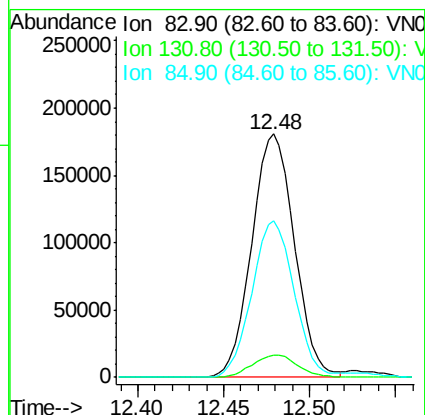
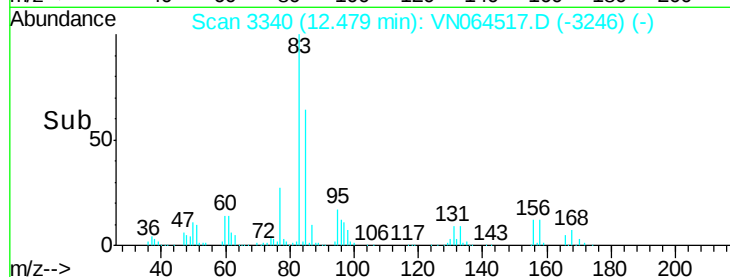
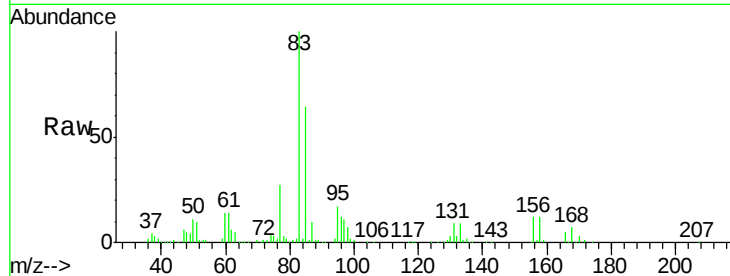
Tot Ion: 83 Resp: 311337

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 63.6 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 71.032 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064517.D

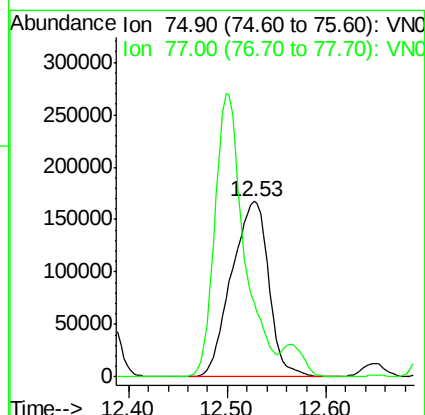
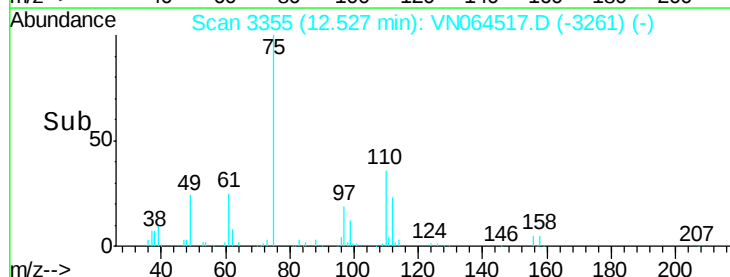
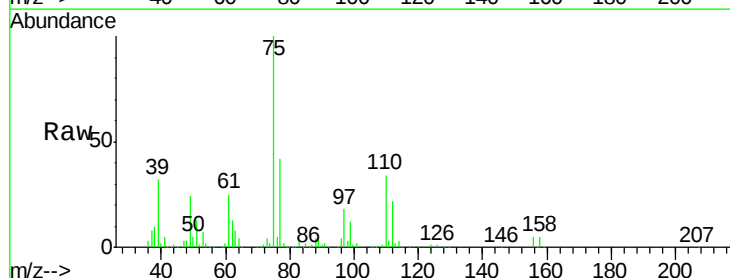
Acq: 10 Nov 2020 11:05

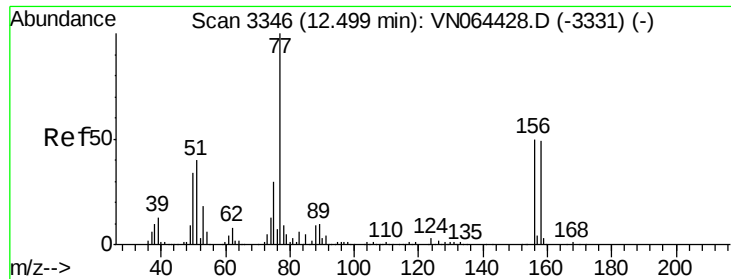
Tgt Ion: 75 Resp: 437424

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.549 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

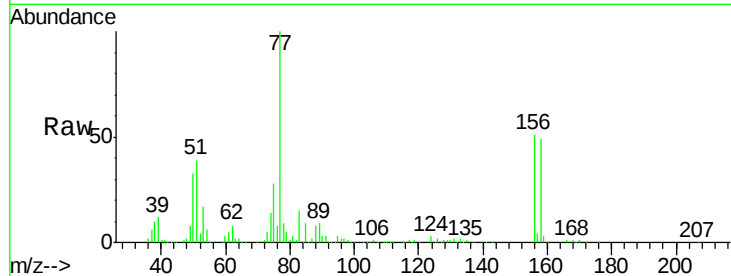
Tot Ion:156 Resp: 234513

Ion Ratio Lower Upper

156 100

77 239.7 119.0 357.0

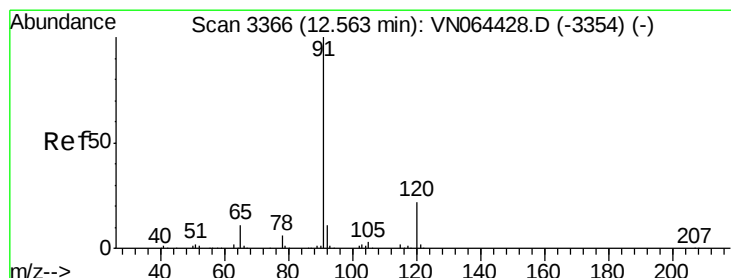
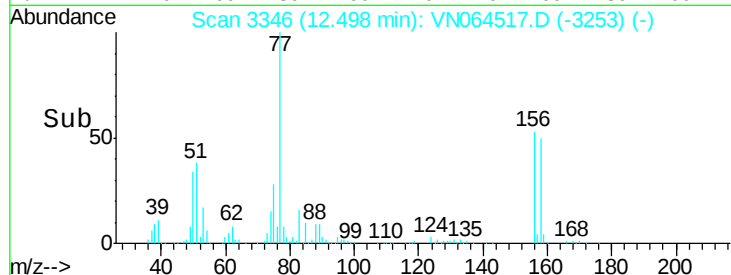
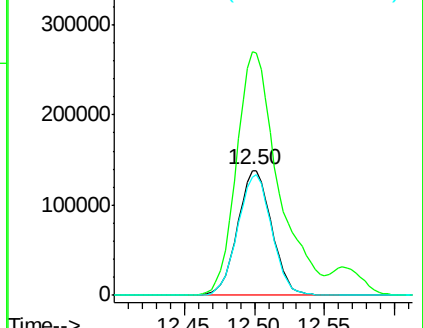
158 96.7 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.620 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064517.D

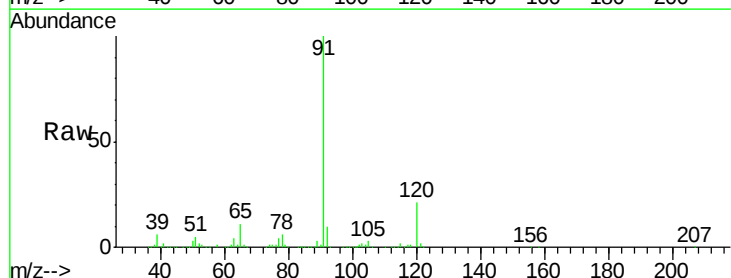
Acq: 10 Nov 2020 11:05

Tgt Ion: 91 Resp: 1165845

Ion Ratio Lower Upper

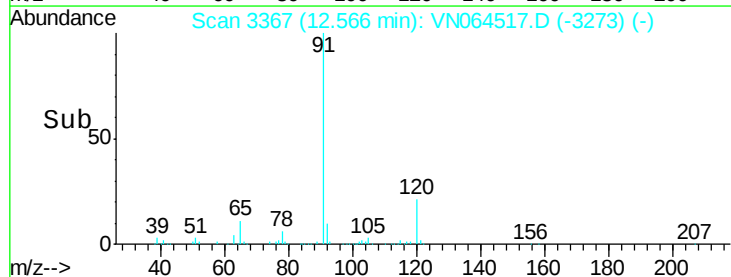
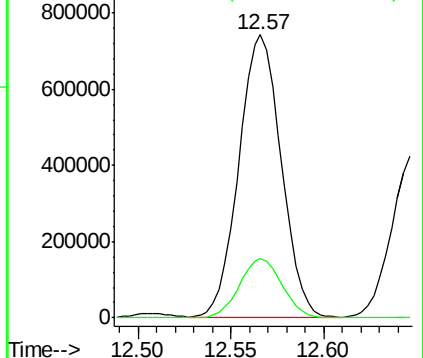
91 100

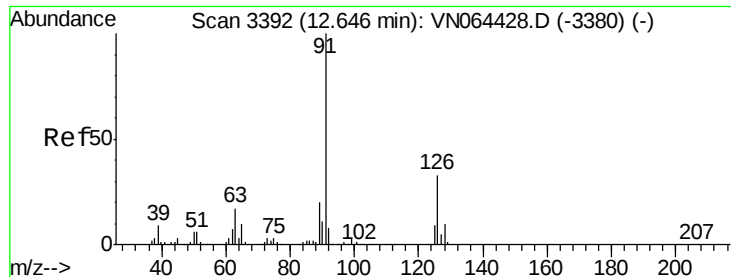
120 21.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.067 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

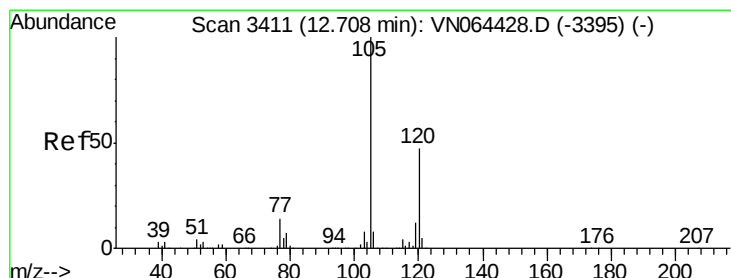
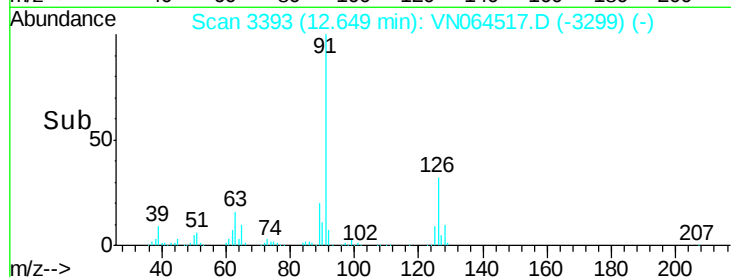
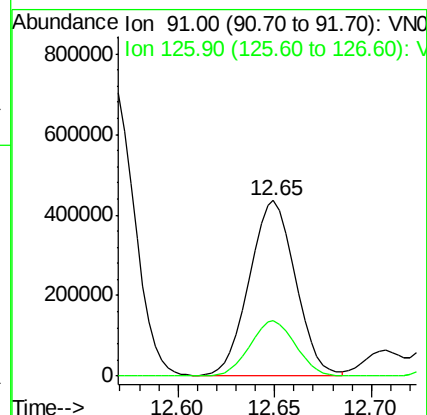
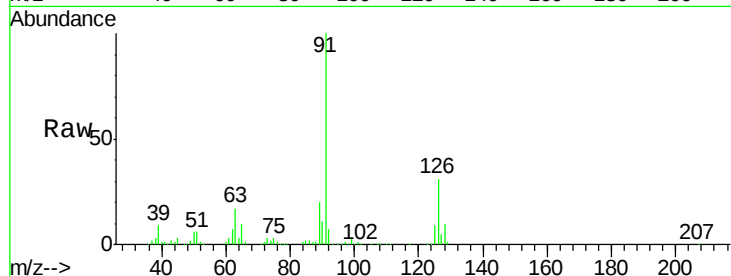
VSTDCCC050

Tot Ion: 91 Resp: 716735

Ion Ratio Lower Upper

91 100

126 31.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 50.459 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064517.D

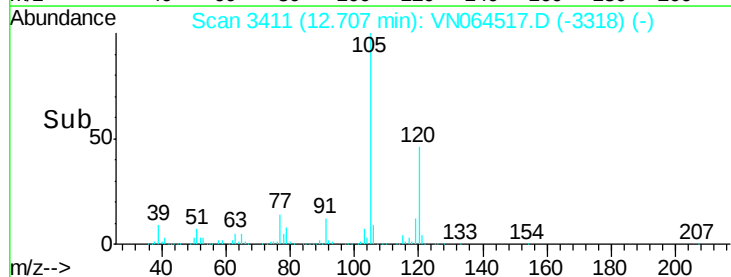
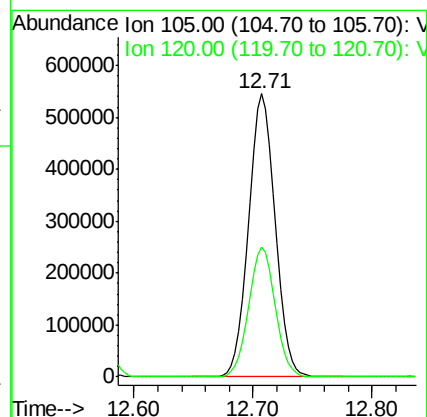
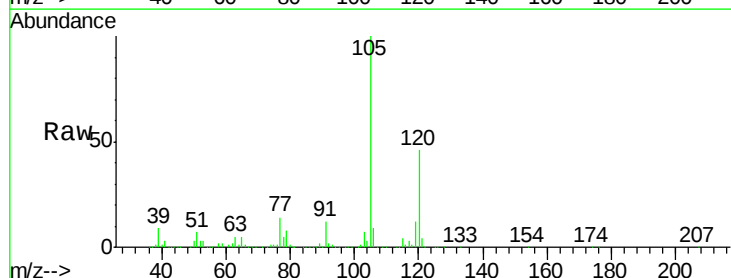
Acq: 10 Nov 2020 11:05

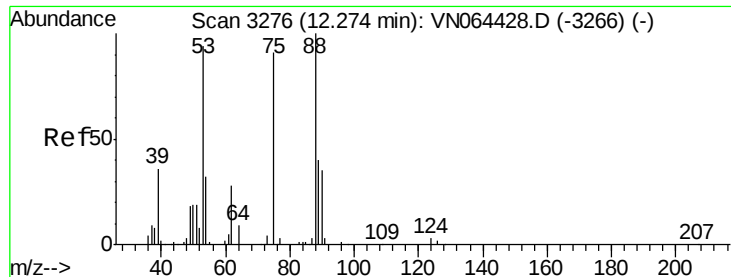
Tgt Ion: 105 Resp: 840932

Ion Ratio Lower Upper

105 100

120 46.0 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.138 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

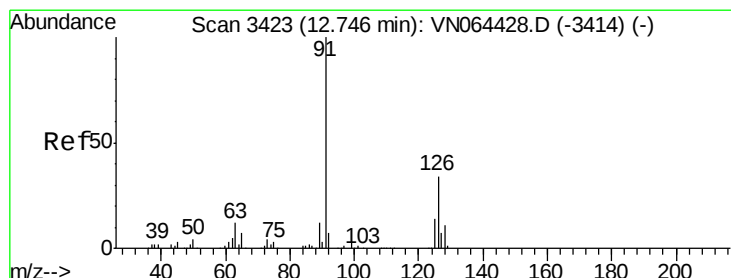
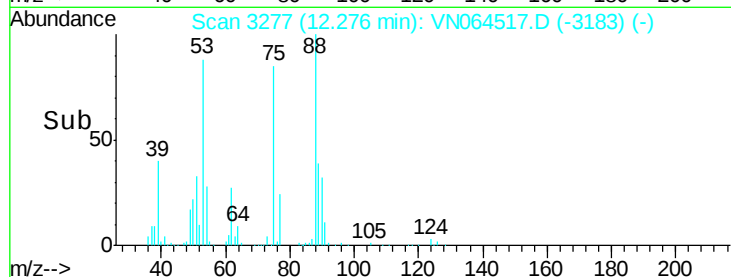
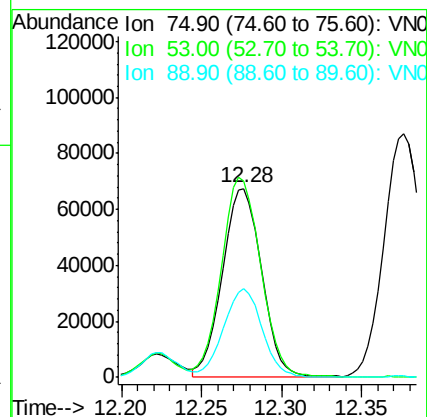
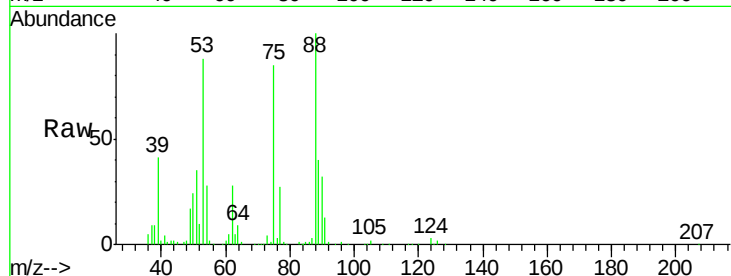
Tot Ion: 75 Resp: 112786

Ion Ratio Lower Upper

75 100

53 106.8 84.0 126.0

89 45.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 49.903 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064517.D

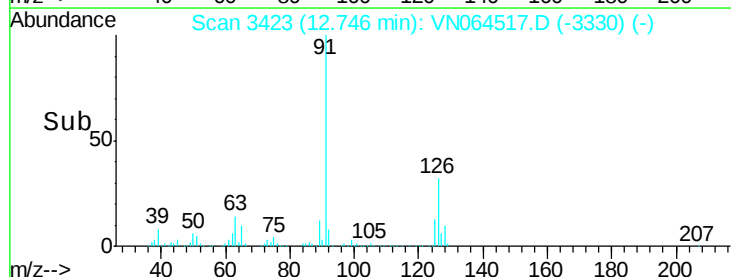
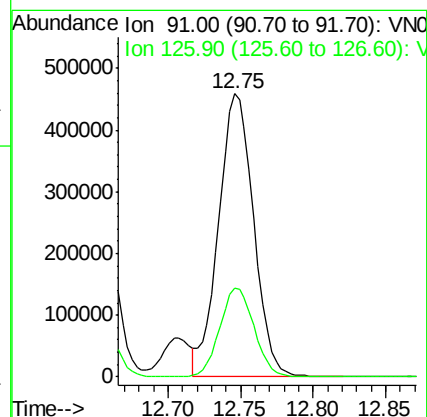
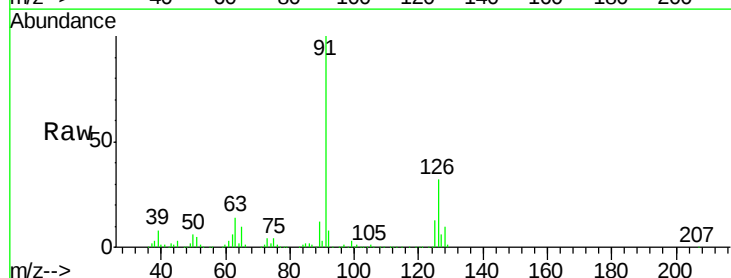
Acq: 10 Nov 2020 11:05

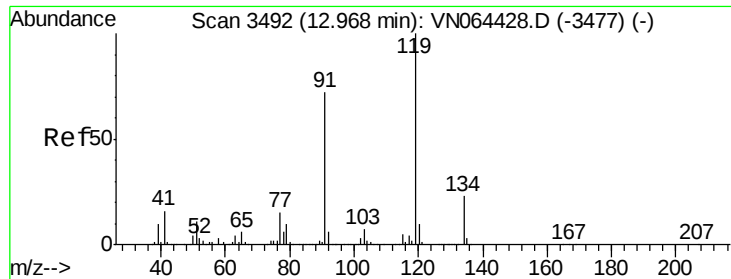
Tgt Ion: 91 Resp: 763401

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2

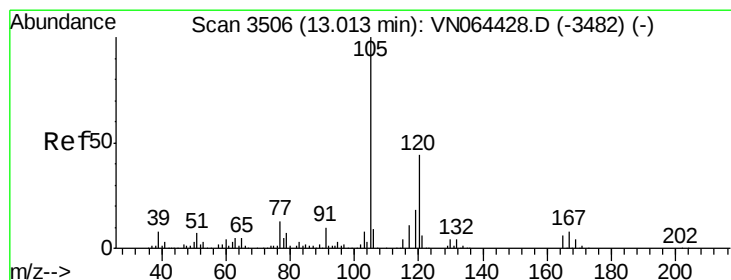
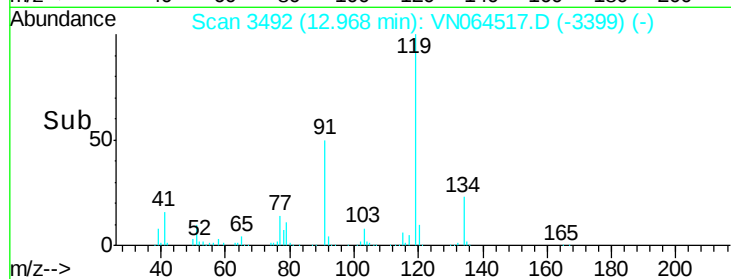
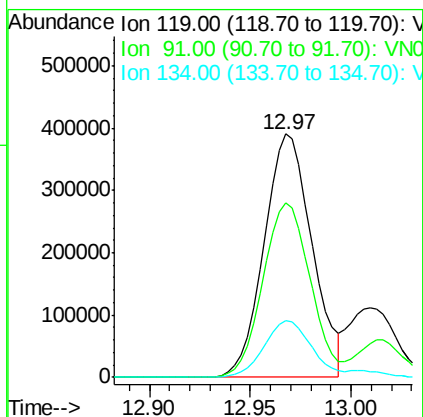
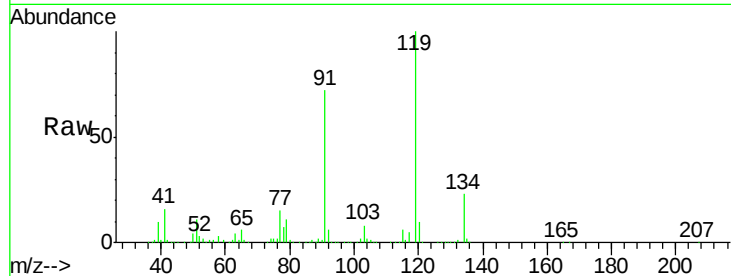




#83
tert-Butylbenzene
Concen: 49.546 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

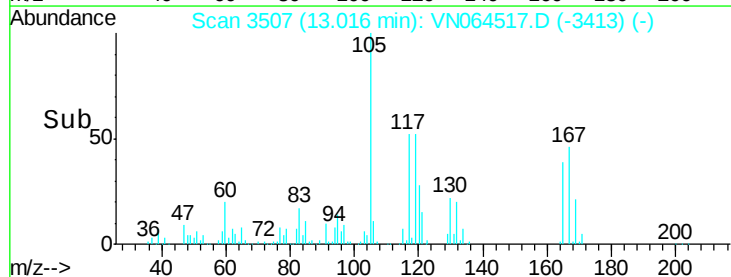
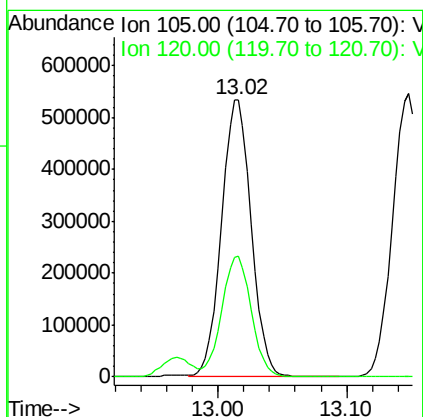
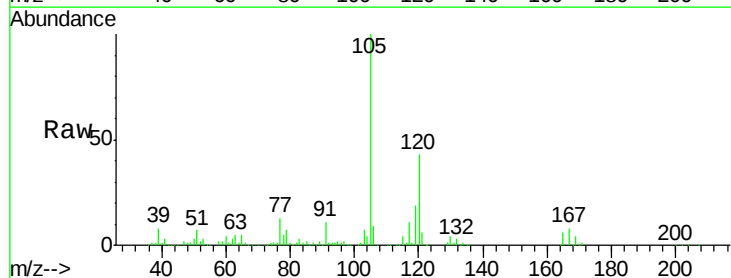
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

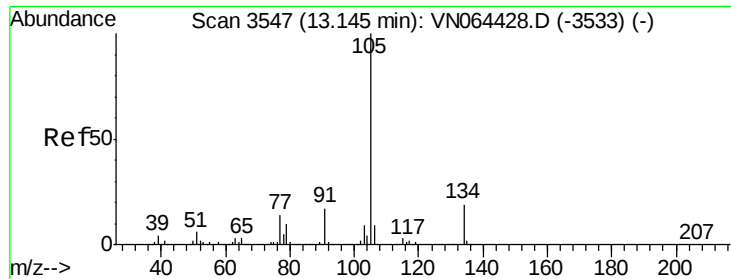
Tot Ion:119 Resp: 644890
Ion Ratio Lower Upper
119 100
91 71.0 36.1 108.3
134 22.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.759 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion:105 Resp: 850387
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 52.260 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

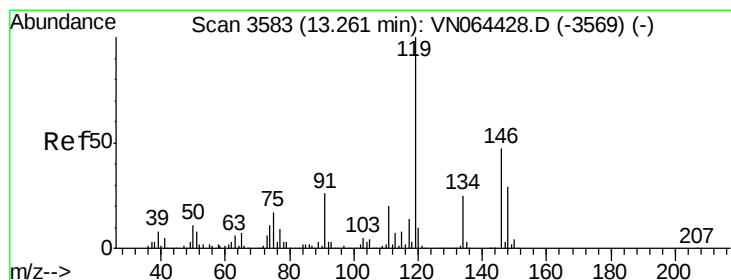
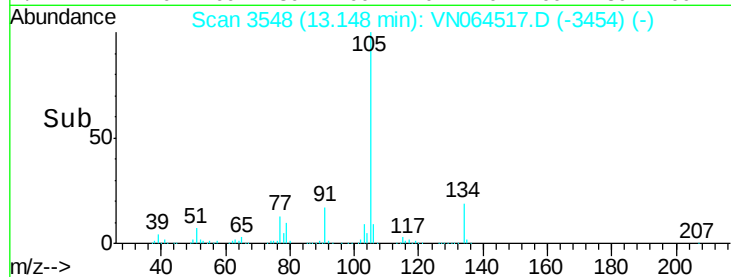
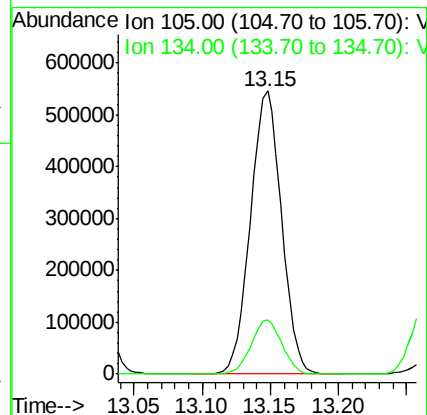
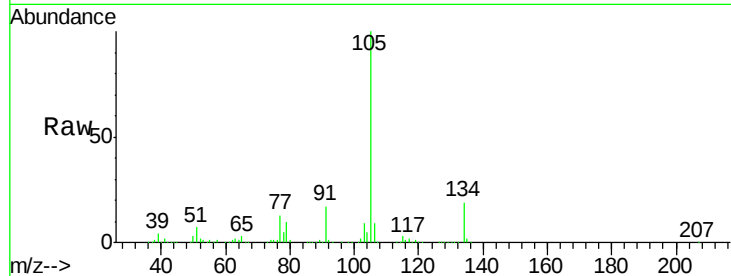
VSTDCCC050

Tot Ion:105 Resp: 861486

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



#86

p-Isopropyltoluene

Concen: 52.376 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

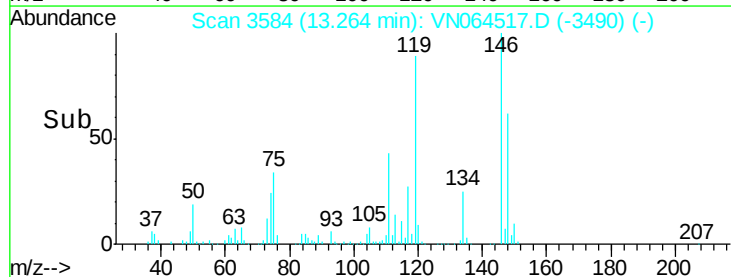
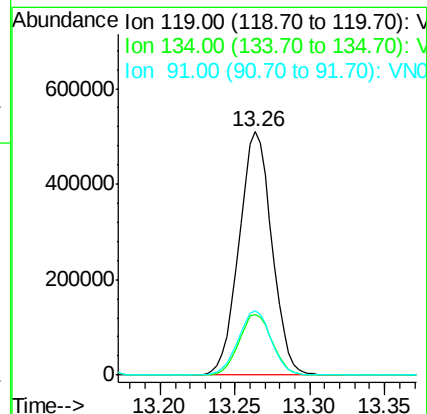
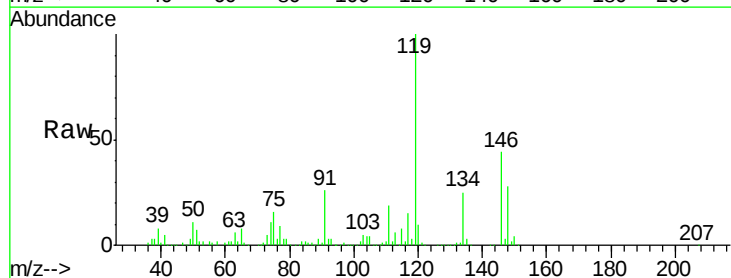
Tgt Ion:119 Resp: 776604

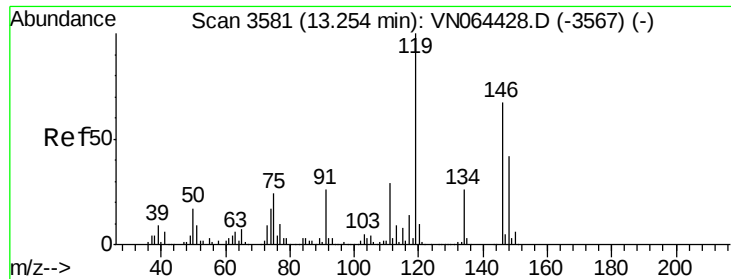
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 26.6 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 50.394 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

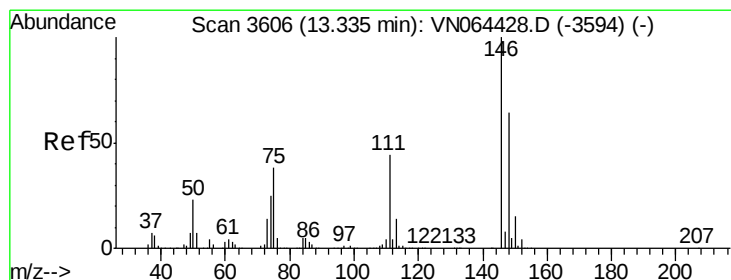
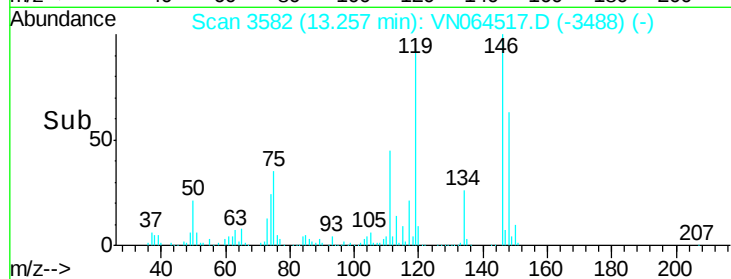
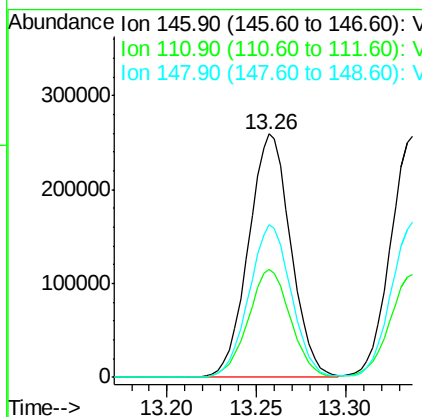
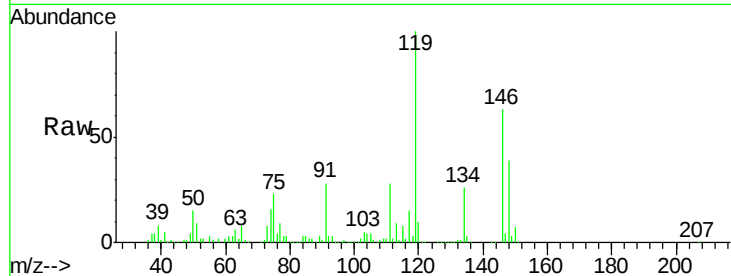
Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 429646

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.1
148	62.5	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 49.371 ug/l

RT: 13.34 min Scan# 3607

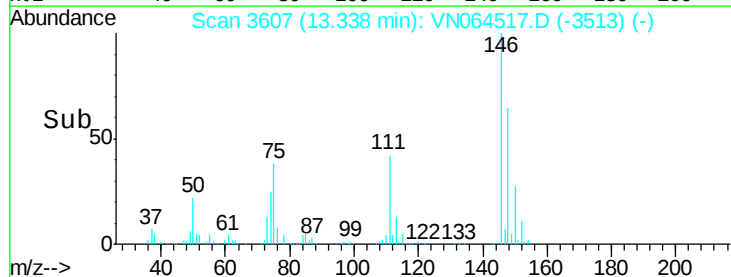
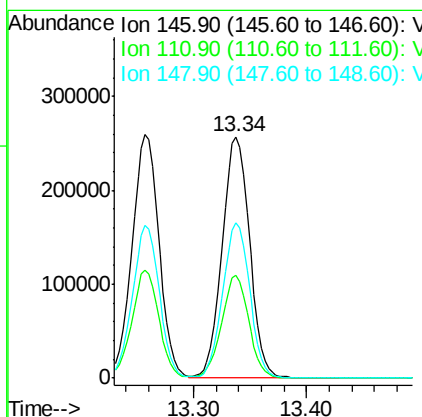
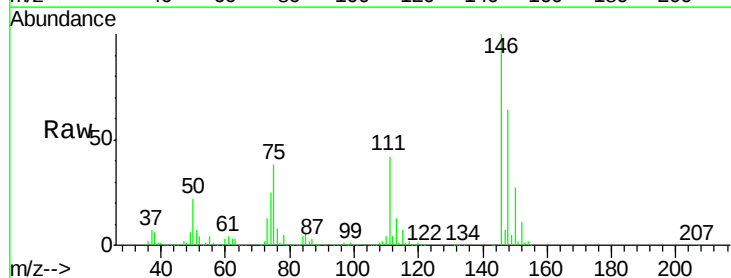
Delta R.T. 0.00 min

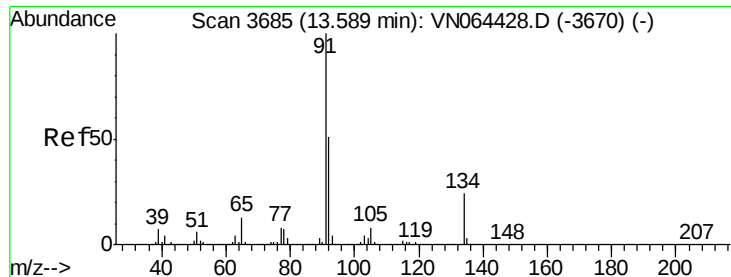
Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Tgt Ion:146 Resp: 434992

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.8	65.3
148	63.1	32.4	97.2

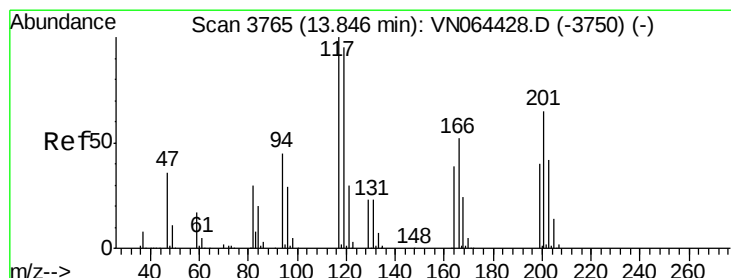
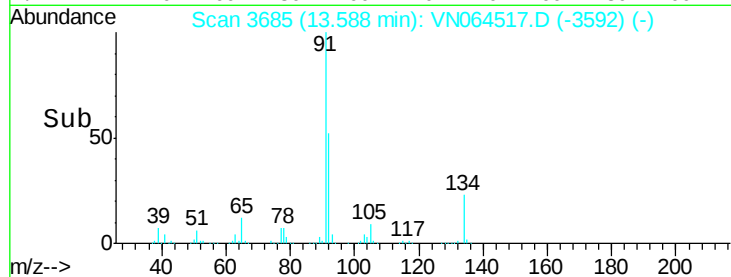
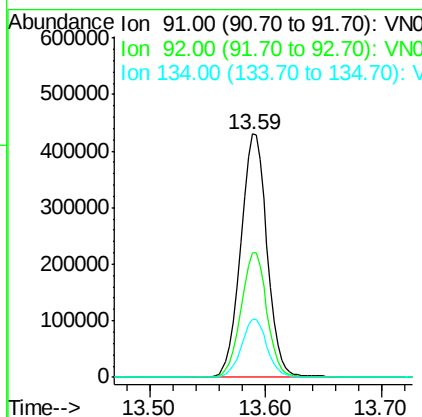
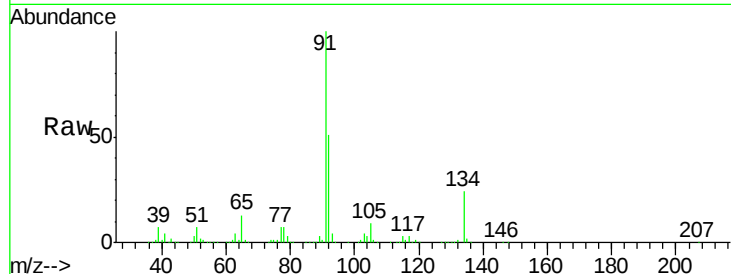




#89
n-Butylbenzene
Concen: 53.081 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

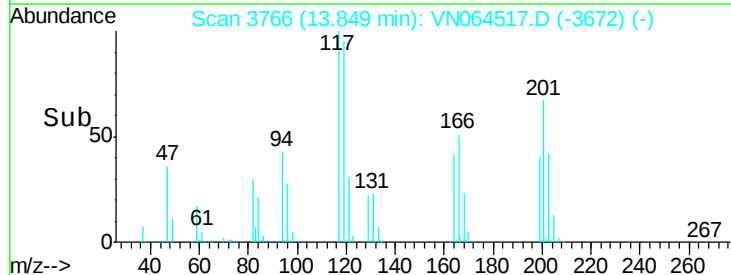
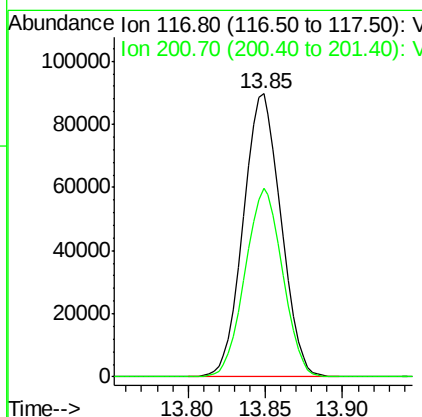
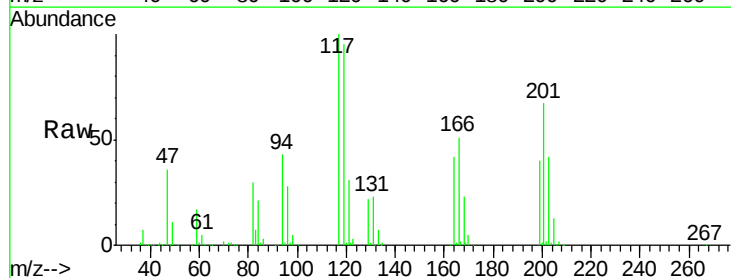
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

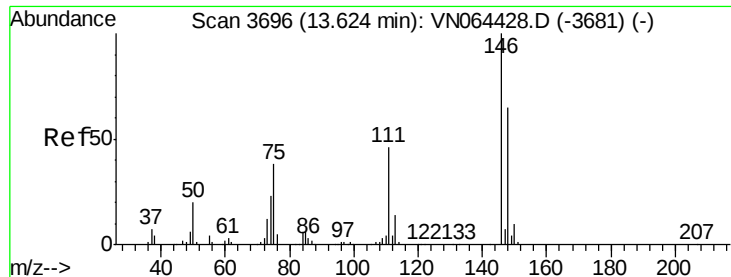
Tot Ion: 91 Resp: 676712
Ion Ratio Lower Upper
91 100
92 50.7 25.3 75.9
134 23.3 11.8 35.4



#90
Hexachloroethane
Concen: 53.156 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064517.D
Acq: 10 Nov 2020 11:05

Tgt Ion: 117 Resp: 152042
Ion Ratio Lower Upper
117 100
201 66.2 32.5 97.5

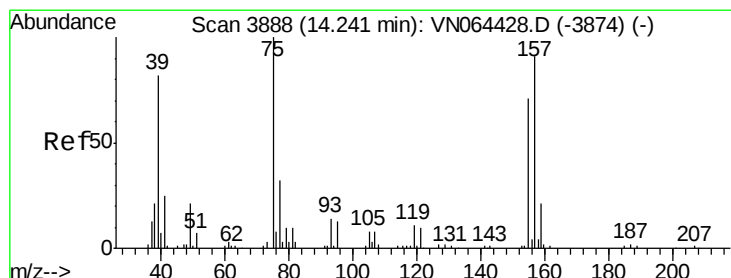
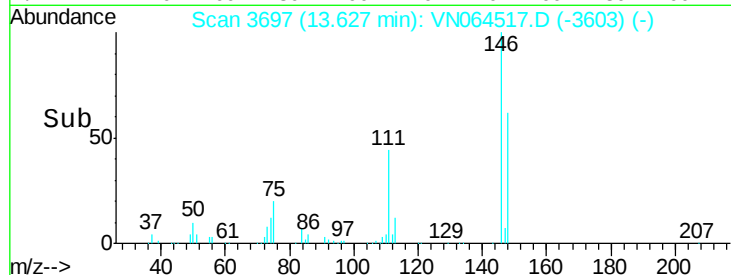
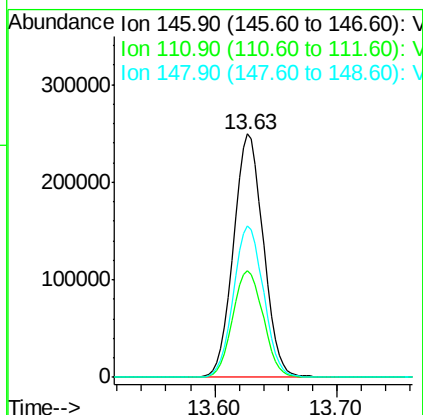
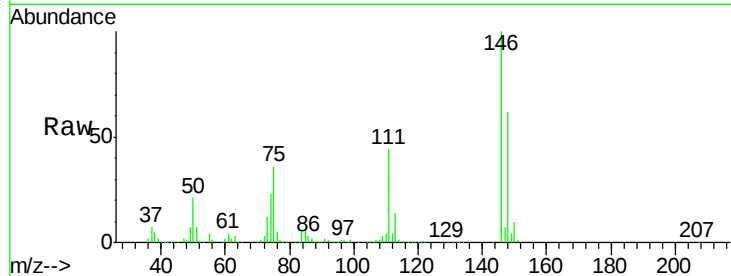




#91
 1,2-Dichlorobenzene
 Concen: 51.828 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

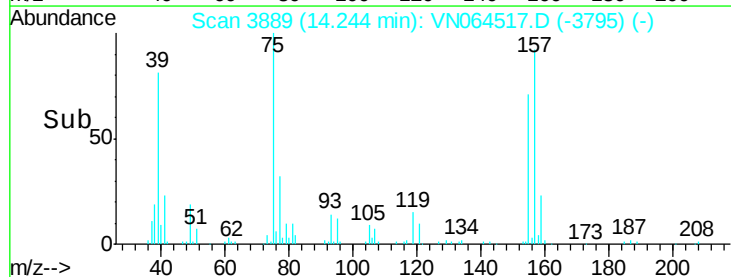
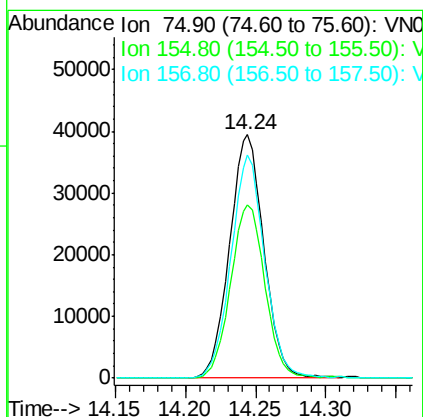
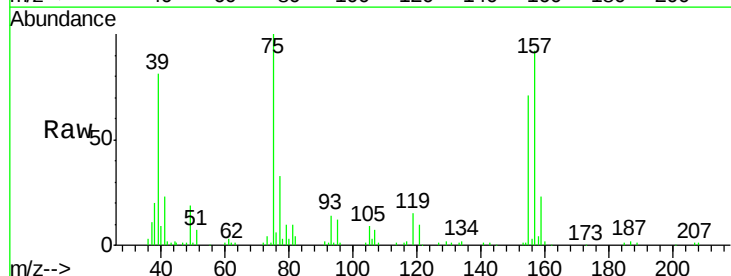
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

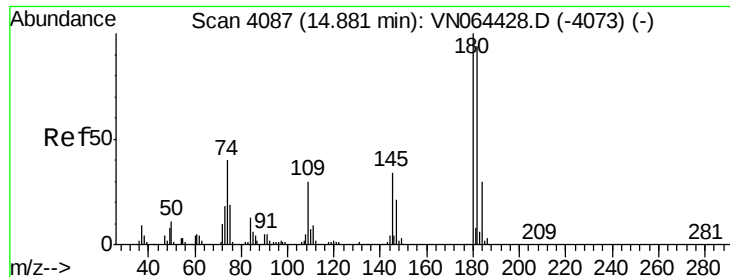
Tot Ion:146 Resp: 425040
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.9 68.7
 148 62.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.343 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

Tgt Ion: 75 Resp: 67134
 Ion Ratio Lower Upper
 75 100
 155 71.2 34.6 103.9
 157 90.5 43.0 128.8

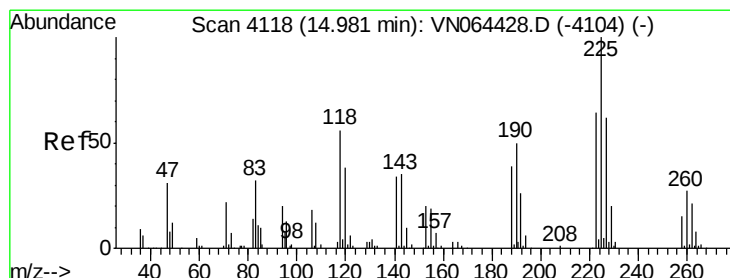
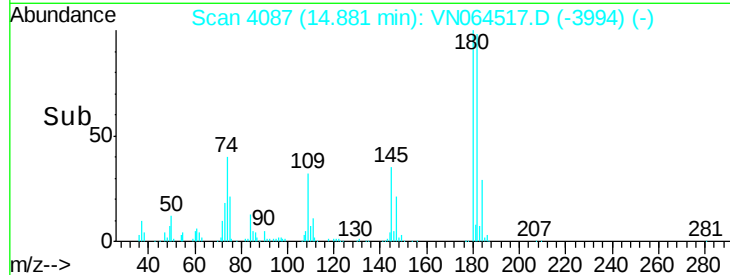
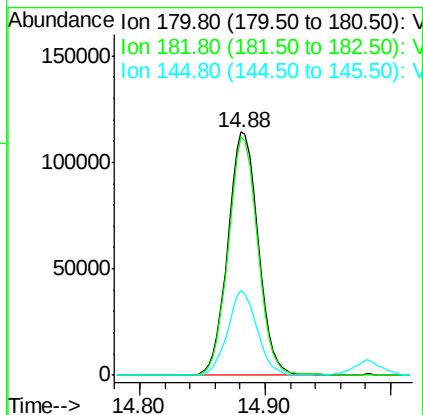
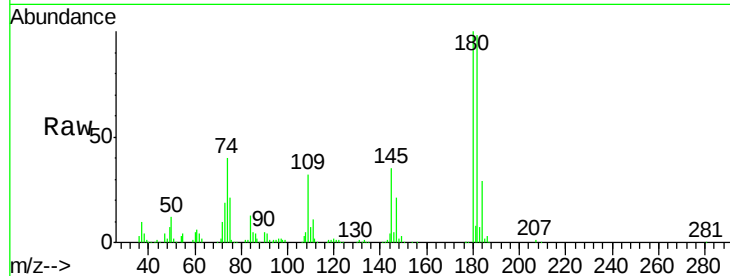




#93
 1,2,4-Trichlorobenzene
 Concen: 47.297 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

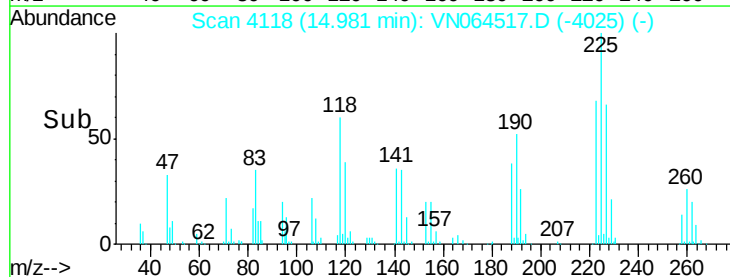
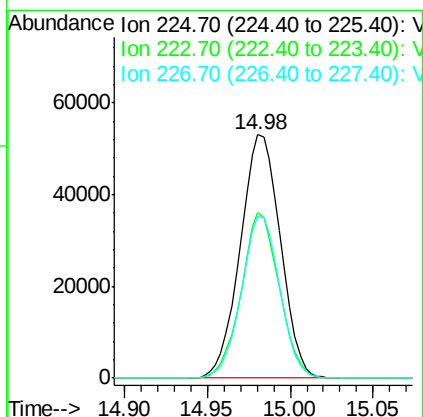
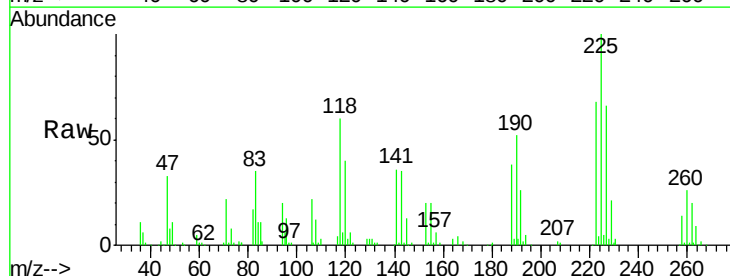
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

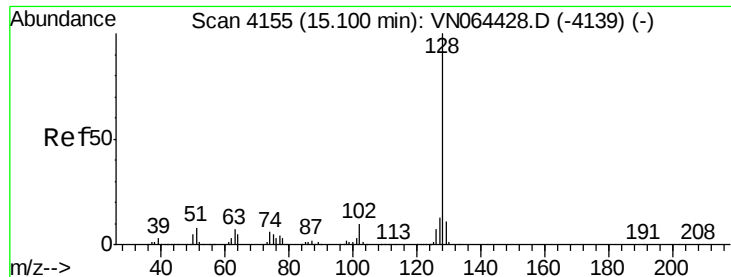
Tot Ion:180 Resp: 192276
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 33.9 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 53.555 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064517.D
 Acq: 10 Nov 2020 11:05

Tgt Ion:225 Resp: 89422
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.8 95.4
 227 63.4 31.8 95.4





#95

Naphthalene

Concen: 45.361 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Instrument :

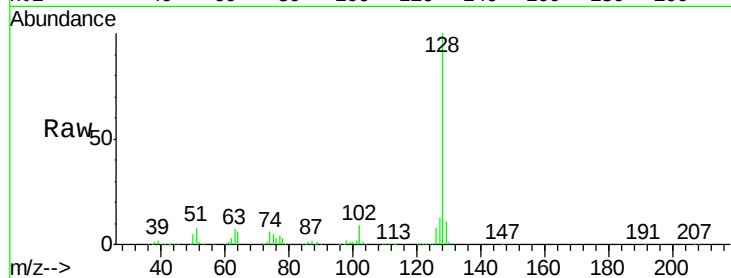
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 627277

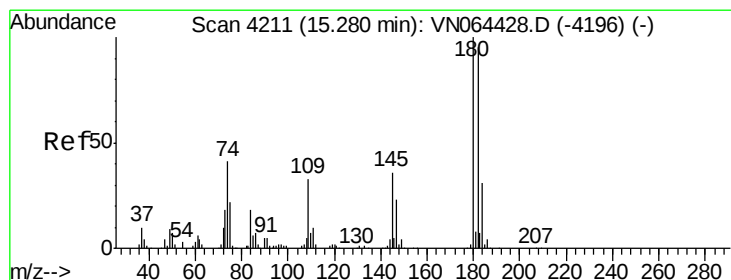
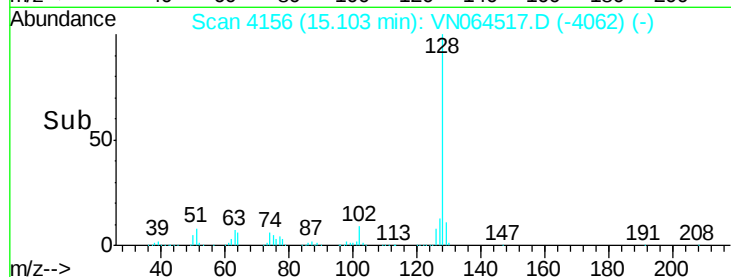
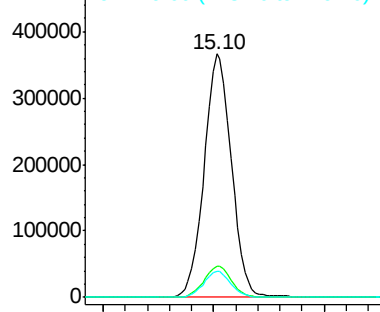
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.177 ug/l

RT: 15.28 min Scan# 4212

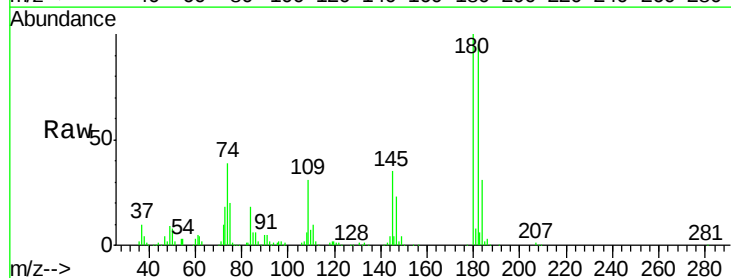
Delta R.T. 0.00 min

Lab File: VN064517.D

Acq: 10 Nov 2020 11:05

Tgt Ion:180 Resp: 189666

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	35.7	18.3	54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

