

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064480.D
 Acq On : 6 Nov 2020 12:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 03:44:39 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	319542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	551468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	527711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	261406	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	181889	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.06	98	687023	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.38	95	261516	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	192939	46.384	ug/l	97
3) Chloromethane	2.04	50	229816	45.486	ug/l	100
4) Vinyl Chloride	2.16	62	244015	47.031	ug/l	96
5) Bromomethane	2.53	94	155386	46.880	ug/l	98
6) Chloroethane	2.67	64	153609	46.242	ug/l	99
7) Trichlorofluoromethane	2.98	101	351562	46.017	ug/l	98
8) Diethyl Ether	3.37	74	132119	48.970	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	169056	46.598	ug/l	98
10) Methyl Iodide	3.90	142	194959	46.247	ug/l	98
11) Tert butyl alcohol	4.75	59	167167	272.345	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	154586	45.235	ug/l	99
13) Acrolein	3.56	56	86328	226.740	ug/l	97
14) Allyl chloride	4.27	41	305492	45.697	ug/l	99
15) Acrylonitrile	4.93	53	456023	266.850	ug/l	98
16) Acetone	3.78	43	687405	324.222	ug/l	100
17) Carbon Disulfide	4.00	76	457555	44.772	ug/l	99
18) Methyl Acetate	4.28	43	211752	50.802	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	599307	48.726	ug/l	99
20) Methylene Chloride	4.50	84	194719	46.289	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	179178	46.177	ug/l	99
22) Diisopropyl ether	5.91	45	683166	48.141	ug/l	95
23) Vinyl Acetate	5.84	43	2926739	253.523	ug/l	99
24) 1,1-Dichloroethane	5.79	63	365786	46.908	ug/l	99
25) 2-Butanone	6.79	43	823054	304.678	ug/l	100
26) 2,2-Dichloropropane	6.78	77	323435	45.818	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	211451	47.029	ug/l	97
28) Bromochloromethane	7.14	49	179068	46.718	ug/l	98
29) Tetrahydrofuran	7.17	42	434122	261.935	ug/l	98
30) Chloroform	7.33	83	386040	47.096	ug/l	98
31) Cyclohexane	7.61	56	289931	42.851	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	338667	46.583	ug/l	98
36) 1,1-Dichloropropene	7.75	75	278229	47.758	ug/l	98
37) Ethyl Acetate	6.88	43	290983	49.224	ug/l	99
38) Carbon Tetrachloride	7.73	117	292354	46.954	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	251369	48.132	ug/l	97
40) Benzene	8.00	78	809892	47.309	ug/l	99
41) Methacrylonitrile	7.12	41	142082	55.009	ug/l	89
42) 1,2-Dichloroethane	8.08	62	337443	48.844	ug/l	99
43) Isopropyl Acetate	8.13	43	488319	51.721	ug/l	99
44) Trichloroethene	8.80	130	201689	46.696	ug/l	100
45) 1,2-Dichloropropane	9.08	63	219514	48.056	ug/l	98
46) Dibromomethane	9.17	93	150882	50.177	ug/l	98
47) Bromodichloromethane	9.37	83	319282	49.382	ug/l	99
48) Methyl methacrylate	9.17	41	245416	51.513	ug/l	99
49) 1,4-Dioxane	9.17	88	75729	1206.834	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1502193	272.833	ug/l	100
52) Toluene	10.12	92	514534	49.278	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	343471	50.108	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	362204	49.422	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	204501	50.220	ug/l	99
56) Ethyl methacrylate	10.40	69	303181	45.427	ug/l	99
57) 1,3-Dichloropropane	10.68	76	360646	50.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	860289	269.873	ug/l	99
59) 2-Hexanone	10.72	43	1222939	272.025	ug/l	100
60) Dibromochloromethane	10.87	129	236981	51.979	ug/l	97
61) 1,2-Dibromoethane	10.98	107	213417	51.670	ug/l	100
64) Tetrachloroethene	10.60	164	188085	46.270	ug/l	98
65) Chlorobenzene	11.41	112	541987	46.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	211875	49.093	ug/l	100
67) Ethyl Benzene	11.48	91	995389	48.373	ug/l	99
68) m/p-Xylenes	11.59	106	732484	98.153	ug/l	99
69) o-Xylene	11.92	106	347161	48.141	ug/l	98
70) Styrene	11.94	104	610103	50.278	ug/l	99
71) Bromoform	12.10	173	152606	47.166	ug/l #	98
73) Isopropylbenzene	12.22	105	913002	45.040	ug/l	99
74) N-amyl acetate	12.05	43	430855	43.974	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	289974	46.573	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	414866	67.138	ug/l #	100
77) Bromobenzene	12.50	156	222444	44.947	ug/l	99
78) n-propylbenzene	12.57	91	1086363	47.008	ug/l	99
79) 2-Chlorotoluene	12.65	91	676321	46.141	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	775280	46.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	106405	48.079	ug/l	99
82) 4-Chlorotoluene	12.75	91	720259	46.922	ug/l	99
83) tert-Butylbenzene	12.97	119	600364	45.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	802330	47.726	ug/l	100
85) sec-Butylbenzene	13.14	105	789731	47.743	ug/l	99
86) p-Isopropyltoluene	13.26	119	722290	48.546	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	398409	46.570	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	395891	44.779	ug/l	99
89) n-Butylbenzene	13.59	91	624777	48.840	ug/l	99
90) Hexachloroethane	13.85	117	136018	47.391	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	394108	47.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63942	51.581	ug/l	98

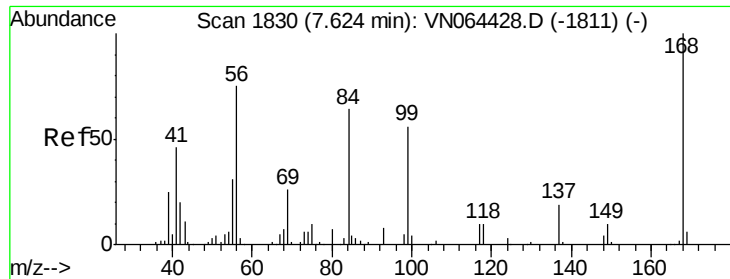
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	179520	44.194	ug/l	98
94) Hexachlorobutadiene	14.98	225	77785	46.426	ug/l	99
95) Naphthalene	15.10	128	608160	43.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	178509	45.360	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

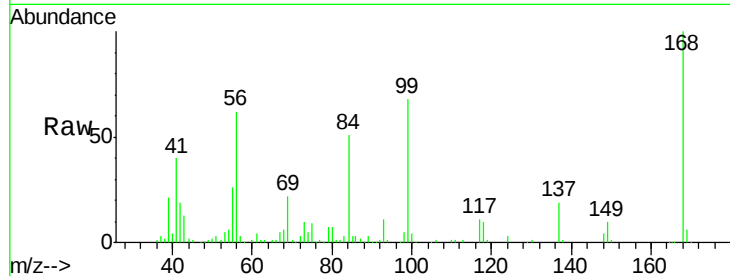
VSTDCCC050

Tot Ion:168 Resp: 319542

Ion Ratio Lower Upper

168 100

99 67.3 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

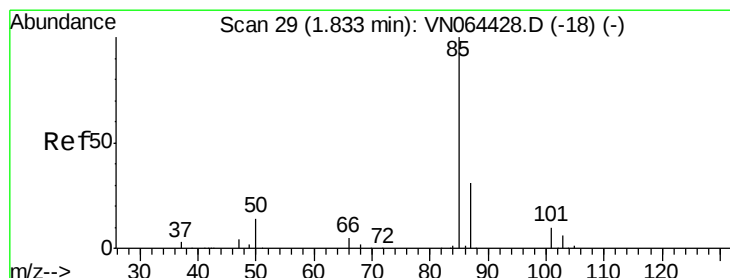
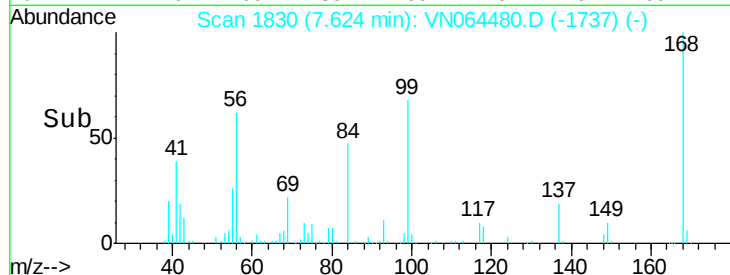
100000

50000

0

Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 46.384 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064480.D

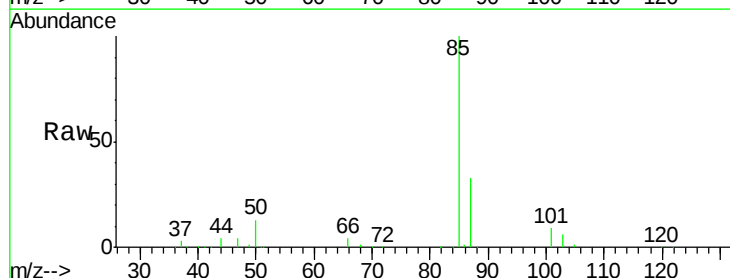
Acq: 6 Nov 2020 12:08

Tgt Ion: 85 Resp: 192939

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

1.84

150000

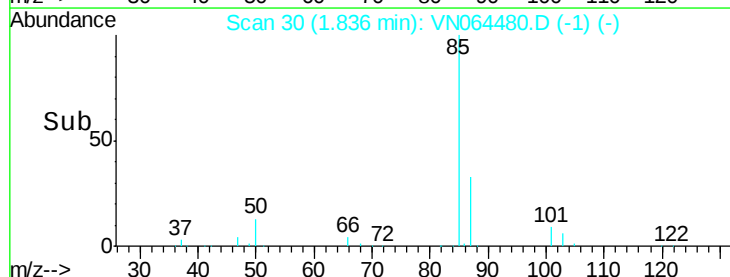
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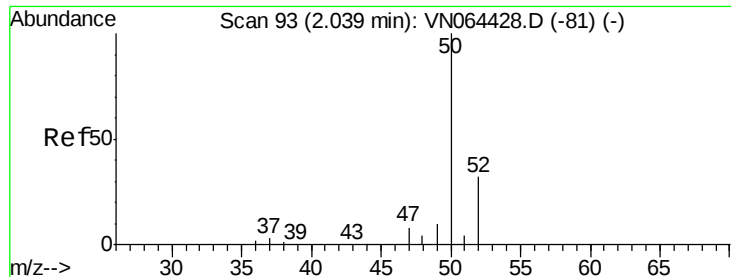
50000

0

Time-->

1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 45.486 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

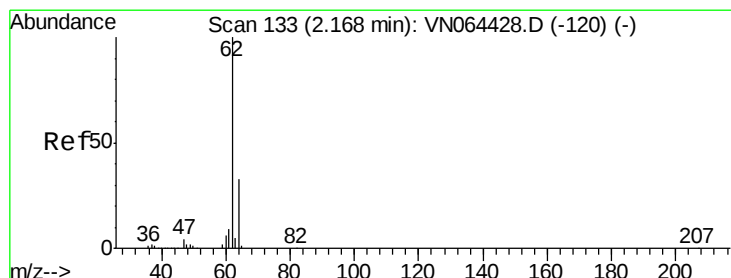
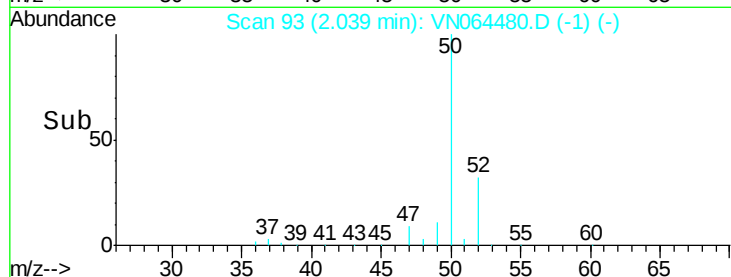
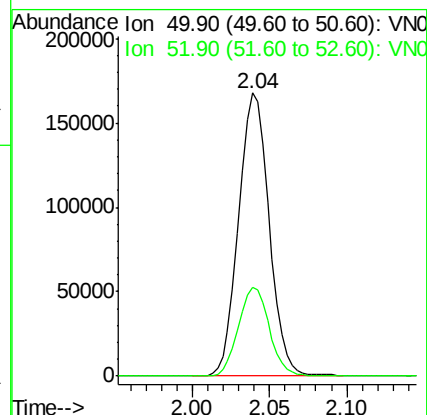
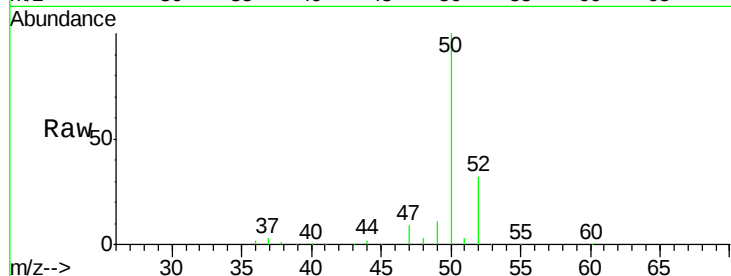
VSTDCCC050

Tot Ion: 50 Resp: 229816

Ion Ratio Lower Upper

50 100

52 31.6 25.3 37.9



#4

Vinyl Chloride

Concen: 47.031 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064480.D

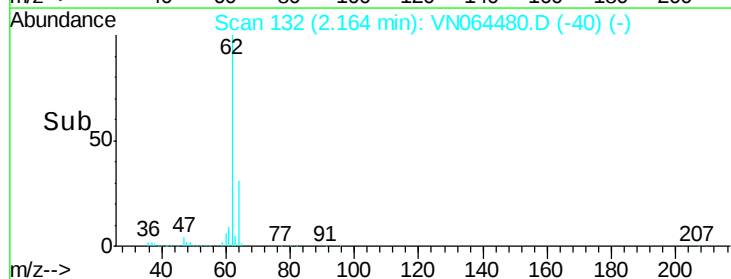
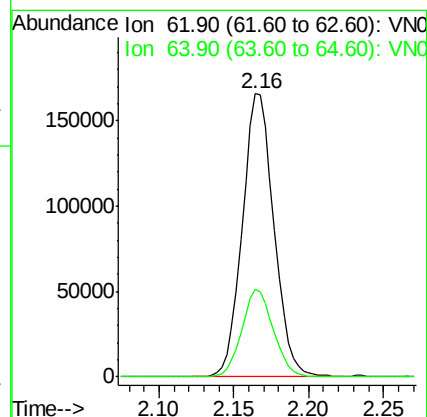
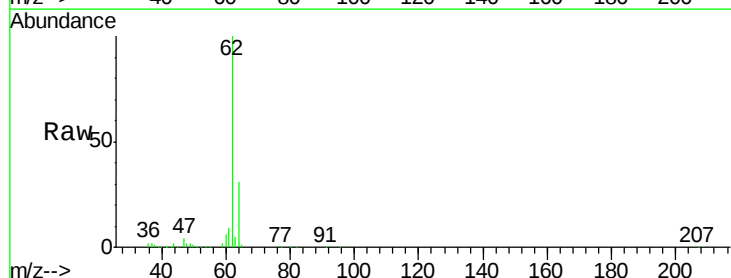
Acq: 6 Nov 2020 12:08

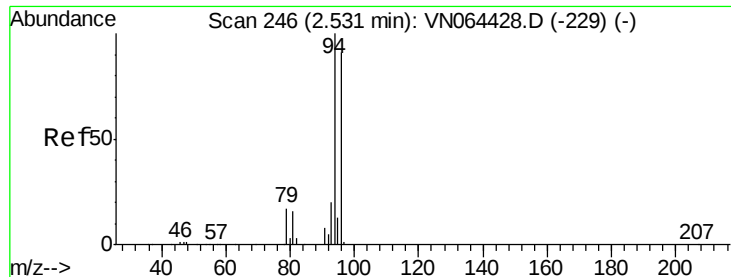
Tgt Ion: 62 Resp: 244015

Ion Ratio Lower Upper

62 100

64 30.9 26.3 39.5





#5

Bromomethane

Concen: 46.880 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

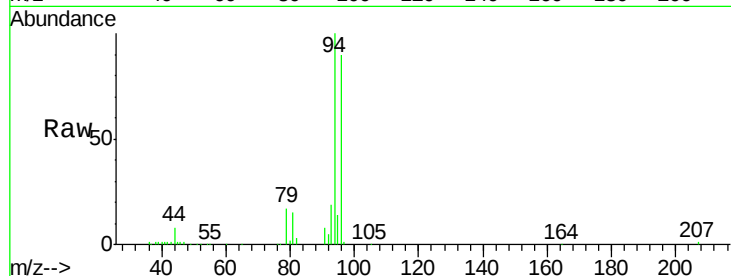
VSTDCCC050

Tot Ion: 94 Resp: 155386

Ion Ratio Lower Upper

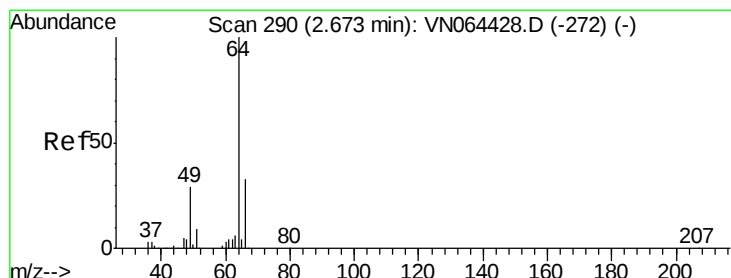
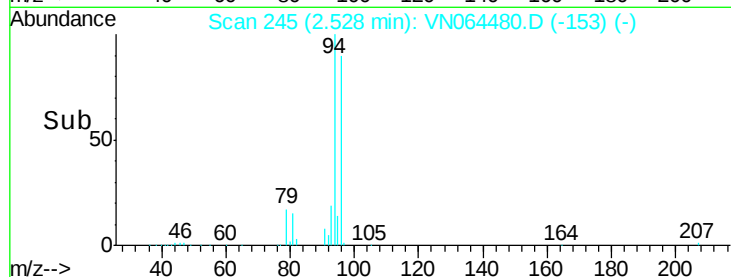
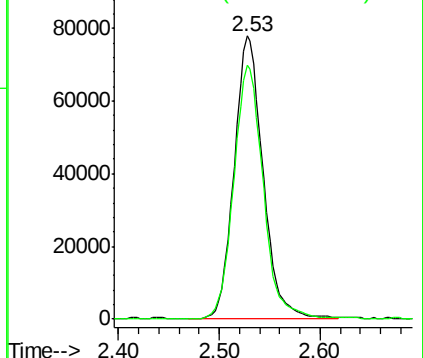
94 100

96 89.3 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.242 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064480.D

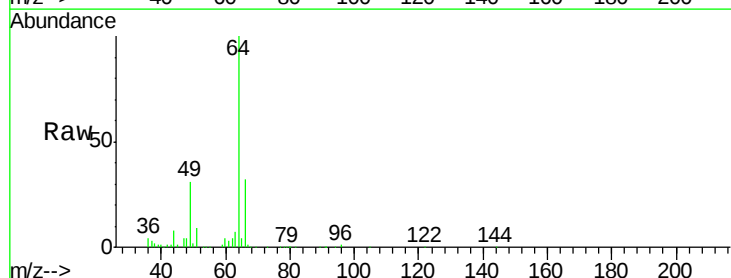
Acq: 6 Nov 2020 12:08

Tgt Ion: 64 Resp: 153609

Ion Ratio Lower Upper

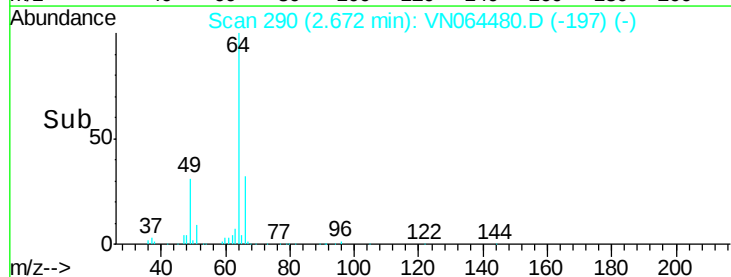
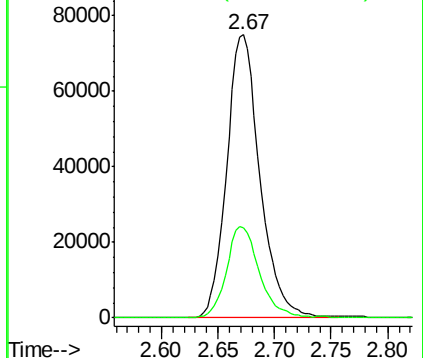
64 100

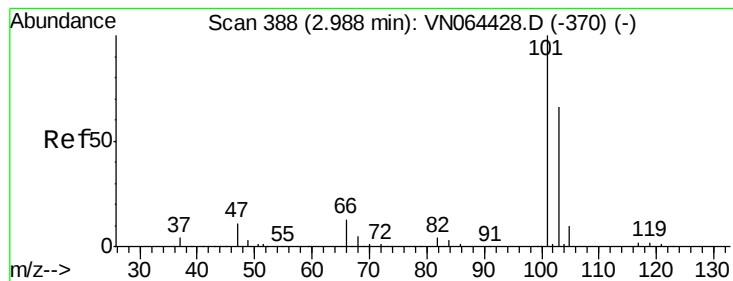
66 31.8 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



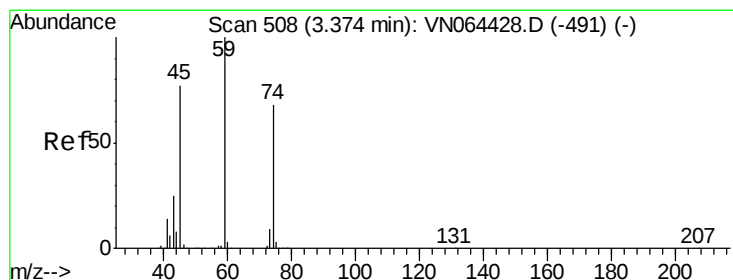
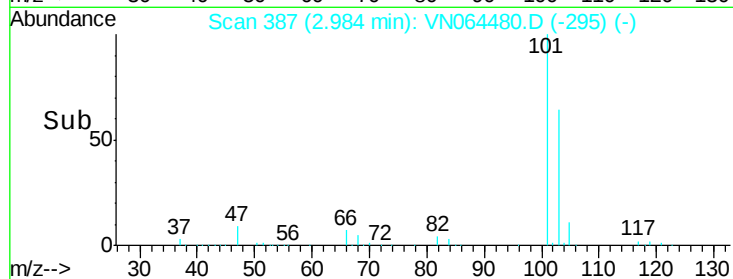
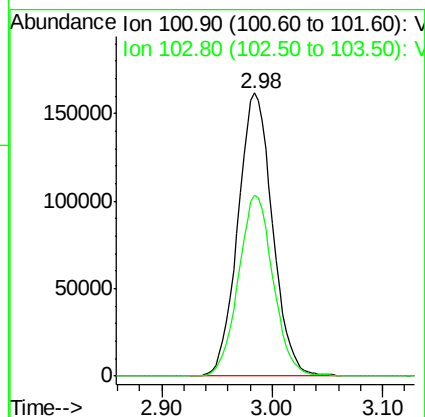
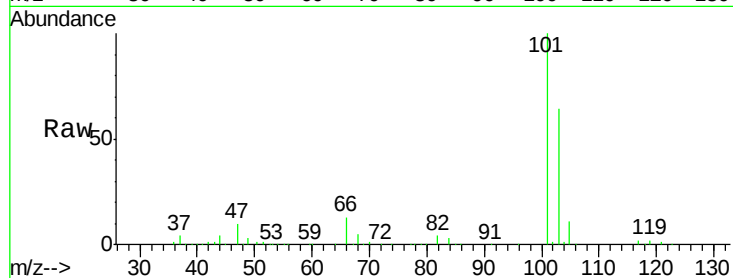


#7

Trichlorofluoromethane
 Concen: 46.017 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

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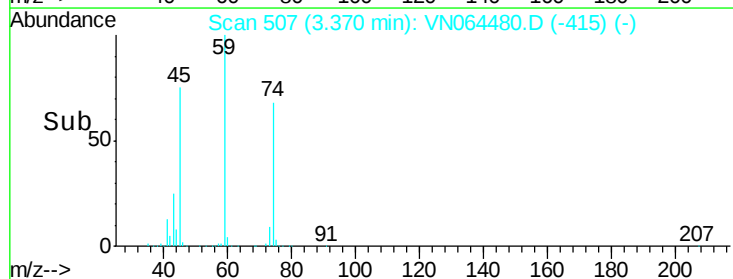
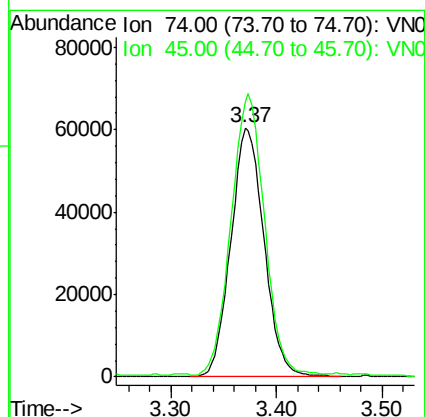
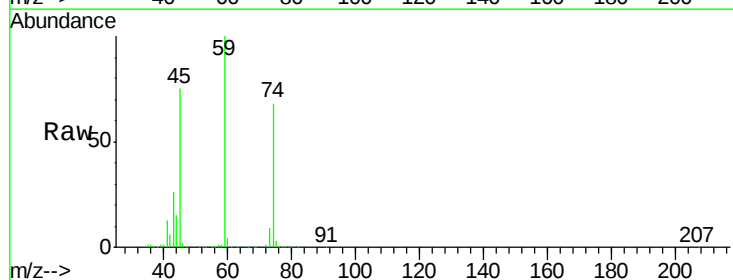
Tot Ion:101 Resp: 351562
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.4 78.6

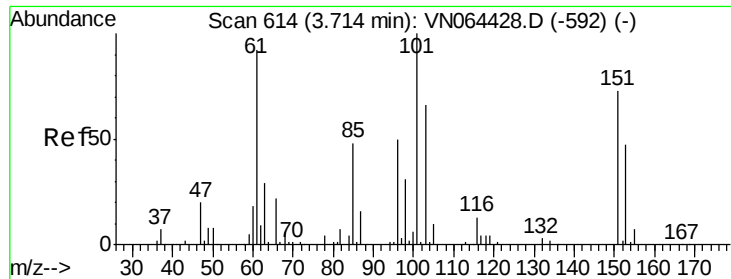


#8

Diethyl Ether
 Concen: 48.970 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 74 Resp: 132119
 Ion Ratio Lower Upper
 74 100
 45 113.1 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.598 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

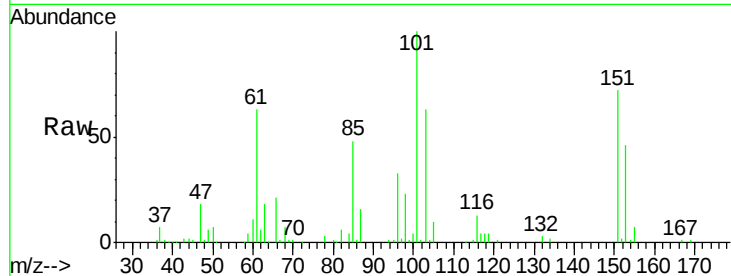
Tot Ion:101 Resp: 169056

Ion Ratio Lower Upper

101 100

85 47.6 38.6 57.8

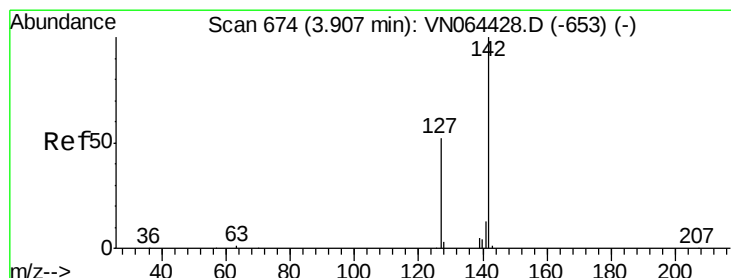
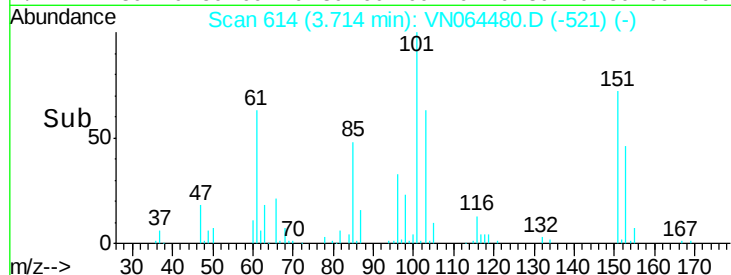
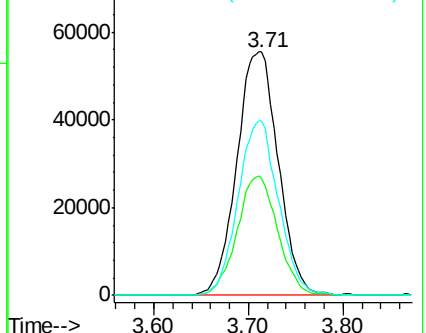
151 69.9 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.247 ug/l

RT: 3.90 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

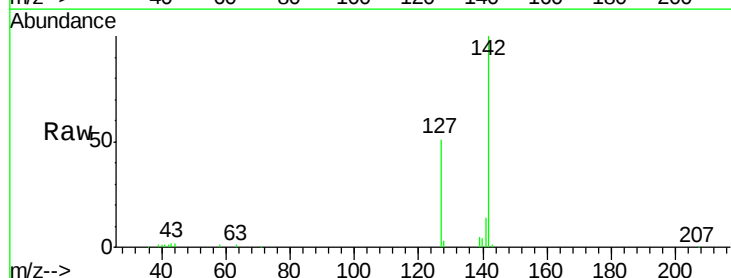
Tgt Ion:142 Resp: 194959

Ion Ratio Lower Upper

142 100

127 51.0 41.8 62.8

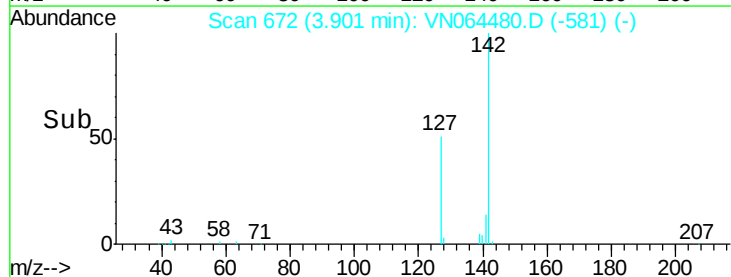
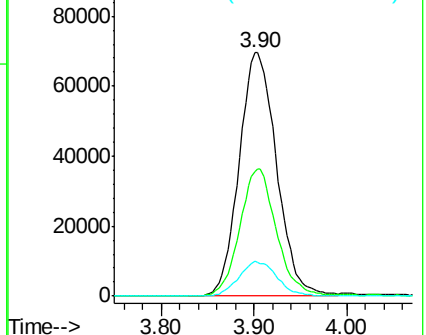
141 14.5 11.4 17.2

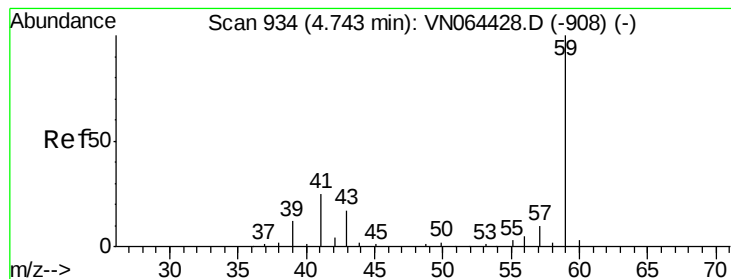


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 272.345 ug/l

RT: 4.75 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

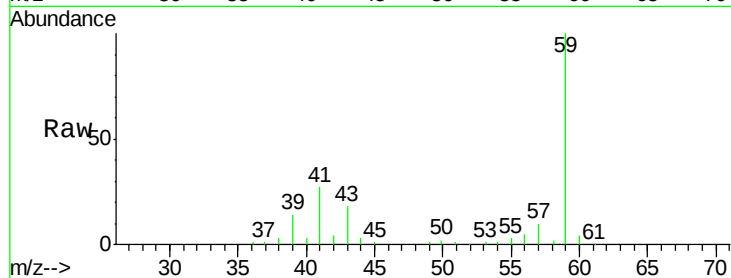
VSTDCCC050

Tot Ion: 59 Resp: 167167

Ion Ratio Lower Upper

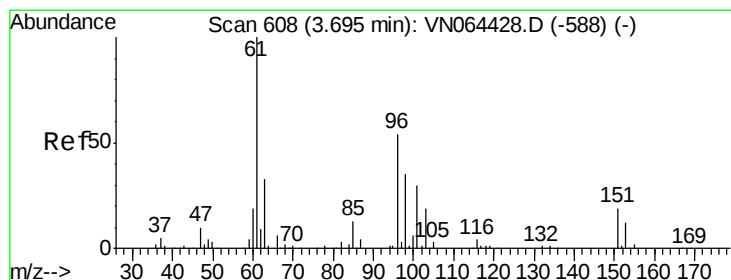
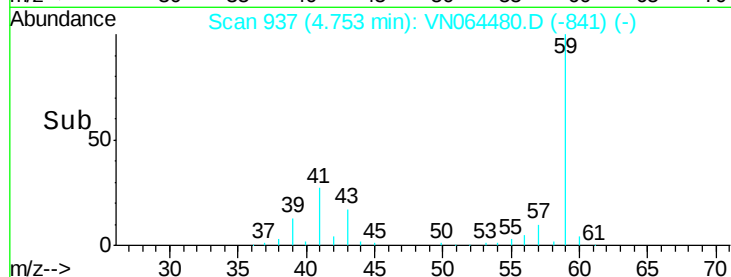
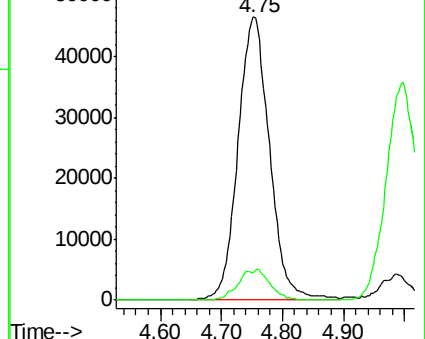
59 100

57 5.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 45.235 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

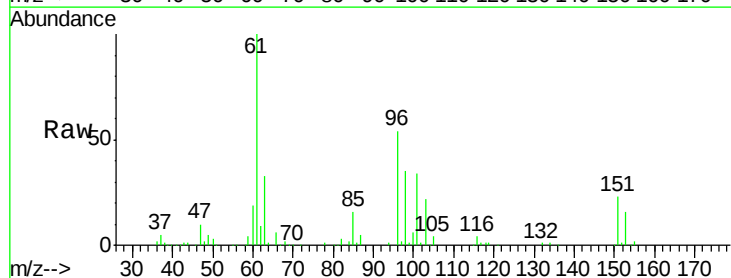
Tgt Ion: 96 Resp: 154586

Ion Ratio Lower Upper

96 100

61 185.6 149.5 224.3

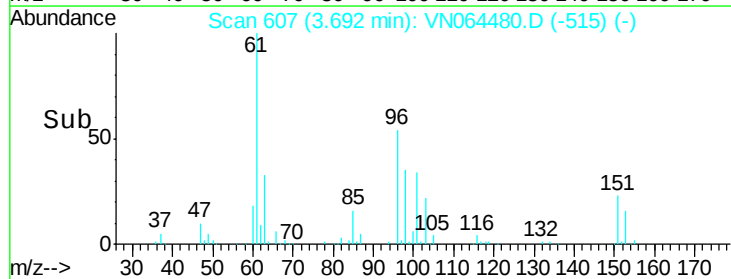
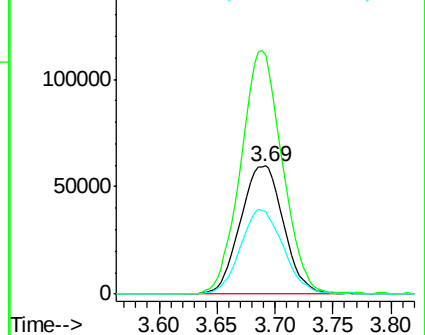
98 64.1 52.4 78.6

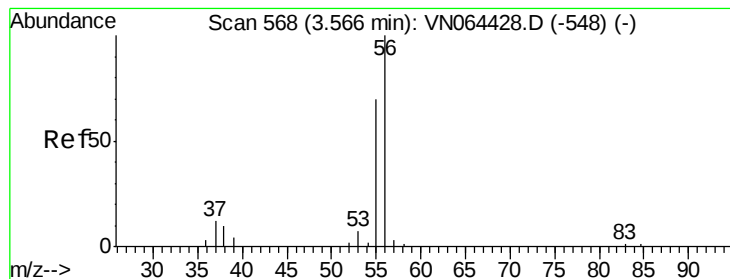


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 226.740 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

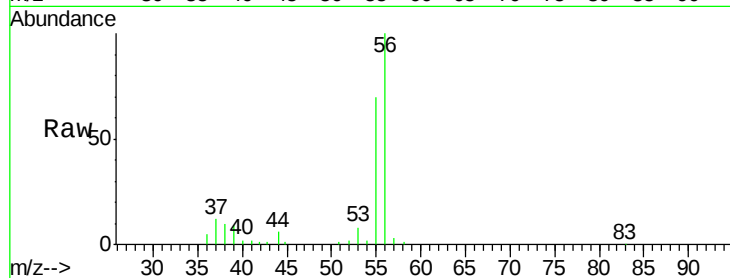
VSTDCCC050

Tot Ion: 56 Resp: 86328

Ion Ratio Lower Upper

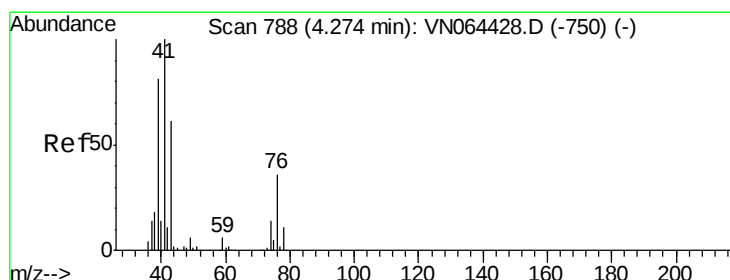
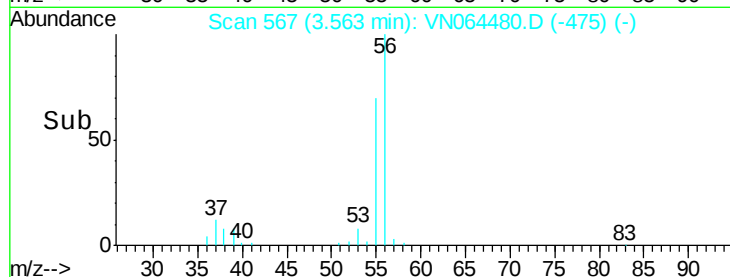
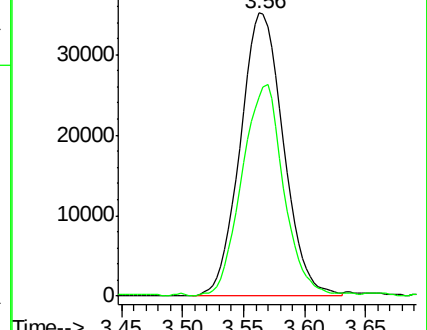
56 100

55 72.1 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN064480.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN064480.D (-548) (-)



#14

Allyl chloride

Concen: 45.697 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

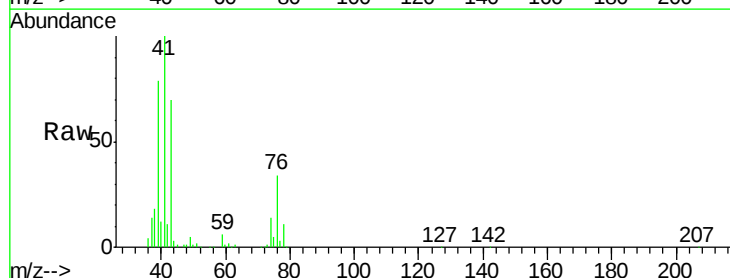
Tgt Ion: 41 Resp: 305492

Ion Ratio Lower Upper

41 100

39 77.7 61.8 92.8

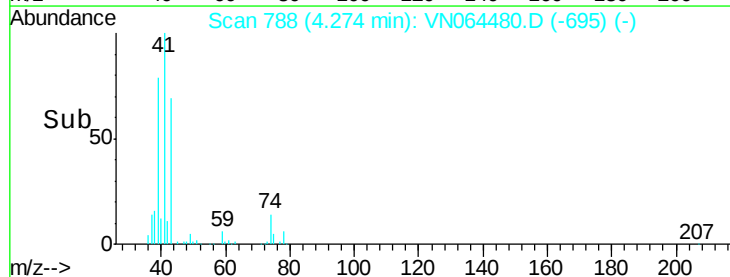
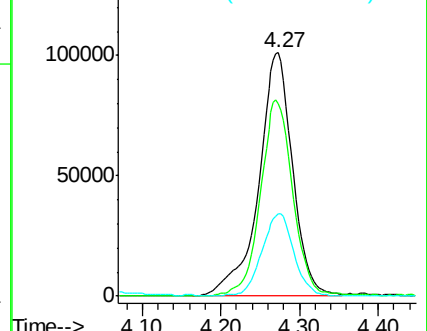
76 31.3 25.4 38.0

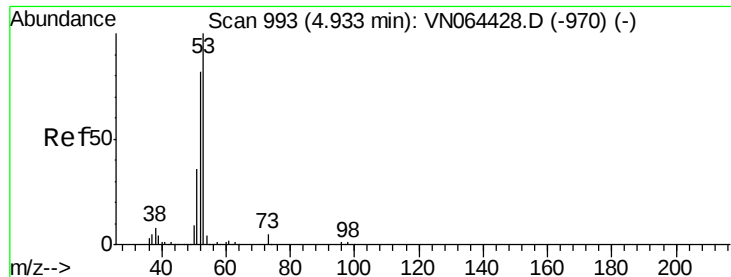


Abundance Ion 41.00 (40.70 to 41.70): VN064480.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064480.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064480.D (-695) (-)

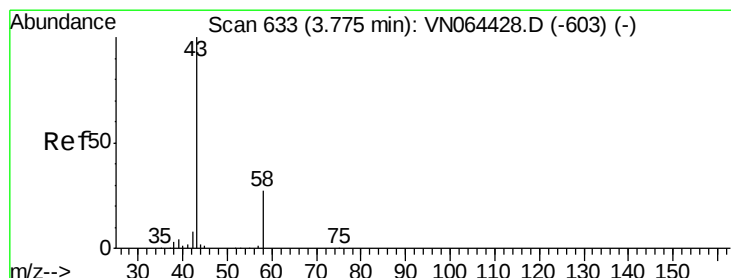
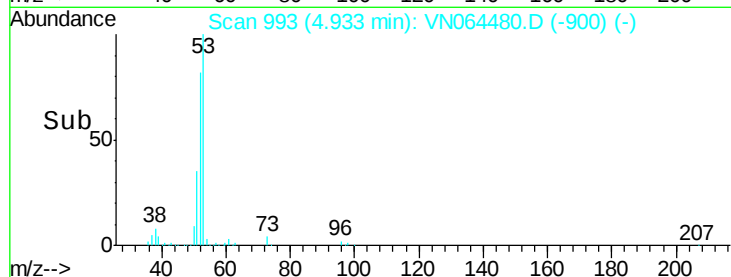
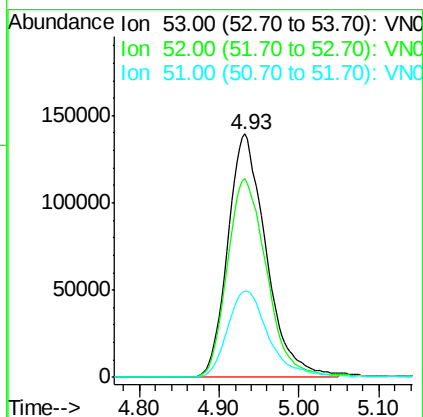
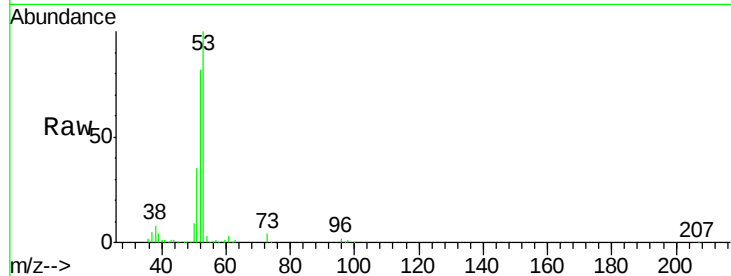




#15
 Acrylonitrile
 Concen: 266.850 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

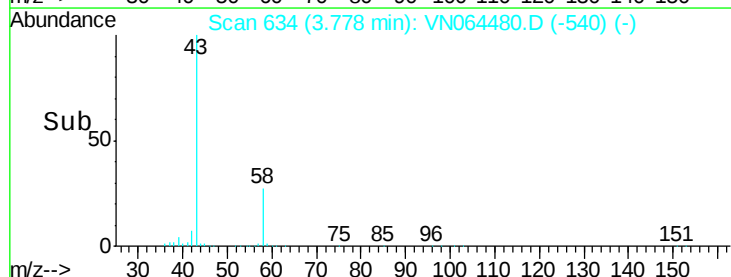
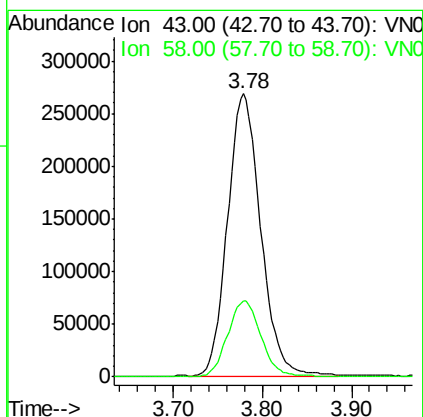
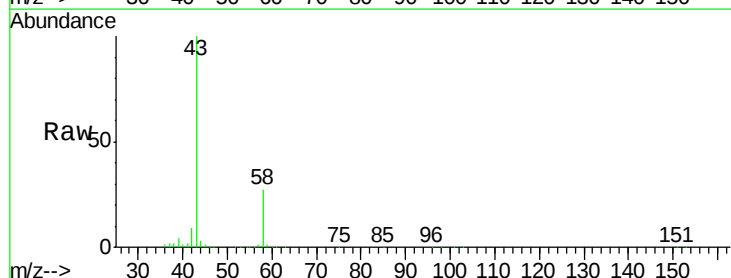
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

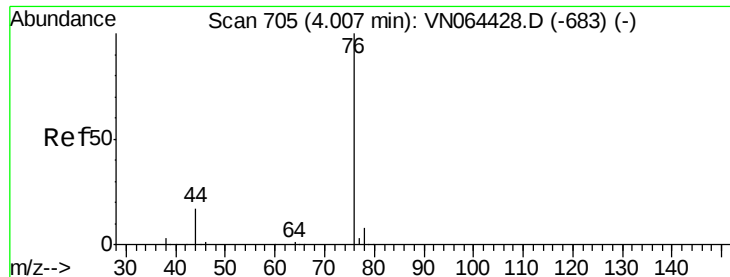
Tot Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.6	98.4
51	38.0	29.9	44.9



#16
 Acetone
 Concen: 324.222 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.8	21.4	32.0

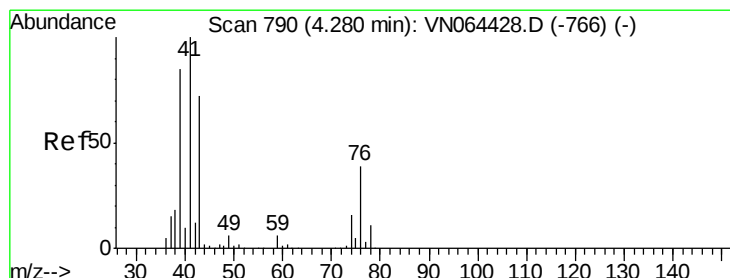
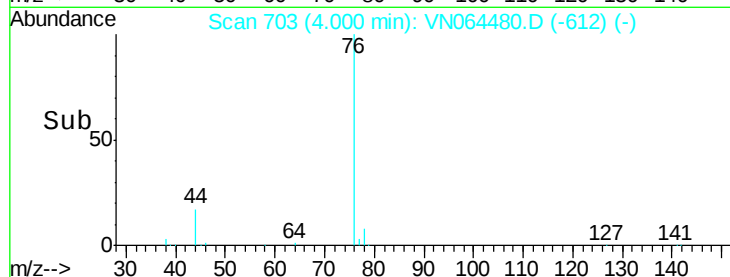
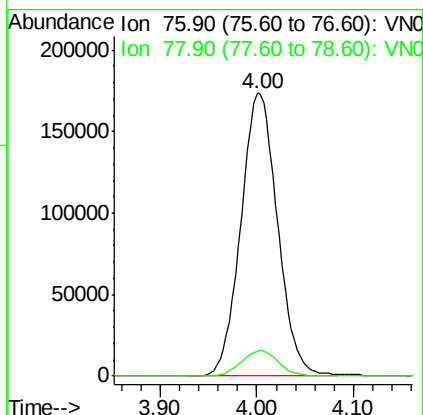
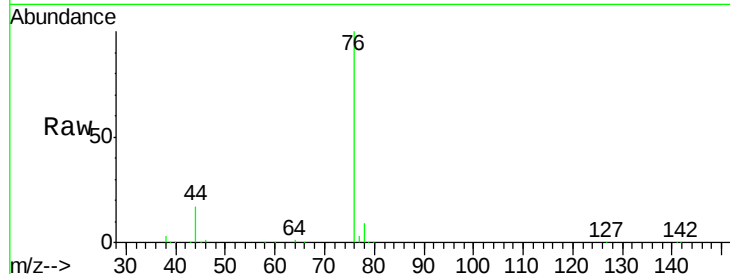




#17
Carbon Disulfide
Concen: 44.772 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

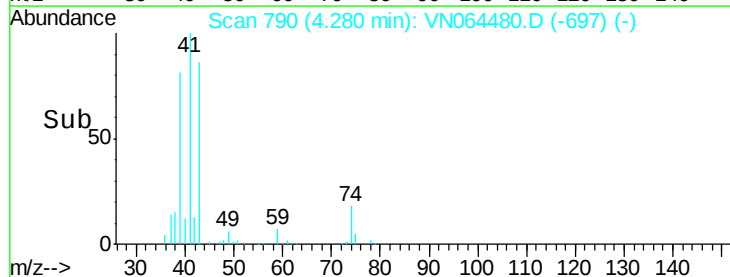
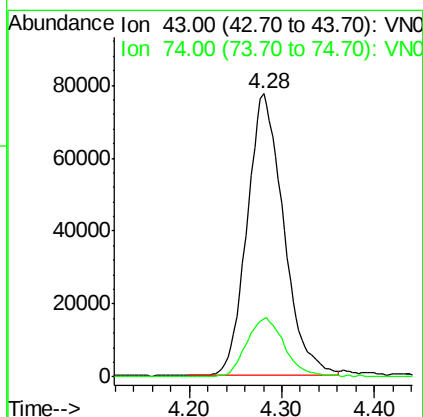
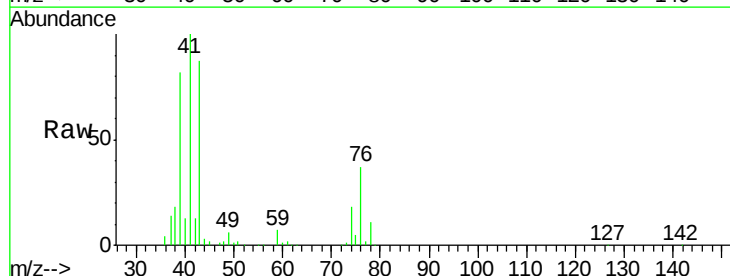
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

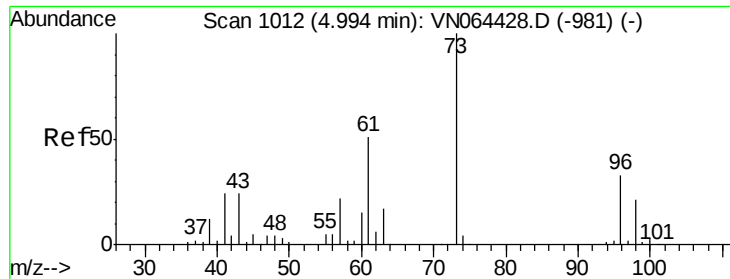
Tot Ion: 76 Resp: 457555
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 50.802 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 43 Resp: 211752
Ion Ratio Lower Upper
43 100
74 21.9 17.0 25.4

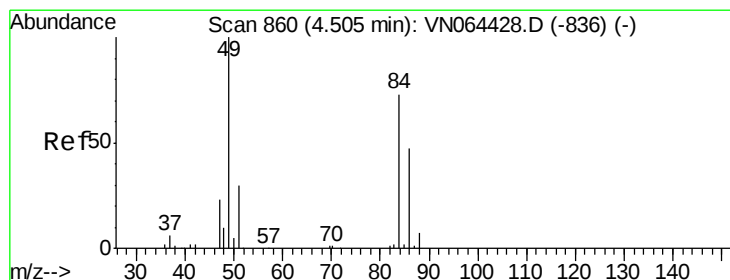
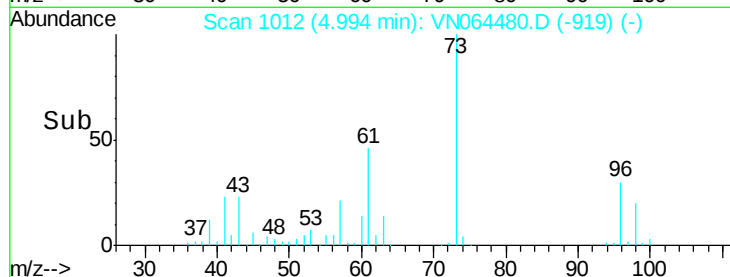
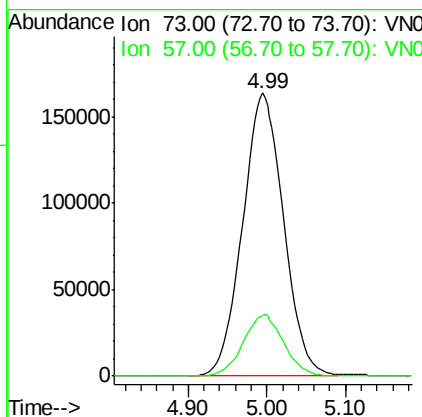
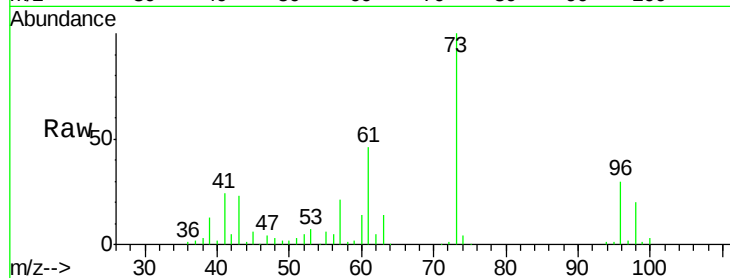




#19
Methyl tert-butyl Ether
Concen: 48.726 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

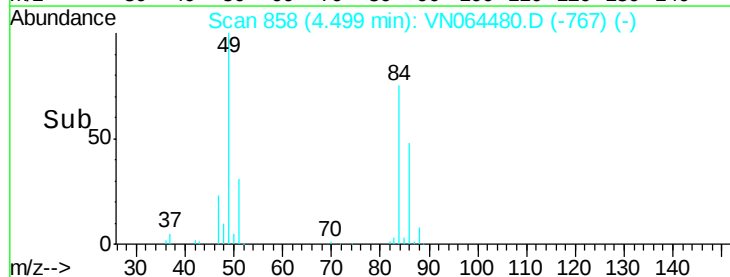
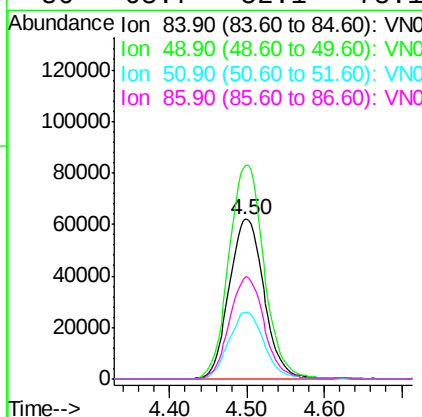
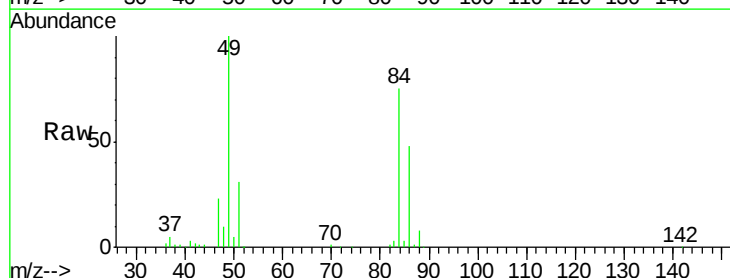
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

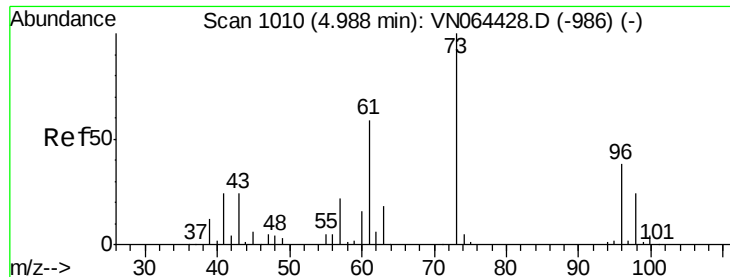
Tot Ion: 73 Resp: 599307
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 46.289 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 84 Resp: 194719
Ion Ratio Lower Upper
84 100
49 133.7 110.1 165.1
51 42.0 33.6 50.4
86 63.7 52.1 78.1



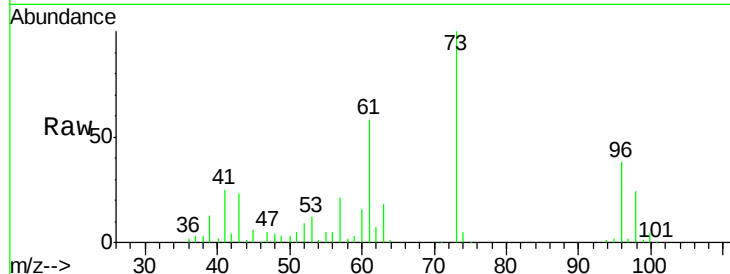


#21

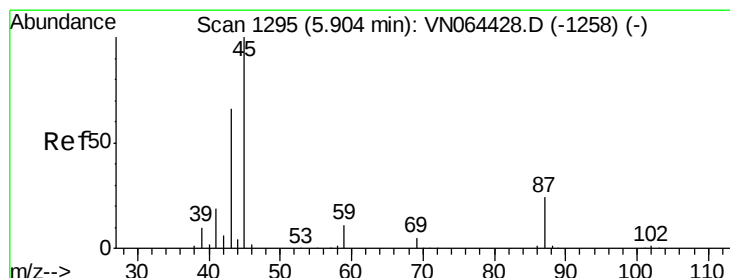
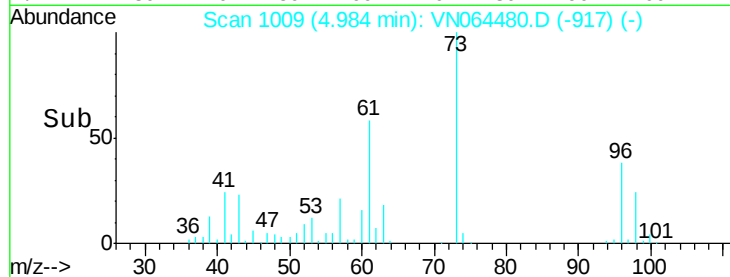
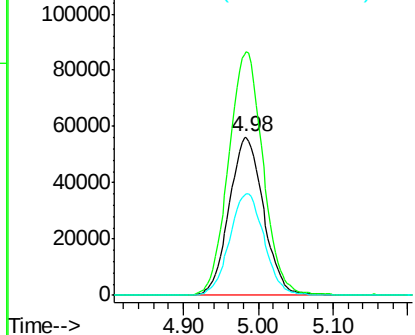
trans-1,2-Dichloroethene
Concen: 46.177 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 179178
Ion Ratio Lower Upper
96 100
61 154.3 122.4 183.6
98 64.1 50.4 75.6



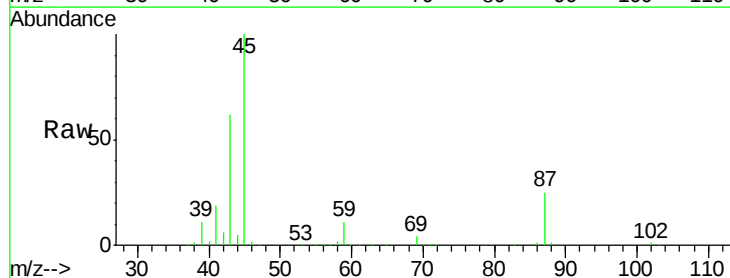
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



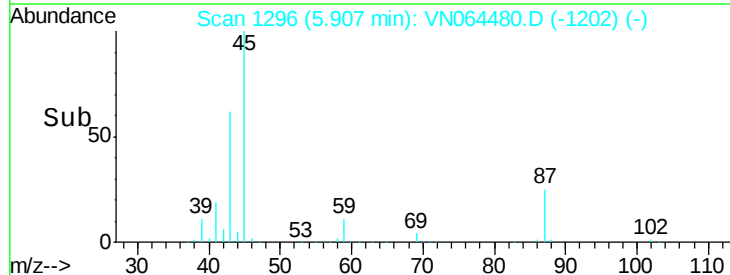
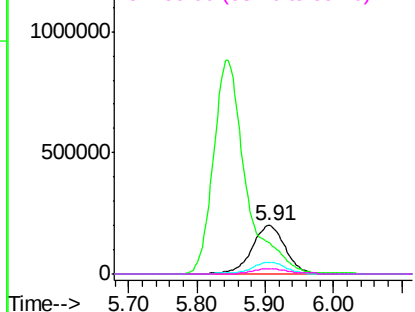
#22

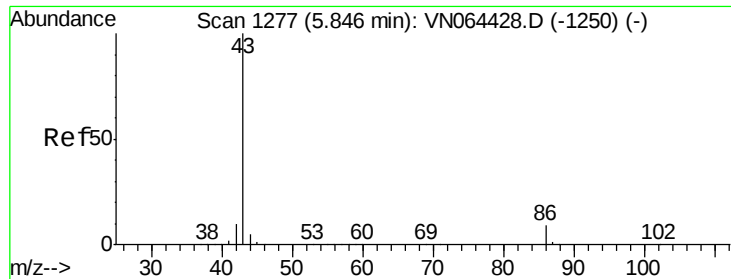
Diisopropyl ether
Concen: 48.141 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 45 Resp: 683166
Ion Ratio Lower Upper
45 100
43 60.5 53.2 79.8
87 24.6 19.9 29.9
59 10.6 8.6 13.0



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





#23

Vinyl Acetate

Concen: 253.523 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

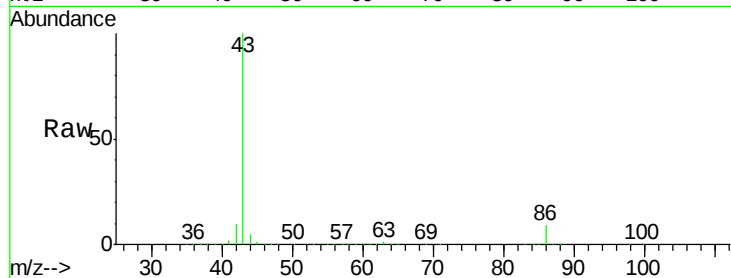
VSTDCCC050

Tot Ion: 43 Resp: 2926739

Ion Ratio Lower Upper

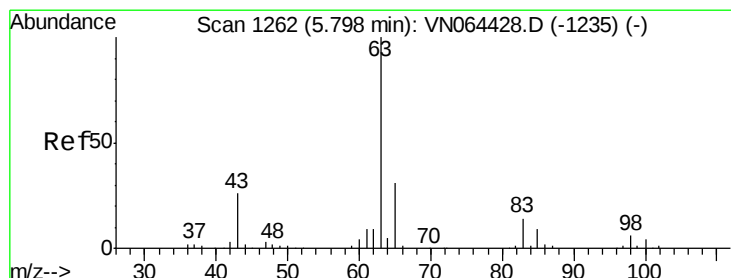
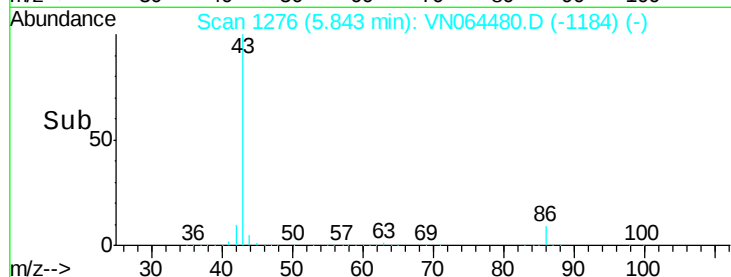
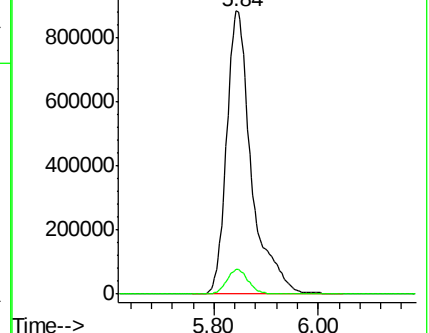
43 100

86 8.8 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064480.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064480.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 46.908 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

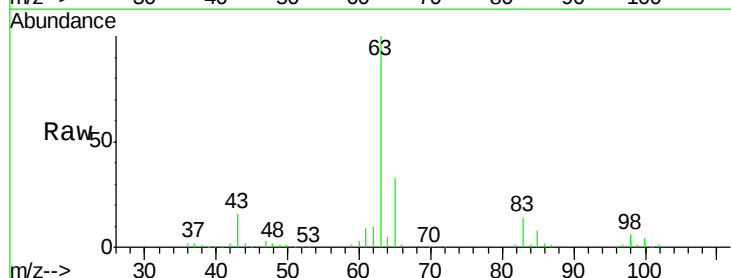
Tgt Ion: 63 Resp: 365786

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

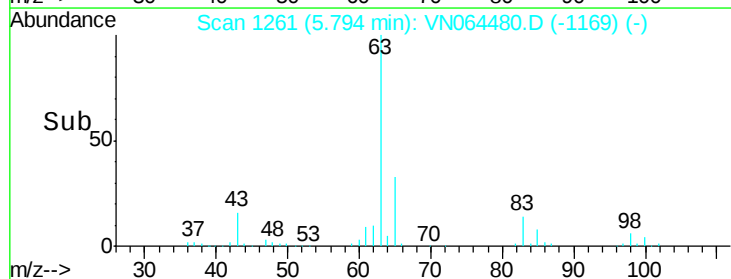
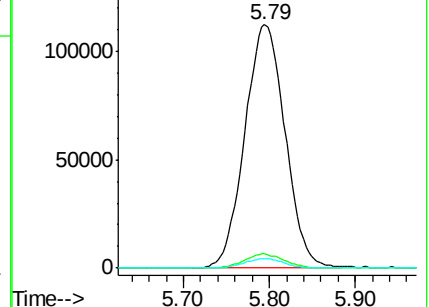
100 3.9 1.8 5.3

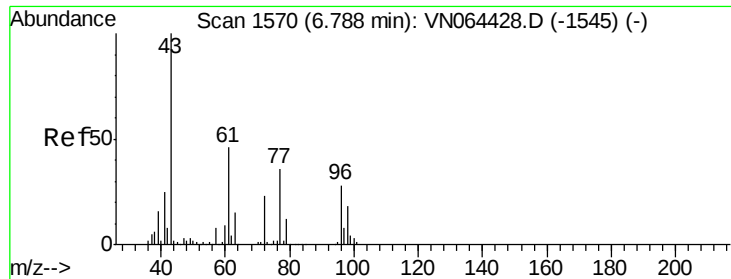


Abundance Ion 62.90 (62.60 to 63.60): VN064480.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064480.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064480.D (-1169) (-)





#25

2-Butanone

Concen: 304.678 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

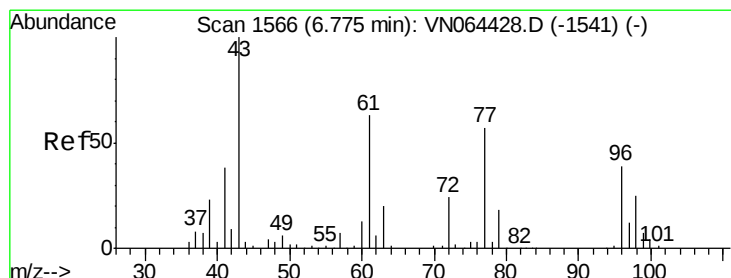
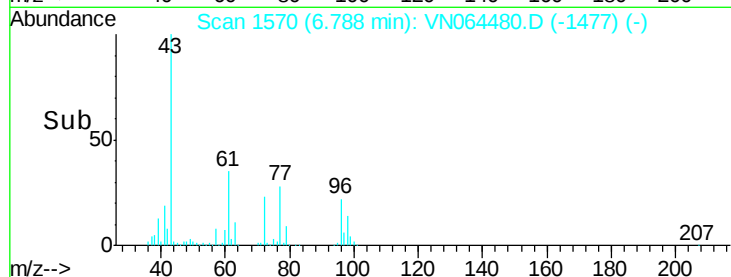
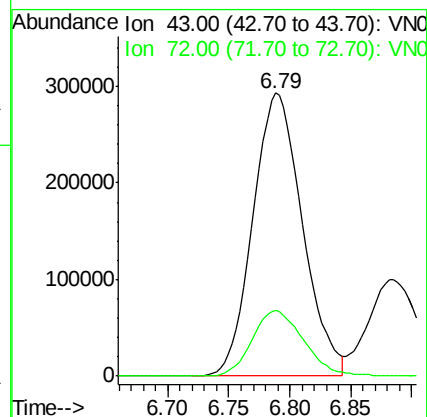
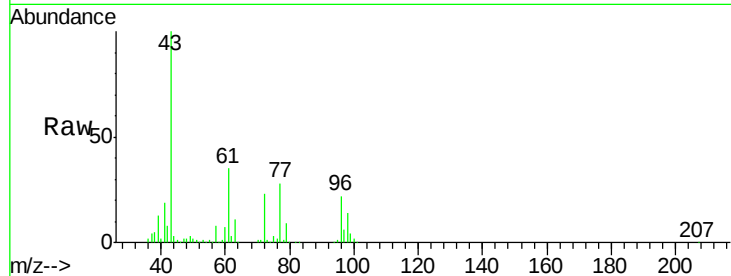
VSTDCCC050

Tot Ion: 43 Resp: 823054

Ion Ratio Lower Upper

43 100

72 23.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 45.818 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064480.D

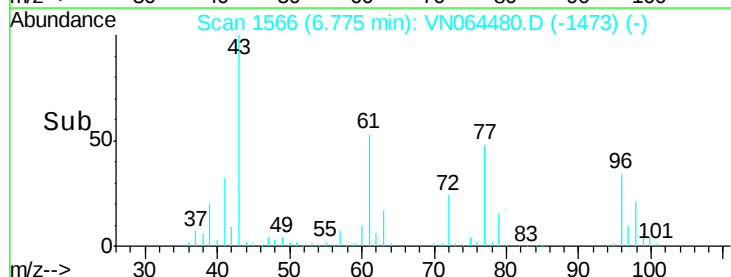
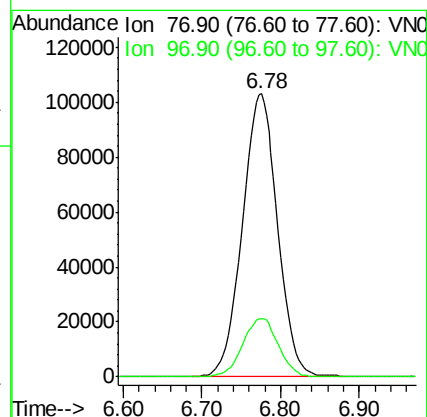
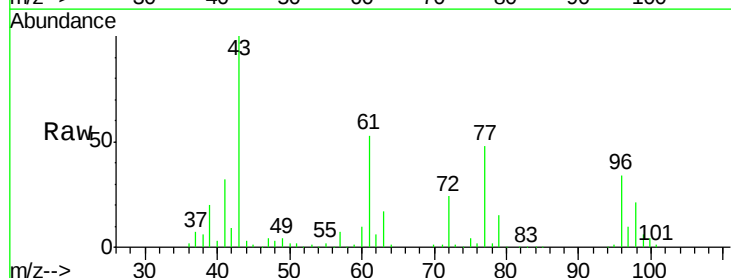
Acq: 6 Nov 2020 12:08

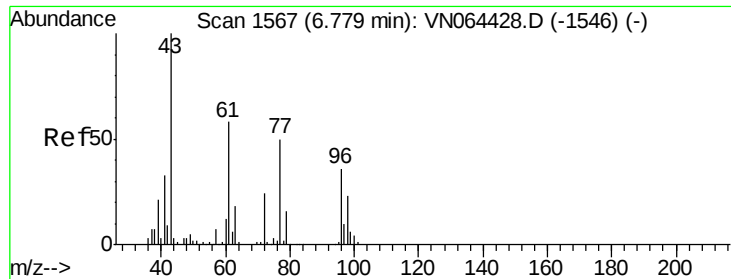
Tgt Ion: 77 Resp: 323435

Ion Ratio Lower Upper

77 100

97 21.0 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 47.029 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

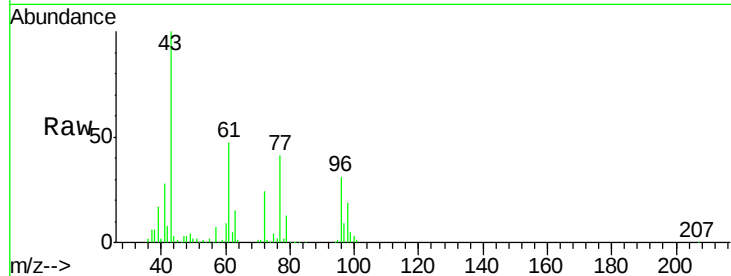
Tot Ion: 96 Resp: 211451

Ion Ratio Lower Upper

96 100

61 159.2 0.0 329.6

98 64.4 0.0 131.2

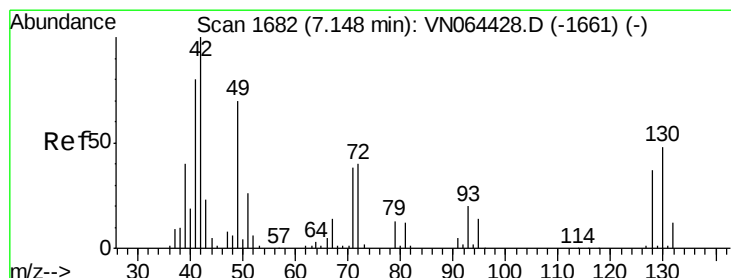
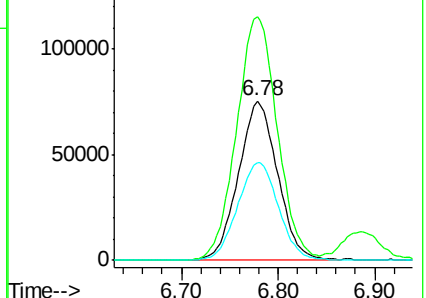
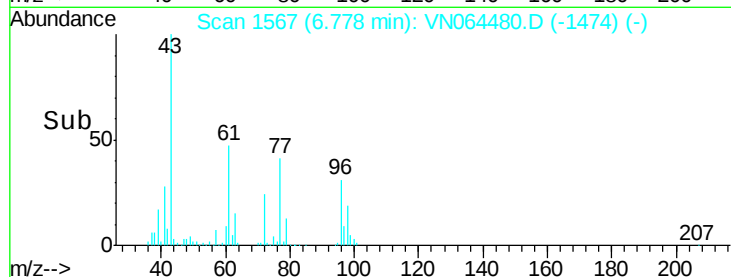


Abundance Ion 95.90 (95.60 to 96.60): VN064480.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064480.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064480.D (-1546) (-)

Time-->



#28

Bromochloromethane

Concen: 46.718 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

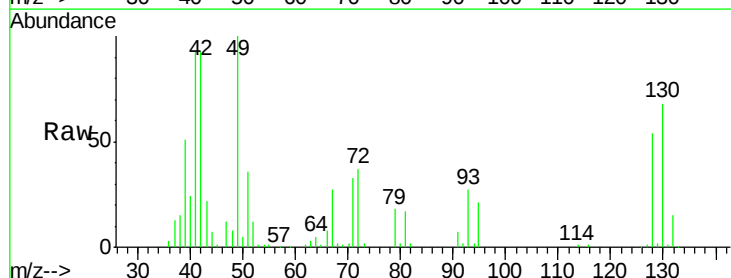
Tgt Ion: 49 Resp: 179068

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.6

130 65.9 54.2 81.4

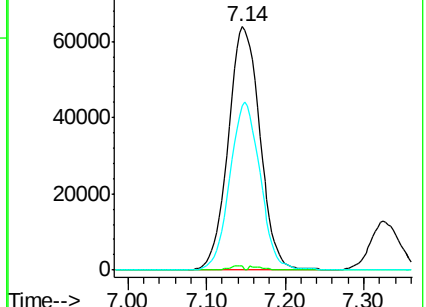
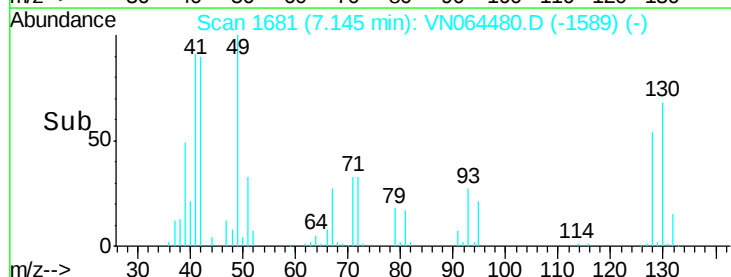


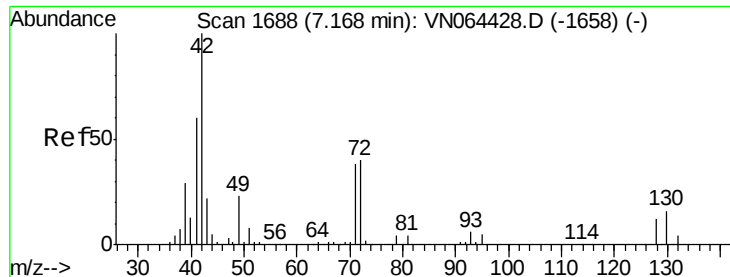
Abundance Ion 48.90 (48.60 to 49.60): VN064480.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064480.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064480.D (-1661) (-)

Time-->

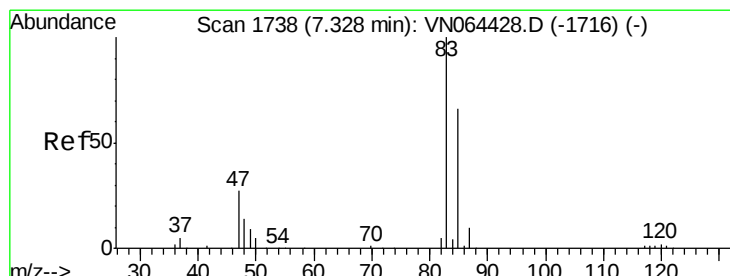
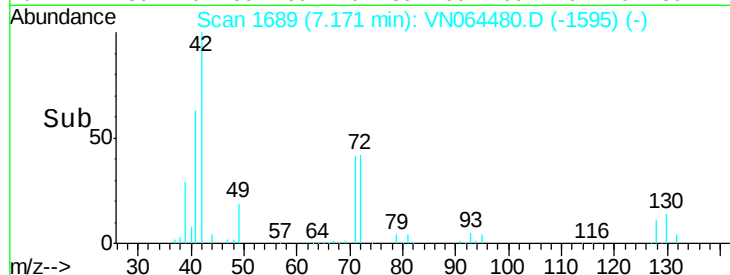
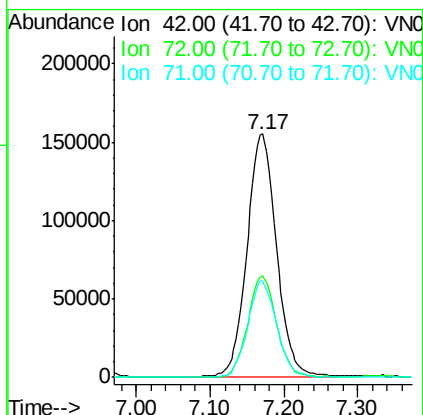
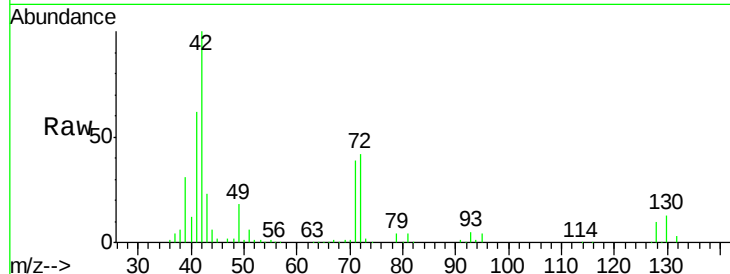




#29
Tetrahydrofuran
Concen: 261.935 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

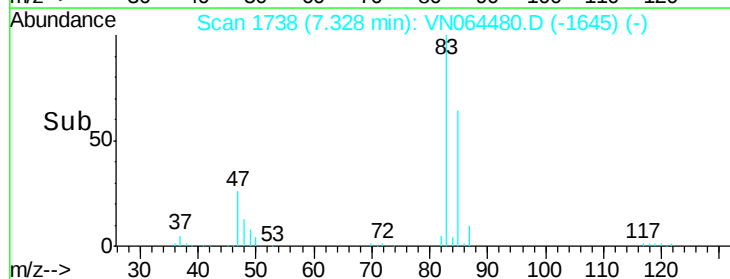
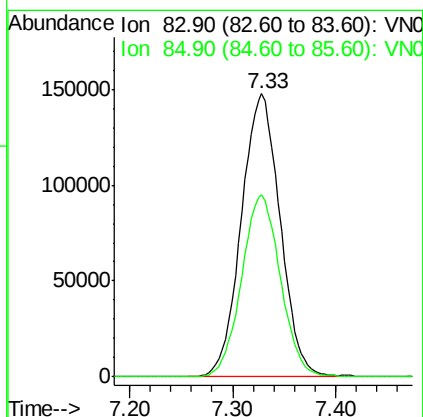
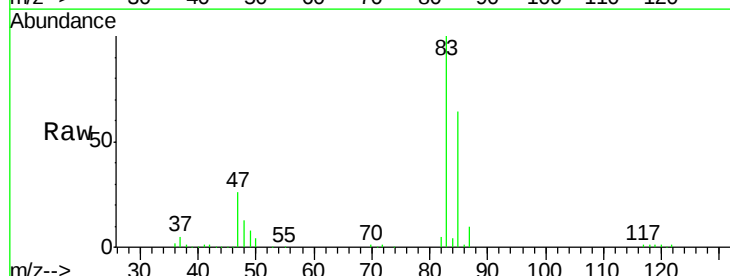
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

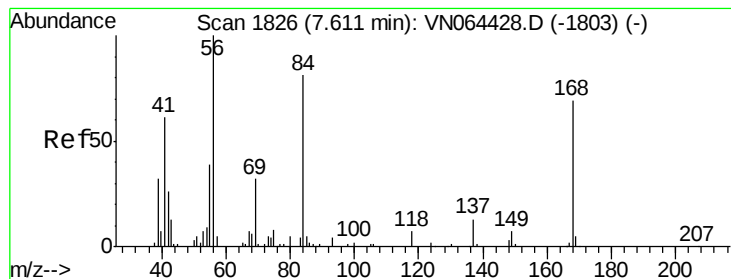
Tot Ion: 42 Resp: 434122
Ion Ratio Lower Upper
42 100
72 40.5 31.7 47.5
71 38.7 29.8 44.6



#30
Chloroform
Concen: 47.096 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 83 Resp: 386040
Ion Ratio Lower Upper
83 100
85 64.2 52.5 78.7





#31

Cyclohexane

Concen: 42.851 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

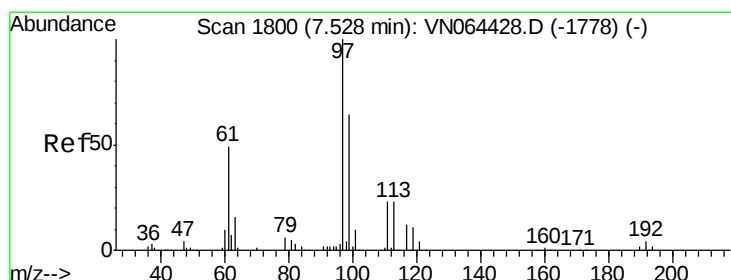
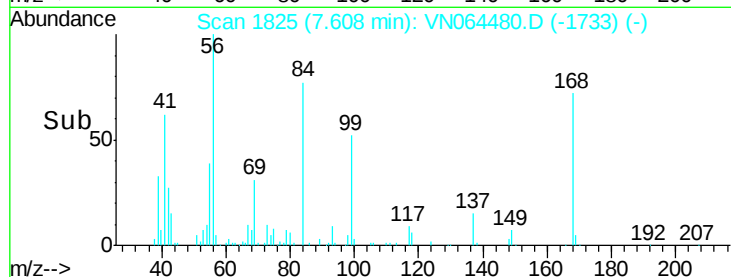
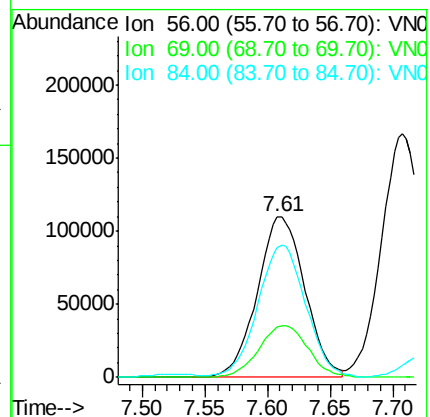
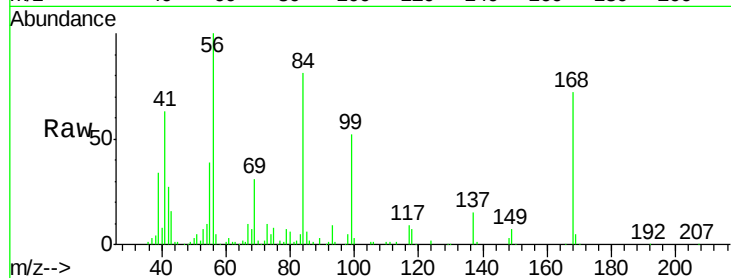
Tot Ion: 56 Resp: 289931

Ion Ratio Lower Upper

56 100

69 31.2 25.6 38.4

84 79.4 63.0 94.6



#32

1,1,1-Trichloroethane

Concen: 46.583 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

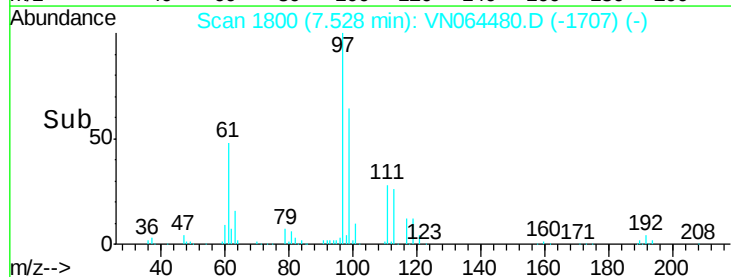
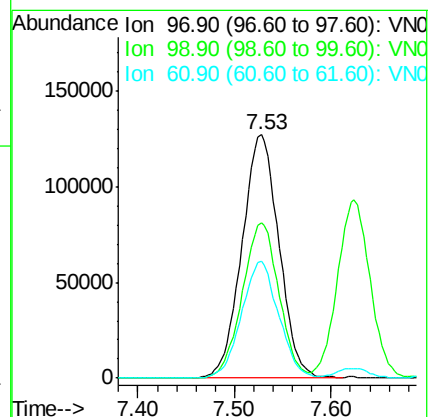
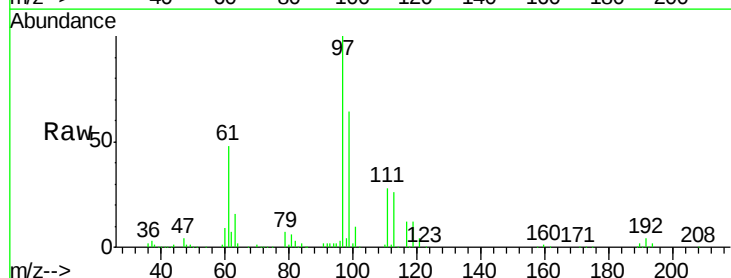
Tgt Ion: 97 Resp: 338667

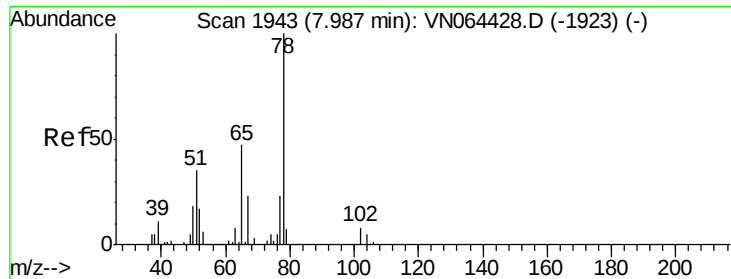
Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 47.7 39.1 58.7

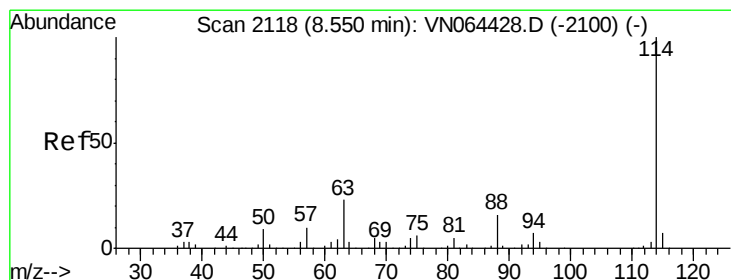
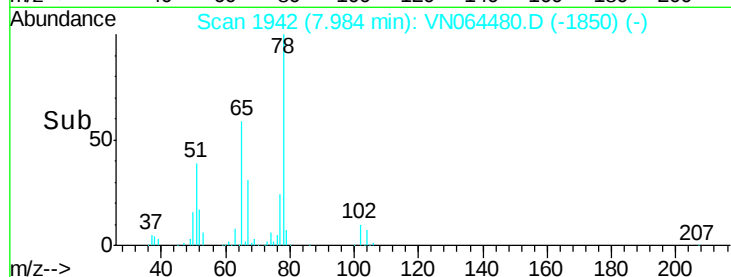
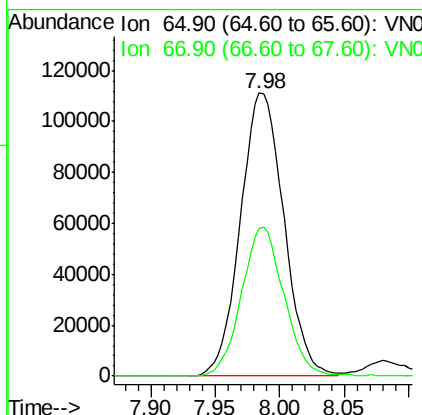
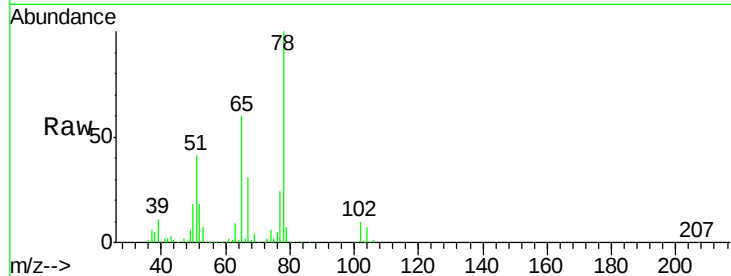




#33
 1,2-Dichloroethane-d4
 Concen: 46.965 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

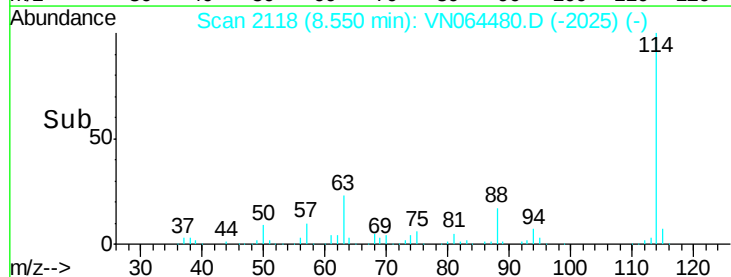
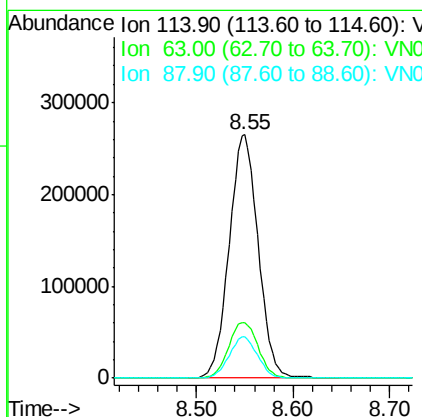
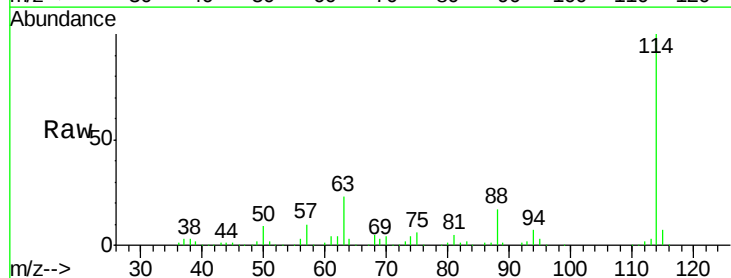
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

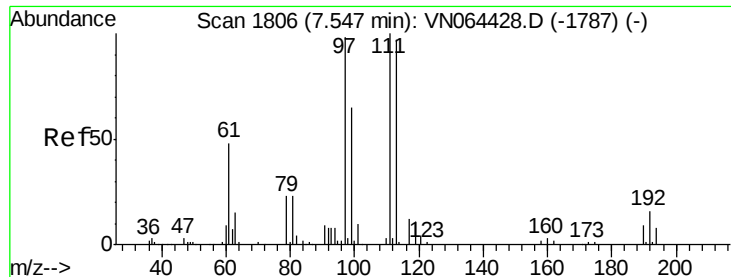
Tot Ion: 65 Resp: 261406
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 114 Resp: 551468
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 17.0 0.0 32.8

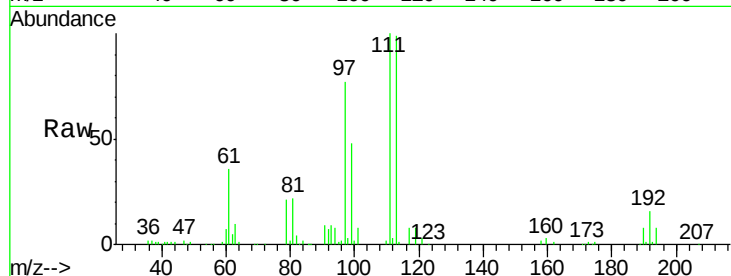




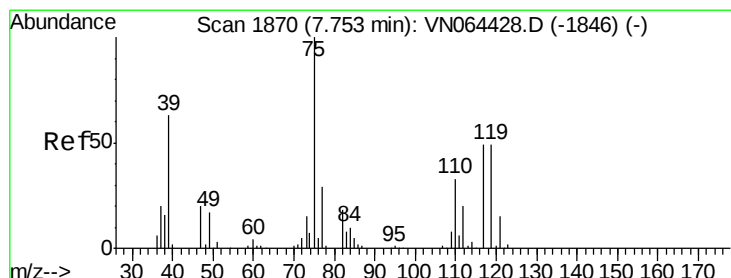
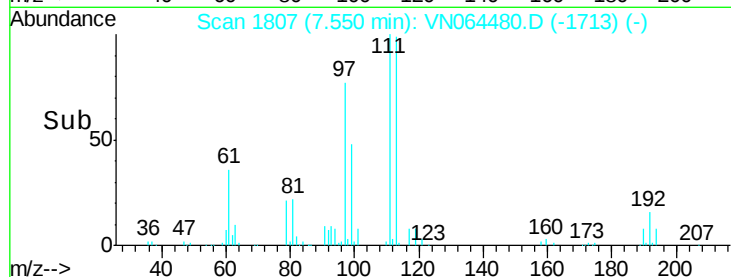
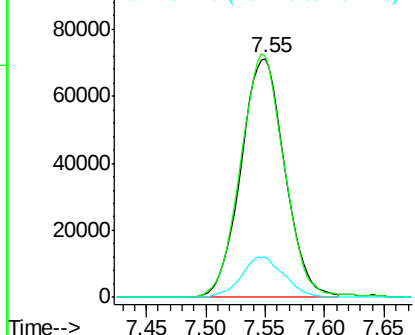
#35
 Dibromofluoromethane
 Concen: 48.443 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 181889
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 16.4 12.8 19.2

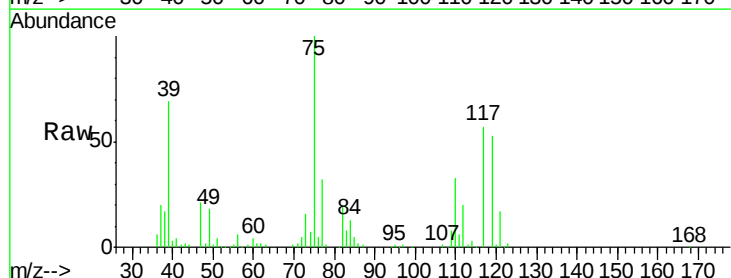


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

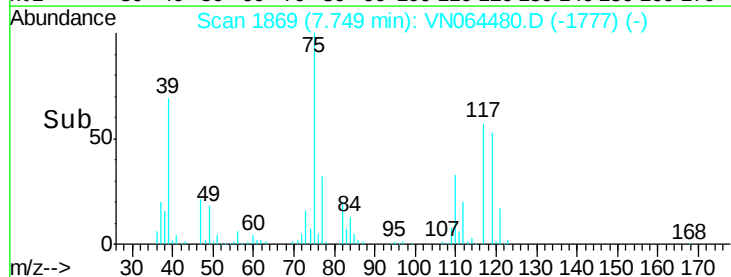
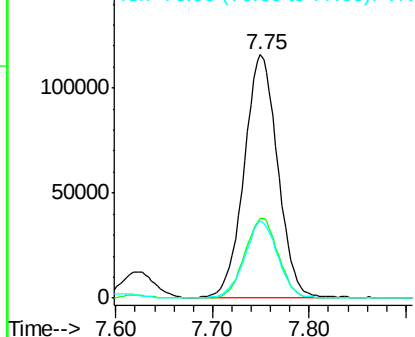


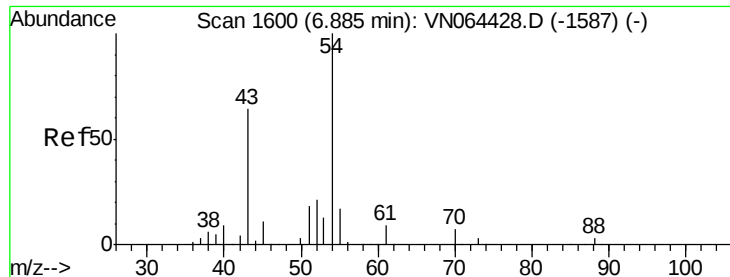
#36
 1,1-Dichloropropene
 Concen: 47.758 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 75 Resp: 278229
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.0 48.0
 77 31.7 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

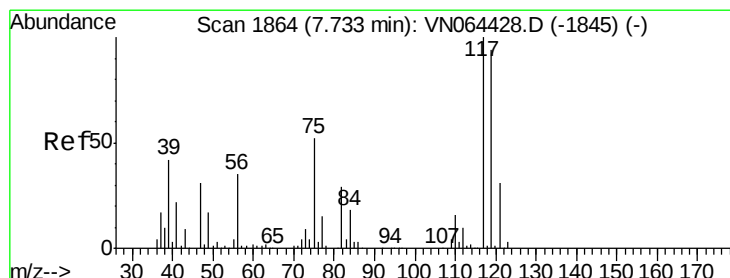
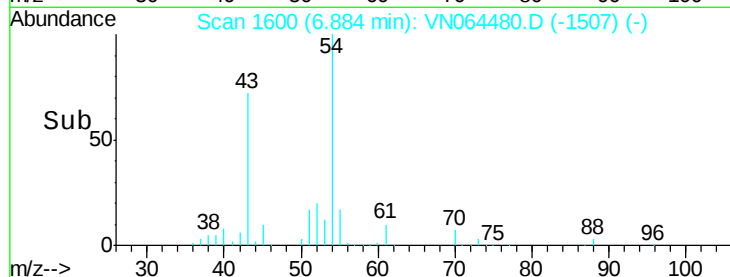
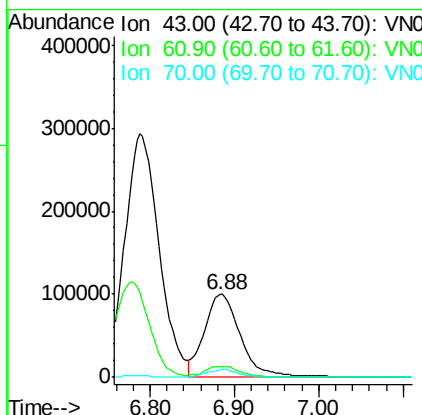
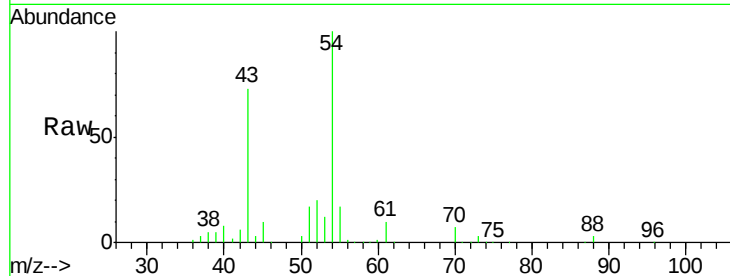




#37
Ethyl Acetate
Concen: 49.224 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

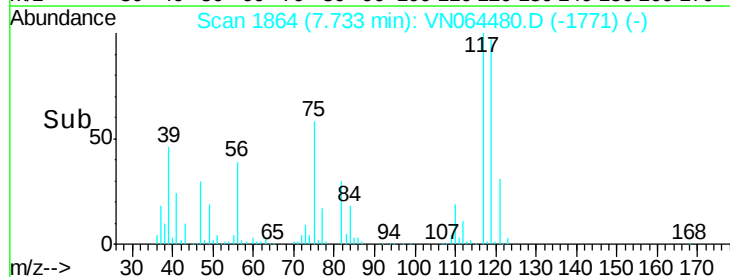
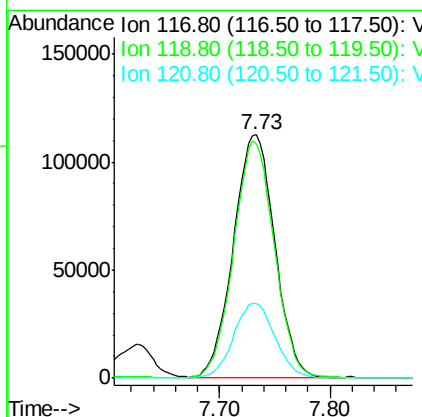
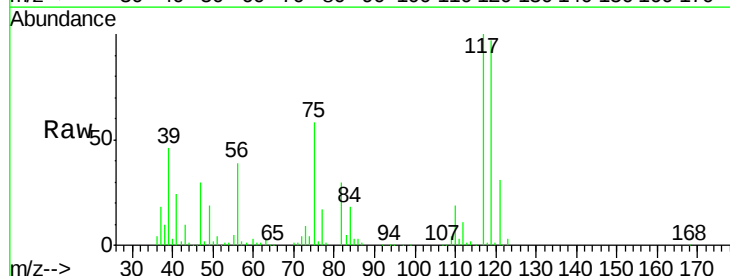
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

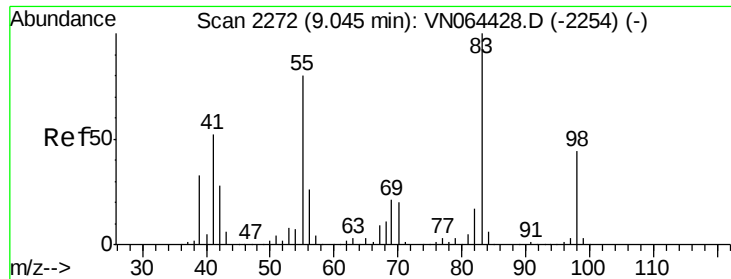
Tot Ion: 43 Resp: 290983
Ion Ratio Lower Upper
43 100
61 13.2 10.0 15.0
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 46.954 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 117 Resp: 292354
Ion Ratio Lower Upper
117 100
119 96.4 75.5 113.3
121 30.6 24.4 36.6

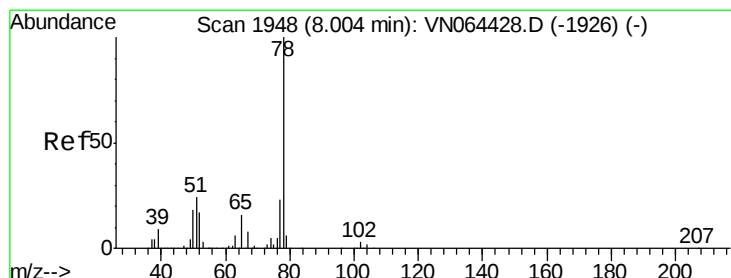
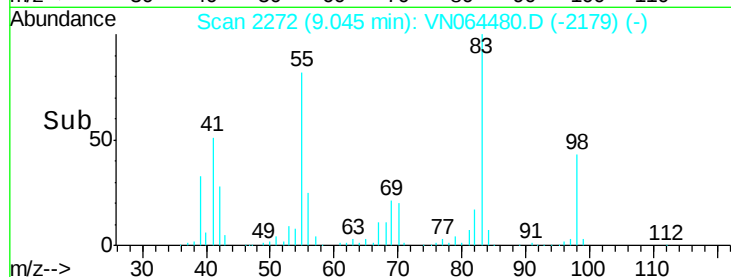
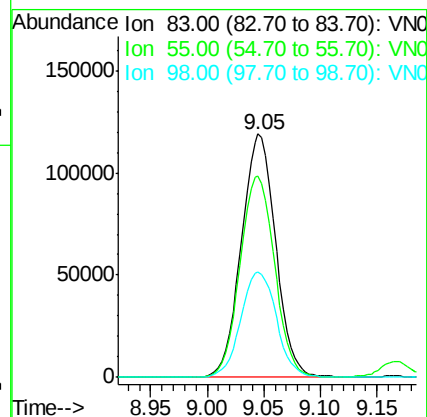
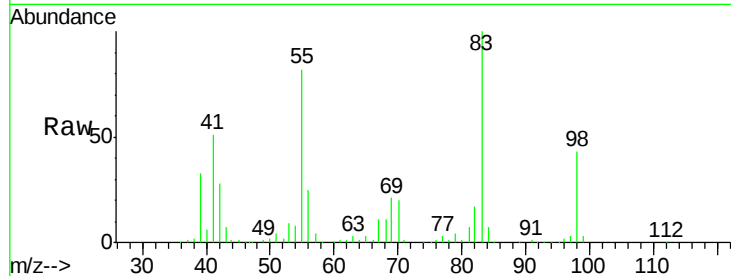




#39
Methvlcvclohexane
Concen: 48.132 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

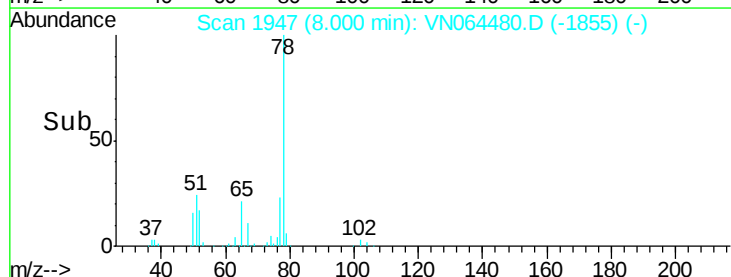
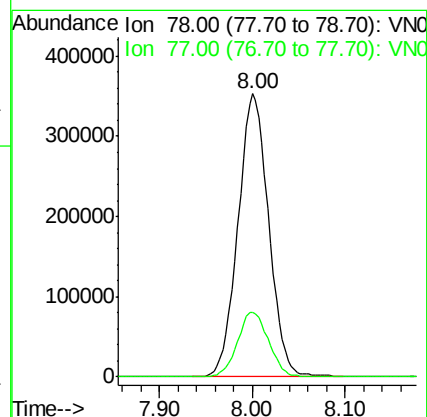
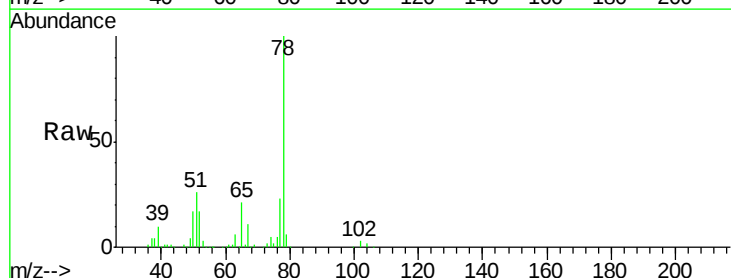
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

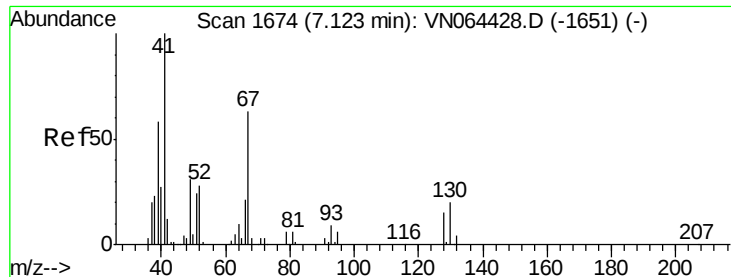
Tot Ion: 83 Resp: 251369
Ion Ratio Lower Upper
83 100
55 82.5 63.8 95.6
98 43.2 35.4 53.2



#40
Benzene
Concen: 47.309 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 78 Resp: 809892
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

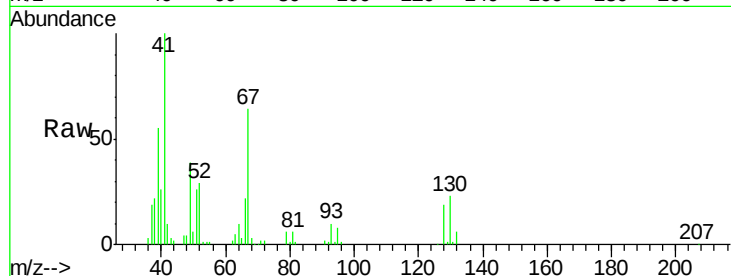




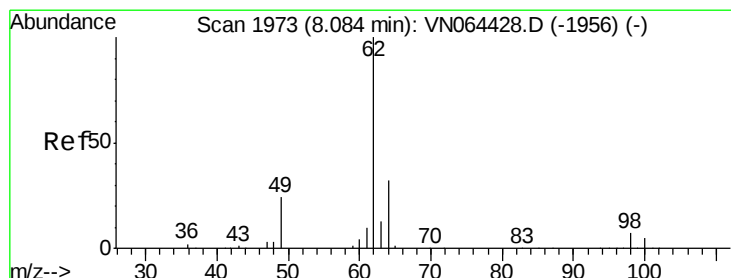
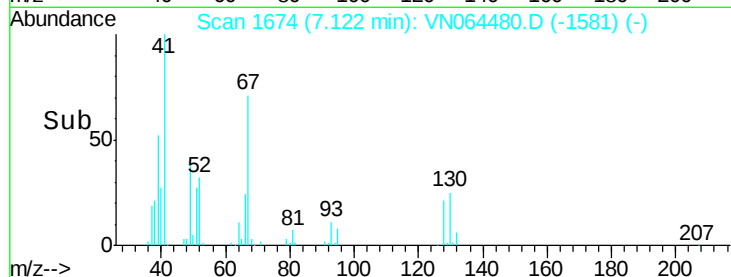
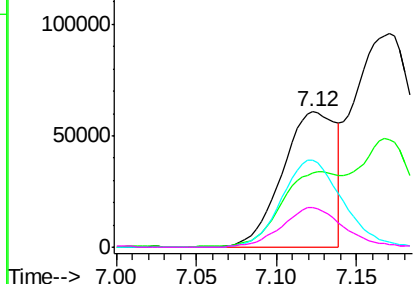
#41
Methacrylonitrile
Concen: 55.009 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	142082
Ion	Ratio	Lower	Upper
41	100		
39	56.9	50.0	75.0
67	73.5	68.3	102.5
52	34.0	32.7	49.1

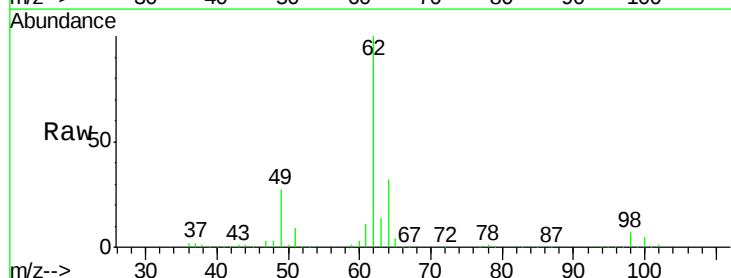


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

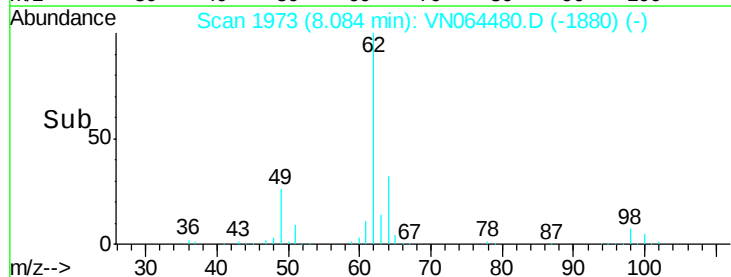
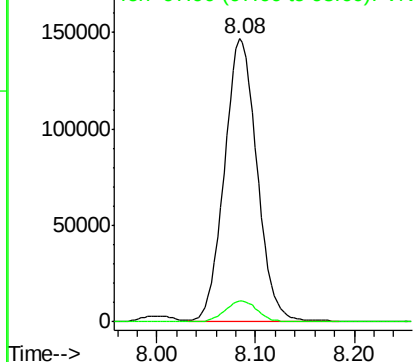


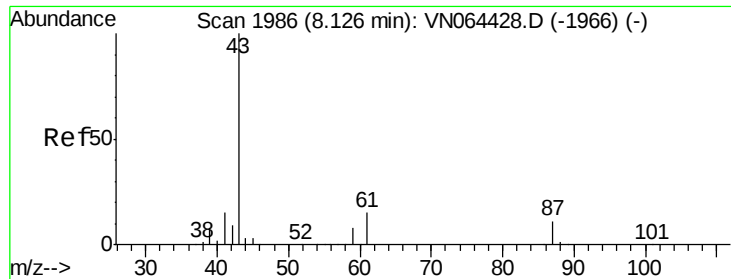
#42
1,2-Dichloroethane
Concen: 48.844 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion:	62	Resp:	337443
Ion	Ratio	Lower	Upper
62	100		
98	7.5	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: 51.721 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

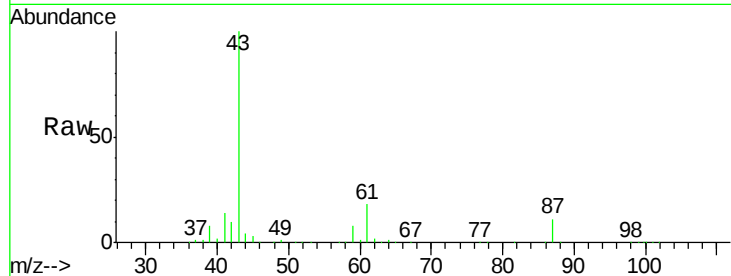
Tot Ion: 43 Resp: 488319

Ion Ratio Lower Upper

43 100

61 18.0 14.0 21.0

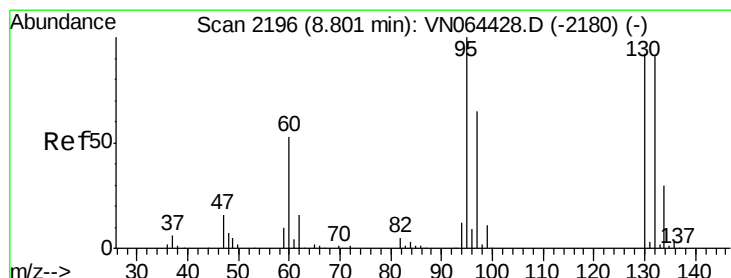
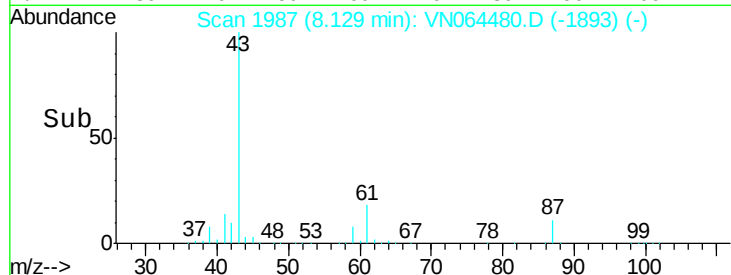
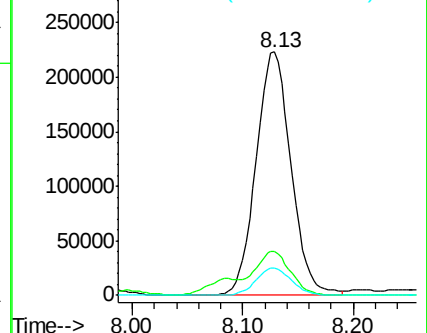
87 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064480.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN064480.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN064480.D (-1987) (-)



#44

Trichloroethene

Concen: 46.696 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064480.D

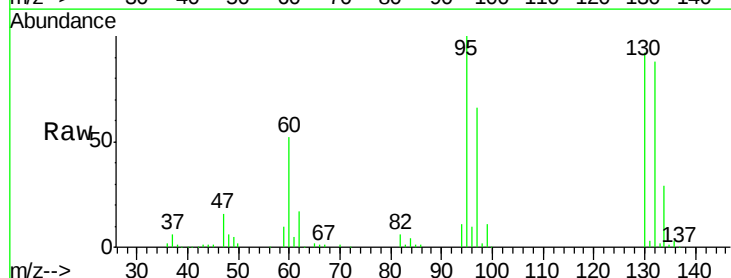
Acq: 6 Nov 2020 12:08

Tgt Ion:130 Resp: 201689

Ion Ratio Lower Upper

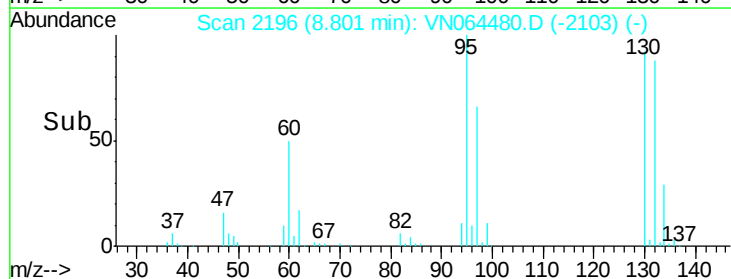
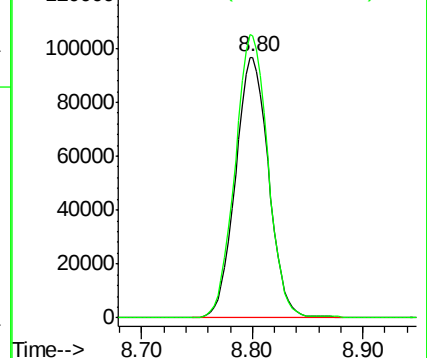
130 100

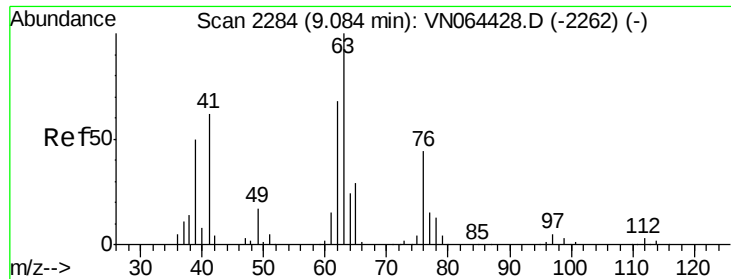
95 108.2 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064480.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064480.D (-2196) (-)

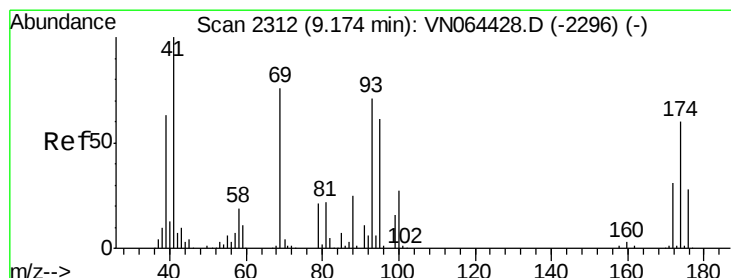
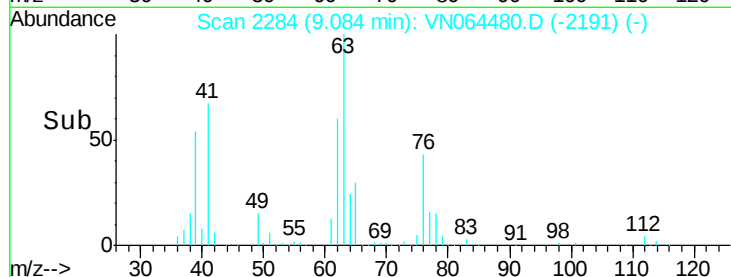
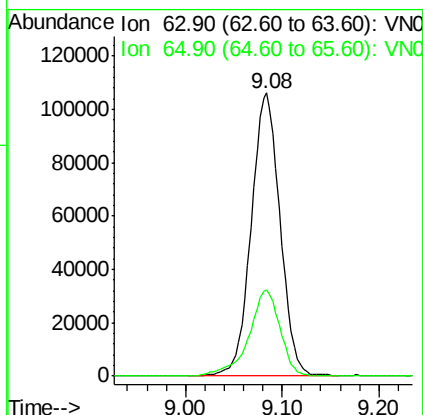
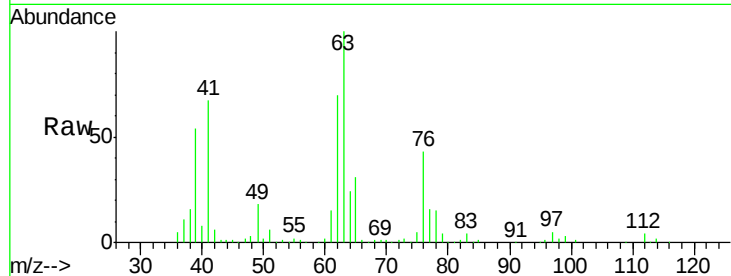




#45
 1,2-Dichloropropane
 Concen: 48.056 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

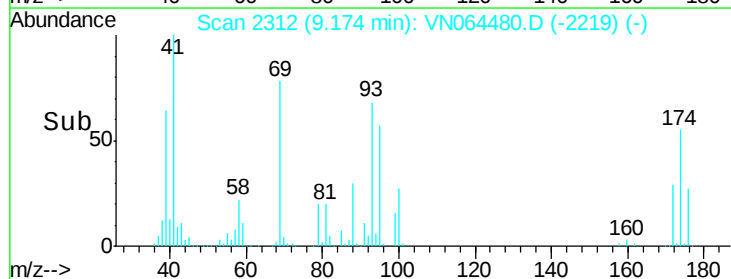
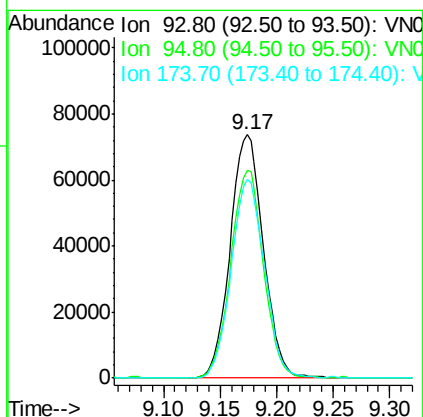
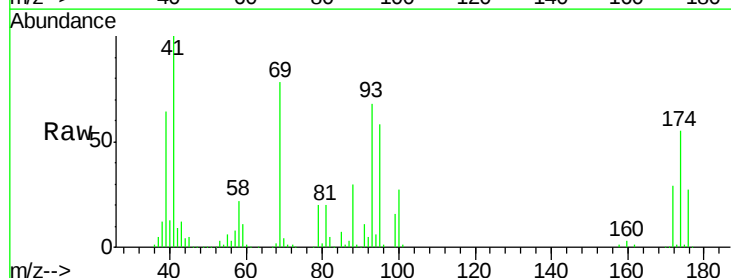
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

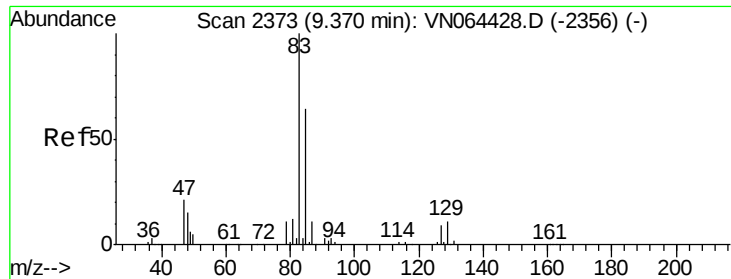
Tot Ion: 63 Resp: 219514
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.6 35.4



#46
 Dibromomethane
 Concen: 50.177 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 93 Resp: 150882
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.4 99.6
 174 81.9 67.2 100.8





#47

Bromodichloromethane

Concen: 49.382 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

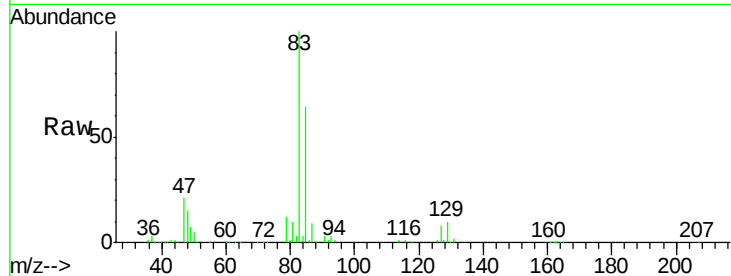
Tot Ion: 83 Resp: 319282

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

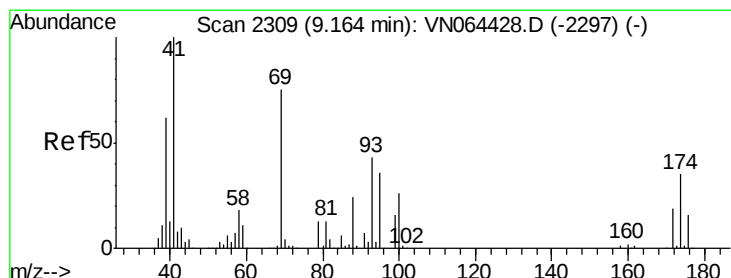
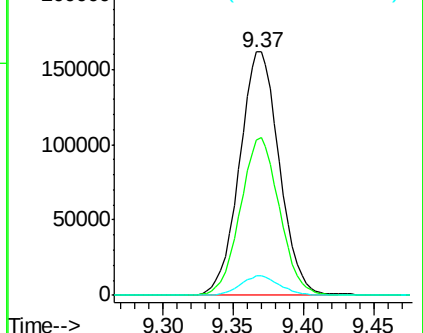
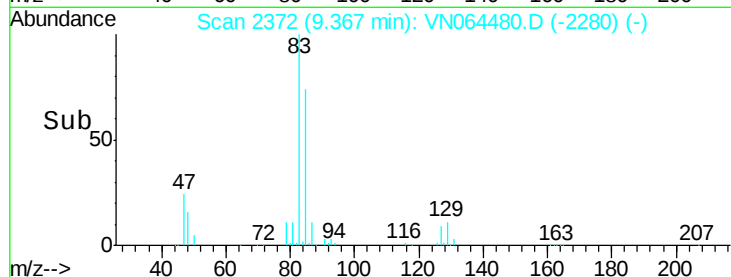
127 7.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064480.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064480.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064480.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.513 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

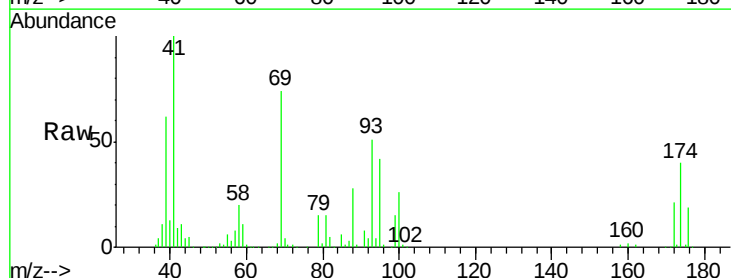
Tgt Ion: 41 Resp: 245416

Ion Ratio Lower Upper

41 100

69 75.5 60.4 90.6

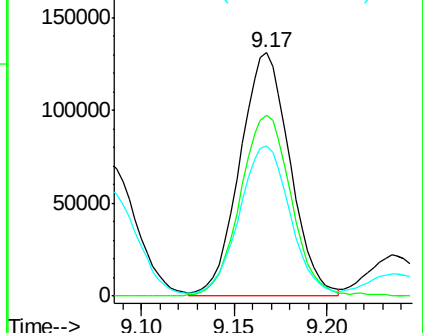
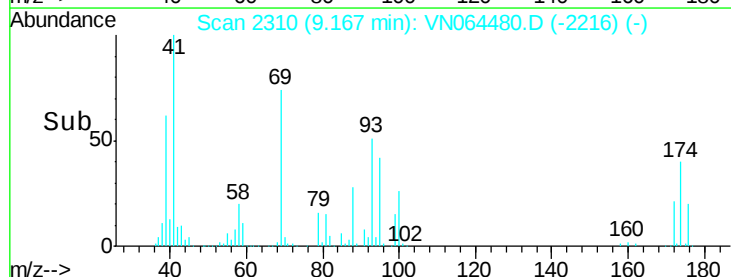
39 62.9 51.2 76.8

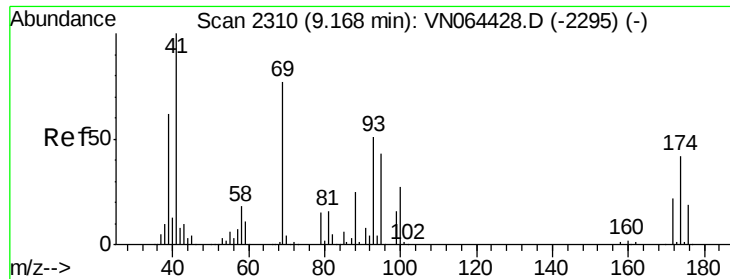


Abundance Ion 41.00 (40.70 to 41.70): VN064480.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064480.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064480.D (-2216) (-)

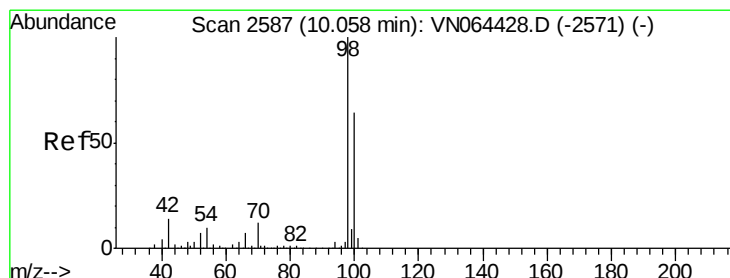
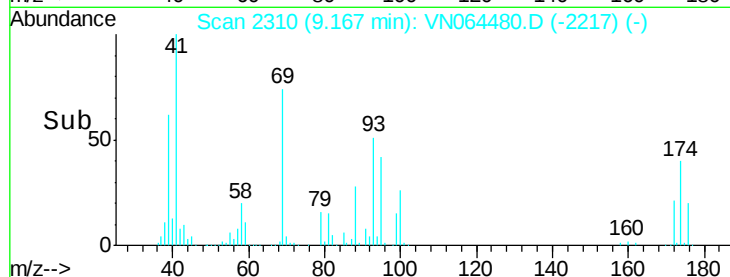
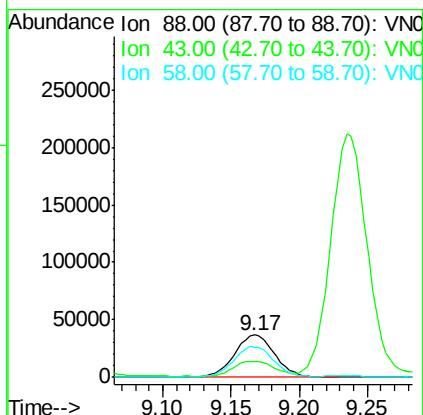
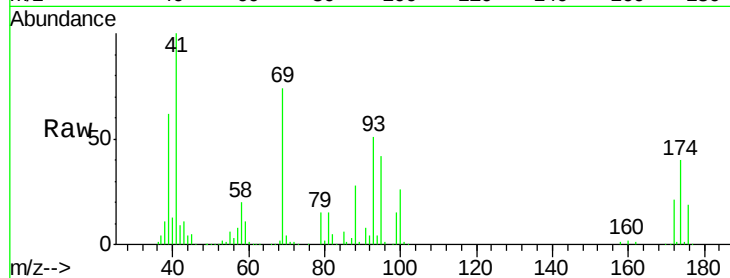




#49
 1,4-Dioxane
 Concen: 1206.834 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

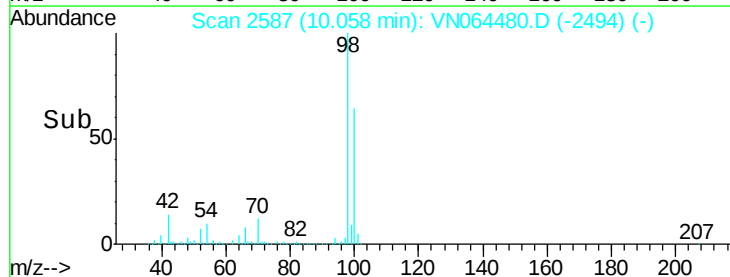
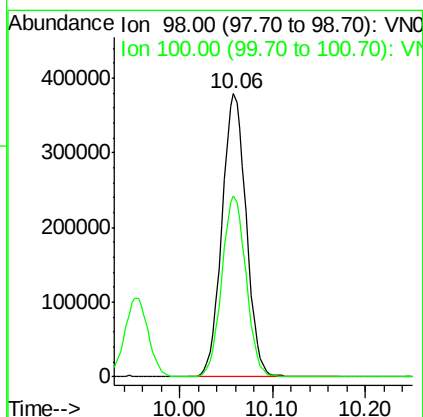
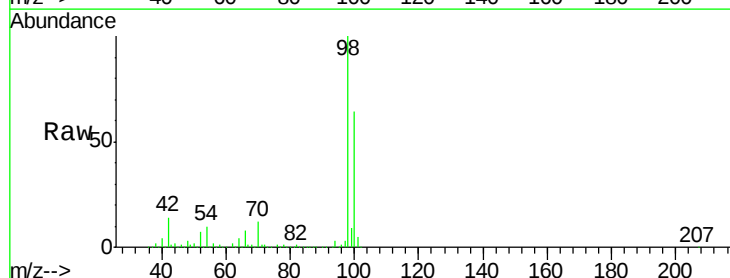
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

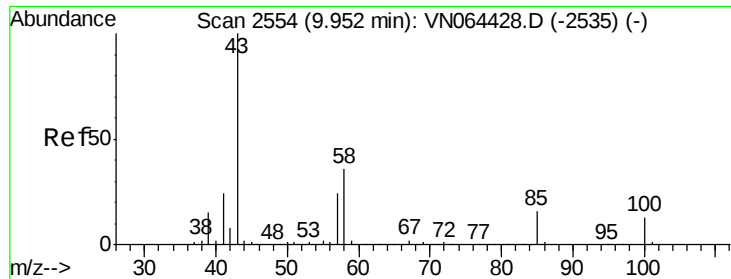
Tot Ion: 88 Resp: 75729
 Ion Ratio Lower Upper
 88 100
 43 37.0 31.0 46.6
 58 72.4 58.4 87.6



#50
 Toluene-d8
 Concen: 47.341 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 98 Resp: 687023
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 272.833 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

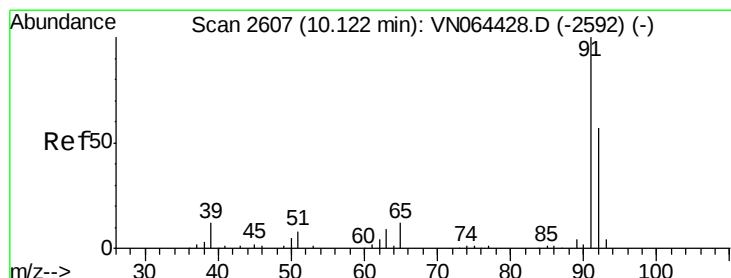
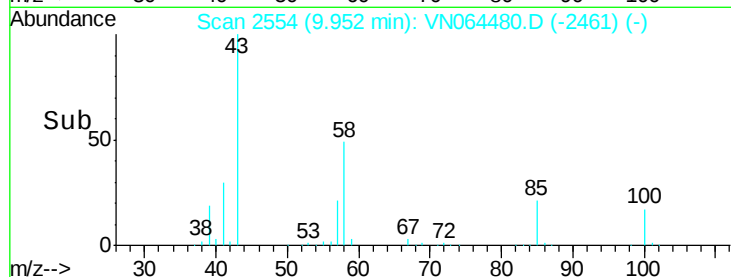
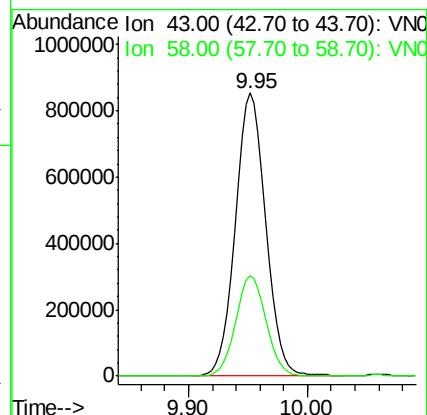
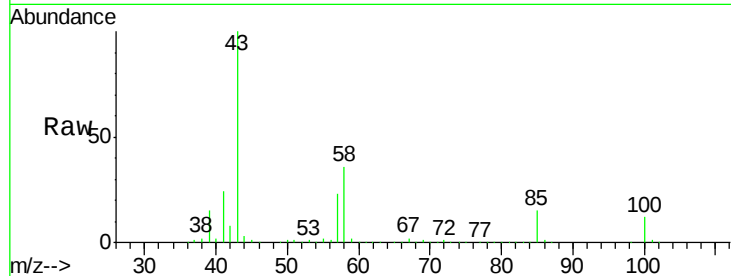
VSTDCCC050

Tot Ion: 43 Resp: 1502193

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6



#52

Toluene

Concen: 49.278 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064480.D

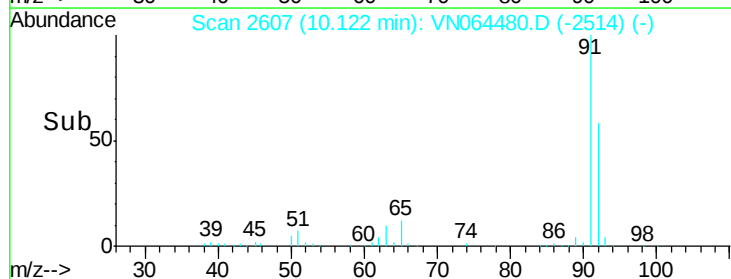
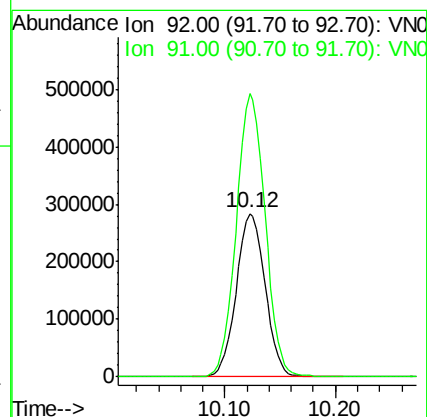
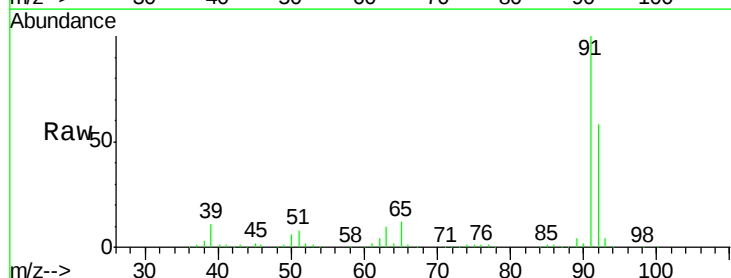
Acq: 6 Nov 2020 12:08

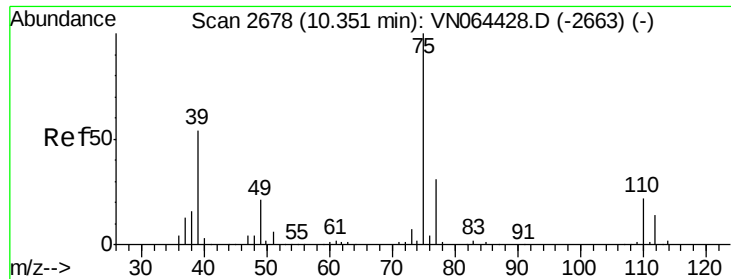
Tgt Ion: 92 Resp: 514534

Ion Ratio Lower Upper

92 100

91 173.7 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 50.108 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

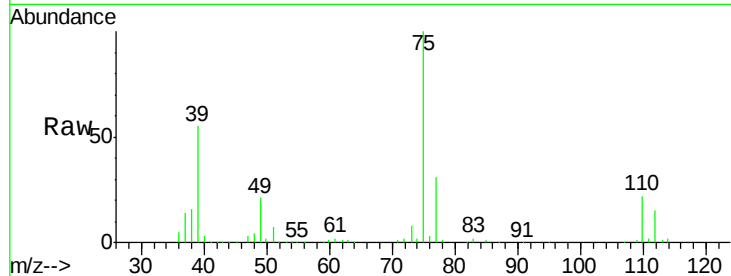
VSTDCCC050

Tot Ion: 75 Resp: 343471

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

200000

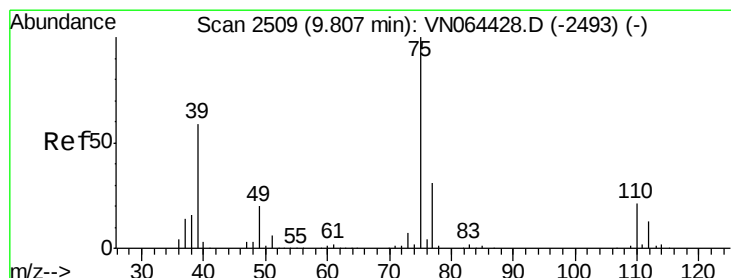
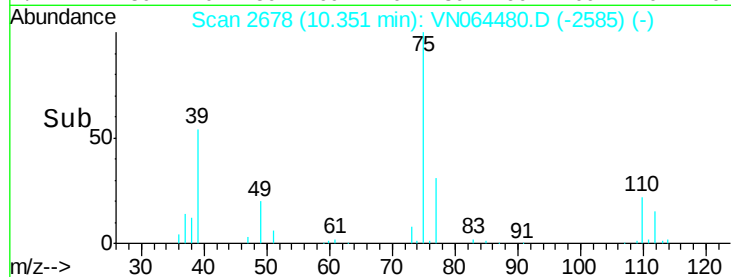
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.422 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

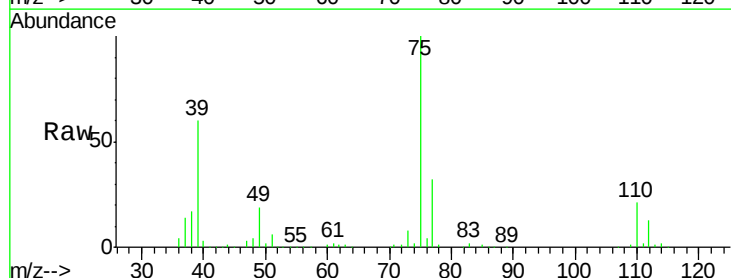
Tgt Ion: 75 Resp: 362204

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3

39 59.5 47.1 70.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

250000

200000

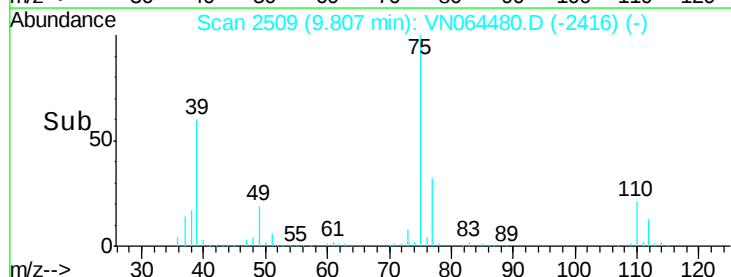
150000

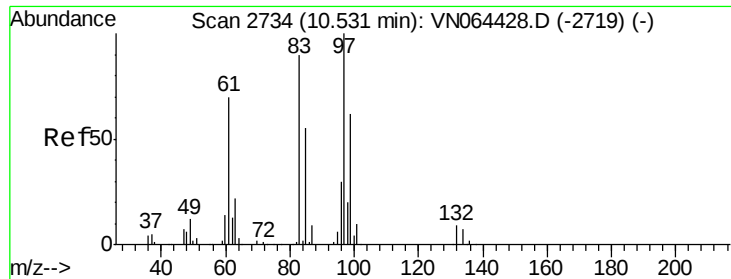
100000

50000

0

Time-->



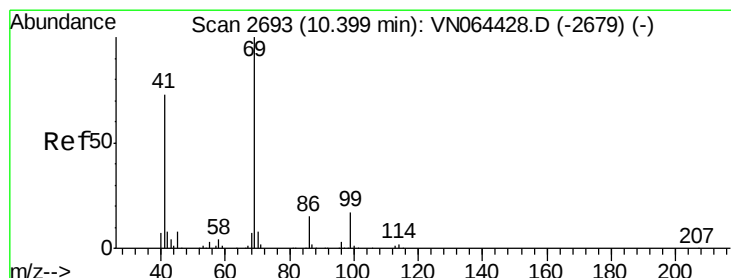
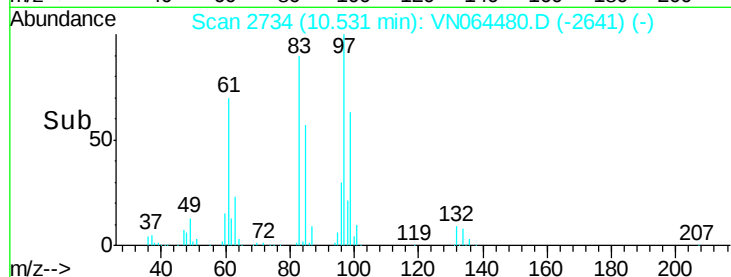
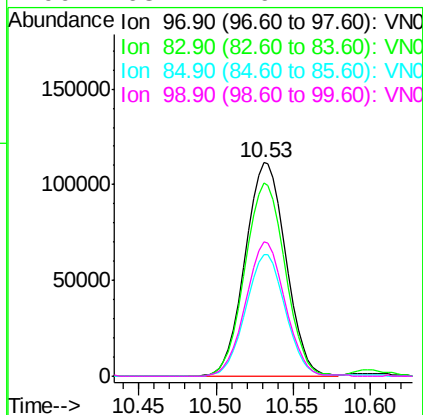
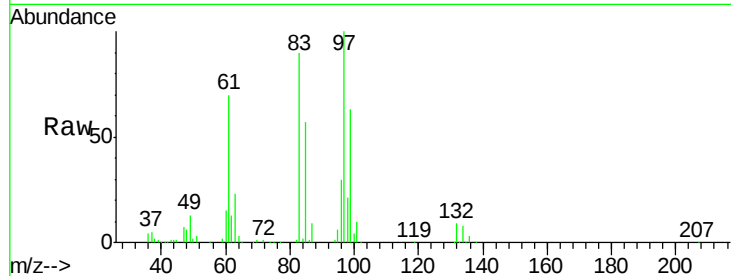


#55
 1,1,2-Trichloroethane
 Concen: 50.220 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 204501

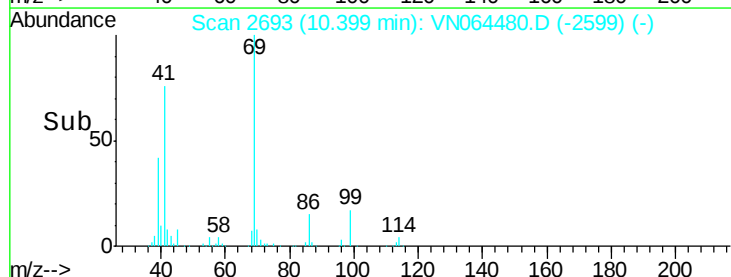
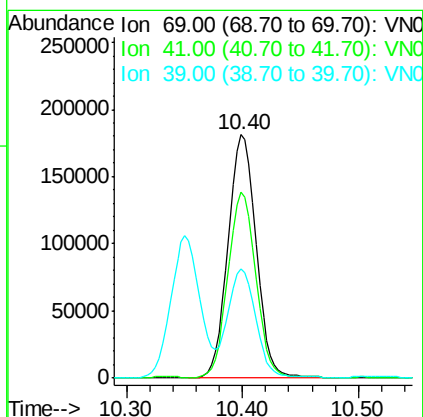
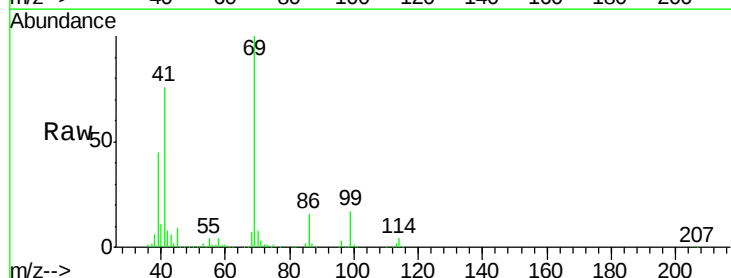
Ion	Ratio	Lower	Upper
97	100		
83	90.4	71.7	107.5
85	57.1	44.3	66.5
99	63.1	49.4	74.2

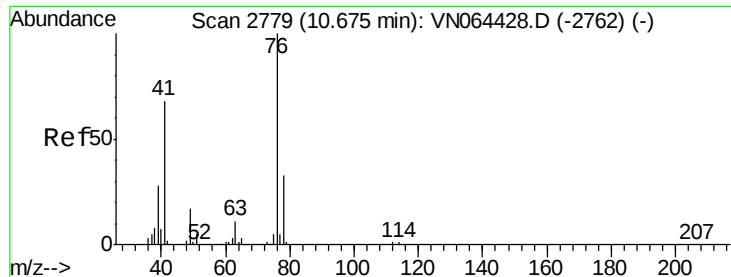


#56
 Ethyl methacrylate
 Concen: 45.427 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 69 Resp: 303181

Ion	Ratio	Lower	Upper
69	100		
41	75.1	59.3	88.9
39	44.7	35.4	53.0

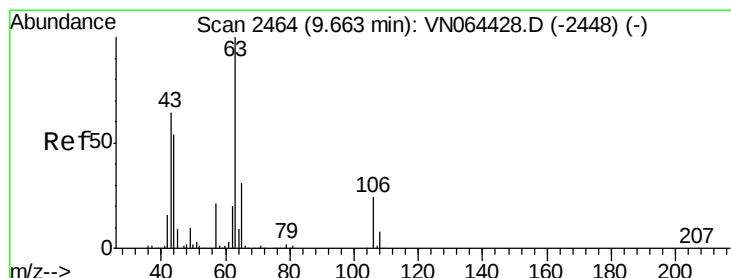
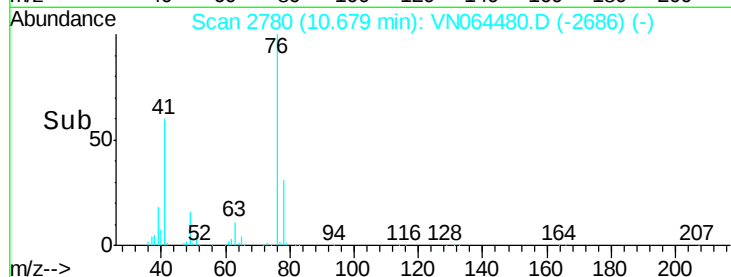
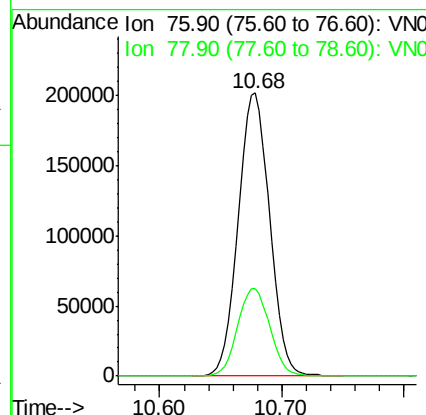
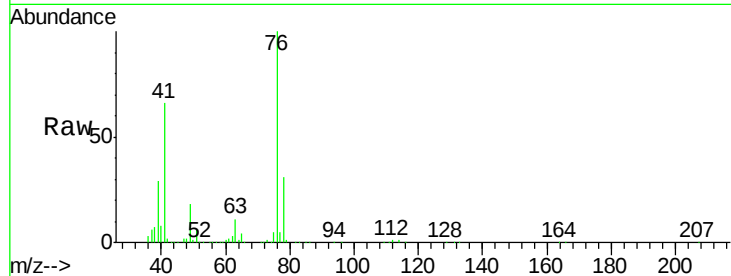




#57
 1,3-Dichloropropane
 Concen: 50.740 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

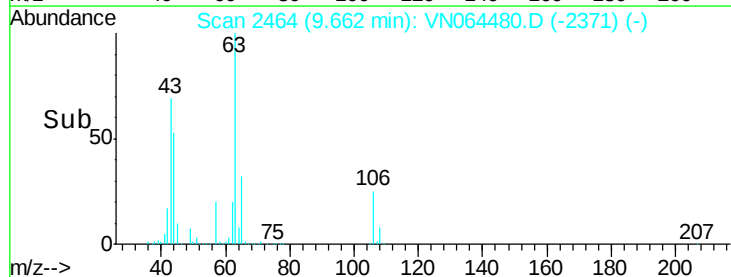
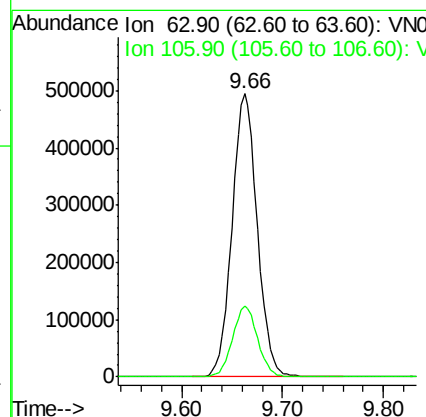
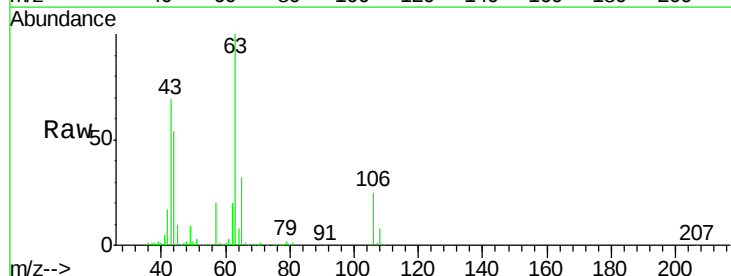
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

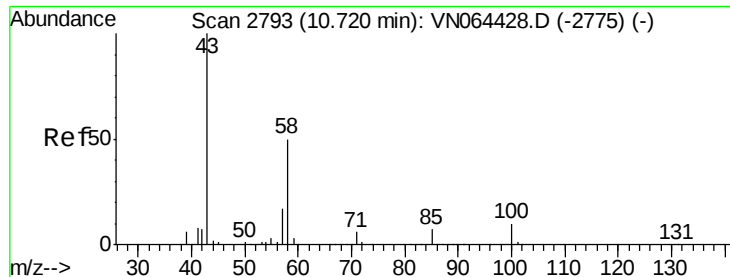
Tot Ion: 76 Resp: 360646
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.873 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 63 Resp: 860289
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.5 29.3

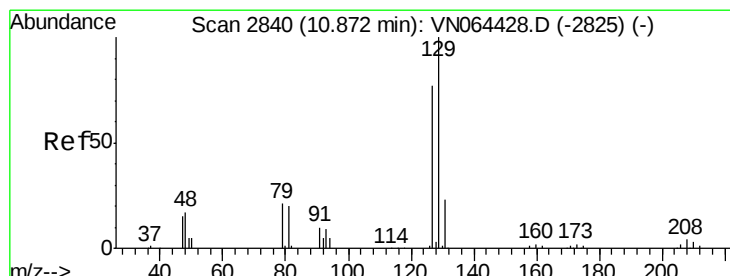
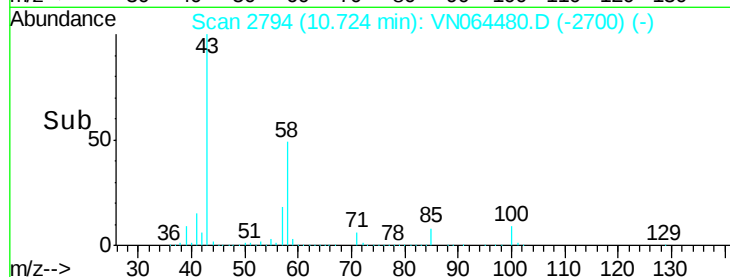
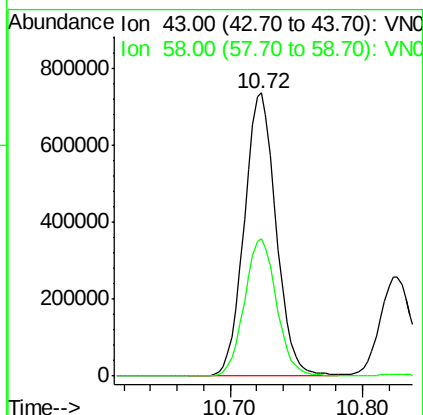
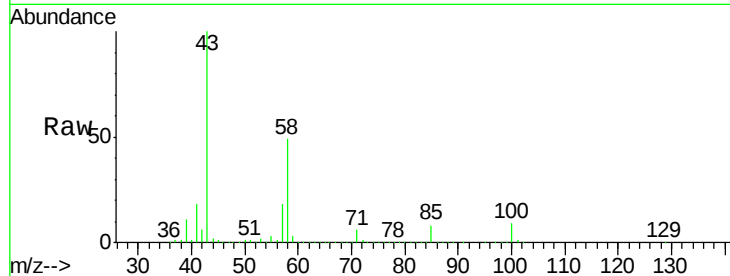




#59
2-Hexanone
Concen: 272.025 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

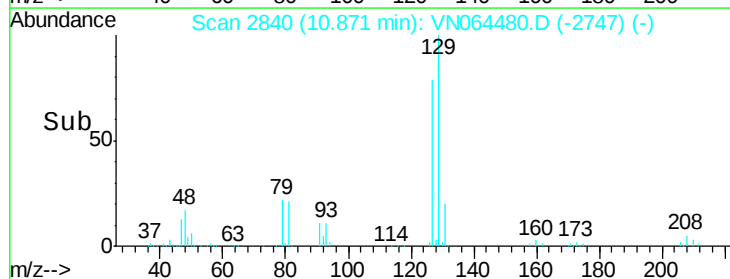
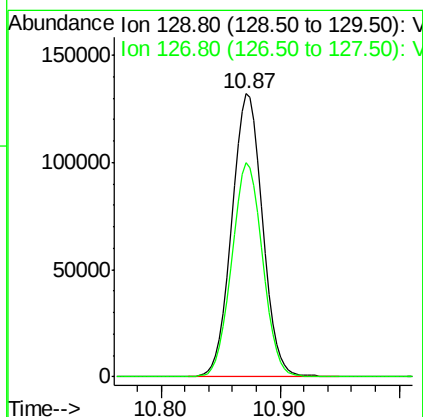
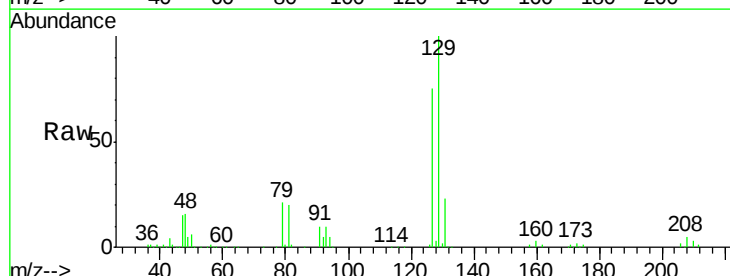
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

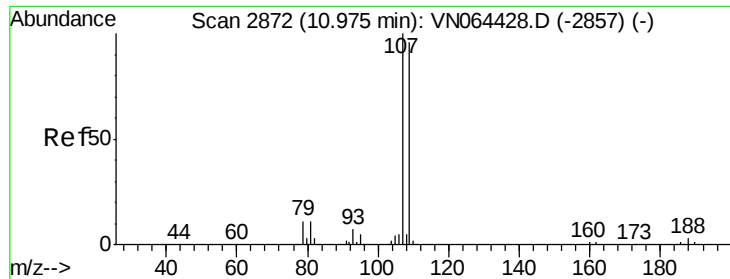
Tot Ion: 43 Resp: 1222939
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 51.979 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 129 Resp: 236981
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.670 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampled :

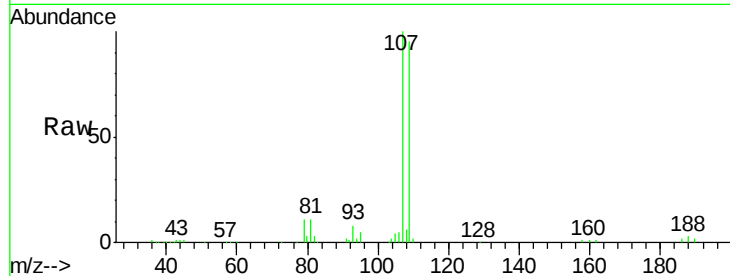
VSTDCCC050

Tot Ion: 107 Resp: 213417

Ion Ratio Lower Upper

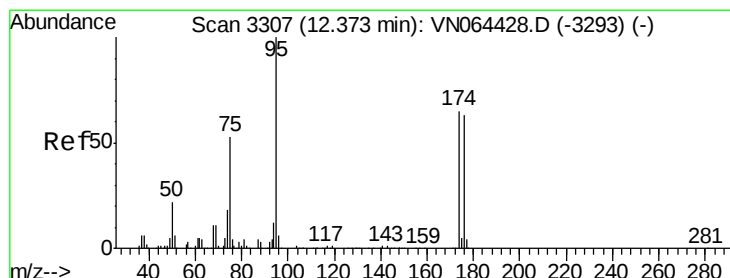
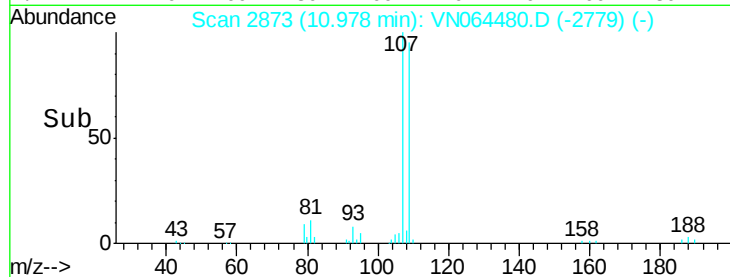
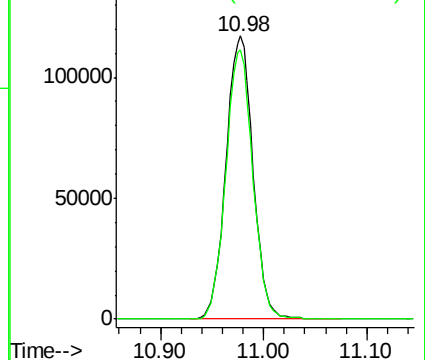
107 100

109 94.9 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: 47.650 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

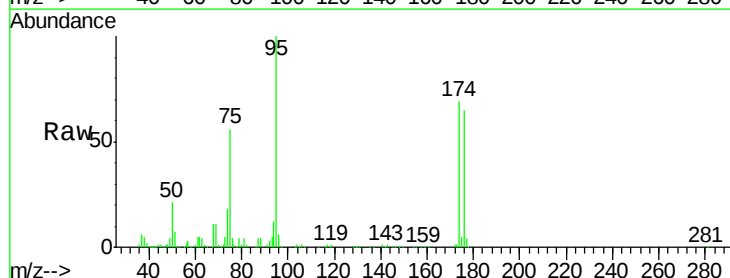
Tgt Ion: 95 Resp: 261516

Ion Ratio Lower Upper

95 100

174 69.7 0.0 132.6

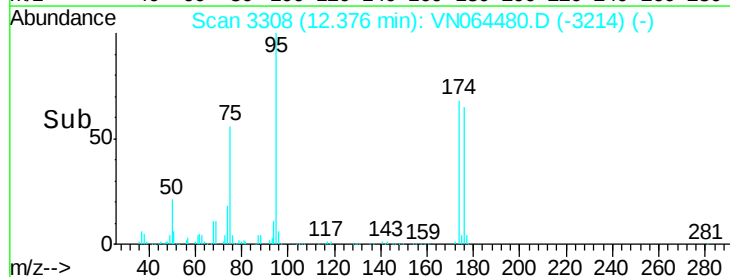
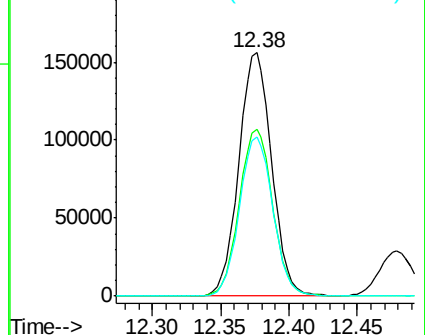
176 66.3 0.0 129.2

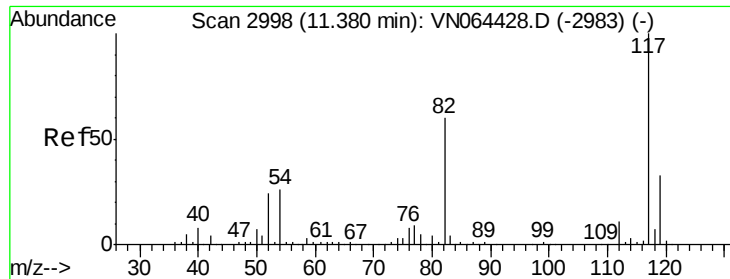


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

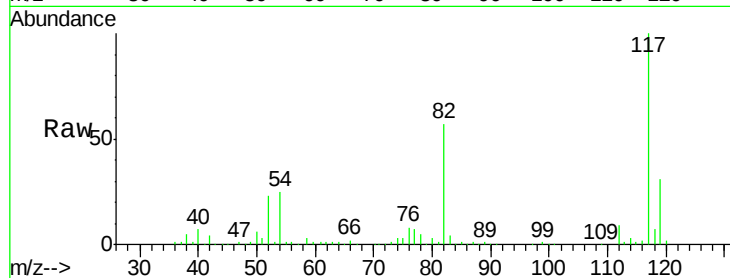




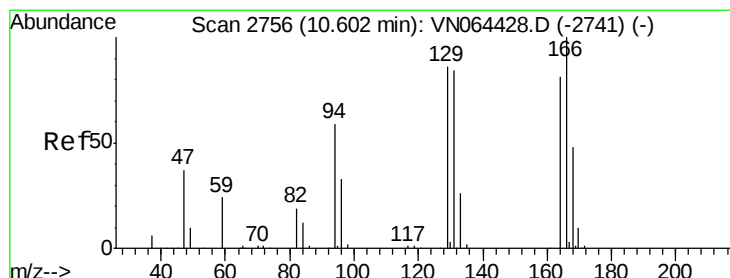
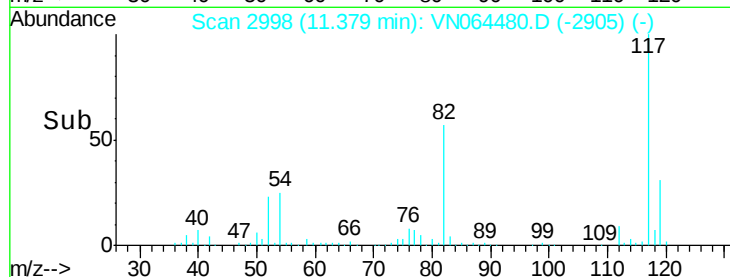
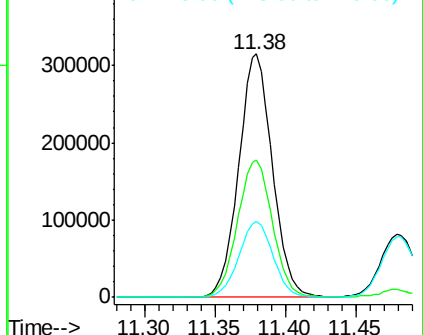
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 527711
Ion Ratio Lower Upper
117 100
82 56.5 48.1 72.1
119 30.9 26.2 39.4

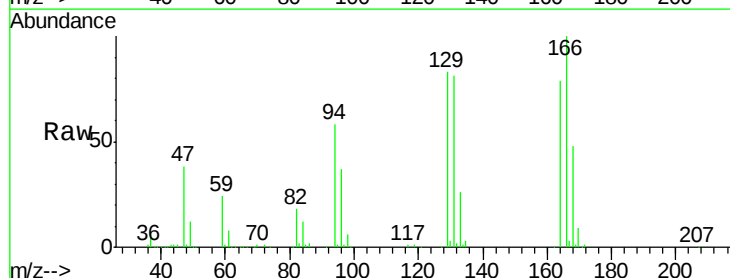


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

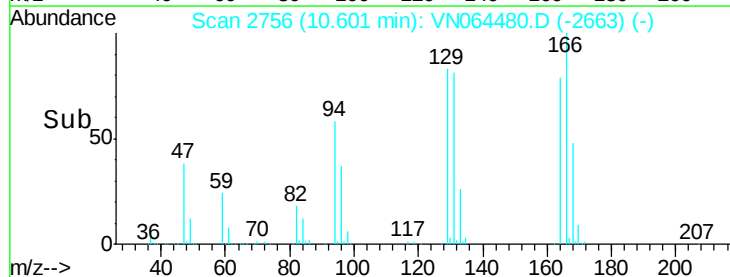
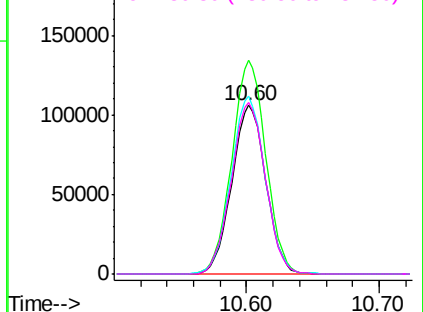


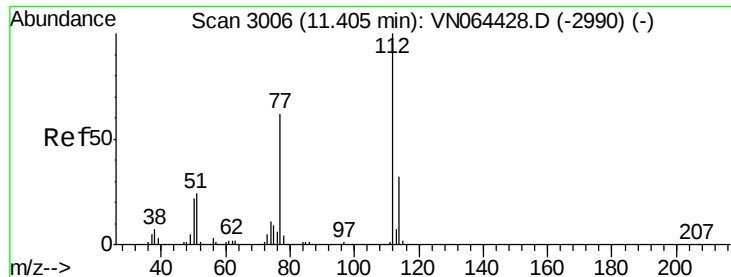
#64
Tetrachloroethene
Concen: 46.270 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion:164 Resp: 188085
Ion Ratio Lower Upper
164 100
166 126.7 98.2 147.2
129 105.2 84.6 127.0
131 102.1 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 46.850 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

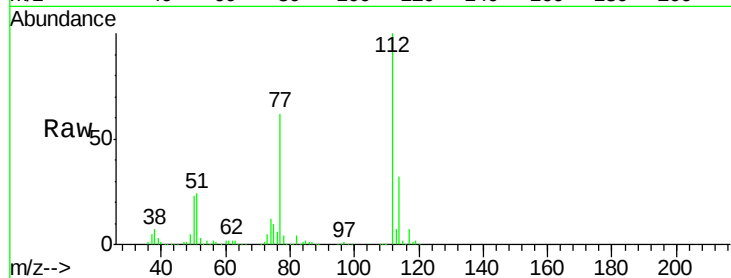
VSTDCCC050

Tot Ion:112 Resp: 541987

Ion Ratio Lower Upper

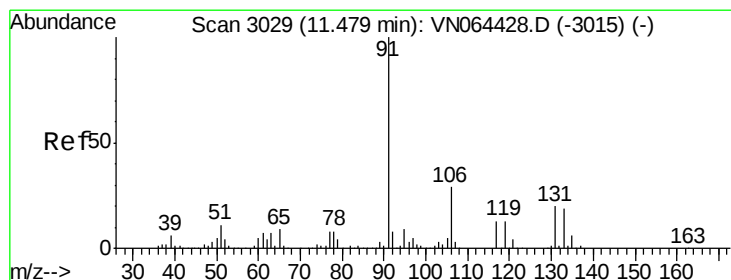
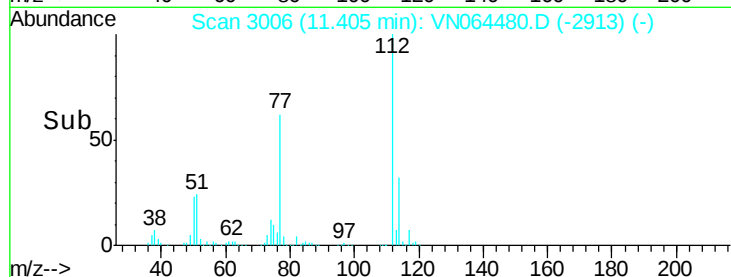
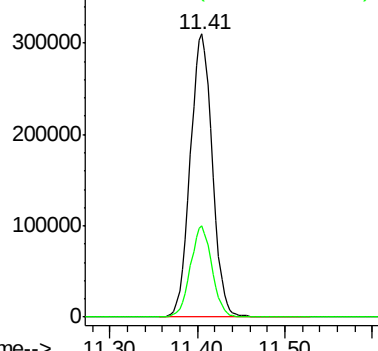
112 100

114 32.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.093 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

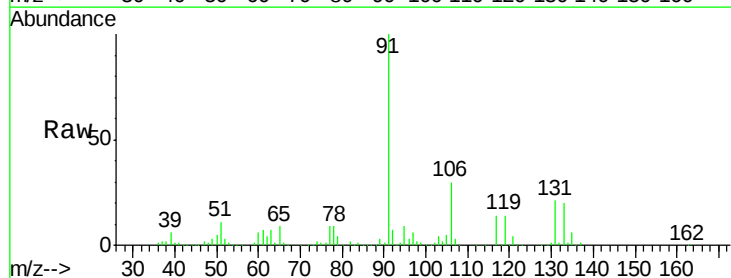
Tgt Ion:131 Resp: 211875

Ion Ratio Lower Upper

131 100

133 94.2 46.9 140.7

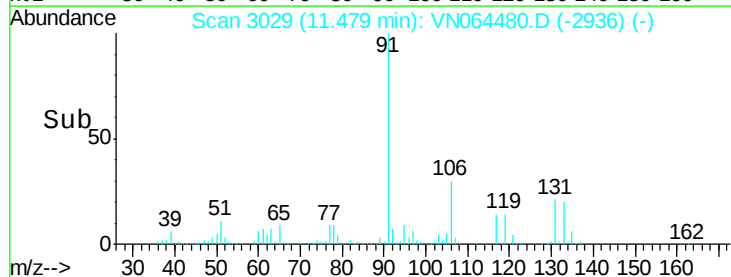
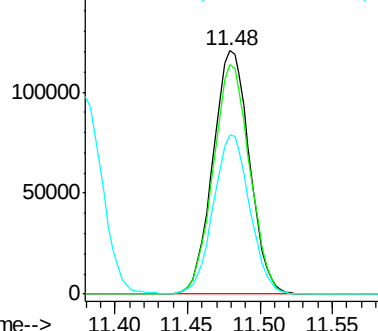
119 64.4 32.1 96.5

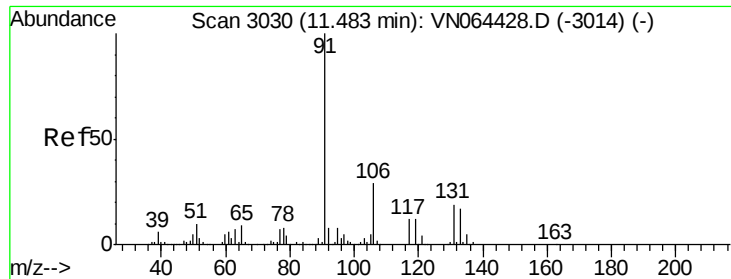


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

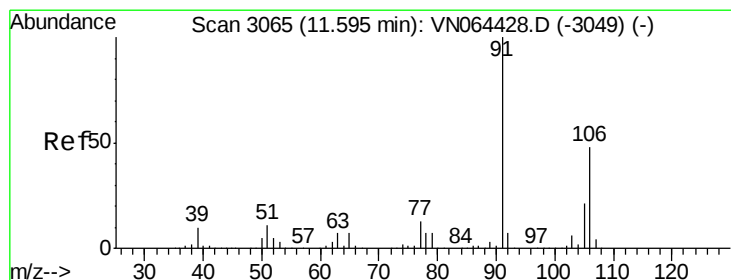
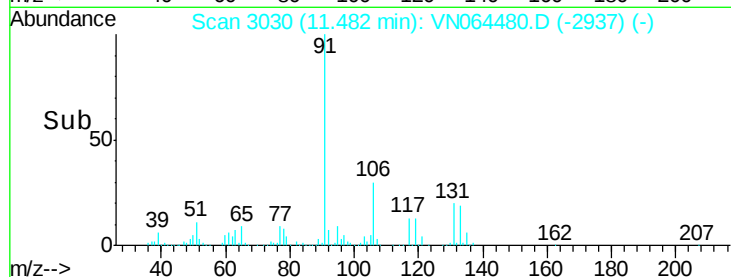
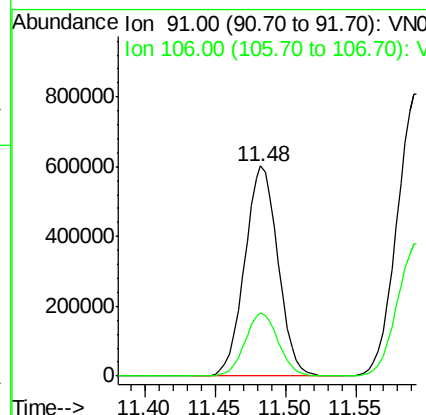
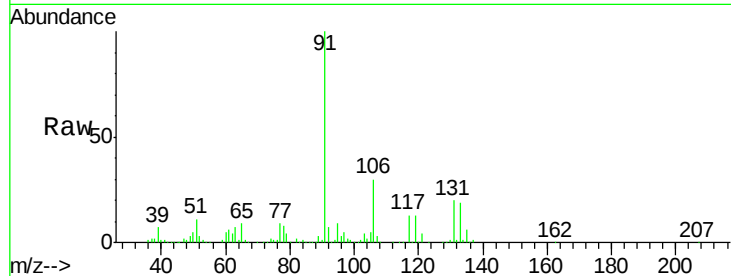




#67
Ethyl Benzene
Concen: 48.373 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

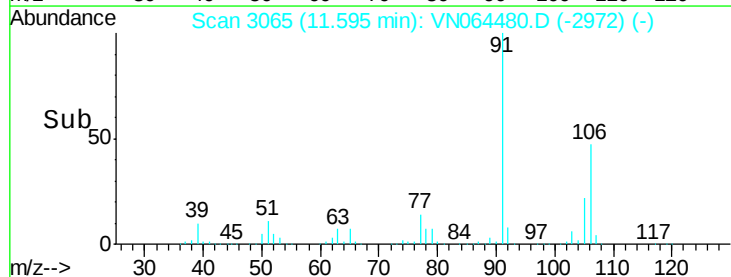
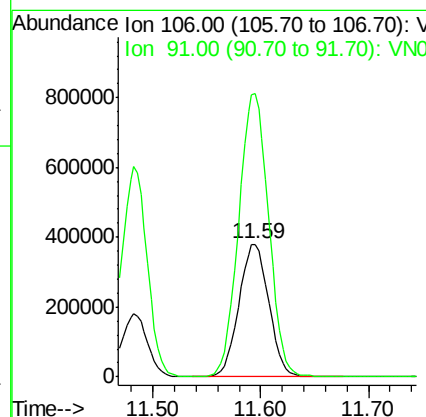
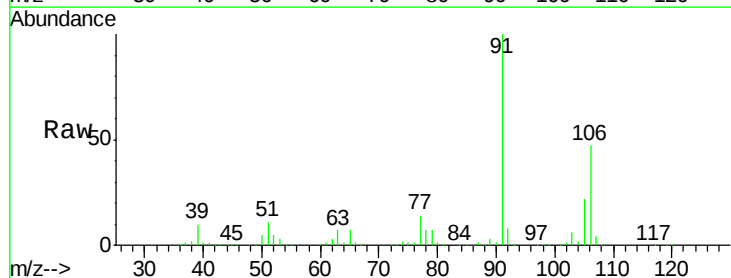
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

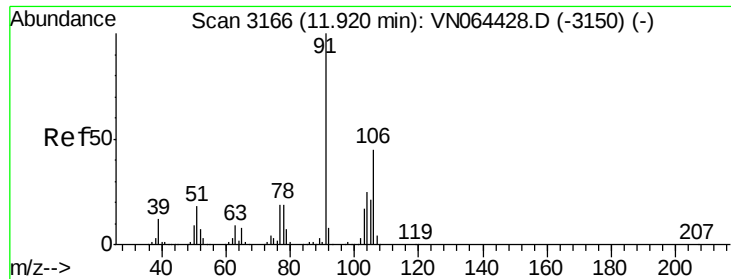
Tot Ion: 91 Resp: 995389
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 98.153 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 106 Resp: 732484
Ion Ratio Lower Upper
106 100
91 213.9 169.4 254.2

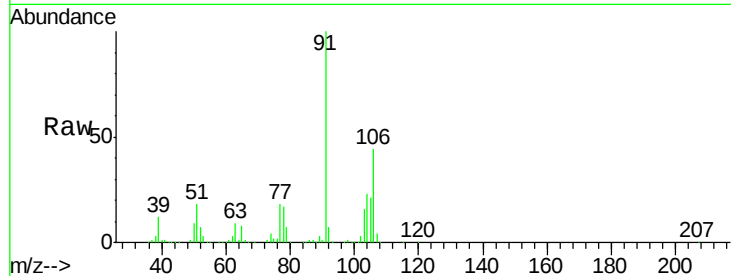




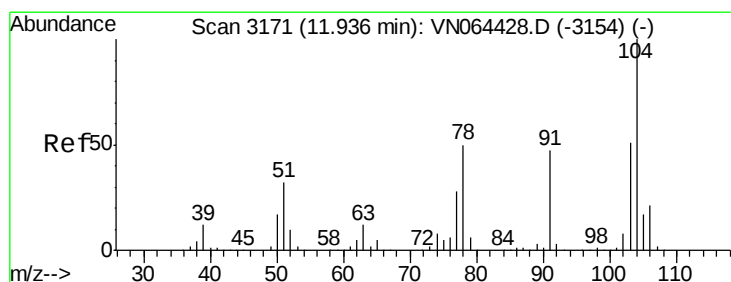
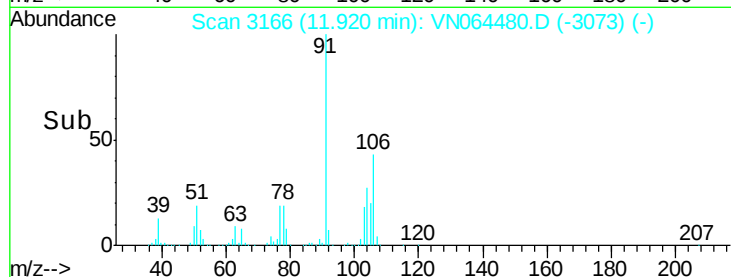
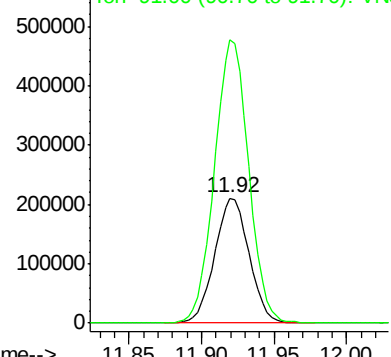
#69
o-Xylene
Concen: 48.141 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 347161
Ion Ratio Lower Upper
106 100
91 226.1 111.7 334.9

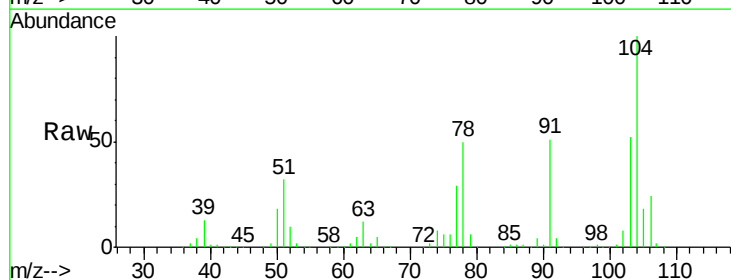


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

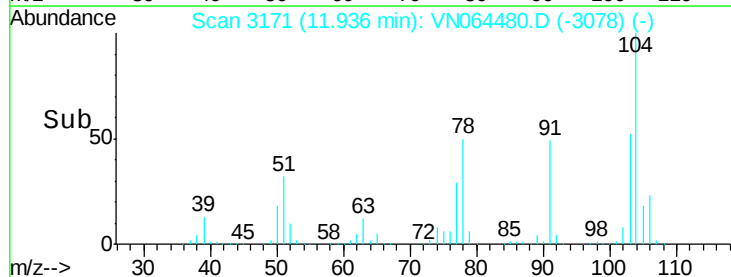
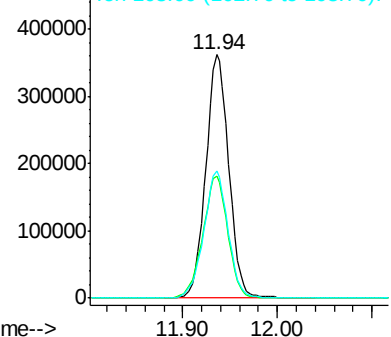


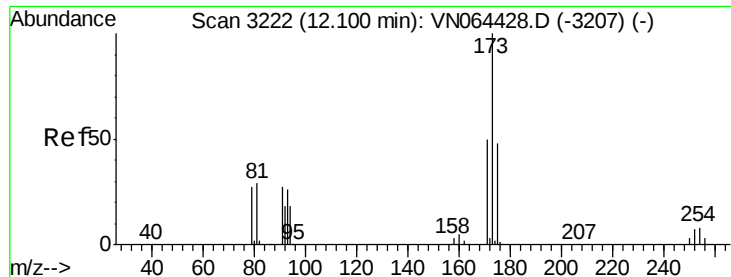
#70
Styrene
Concen: 50.278 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion:104 Resp: 610103
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 55.2 43.8 65.6



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

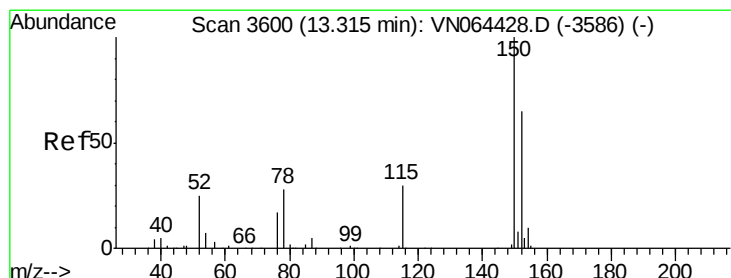
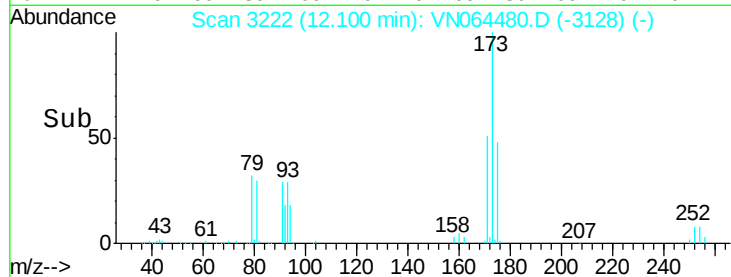
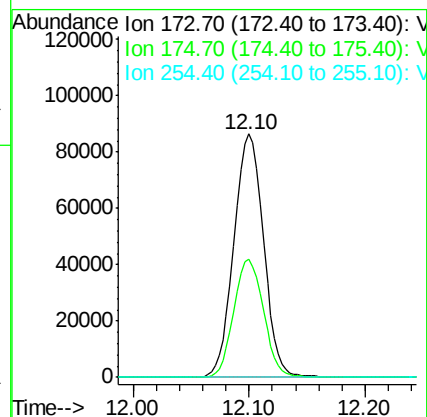
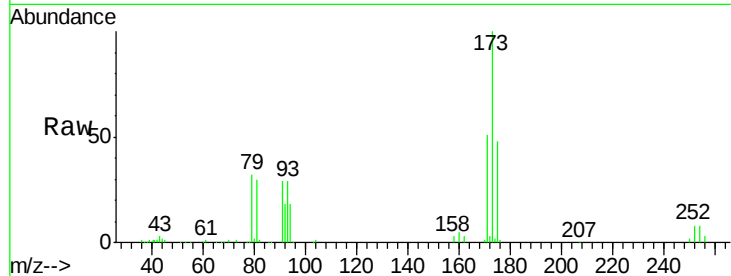




#71
Bromoform
Concen: 47.166 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

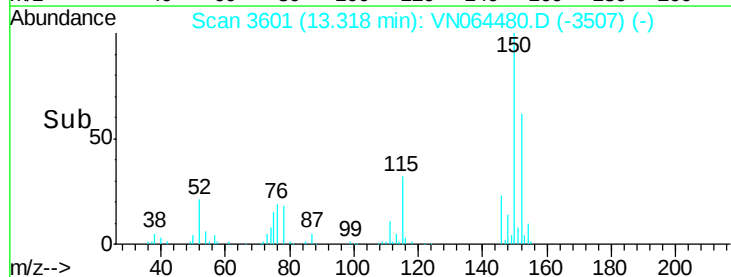
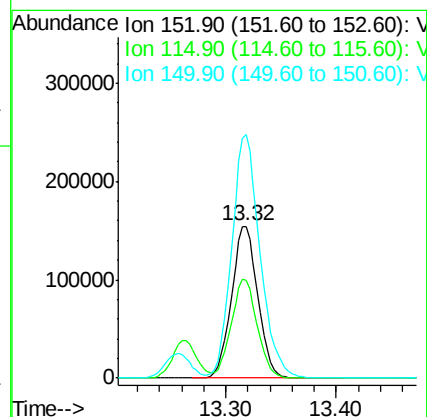
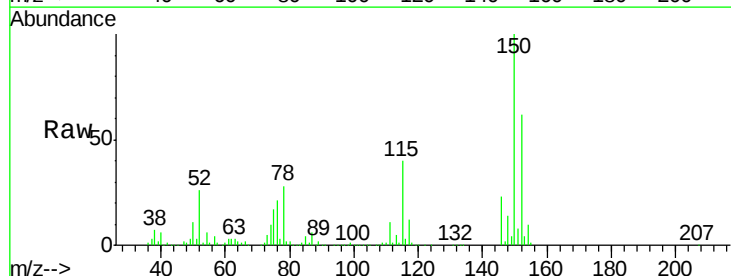
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:173 Resp: 152606
Ion Ratio Lower Upper
173 100
175 48.6 23.7 71.1
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion:152 Resp: 255034
Ion Ratio Lower Upper
152 100
115 64.4 32.0 96.0
150 171.4 0.0 353.8





#73

Isopropylbenzene

Concen: 45.040 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

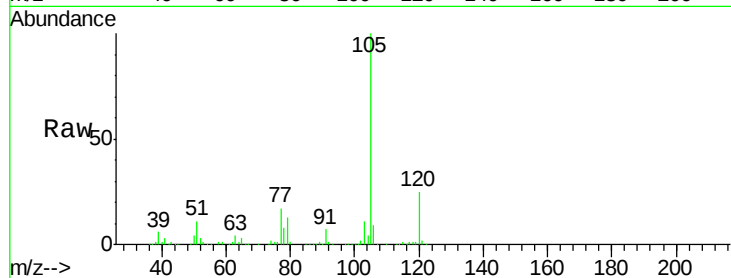
VSTDCCC050

Tot Ion:105 Resp: 913002

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

600000

500000

400000

300000

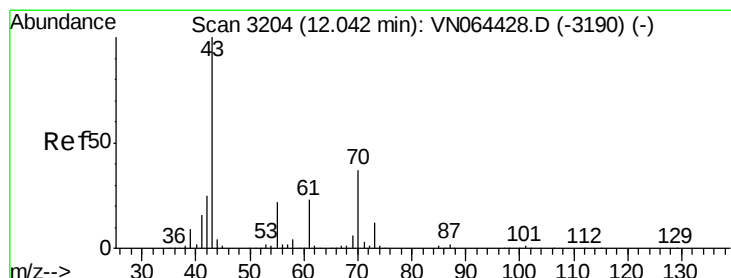
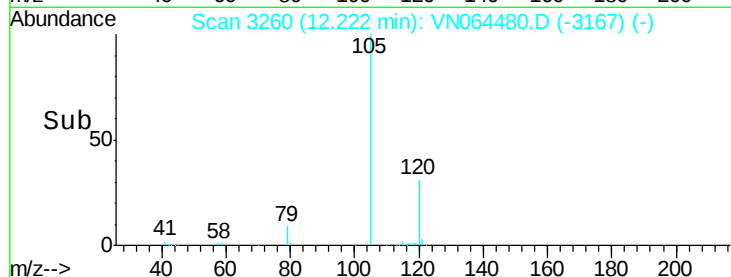
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 43.974 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Tgt Ion: 43 Resp: 430855

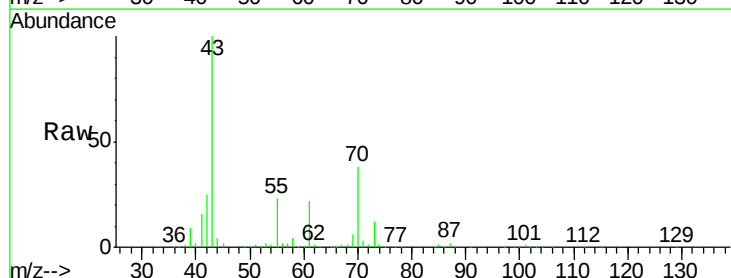
Ion Ratio Lower Upper

43 100

70 37.5 29.6 44.4

55 23.4 18.4 27.6

61 22.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

400000

300000

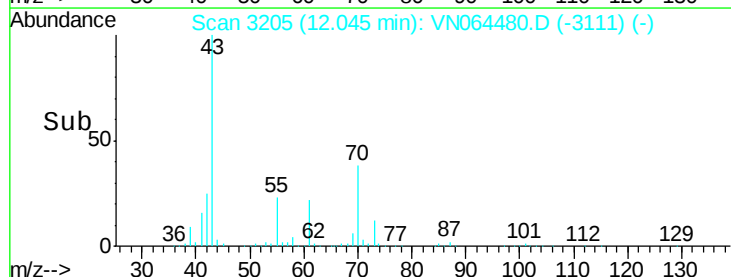
200000

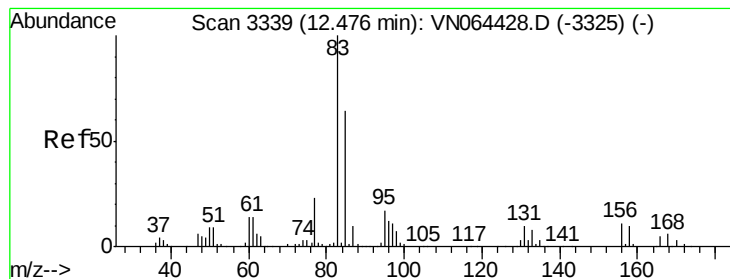
100000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 46.573 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

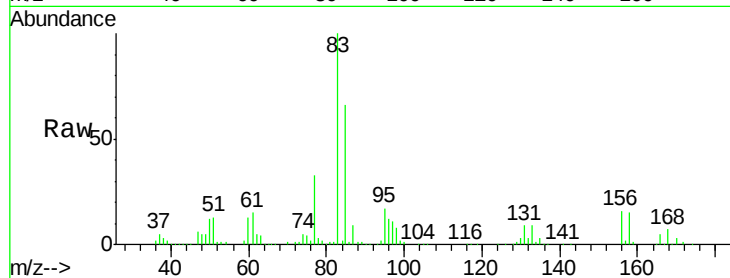
Tot Ion: 83 Resp: 289974

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

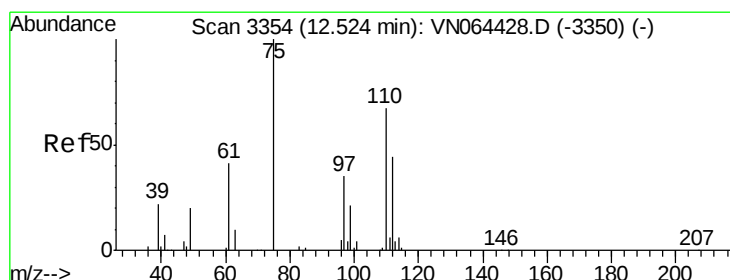
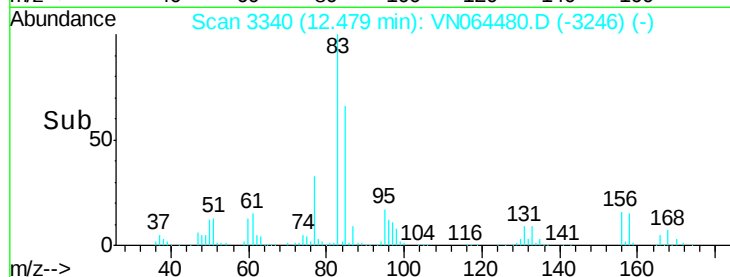
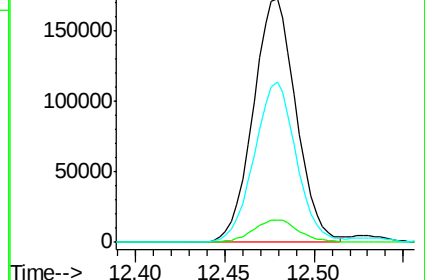
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064480.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064480.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064480.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 67.138 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064480.D

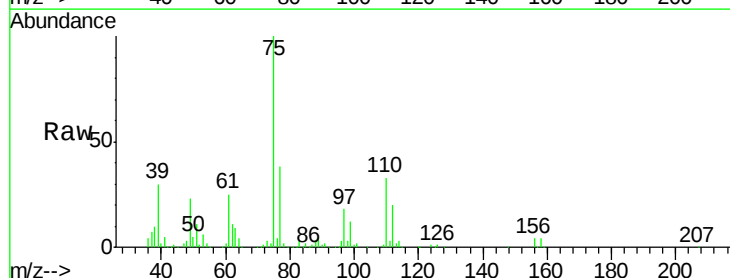
Acq: 6 Nov 2020 12:08

Tgt Ion: 75 Resp: 414866

Ion Ratio Lower Upper

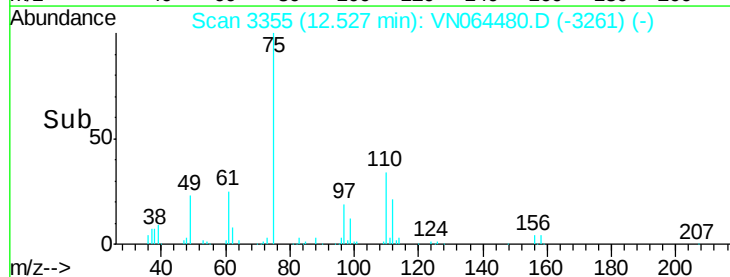
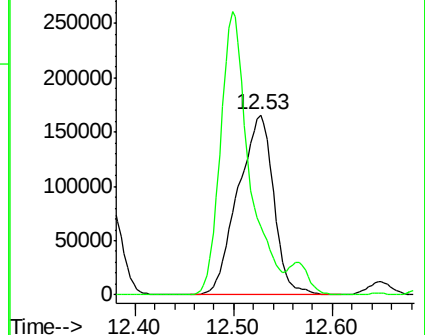
75 100

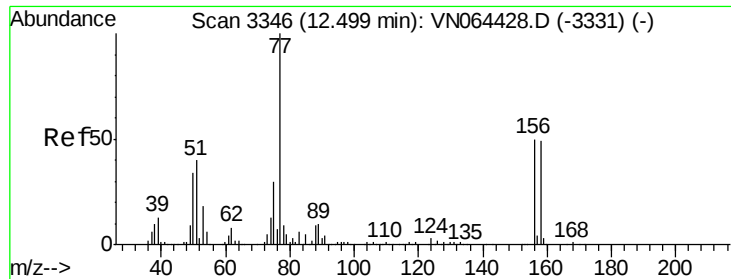
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064480.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064480.D (-3350) (-)

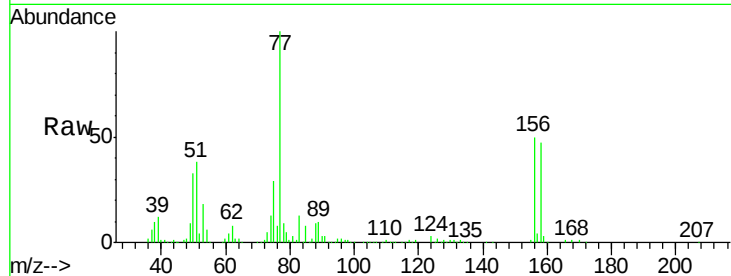




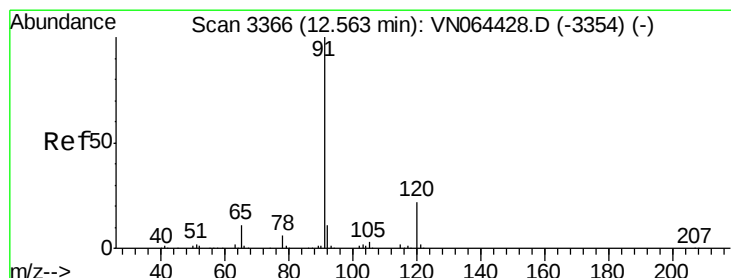
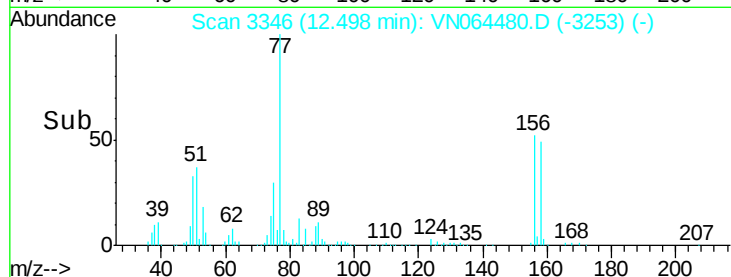
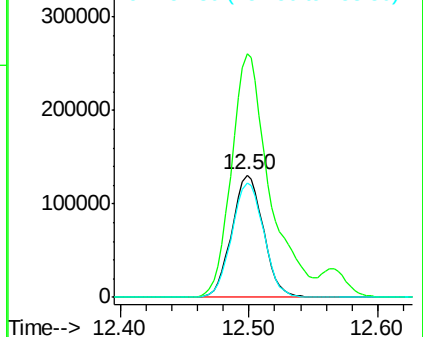
#77
Bromobenzene
Concen: 44.947 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 222444
Ion Ratio Lower Upper
156 100
77 239.5 119.0 357.0
158 95.3 48.4 145.3

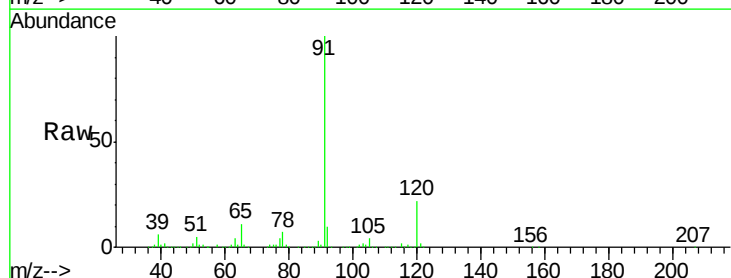


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

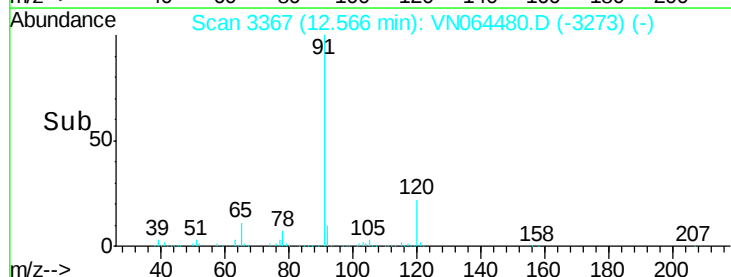
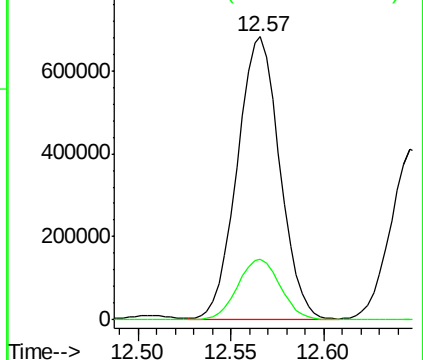


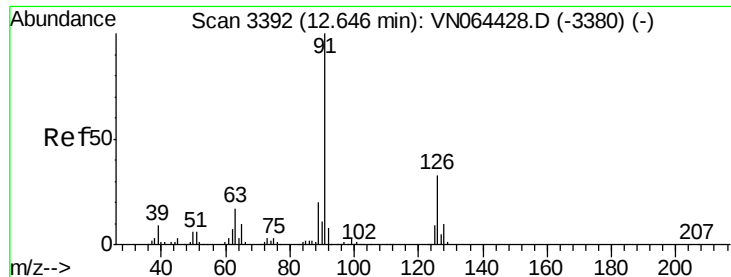
#78
n-propylbenzene
Concen: 47.008 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 91 Resp: 1086363
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0



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





#79

2-Chlorotoluene

Concen: 46.141 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

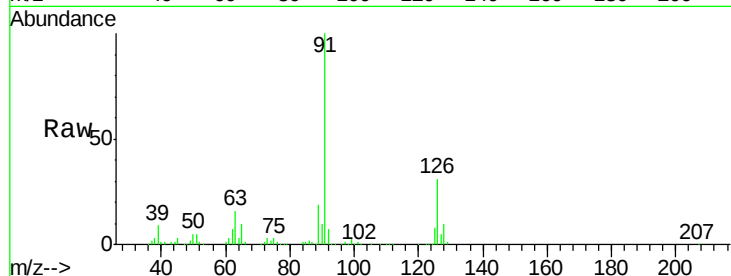
VSTDCCC050

Tot Ion: 91 Resp: 676321

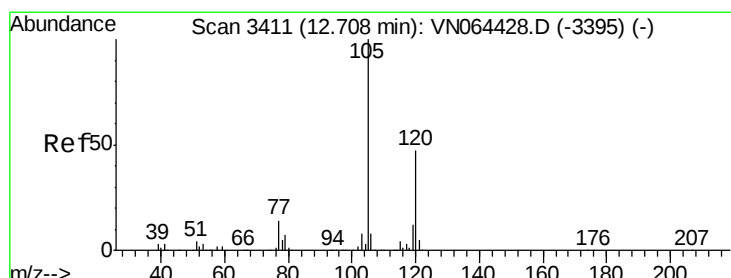
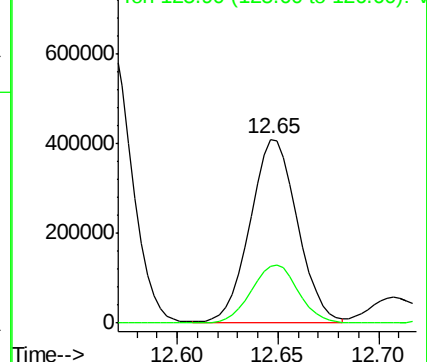
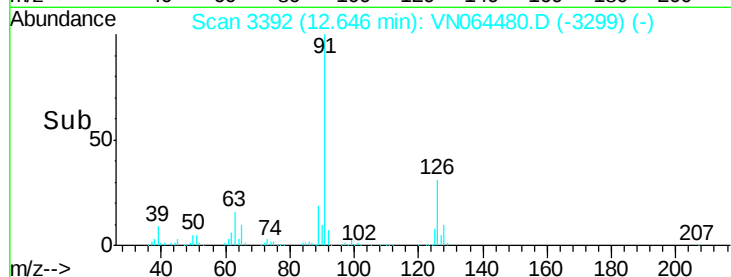
Ion Ratio Lower Upper

91 100

126 31.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064480.D (-3399) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.360 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064480.D

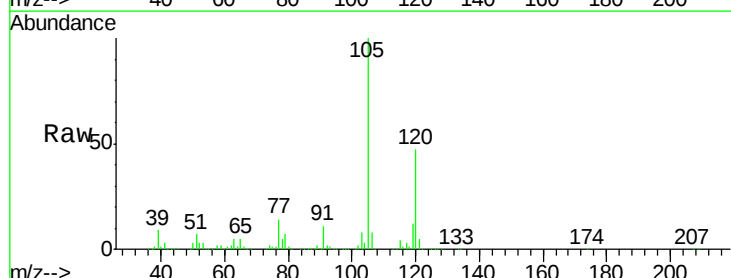
Acq: 6 Nov 2020 12:08

Tgt Ion:105 Resp: 775280

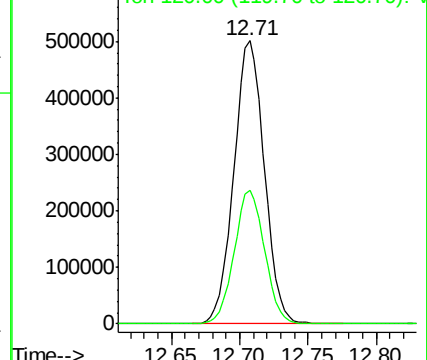
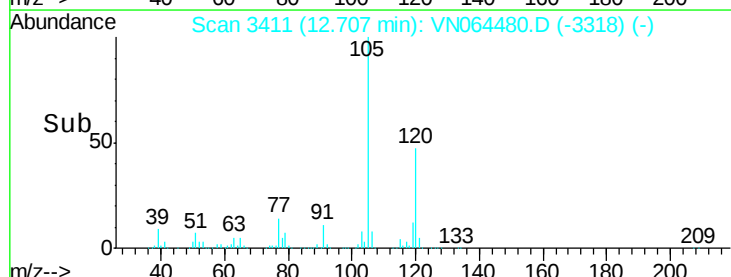
Ion Ratio Lower Upper

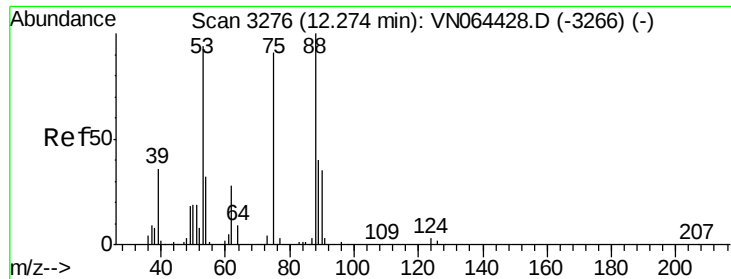
105 100

120 47.2 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064480.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.079 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

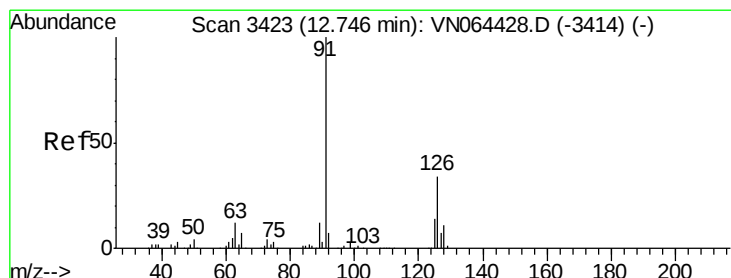
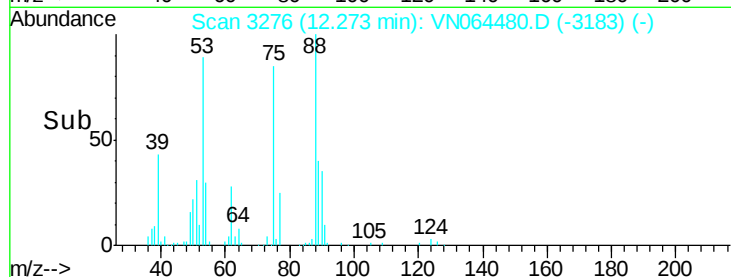
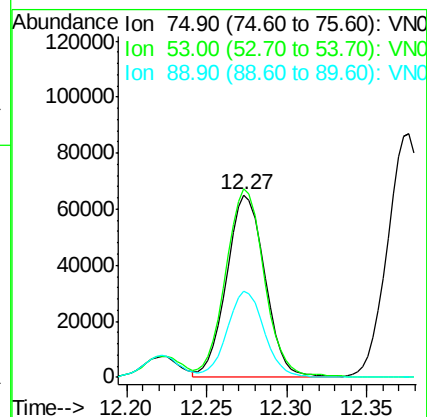
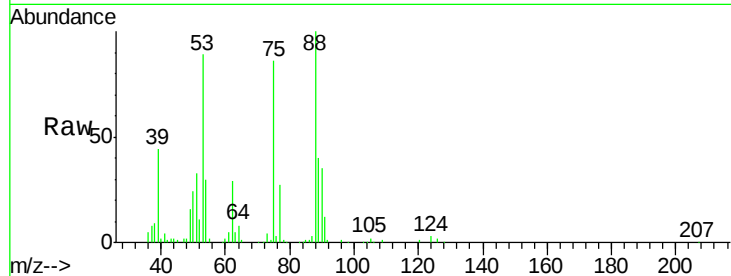
Tot Ion: 75 Resp: 106405

Ion Ratio Lower Upper

75 100

53 104.2 84.0 126.0

89 45.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 46.922 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064480.D

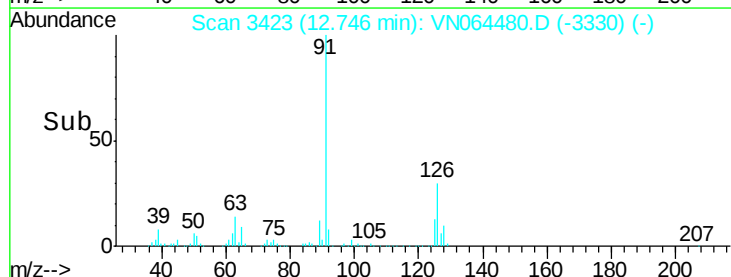
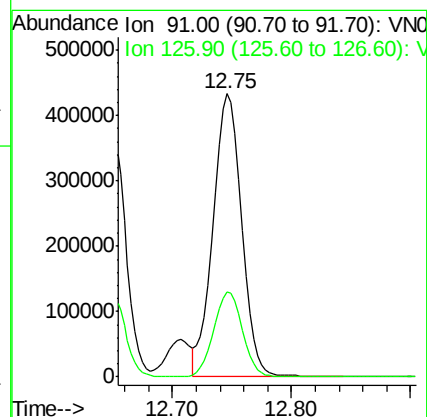
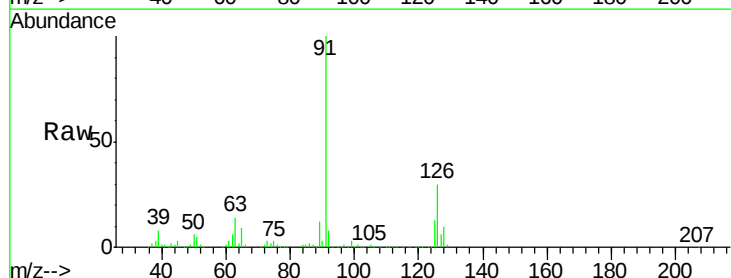
Acq: 6 Nov 2020 12:08

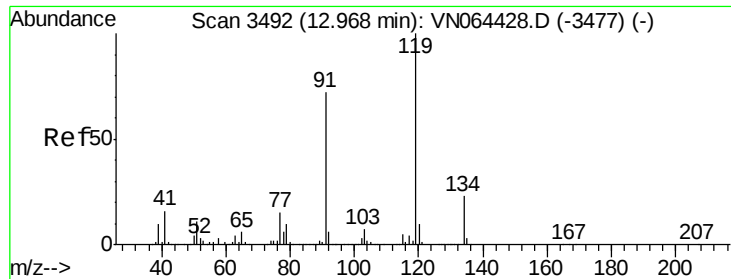
Tgt Ion: 91 Resp: 720259

Ion Ratio Lower Upper

91 100

126 30.2 15.4 46.2

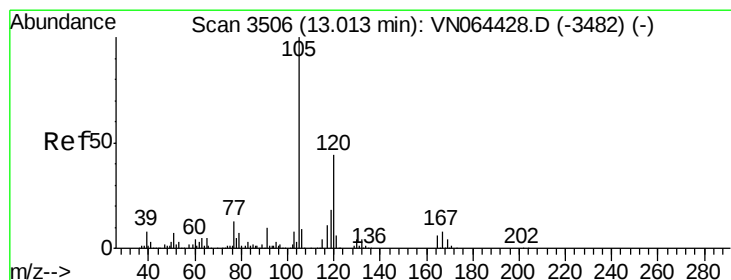
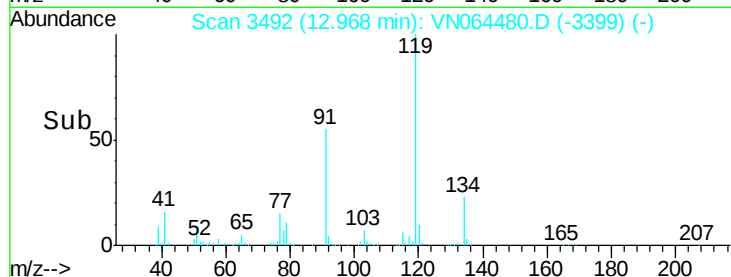
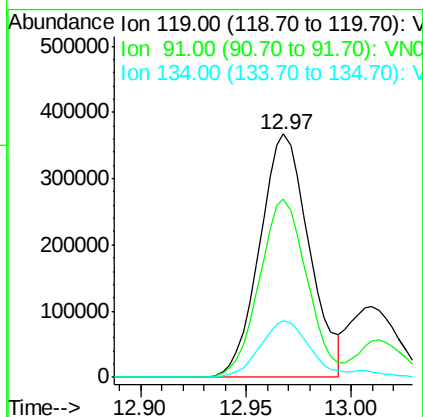
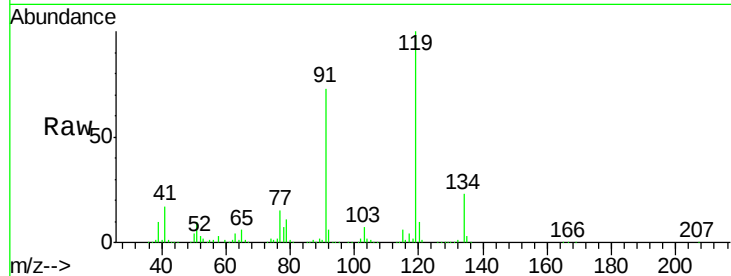




#83
tert-Butylbenzene
Concen: 45.967 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

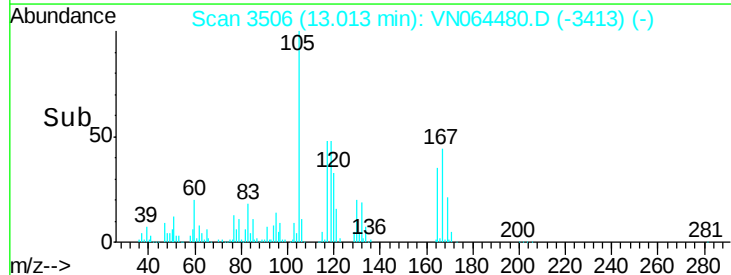
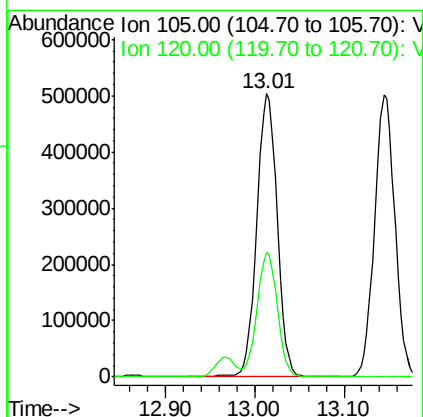
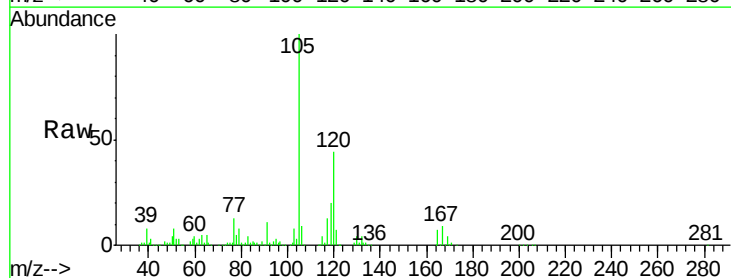
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

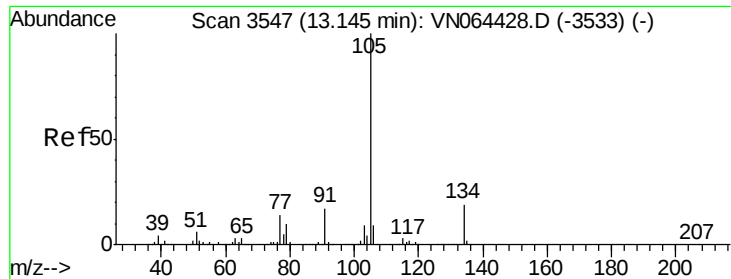
Tot Ion:119 Resp: 600364
Ion Ratio Lower Upper
119 100
91 71.0 36.1 108.3
134 23.0 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 47.726 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion:105 Resp: 802330
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.7





#85

sec-Butylbenzene

Concen: 47.743 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampled :

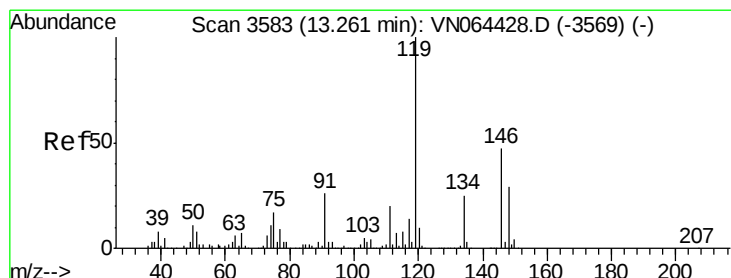
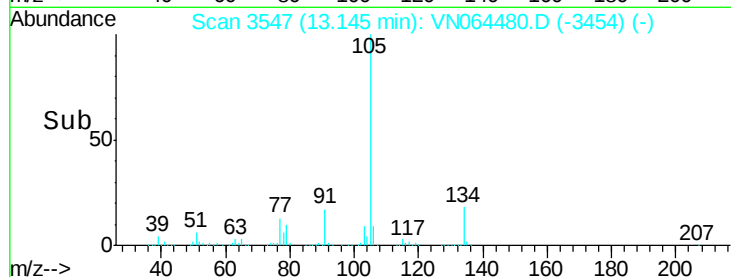
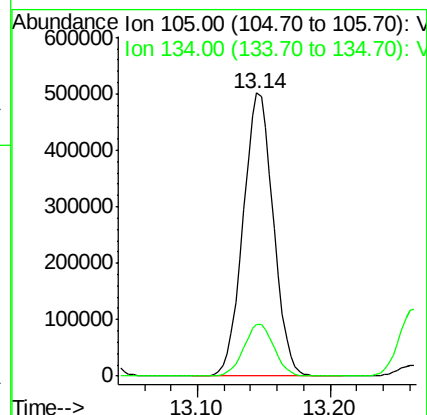
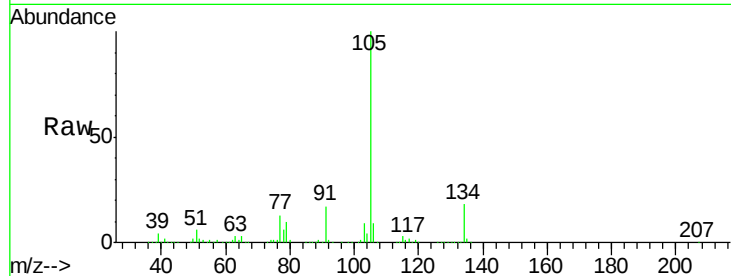
VSTDCCC050

Tot Ion:105 Resp: 789731

Ion Ratio Lower Upper

105 100

134 18.4 9.4 28.2



#86

p-Isopropyltoluene

Concen: 48.546 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

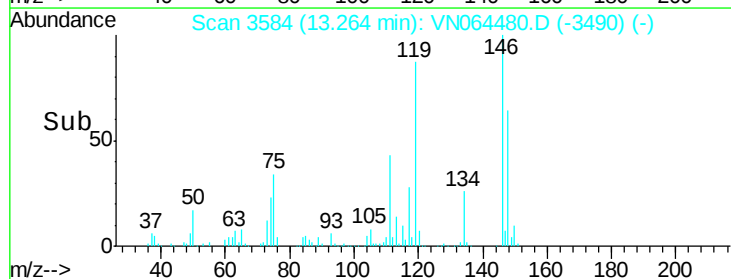
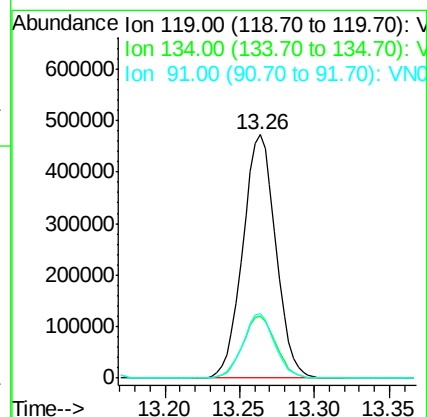
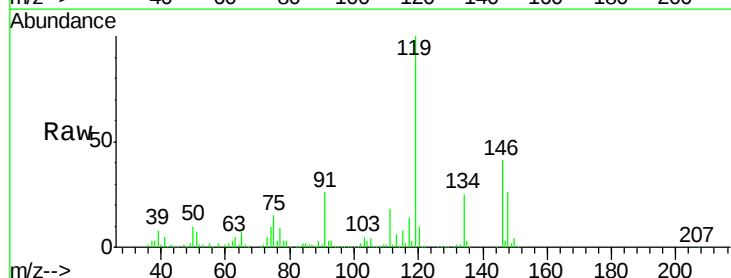
Tgt Ion:119 Resp: 722290

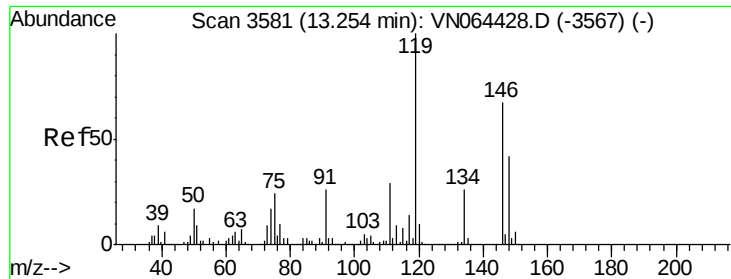
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

91 25.6 12.8 38.3

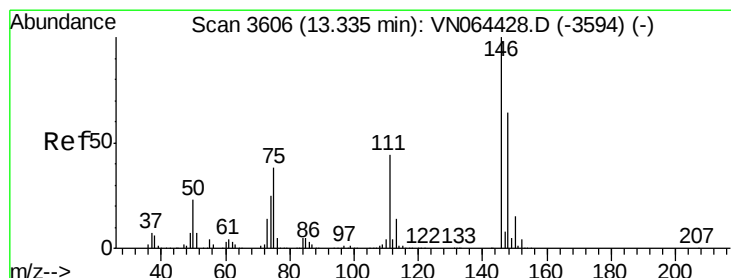
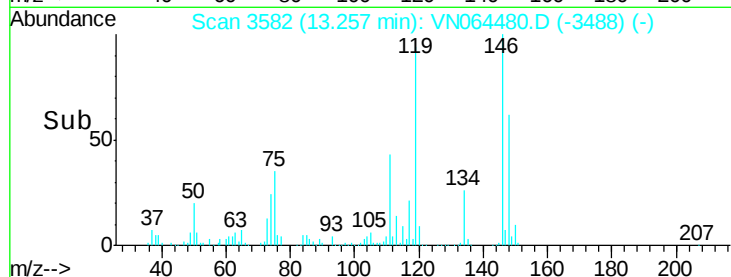
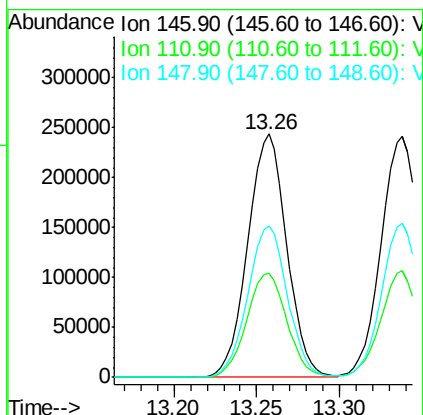
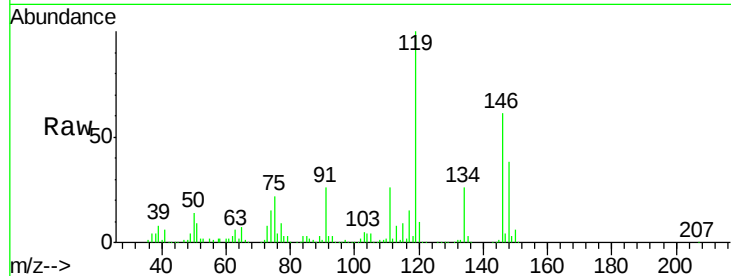




#87
 1,3-Dichlorobenzene
 Concen: 46.570 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

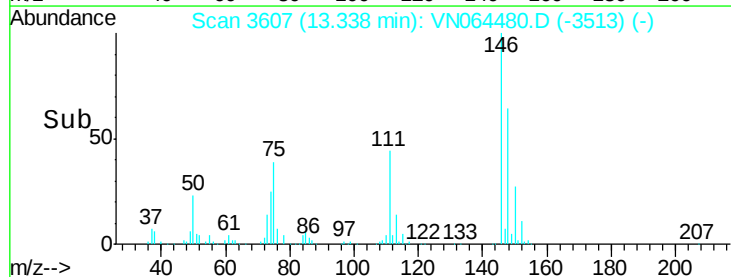
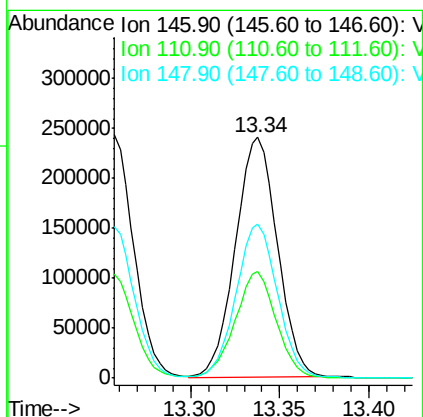
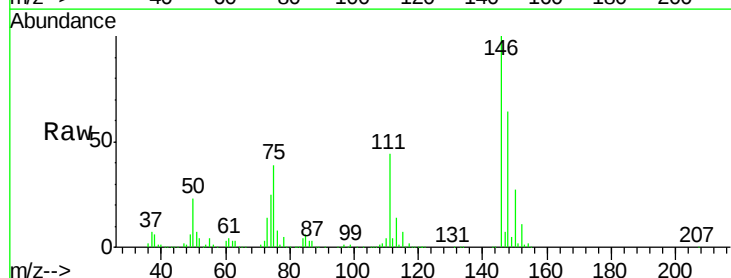
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

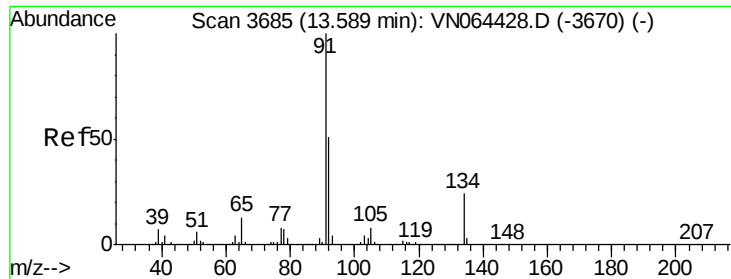
Tot Ion:146 Resp: 398409
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.1 66.1
 148 63.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 44.779 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion:146 Resp: 395891
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 63.5 32.4 97.2

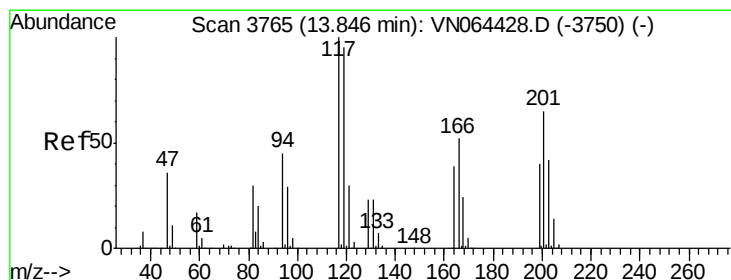
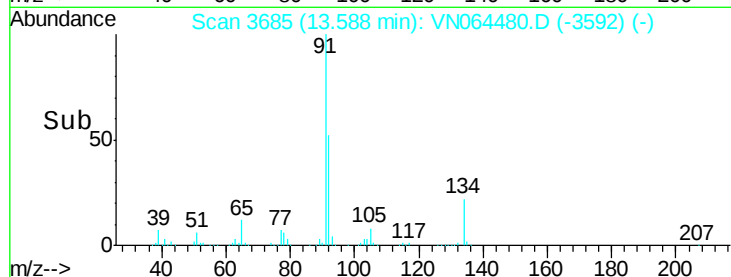
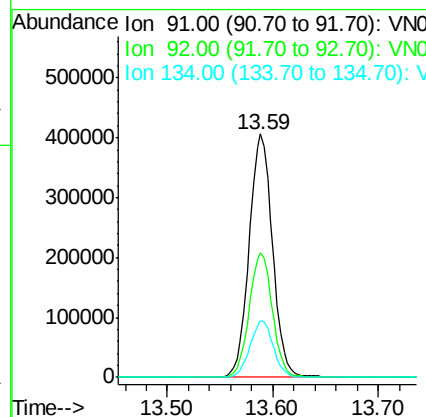
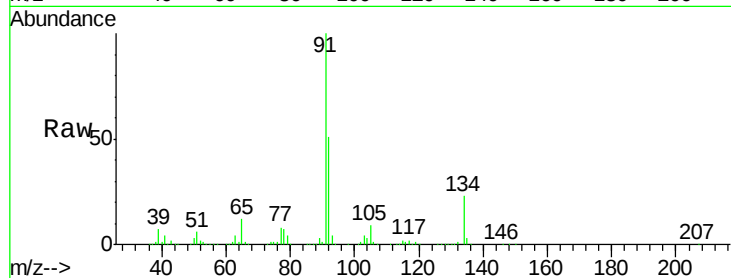




#89
n-Butylbenzene
Concen: 48.840 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

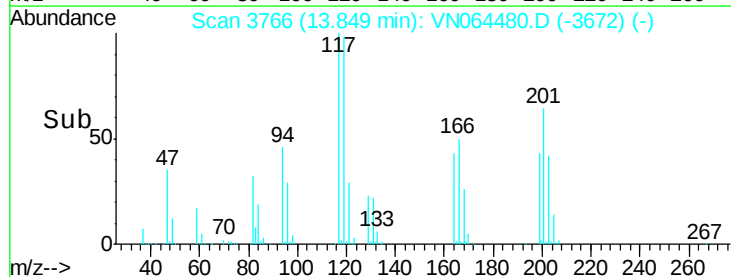
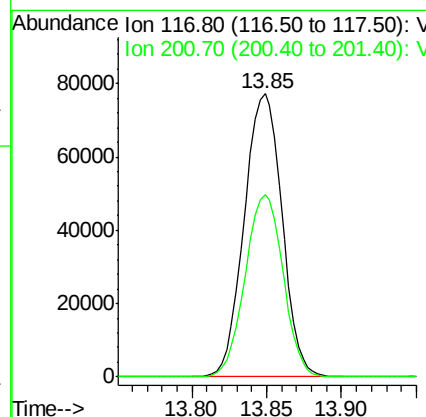
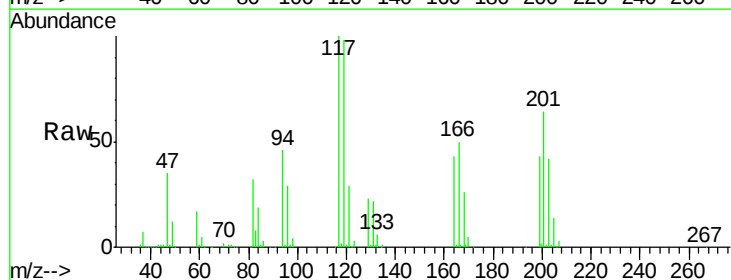
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

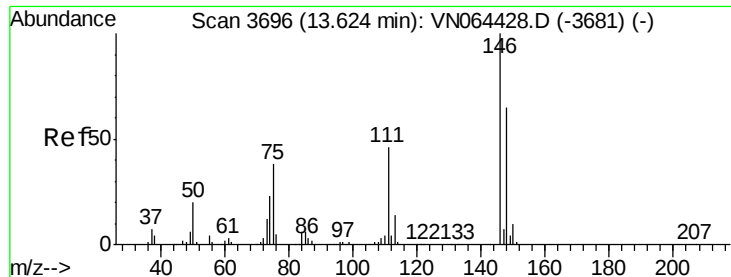
Tot Ion: 91 Resp: 624777
Ion Ratio Lower Upper
91 100
92 51.1 25.3 75.9
134 23.3 11.8 35.4



#90
Hexachloroethane
Concen: 47.391 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064480.D
Acq: 6 Nov 2020 12:08

Tgt Ion: 117 Resp: 136018
Ion Ratio Lower Upper
117 100
201 64.6 32.5 97.5

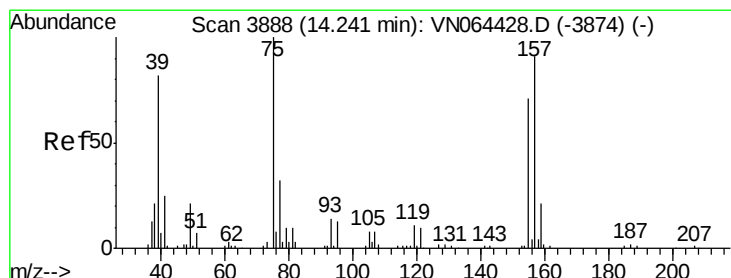
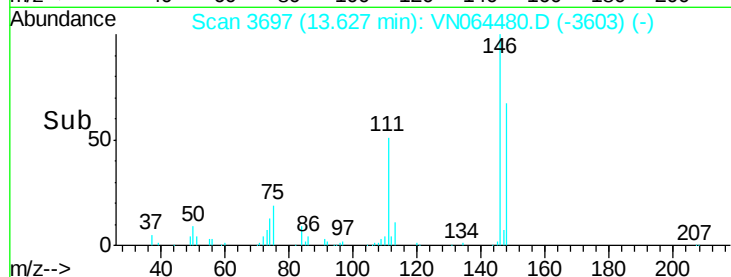
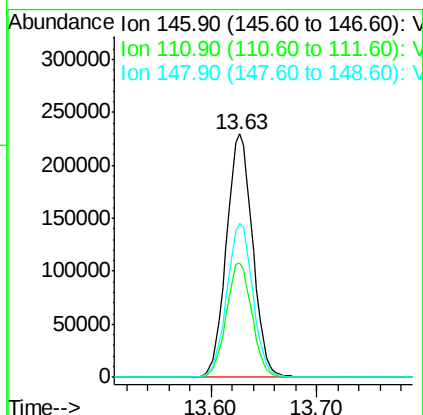
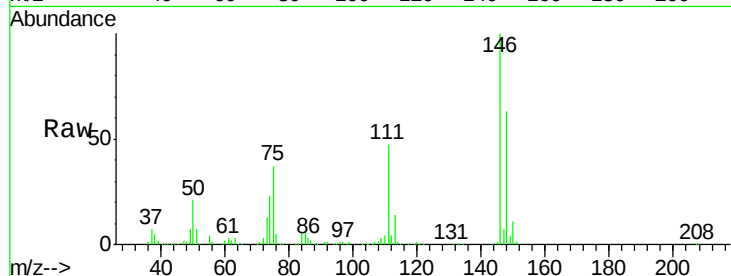




#91
 1,2-Dichlorobenzene
 Concen: 47.892 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

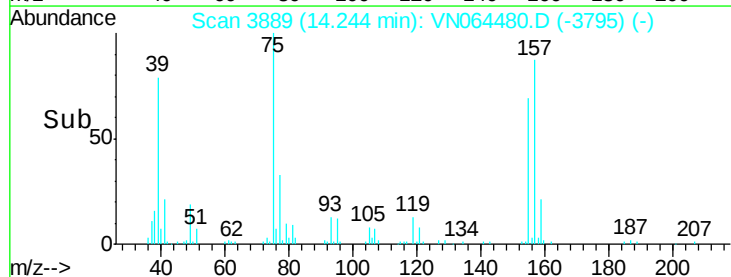
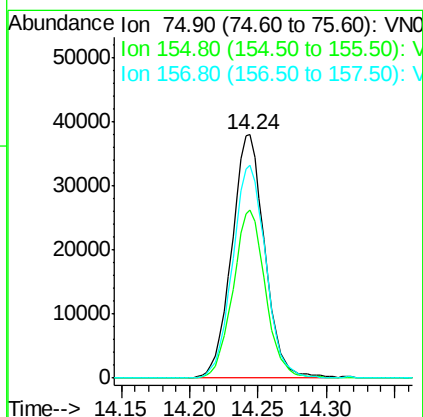
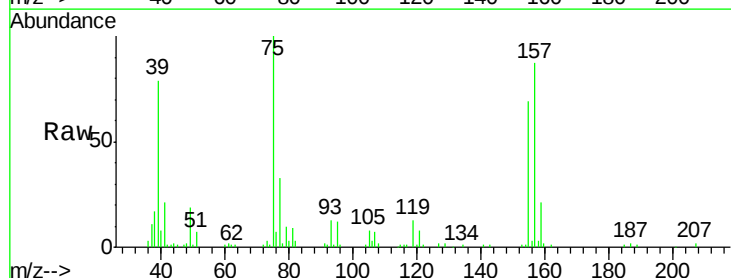
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

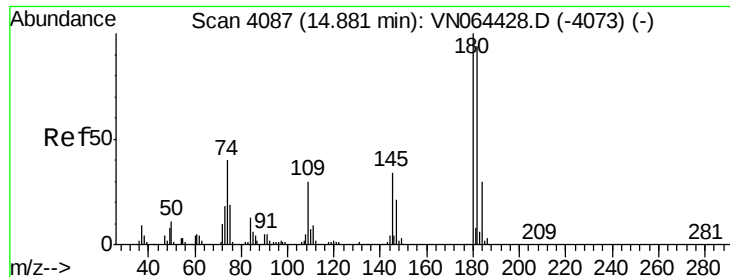
Tot Ion:146 Resp: 394108
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.9 68.7
 148 62.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.581 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion: 75 Resp: 63942
 Ion Ratio Lower Upper
 75 100
 155 67.6 34.6 103.9
 157 87.6 43.0 128.8

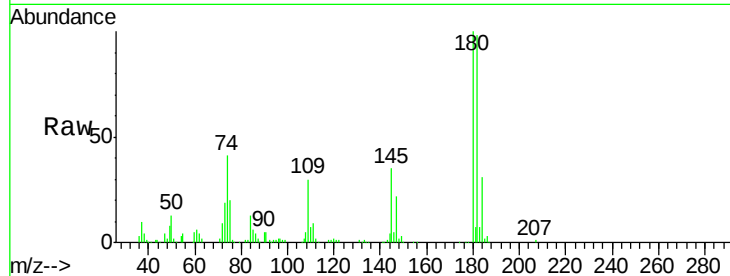




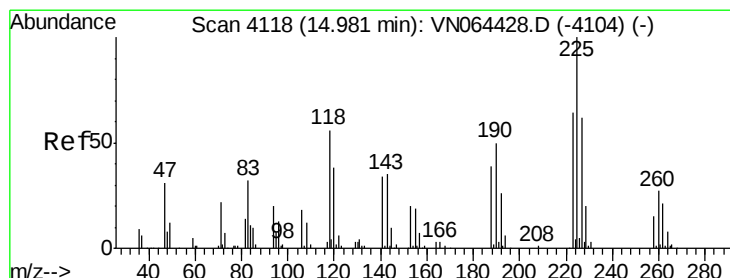
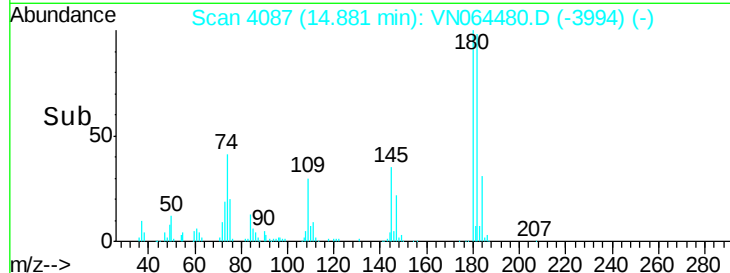
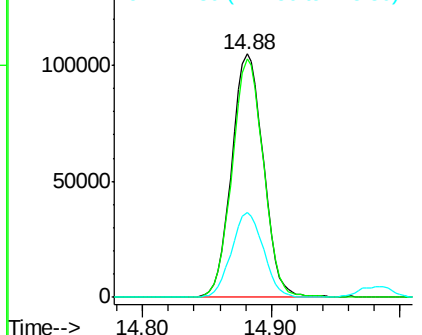
#93
 1,2,4-Trichlorobenzene
 Concen: 44.194 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:180 Resp: 179520
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 142.0
 145 34.9 16.7 50.1

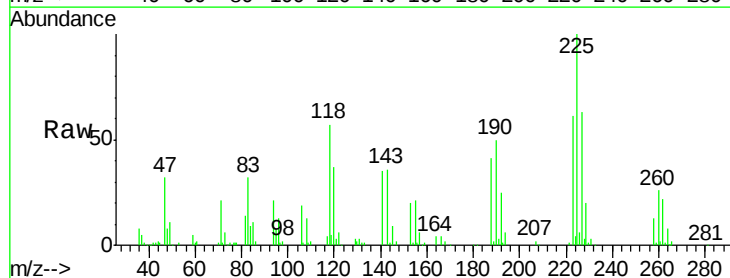


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

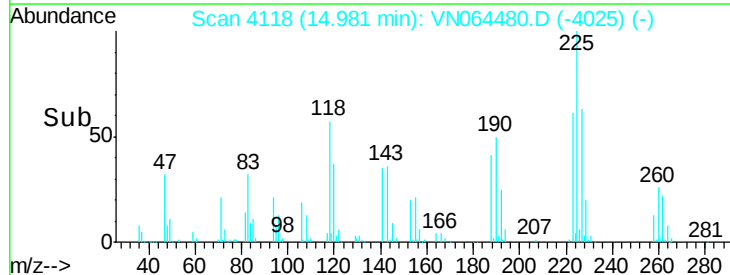
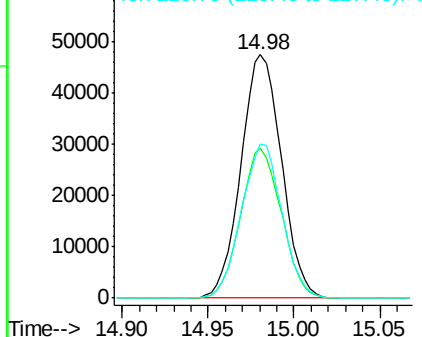


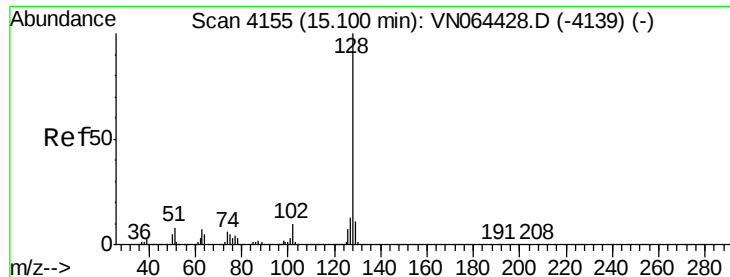
#94
 Hexachlorobutadiene
 Concen: 46.426 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064480.D
 Acq: 6 Nov 2020 12:08

Tgt Ion:225 Resp: 77785
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.8 95.4
 227 63.3 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.951 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

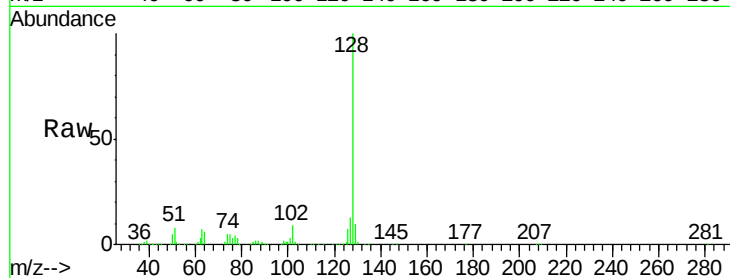
Tot Ion:128 Resp: 608160

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

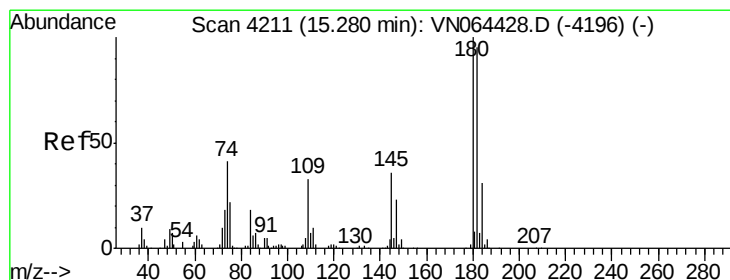
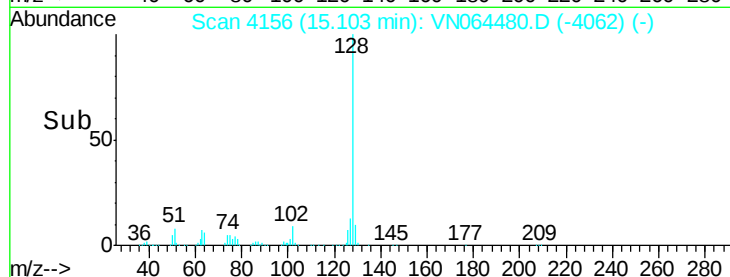
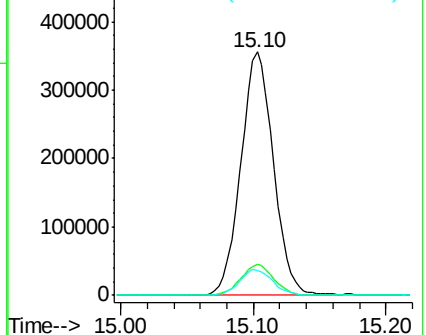
129 10.7 8.8 13.2



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: 45.360 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064480.D

Acq: 6 Nov 2020 12:08

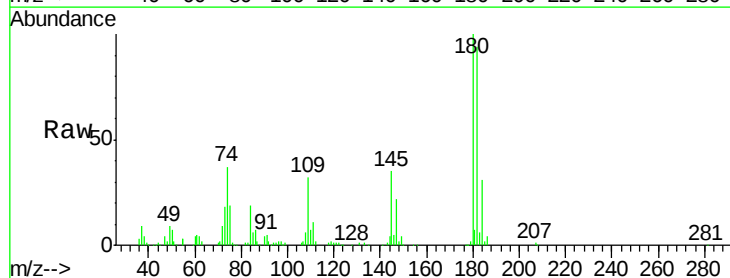
Tgt Ion:180 Resp: 178509

Ion Ratio Lower Upper

180 100

182 94.4 47.7 143.1

145 34.8 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

