

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064598.D
 Acq On : 12 Nov 2020 22:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 13 02:57:50 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	7.63	168	297076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	529863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	240461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	254628	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.55	113	175522	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	10.06	98	677503	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	255539	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	175379	45.351	ug/l	97
3) Chloromethane	2.04	50	209723	44.648	ug/l	99
4) Vinyl Chloride	2.17	62	231973	48.091	ug/l	98
5) Bromomethane	2.52	94	156598	50.819	ug/l	96
6) Chloroethane	2.67	64	159376	51.607	ug/l	97
7) Trichlorofluoromethane	2.98	101	372294	52.415	ug/l	98
8) Diethyl Ether	3.37	74	133128	53.076	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	161922	48.007	ug/l	98
10) Methyl Iodide	3.91	142	205738	52.495	ug/l	99
11) Tert butyl alcohol	4.76	59	158969	278.574	ug/l	100
12) 1,1-Dichloroethene	3.69	96	153052	48.173	ug/l	98
13) Acrolein	3.57	56	97613	275.768	ug/l	98
14) Allyl chloride	4.27	41	286655	46.122	ug/l	99
15) Acrylonitrile	4.94	53	452646	284.905	ug/l	98
16) Acetone	3.78	43	421453	213.816	ug/l	99
17) Carbon Disulfide	4.00	76	446995	47.046	ug/l	99
18) Methyl Acetate	4.28	43	231560	59.755	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	573479	50.152	ug/l	97
20) Methylene Chloride	4.50	84	192076	49.114	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	175414	48.626	ug/l	97
22) Diisopropyl ether	5.91	45	659450	49.984	ug/l	99
23) Vinyl Acetate	5.85	43	2745925	255.848	ug/l	98
24) 1,1-Dichloroethane	5.80	63	359093	49.532	ug/l	100
25) 2-Butanone	6.79	43	659097	262.436	ug/l	98
26) 2,2-Dichloropropane	6.78	77	279307	42.559	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	202960	48.554	ug/l	97
28) Bromochloromethane	7.15	49	173441	48.672	ug/l	99
29) Tetrahydrofuran	7.17	42	423430	274.805	ug/l	97
30) Chloroform	7.33	83	389163	51.067	ug/l	99
31) Cyclohexane	7.61	56	278921	44.341	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	343707	50.852	ug/l	98
36) 1,1-Dichloropropene	7.75	75	272496	48.681	ug/l	98
37) Ethyl Acetate	6.89	43	284483	50.073	ug/l	100
38) Carbon Tetrachloride	7.73	117	300262	50.190	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	231820	46.199	ug/l	93
40) Benzene	8.00	78	800486	48.666	ug/l	98
41) Methacrylonitrile	7.13	41	136957	55.187	ug/l	91
42) 1,2-Dichloroethane	8.09	62	337717	50.876	ug/l	99
43) Isopropyl Acetate	8.13	43	473545	52.202	ug/l	99
44) Trichloroethene	8.80	130	203400	49.012	ug/l	97
45) 1,2-Dichloropropane	9.08	63	219488	50.010	ug/l	96
46) Dibromomethane	9.17	93	154525	53.484	ug/l	97
47) Bromodichloromethane	9.37	83	329844	53.095	ug/l	99
48) Methyl methacrylate	9.17	41	243843	53.270	ug/l	99
49) 1,4-Dioxane	9.17	88	69729	1156.526	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1520834	287.481	ug/l	100
52) Toluene	10.13	92	508891	50.725	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	332297	50.454	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	353569	50.211	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	211275	53.999	ug/l	99
56) Ethyl methacrylate	10.40	69	302607	47.119	ug/l	98
57) 1,3-Dichloropropane	10.68	76	362257	53.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	788427	258.409	ug/l	97
59) 2-Hexanone	10.72	43	1111592	257.557	ug/l	100
60) Dibromochloromethane	10.87	129	240780	54.966	ug/l	99
61) 1,2-Dibromoethane	10.98	107	217437	54.790	ug/l	100
64) Tetrachloroethene	10.60	164	186388	48.081	ug/l	97
65) Chlorobenzene	11.41	112	542241	49.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	217869	52.935	ug/l	99
67) Ethyl Benzene	11.49	91	996683	50.789	ug/l	99
68) m/p-Xylenes	11.59	106	733180	103.021	ug/l	98
69) o-Xylene	11.92	106	347302	50.501	ug/l	99
70) Styrene	11.94	104	615252	53.166	ug/l	99
71) Bromoform	12.10	173	161634	52.243	ug/l #	98
73) Isopropylbenzene	12.22	105	918742	48.070	ug/l	100
74) N-amyl acetate	12.05	43	428761	46.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	306548	52.219	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	422452	72.509	ug/l #	100
77) Bromobenzene	12.50	156	223002	47.791	ug/l	99
78) n-propylbenzene	12.57	91	1097954	50.388	ug/l	99
79) 2-Chlorotoluene	12.65	91	677901	49.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	791473	50.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	99960	47.905	ug/l	95
82) 4-Chlorotoluene	12.75	91	707265	48.867	ug/l	99
83) tert-Butylbenzene	12.97	119	614016	49.861	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	809078	51.044	ug/l	100
85) sec-Butylbenzene	13.15	105	807897	51.802	ug/l	99
86) p-Isopropyltoluene	13.26	119	731586	52.151	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	395205	48.995	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	398016	47.748	ug/l	99
89) n-Butylbenzene	13.59	91	606974	50.323	ug/l	99
90) Hexachloroethane	13.85	117	145970	53.941	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	400294	51.591	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66942	57.274	ug/l	99

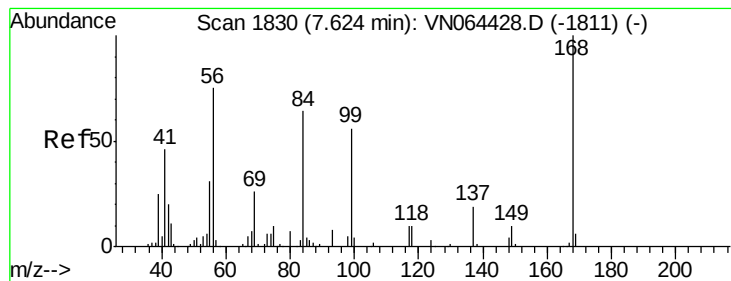
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170672	44.540	ug/l	98
94) Hexachlorobutadiene	14.98	225	86842	54.973	ug/l	98
95) Naphthalene	15.10	128	568897	43.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176929	47.541	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

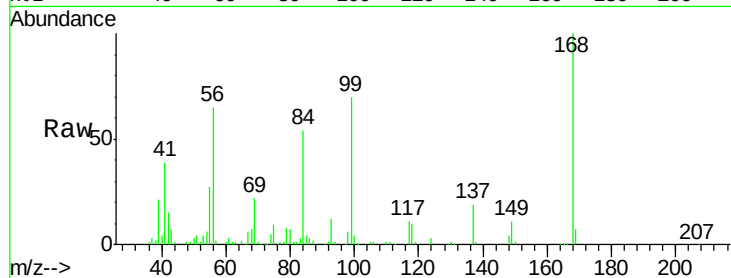
VSTDCCC050

Tot Ion:168 Resp: 297076

Ion Ratio Lower Upper

168 100

99 69.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

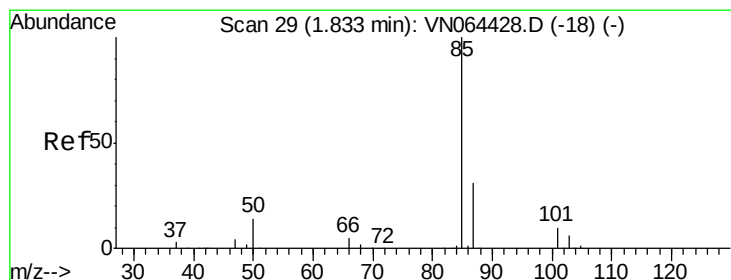
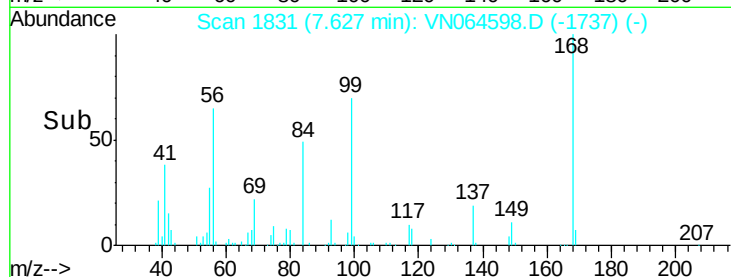
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.351 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064598.D

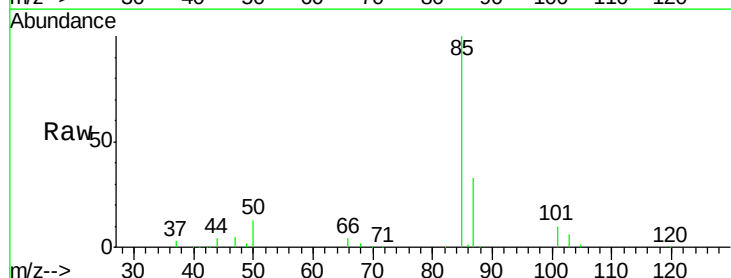
Acq: 12 Nov 2020 22:29

Tgt Ion: 85 Resp: 175379

Ion Ratio Lower Upper

85 100

87 33.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

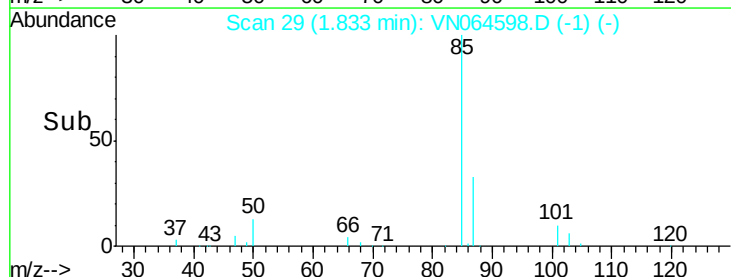
150000

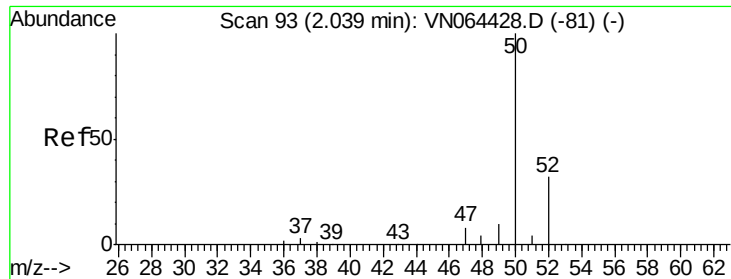
100000

50000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 44.648 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

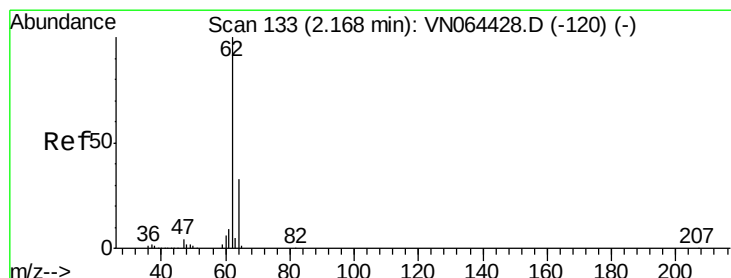
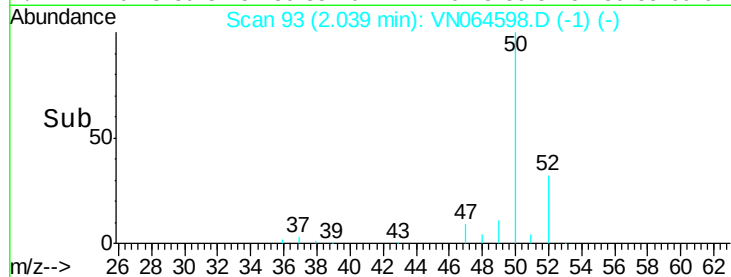
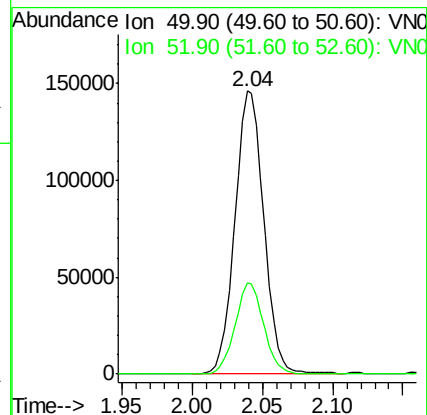
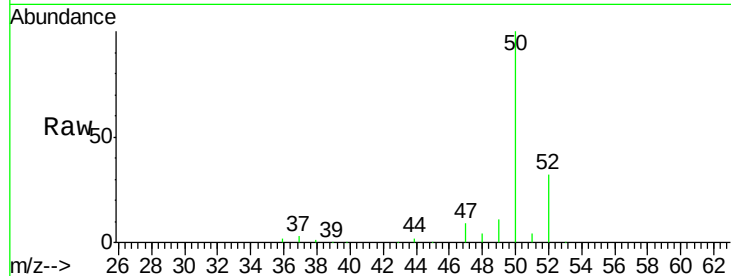
VSTDCCC050

Tot Ion: 50 Resp: 209723

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 48.091 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064598.D

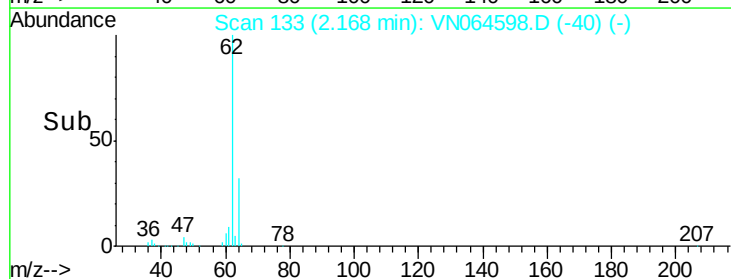
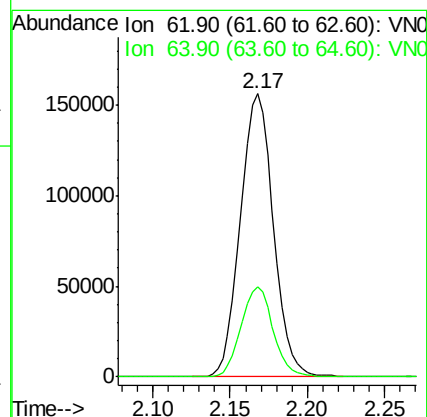
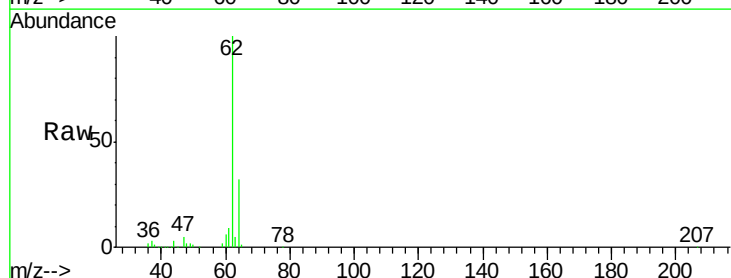
Acq: 12 Nov 2020 22:29

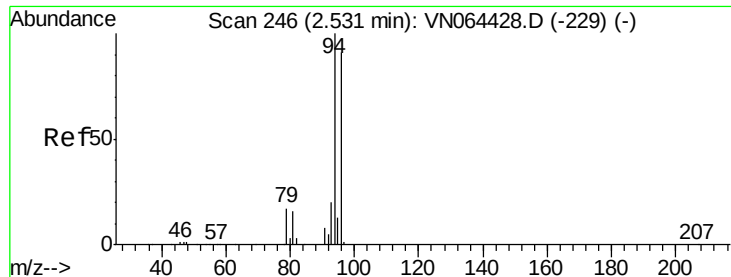
Tgt Ion: 62 Resp: 231973

Ion Ratio Lower Upper

62 100

64 31.9 26.3 39.5





#5

Bromomethane

Concen: 50.819 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

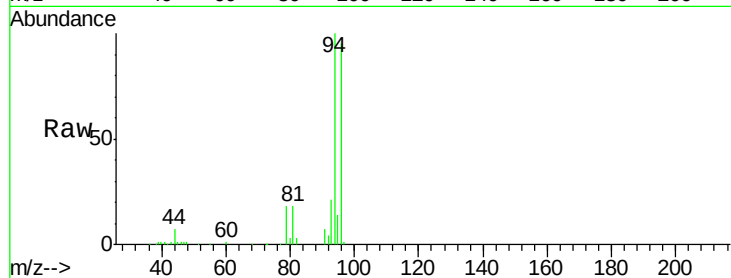
VSTDCCC050

Tot Ion: 94 Resp: 156598

Ion Ratio Lower Upper

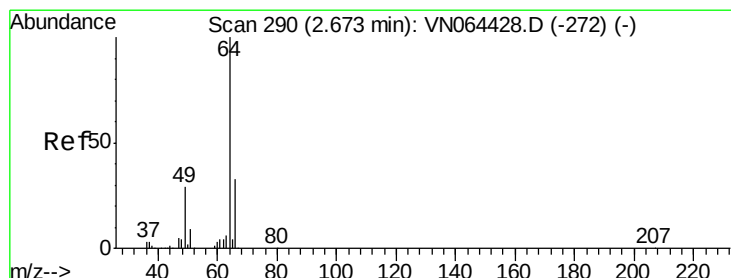
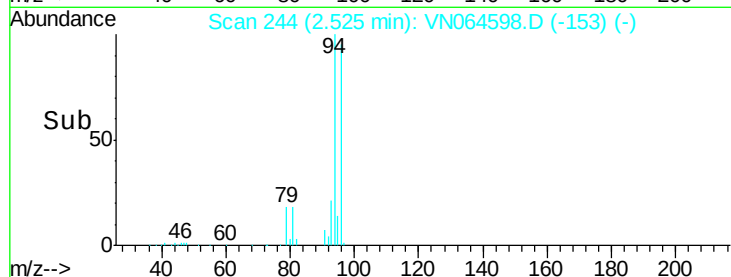
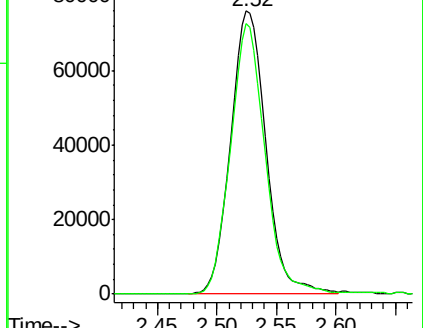
94 100

96 95.5 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN064598.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064598.D (-153) (-)



#6

Chloroethane

Concen: 51.607 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064598.D

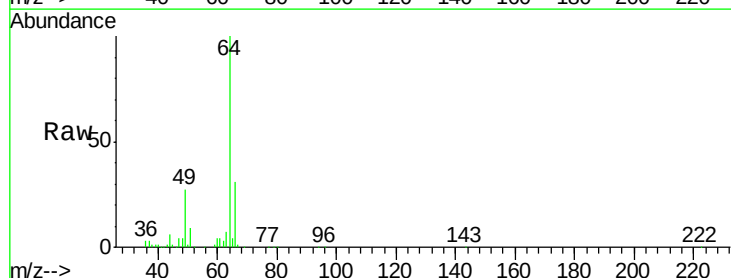
Acq: 12 Nov 2020 22:29

Tgt Ion: 64 Resp: 159376

Ion Ratio Lower Upper

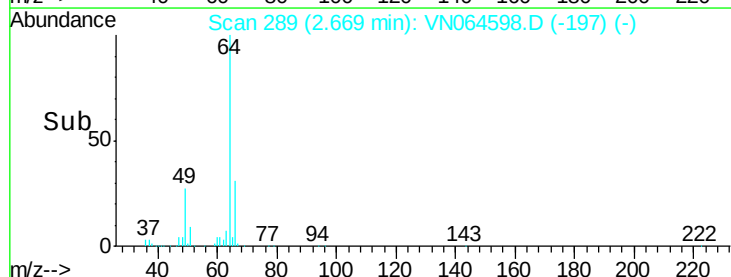
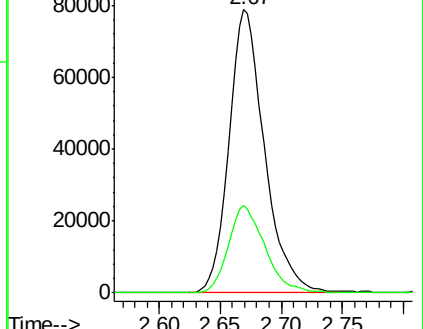
64 100

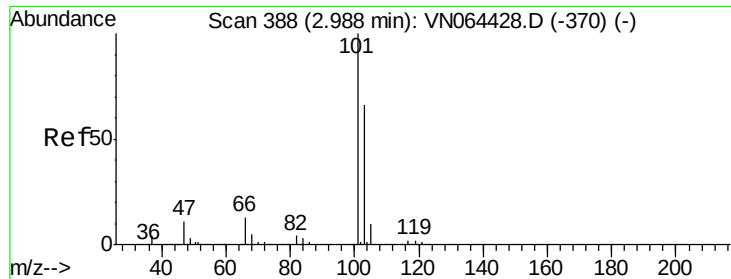
66 31.0 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN064598.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064598.D (-197) (-)



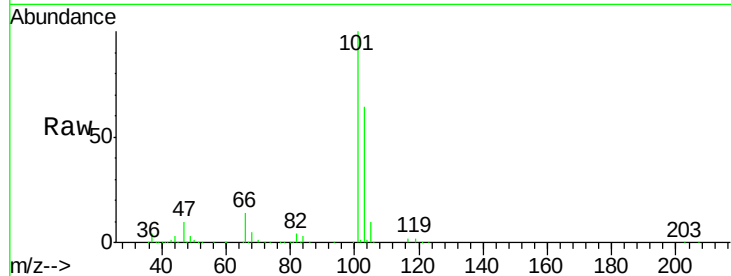


#7

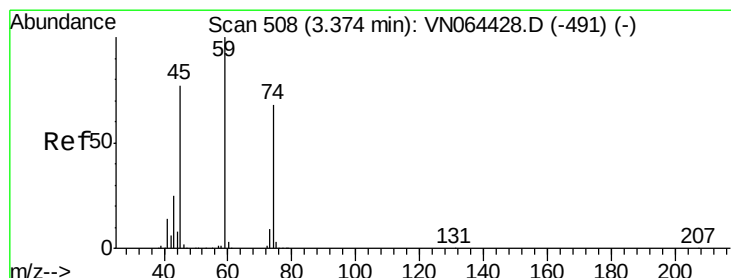
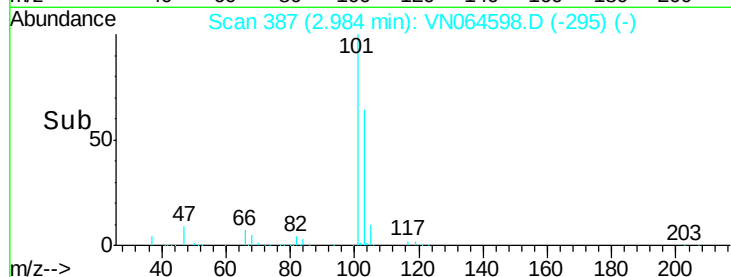
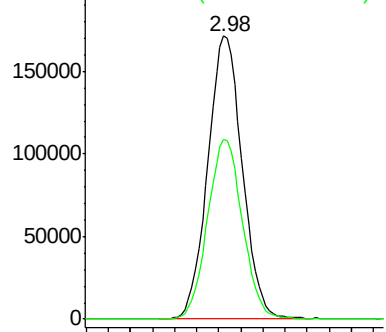
Trichlorofluoromethane
 Concen: 52.415 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
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 VSTDCCC050

Tot Ion:101 Resp: 372294
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.4 78.6



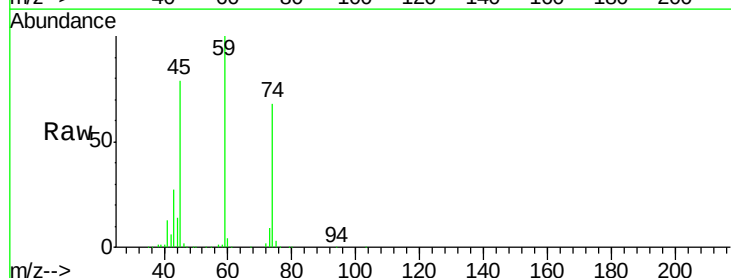
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



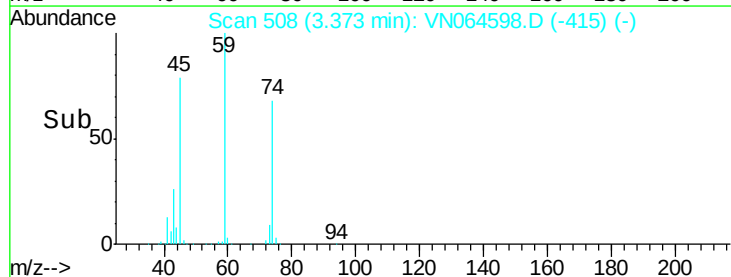
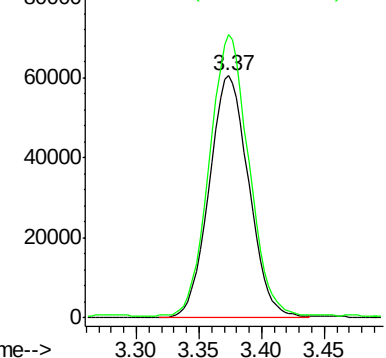
#8

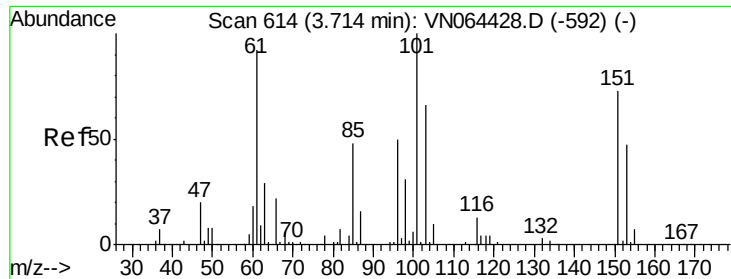
Diethyl Ether
 Concen: 53.076 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 74 Resp: 133128
 Ion Ratio Lower Upper
 74 100
 45 115.8 55.9 167.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.007 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

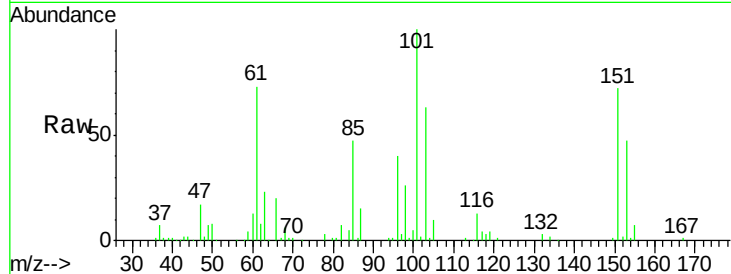
Tot Ion:101 Resp: 161922

Ion Ratio Lower Upper

101 100

85 48.0 38.6 57.8

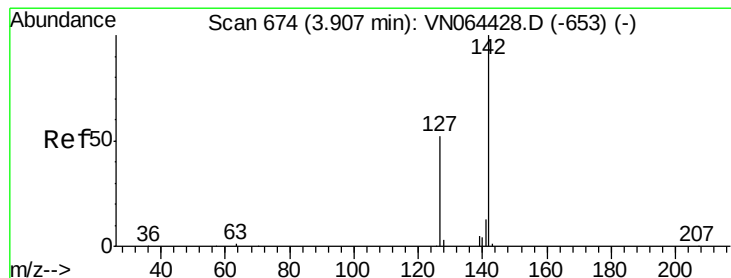
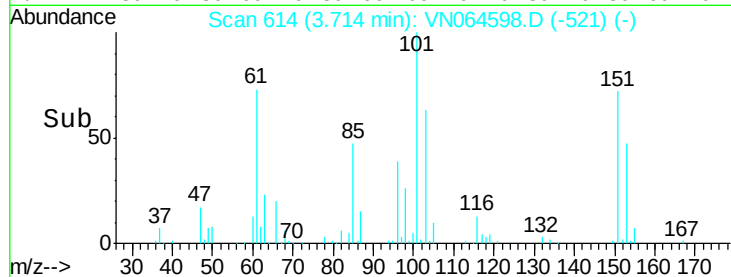
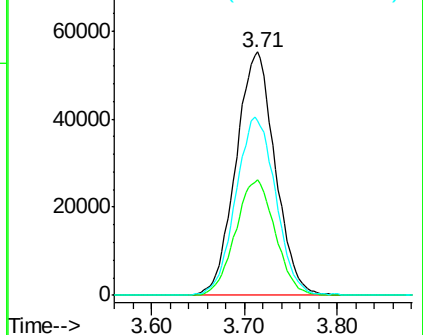
151 74.6 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.495 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

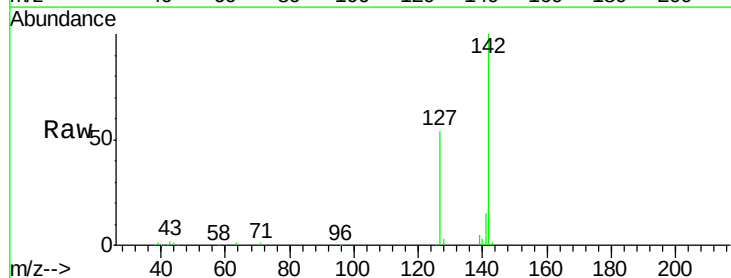
Tgt Ion:142 Resp: 205738

Ion Ratio Lower Upper

142 100

127 53.3 41.8 62.8

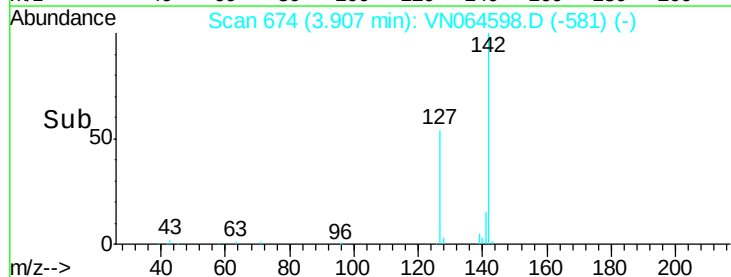
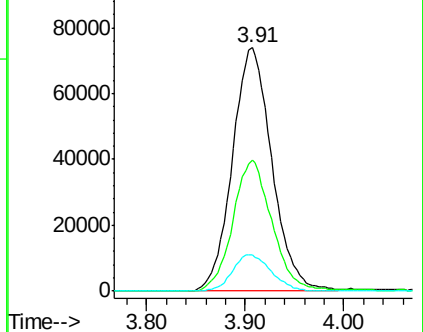
141 14.7 11.4 17.2

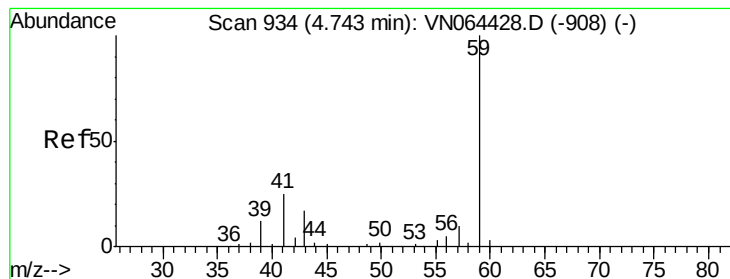


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



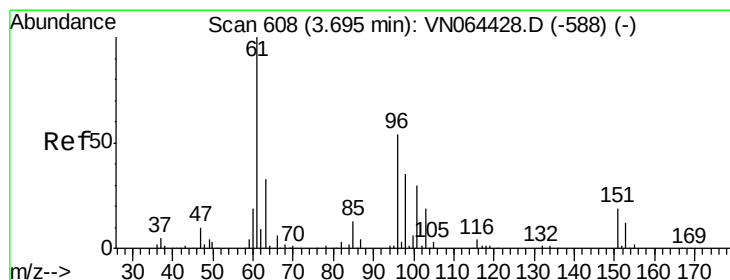
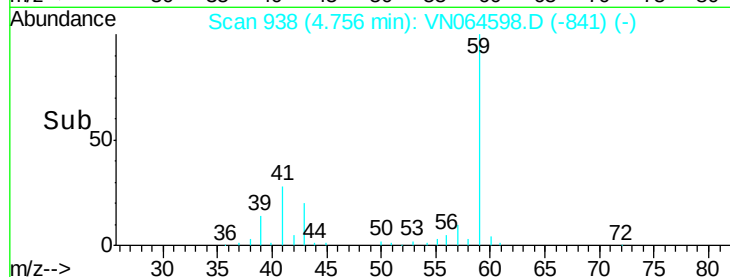
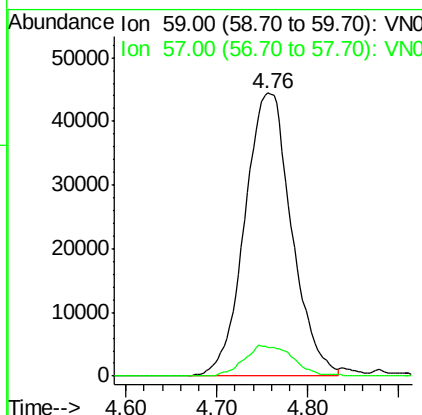
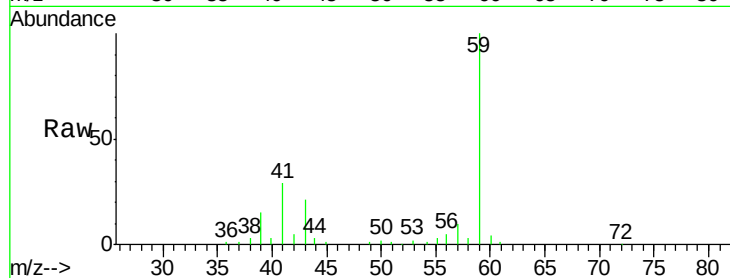


#11

Tert butyl alcohol
 Concen: 278.574 ug/l
 RT: 4.76 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

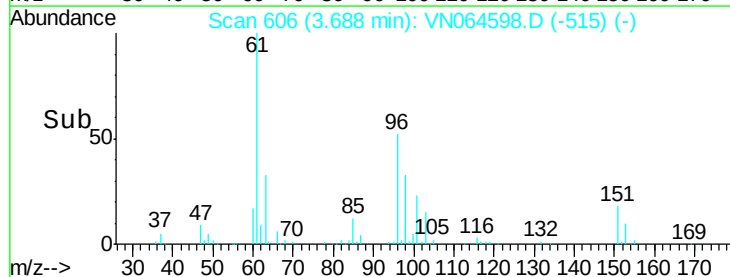
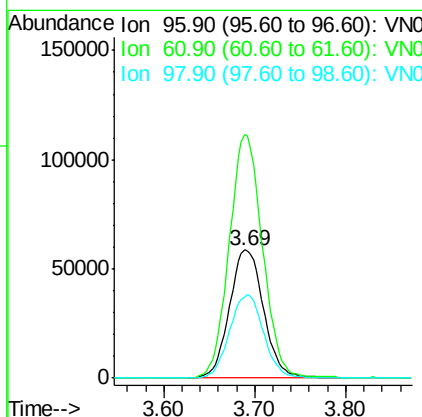
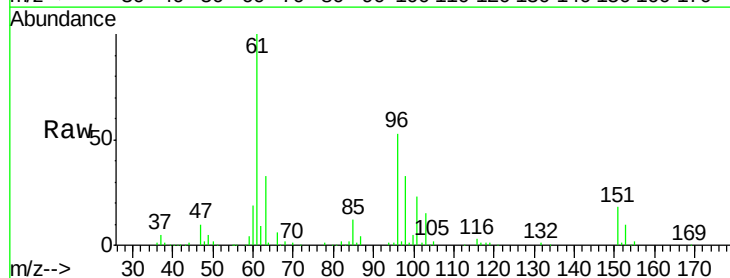
Tot Ion: 59 Resp: 158969
 Ion Ratio Lower Upper
 59 100
 57 11.3 9.0 13.4

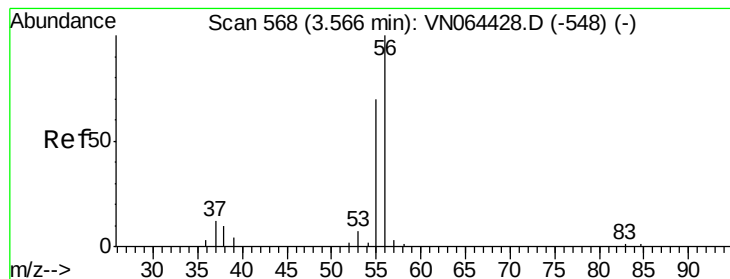


#12

1,1-Dichloroethene
 Concen: 48.173 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 96 Resp: 153052
 Ion Ratio Lower Upper
 96 100
 61 190.5 149.5 224.3
 98 63.8 52.4 78.6





#13

Acrolein

Concen: 275.768 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

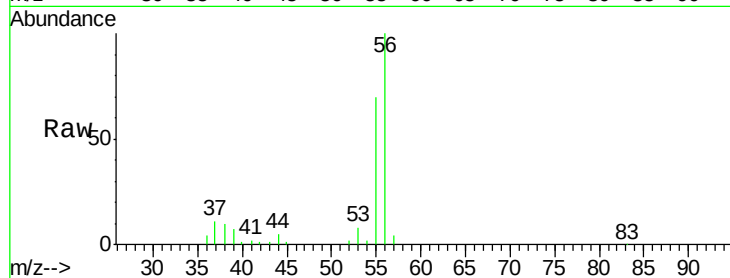
VSTDCCC050

Tot Ion: 56 Resp: 97613

Ion Ratio Lower Upper

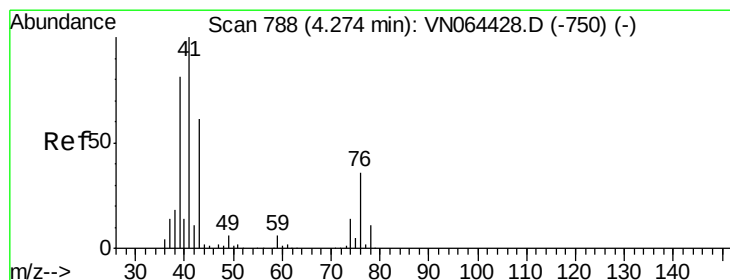
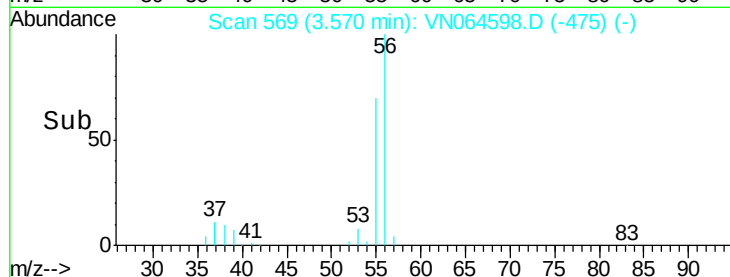
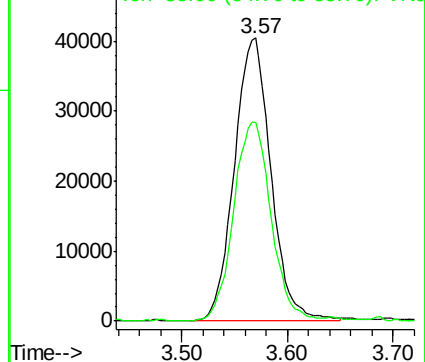
56 100

55 71.7 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.122 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

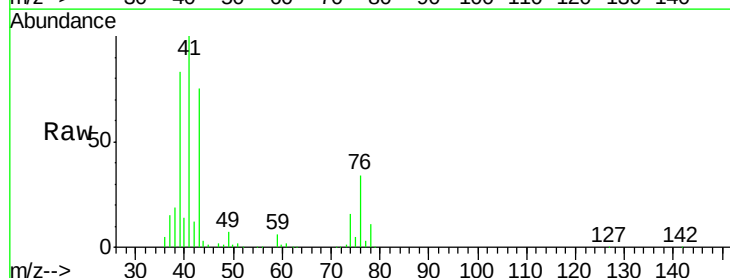
Tgt Ion: 41 Resp: 286655

Ion Ratio Lower Upper

41 100

39 78.2 61.8 92.8

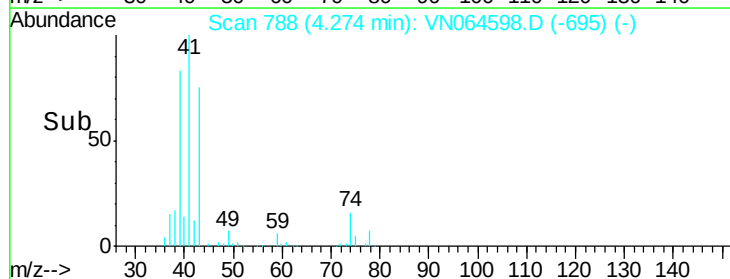
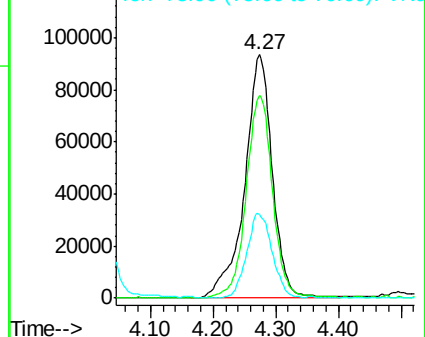
76 32.0 25.4 38.0

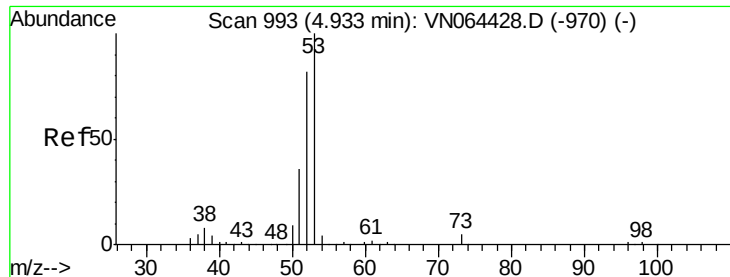


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 284.905 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

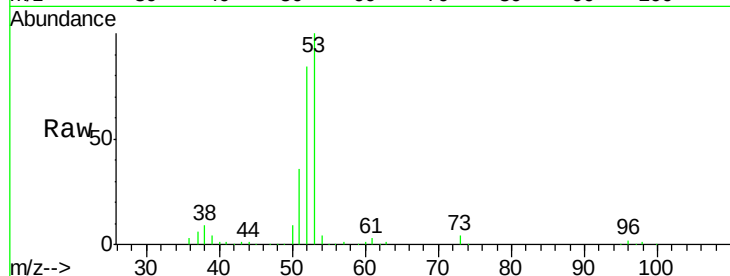
Tot Ion: 53 Resp: 452646

Ion Ratio Lower Upper

53 100

52 83.2 65.6 98.4

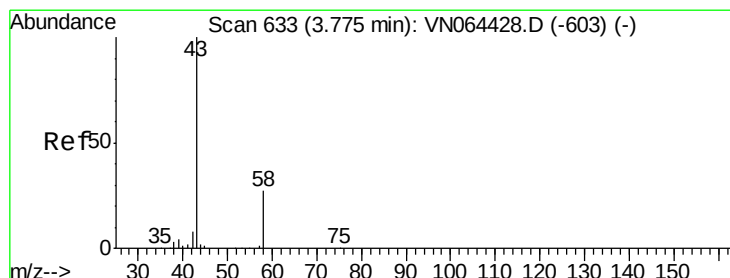
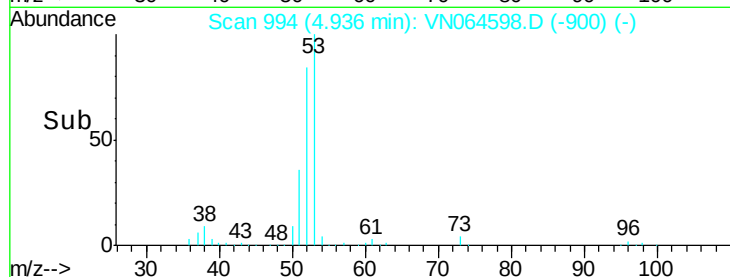
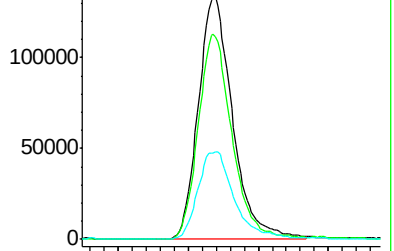
51 38.6 29.9 44.9



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

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

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



#16

Acetone

Concen: 213.816 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064598.D

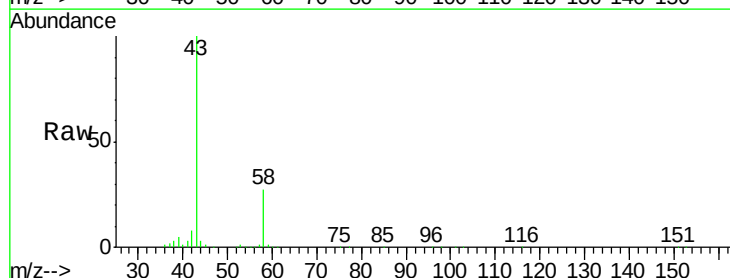
Acq: 12 Nov 2020 22:29

Tgt Ion: 43 Resp: 421453

Ion Ratio Lower Upper

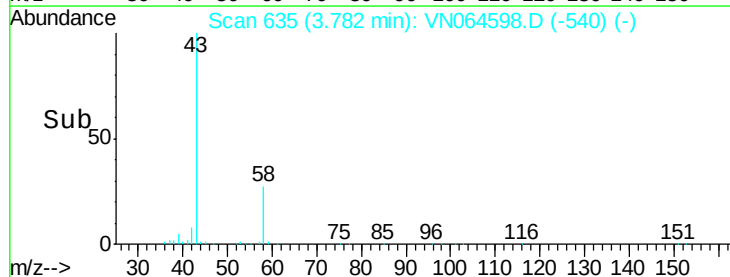
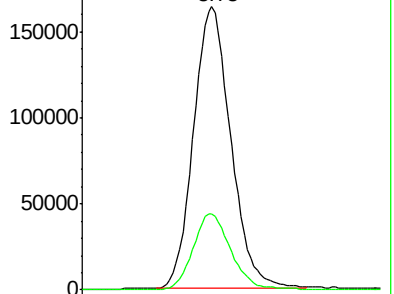
43 100

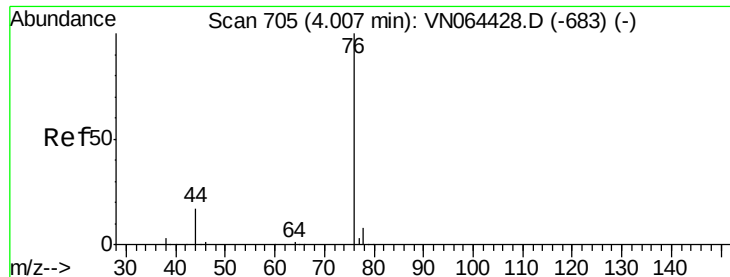
58 27.0 21.4 32.0



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

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

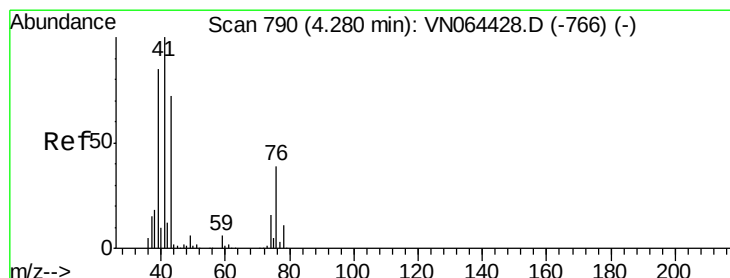
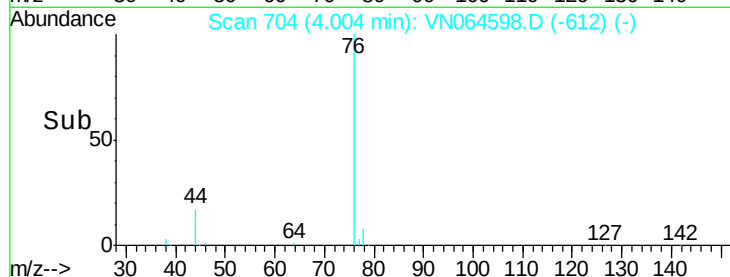
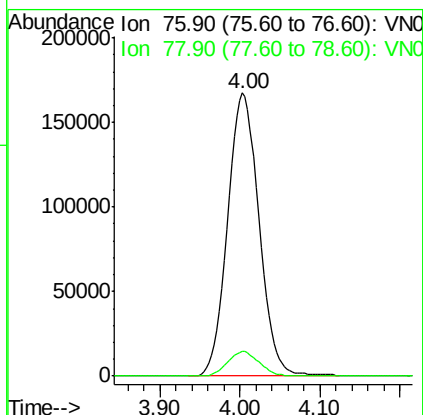
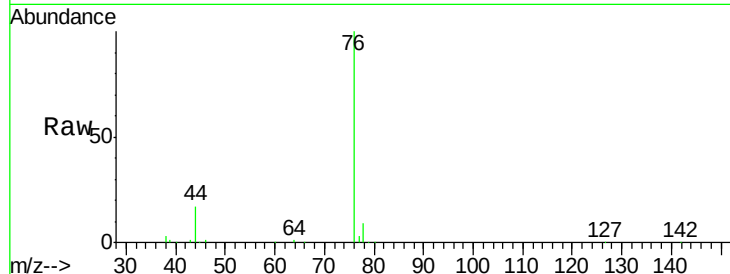




#17
Carbon Disulfide
Concen: 47.046 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

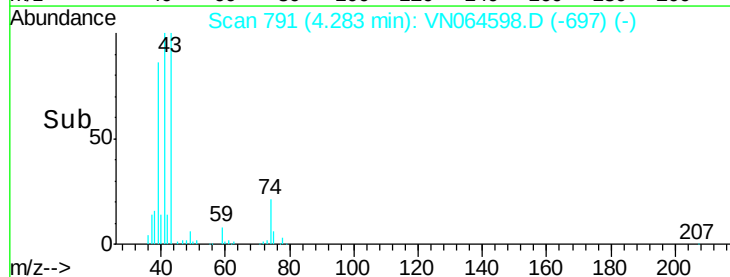
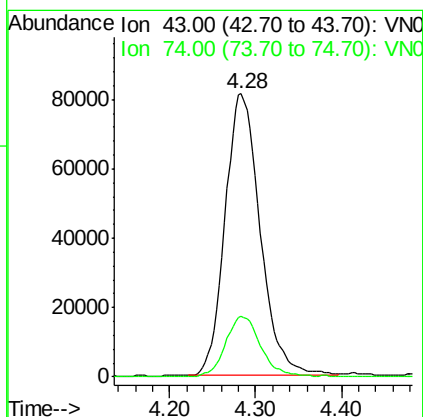
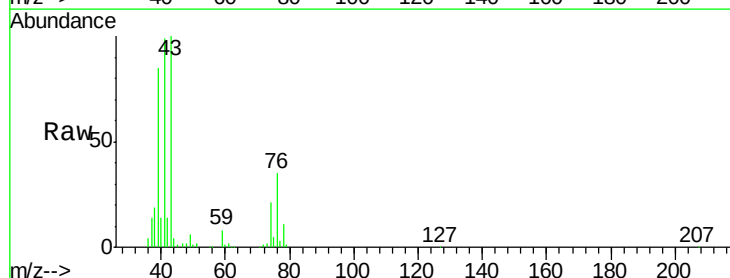
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

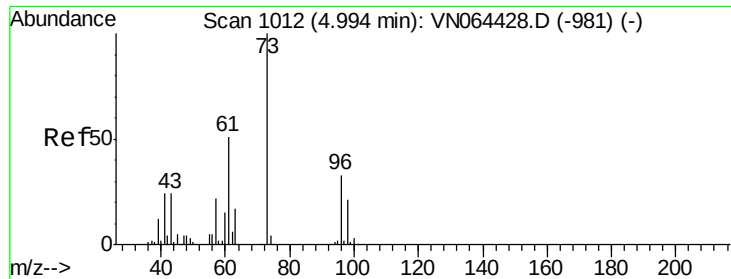
Tot Ion: 76 Resp: 446995
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 59.755 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 43 Resp: 231560
Ion Ratio Lower Upper
43 100
74 21.5 17.0 25.4

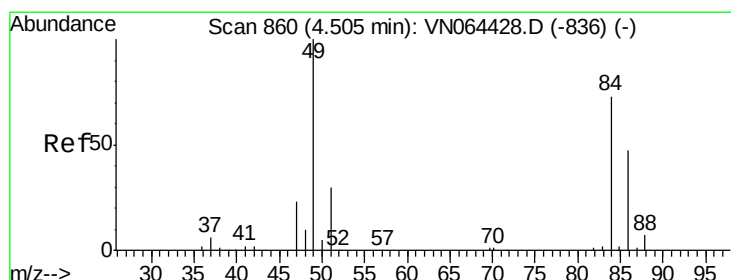
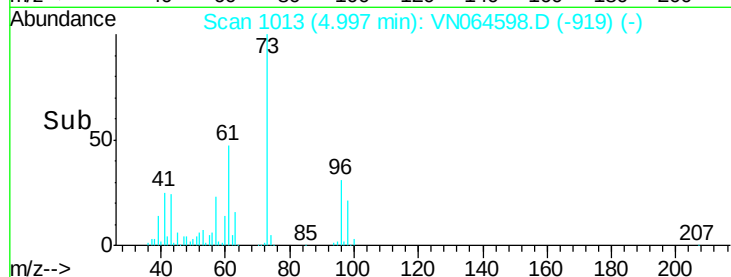
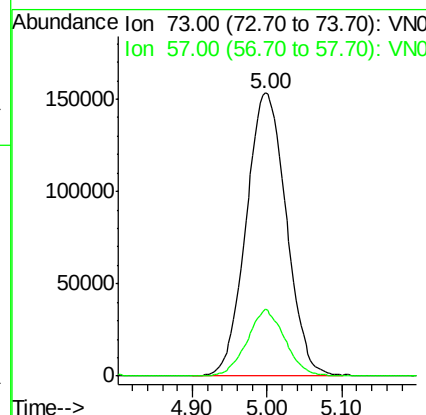
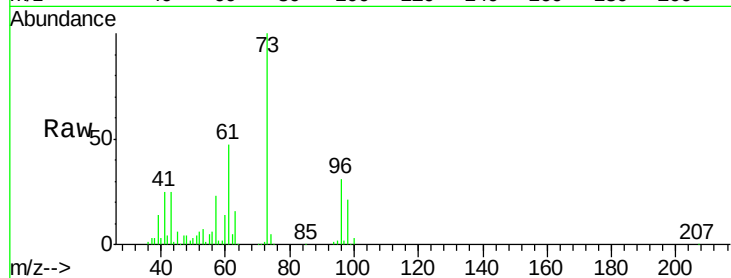




#19
Methyl tert-butyl Ether
Concen: 50.152 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

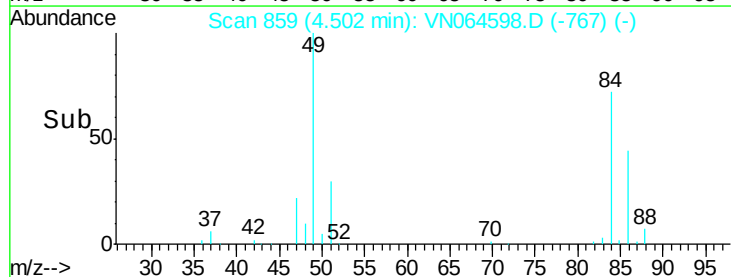
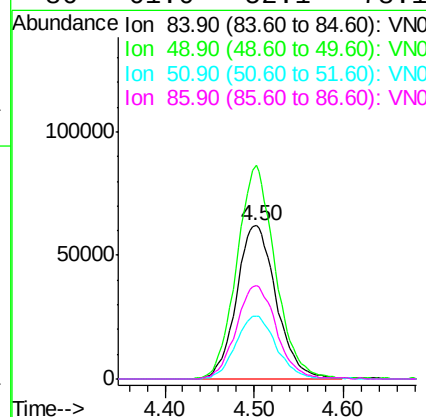
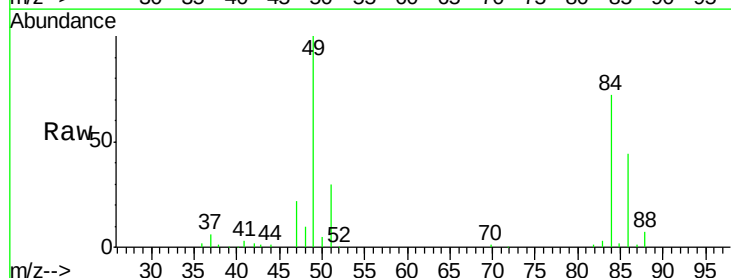
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

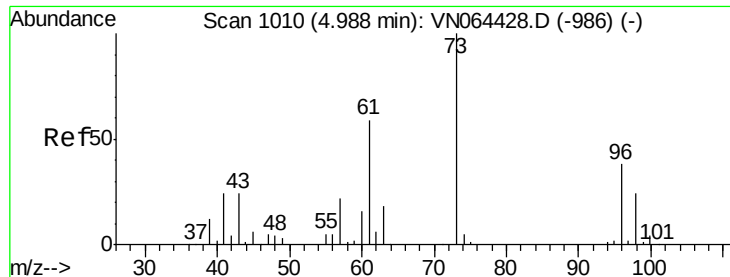
Tot Ion: 73 Resp: 573479
Ion Ratio Lower Upper
73 100
57 23.5 17.7 26.5



#20
Methylene Chloride
Concen: 49.114 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 84 Resp: 192076
Ion Ratio Lower Upper
84 100
49 138.8 110.1 165.1
51 41.3 33.6 50.4
86 61.0 52.1 78.1

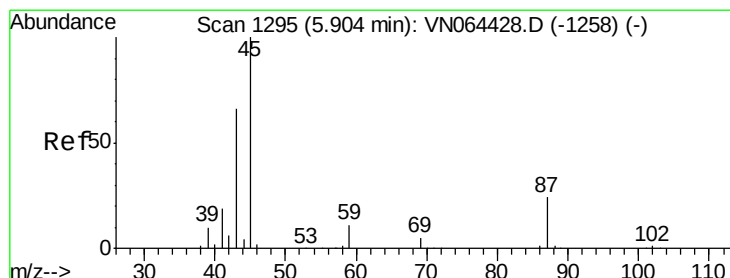
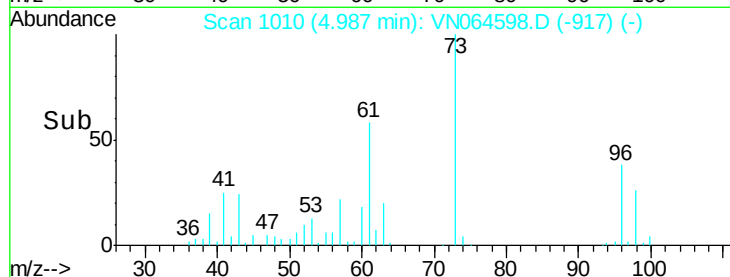
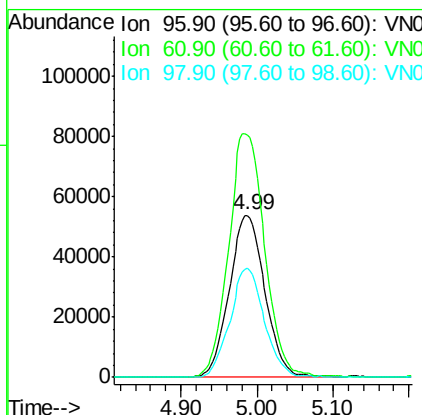
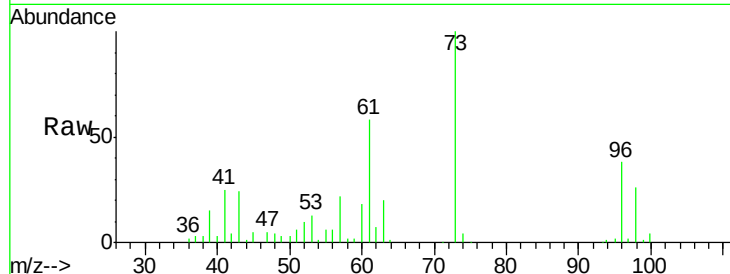




#21
trans-1,2-Dichloroethene
Concen: 48.626 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

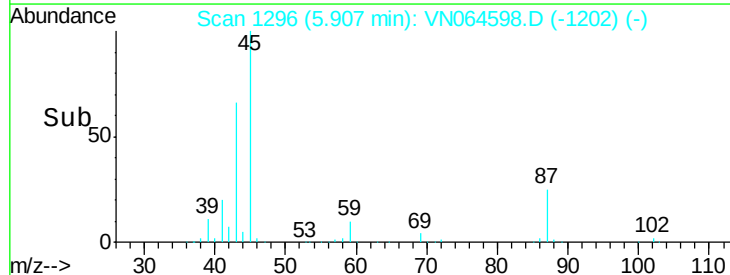
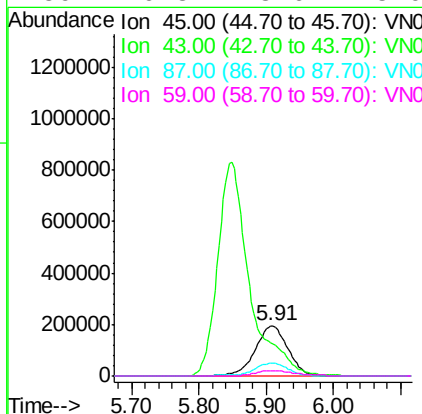
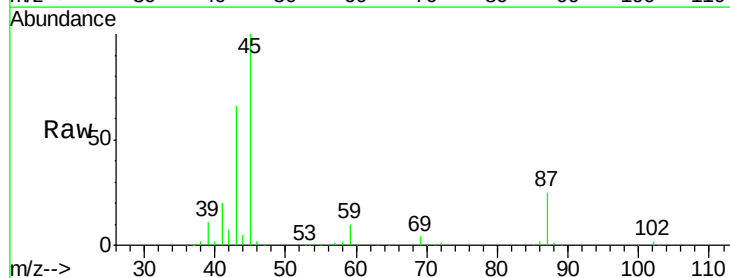
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

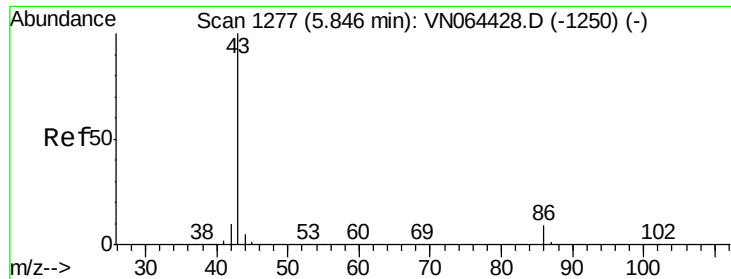
Tot Ion: 96 Resp: 175414
Ion Ratio Lower Upper
96 100
61 150.2 122.4 183.6
98 67.6 50.4 75.6



#22
Diisopropyl ether
Concen: 49.984 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 45 Resp: 659450
Ion Ratio Lower Upper
45 100
43 65.6 53.2 79.8
87 25.1 19.9 29.9
59 10.3 8.6 13.0





#23

Vinyl Acetate

Concen: 255.848 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

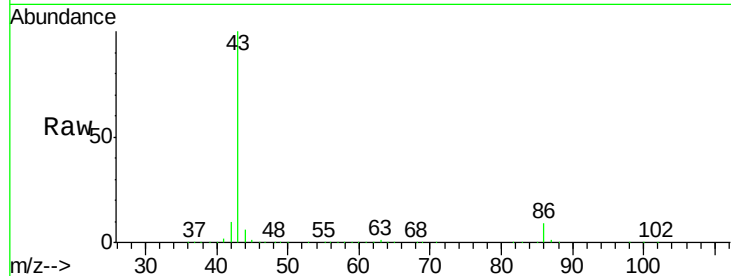
VSTDCCC050

Tot Ion: 43 Resp: 2745925

Ion Ratio Lower Upper

43 100

86 9.1 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN064428.D (-1250) (-)

5.85

800000

600000

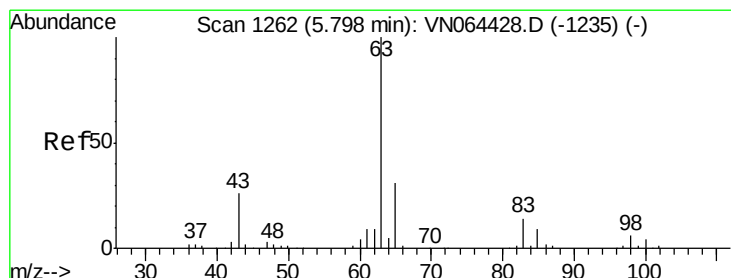
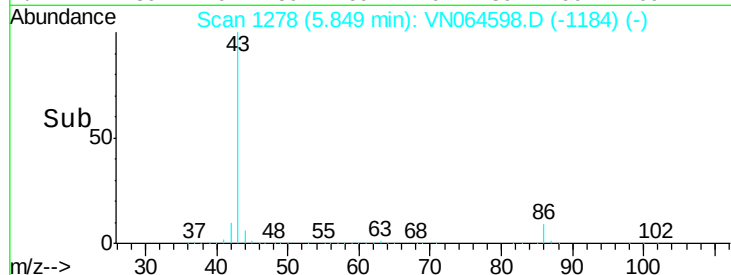
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 49.532 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

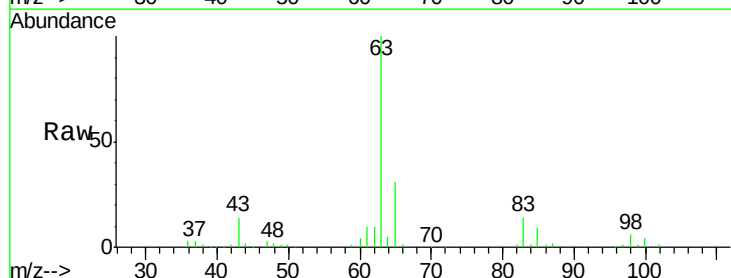
Tgt Ion: 63 Resp: 359093

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.7 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-1235) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1235) (-)

Ion 99.90 (99.60 to 100.60): VN064428.D (-1235) (-)

150000

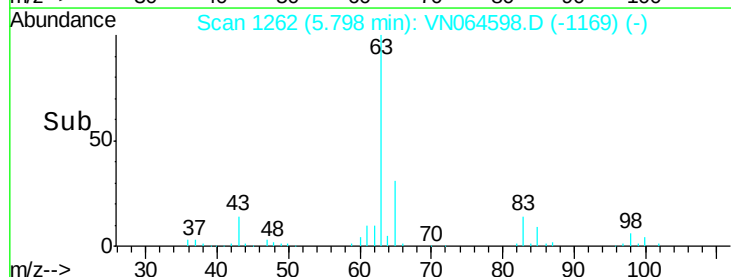
100000

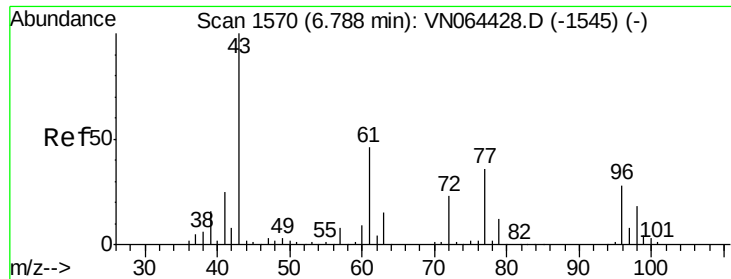
50000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 262.436 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampled :

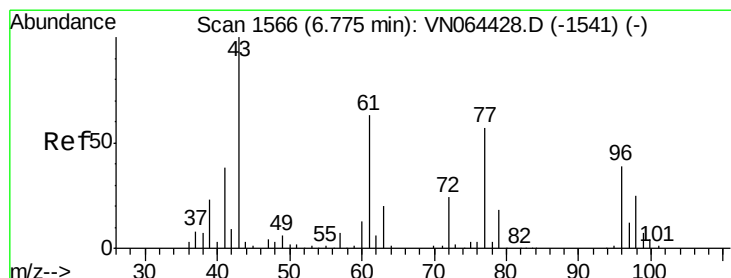
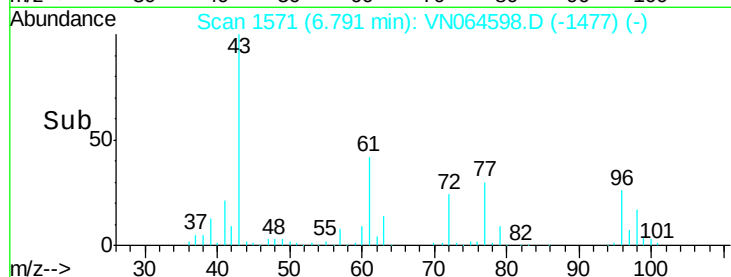
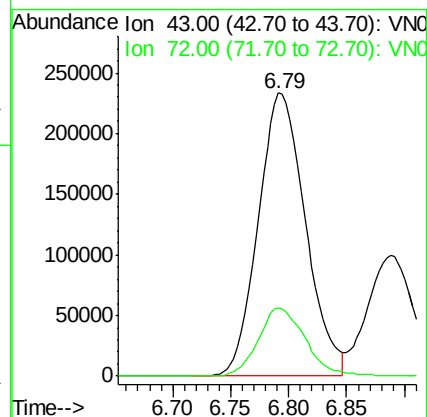
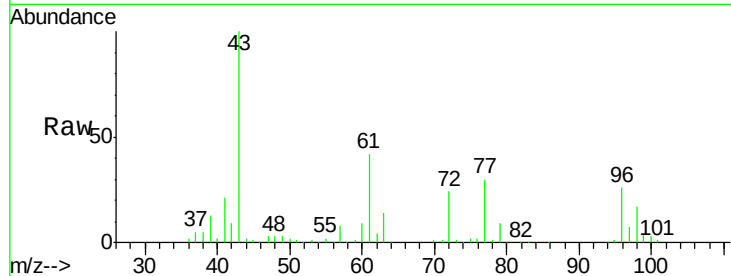
VSTDCCC050

Tot Ion: 43 Resp: 659097

Ion Ratio Lower Upper

43 100

72 24.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 42.559 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064598.D

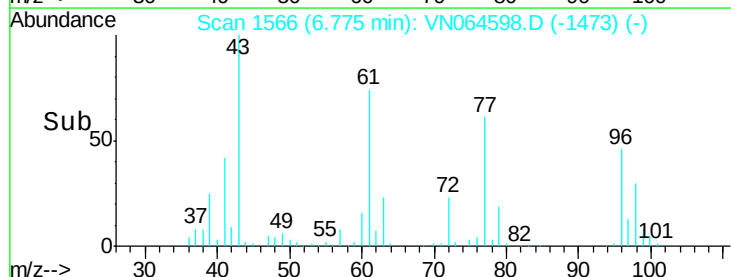
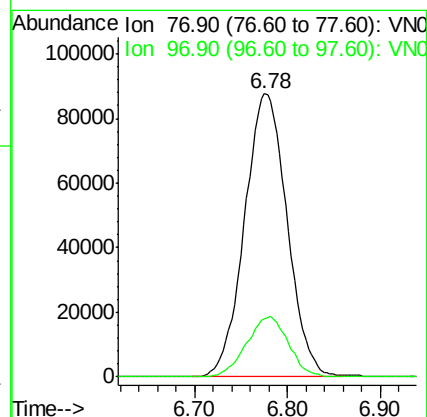
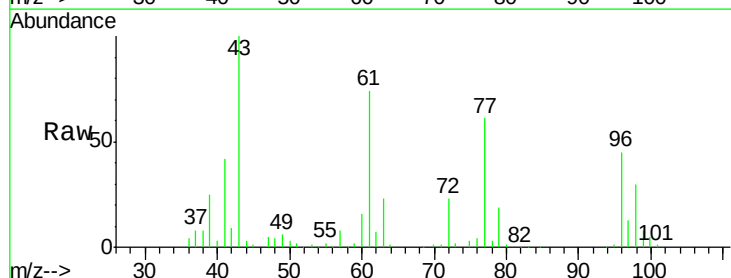
Acq: 12 Nov 2020 22:29

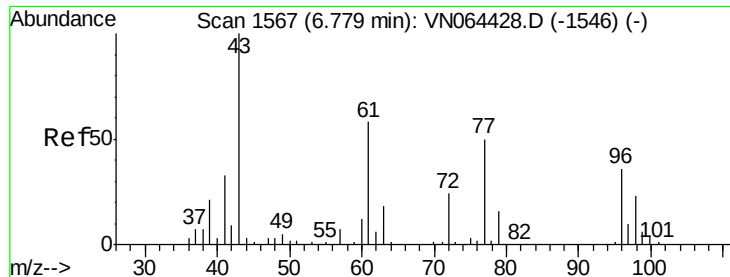
Tgt Ion: 77 Resp: 279307

Ion Ratio Lower Upper

77 100

97 20.8 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.554 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

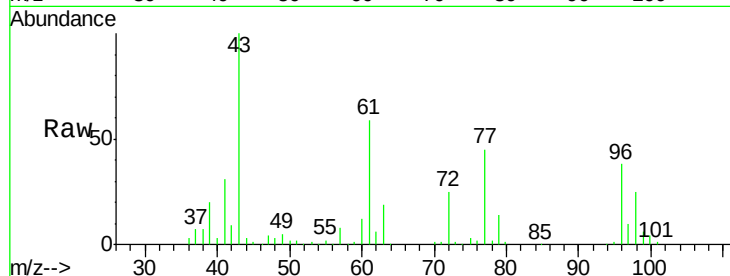
Tot Ion: 96 Resp: 202960

Ion Ratio Lower Upper

96 100

61 160.6 0.0 329.6

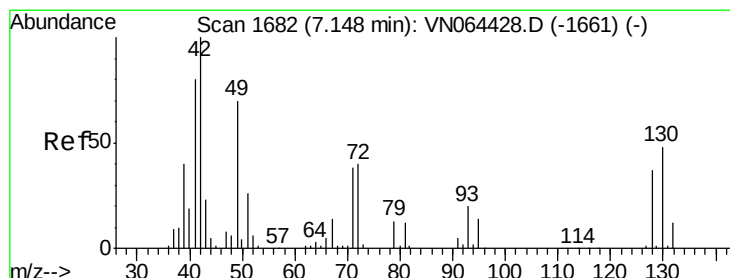
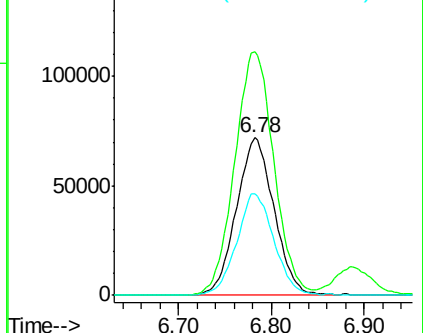
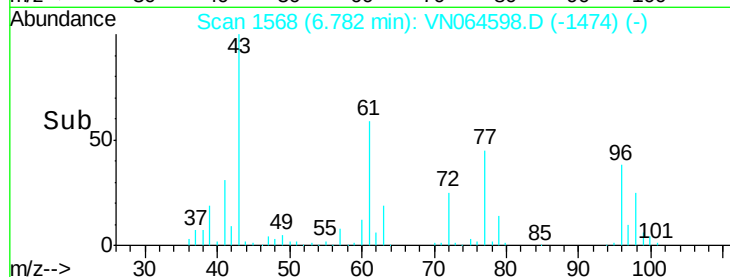
98 63.7 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064598.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064598.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064598.D (-1474) (-)



#28

Bromochloromethane

Concen: 48.672 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

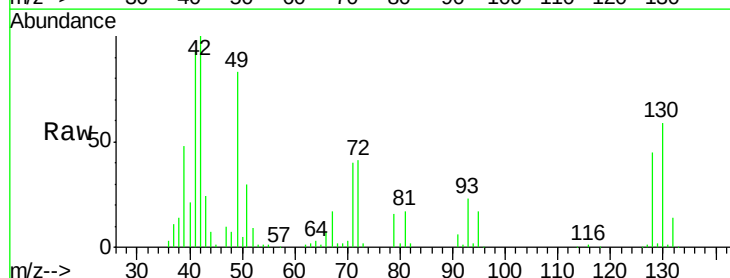
Tgt Ion: 49 Resp: 173441

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.6

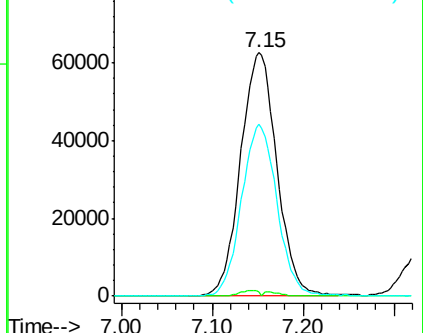
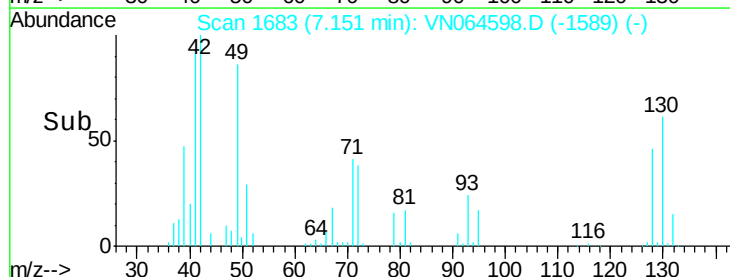
130 68.8 54.2 81.4

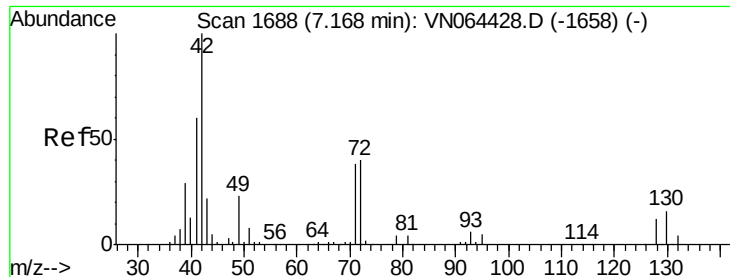


Abundance Ion 48.90 (48.60 to 49.60): VN064598.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064598.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064598.D (-1589) (-)

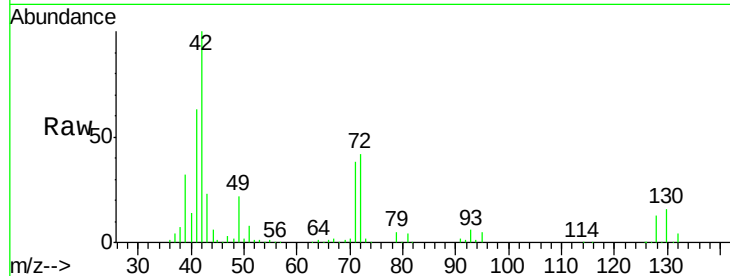




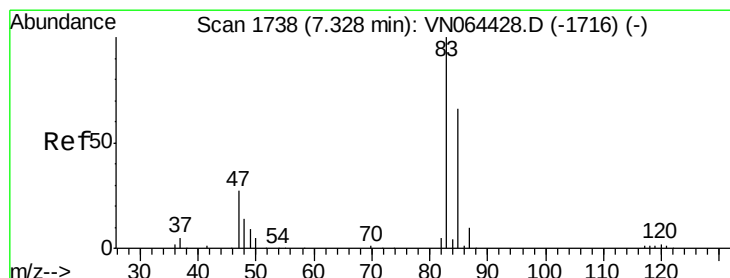
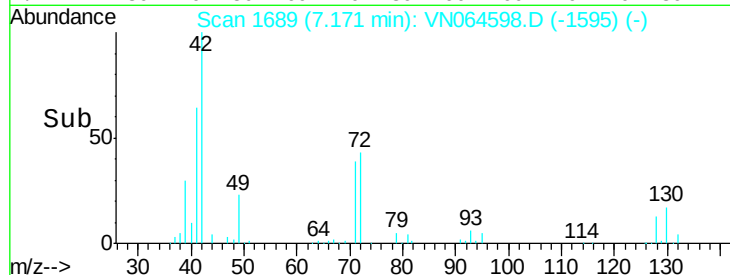
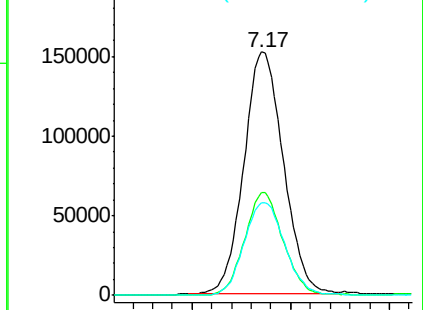
#29
Tetrahydrofuran
Concen: 274.805 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 423430
Ion Ratio Lower Upper
42 100
72 41.5 31.7 47.5
71 39.5 29.8 44.6

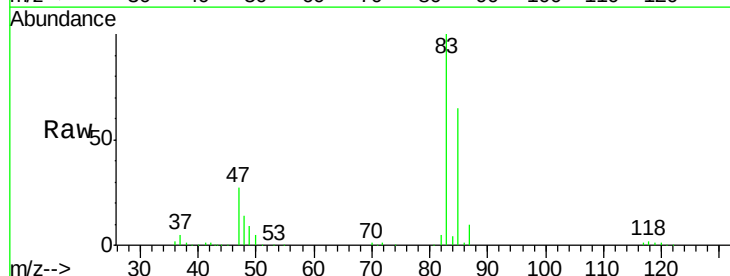


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

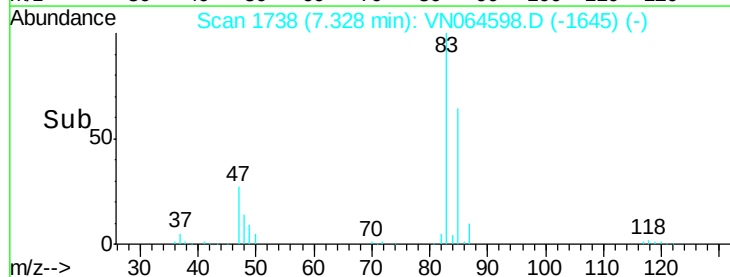
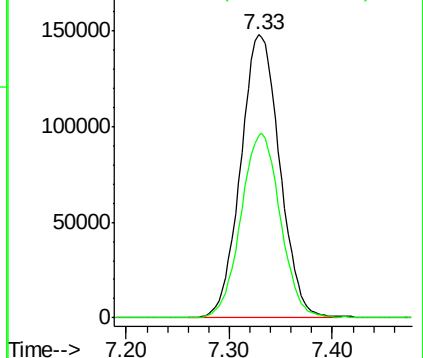


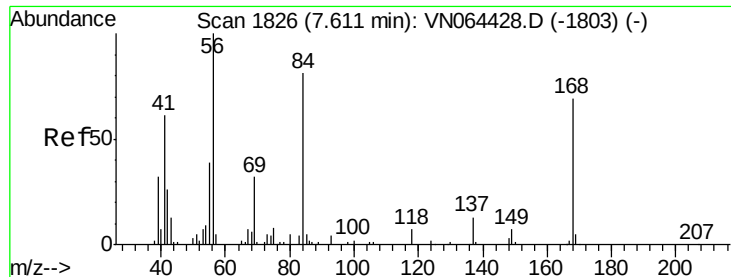
#30
Chloroform
Concen: 51.067 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 83 Resp: 389163
Ion Ratio Lower Upper
83 100
85 64.6 52.5 78.7



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

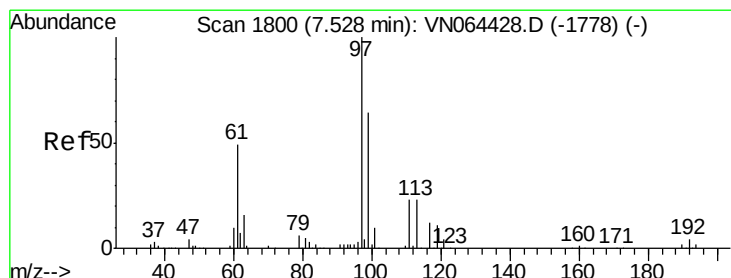
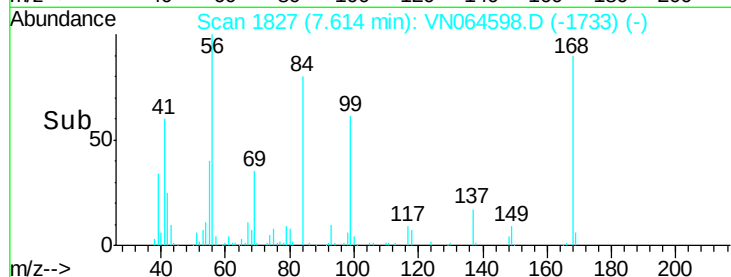
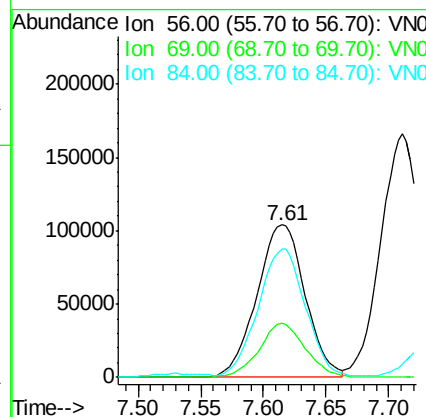
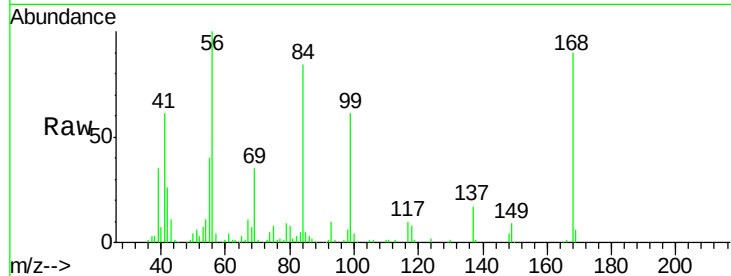




#31
Cyclohexane
Concen: 44.341 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

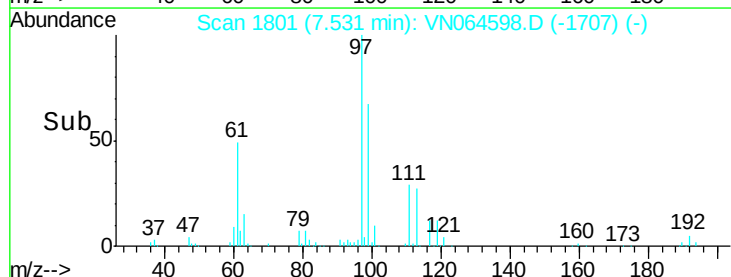
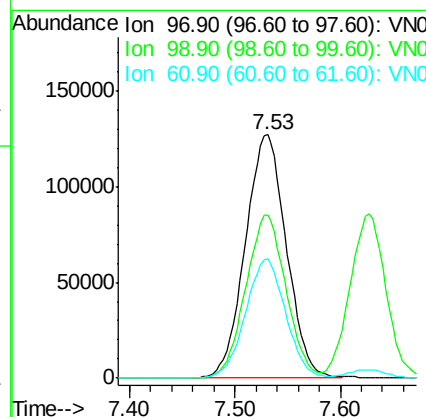
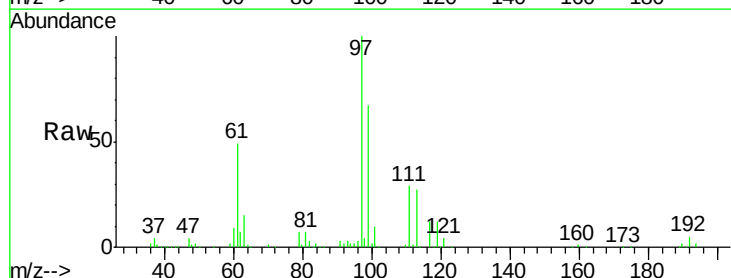
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

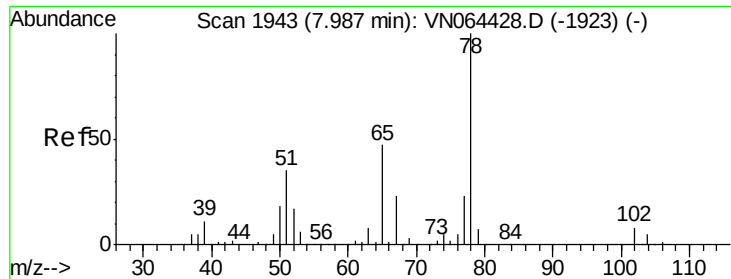
Tot Ion: 56 Resp: 278921
Ion Ratio Lower Upper
56 100
69 35.3 25.6 38.4
84 82.1 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 50.852 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 97 Resp: 343707
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 48.0 39.1 58.7

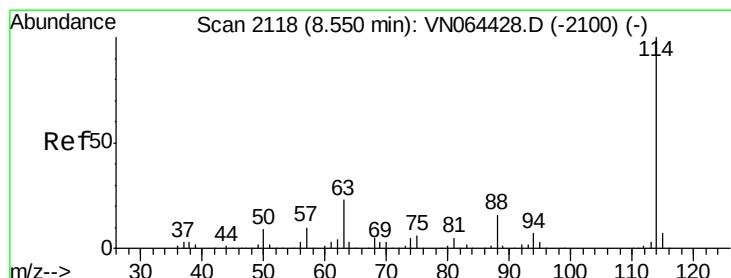
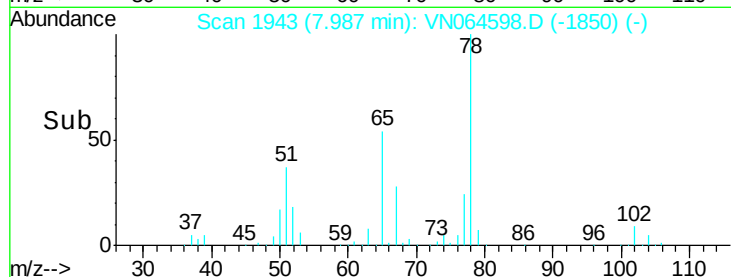
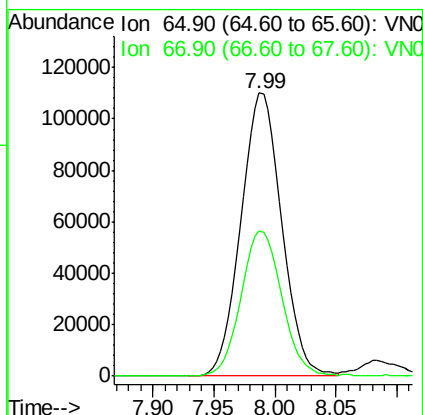
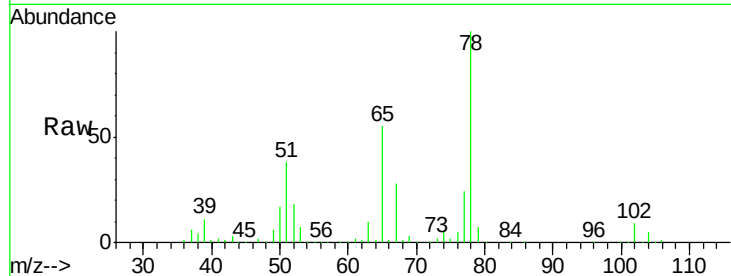




#33
 1,2-Dichloroethane-d4
 Concen: 49.207 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

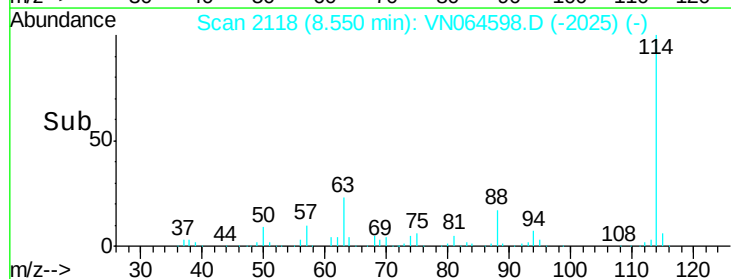
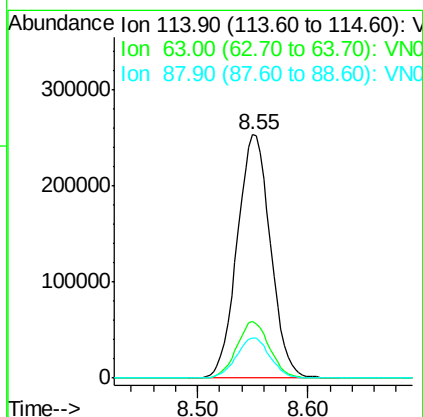
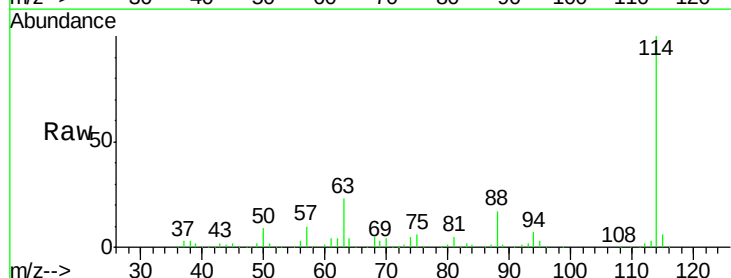
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

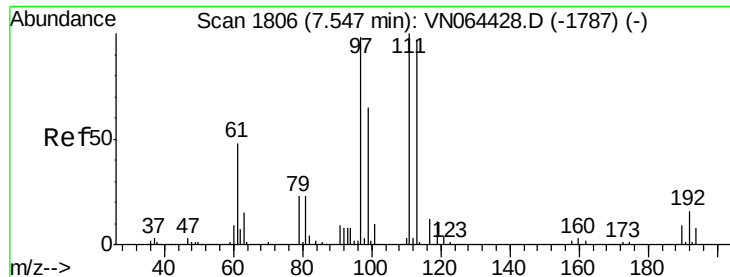
Tot Ion: 65 Resp: 254628
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 114 Resp: 529863
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.5 0.0 32.8

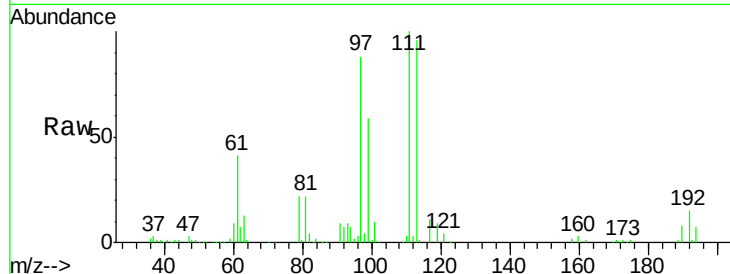




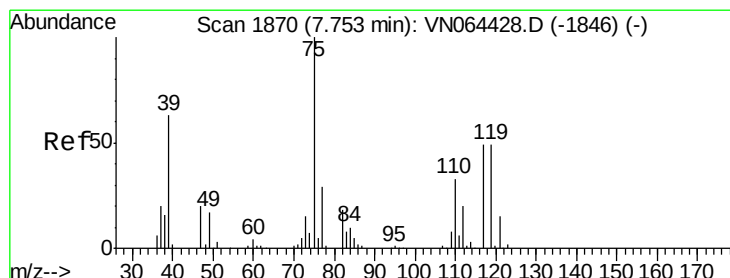
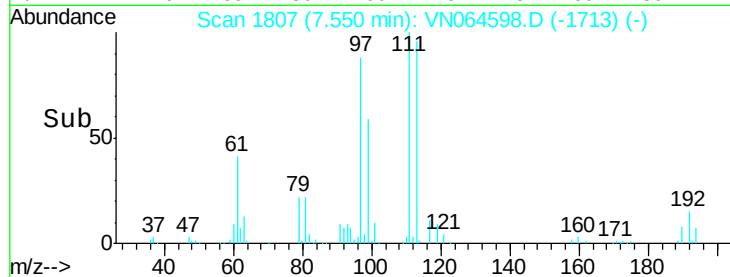
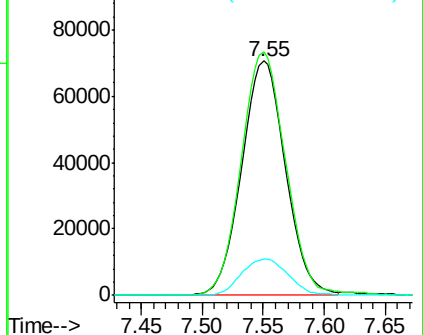
#35
 Dibromofluoromethane
 Concen: 48.653 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 175522
 Ion Ratio Lower Upper
 113 100
 111 105.8 81.1 121.7
 192 16.7 12.8 19.2

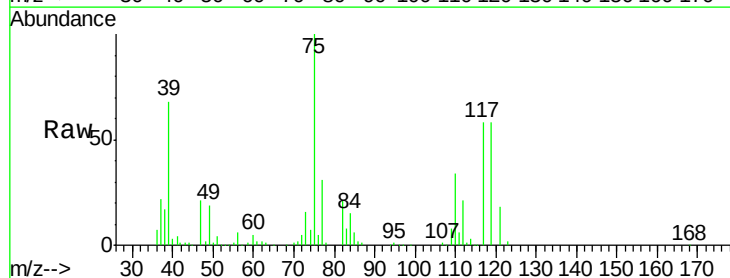


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

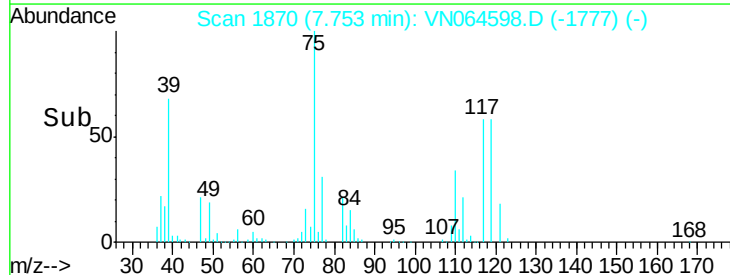
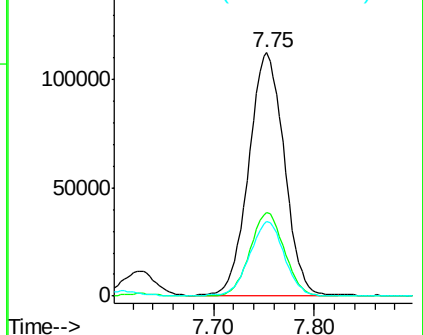


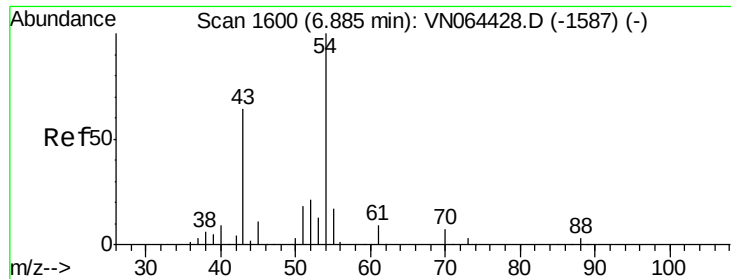
#36
 1,1-Dichloropropene
 Concen: 48.681 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 75 Resp: 272496
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.0 48.0
 77 30.4 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

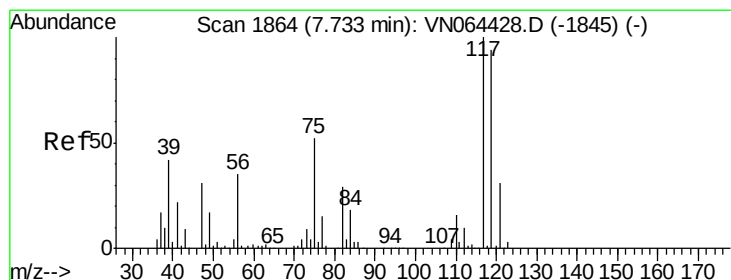
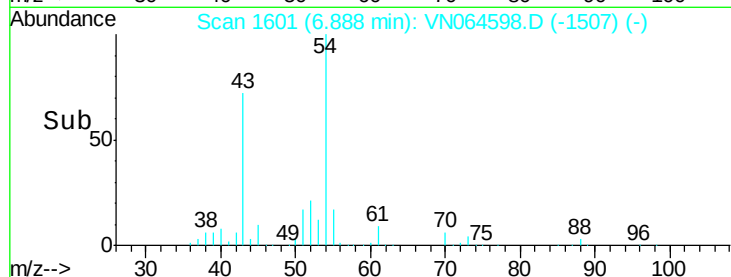
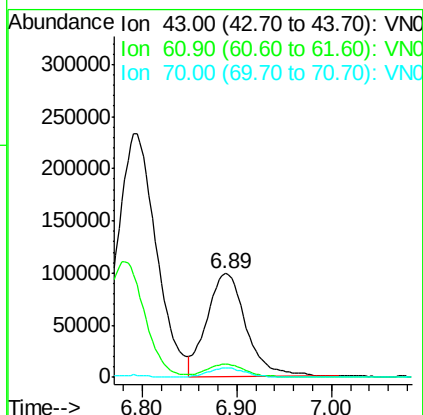
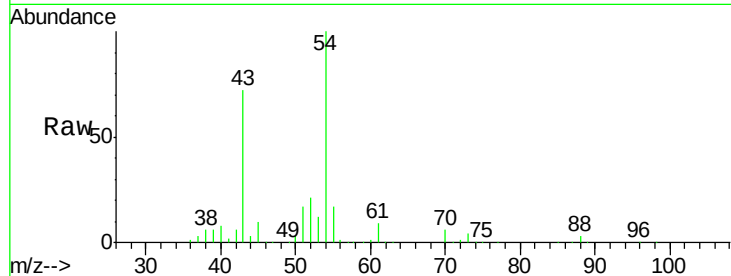




#37
Ethyl Acetate
Concen: 50.073 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

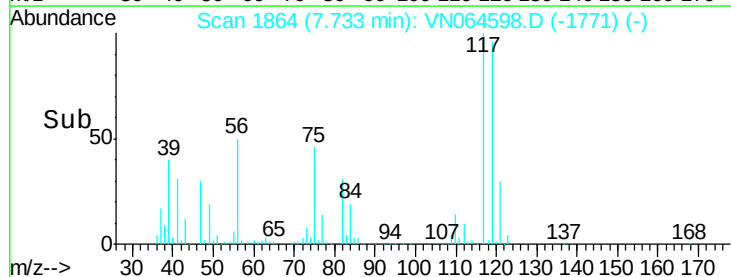
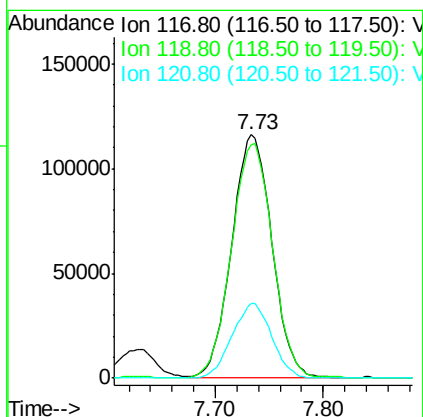
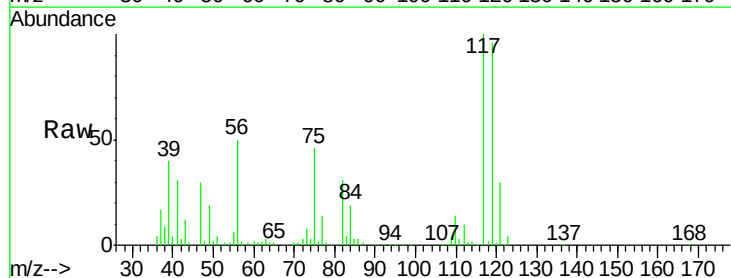
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

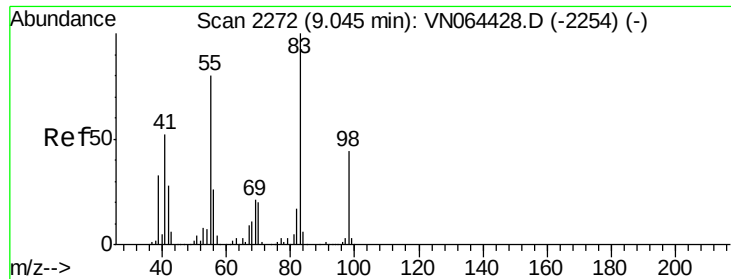
Tot Ion: 43 Resp: 284483
Ion Ratio Lower Upper
43 100
61 12.6 10.0 15.0
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.190 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 117 Resp: 300262
Ion Ratio Lower Upper
117 100
119 95.9 75.5 113.3
121 30.5 24.4 36.6

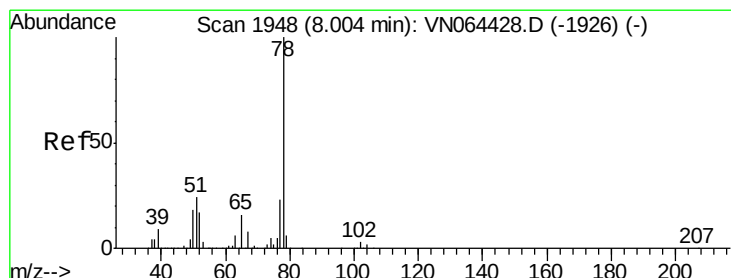
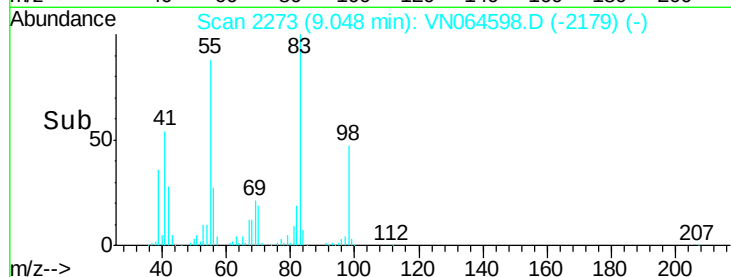
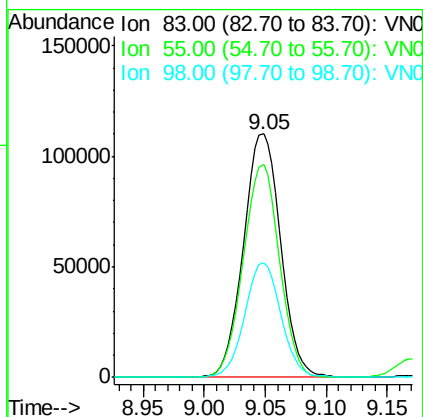
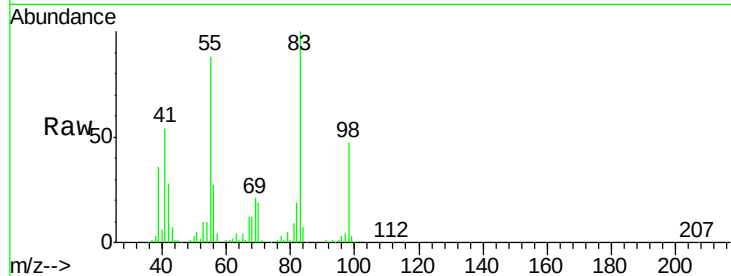




#39
Methylvlcyclohexane
Concen: 46.199 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

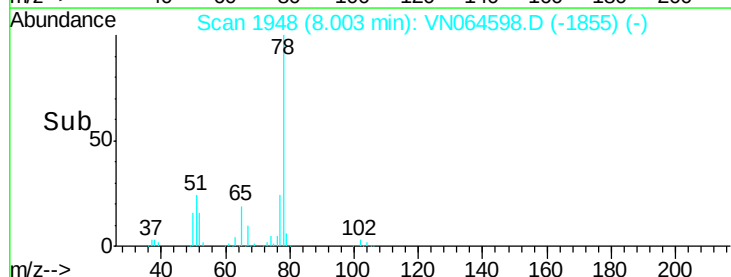
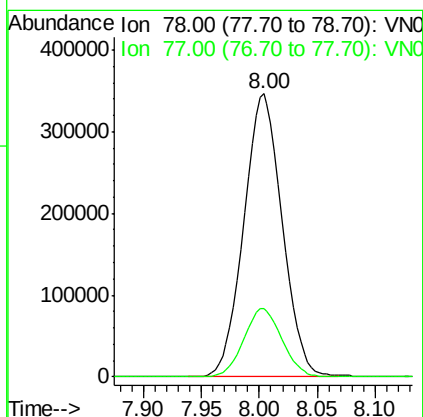
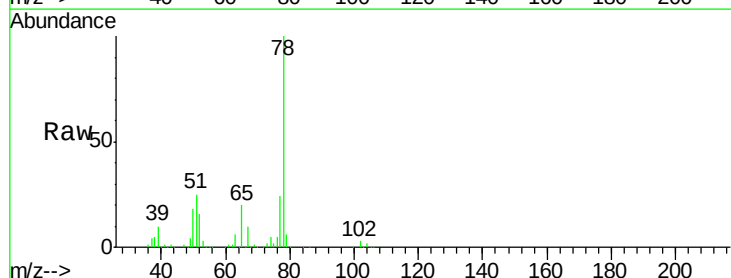
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

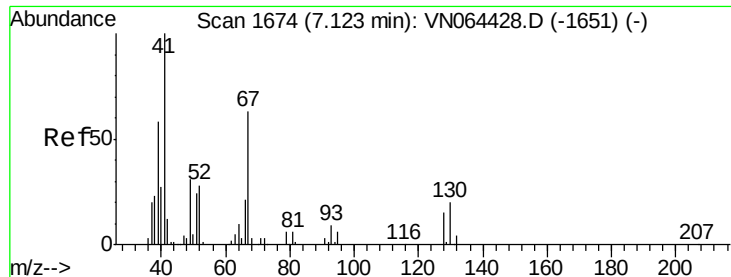
Tot Ion: 83 Resp: 231820
Ion Ratio Lower Upper
83 100
55 87.5 63.8 95.6
98 47.2 35.4 53.2



#40
Benzene
Concen: 48.666 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 78 Resp: 800486
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

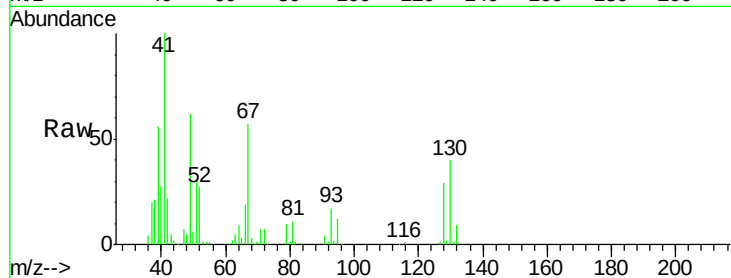




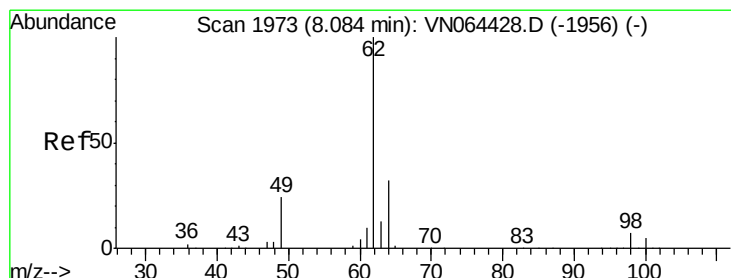
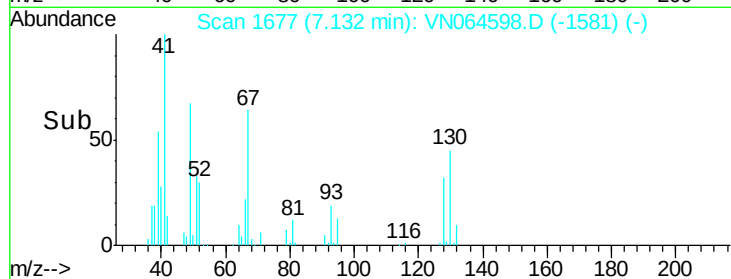
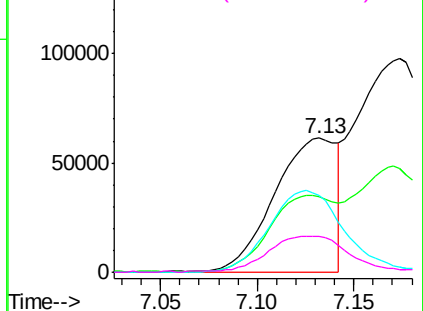
#41
Methacrylonitrile
Concen: 55.187 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	136957
Ion	Ratio	Lower	Upper
41	100		
39	60.0	50.0	75.0
67	74.5	68.3	102.5
52	33.7	32.7	49.1

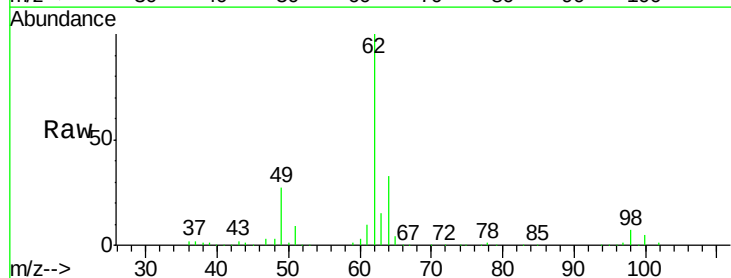


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

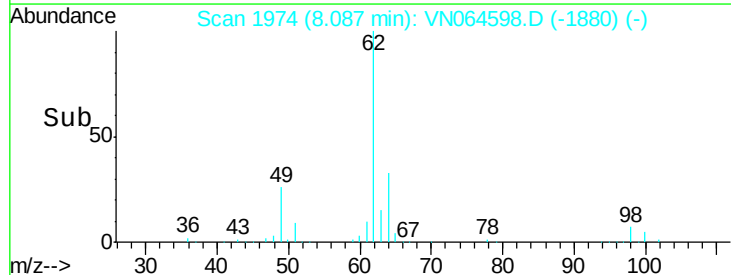
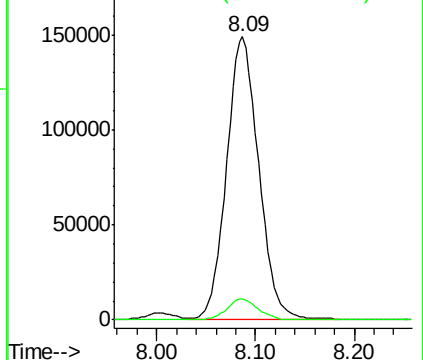


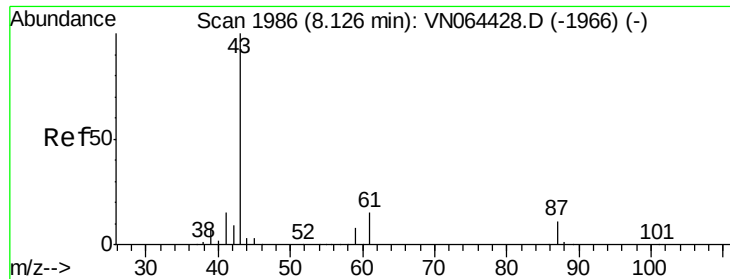
#42
1,2-Dichloroethane
Concen: 50.876 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion:	62	Resp:	337717
Ion	Ratio	Lower	Upper
62	100		
98	7.4	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: 52.202 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

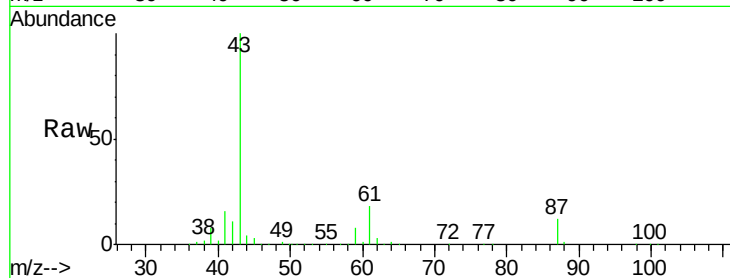
Tot Ion: 43 Resp: 473545

Ion Ratio Lower Upper

43 100

61 17.7 14.0 21.0

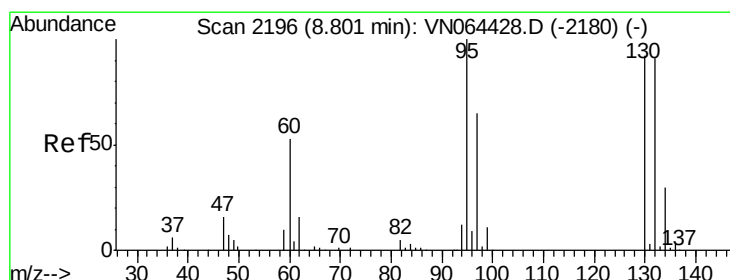
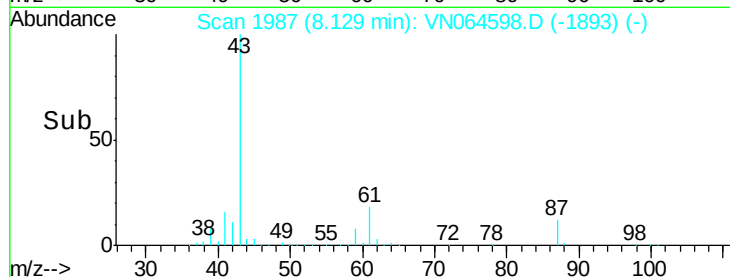
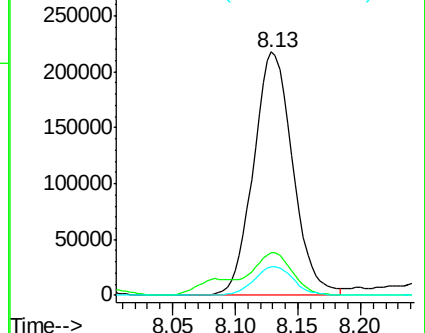
87 11.9 9.1 13.7



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

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

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



#44

Trichloroethene

Concen: 49.012 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064598.D

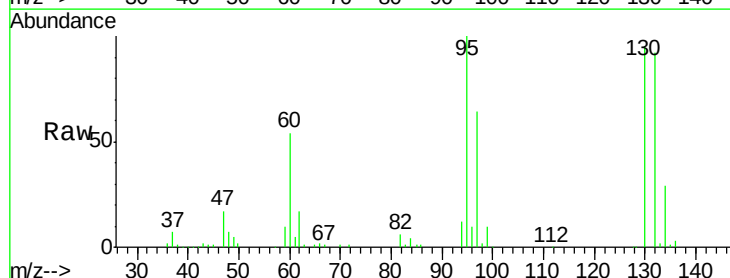
Acq: 12 Nov 2020 22:29

Tgt Ion:130 Resp: 203400

Ion Ratio Lower Upper

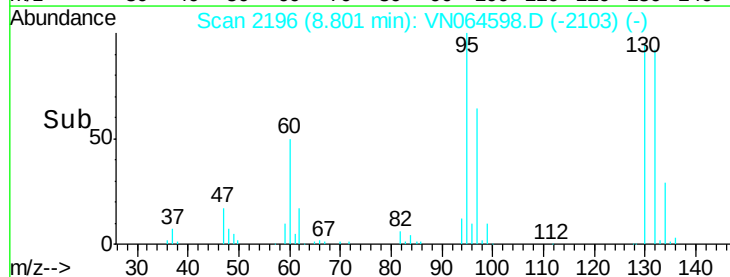
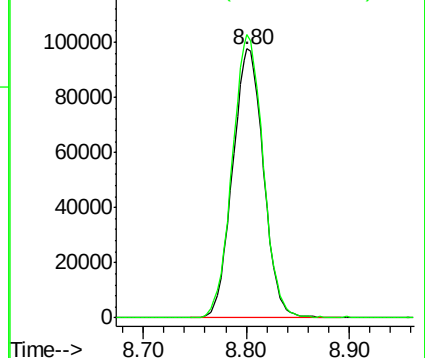
130 100

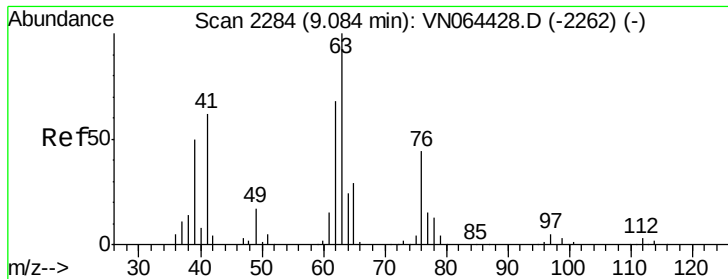
95 105.3 0.0 216.8



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

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

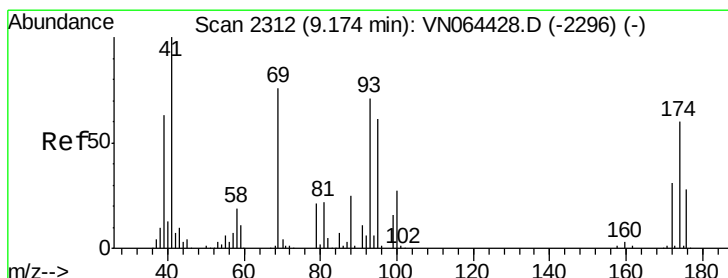
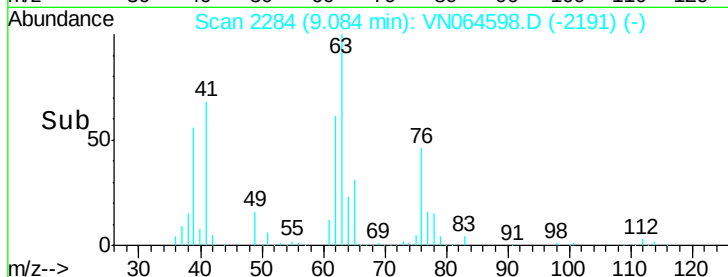
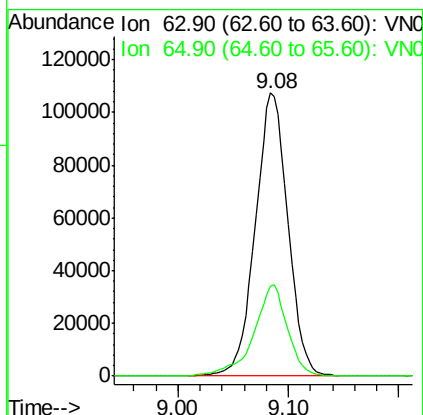
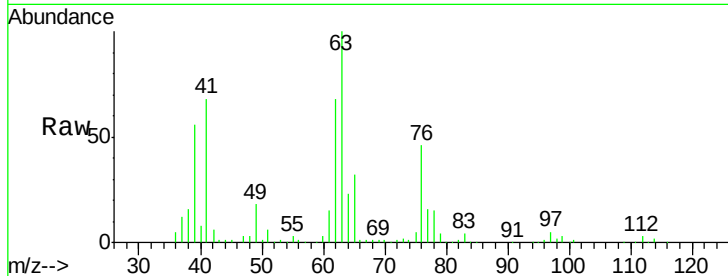




#45
 1,2-Dichloropropane
 Concen: 50.010 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

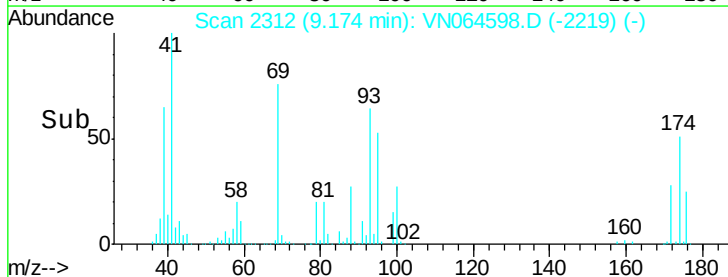
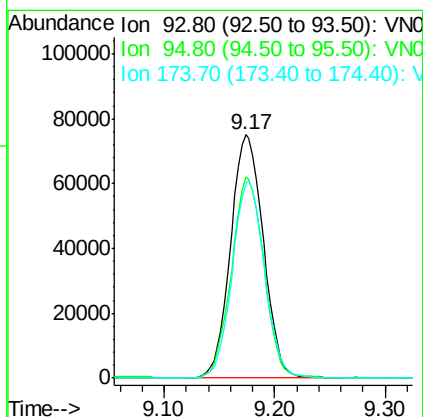
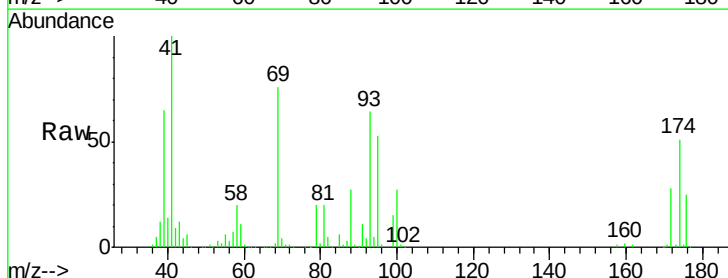
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

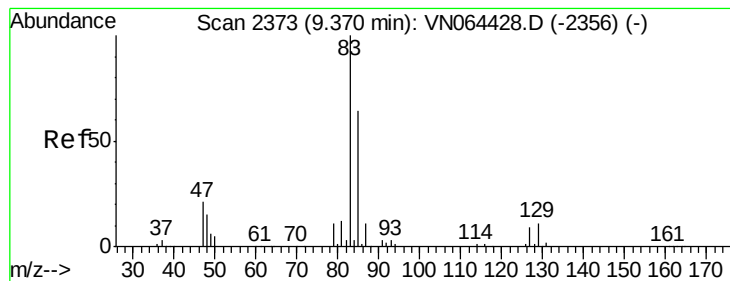
Tot Ion: 63 Resp: 219488
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.6 35.4



#46
 Dibromomethane
 Concen: 53.484 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 93 Resp: 154525
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.4 99.6
 174 80.0 67.2 100.8





#47

Bromodichloromethane

Concen: 53.095 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

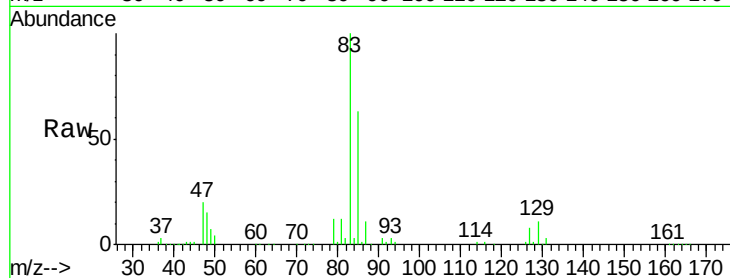
Tot Ion: 83 Resp: 329844

Ion Ratio Lower Upper

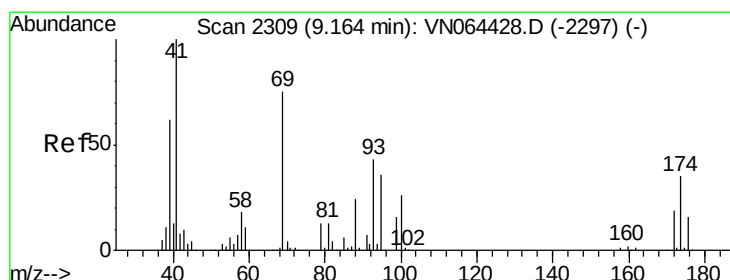
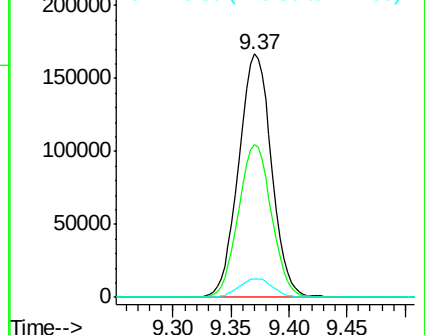
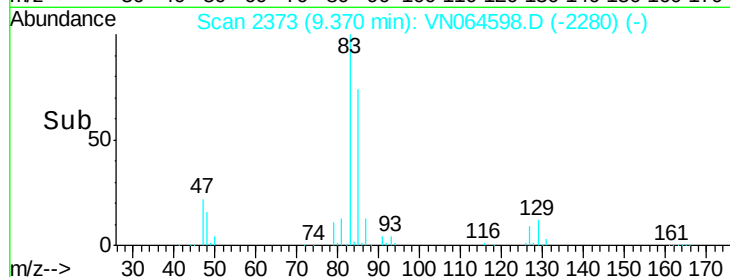
83 100

85 62.9 51.2 76.8

127 7.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064598.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.270 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

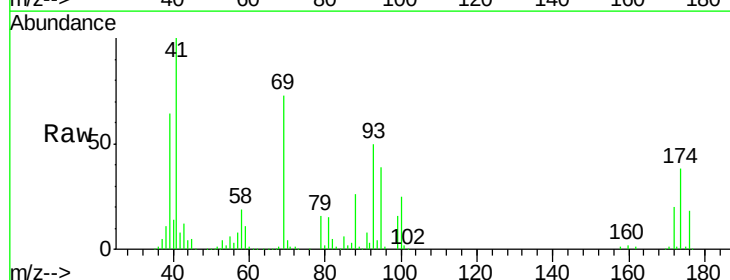
Tgt Ion: 41 Resp: 243843

Ion Ratio Lower Upper

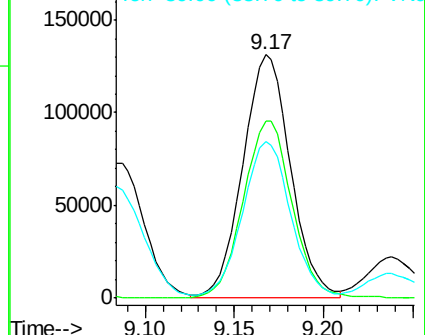
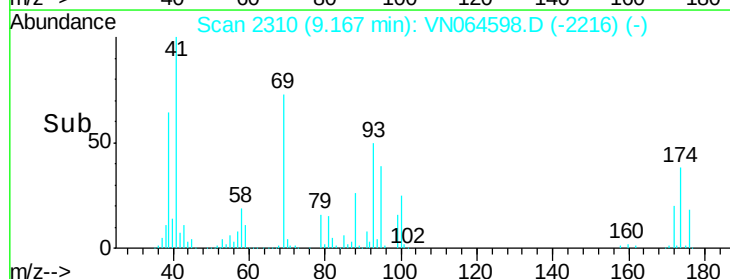
41 100

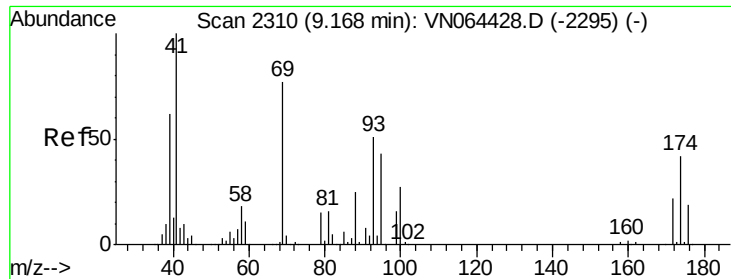
69 74.9 60.4 90.6

39 64.7 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VN064598.D (-2216) (-)

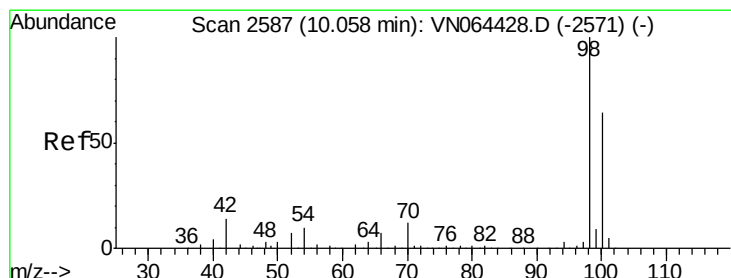
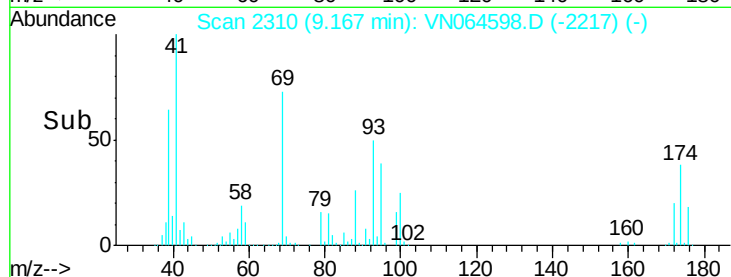
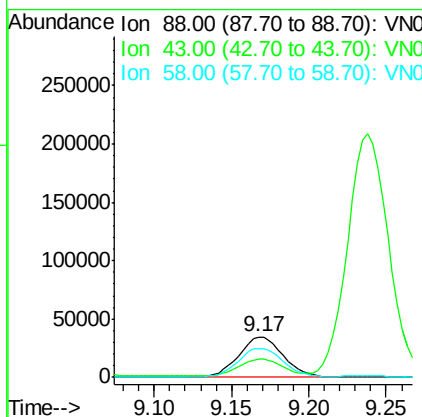
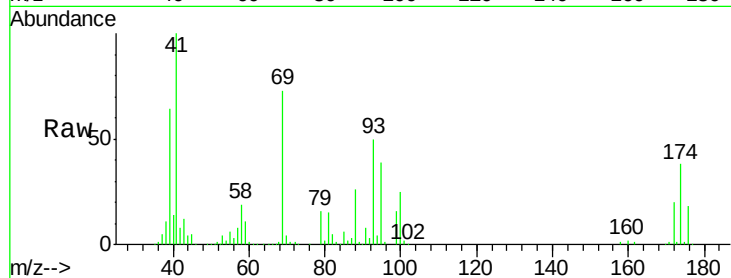




#49
1,4-Dioxane
Concen: 1156.526 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

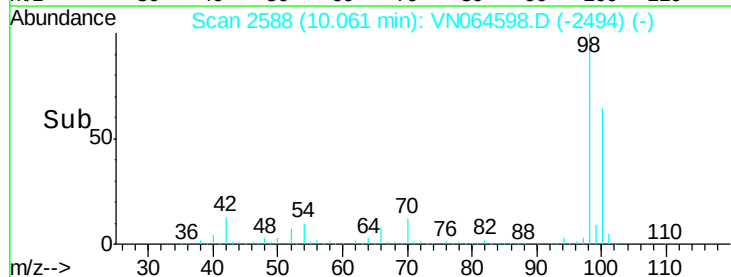
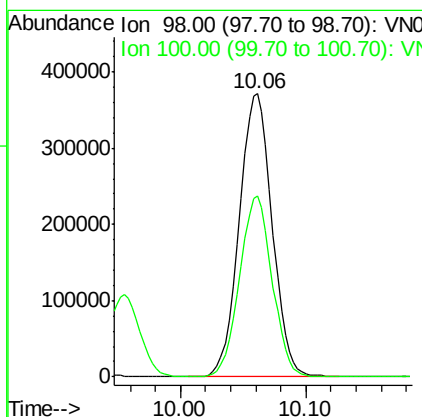
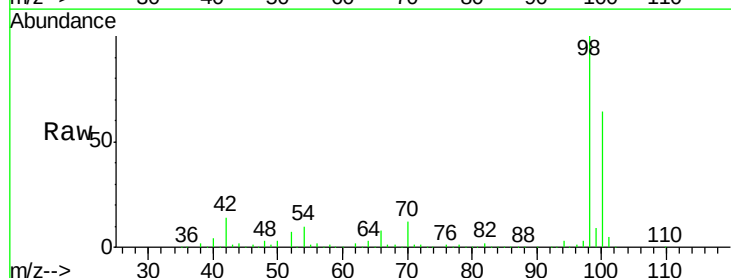
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

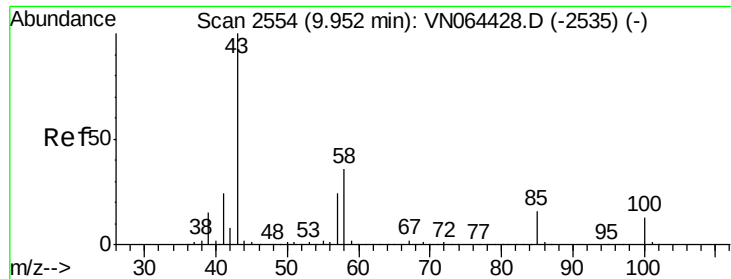
Tot Ion: 88 Resp: 69729
Ion Ratio Lower Upper
88 100
43 41.1 31.0 46.6
58 73.7 58.4 87.6



#50
Toluene-d8
Concen: 48.589 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 98 Resp: 677503
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 287.481 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

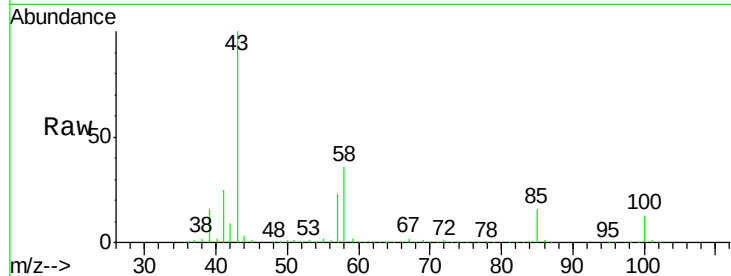
VSTDCCC050

Tot Ion: 43 Resp: 1520834

Ion Ratio Lower Upper

43 100

58 35.8 28.4 42.6



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

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

9.96

800000

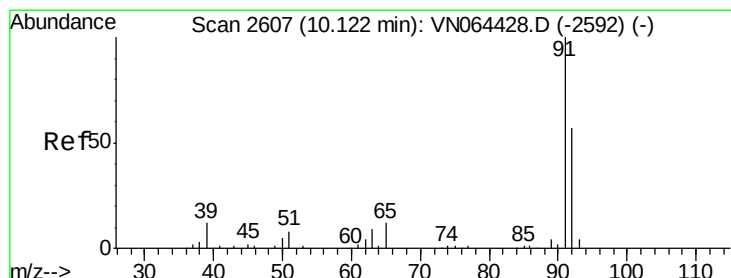
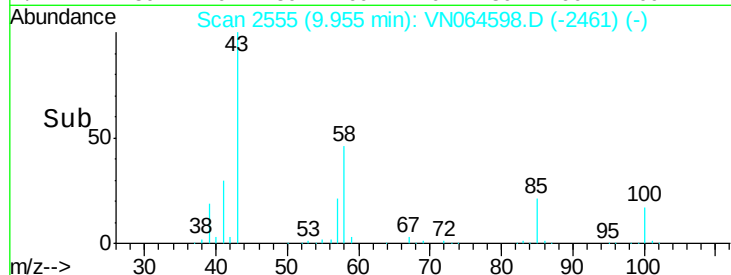
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.725 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064598.D

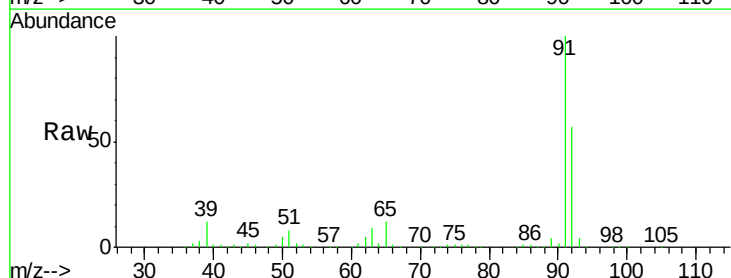
Acq: 12 Nov 2020 22:29

Tgt Ion: 92 Resp: 508891

Ion Ratio Lower Upper

92 100

91 176.6 139.6 209.4



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

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

10.13

500000

400000

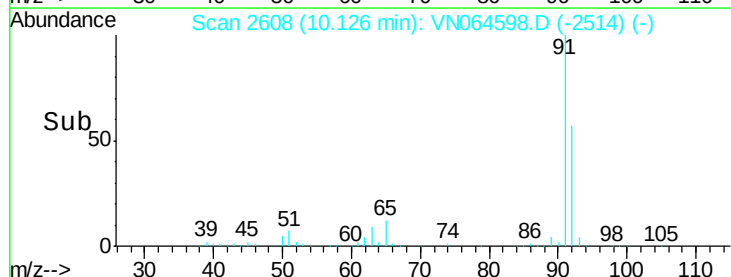
300000

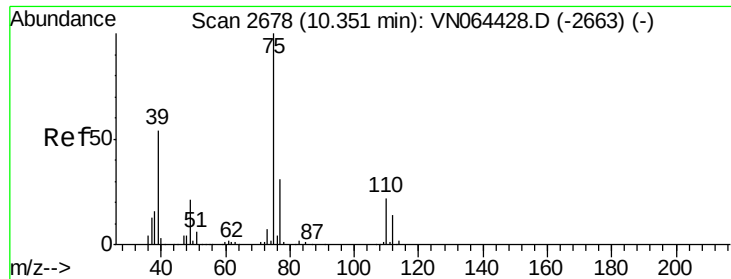
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.454 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

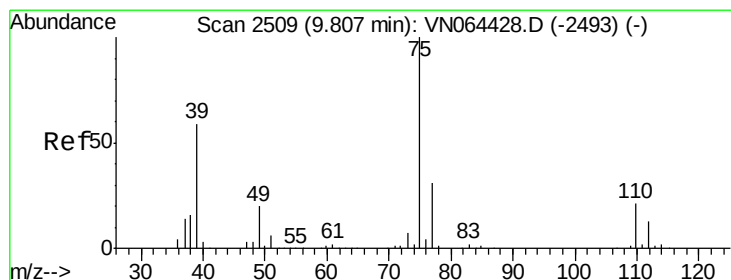
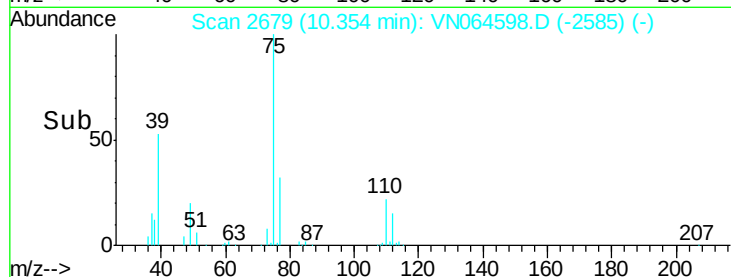
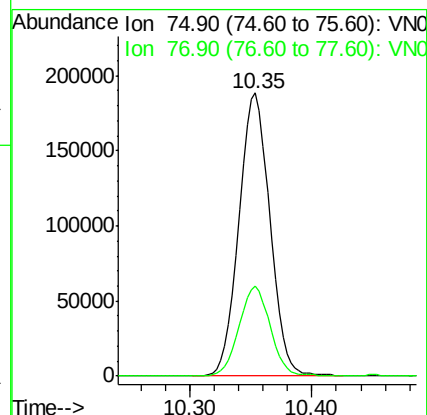
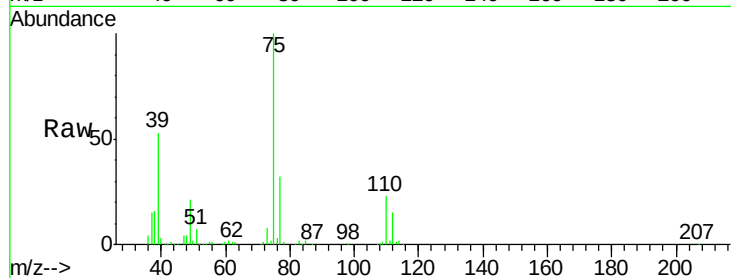
VSTDCCC050

Tot Ion: 75 Resp: 332297

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 50.211 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

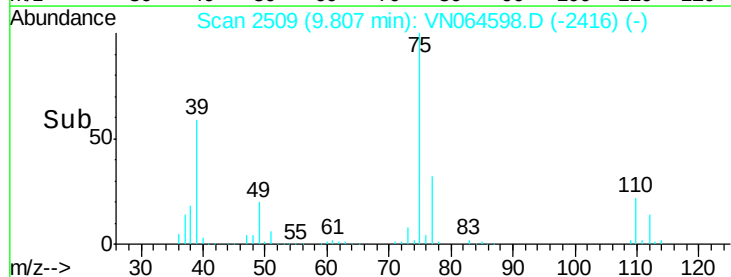
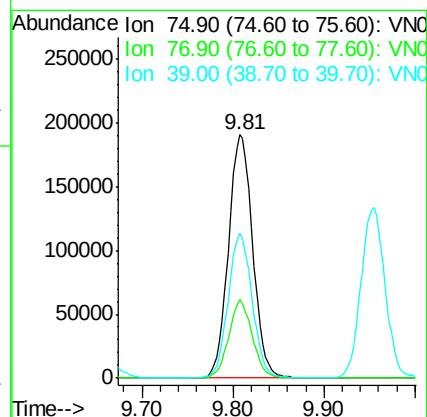
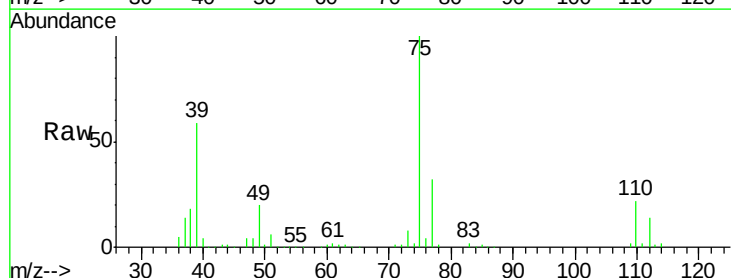
Tgt Ion: 75 Resp: 353569

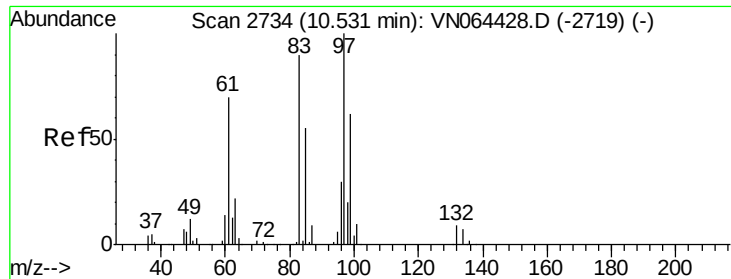
Ion Ratio Lower Upper

75 100

77 32.1 24.9 37.3

39 59.2 47.1 70.7

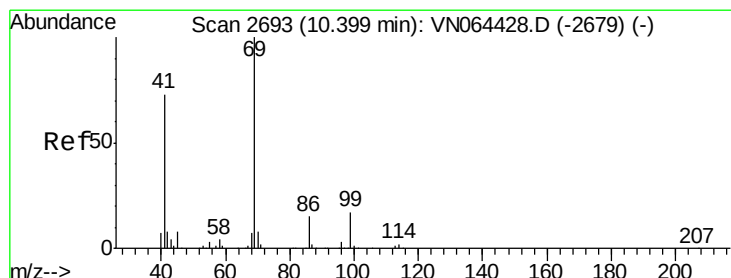
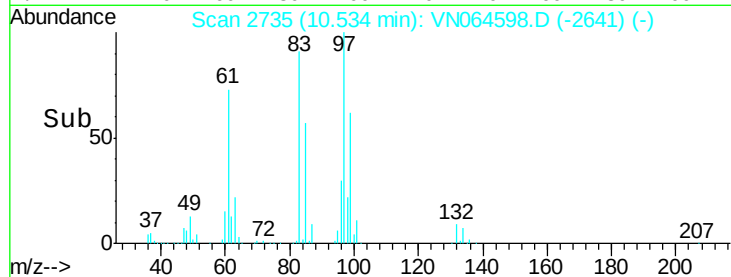
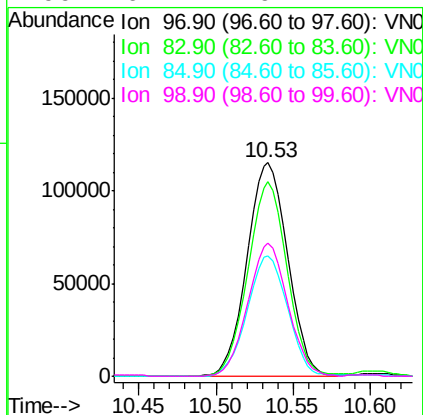
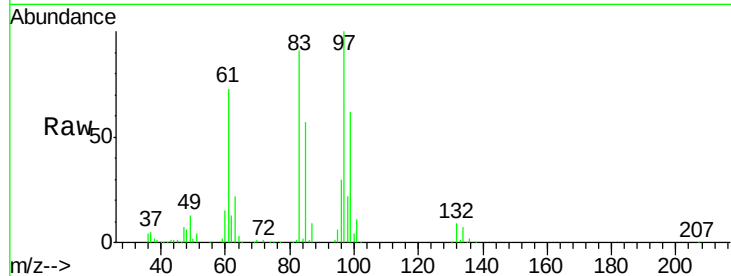




#55
 1,1,2-Trichloroethane
 Concen: 53.999 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

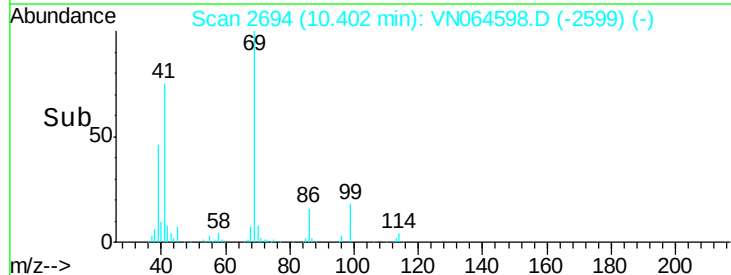
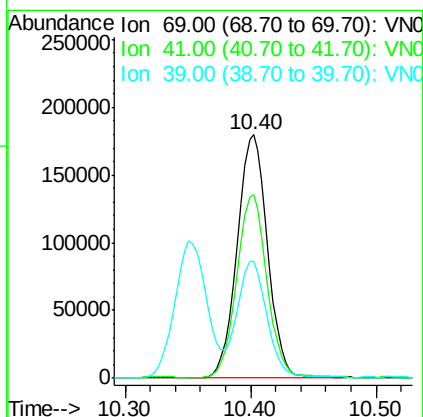
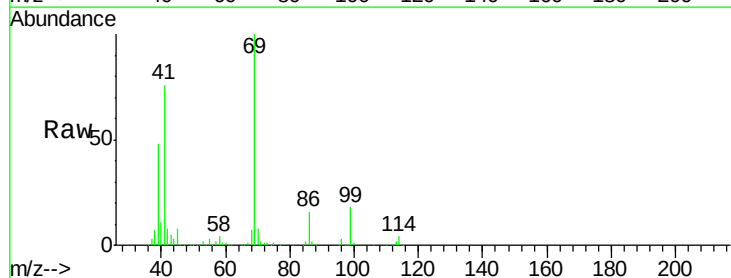
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

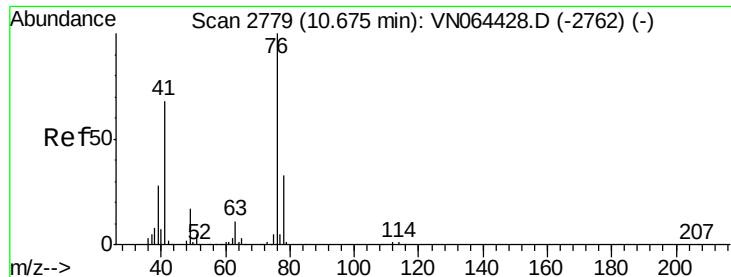
Tot Ion:	97	Resp:	211275
Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.7	107.5
85	56.6	44.3	66.5
99	62.4	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 47.119 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion:	69	Resp:	302607
Ion	Ratio	Lower	Upper
69	100		
41	74.4	59.3	88.9
39	47.1	35.4	53.0

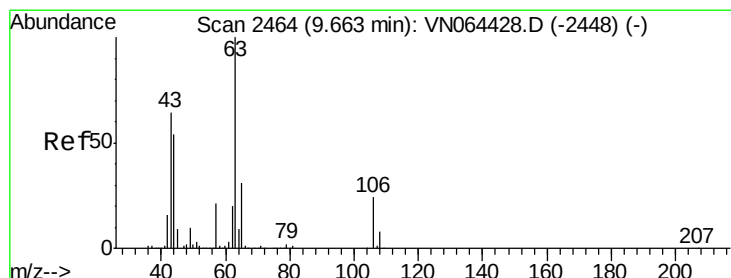
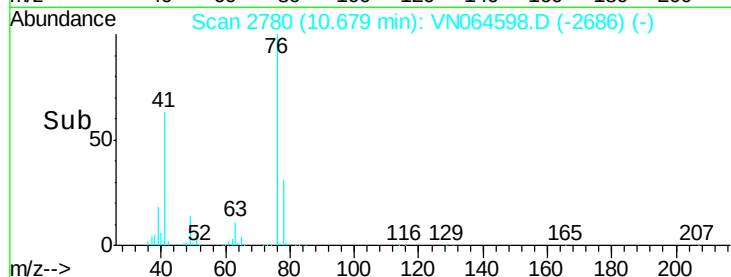
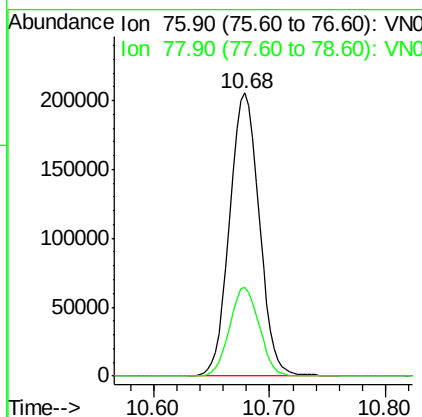
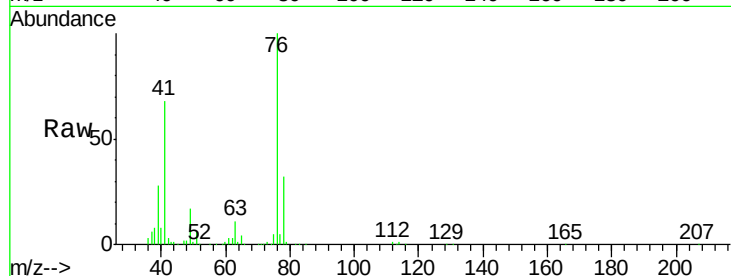




#57
 1,3-Dichloropropane
 Concen: 53.045 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

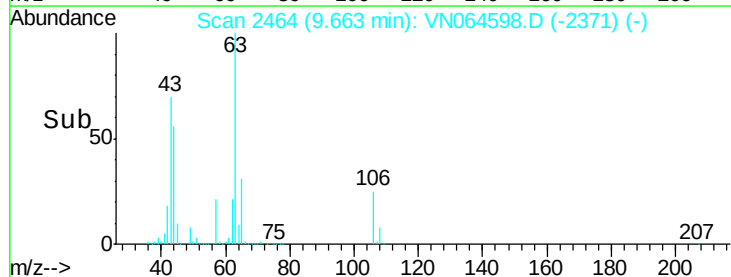
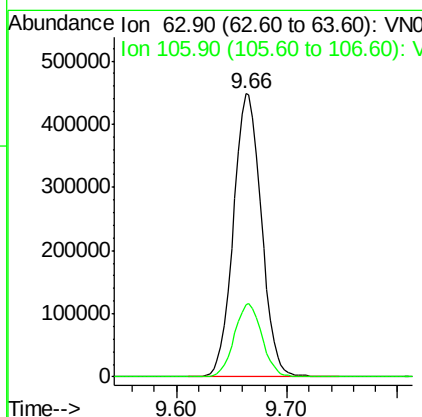
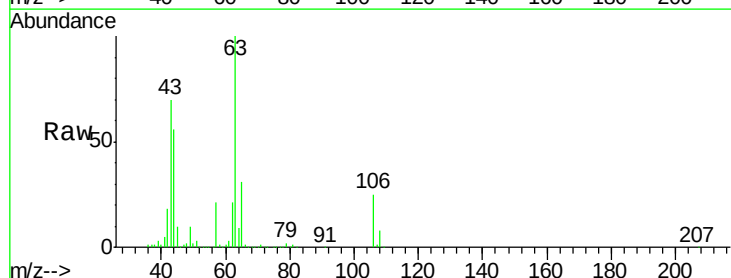
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

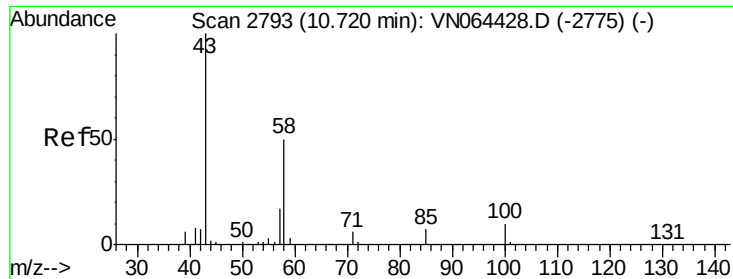
Tot Ion: 76 Resp: 362257
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.409 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 63 Resp: 788427
 Ion Ratio Lower Upper
 63 100
 106 25.7 19.5 29.3

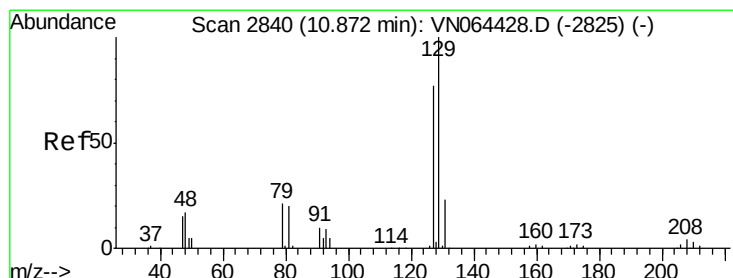
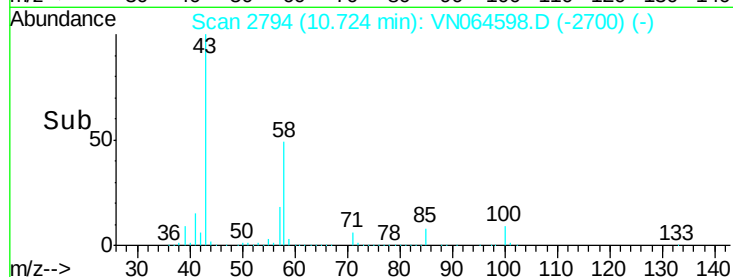
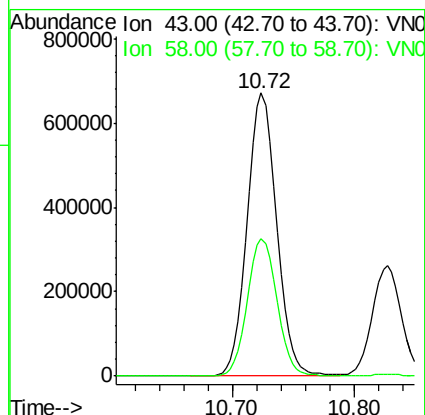
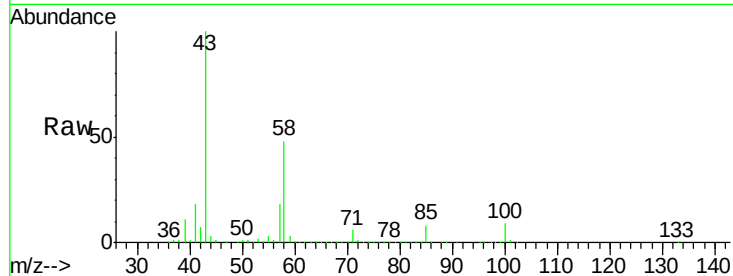




#59
2-Hexanone
Concen: 257.557 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

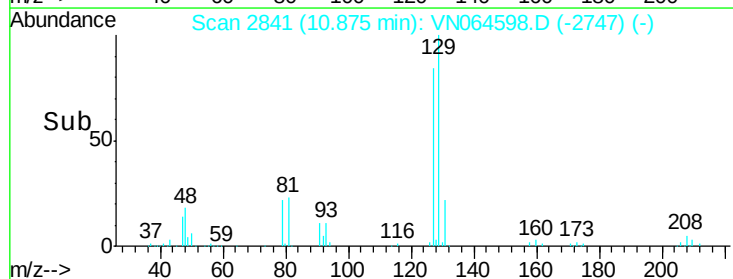
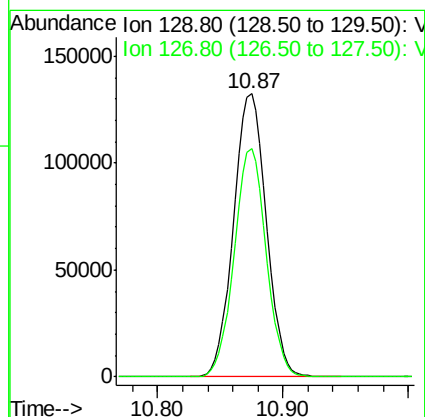
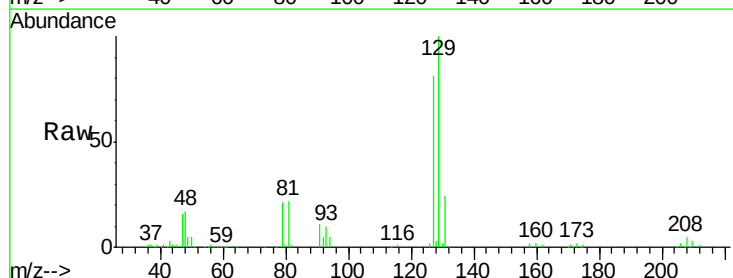
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

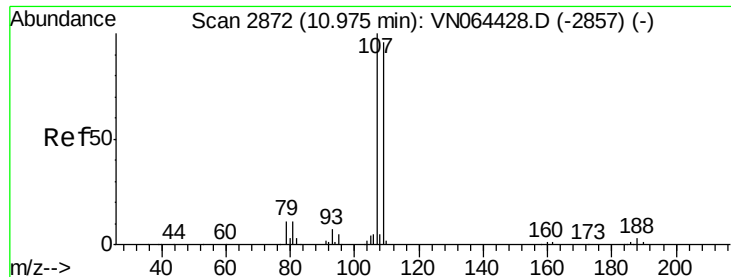
Tot Ion: 43 Resp: 1111592
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 54.966 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 129 Resp: 240780
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.790 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampled :

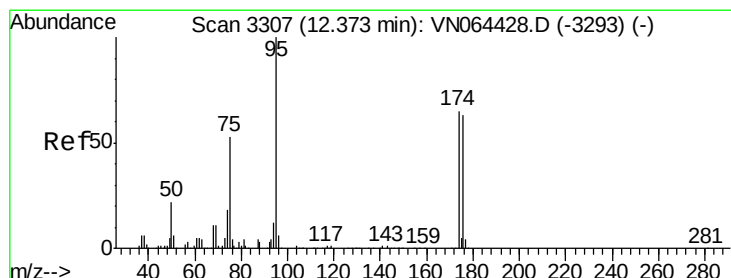
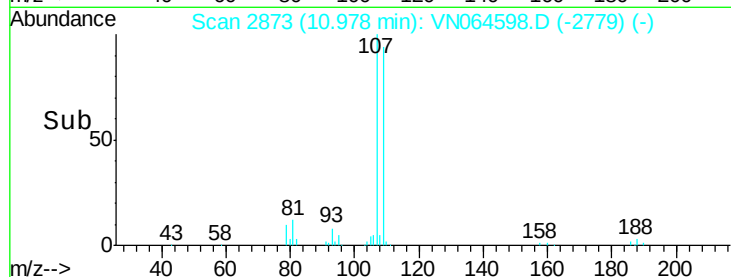
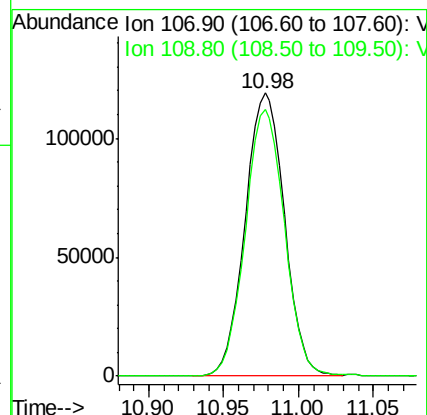
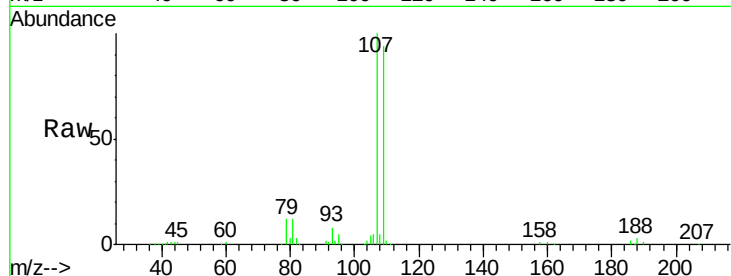
VSTDCCC050

Tot Ion: 107 Resp: 217437

Ion Ratio Lower Upper

107 100

109 94.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.459 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

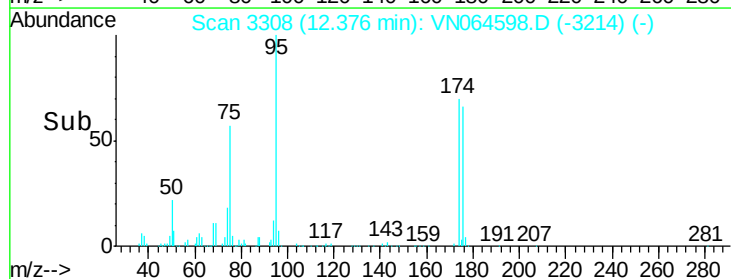
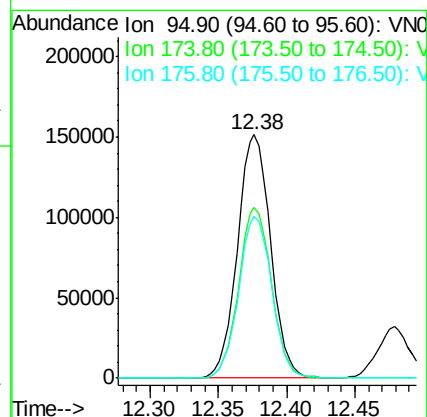
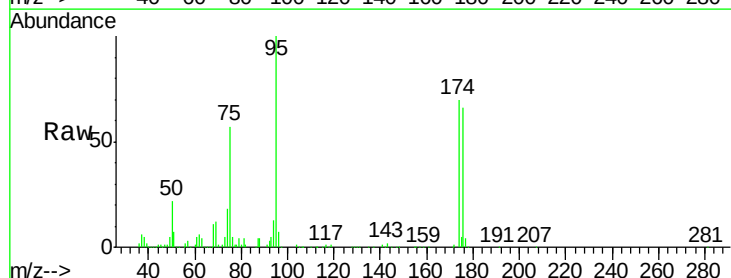
Tgt Ion: 95 Resp: 255539

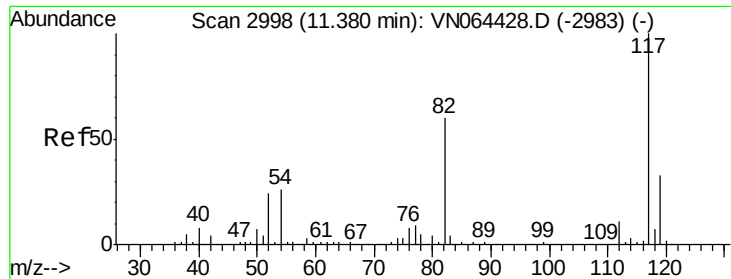
Ion Ratio Lower Upper

95 100

174 69.6 0.0 132.6

176 66.4 0.0 129.2

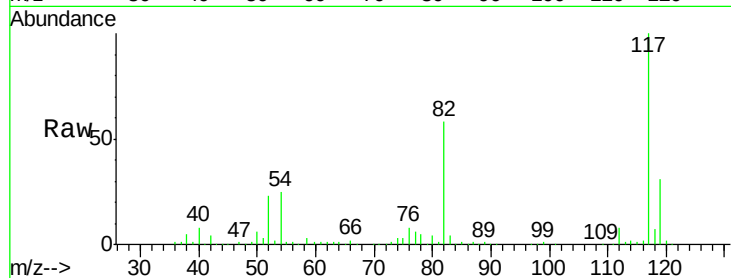




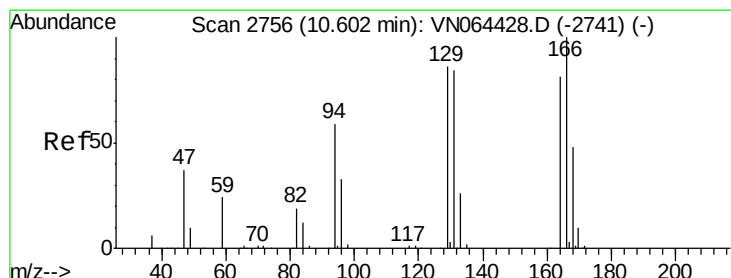
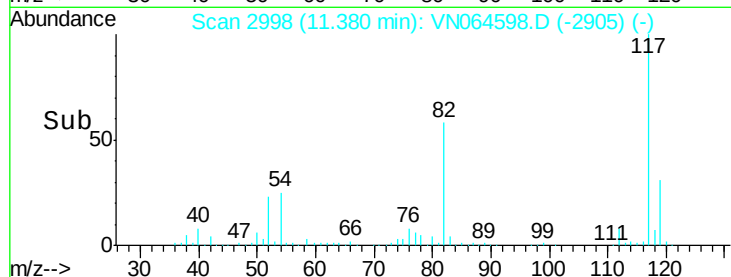
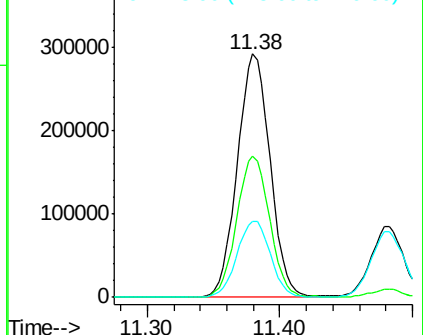
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 503255
Ion Ratio Lower Upper
117 100
82 58.0 48.1 72.1
119 31.4 26.2 39.4

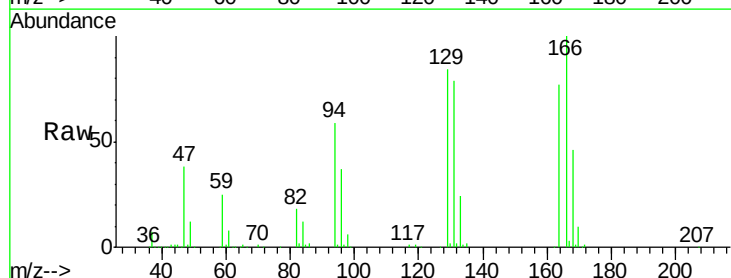


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

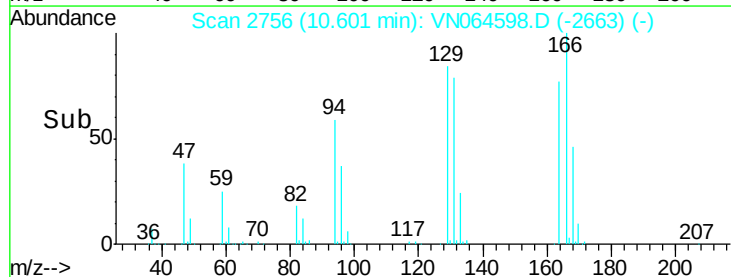
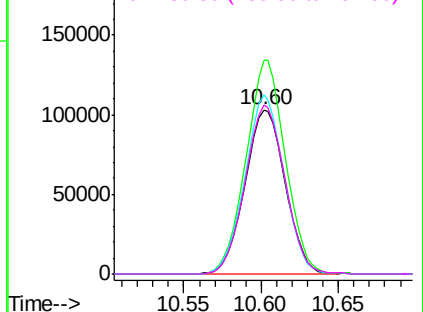


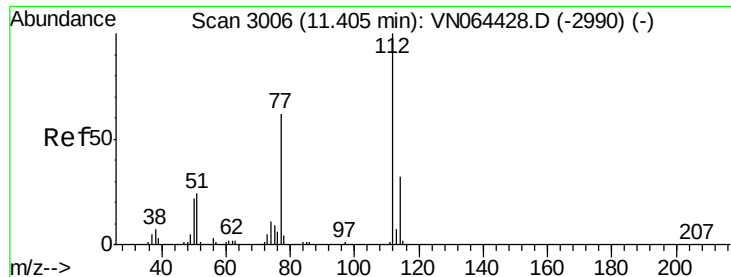
#64
Tetrachloroethene
Concen: 48.081 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion:164 Resp: 186388
Ion Ratio Lower Upper
164 100
166 130.1 98.2 147.2
129 109.0 84.6 127.0
131 102.6 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: 49.150 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

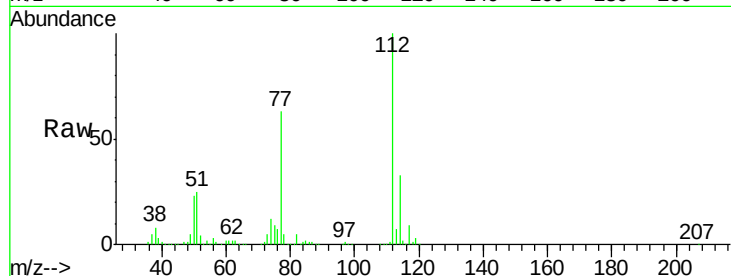
VSTDCCC050

Tot Ion:112 Resp: 542241

Ion Ratio Lower Upper

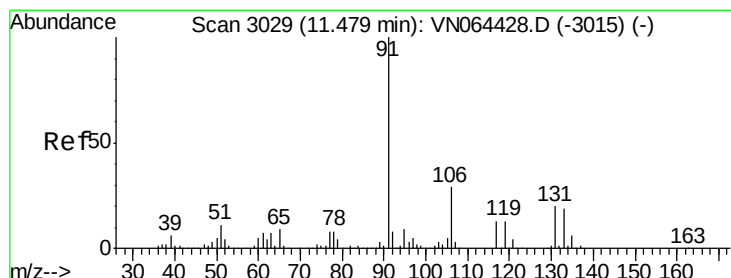
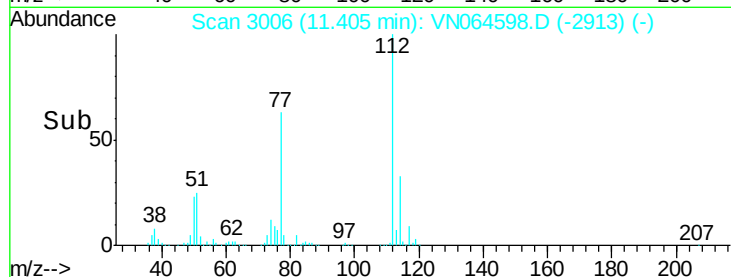
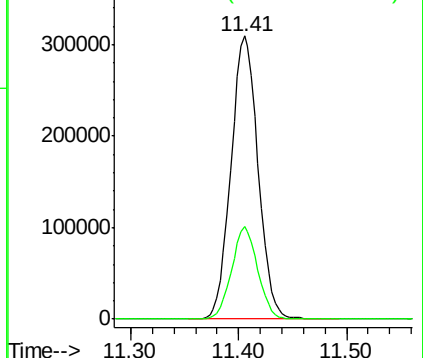
112 100

114 32.6 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: 52.935 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

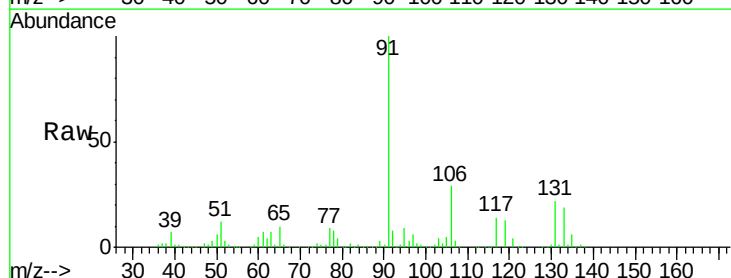
Tgt Ion:131 Resp: 217869

Ion Ratio Lower Upper

131 100

133 93.1 46.9 140.7

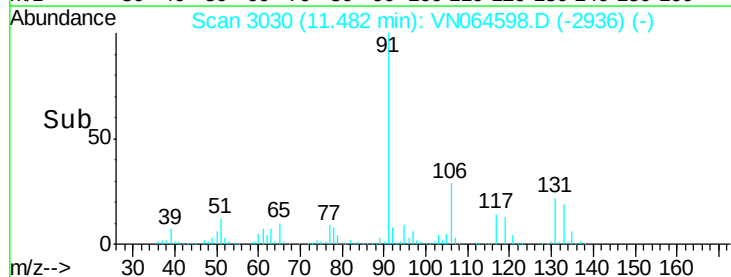
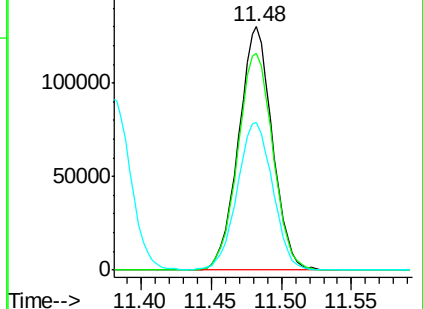
119 63.5 32.1 96.5

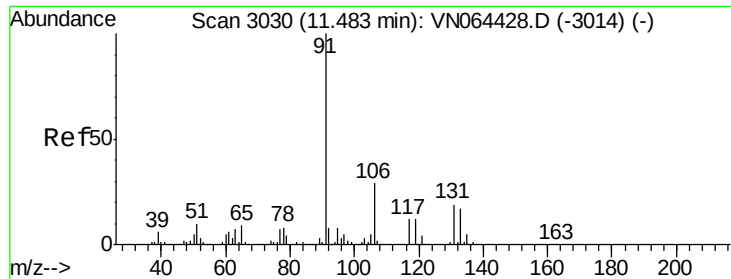


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

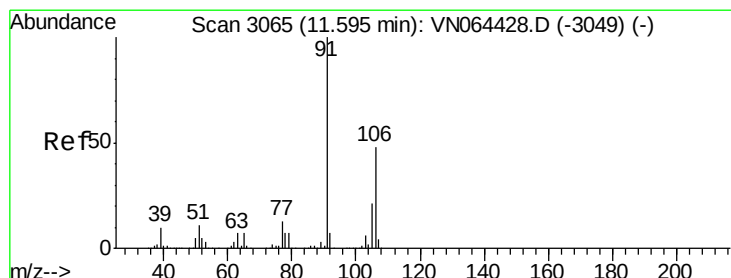
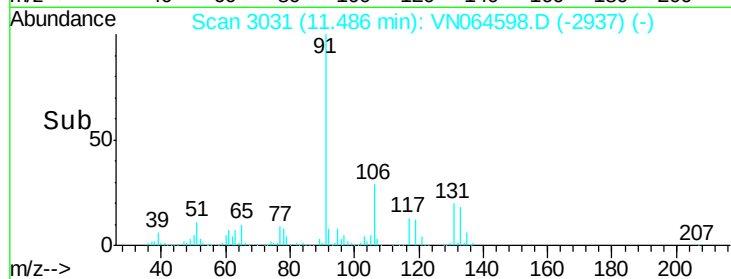
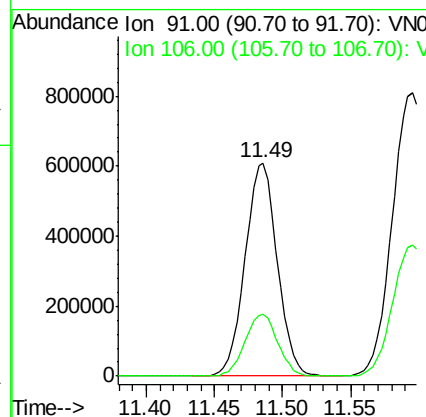
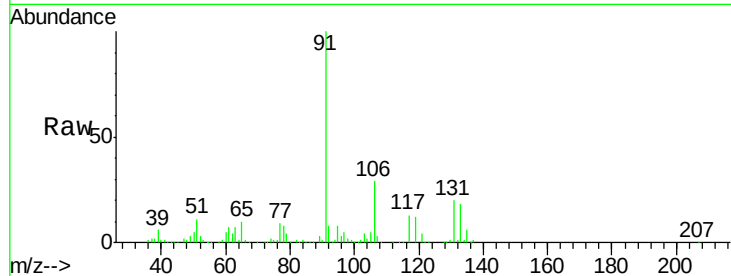




#67
Ethyl Benzene
Concen: 50.789 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

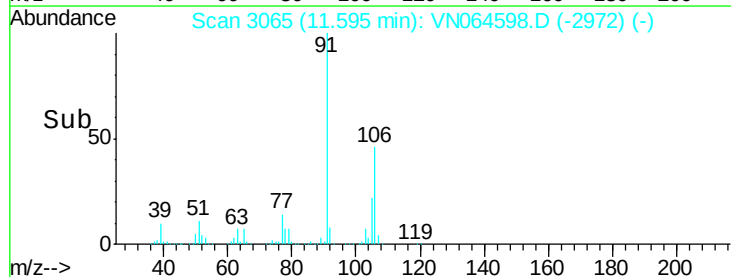
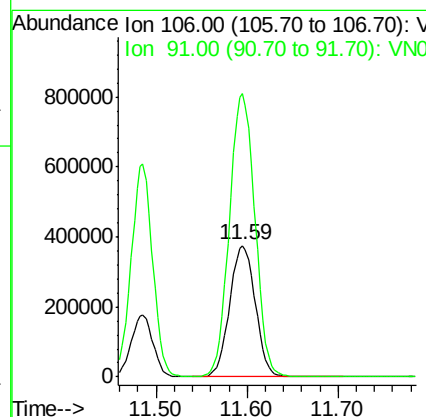
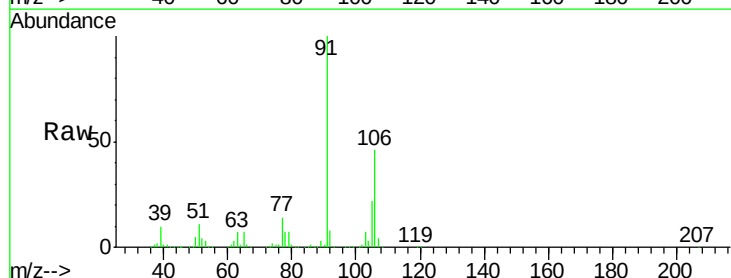
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

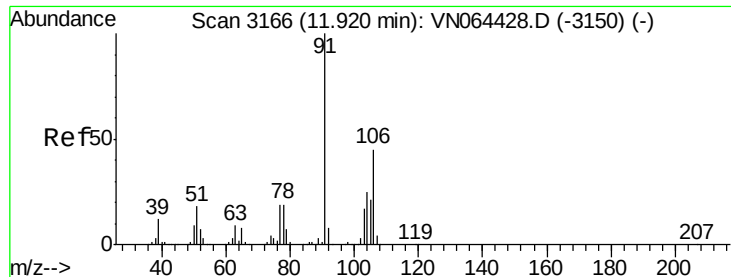
Tot Ion: 91 Resp: 996683
Ion Ratio Lower Upper
91 100
106 29.1 23.6 35.4



#68
m/p-Xylenes
Concen: 103.021 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 106 Resp: 733180
Ion Ratio Lower Upper
106 100
91 214.2 169.4 254.2

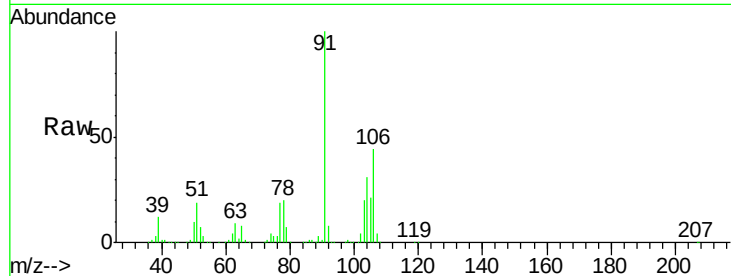




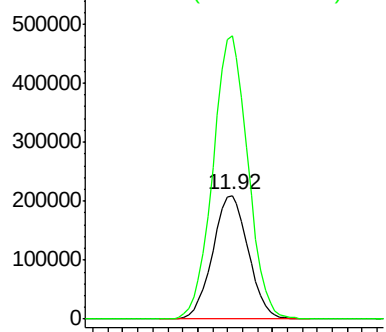
#69
o-Xylene
Concen: 50.501 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

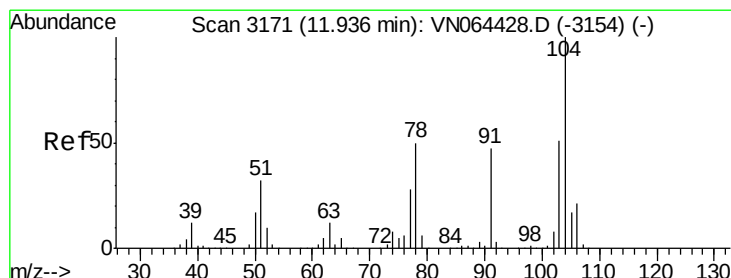
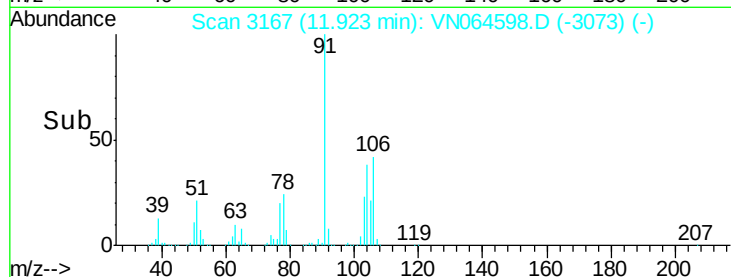
Tot Ion:106 Resp: 347302
Ion Ratio Lower Upper
106 100
91 225.5 111.7 334.9



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

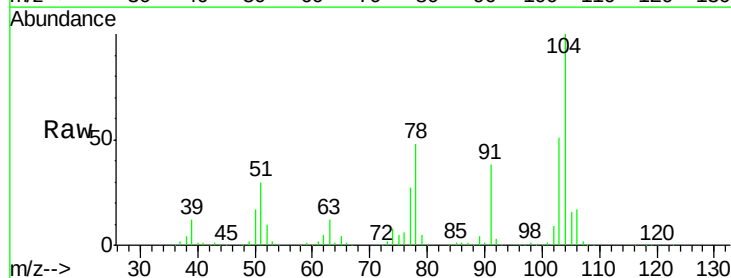


Time-->

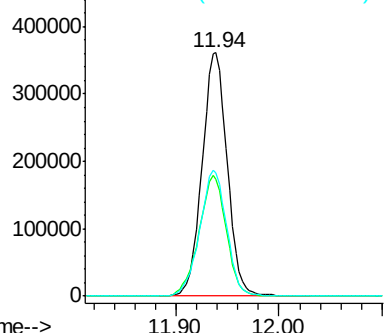


#70
Styrene
Concen: 53.166 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

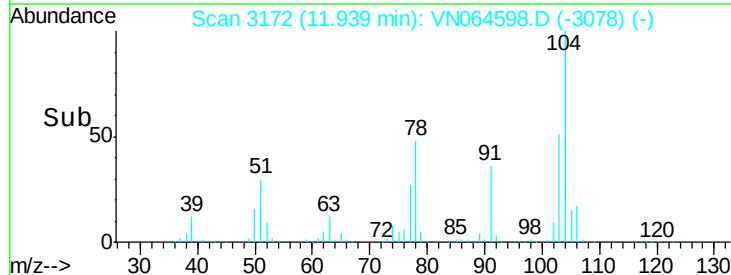
Tgt Ion:104 Resp: 615252
Ion Ratio Lower Upper
104 100
78 53.7 44.0 66.0
103 55.4 43.8 65.6

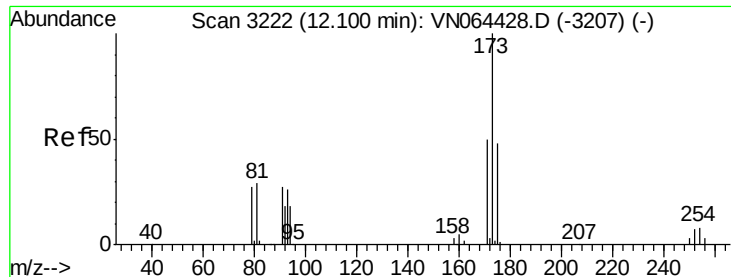


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 52.243 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

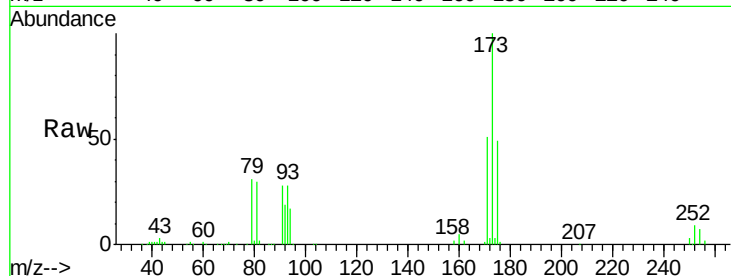
Tot Ion:173 Resp: 161634

Ion Ratio Lower Upper

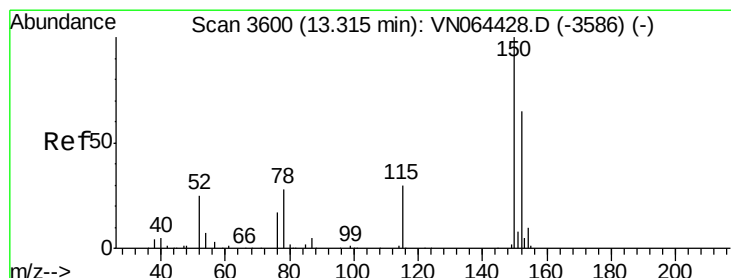
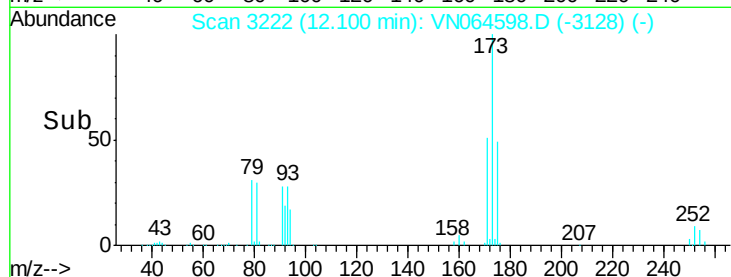
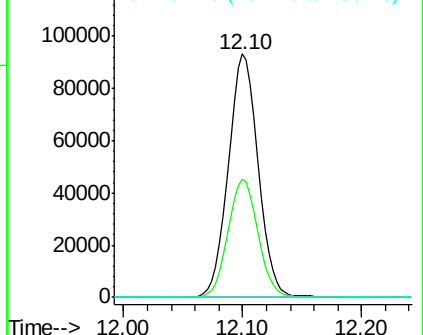
173 100

175 48.8 23.7 71.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

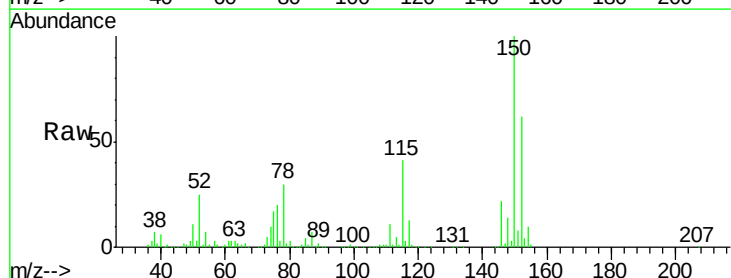
Tgt Ion:152 Resp: 240461

Ion Ratio Lower Upper

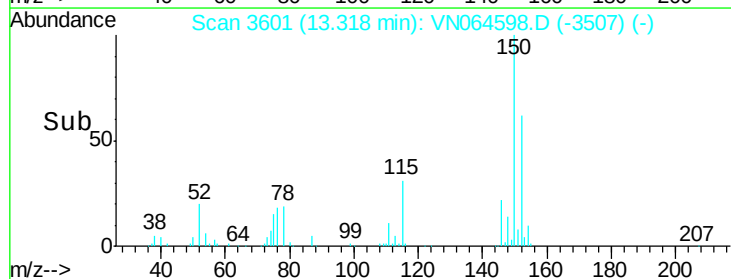
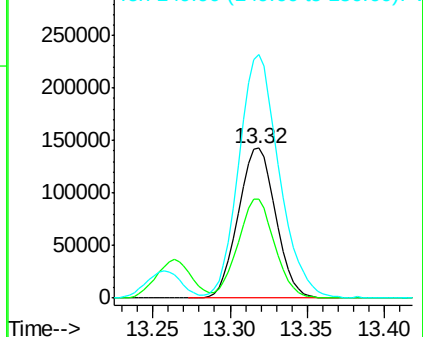
152 100

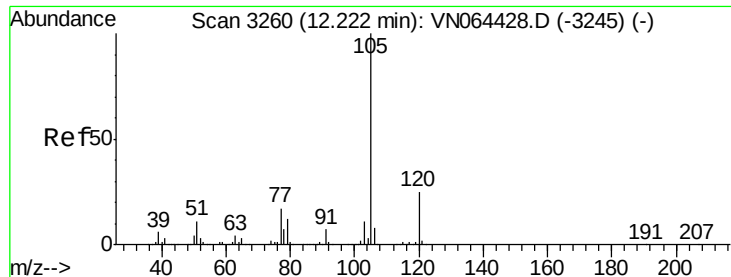
115 64.6 32.0 96.0

150 174.4 0.0 353.8



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





#73

Isopropylbenzene

Concen: 48.070 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

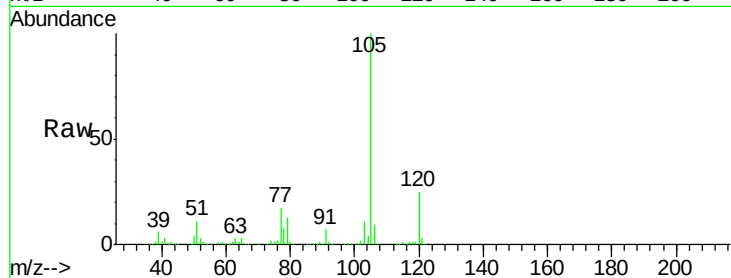
VSTDCCC050

Tot Ion:105 Resp: 918742

Ion Ratio Lower Upper

105 100

120 25.6 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

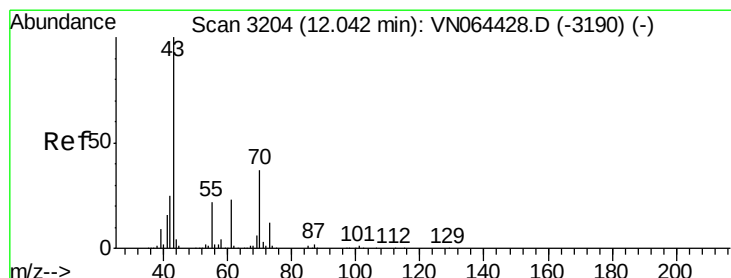
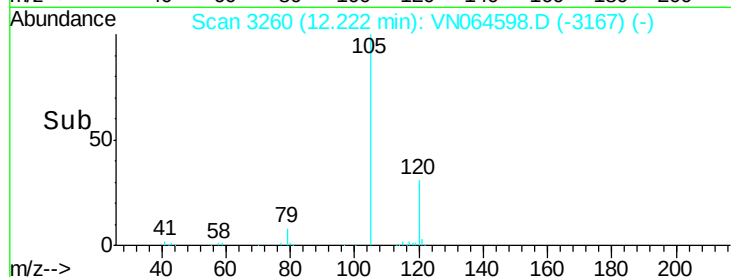
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 46.346 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Tgt Ion: 43 Resp: 428761

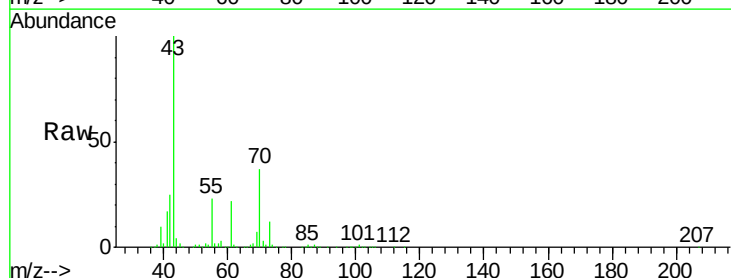
Ion Ratio Lower Upper

43 100

70 37.0 29.6 44.4

55 23.9 18.4 27.6

61 21.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

400000

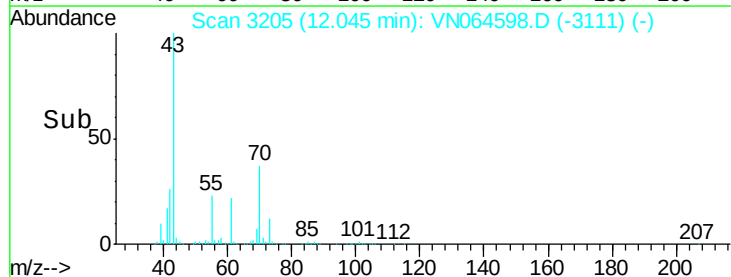
300000

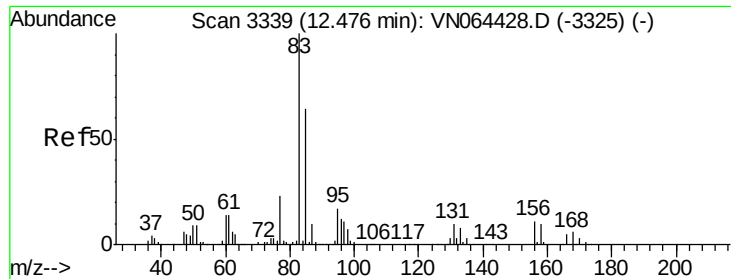
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.219 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

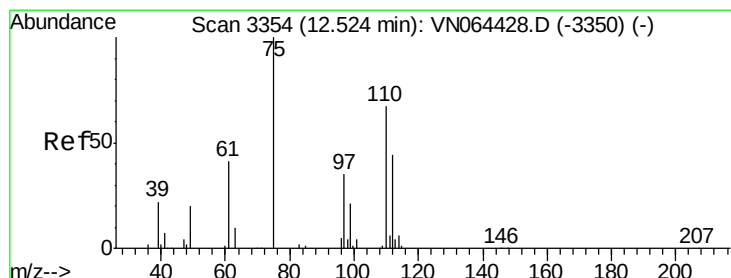
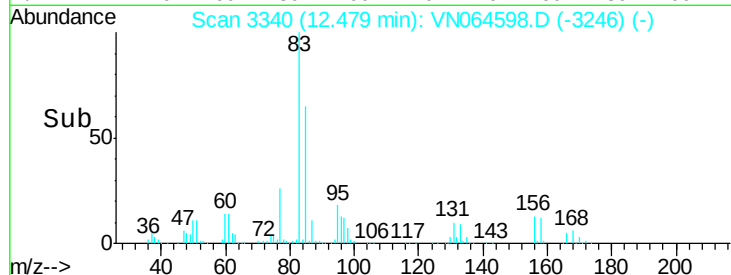
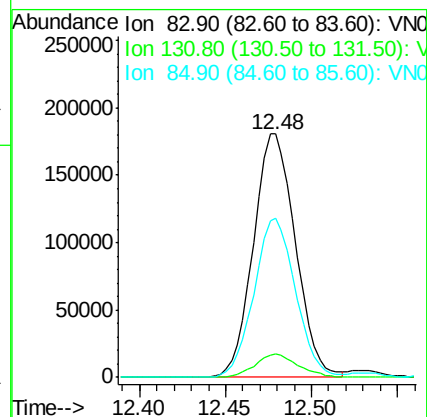
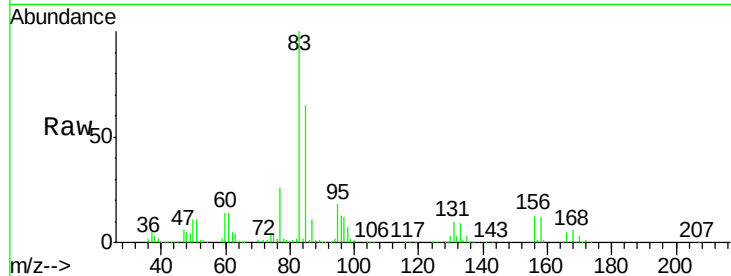
Tot Ion: 83 Resp: 306548

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.7 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 72.509 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064598.D

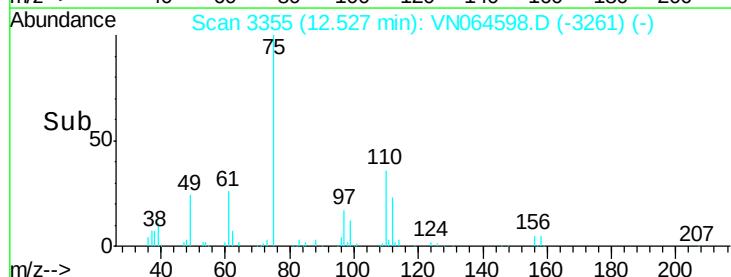
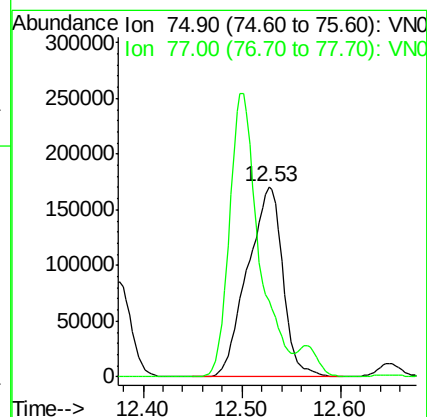
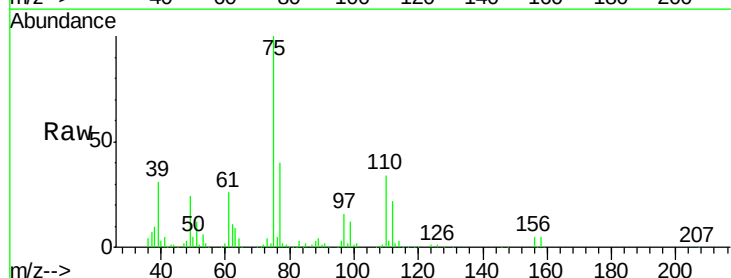
Acq: 12 Nov 2020 22:29

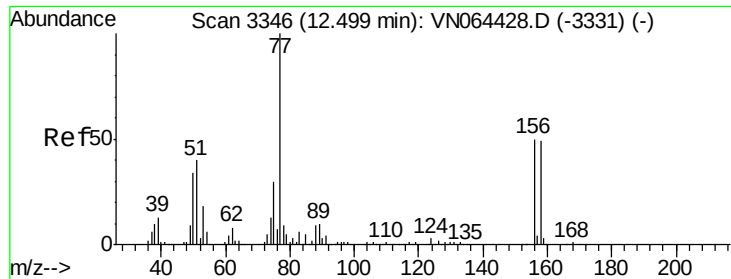
Tgt Ion: 75 Resp: 422452

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

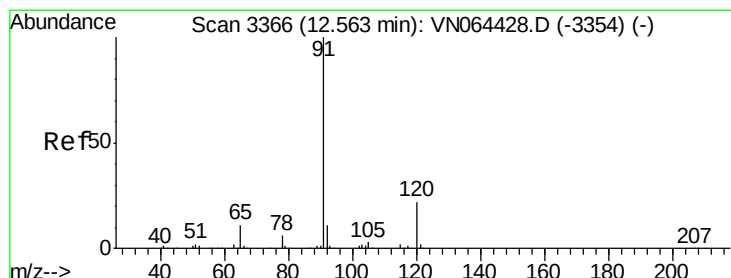
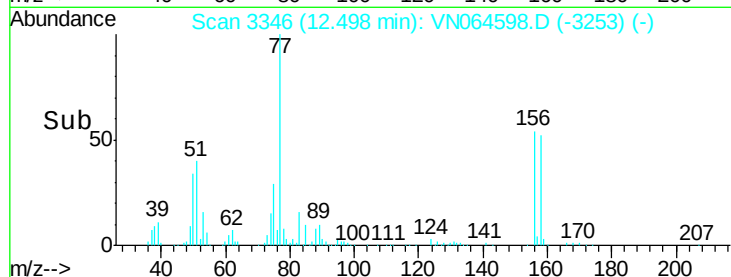
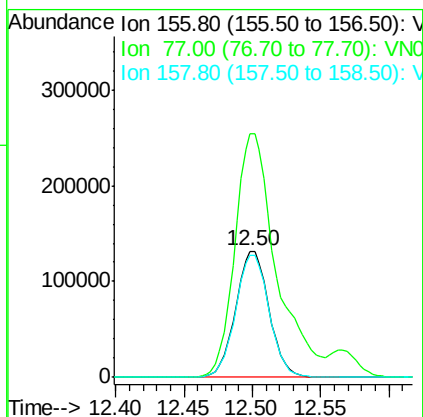
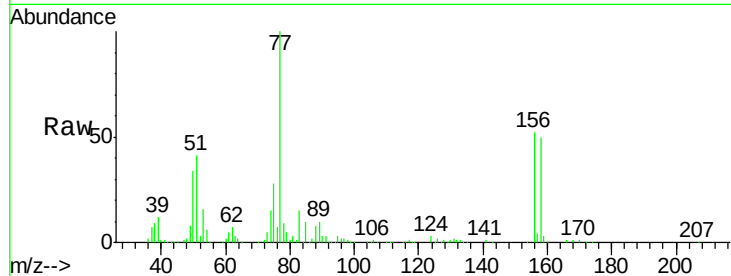




#77
Bromobenzene
Concen: 47.791 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

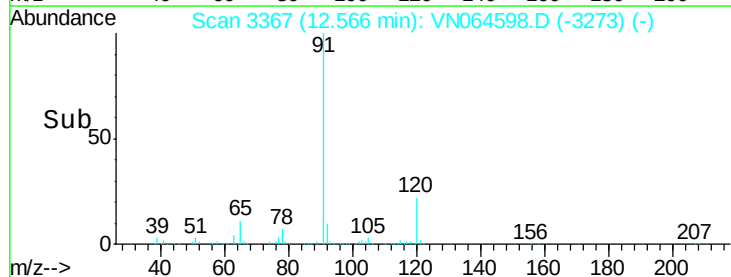
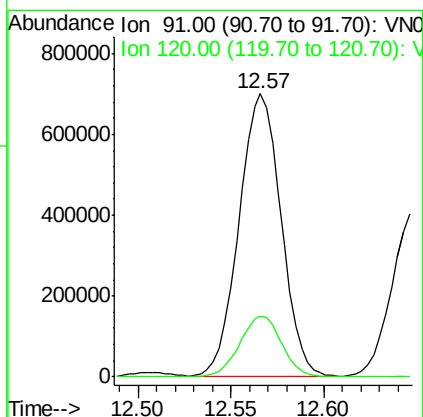
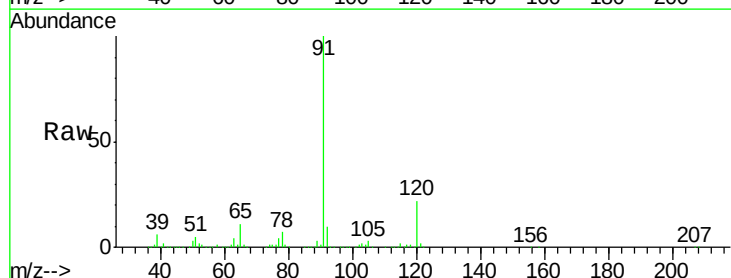
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

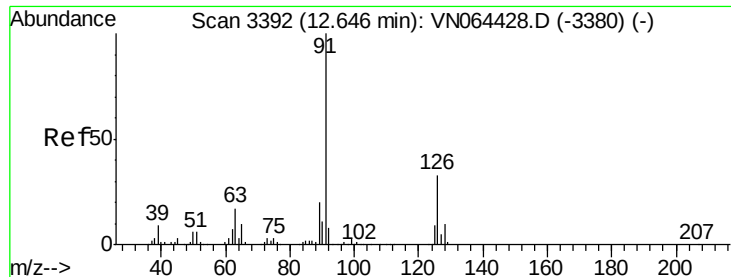
Tot Ion:156 Resp: 223002
Ion Ratio Lower Upper
156 100
77 240.6 119.0 357.0
158 98.1 48.4 145.3



#78
n-propylbenzene
Concen: 50.388 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064598.D
Acq: 12 Nov 2020 22:29

Tgt Ion: 91 Resp: 1097954
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.052 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

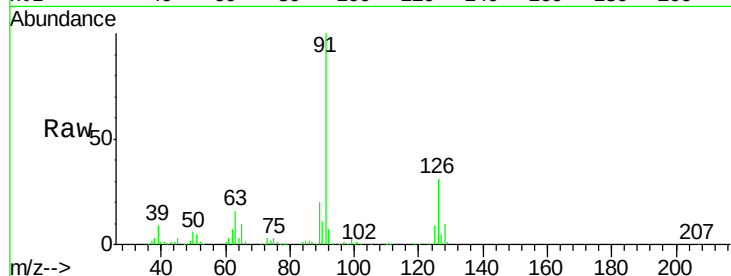
VSTDCCC050

Tot Ion: 91 Resp: 677901

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)

600000

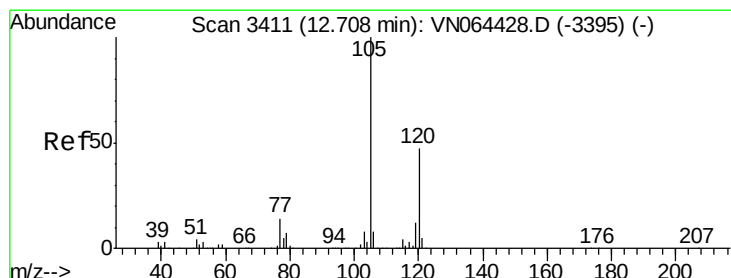
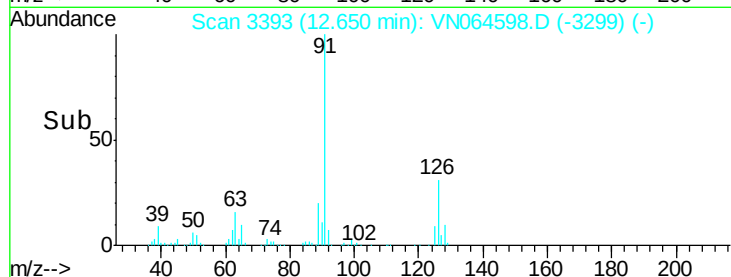
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.197 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064598.D

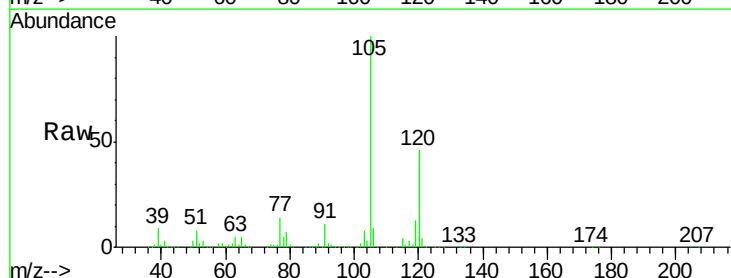
Acq: 12 Nov 2020 22:29

Tgt Ion: 105 Resp: 791473

Ion Ratio Lower Upper

105 100

120 46.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)

600000

500000

400000

300000

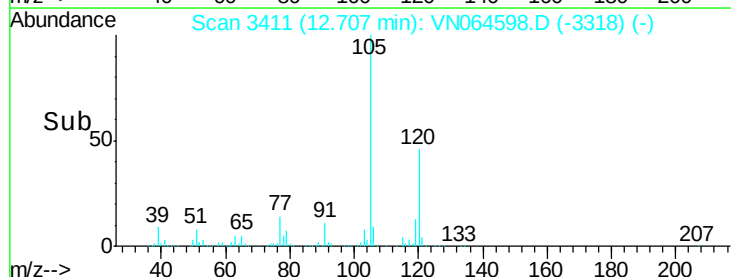
200000

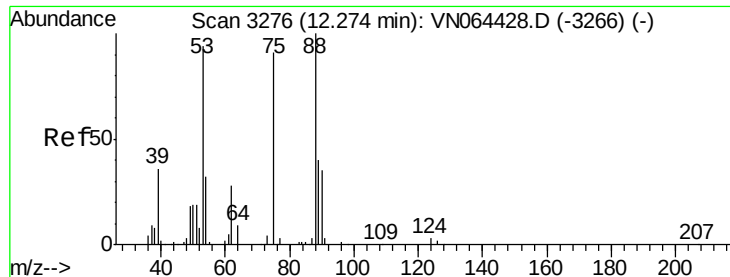
100000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.905 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

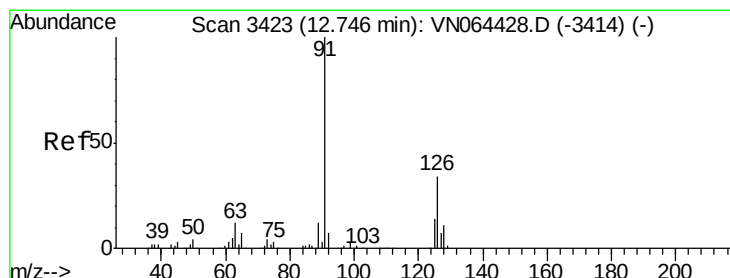
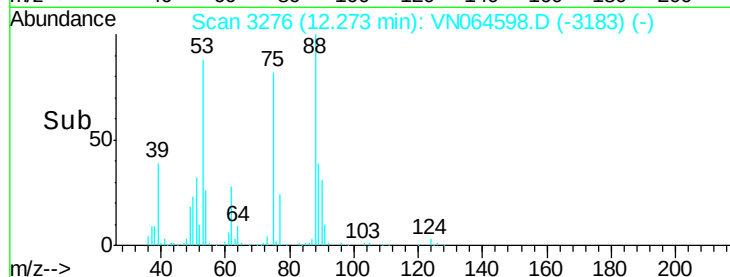
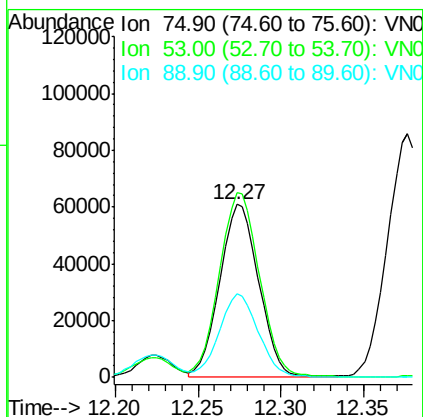
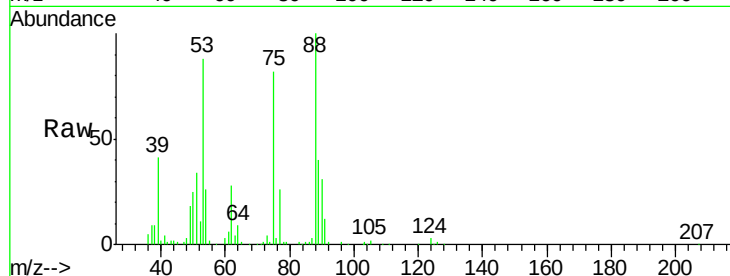
Tot Ion: 75 Resp: 99960

Ion Ratio Lower Upper

75 100

53 109.6 84.0 126.0

89 48.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.867 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064598.D

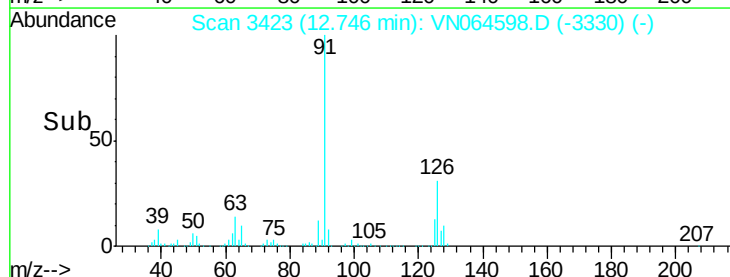
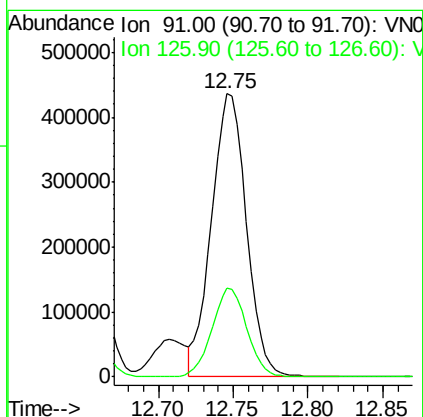
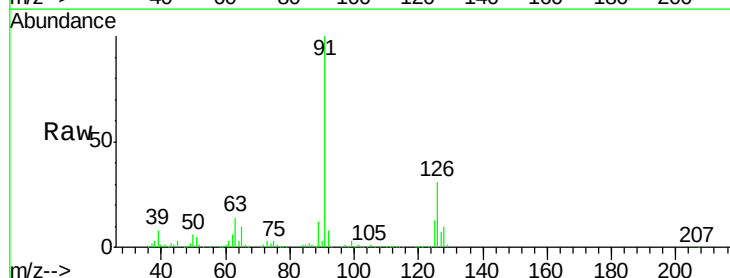
Acq: 12 Nov 2020 22:29

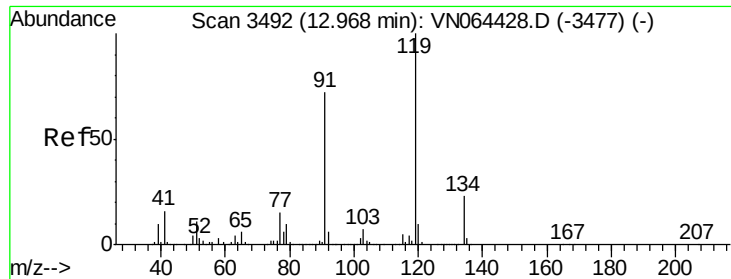
Tgt Ion: 91 Resp: 707265

Ion Ratio Lower Upper

91 100

126 31.5 15.4 46.2

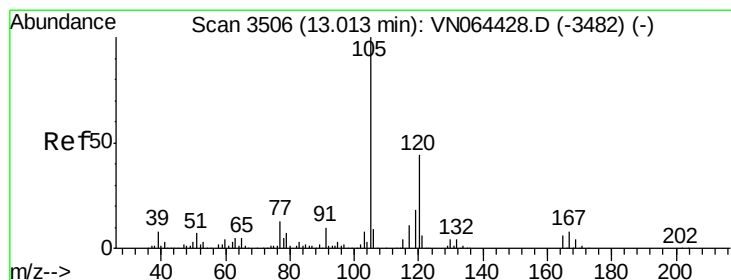
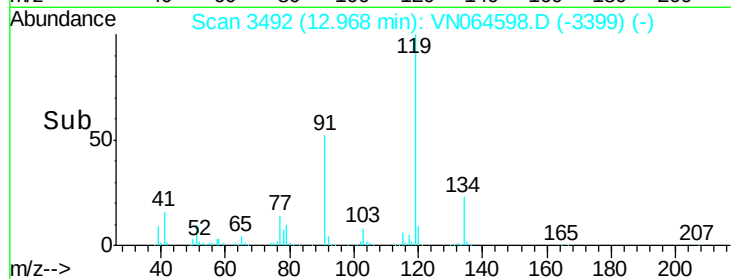
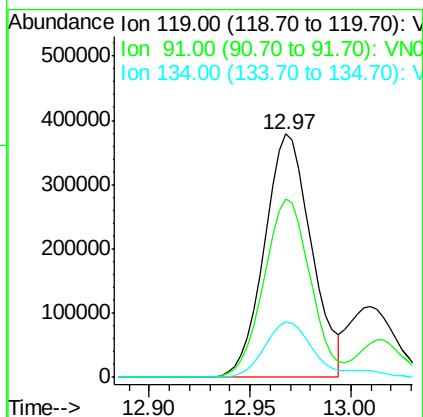
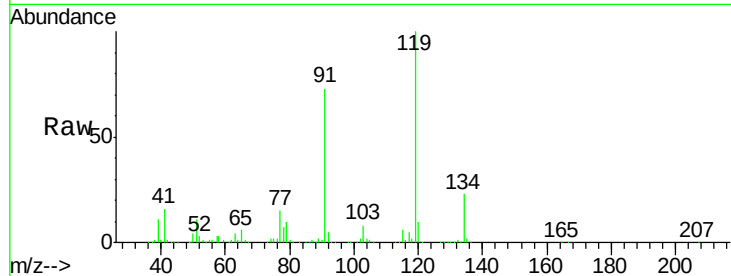




#83
 tert-Butylbenzene
 Concen: 49.861 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

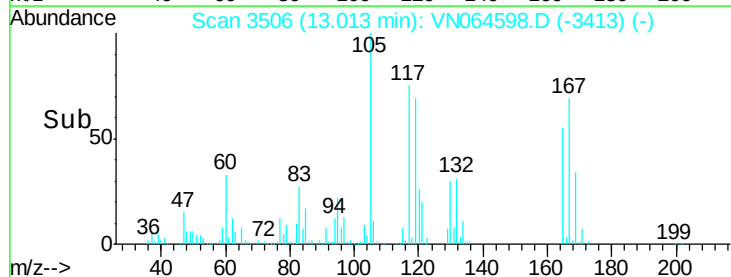
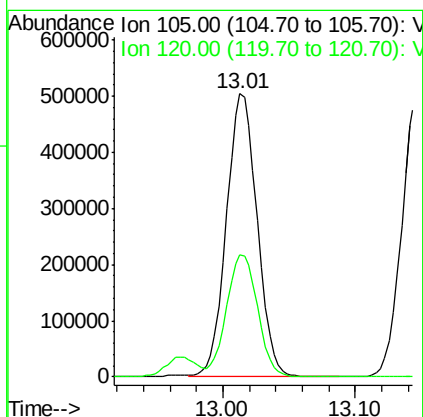
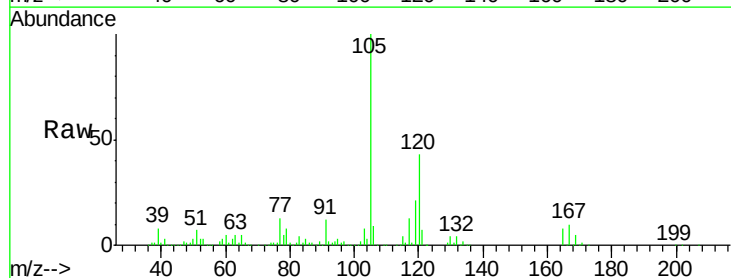
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

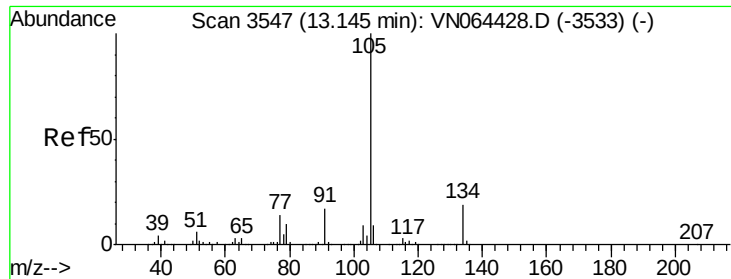
Tot Ion:119 Resp: 614016
 Ion Ratio Lower Upper
 119 100
 91 72.4 36.1 108.3
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.044 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion:105 Resp: 809078
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7





#85

sec-Butylbenzene

Concen: 51.802 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampled :

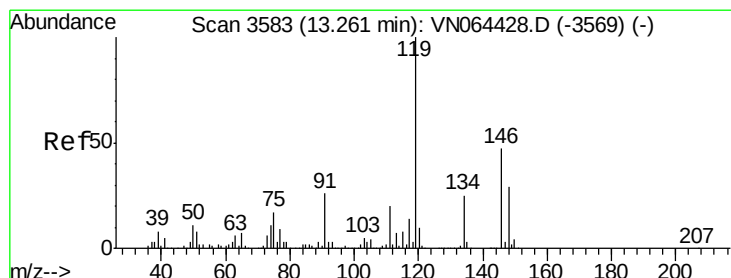
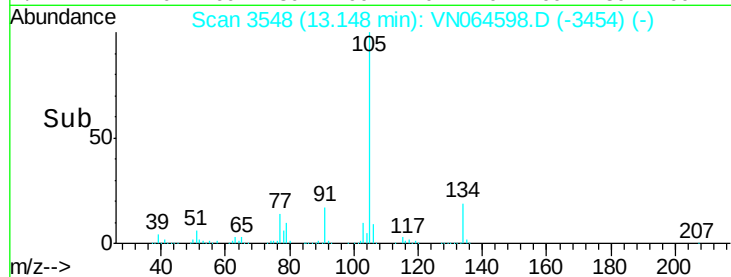
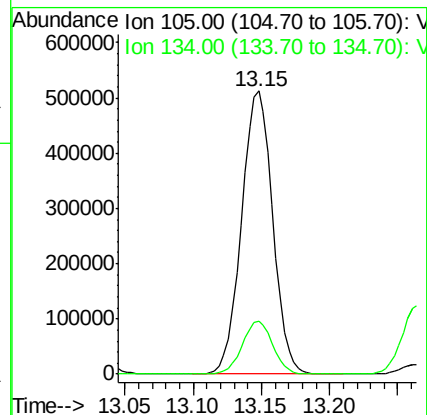
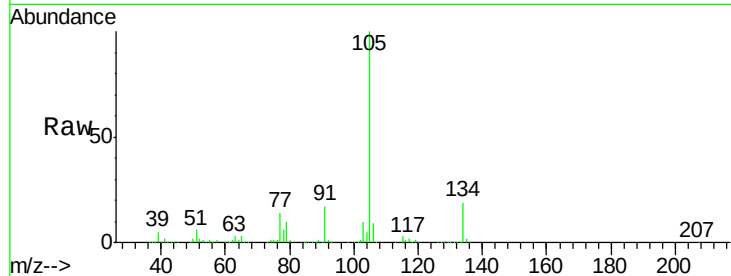
VSTDCCC050

Tot Ion:105 Resp: 807897

Ion Ratio Lower Upper

105 100

134 18.4 9.4 28.2



#86

p-Isopropyltoluene

Concen: 52.151 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

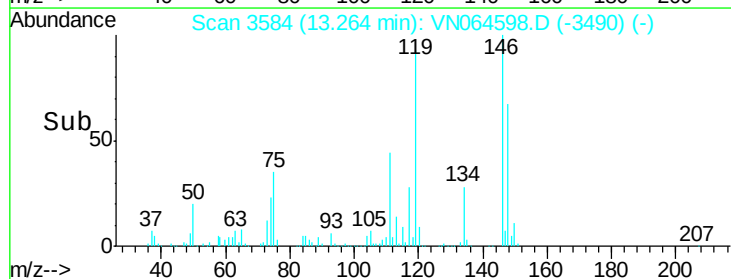
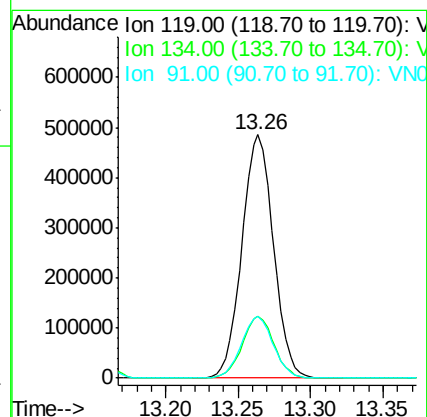
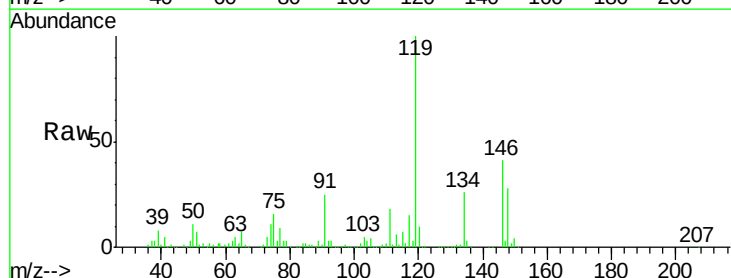
Tgt Ion:119 Resp: 731586

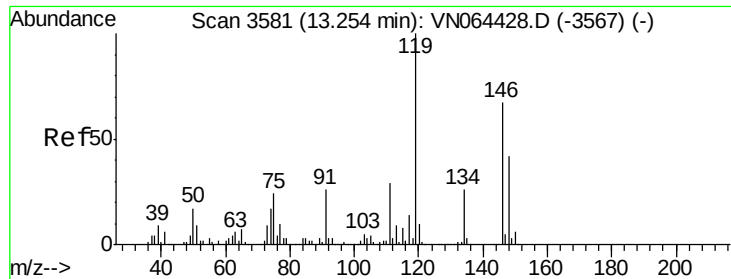
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 25.7 12.8 38.3

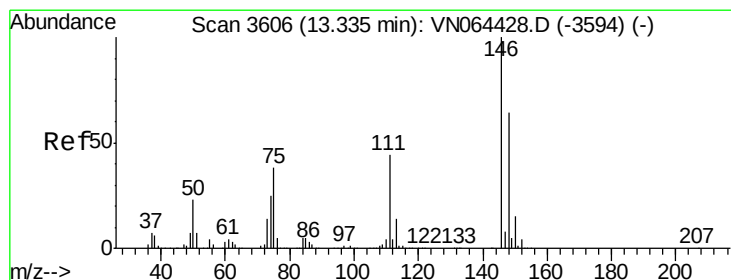
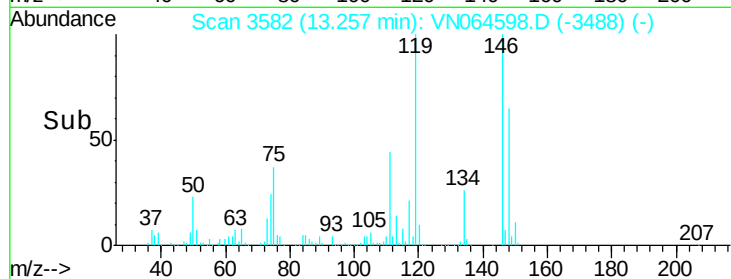
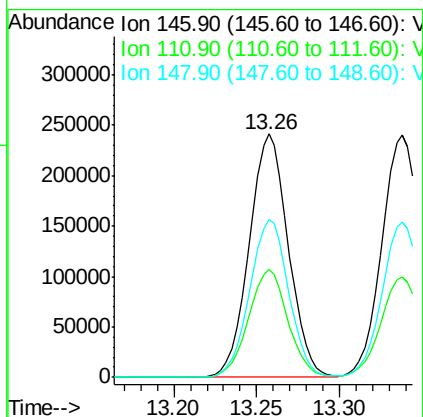
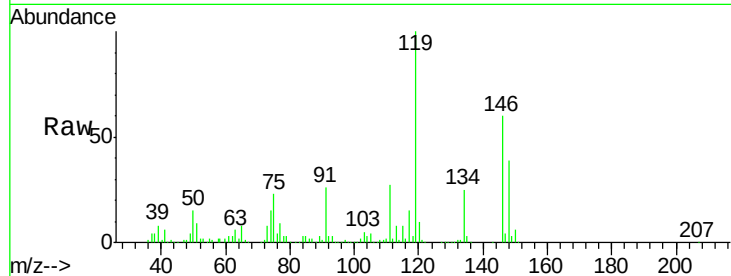




#87
 1,3-Dichlorobenzene
 Concen: 48.995 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

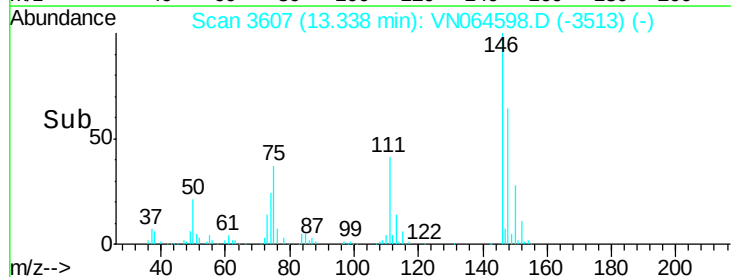
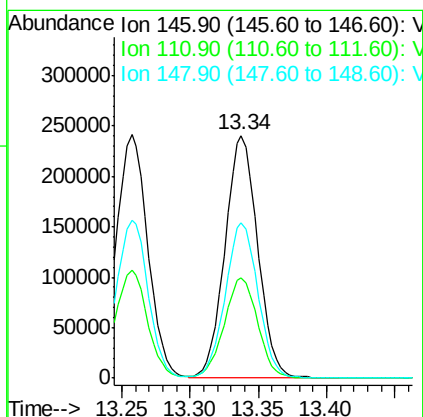
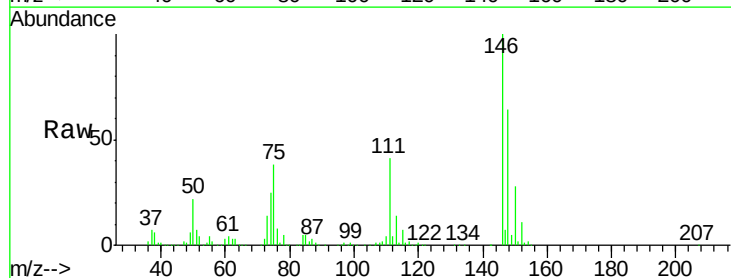
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

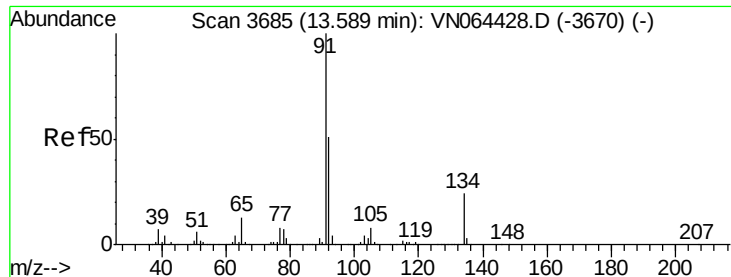
Tot Ion:146 Resp: 395205
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.1 66.1
 148 64.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.748 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion:146 Resp: 398016
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.8 65.3
 148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 50.323 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

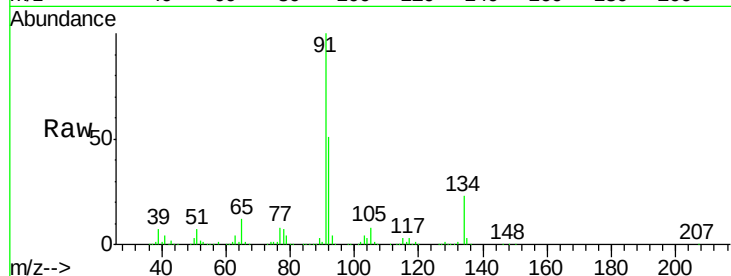
Tot Ion: 91 Resp: 606974

Ion Ratio Lower Upper

91 100

92 50.0 25.3 75.9

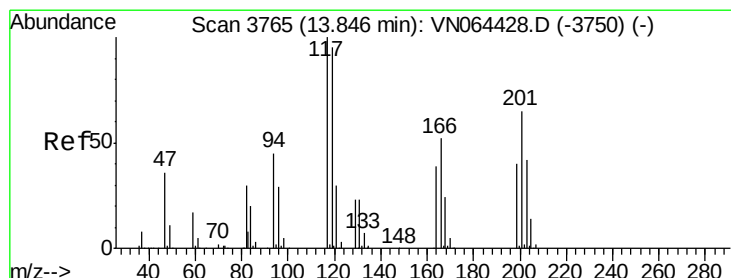
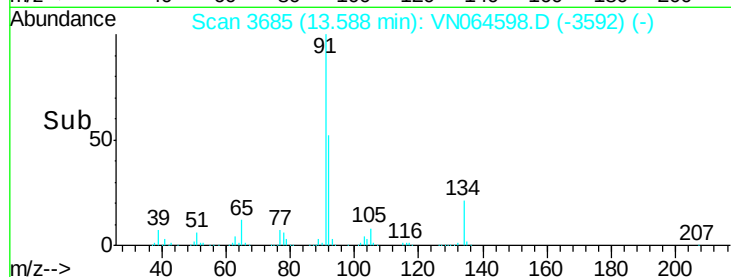
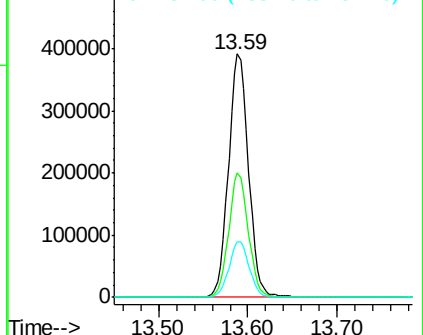
134 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)



#90

Hexachloroethane

Concen: 53.941 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064598.D

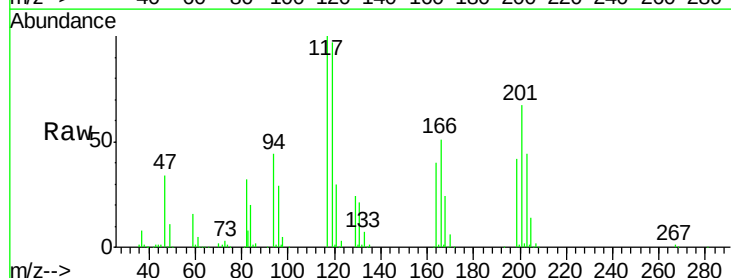
Acq: 12 Nov 2020 22:29

Tgt Ion: 117 Resp: 145970

Ion Ratio Lower Upper

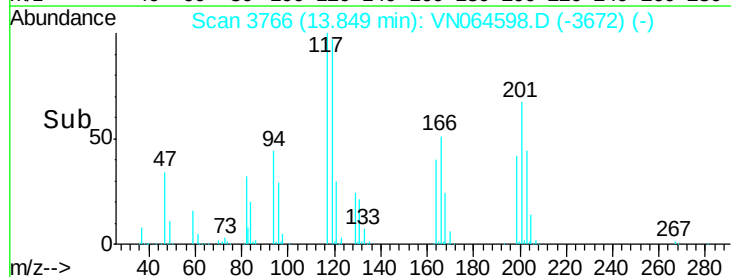
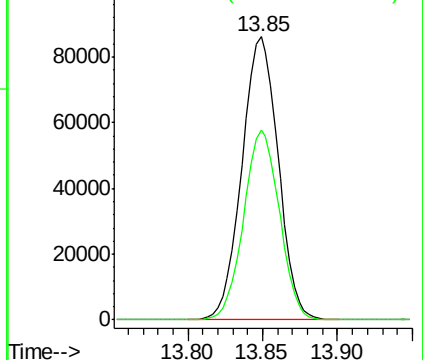
117 100

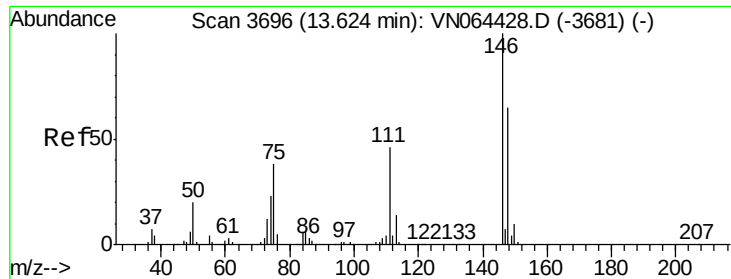
201 65.8 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

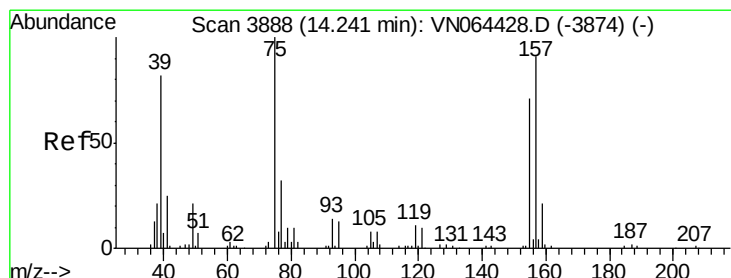
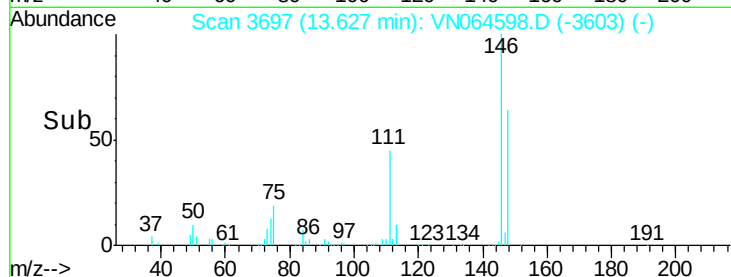
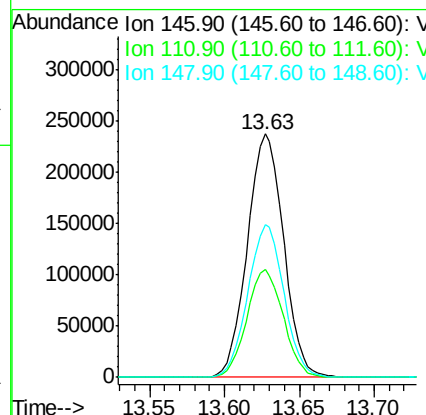
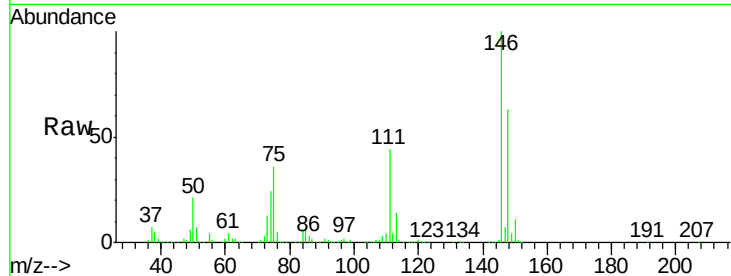




#91
 1,2-Dichlorobenzene
 Concen: 51.591 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

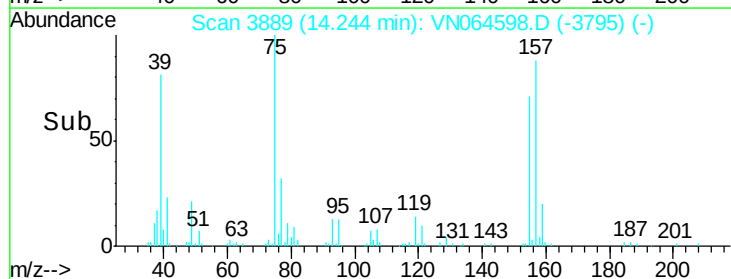
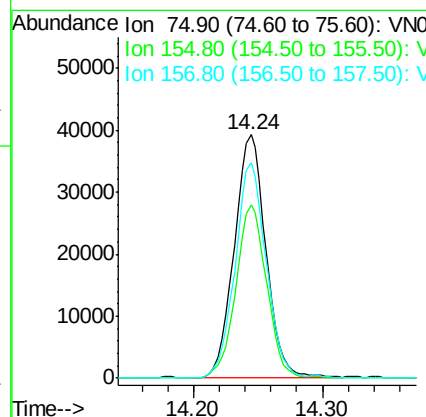
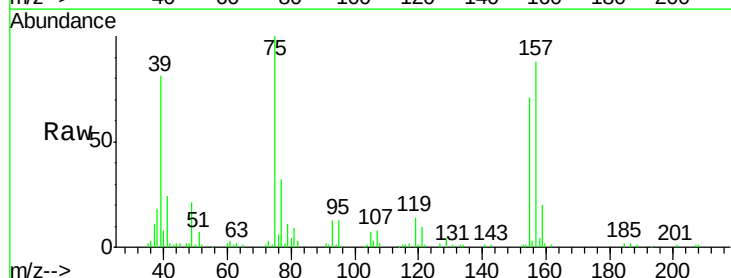
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

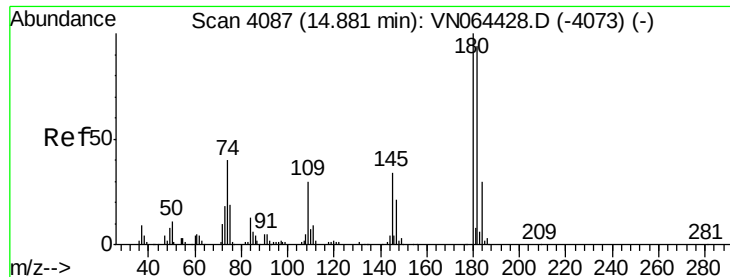
Tot Ion:146 Resp: 400294
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.9 68.7
 148 62.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.274 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion: 75 Resp: 66942
 Ion Ratio Lower Upper
 75 100
 155 68.9 34.6 103.9
 157 86.7 43.0 128.8

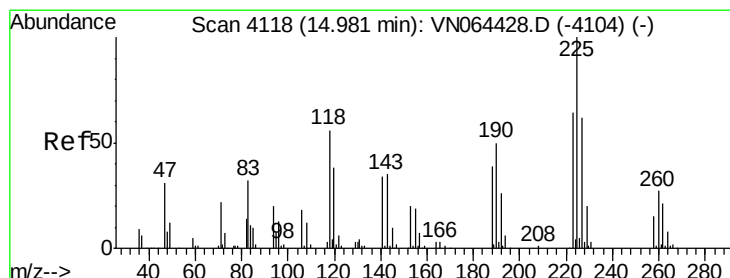
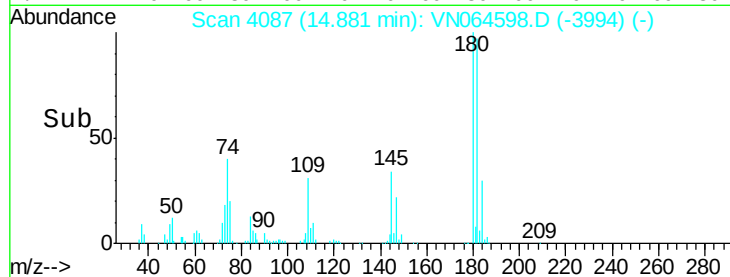
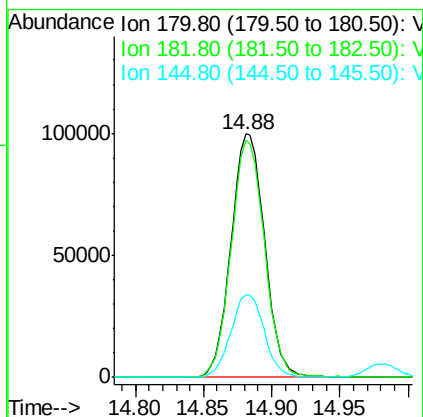
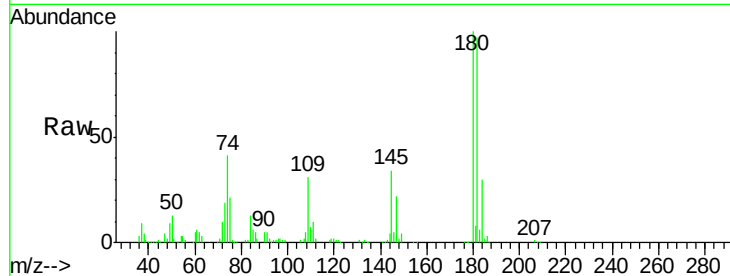




#93
 1,2,4-Trichlorobenzene
 Concen: 44.540 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

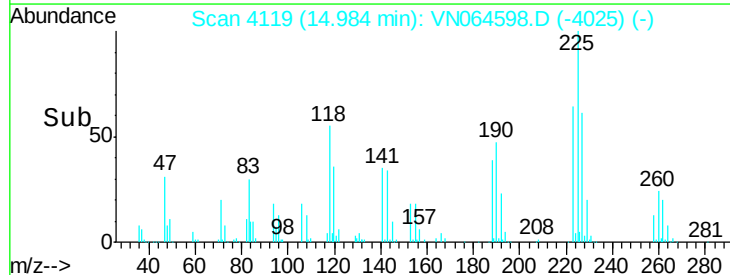
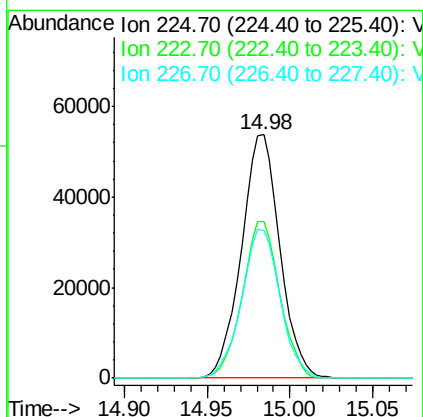
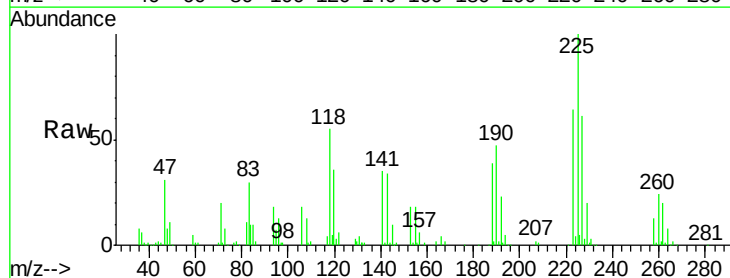
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

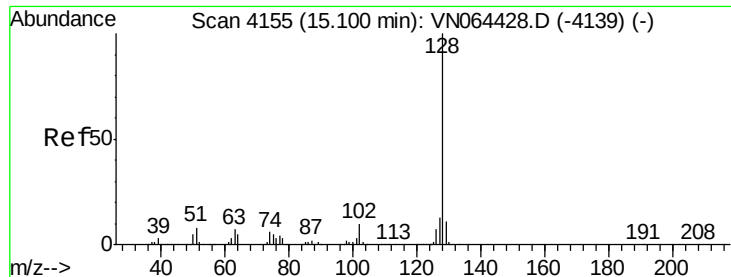
Tot Ion:180 Resp: 170672
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.3 142.0
 145 34.0 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 54.973 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064598.D
 Acq: 12 Nov 2020 22:29

Tgt Ion:225 Resp: 86842
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.8 95.4
 227 60.9 31.8 95.4





#95

Naphthalene

Concen: 43.633 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

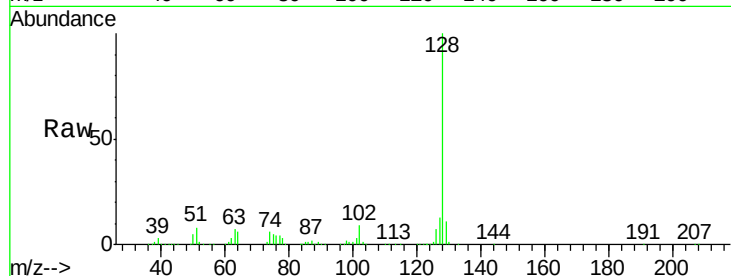
Tot Ion:128 Resp: 568897

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

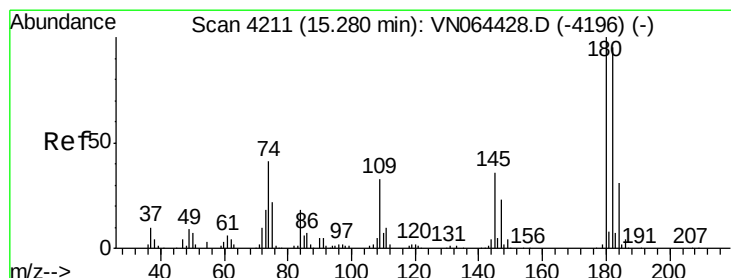
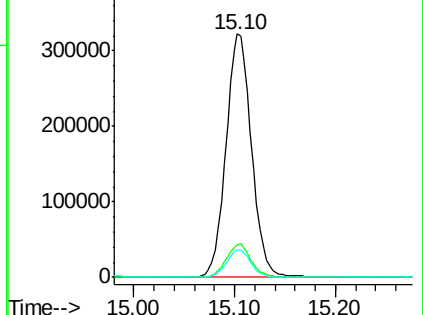
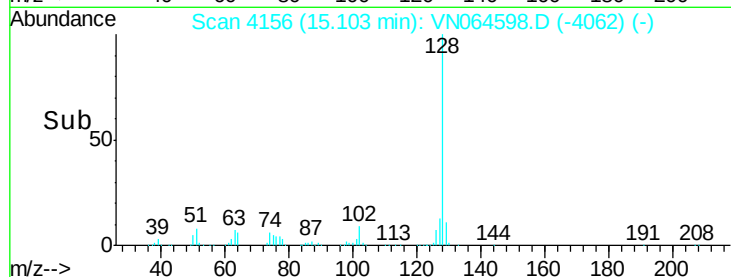
129 10.8 8.8 13.2



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: 47.541 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064598.D

Acq: 12 Nov 2020 22:29

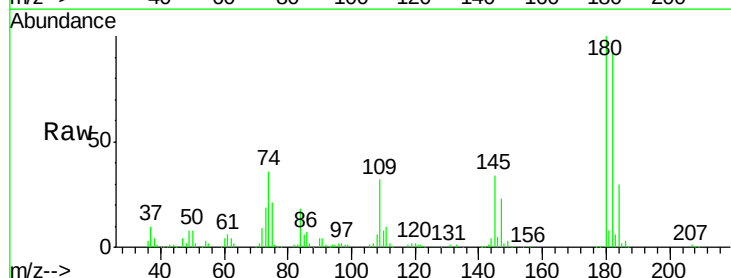
Tgt Ion:180 Resp: 176929

Ion Ratio Lower Upper

180 100

182 95.1 47.7 143.1

145 34.5 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

