

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120820\
 Data File : VN064959.D
 Acq On : 8 Dec 2020 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 08 16:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	225153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	335517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	302173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150384	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	107265	40.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.96%	
35) Dibromofluoromethane		7.55	113	96307	47.97	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.94%	
50) Toluene-d8		10.06	98	371795	45.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.64%	
62) 4-Bromofluorobenzene		12.37	95	135188	46.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	76477	39.192	ug/l	98
3) Chloromethane	2.04	50	96508	38.059	ug/l	97
4) Vinyl Chloride	2.17	62	106212	40.175	ug/l	99
5) Bromomethane	2.52	94	70812	40.825	ug/l	98
6) Chloroethane	2.67	64	70293	42.988	ug/l	99
7) Trichlorofluoromethane	2.99	101	158561	43.388	ug/l	98
8) Diethyl Ether	3.37	74	63622	44.105	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99669	45.464	ug/l	98
10) Methyl Iodide	3.90	142	115238	40.526	ug/l	99
11) Tert butyl alcohol	4.74	59	73975	181.216	ug/l	98
12) 1,1-Dichloroethene	3.69	96	94344	43.211	ug/l	99
13) Acrolein	3.56	56	67427	270.418	ug/l	97
14) Allyl chloride	4.27	41	155201	43.099	ug/l	98
15) Acrylonitrile	4.93	53	236580	209.790	ug/l	100
16) Acetone	3.77	43	209614	243.606	ug/l	96
17) Carbon Disulfide	4.00	76	225933	40.079	ug/l	100
18) Methyl Acetate	4.28	43	111028	42.917	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	321791	45.955	ug/l	99
20) Methylene Chloride	4.50	84	112962	41.895	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	104383	43.052	ug/l	99
22) Diisopropyl ether	5.90	45	338670	46.987	ug/l	99
23) Vinyl Acetate	5.84	43	1310085	227.294	ug/l	100
24) 1,1-Dichloroethane	5.79	63	197667	45.888	ug/l	99
25) 2-Butanone	6.78	43	309790	222.095	ug/l	96
26) 2,2-Dichloropropane	6.77	77	169765	45.440	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	124037	45.464	ug/l	99
28) Bromochloromethane	7.14	49	80634	40.918	ug/l	97
29) Tetrahydrofuran	7.16	42	190484	197.832	ug/l	98
30) Chloroform	7.33	83	201174	45.287	ug/l	98
31) Cyclohexane	7.61	56	149310	40.927	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	173872	45.573	ug/l	98
36) 1,1-Dichloropropene	7.75	75	148955	47.897	ug/l	100
37) Ethyl Acetate	6.88	43	124644	41.608	ug/l	98
38) Carbon Tetrachloride	7.73	117	155690	48.114	ug/l	97

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39) Methylcyclohexane	9.04	83	148713	44.421	ug/l	95
40) Benzene	8.00	78	448217	47.033	ug/l	98
41) Methacrylonitrile	7.12	41	65960	47.719	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	146729	45.641	ug/l	99
43) Isopropyl Acetate	8.12	43	209796	43.522	ug/l #	91
44) Trichloroethene	8.80	130	129019	45.885	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119931	48.596	ug/l	99
46) Dibromomethane	9.17	93	78040	47.333	ug/l	99
47) Bromodichloromethane	9.37	83	161809	48.775	ug/l	97
48) Methyl methacrylate	9.16	41	101731	44.166	ug/l	98
49) 1,4-Dioxane	9.16	88	36907	847.773	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	638063	220.484	ug/l	99
52) Toluene	10.12	92	284785	48.525	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	176966	47.894	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	195514	49.366	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	114641	47.503	ug/l	97
56) Ethyl methacrylate	10.40	69	158750	47.668	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188509	47.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	404166	220.626	ug/l	100
59) 2-Hexanone	10.72	43	469866	225.603	ug/l	100
60) Dibromochloromethane	10.87	129	131529	49.030	ug/l	98
61) 1,2-Dibromoethane	10.97	107	114546	46.717	ug/l	99
64) Tetrachloroethene	10.60	164	131139	44.607	ug/l	99
65) Chlorobenzene	11.40	112	318044	49.012	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	121026	50.750	ug/l	100
67) Ethyl Benzene	11.48	91	539686	49.784	ug/l	99
68) m/p-Xylenes	11.59	106	425588	103.694	ug/l	97
69) o-Xylene	11.92	106	199722	51.280	ug/l	99
70) Styrene	11.94	104	347091	52.790	ug/l	99
71) Bromoform	12.10	173	89459	46.967	ug/l #	100
73) Isopropylbenzene	12.22	105	525356	50.224	ug/l	99
74) N-amyl acetate	12.04	43	185534	45.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	143948	46.951	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	200896	62.031	ug/l #	100
77) Bromobenzene	12.50	156	136942	48.560	ug/l	97
78) n-propylbenzene	12.56	91	591419	49.631	ug/l	98
79) 2-Chlorotoluene	12.65	91	357195	48.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	446012	51.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	53154	44.983	ug/l	96
82) 4-Chlorotoluene	12.75	91	379843	49.196	ug/l	99
83) tert-Butylbenzene	12.96	119	369635	50.720	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	451778	51.392	ug/l	100
85) sec-Butylbenzene	13.14	105	477267	49.324	ug/l	100
86) p-Isopropyltoluene	13.26	119	443991	50.400	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	246083	49.115	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	245839	46.396	ug/l	100
89) n-Butylbenzene	13.59	91	370558	47.898	ug/l	99
90) Hexachloroethane	13.85	117	74908	48.948	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	234495	47.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28351	41.097	ug/l	98

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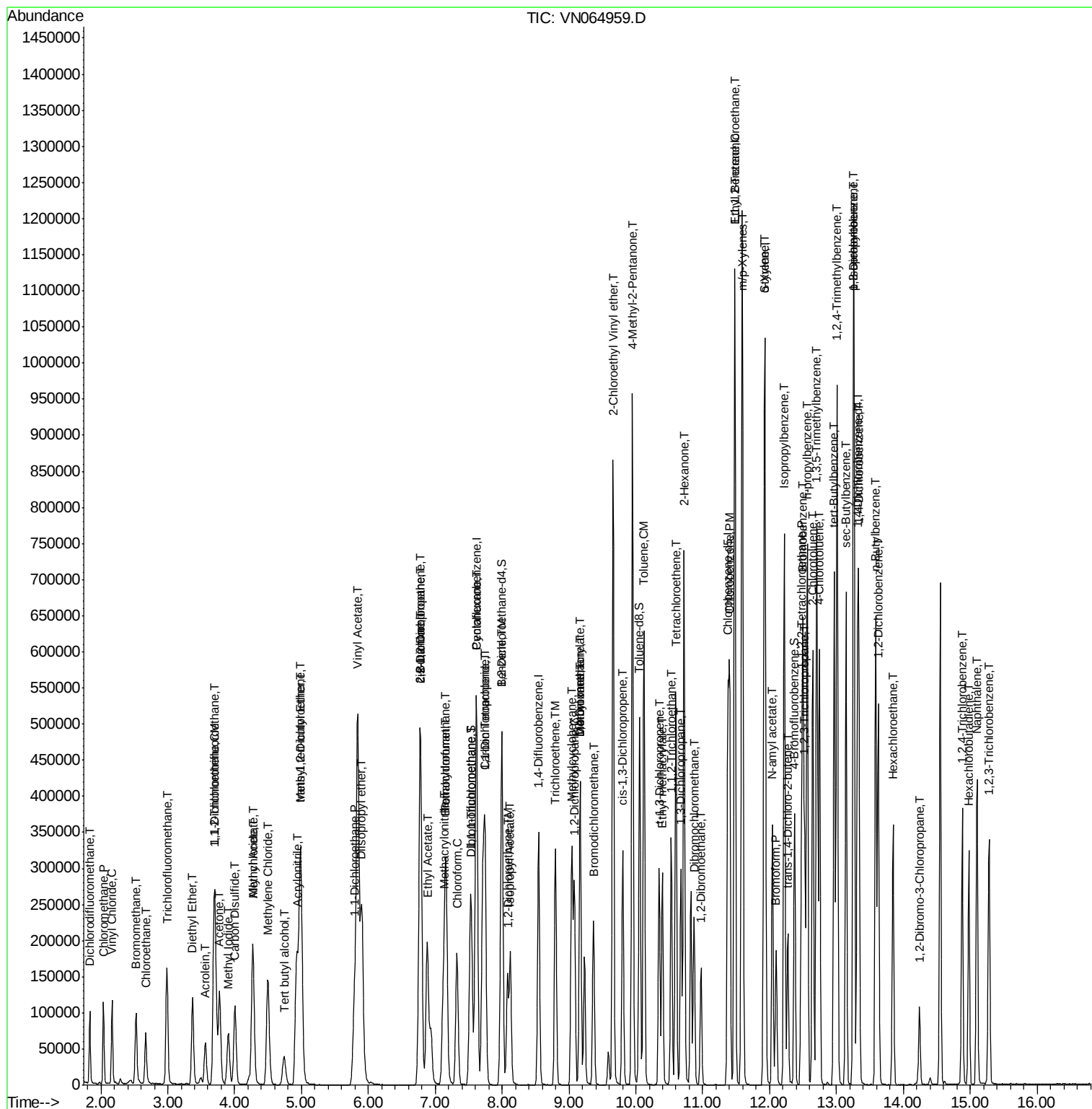
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	128980	42.382	ug/l	99
94) Hexachlorobutadiene	14.98	225	64647	47.193	ug/l	99
95) Naphthalene	15.10	128	372091	40.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	121855	42.353	ug/l	99

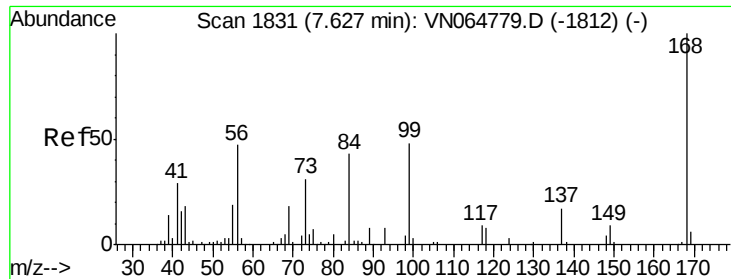
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

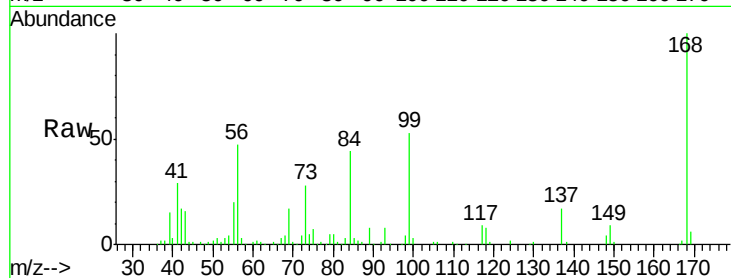
VSTDCCC050

Tgt Ion:168 Resp: 225153

Ion Ratio Lower Upper

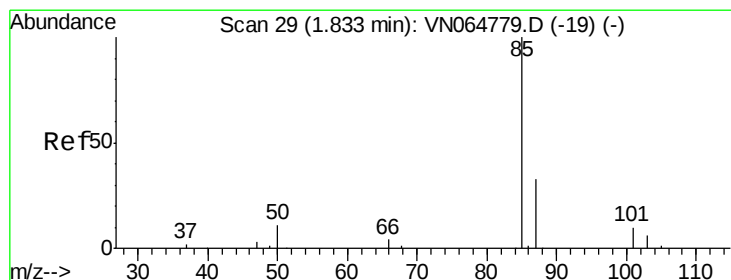
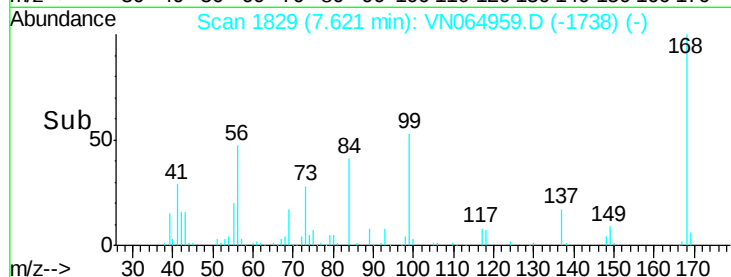
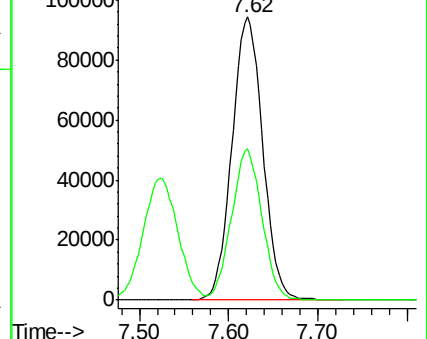
168 100

99 53.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 39.192 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064959.D

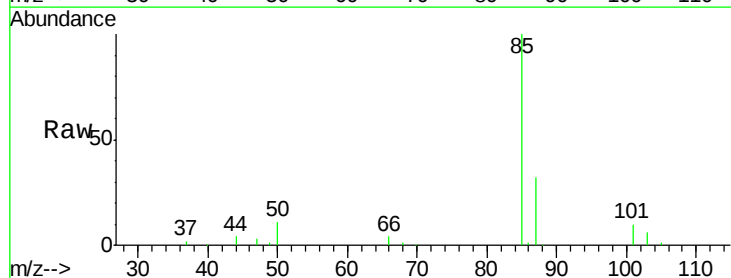
Acq: 8 Dec 2020 10:30

Tgt Ion: 85 Resp: 76477

Ion Ratio Lower Upper

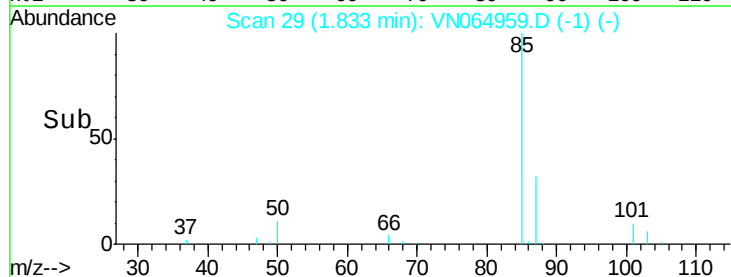
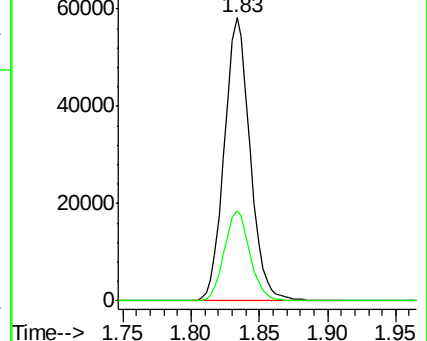
85 100

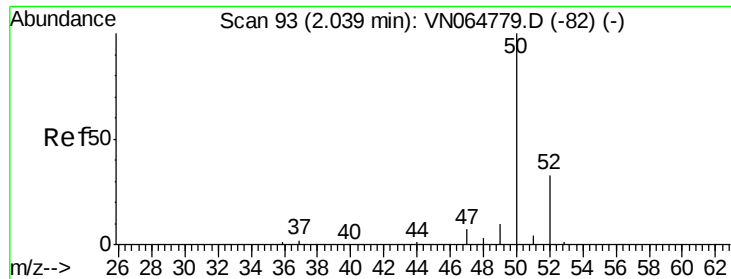
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 38.059 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

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ClientSampleId :

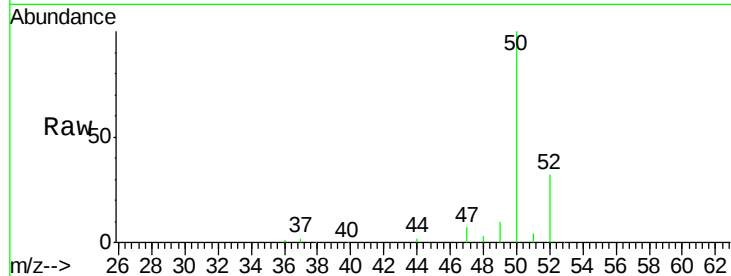
VSTDCCC050

Tgt Ion: 50 Resp: 96508

Ion Ratio Lower Upper

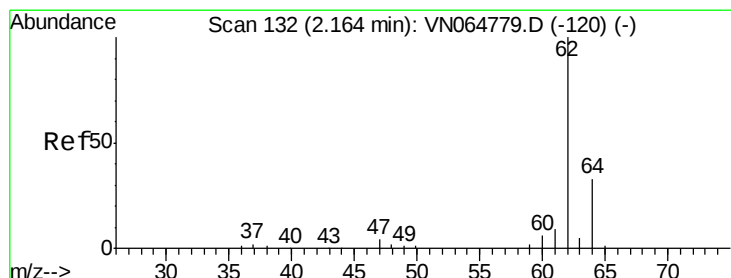
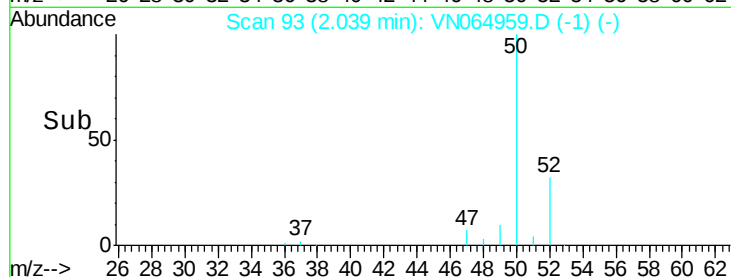
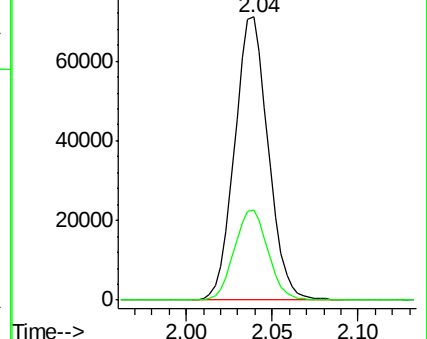
50 100

52 31.6 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 40.175 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064959.D

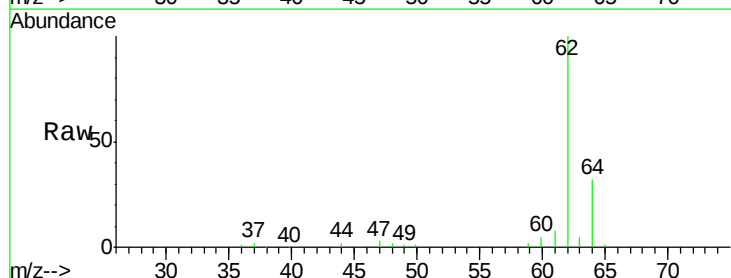
Acq: 8 Dec 2020 10:30

Tgt Ion: 62 Resp: 106212

Ion Ratio Lower Upper

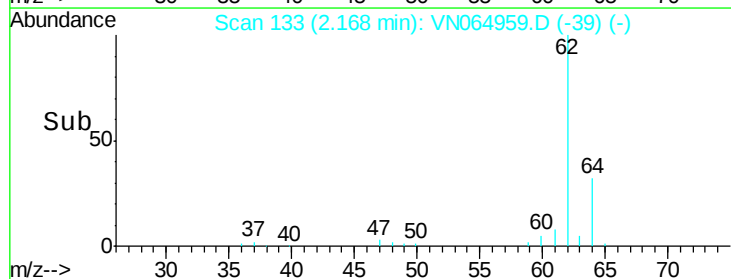
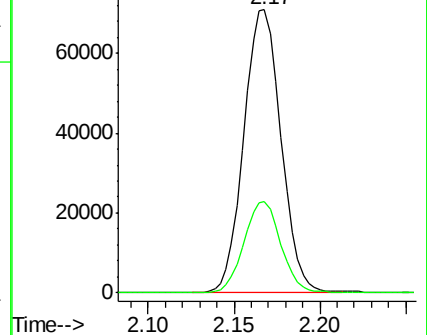
62 100

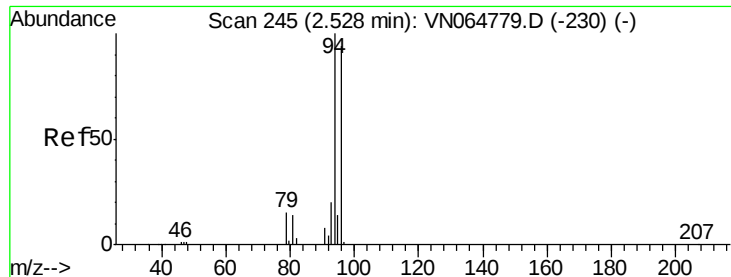
64 32.4 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 40.825 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

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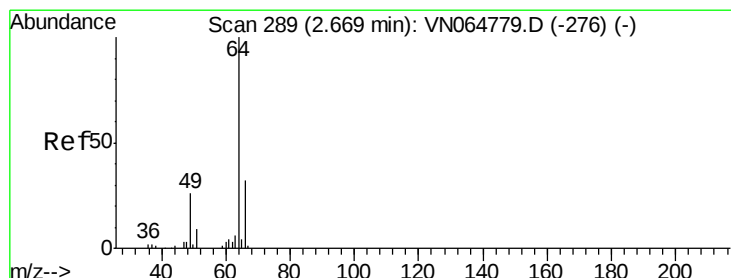
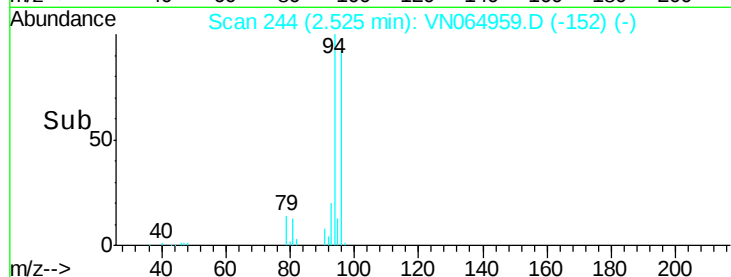
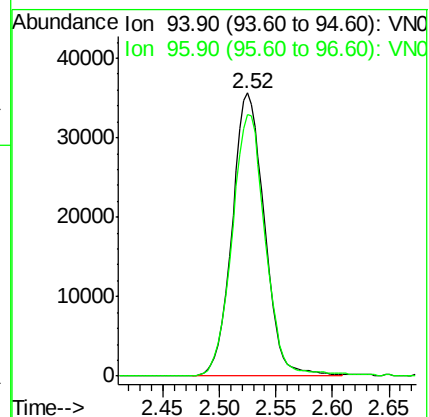
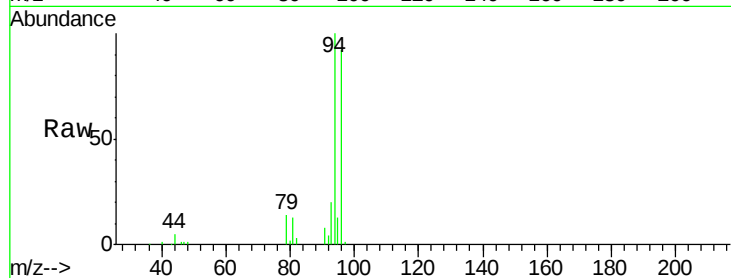
VSTDCCC050

Tgt Ion: 94 Resp: 70812

Ion Ratio Lower Upper

94 100

96 92.3 75.4 113.0



#6

Chloroethane

Concen: 42.988 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064959.D

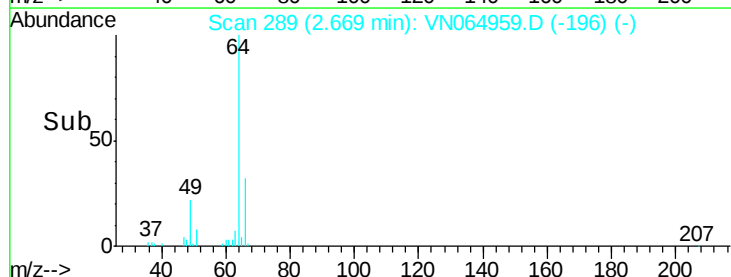
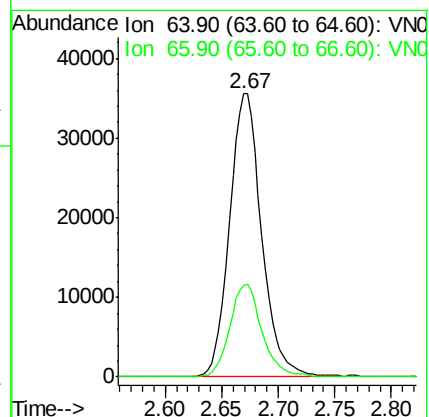
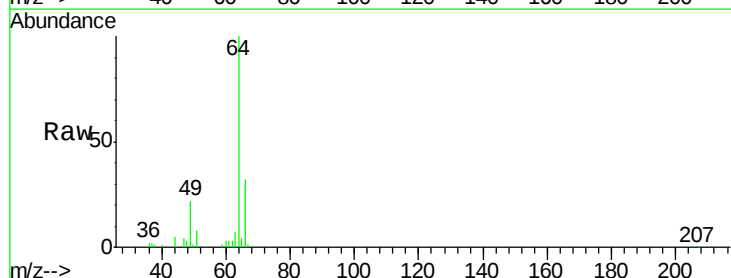
Acq: 8 Dec 2020 10:30

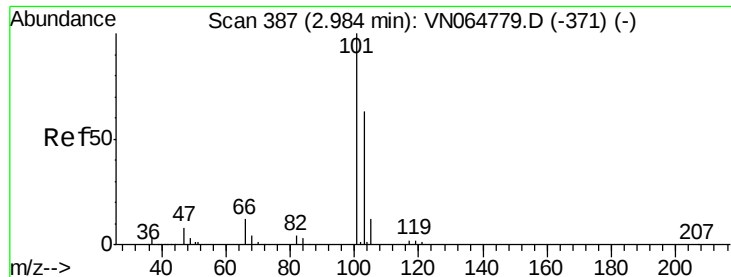
Tgt Ion: 64 Resp: 70293

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



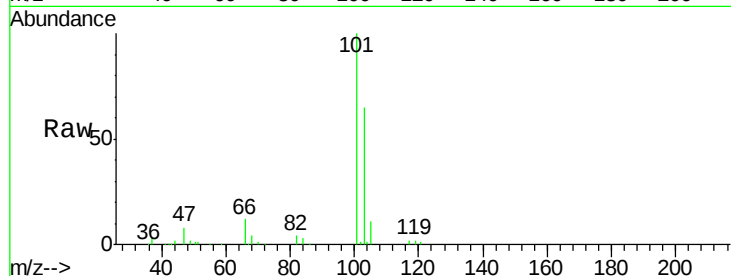


#7

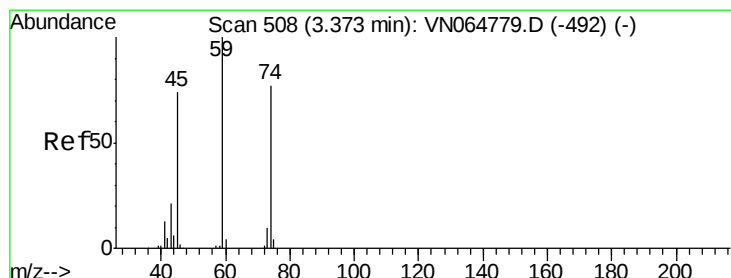
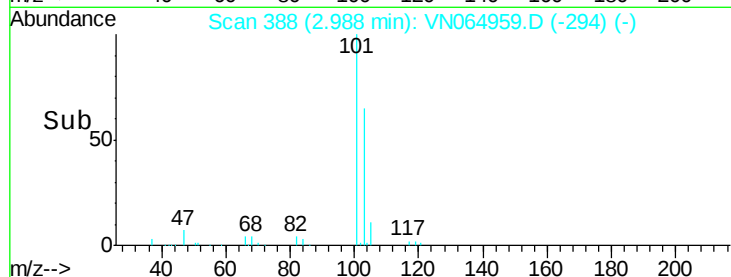
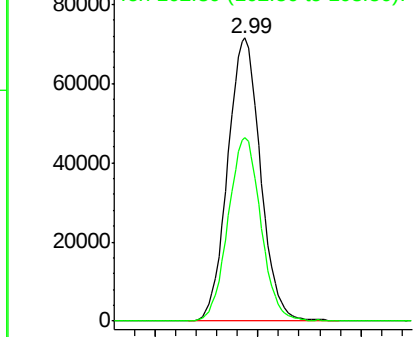
Trichlorofluoromethane
Concen: 43.388 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064959.D
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Tgt Ion: 101 Resp: 158561
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7



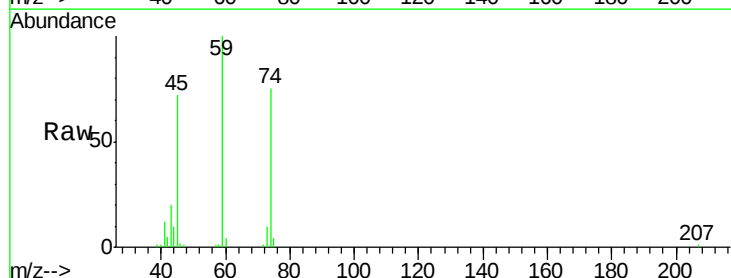
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



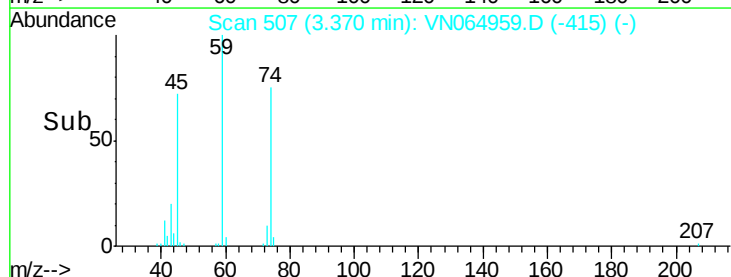
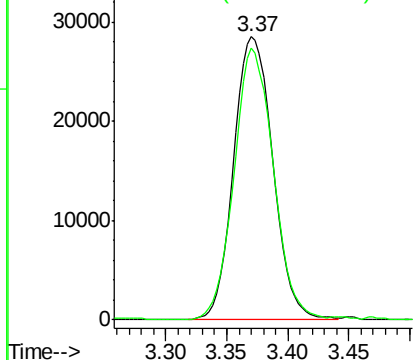
#8

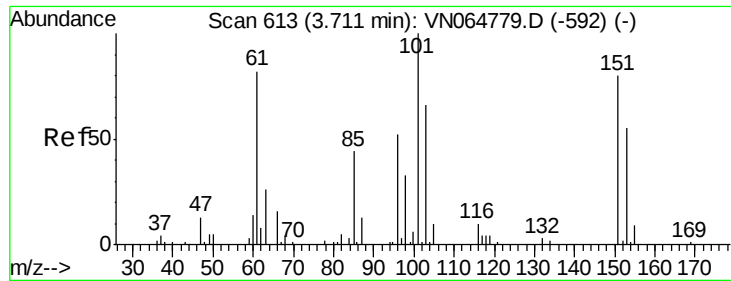
Diethyl Ether
Concen: 44.105 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064959.D
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Tgt Ion: 74 Resp: 63622
Ion Ratio Lower Upper
74 100
45 96.1 48.9 146.8



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.464 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

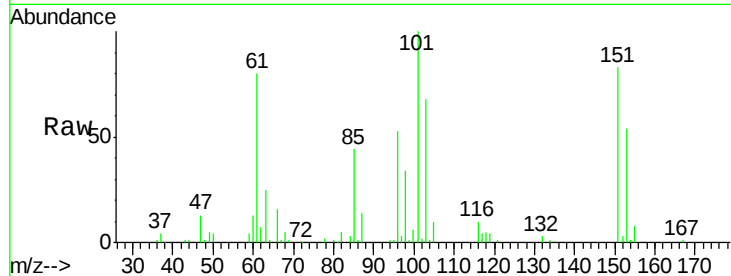
Tgt Ion:101 Resp: 99669

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

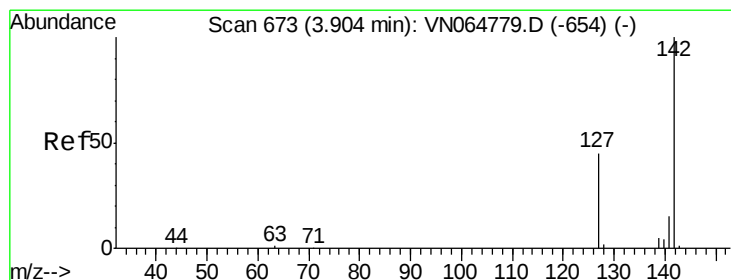
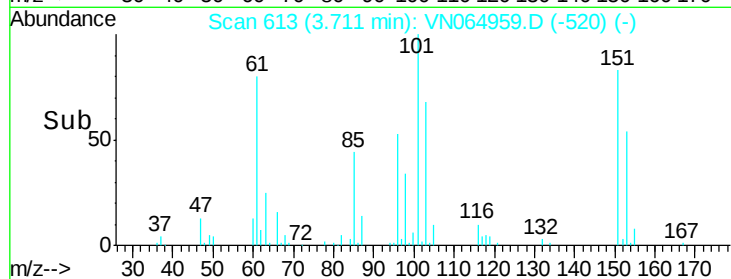
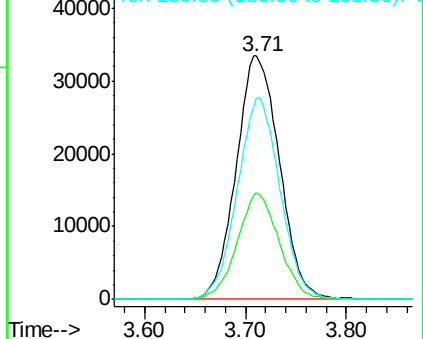
151 81.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.526 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

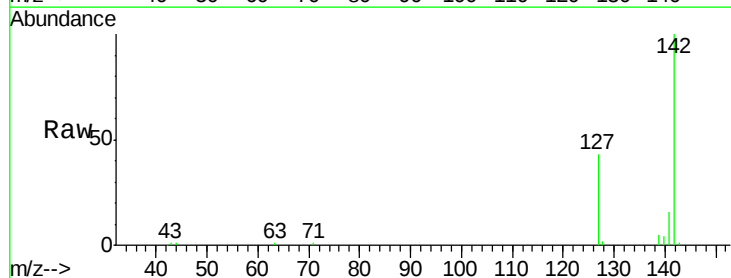
Tgt Ion:142 Resp: 115238

Ion Ratio Lower Upper

142 100

127 42.8 35.0 52.6

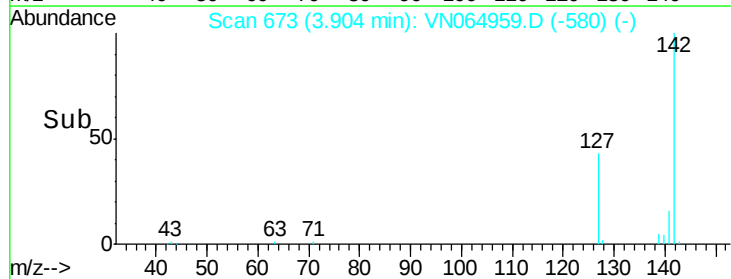
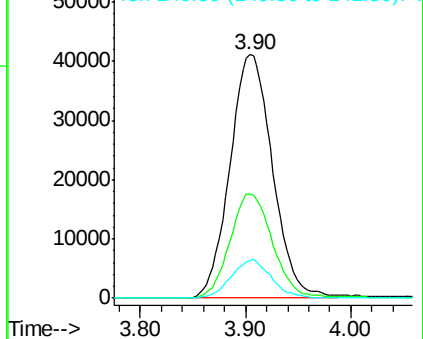
141 14.8 11.8 17.6

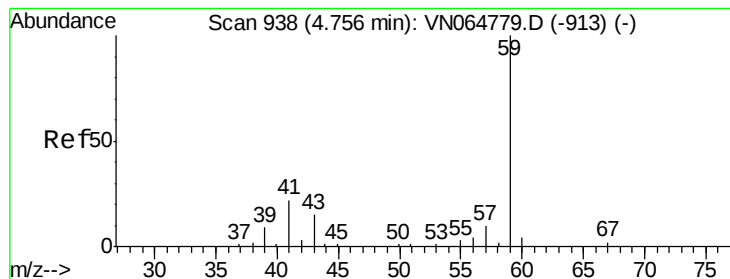


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



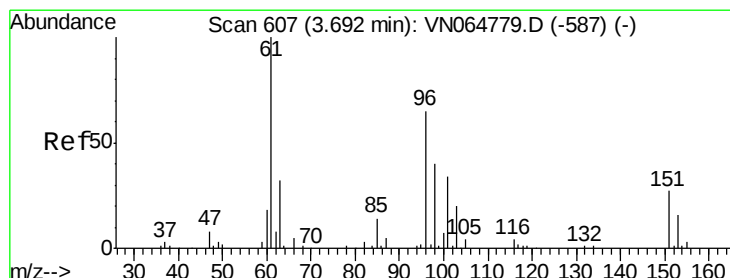
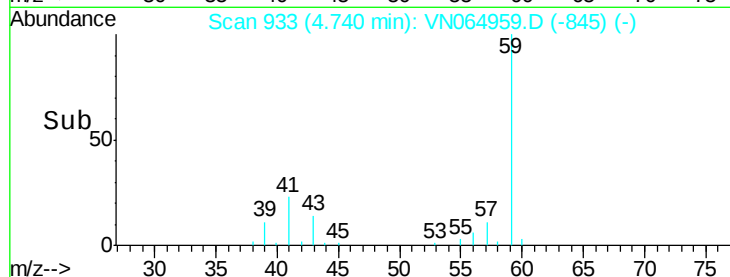
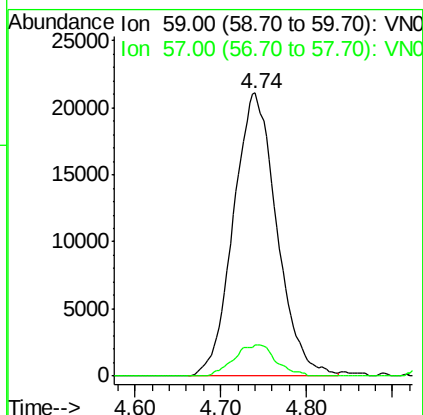
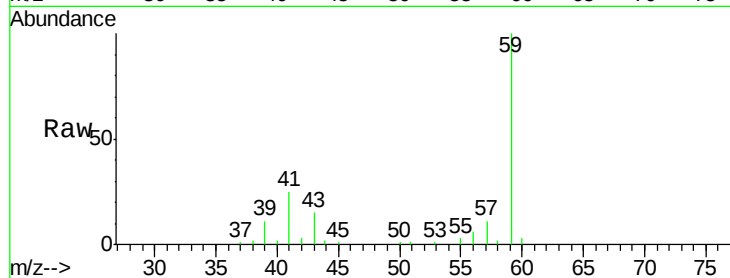


#11

Tert butyl alcohol
 Concen: 181.216 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. -0.02 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

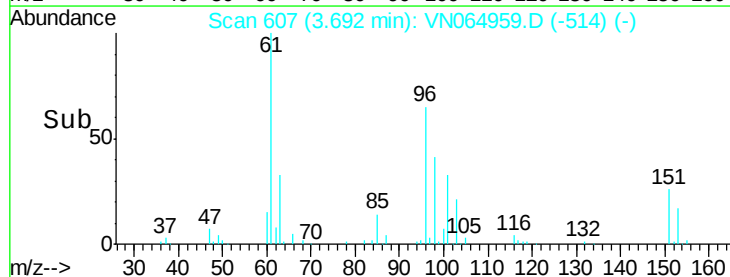
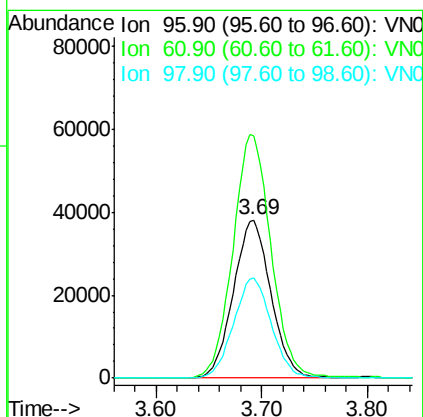
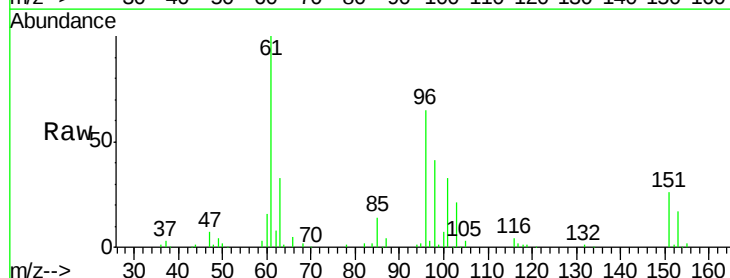
Tgt Ion: 59 Resp: 73975
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.9 11.9

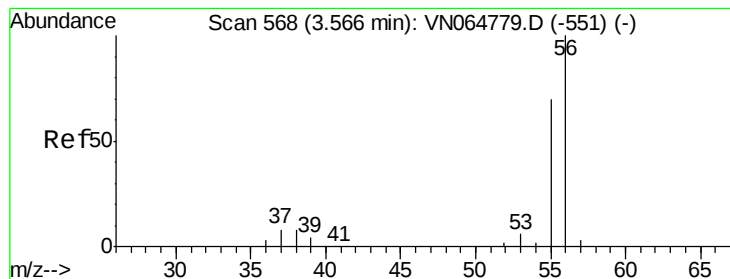


#12

1,1-Dichloroethene
 Concen: 43.211 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 96 Resp: 94344
 Ion Ratio Lower Upper
 96 100
 61 153.6 123.4 185.2
 98 63.6 49.8 74.8





#13

Acrolein

Concen: 270.418 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

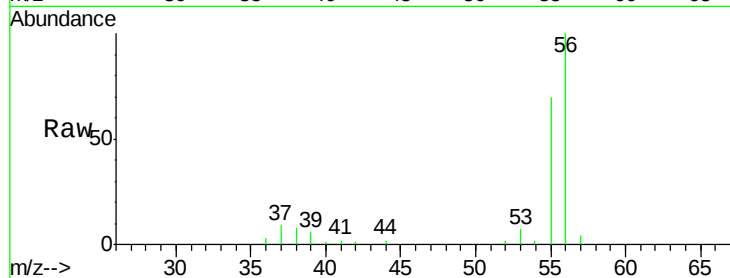
VSTDCCC050

Tgt Ion: 56 Resp: 67427

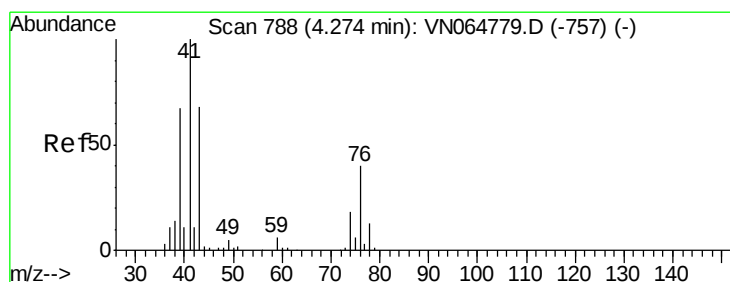
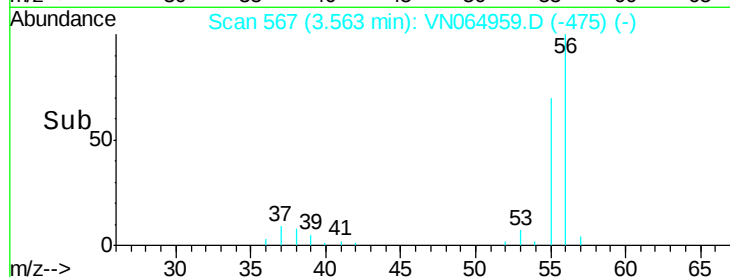
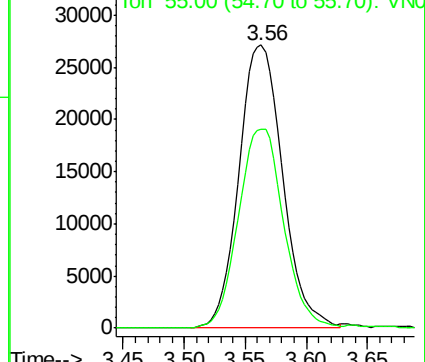
Ion Ratio Lower Upper

56 100

55 72.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)



#14

Allyl chloride

Concen: 43.099 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

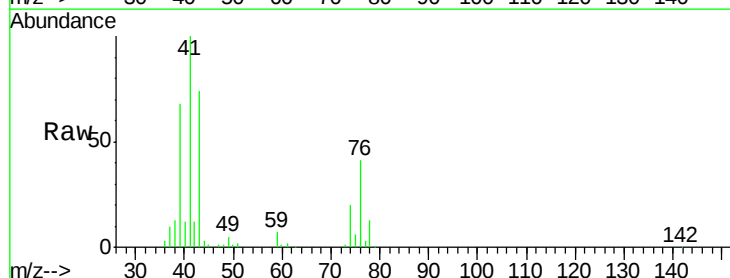
Tgt Ion: 41 Resp: 155201

Ion Ratio Lower Upper

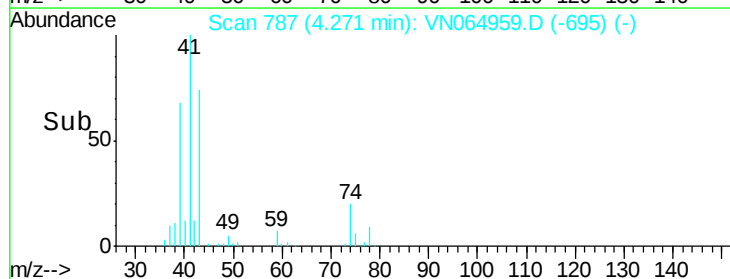
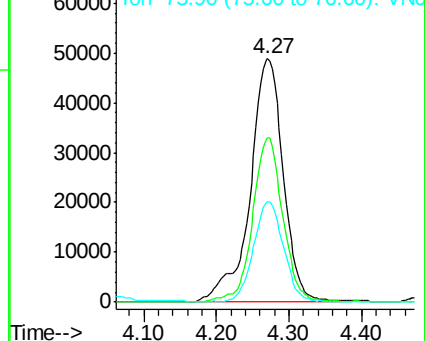
41 100

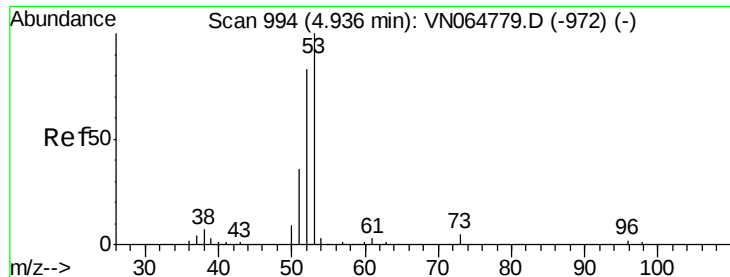
39 61.6 50.9 76.3

76 37.4 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)





#15

Acrylonitrile

Concen: 209.790 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

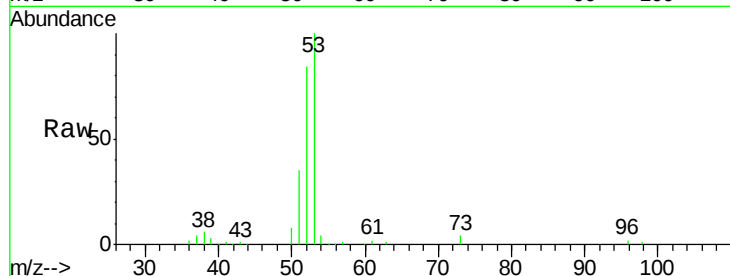
Tgt Ion: 53 Resp: 236580

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

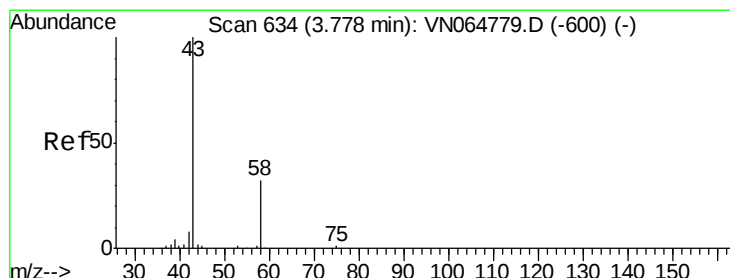
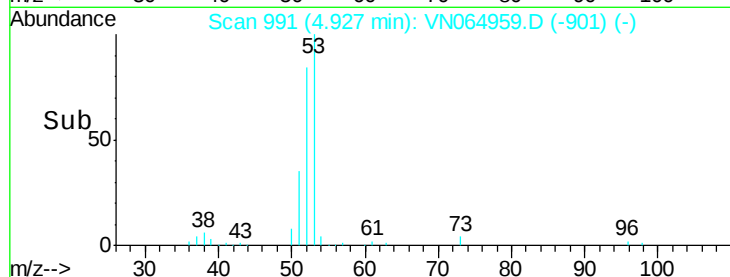
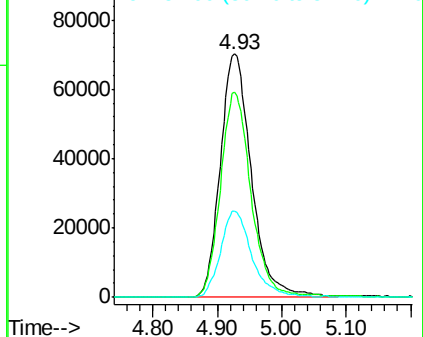
51 35.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



#16

Acetone

Concen: 243.606 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN064959.D

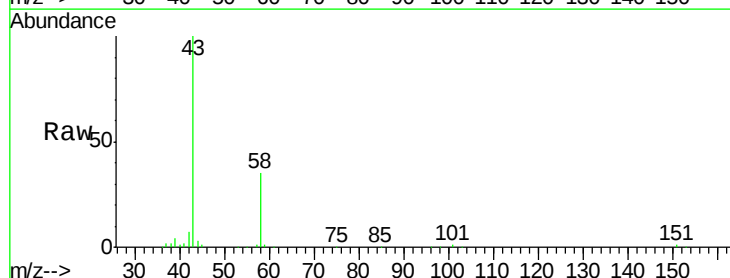
Acq: 8 Dec 2020 10:30

Tgt Ion: 43 Resp: 209614

Ion Ratio Lower Upper

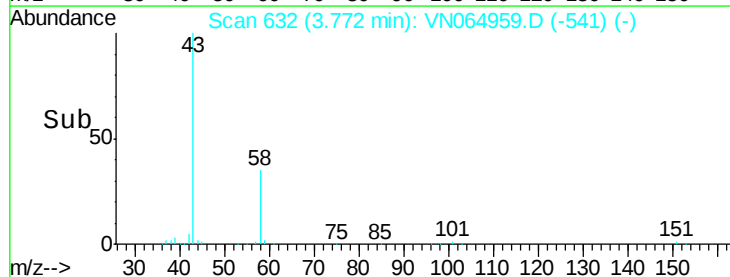
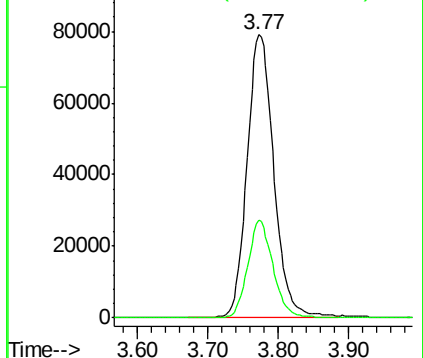
43 100

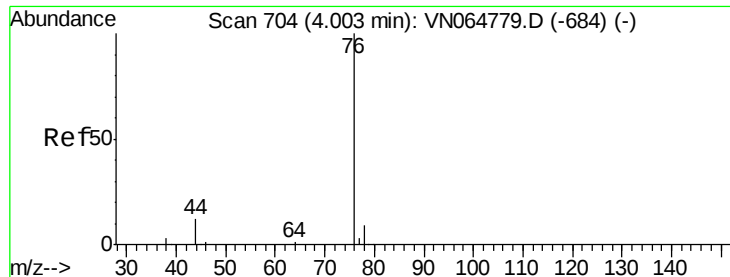
58 34.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)





#17

Carbon Disulfide

Concen: 40.079 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

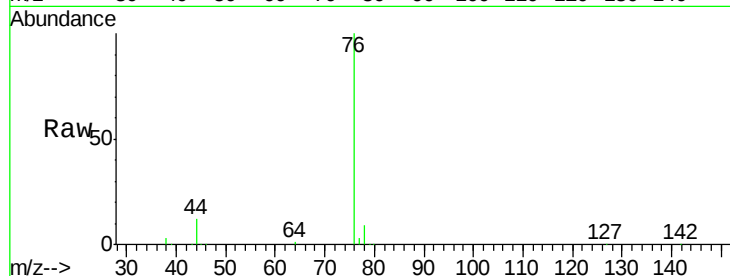
VSTDCCC050

Tgt Ion: 76 Resp: 225933

Ion Ratio Lower Upper

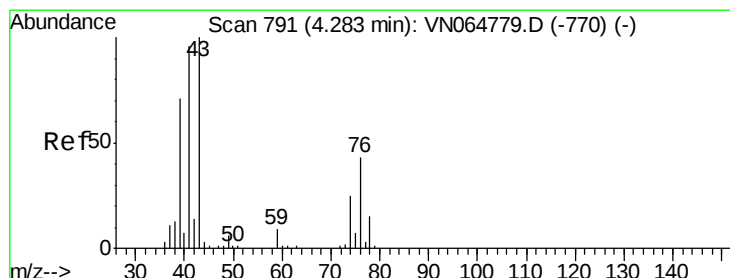
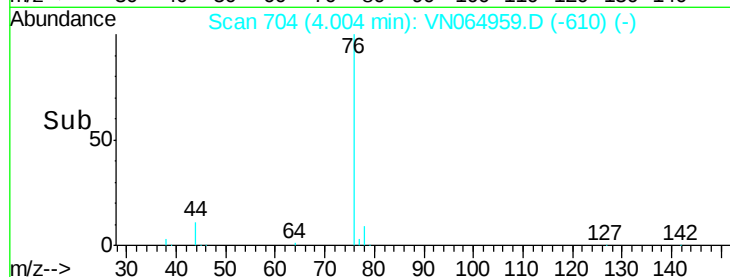
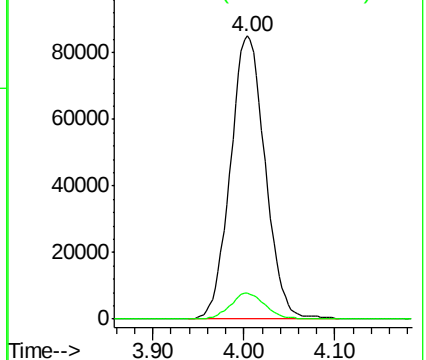
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN064959.D (-610) (-)

Ion 77.90 (77.60 to 78.60): VN064959.D (-610) (-)



#18

Methyl Acetate

Concen: 42.917 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064959.D

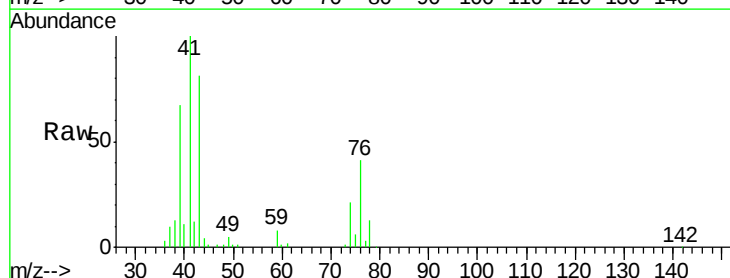
Acq: 8 Dec 2020 10:30

Tgt Ion: 43 Resp: 111028

Ion Ratio Lower Upper

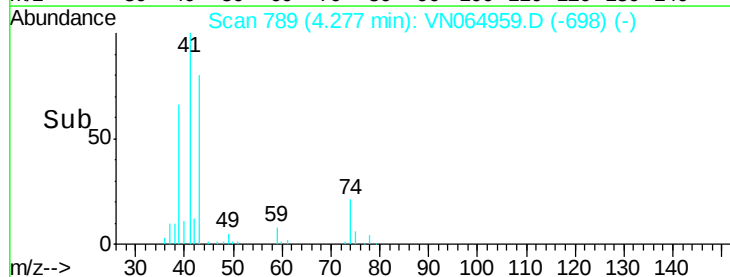
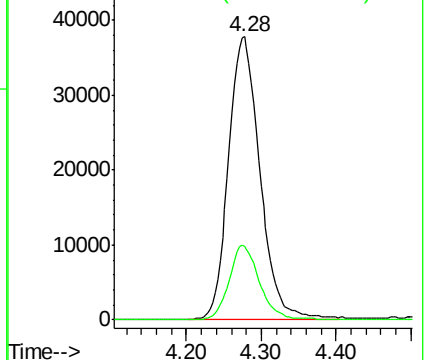
43 100

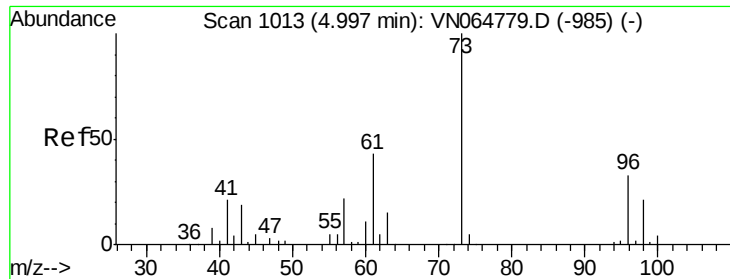
74 25.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN064959.D (-698) (-)

Ion 74.00 (73.70 to 74.70): VN064959.D (-698) (-)

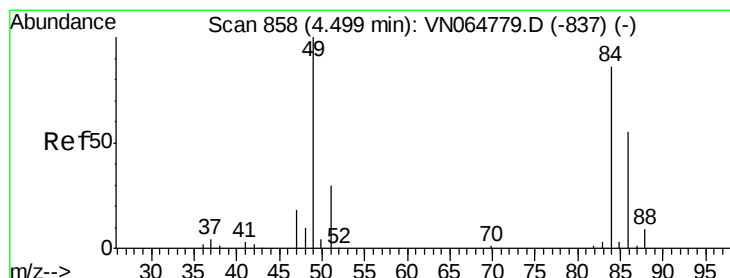
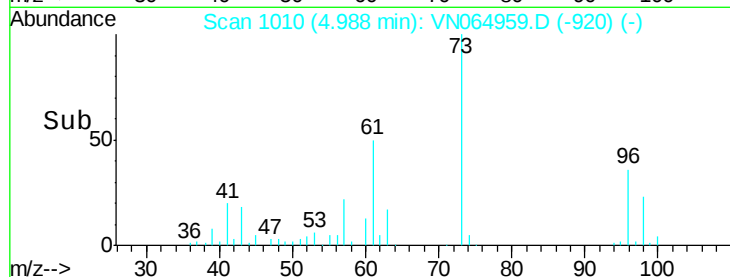
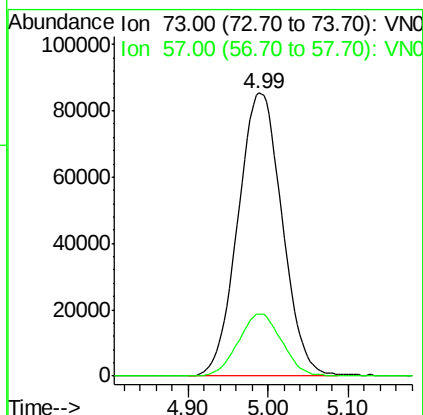
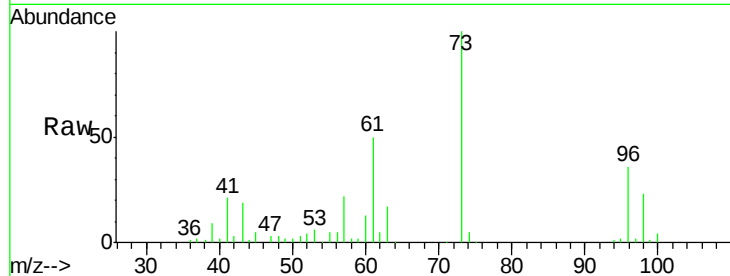




#19
Methyl tert-butyl Ether
Concen: 45.955 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

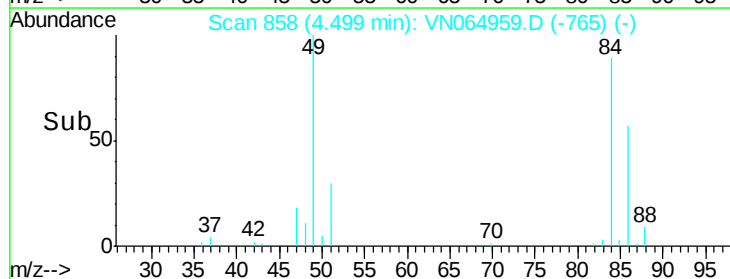
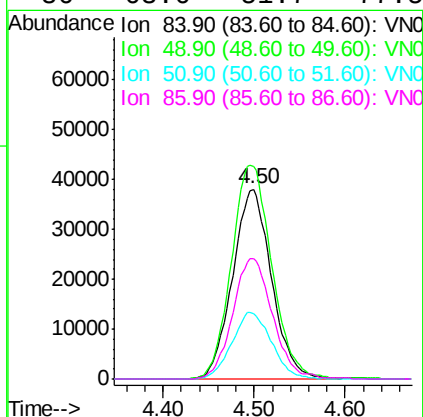
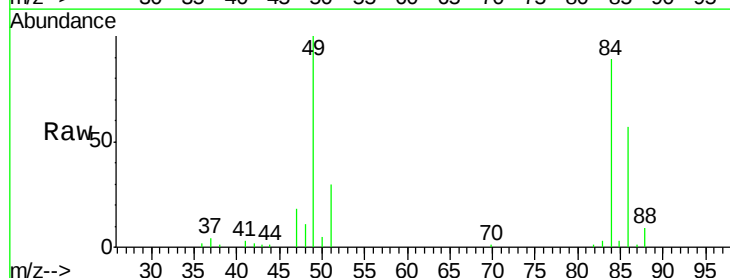
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

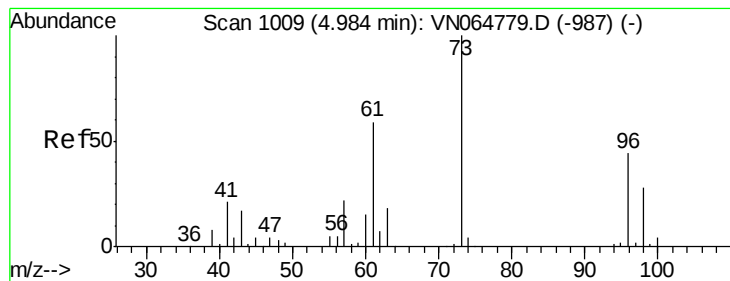
Tgt Ion: 73 Resp: 321791
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 41.895 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 84 Resp: 112962
Ion Ratio Lower Upper
84 100
49 111.8 93.4 140.0
51 34.1 28.2 42.4
86 63.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 43.052 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

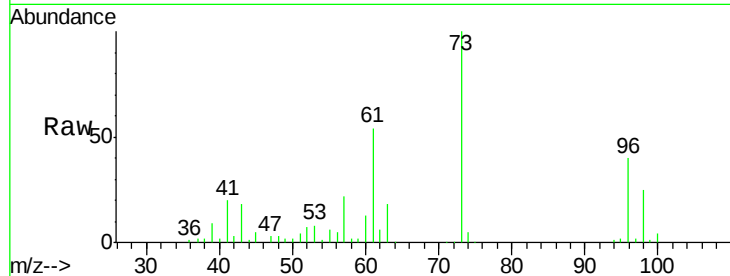
Tgt Ion: 96 Resp: 104383

Ion Ratio Lower Upper

96 100

61 135.3 108.4 162.6

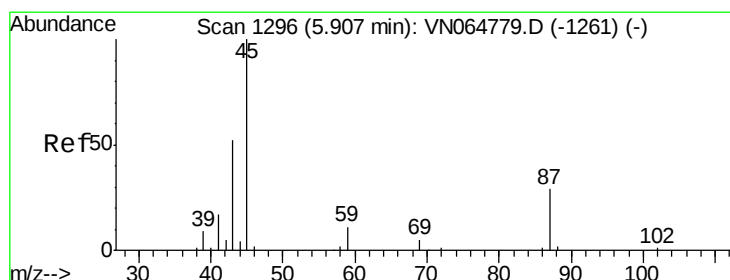
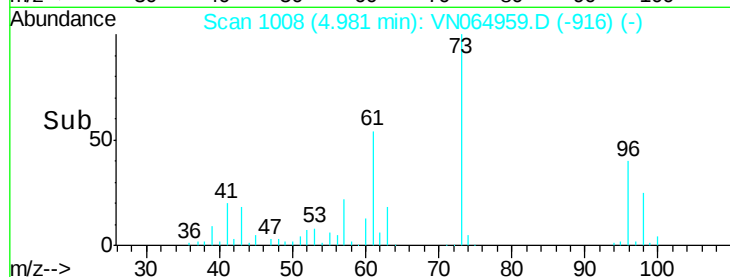
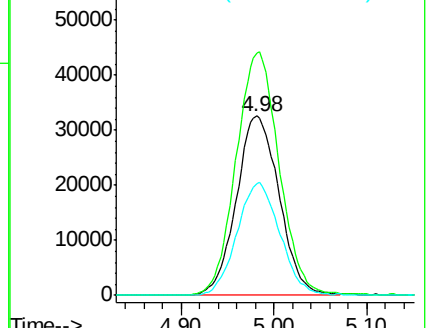
98 62.3 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-987) (-)



#22

Diisopropyl ether

Concen: 46.987 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion: 45 Resp: 338670

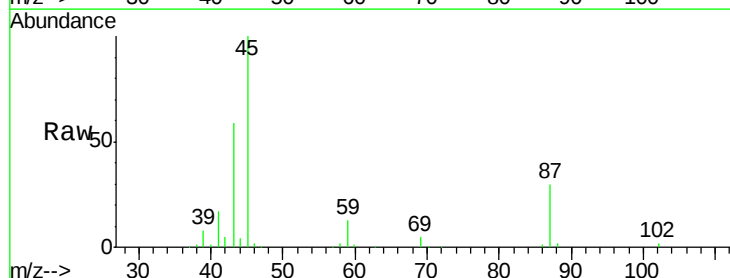
Ion Ratio Lower Upper

45 100

43 57.9 46.2 69.2

87 30.4 24.1 36.1

59 12.6 9.0 13.4

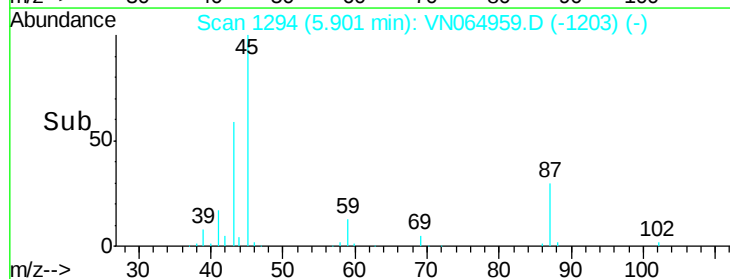
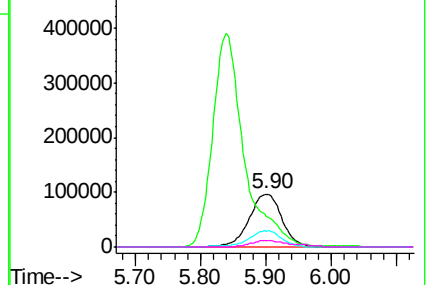


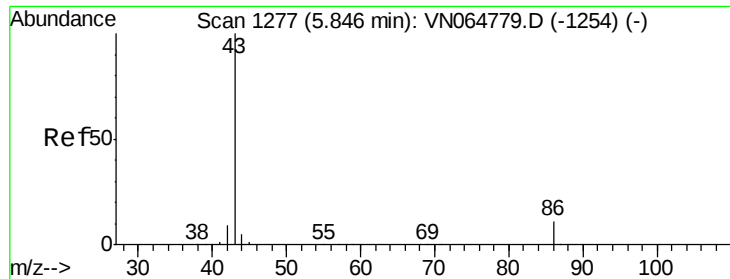
Abundance Ion 45.00 (44.70 to 45.70): VN064779.D (-1261) (-)

Ion 43.00 (42.70 to 43.70): VN064779.D (-1261) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1261) (-)

Ion 59.00 (58.70 to 59.70): VN064779.D (-1261) (-)





#23

Vinyl Acetate

Concen: 227.294 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

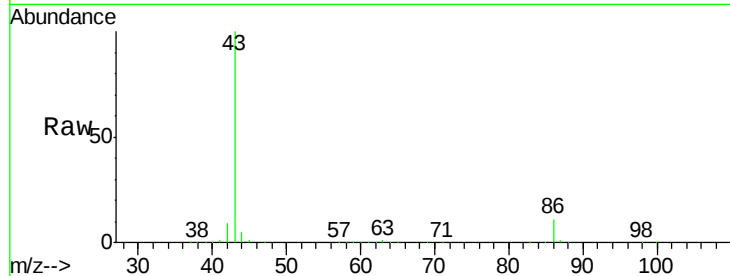
VSTDCCC050

Tgt Ion: 43 Resp: 1310085

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064959.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064959.D (-1184) (-)

5.84

400000

300000

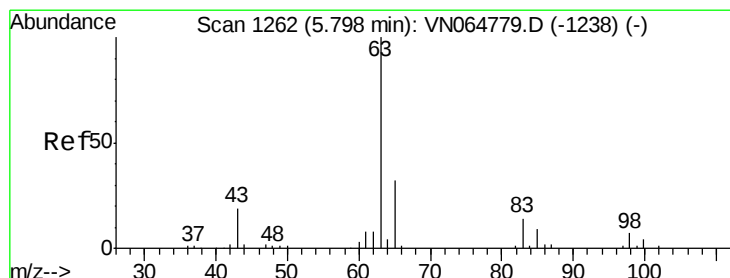
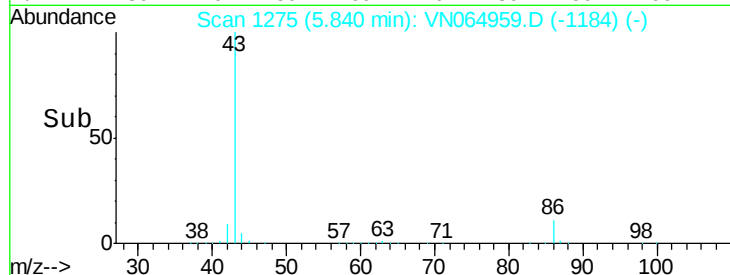
200000

100000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 45.888 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

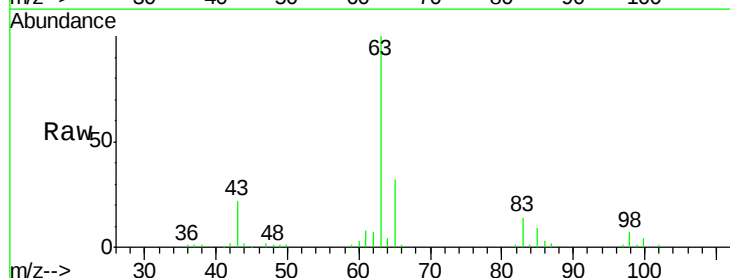
Tgt Ion: 63 Resp: 197667

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064959.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064959.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064959.D (-1169) (-)

5.79

80000

60000

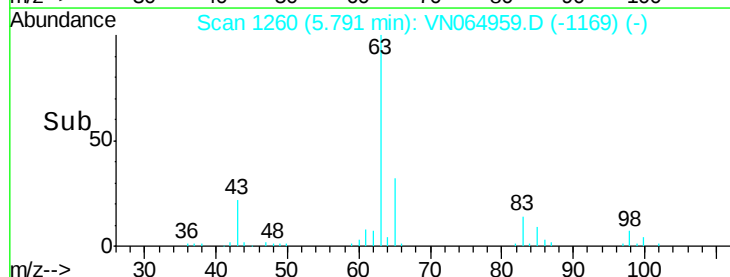
40000

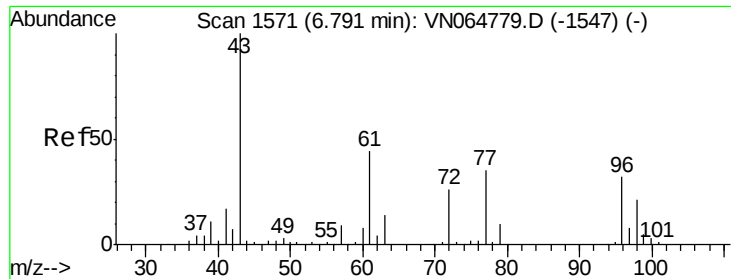
20000

0

5.70 5.80 5.90

Time-->

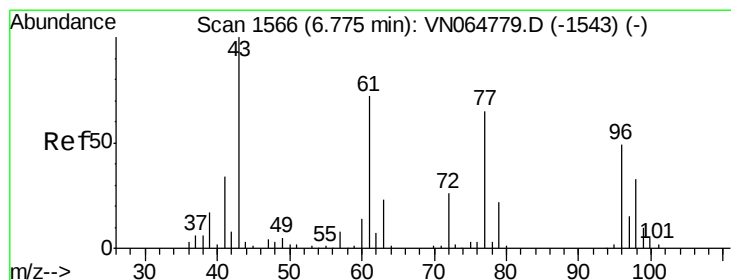
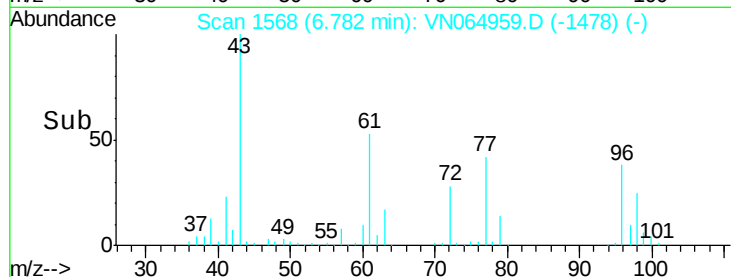
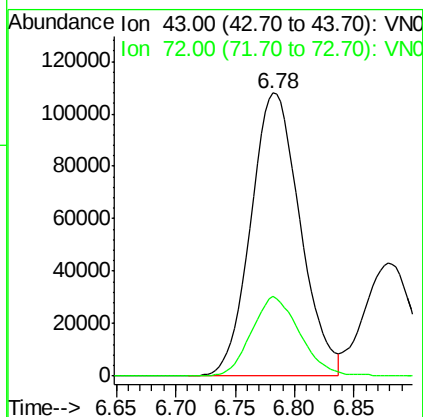
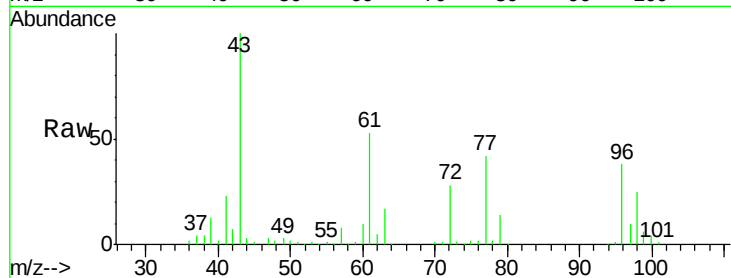




#25
2-Butanone
Concen: 222.095 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

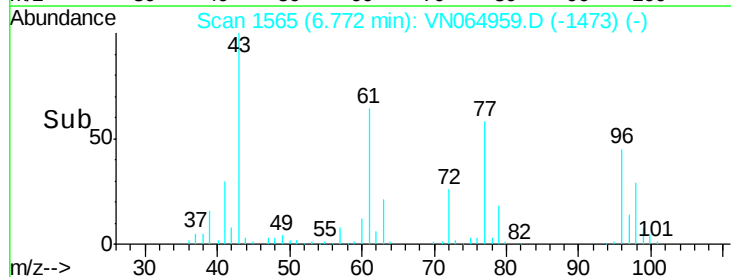
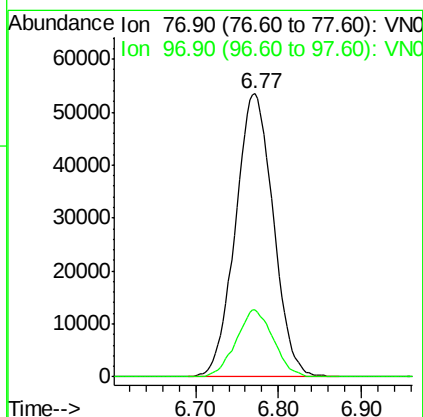
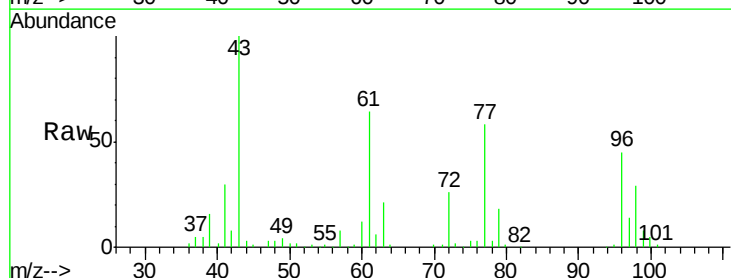
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

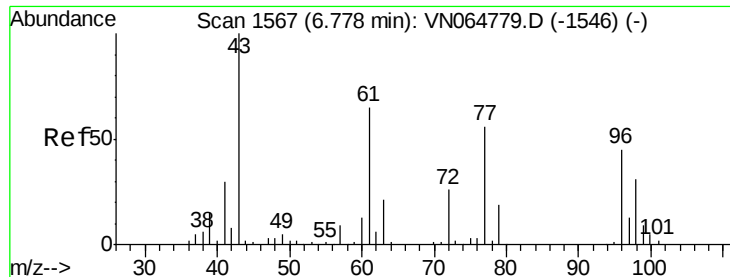
Tgt Ion: 43 Resp: 309790
Ion Ratio Lower Upper
43 100
72 28.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 45.440 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 77 Resp: 169765
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 45.464 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

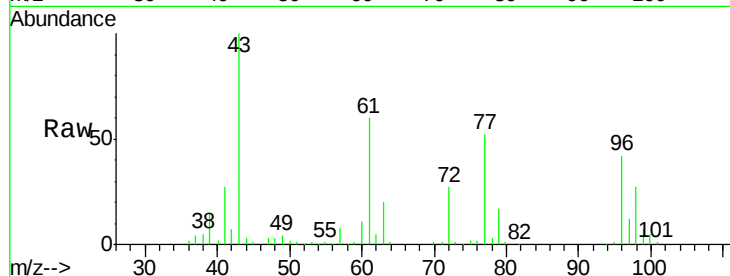
Tgt Ion: 96 Resp: 124037

Ion Ratio Lower Upper

96 100

61 141.9 0.0 285.8

98 64.8 0.0 130.6

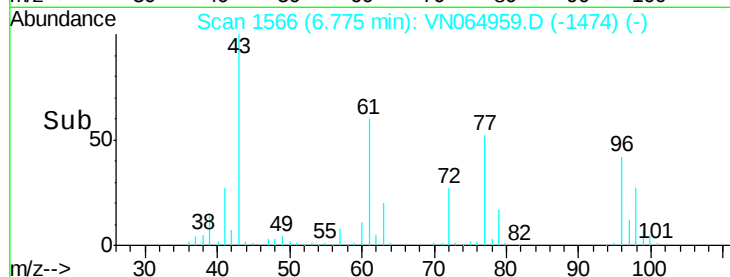


Abundance Ion 95.90 (95.60 to 96.60): VN064959.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064959.D (-1546) (-)

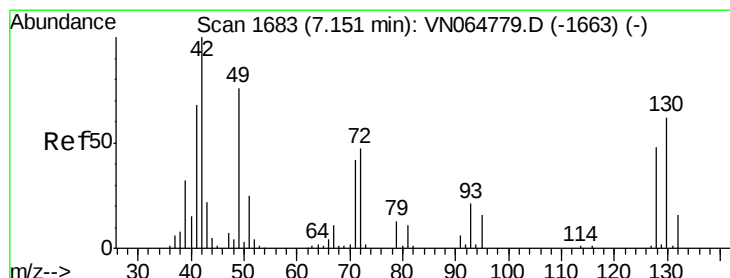
Ion 97.90 (97.60 to 98.60): VN064959.D (-1546) (-)

Time-->



6.78

Time-->



#28

Bromochloromethane

Concen: 40.918 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

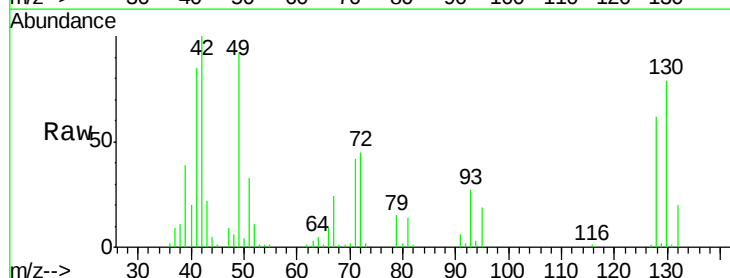
Tgt Ion: 49 Resp: 80634

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

130 85.5 66.2 99.2

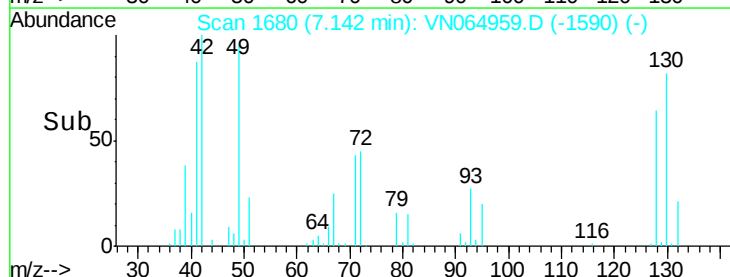


Abundance Ion 48.90 (48.60 to 49.60): VN064959.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064959.D (-1590) (-)

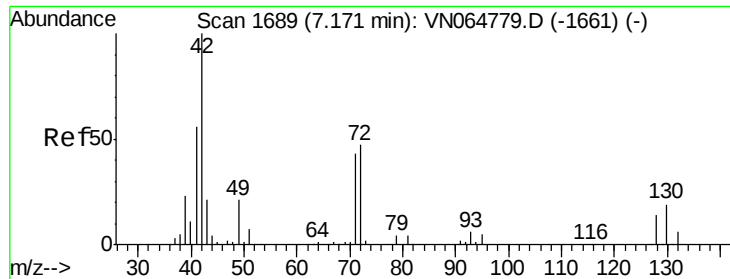
Ion 129.80 (129.50 to 130.50): VN064959.D (-1590) (-)

Time-->



7.14

Time-->



#29

Tetrahydrofuran

Concen: 197.832 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

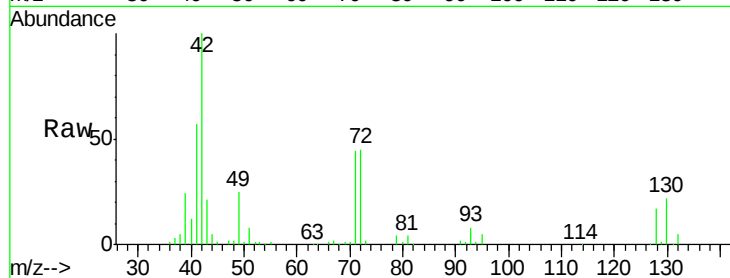
Tgt Ion: 42 Resp: 190484

Ion Ratio Lower Upper

42 100

72 46.2 36.6 54.8

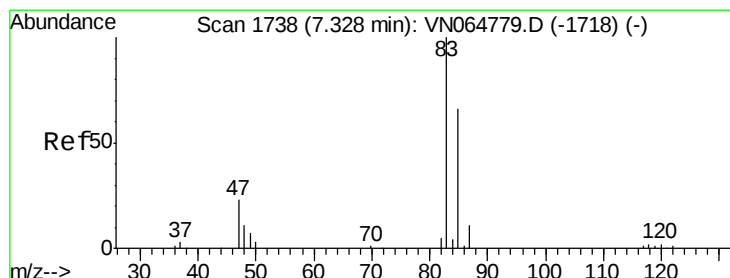
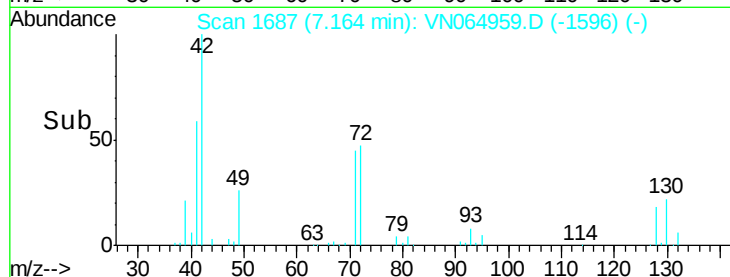
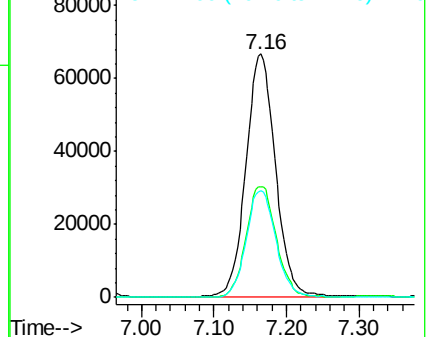
71 43.6 33.6 50.4



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: 45.287 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064959.D

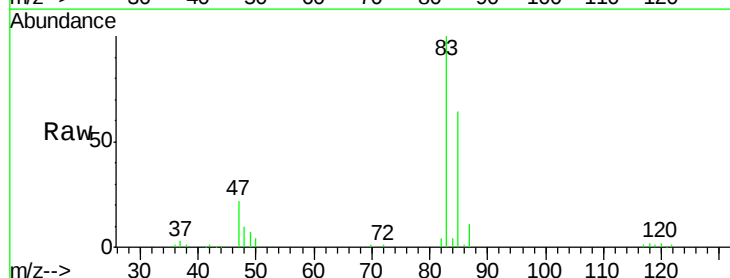
Acq: 8 Dec 2020 10:30

Tgt Ion: 83 Resp: 201174

Ion Ratio Lower Upper

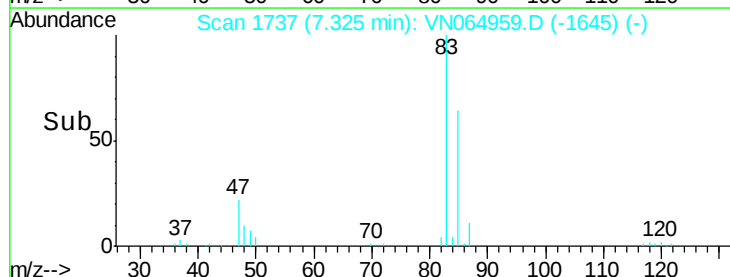
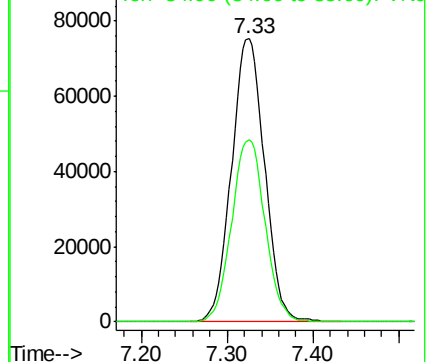
83 100

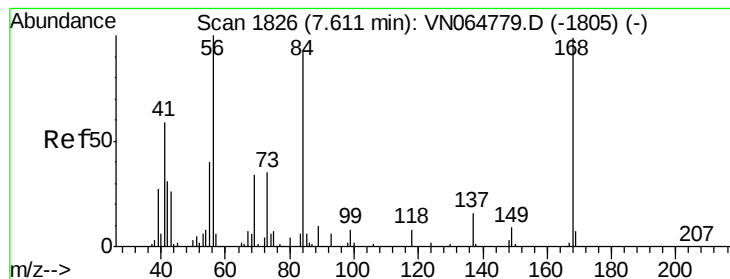
85 64.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 40.927 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

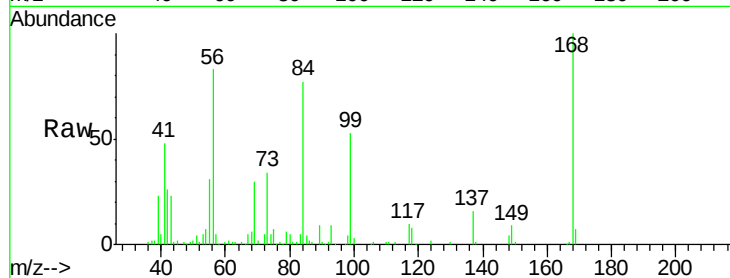
Tgt Ion: 56 Resp: 149310

Ion Ratio Lower Upper

56 100

69 35.6 27.5 41.3

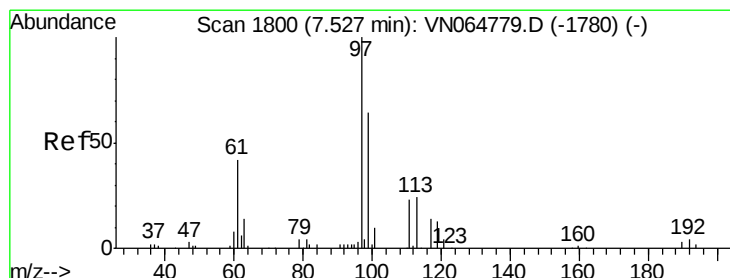
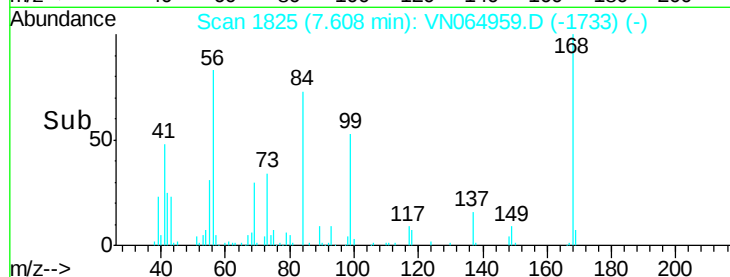
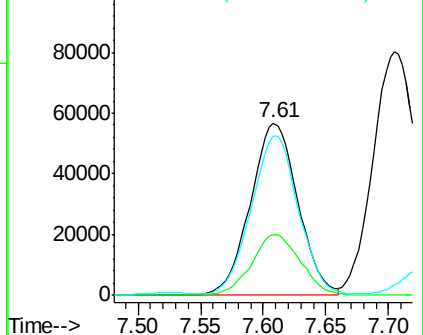
84 91.3 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064959.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064959.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064959.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 45.573 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

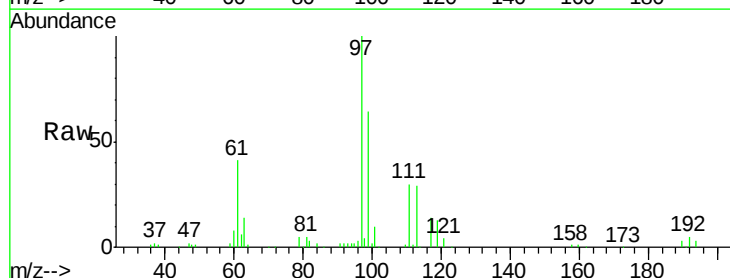
Tgt Ion: 97 Resp: 173872

Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

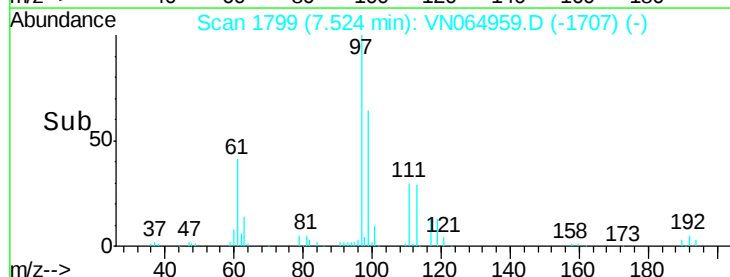
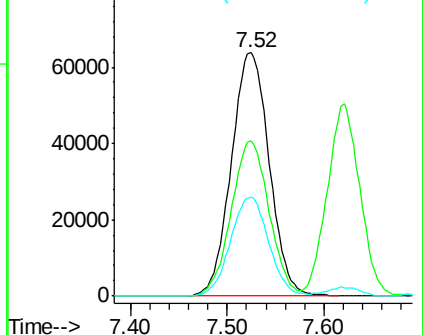
61 41.1 33.9 50.9

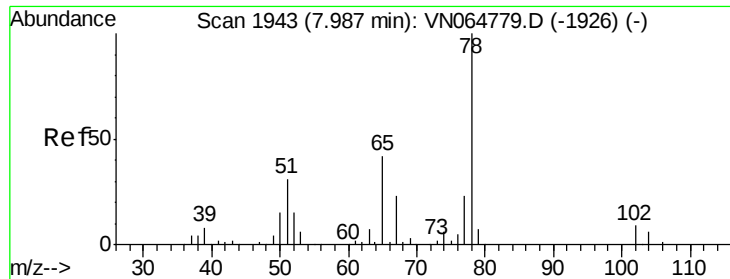


Abundance Ion 96.90 (96.60 to 97.60): VN064959.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064959.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064959.D (-1707) (-)

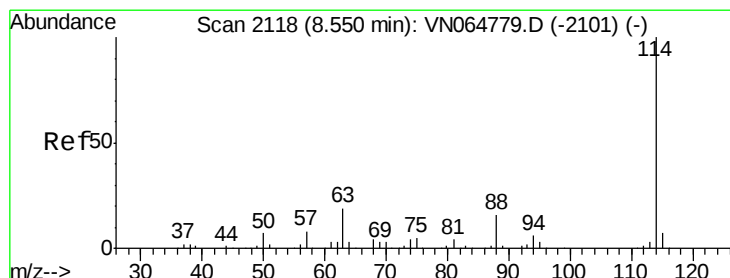
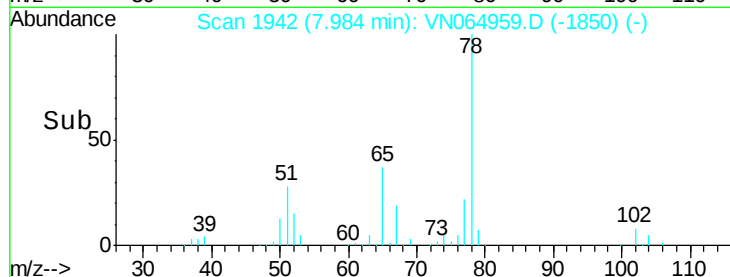
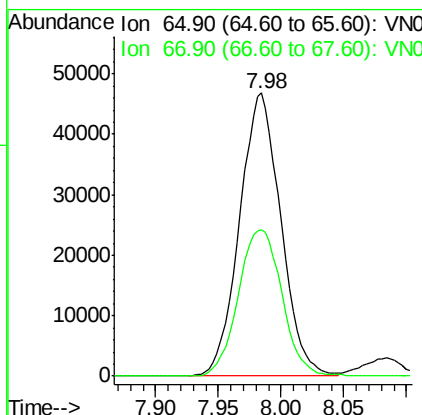
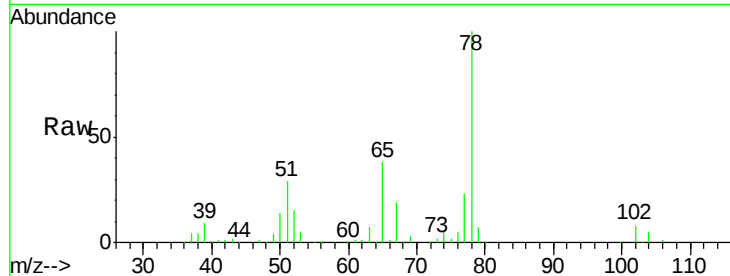




#33
 1,2-Dichloroethane-d4
 Concen: 40.979 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

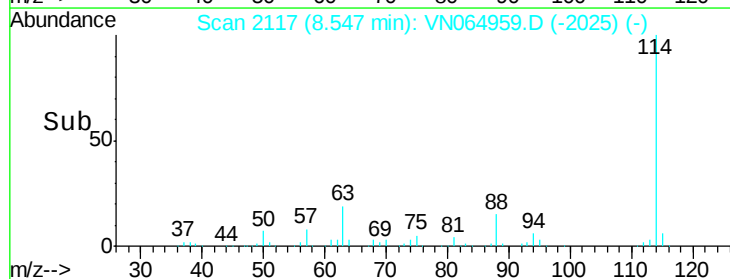
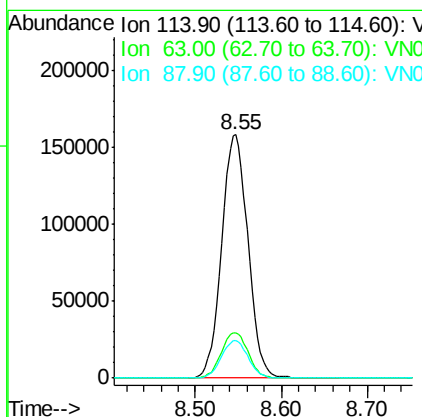
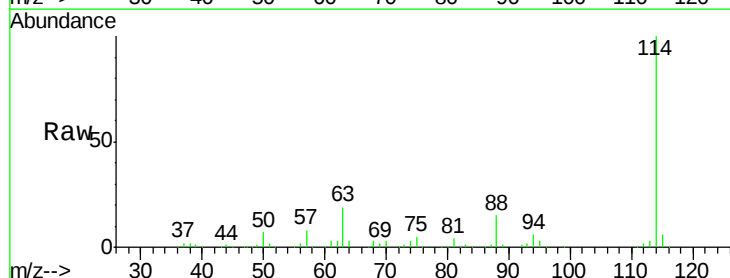
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

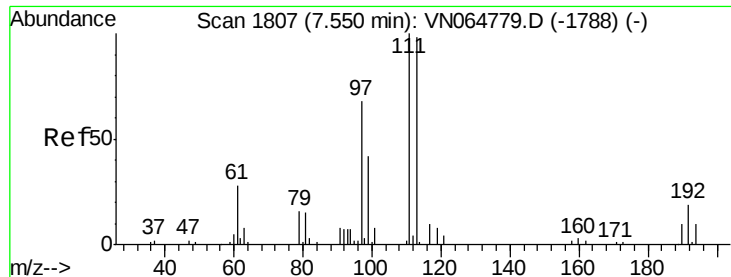
Tgt Ion: 65 Resp: 107265
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 114 Resp: 335517
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.3 0.0 32.6

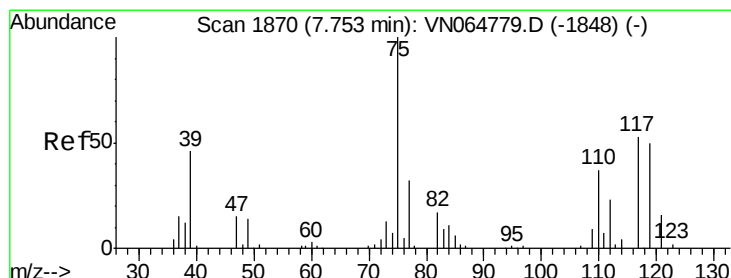
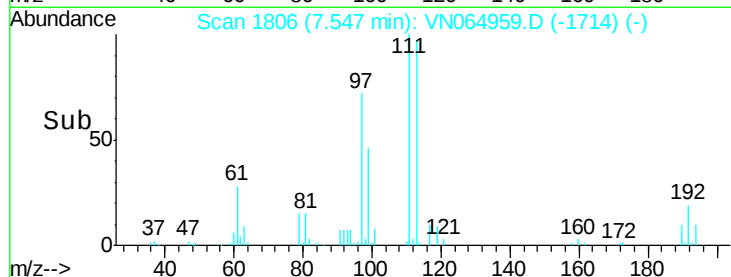
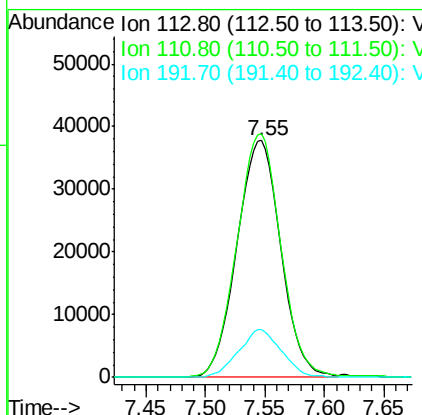
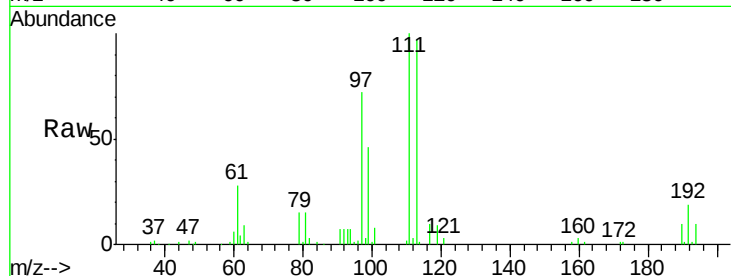




#35
 Dibromofluoromethane
 Concen: 47.971 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

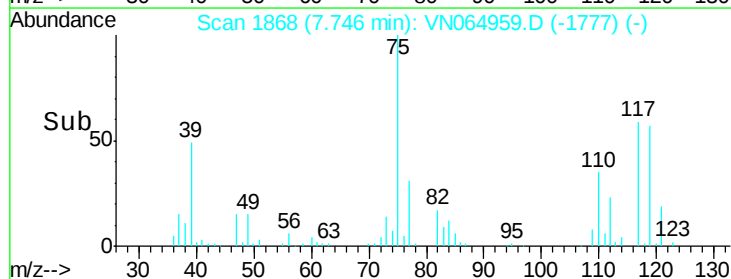
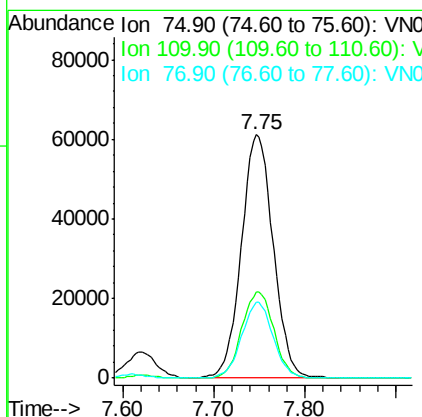
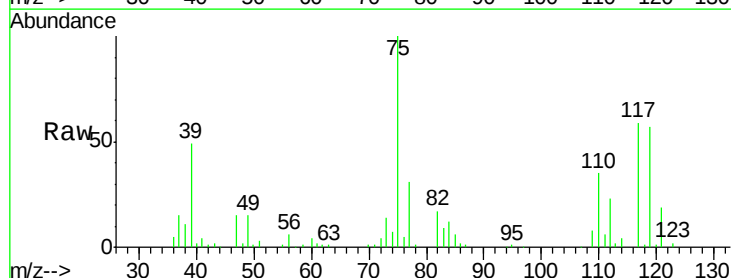
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

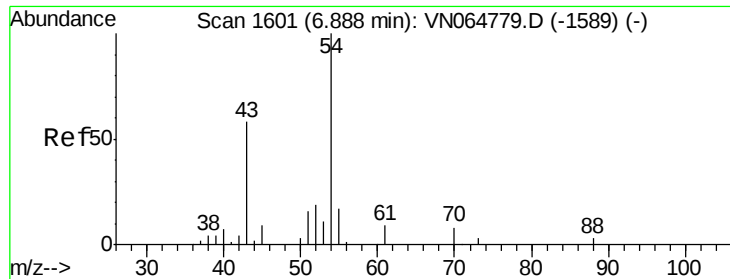
Tgt Ion: 113 Resp: 96307
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 47.897 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 75 Resp: 148955
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.8 53.3
 77 30.8 25.0 37.4

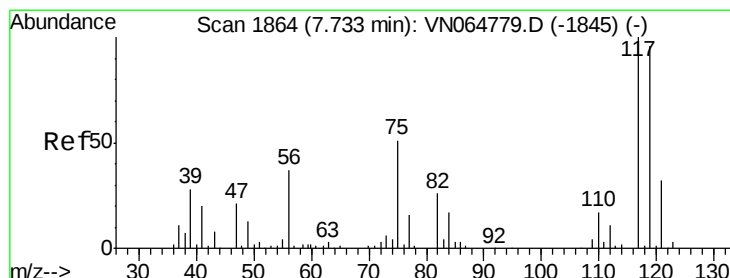
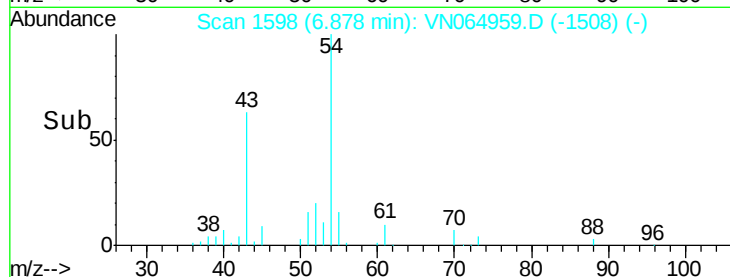
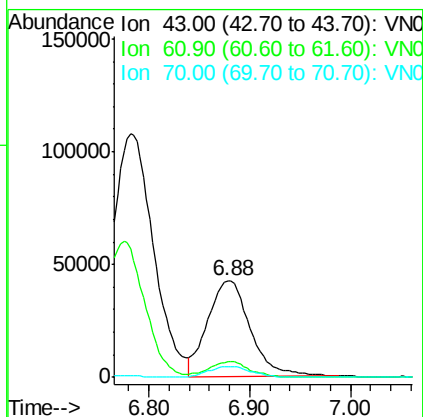
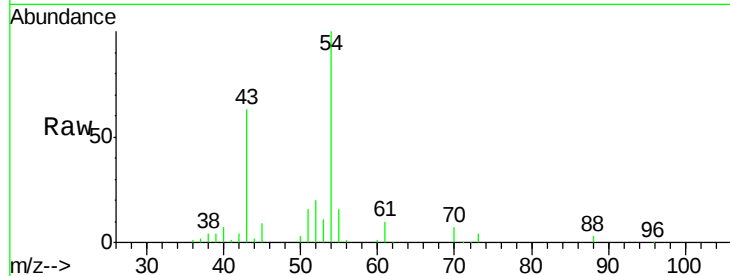




#37
Ethyl Acetate
Concen: 41.608 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

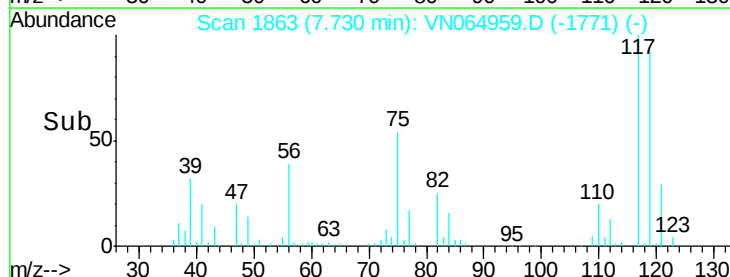
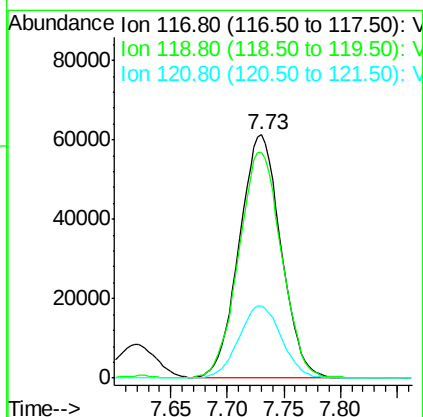
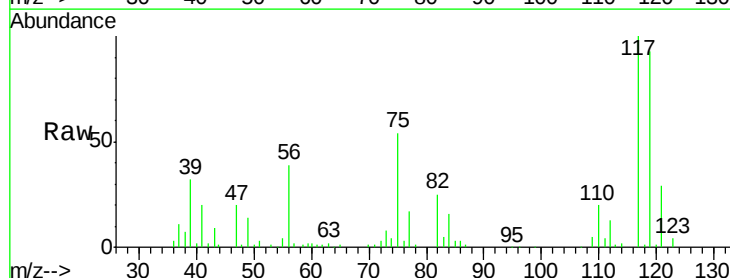
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

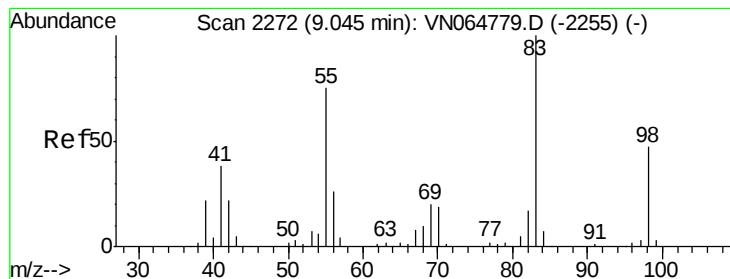
Tgt Ion: 43 Resp: 124644
Ion Ratio Lower Upper
43 100
61 14.9 12.8 19.2
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 48.114 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 117 Resp: 155690
Ion Ratio Lower Upper
117 100
119 92.7 76.7 115.1
121 29.6 25.4 38.2





#39

Methylcyclohexane

Concen: 44.421 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

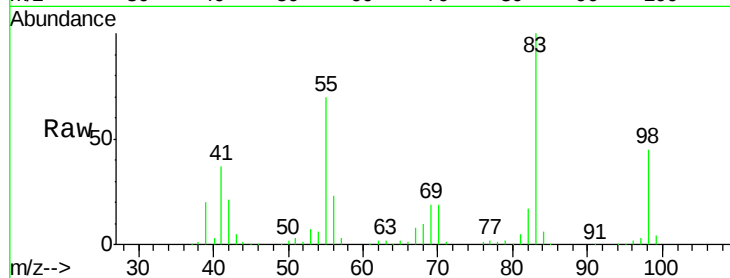
Tgt Ion: 83 Resp: 148713

Ion Ratio Lower Upper

83 100

55 69.8 60.2 90.2

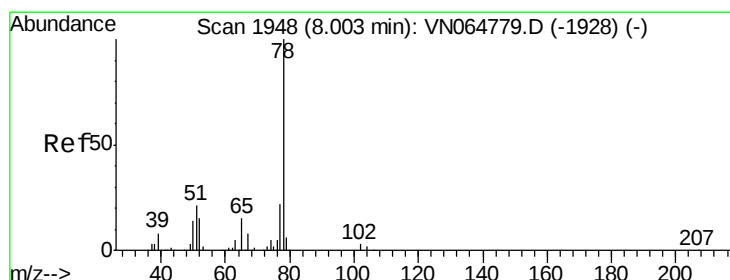
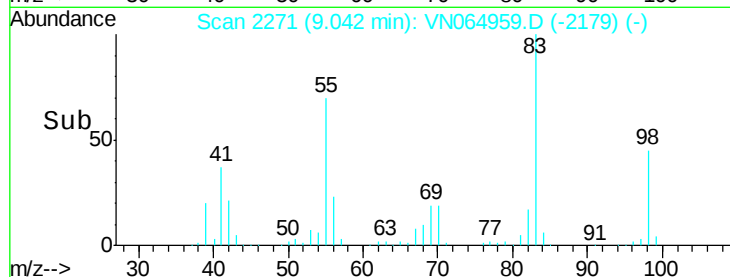
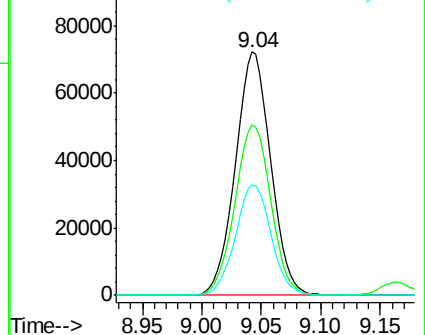
98 45.5 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN064779.D (-2255) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN064779.D (-2255) (-)



#40

Benzene

Concen: 47.033 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN064959.D

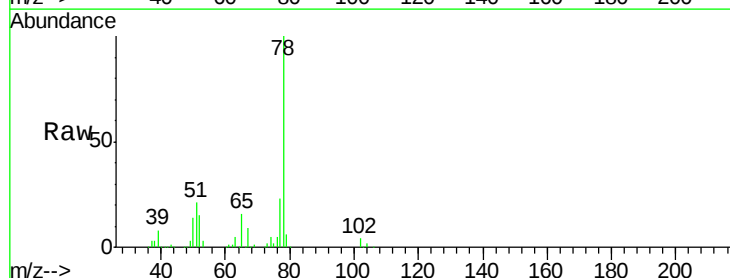
Acq: 8 Dec 2020 10:30

Tgt Ion: 78 Resp: 448217

Ion Ratio Lower Upper

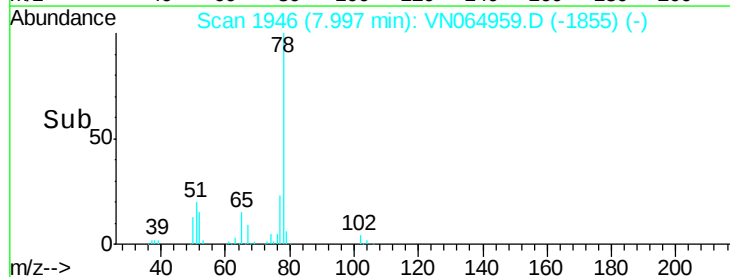
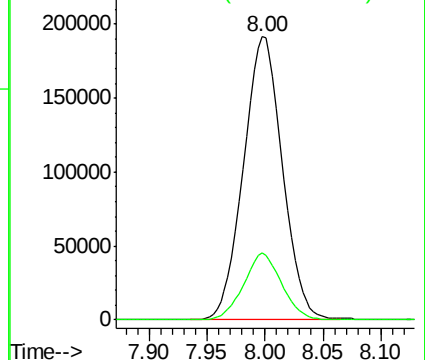
78 100

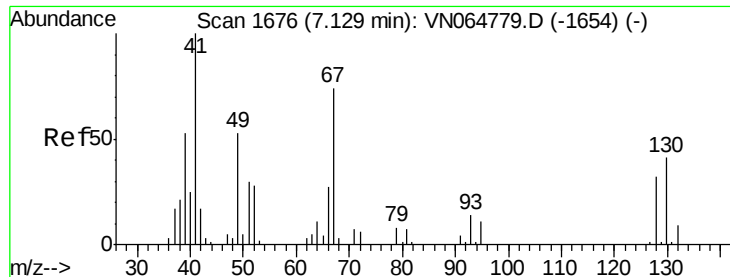
77 23.5 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN064779.D (-1928) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-1928) (-)

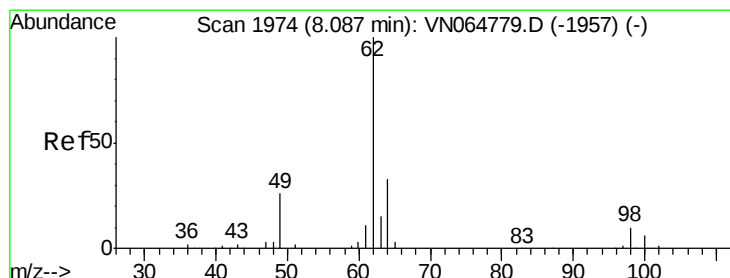
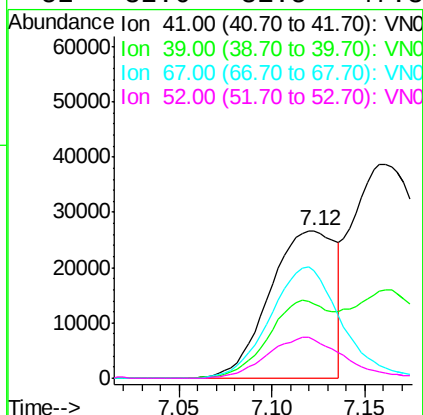
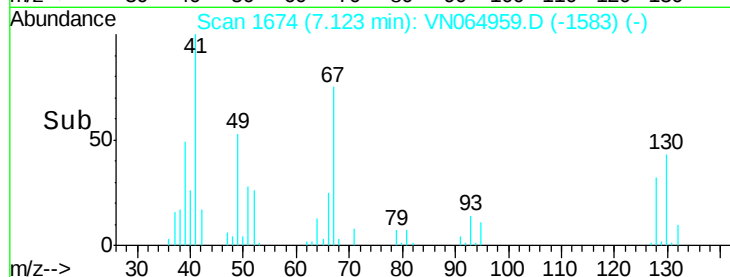
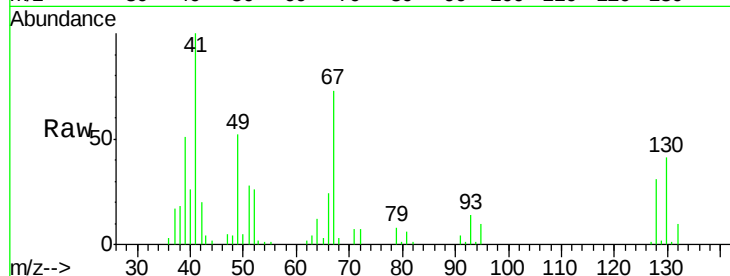




#41
Methacrylonitrile
Concen: 47.719 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

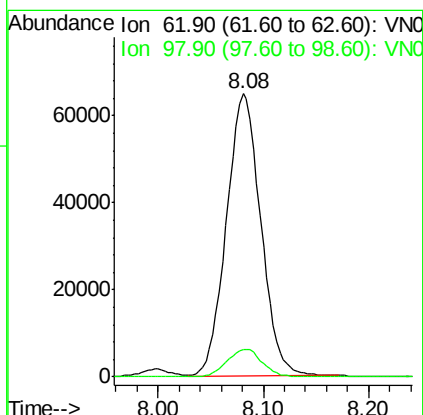
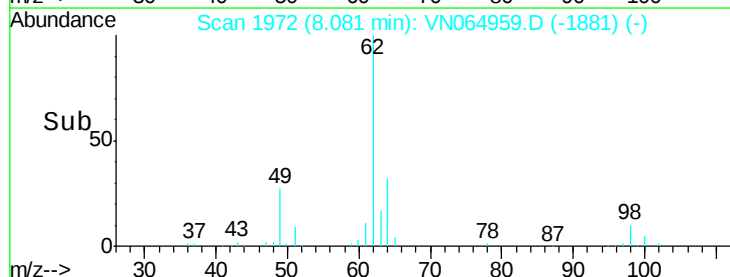
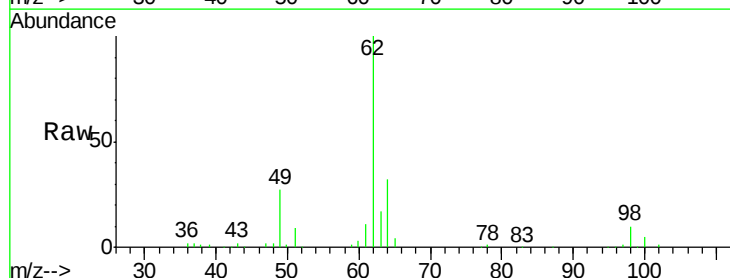
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

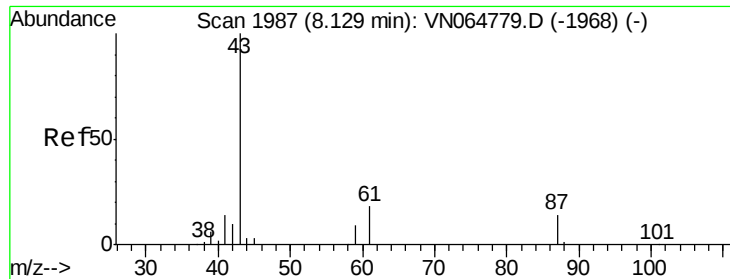
Tgt Ion: 41 Resp: 65960
Ion Ratio Lower Upper
41 100
39 47.7 51.0 76.6#
67 82.3 79.8 119.8
52 32.6 31.5 47.3



#42
1,2-Dichloroethane
Concen: 45.641 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 62 Resp: 146729
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.6

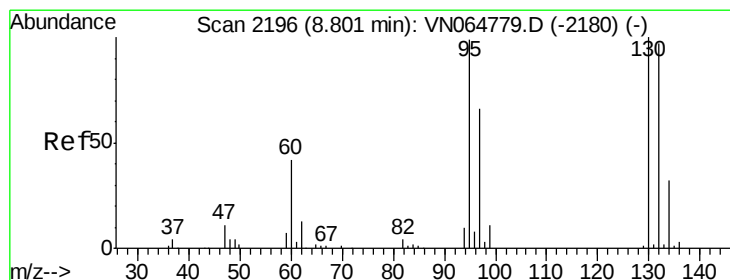
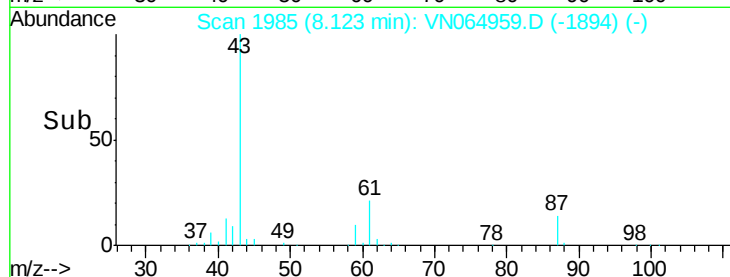
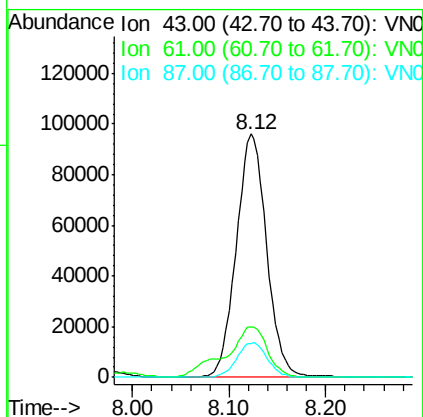
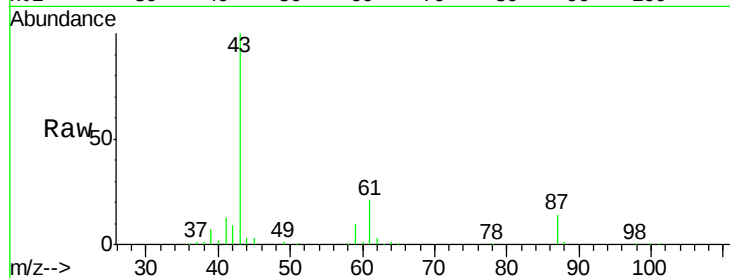




#43
Isopropyl Acetate
Concen: 43.522 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

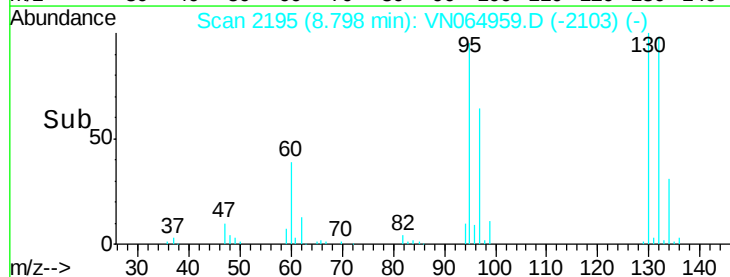
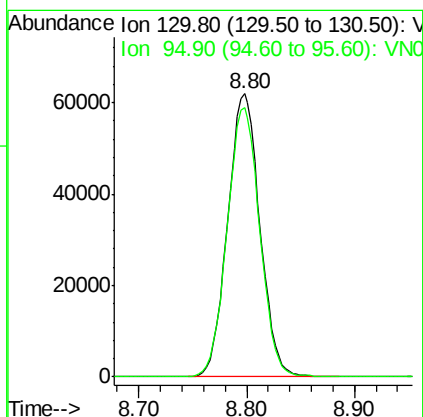
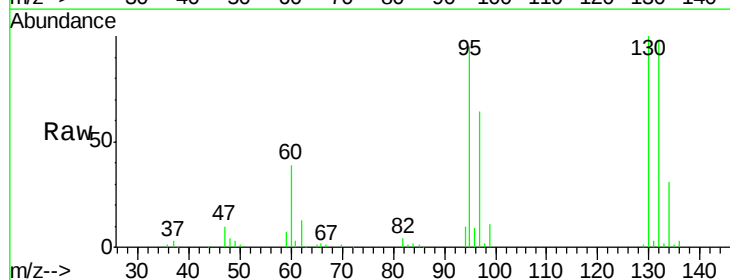
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

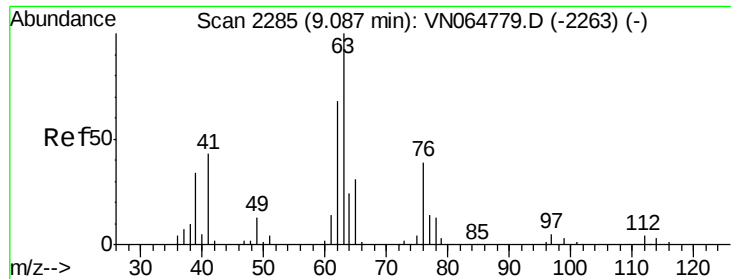
Tgt Ion: 43 Resp: 209796
Ion Ratio Lower Upper
43 100
61 28.8 17.2 25.8#
87 14.3 11.4 17.0



#44
Trichloroethene
Concen: 45.885 ug/l
RT: 8.80 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 130 Resp: 129019
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.8

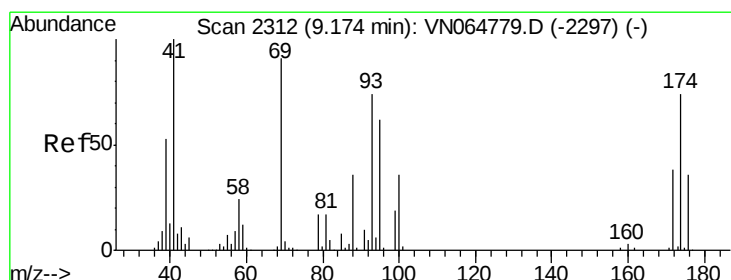
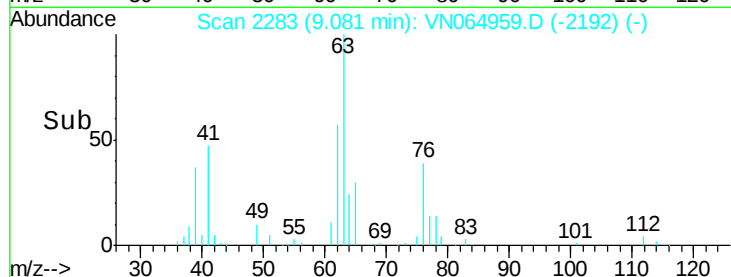
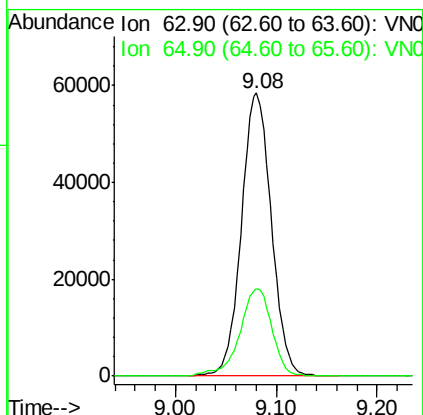
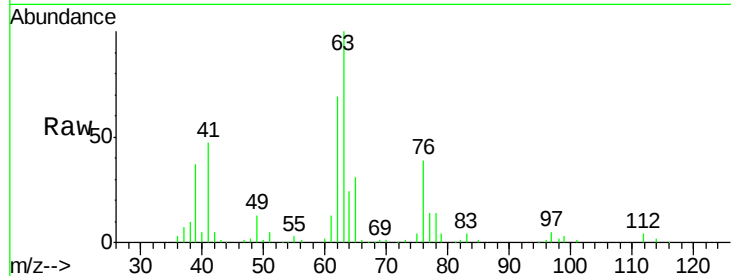




#45
 1,2-Dichloropropane
 Concen: 48.596 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

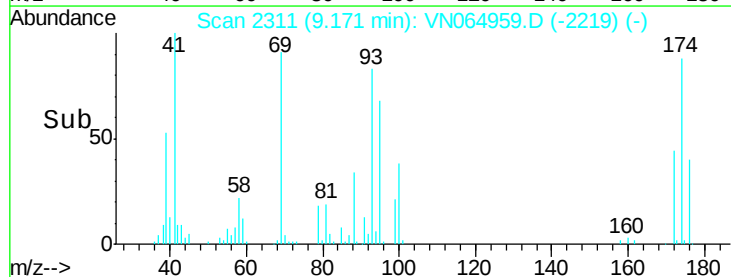
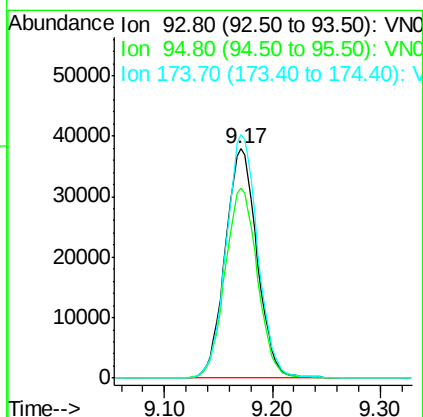
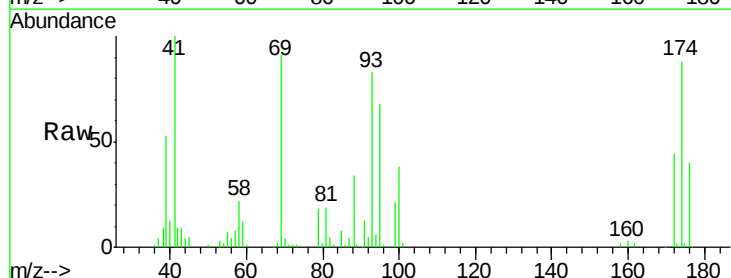
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

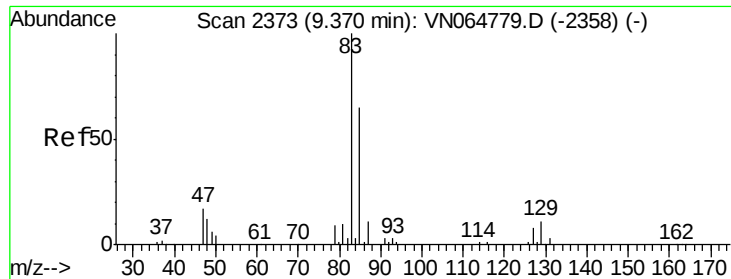
Tgt Ion: 63 Resp: 119931
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4



#46
 Dibromomethane
 Concen: 47.333 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 93 Resp: 78040
 Ion Ratio Lower Upper
 93 100
 95 83.9 68.8 103.2
 174 104.6 83.1 124.7





#47

Bromodichloromethane

Concen: 48.775 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

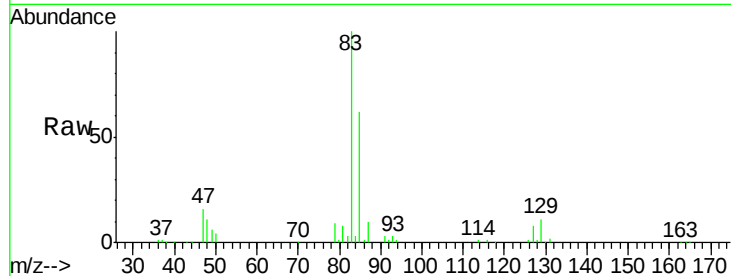
Tgt Ion: 83 Resp: 161809

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.8

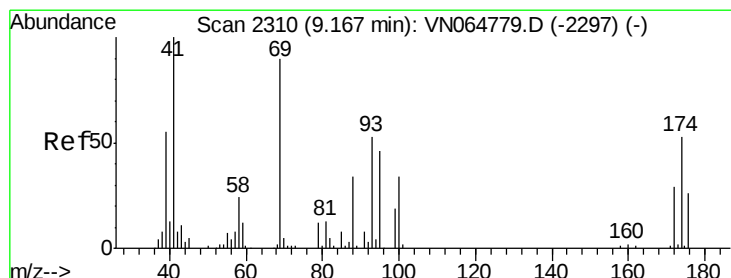
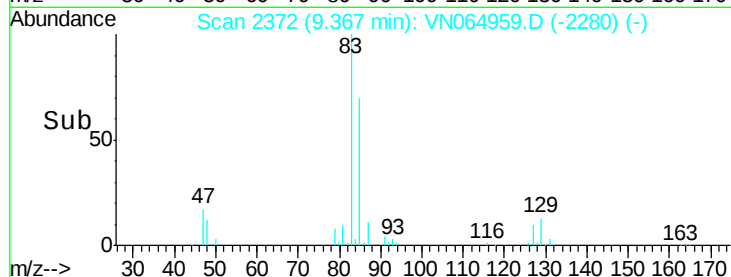
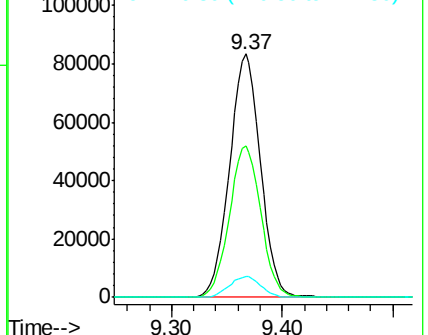
127 8.4 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064959.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064959.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064959.D (-2280) (-)



#48

Methyl methacrylate

Concen: 44.166 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

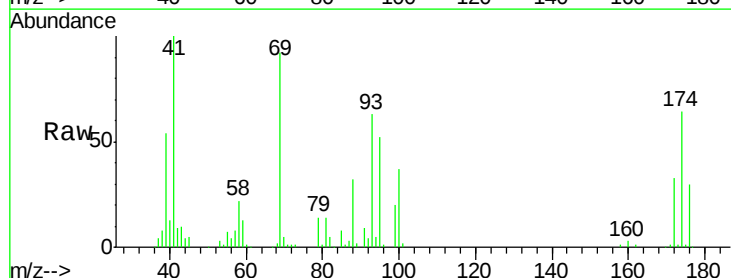
Tgt Ion: 41 Resp: 101731

Ion Ratio Lower Upper

41 100

69 93.2 71.8 107.8

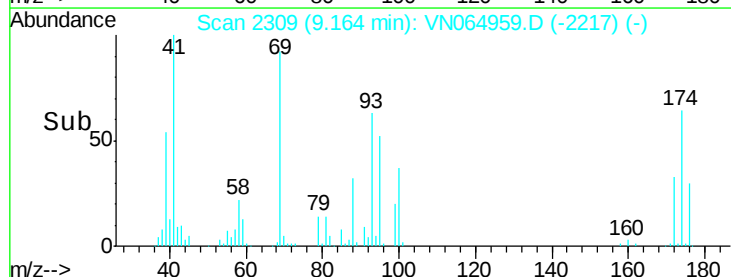
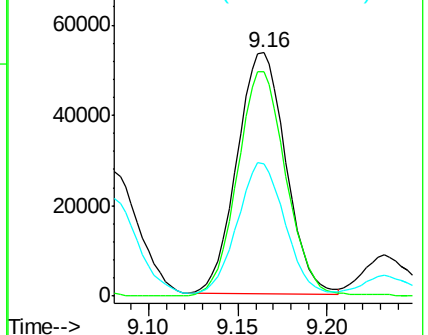
39 55.0 44.1 66.1

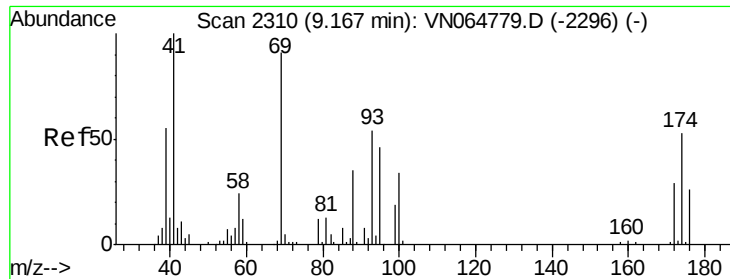


Abundance Ion 41.00 (40.70 to 41.70): VN064959.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064959.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064959.D (-2217) (-)





#49

1,4-Dioxane

Concen: 847.773 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

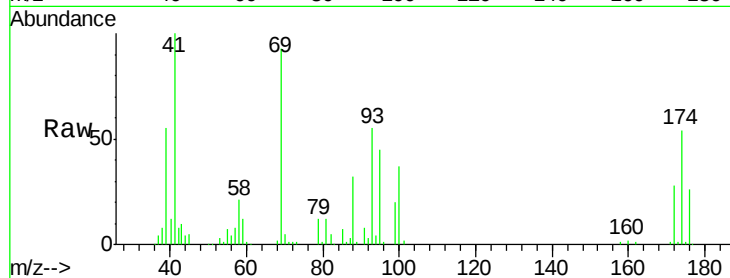
Tgt Ion: 88 Resp: 36907

Ion Ratio Lower Upper

88 100

43 30.7 24.2 36.4

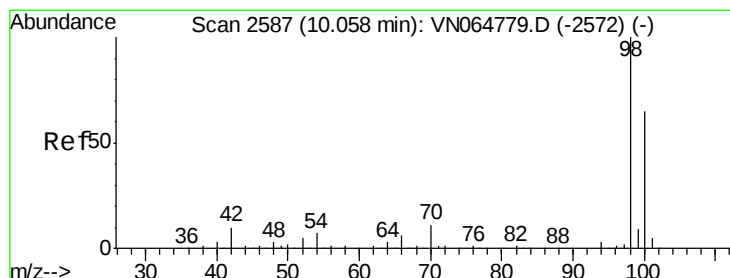
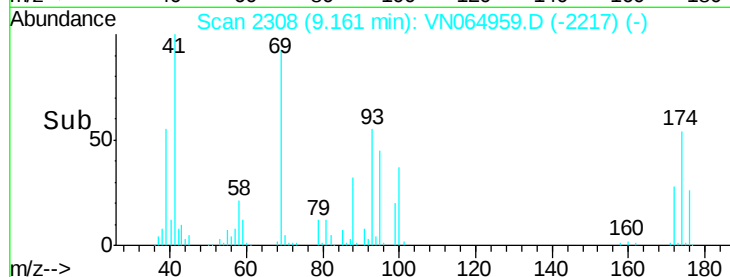
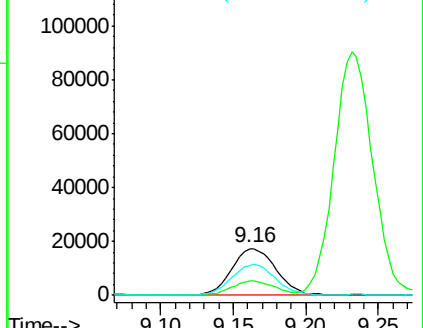
58 66.1 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN064779.D (-2296) (-)

Ion 43.00 (42.70 to 43.70): VN064779.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2296) (-)



#50

Toluene-d8

Concen: 45.324 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064959.D

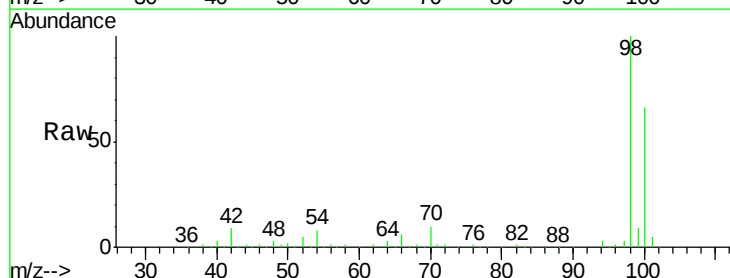
Acq: 8 Dec 2020 10:30

Tgt Ion: 98 Resp: 371795

Ion Ratio Lower Upper

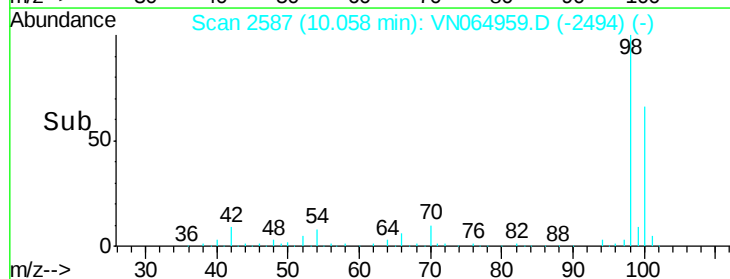
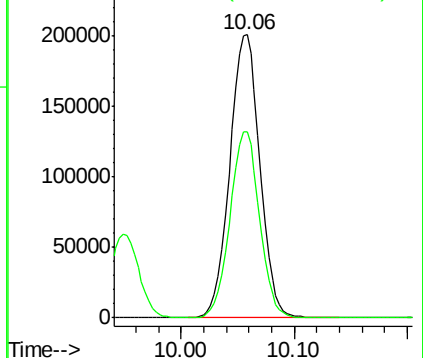
98 100

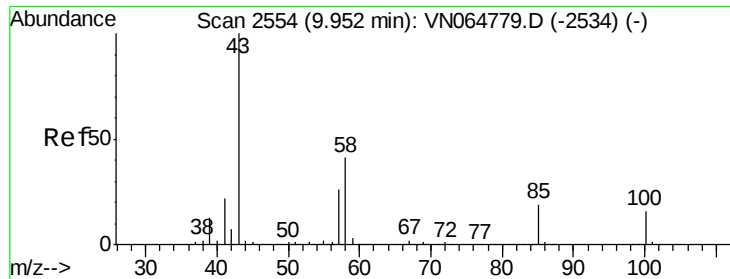
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)





#51

4-Methyl-2-Pentanone

Concen: 220.484 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

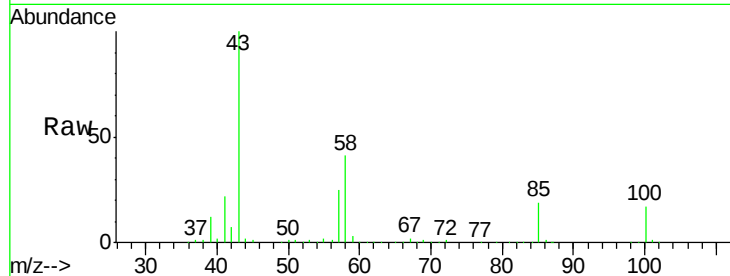
VSTDCCC050

Tgt Ion: 43 Resp: 638063

Ion Ratio Lower Upper

43 100

58 40.2 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

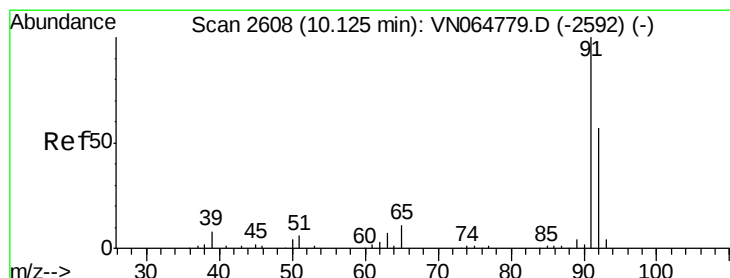
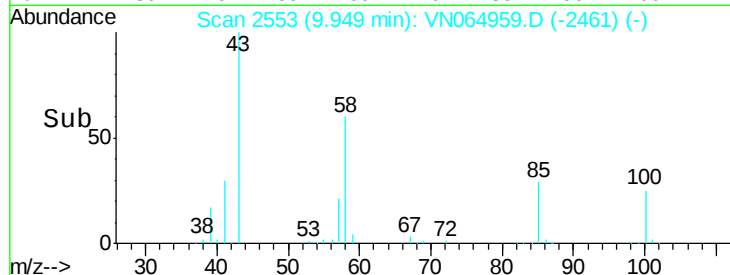
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.525 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.01 min

Lab File: VN064959.D

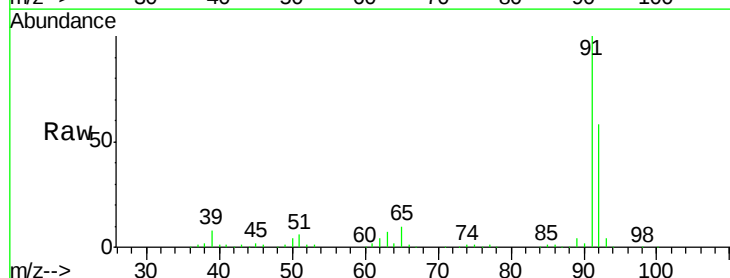
Acq: 8 Dec 2020 10:30

Tgt Ion: 92 Resp: 284785

Ion Ratio Lower Upper

92 100

91 172.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

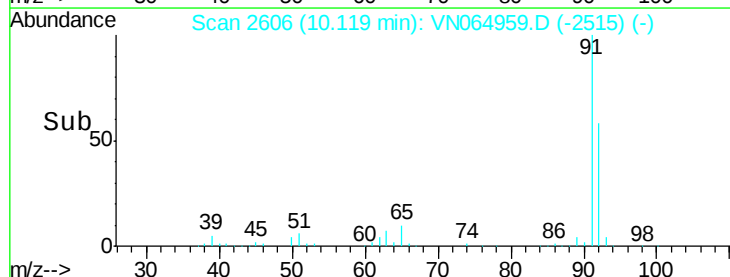
150000

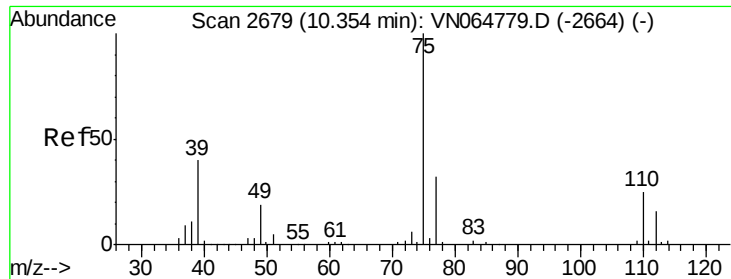
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.894 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.01 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

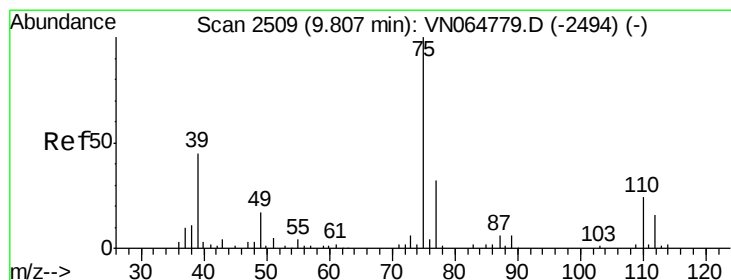
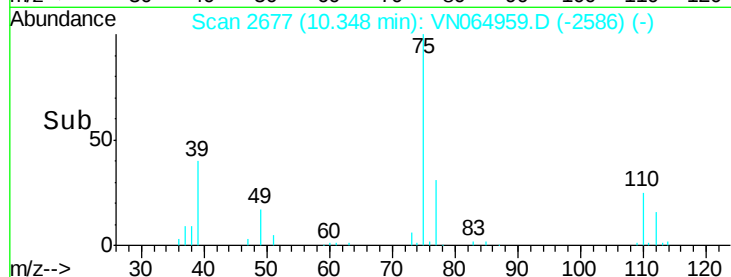
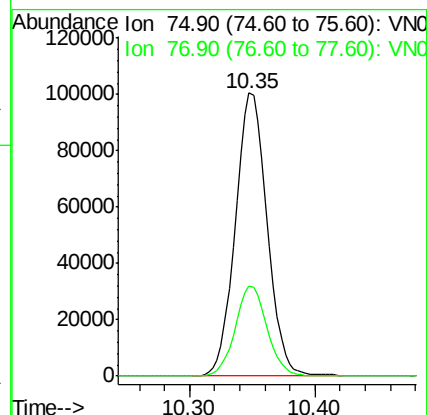
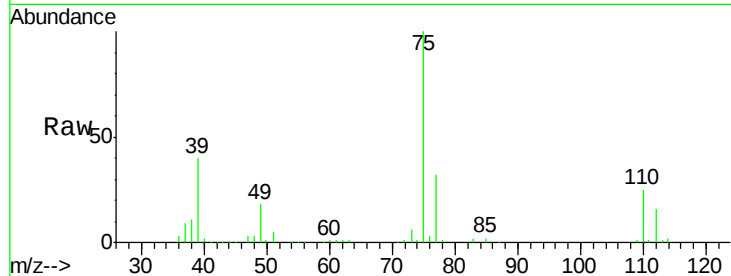
VSTDCCC050

Tgt Ion: 75 Resp: 176966

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 49.366 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

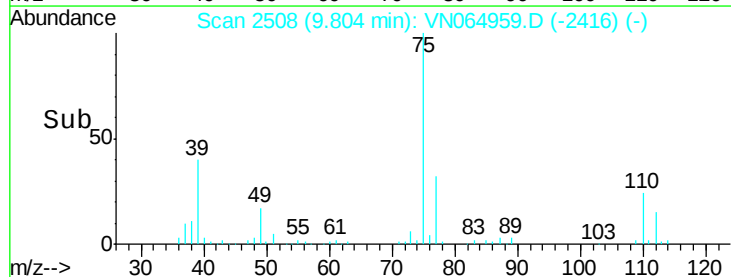
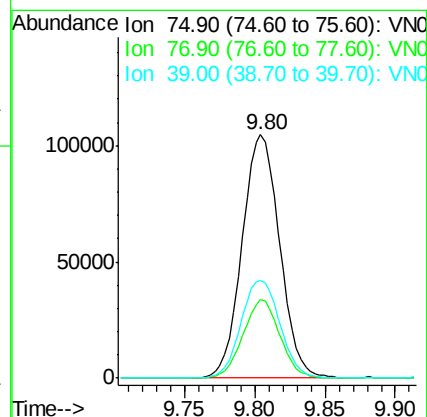
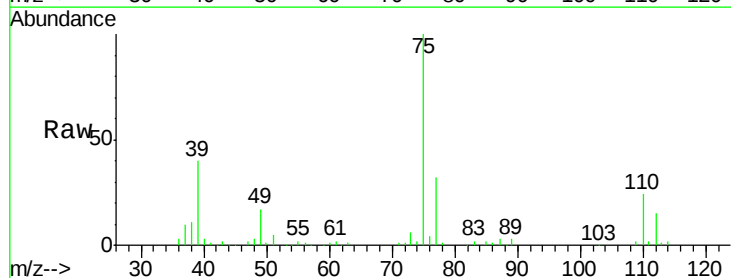
Tgt Ion: 75 Resp: 195514

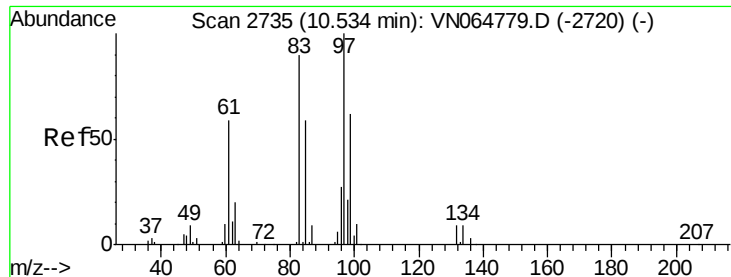
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 40.3 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 47.503 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 114641

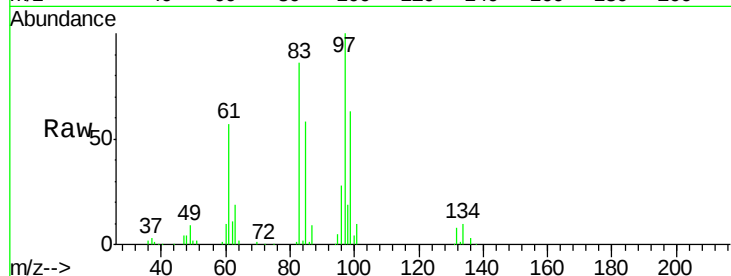
Ion Ratio Lower Upper

97 100

83 85.8 72.1 108.1

85 57.7 46.8 70.2

99 63.3 49.6 74.4

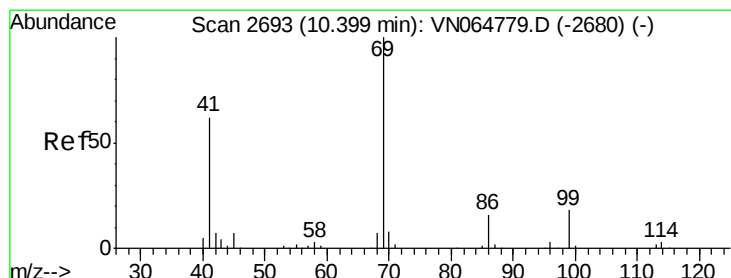
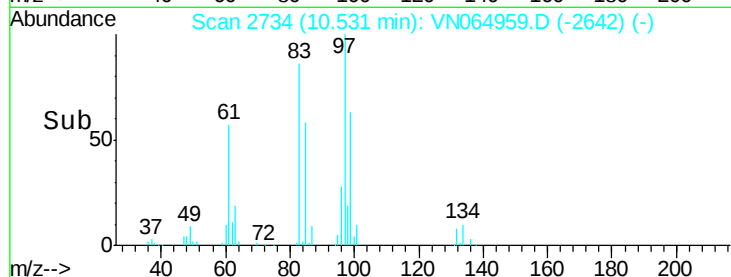
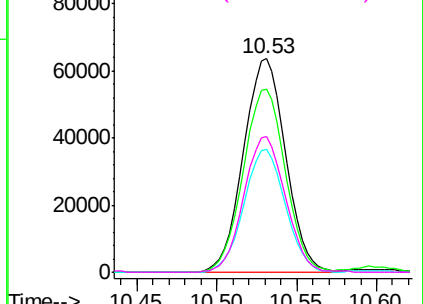


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.668 ug/l

RT: 10.40 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

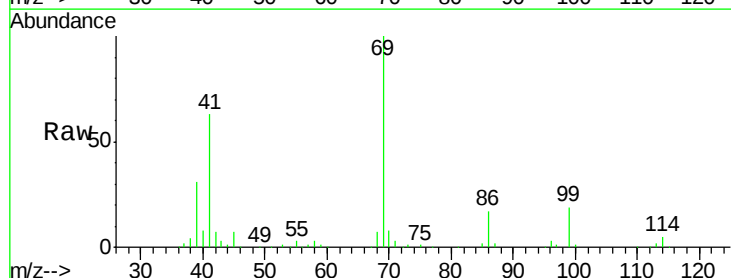
Tgt Ion: 69 Resp: 158750

Ion Ratio Lower Upper

69 100

41 61.3 49.4 74.0

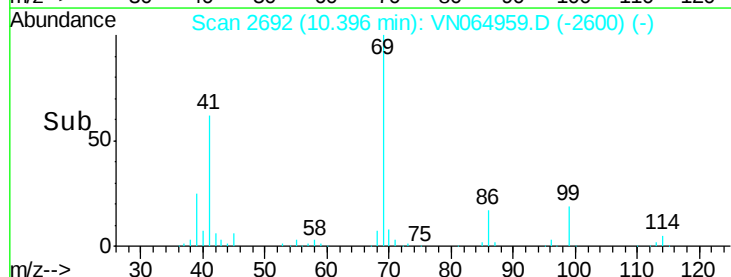
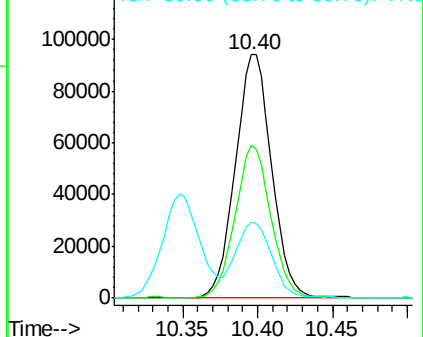
39 31.2 25.9 38.9

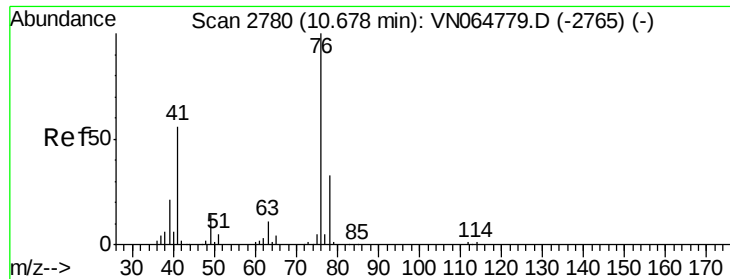


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

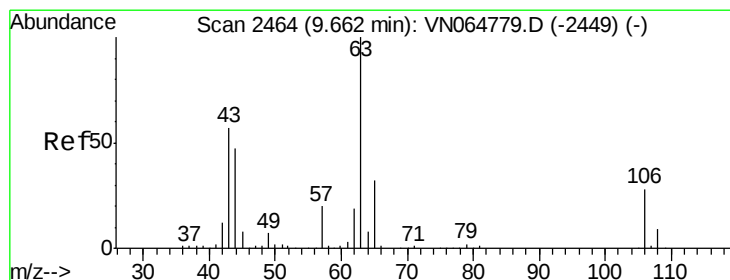
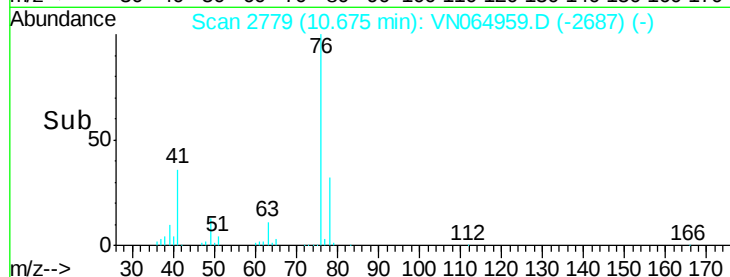
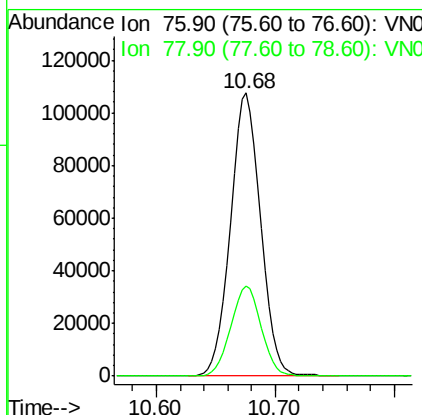
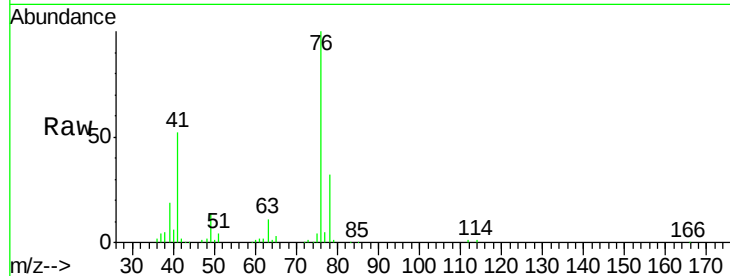




#57
 1,3-Dichloropropane
 Concen: 47.352 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

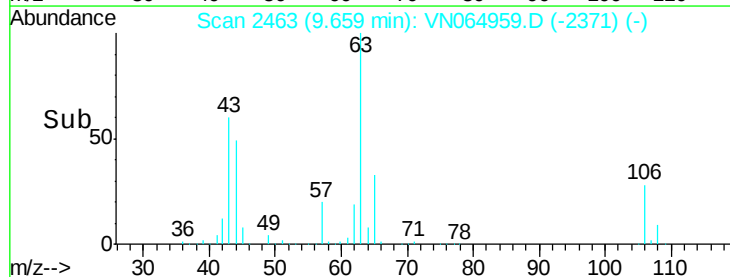
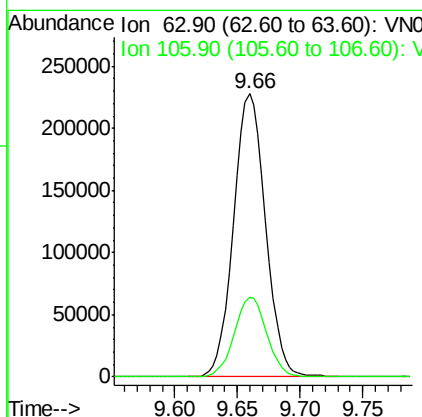
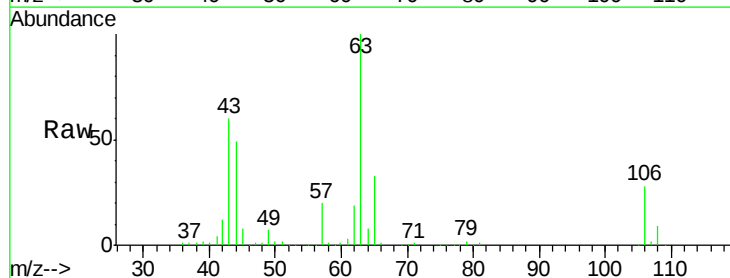
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

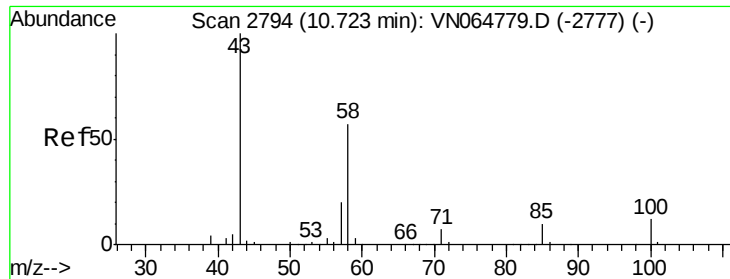
Tgt Ion: 76 Resp: 188509
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.626 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 63 Resp: 404166
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.7 34.1

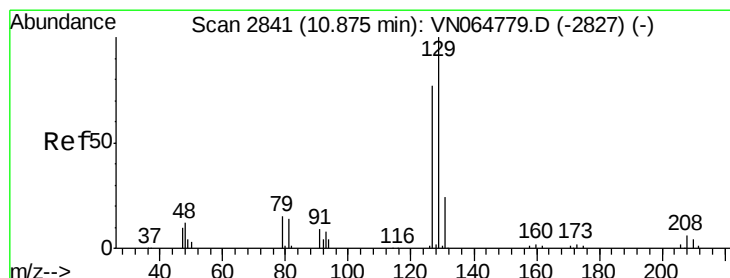
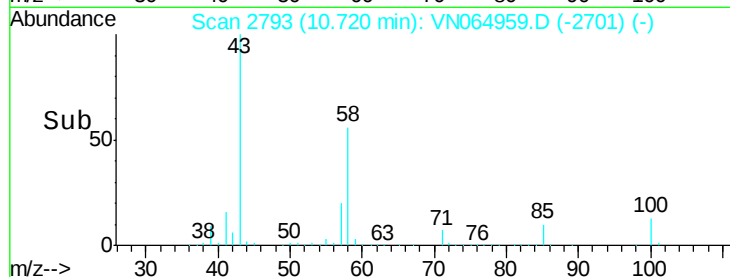
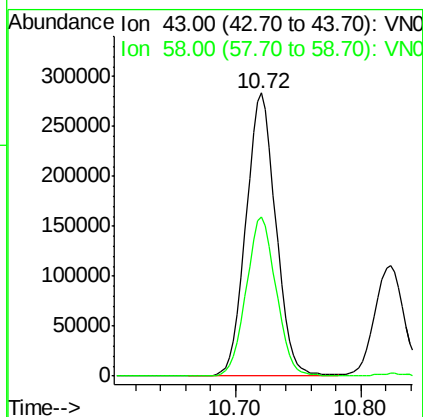
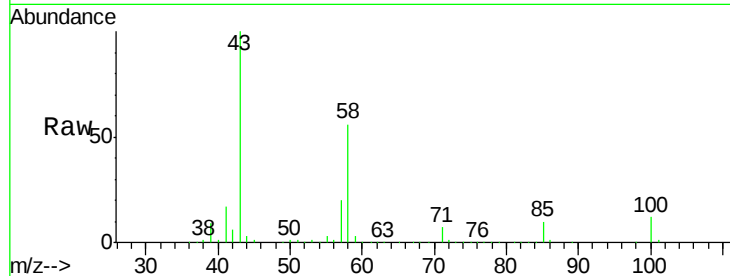




#59
2-Hexanone
Concen: 225.603 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

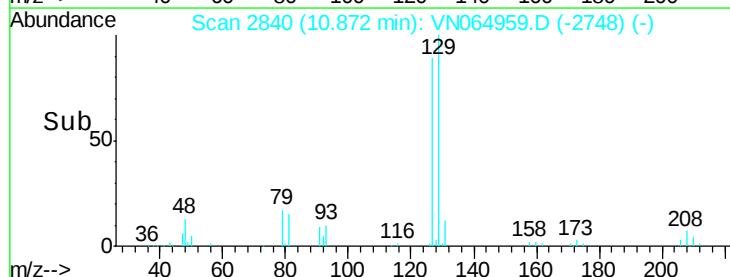
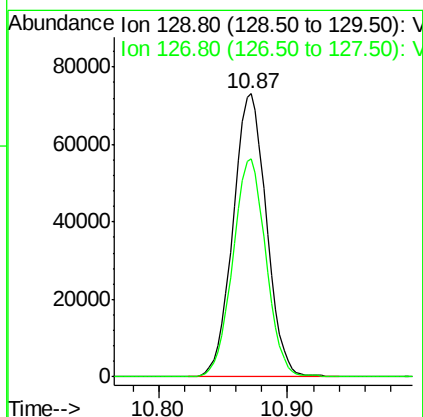
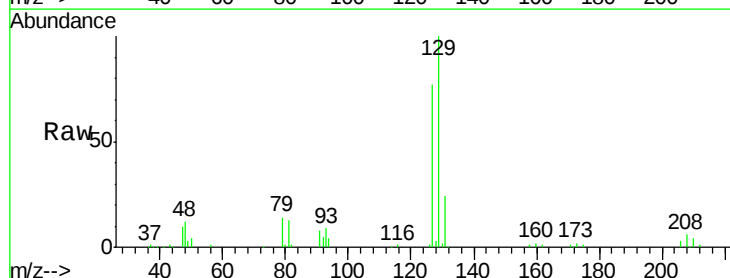
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

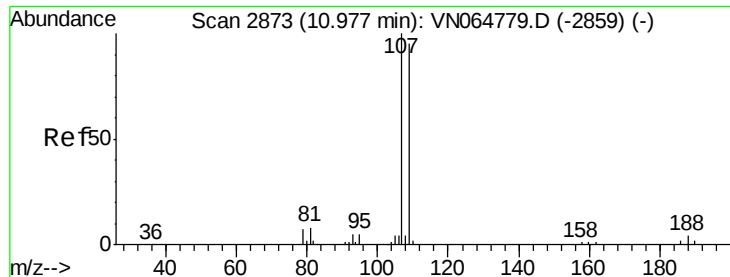
Tgt Ion: 43 Resp: 469866
Ion Ratio Lower Upper
43 100
58 56.7 28.3 84.9



#60
Dibromochloromethane
Concen: 49.030 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 129 Resp: 131529
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 46.717 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

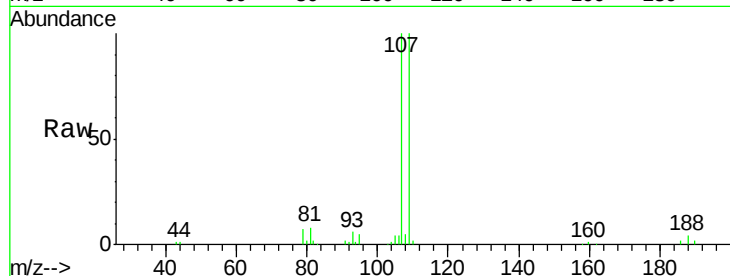
VSTDCCC050

Tgt Ion: 107 Resp: 114546

Ion Ratio Lower Upper

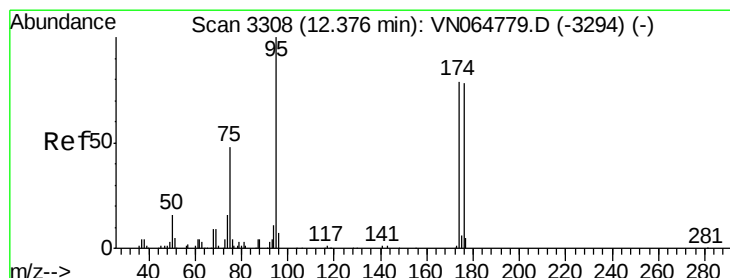
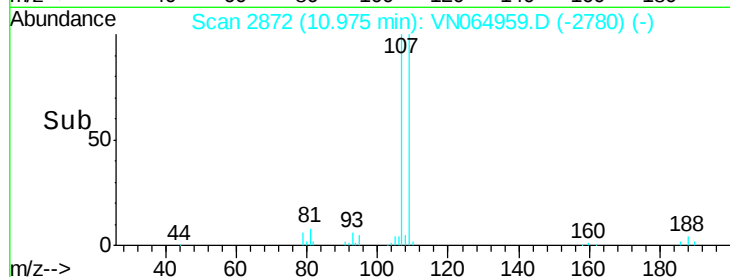
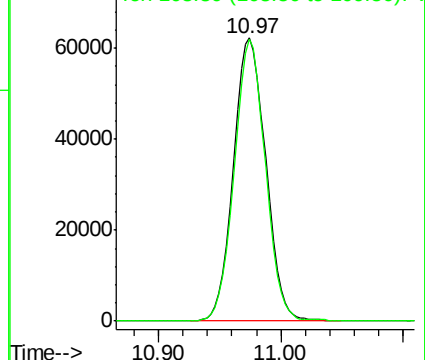
107 100

109 95.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.050 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

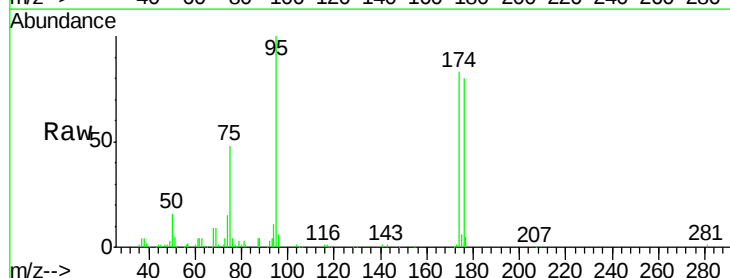
Tgt Ion: 95 Resp: 135188

Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.4

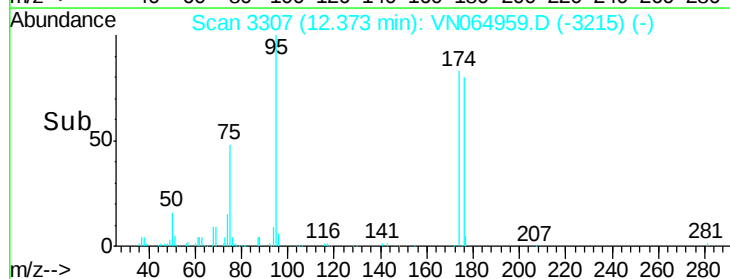
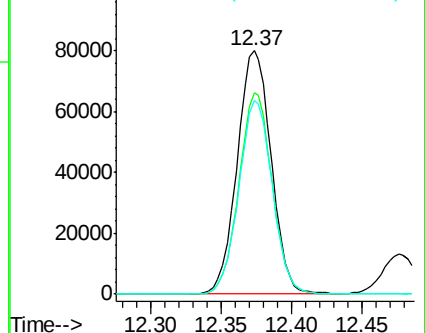
176 78.6 0.0 158.4

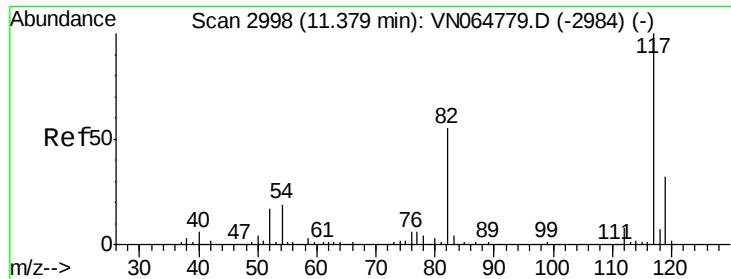


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

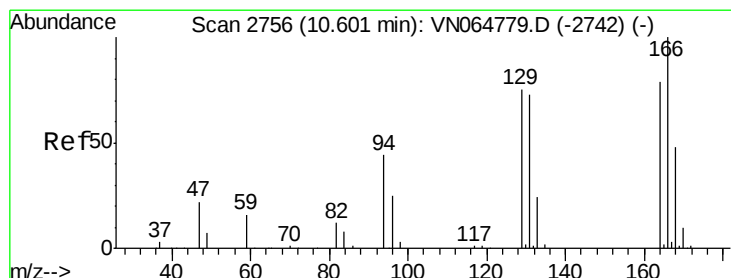
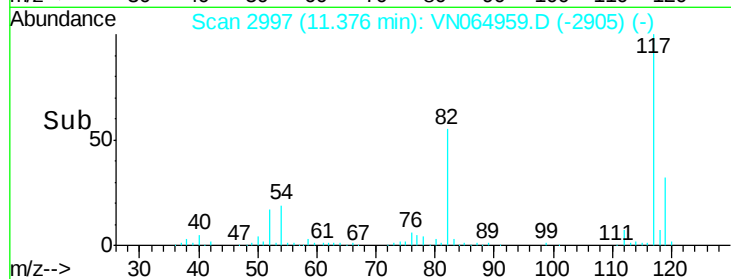
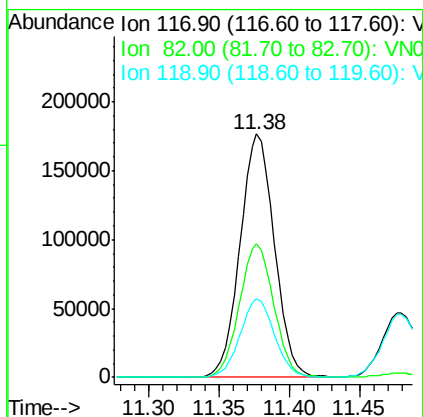
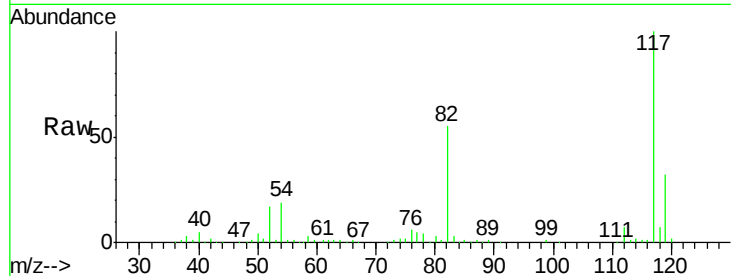




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

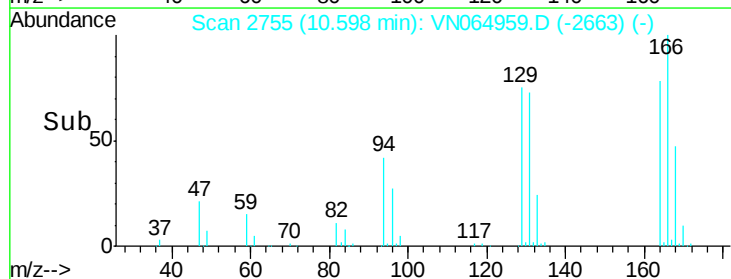
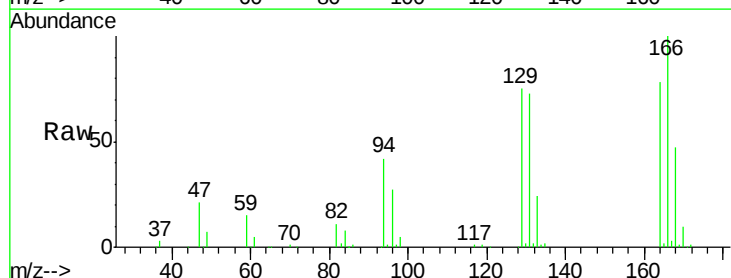
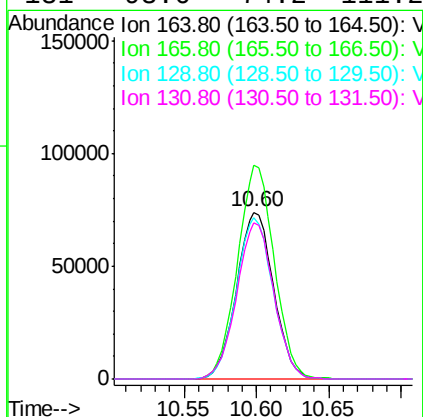
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

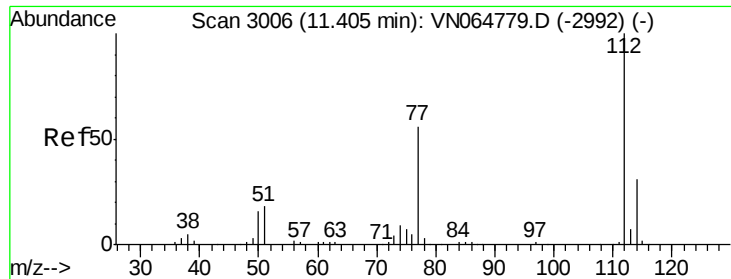
Tgt Ion:117 Resp: 302173
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 44.607 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion:164 Resp: 131139
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.0
129 96.5 76.1 114.1
131 93.6 74.2 111.2





#65

Chlorobenzene

Concen: 49.012 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

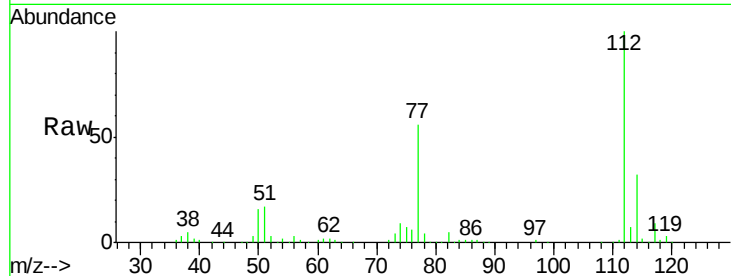
VSTDCCC050

Tgt Ion:112 Resp: 318044

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

200000

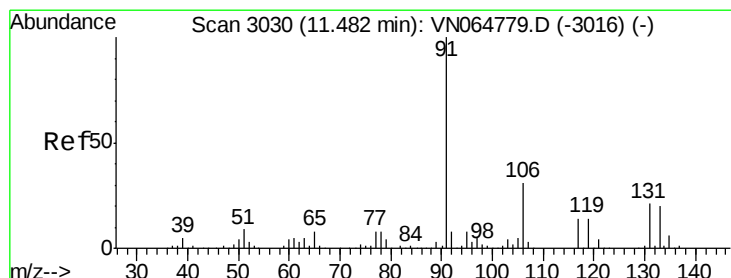
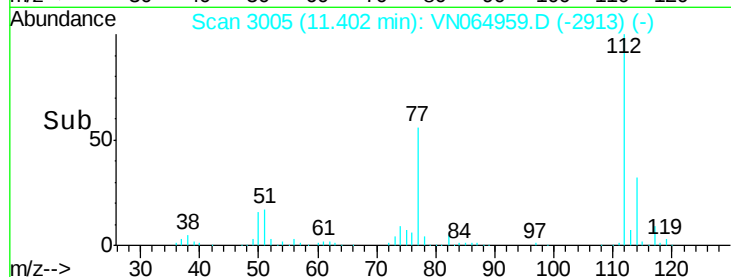
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 50.750 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

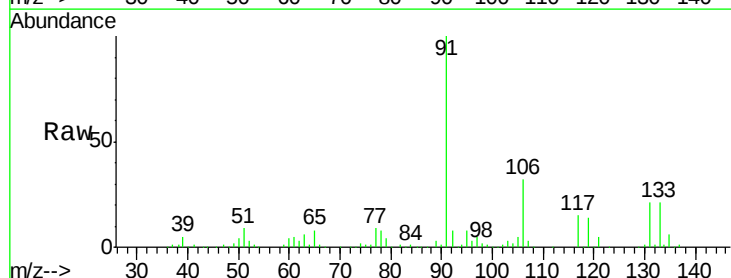
Tgt Ion:131 Resp: 121026

Ion Ratio Lower Upper

131 100

133 94.5 47.5 142.5

119 66.5 33.3 99.8



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

11.48

80000

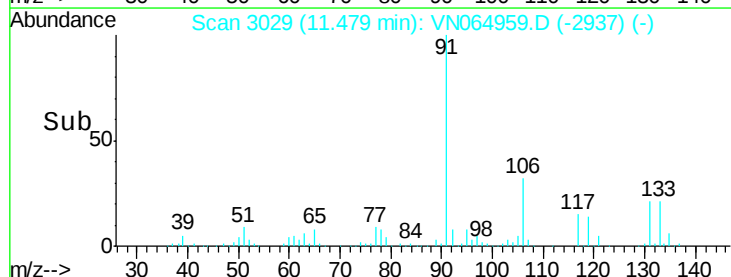
60000

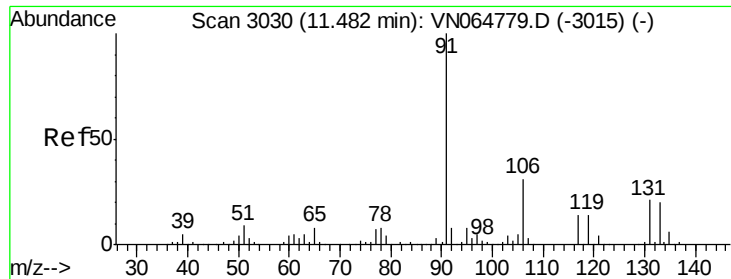
40000

20000

0

Time--> 11.40 11.45 11.50 11.55

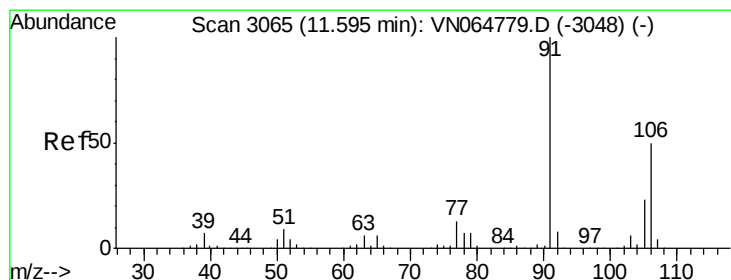
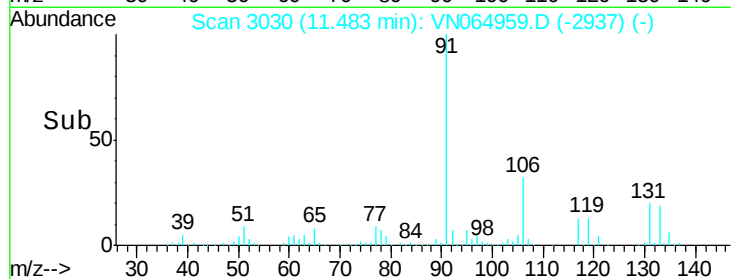
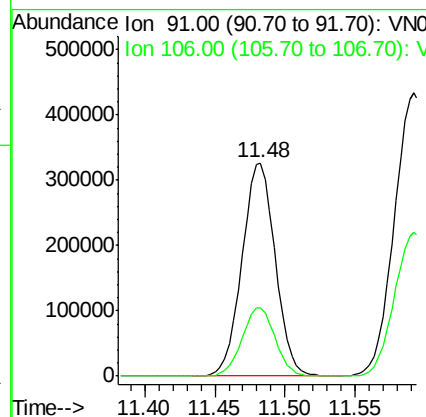
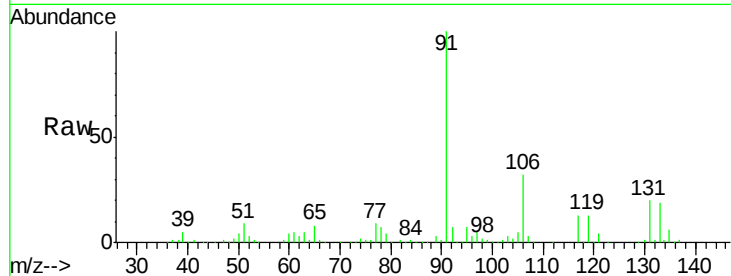




#67
Ethyl Benzene
Concen: 49.784 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

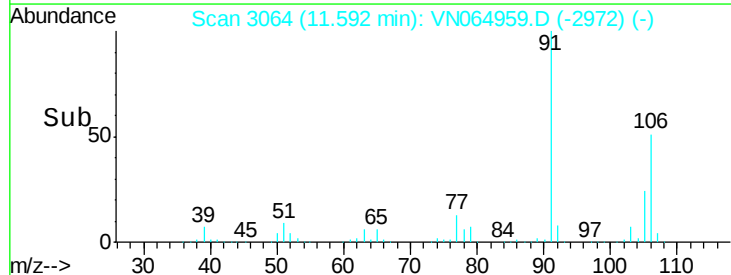
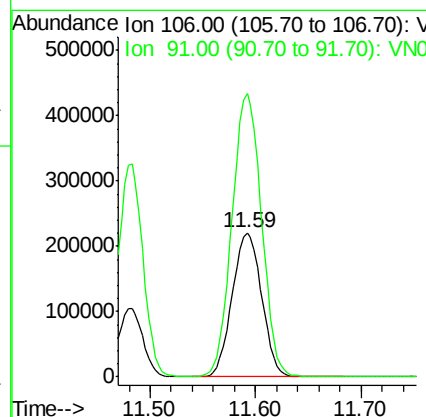
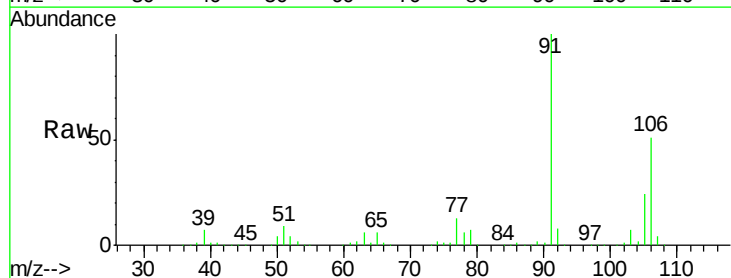
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

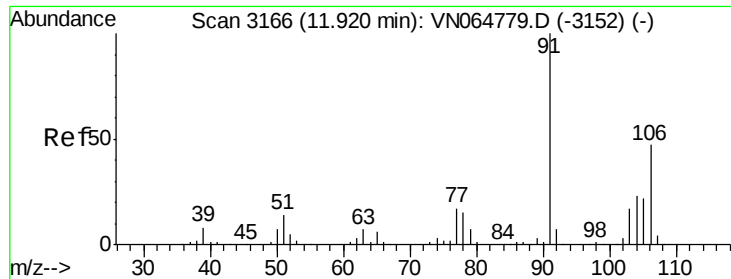
Tgt Ion: 91 Resp: 539686
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 103.694 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 106 Resp: 425588
Ion Ratio Lower Upper
106 100
91 197.2 161.0 241.4

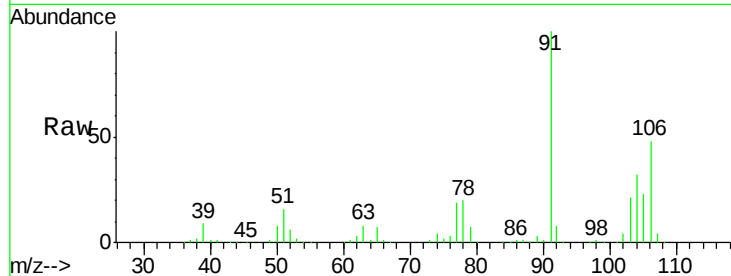




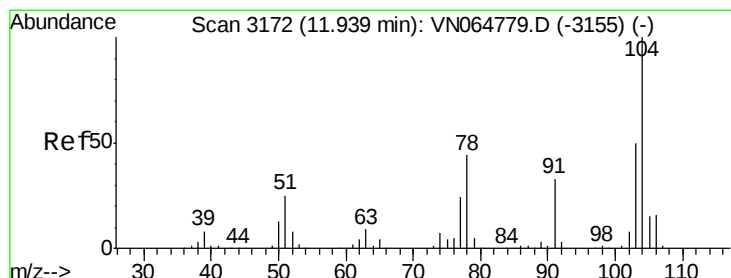
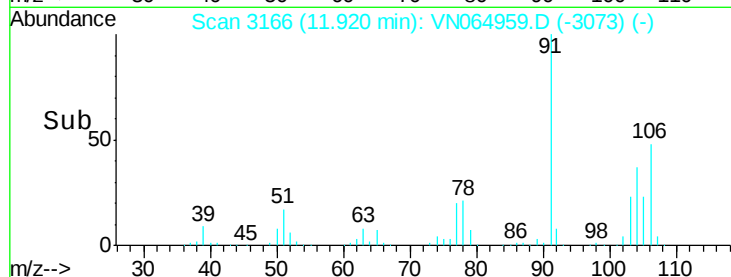
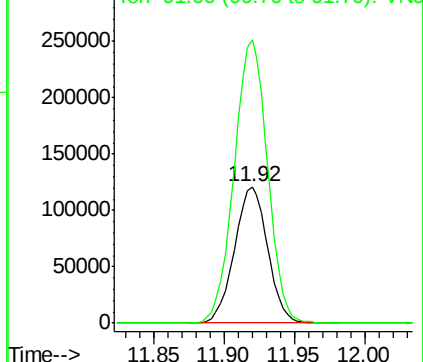
#69
o-Xylene
Concen: 51.280 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 199722
Ion Ratio Lower Upper
106 100
91 208.9 105.5 316.5

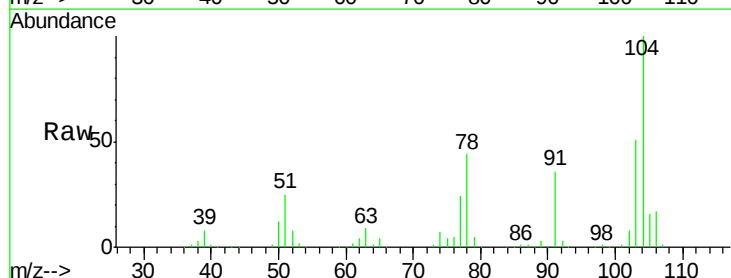


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

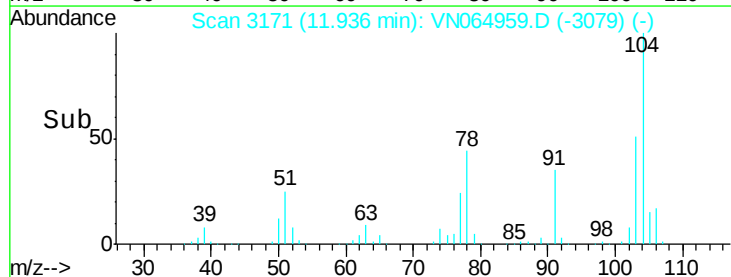
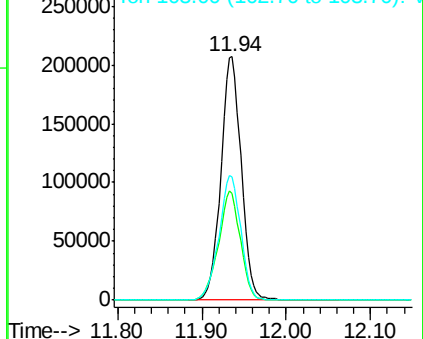


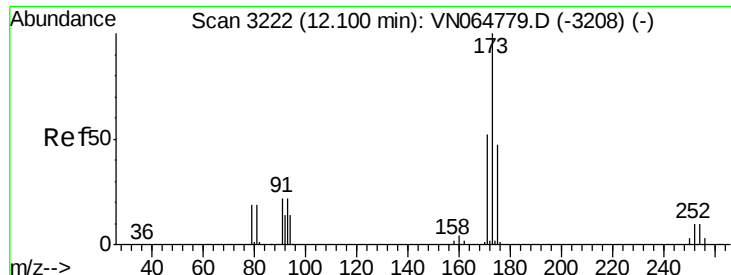
#70
Styrene
Concen: 52.790 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion:104 Resp: 347091
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.8 44.3 66.5



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





#71

Bromoform

Concen: 46.967 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

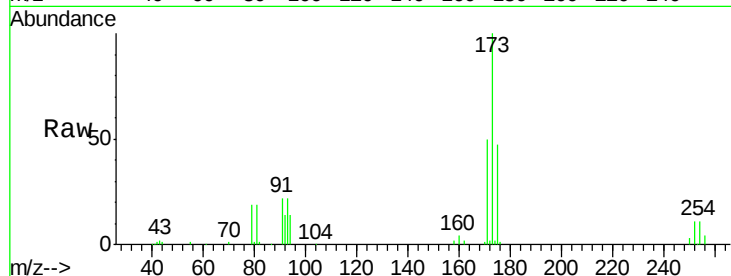
Tgt Ion:173 Resp: 89459

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

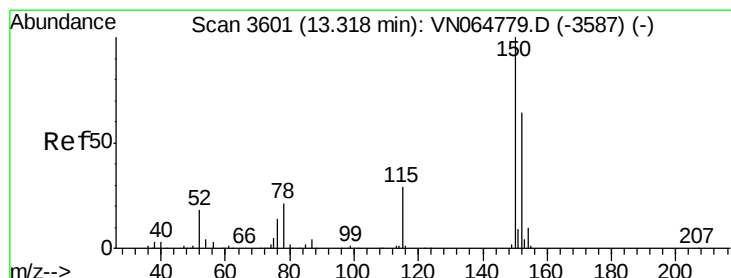
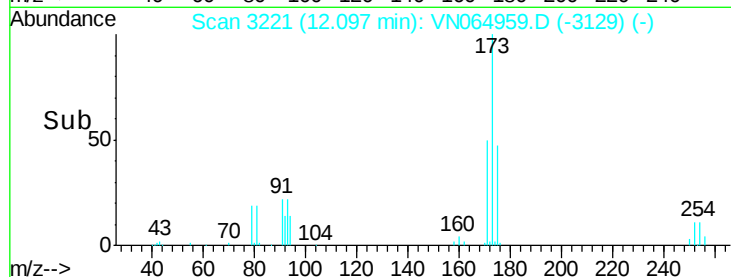
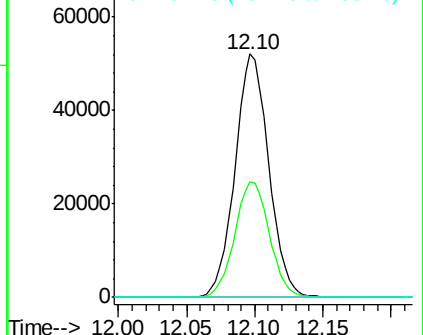
254 0.0 0.0 0.0



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# 3600

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

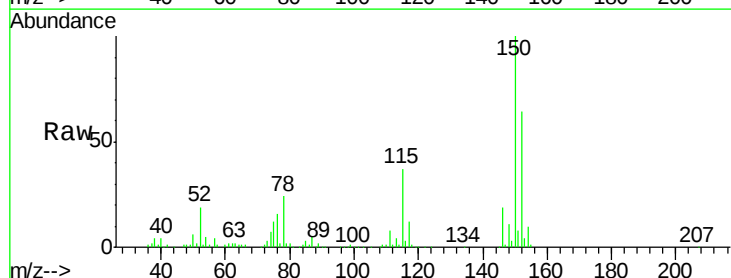
Tgt Ion:152 Resp: 150384

Ion Ratio Lower Upper

152 100

115 58.7 29.7 89.1

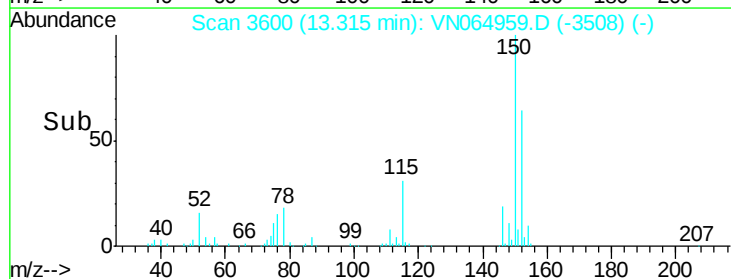
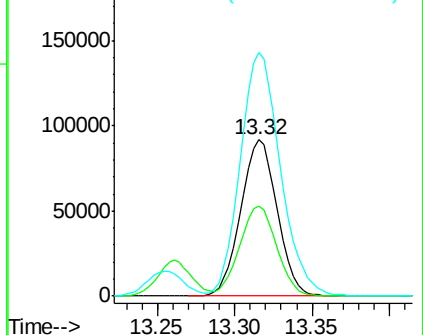
150 171.5 0.0 350.6

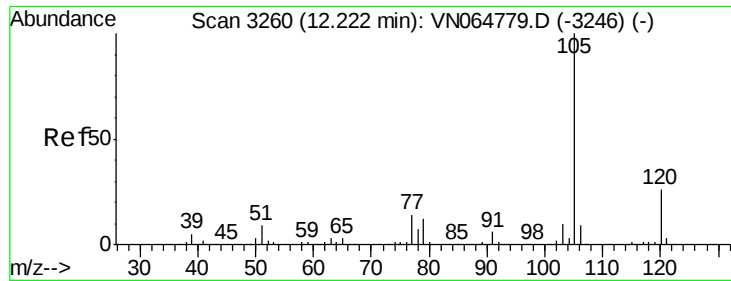


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.224 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

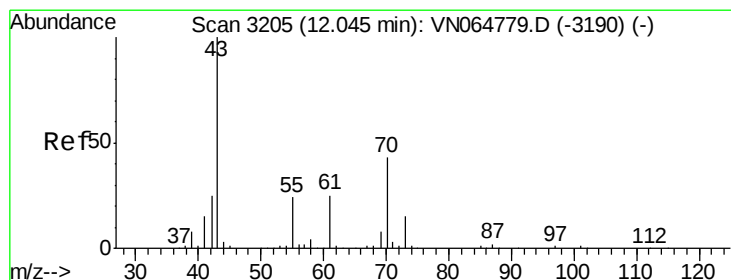
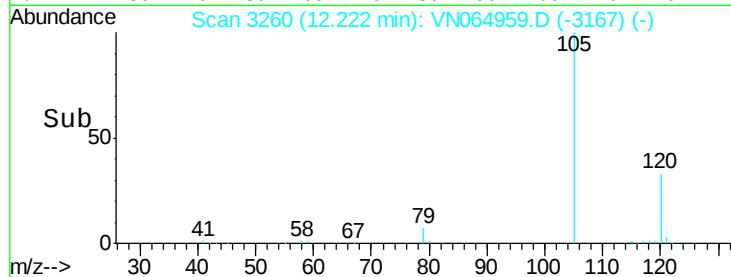
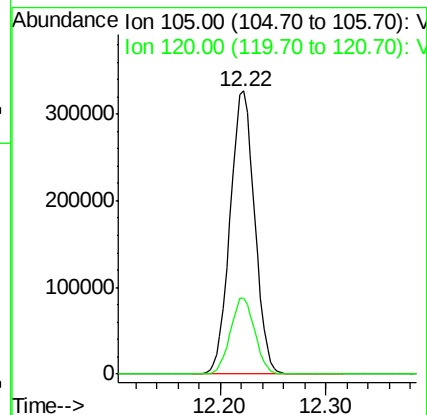
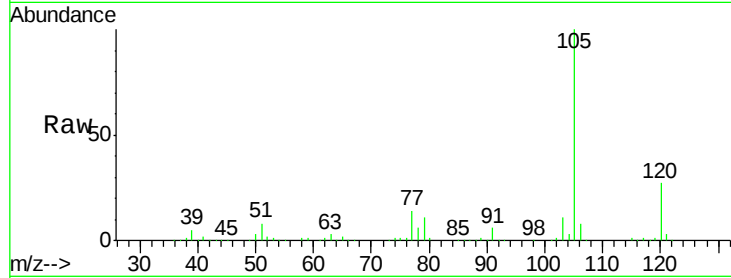
VSTDCCC050

Tgt Ion: 105 Resp: 525356

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 45.071 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Tgt Ion: 43 Resp: 185534

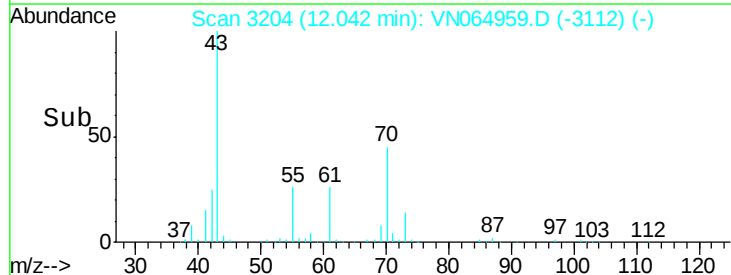
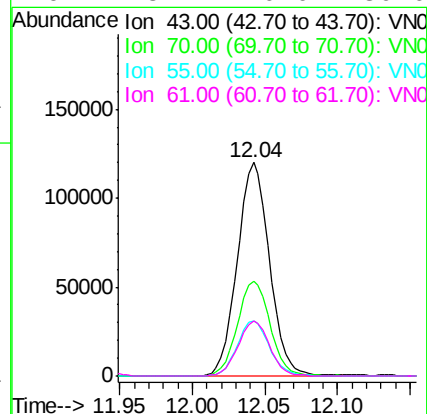
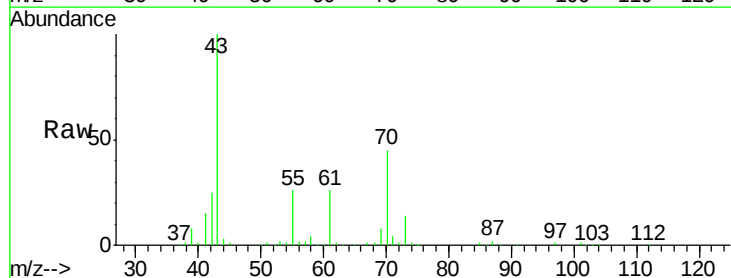
Ion Ratio Lower Upper

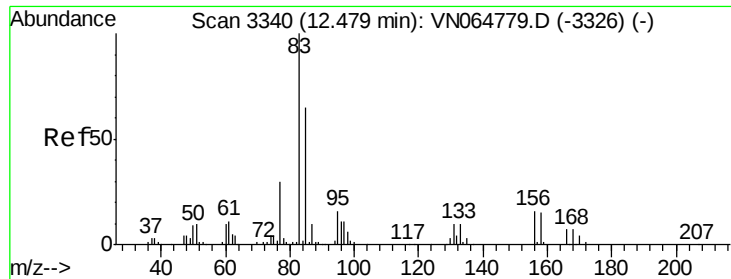
43 100

70 44.9 34.5 51.7

55 25.9 20.4 30.6

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.951 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

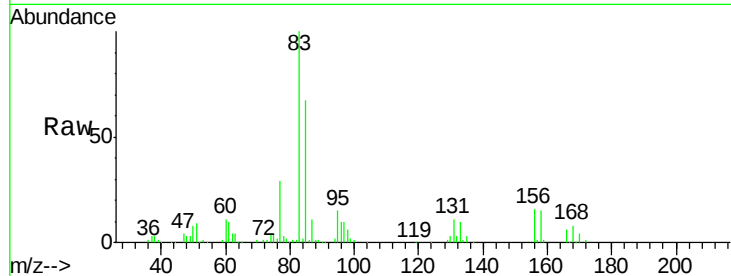
Tgt Ion: 83 Resp: 143948

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

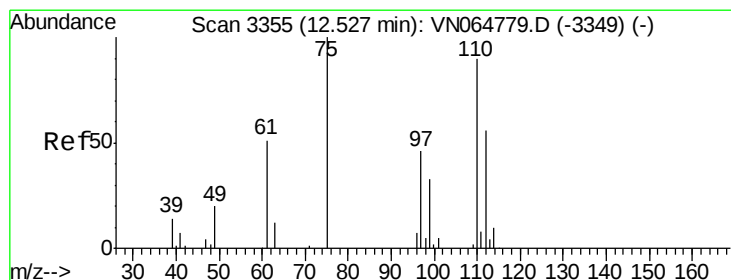
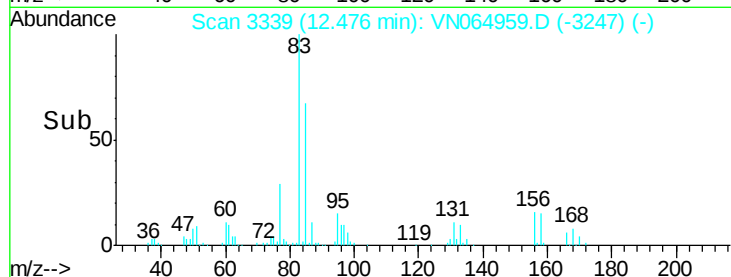
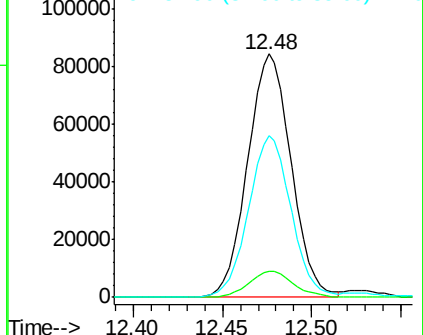
85 65.0 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 62.031 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064959.D

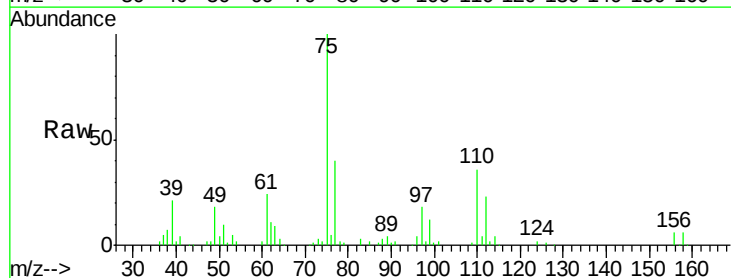
Acq: 8 Dec 2020 10:30

Tgt Ion: 75 Resp: 200896

Ion Ratio Lower Upper

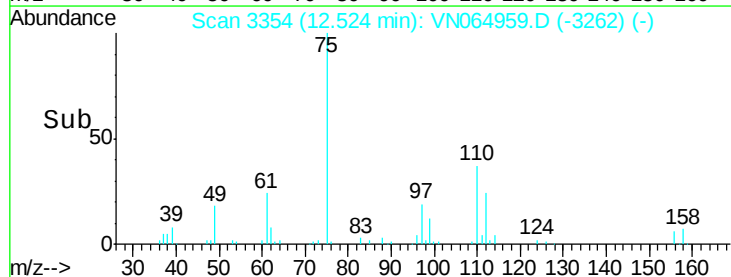
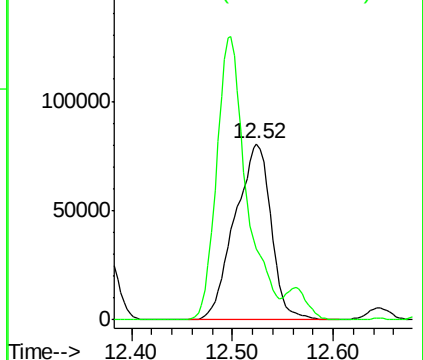
75 100

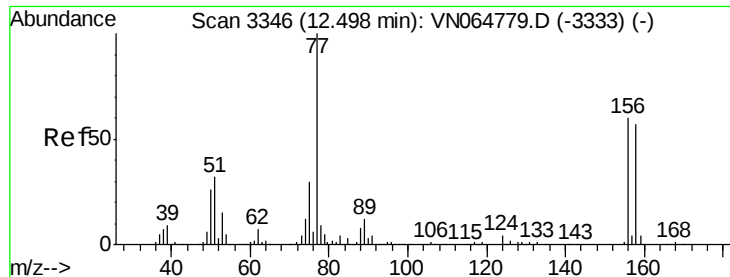
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 48.560 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

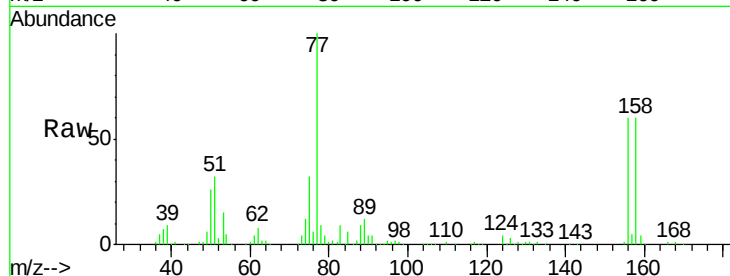
Tgt Ion:156 Resp: 136942

Ion Ratio Lower Upper

156 100

77 195.2 101.3 303.7

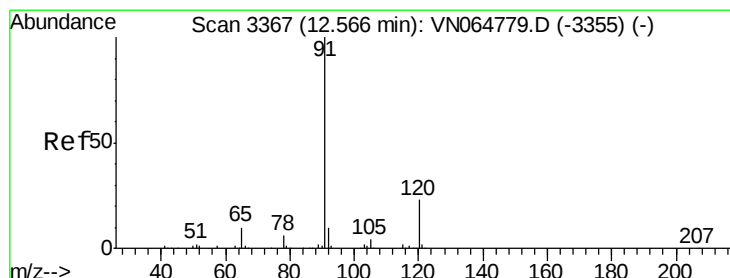
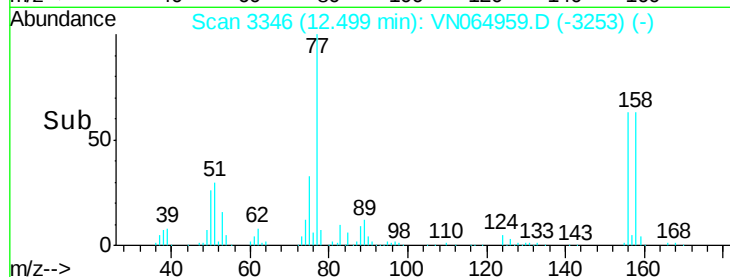
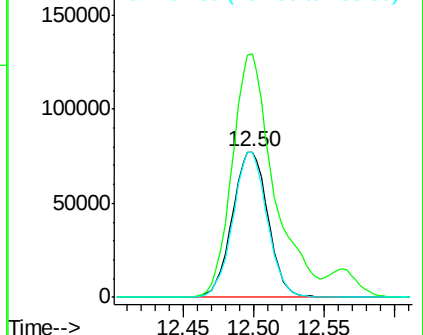
158 96.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.631 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064959.D

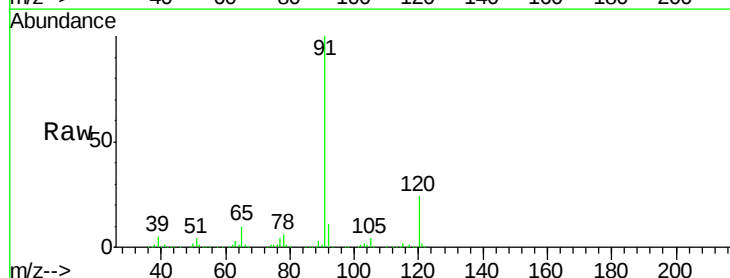
Acq: 8 Dec 2020 10:30

Tgt Ion: 91 Resp: 591419

Ion Ratio Lower Upper

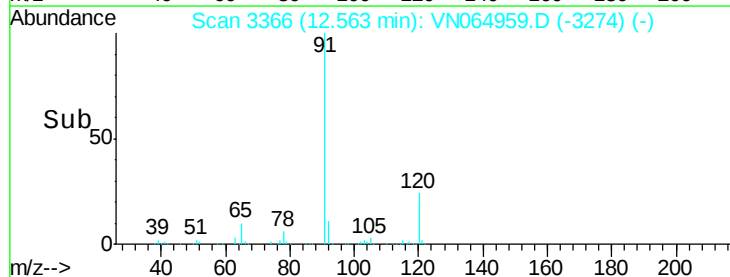
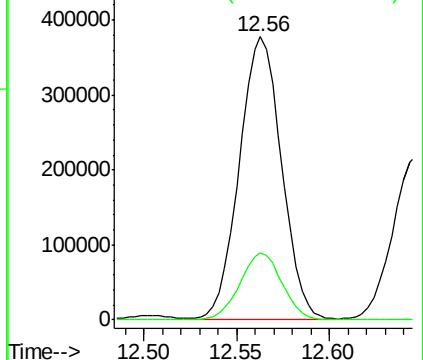
91 100

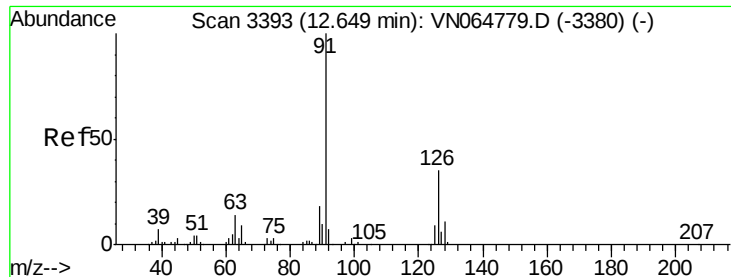
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.492 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064959.D

Acq: 8 Dec 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

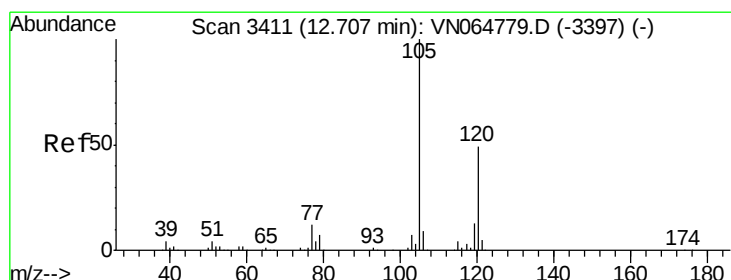
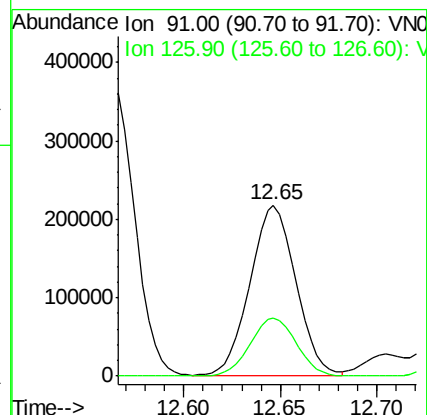
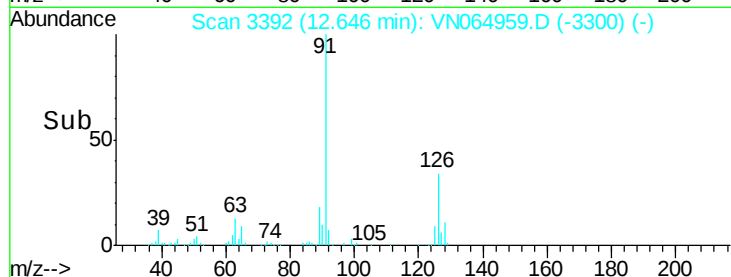
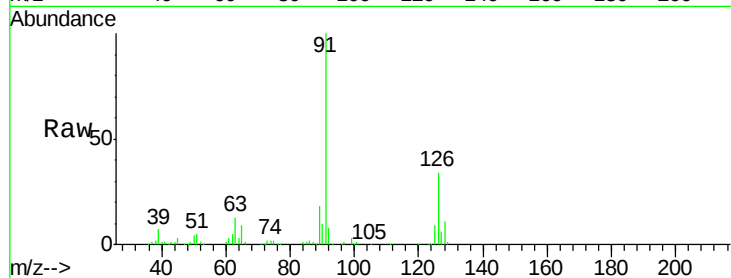
VSTDCCC050

Tgt Ion: 91 Resp: 357195

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 51.298 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064959.D

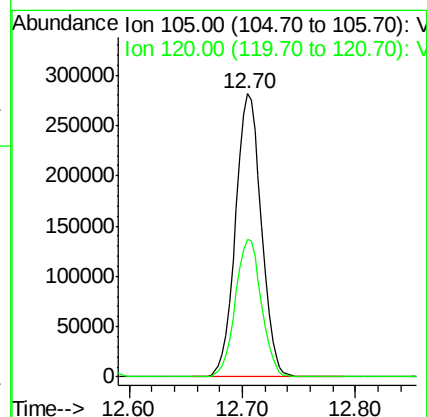
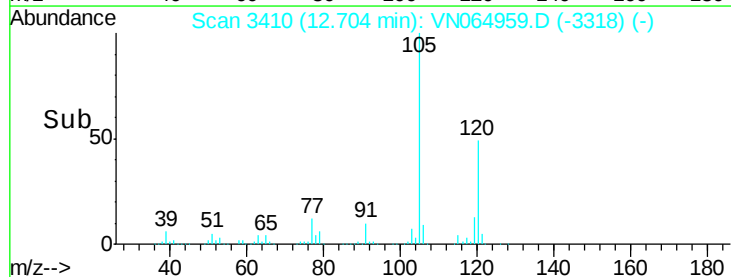
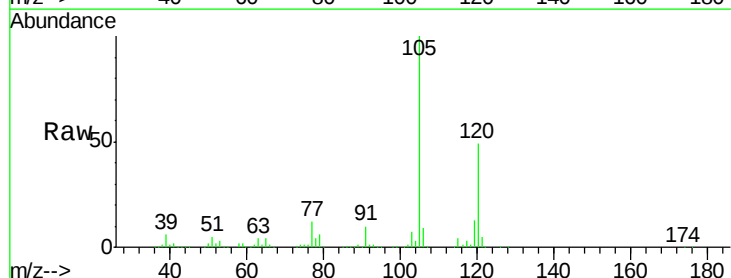
Acq: 8 Dec 2020 10:30

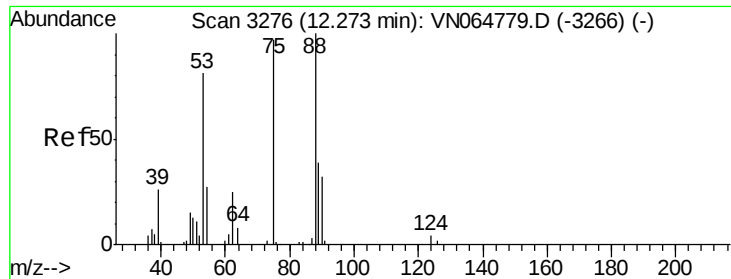
Tgt Ion: 105 Resp: 446012

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6

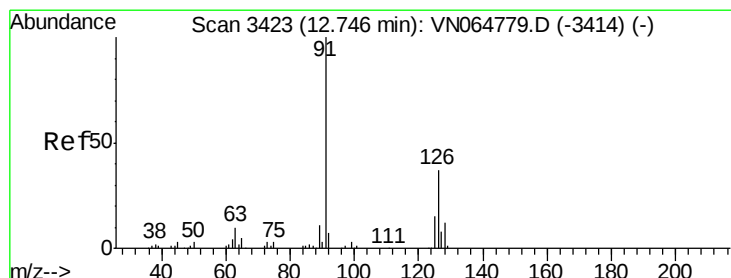
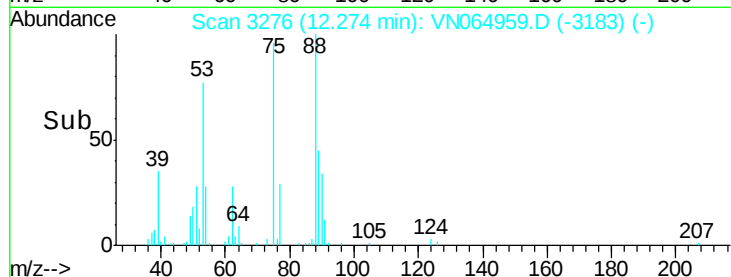
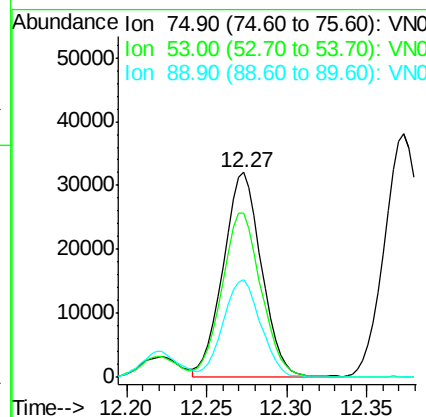
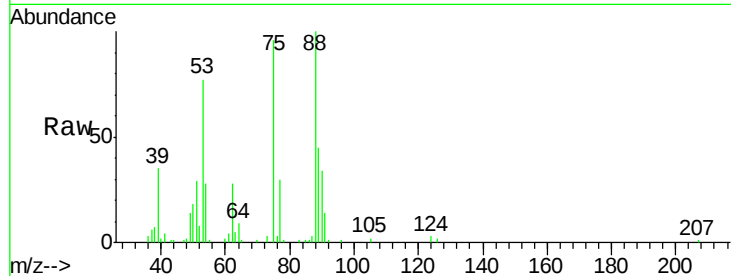




#81
trans-1,4-Dichloro-2-butene
Concen: 44.983 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

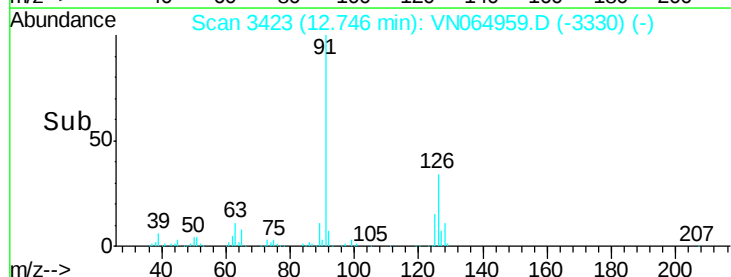
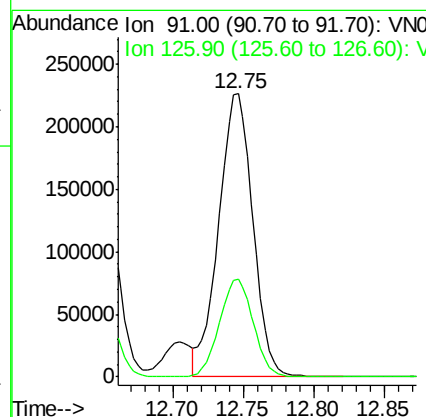
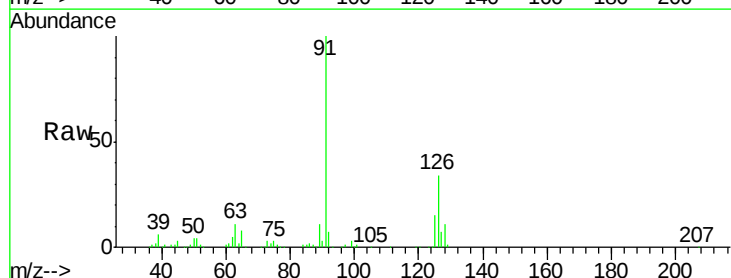
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

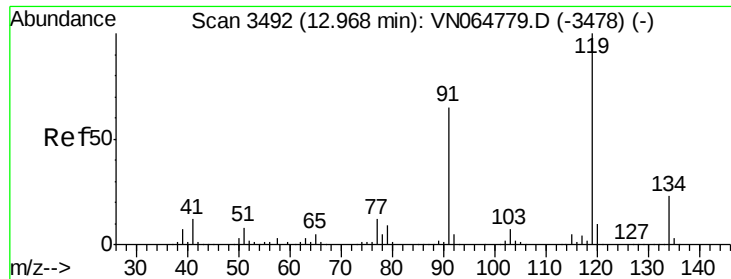
Tgt Ion: 75 Resp: 53154
Ion Ratio Lower Upper
75 100
53 80.5 67.0 100.4
89 46.4 39.6 59.4



#82
4-Chlorotoluene
Concen: 49.196 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 91 Resp: 379843
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.7

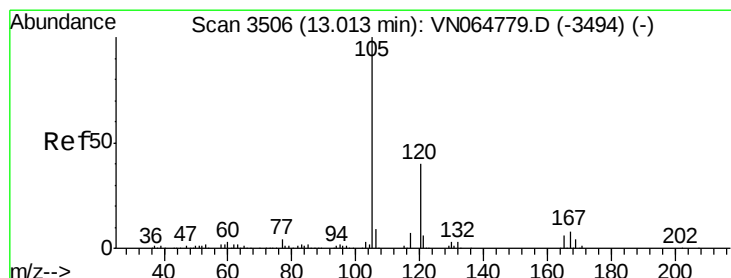
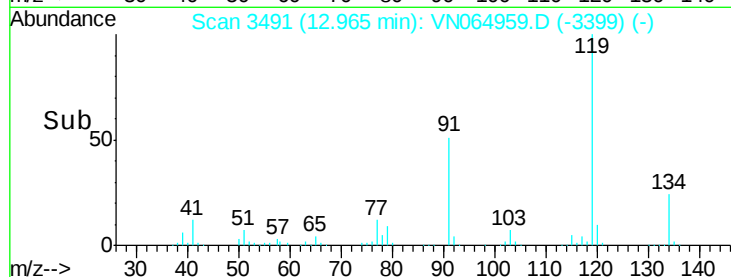
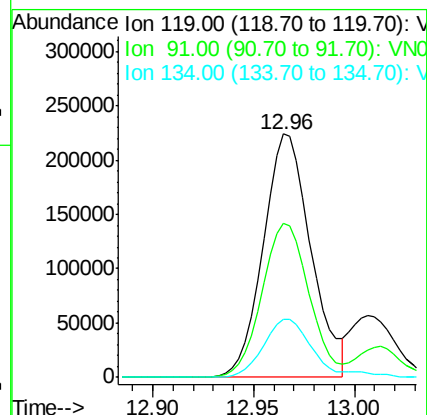
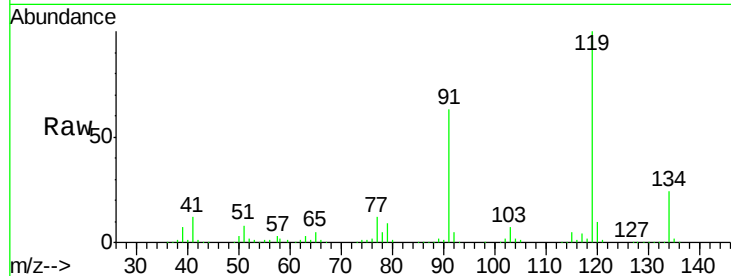




#83
 tert-Butylbenzene
 Concen: 50.720 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

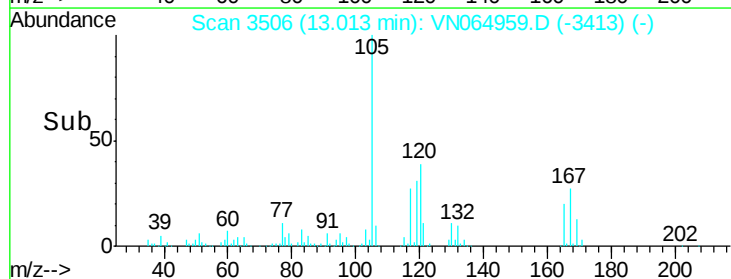
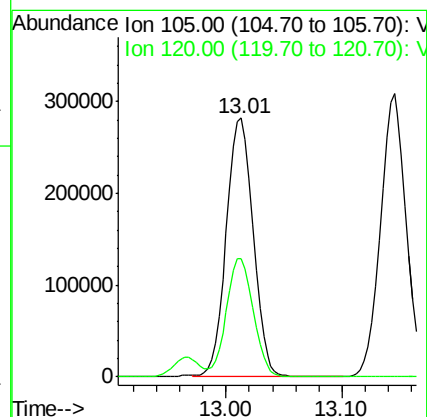
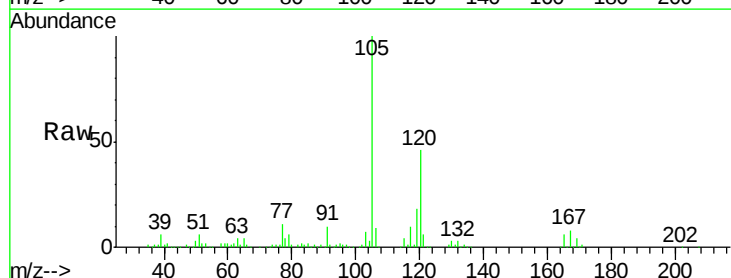
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

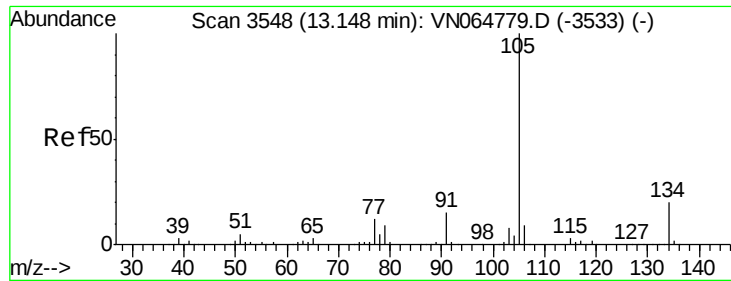
Tgt Ion:119 Resp: 369635
 Ion Ratio Lower Upper
 119 100
 91 62.3 32.3 96.8
 134 25.0 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.392 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion:105 Resp: 451778
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2

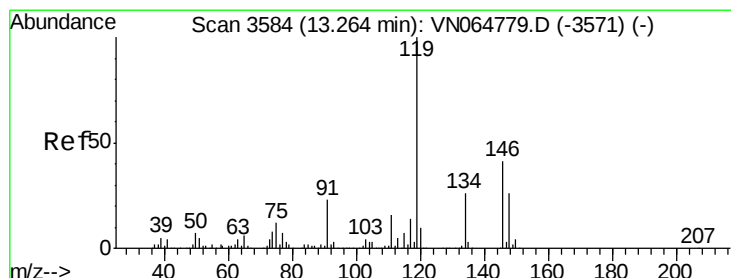
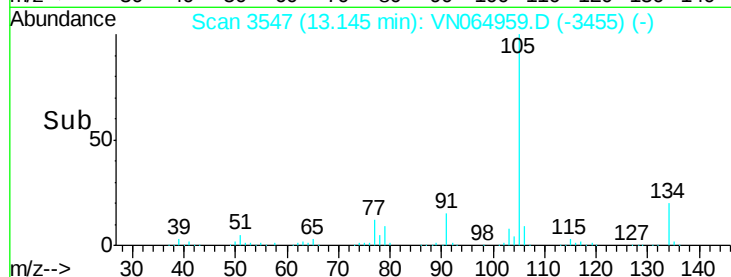
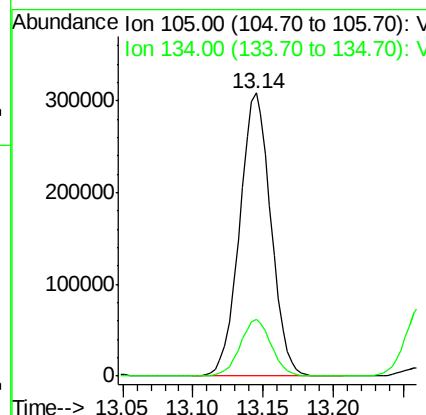
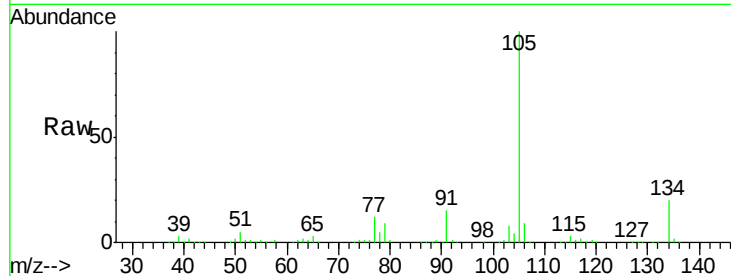




#85
 sec-Butylbenzene
 Concen: 49.324 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

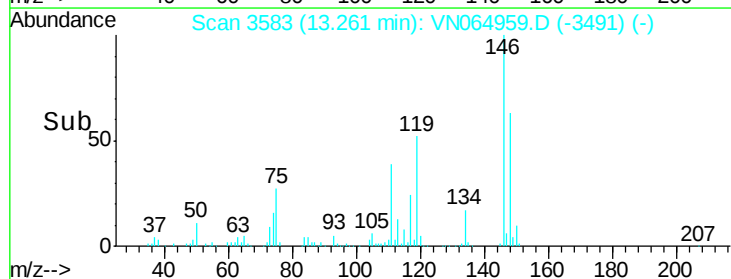
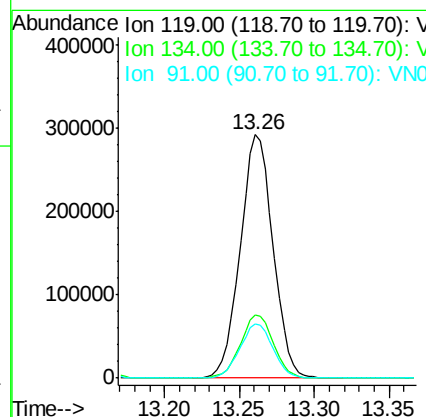
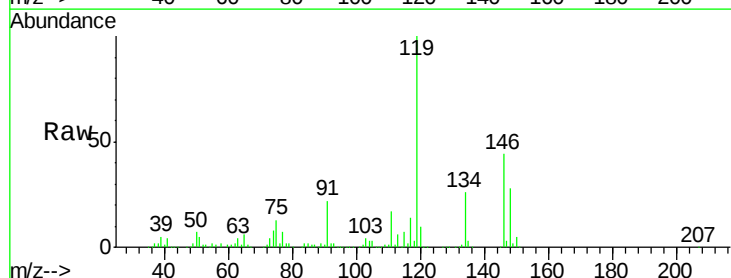
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

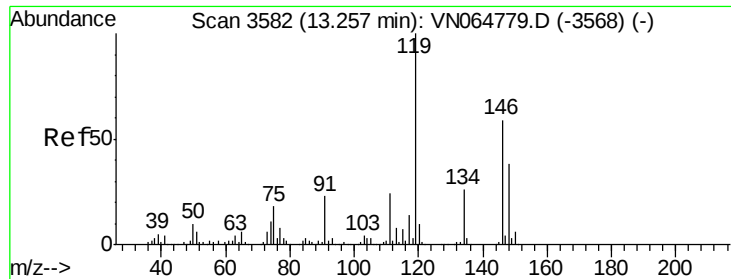
Tgt Ion:105 Resp: 477267
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.400 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion:119 Resp: 443991
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.3 11.5 34.5

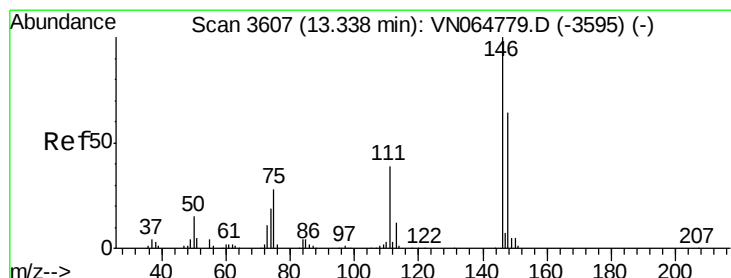
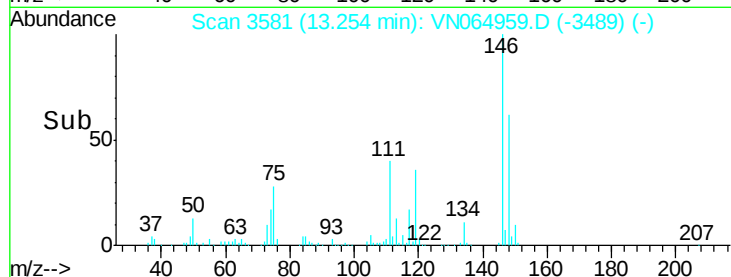
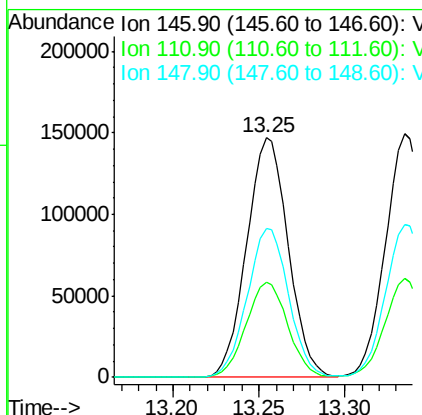
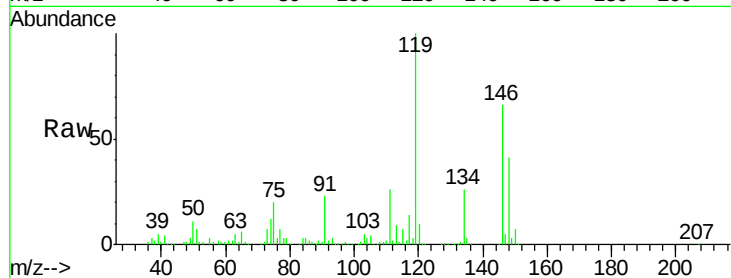




#87
 1,3-Dichlorobenzene
 Concen: 49.115 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

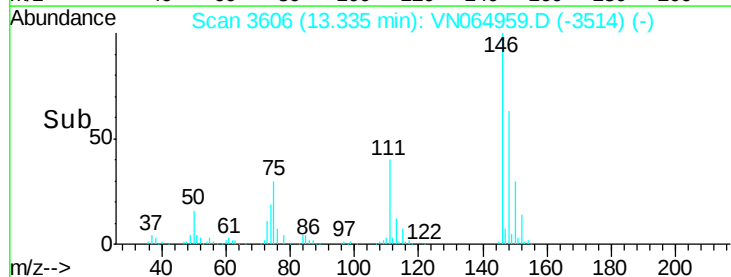
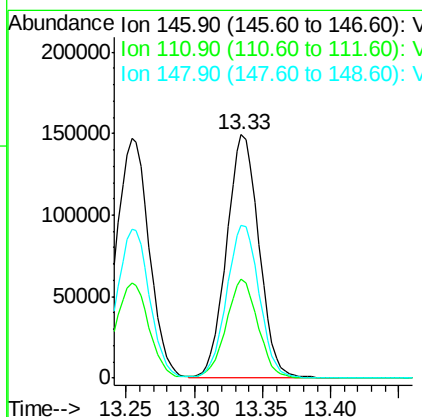
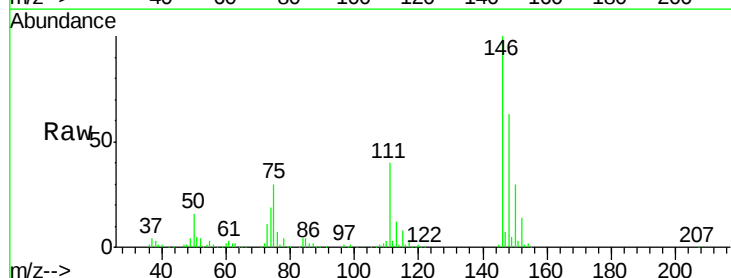
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

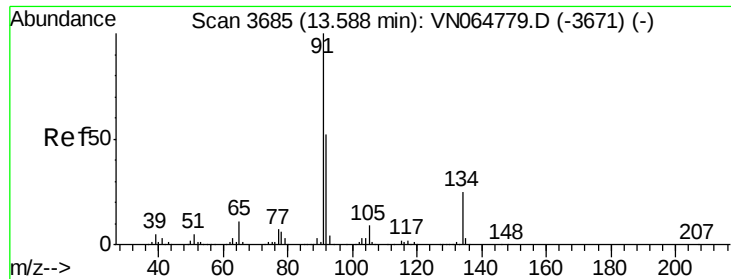
Tgt Ion:146 Resp: 246083
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.6 61.9
 148 62.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.396 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion:146 Resp: 245839
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.3
 148 63.3 31.9 95.5

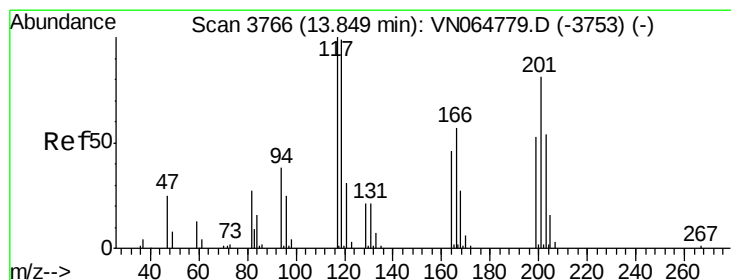
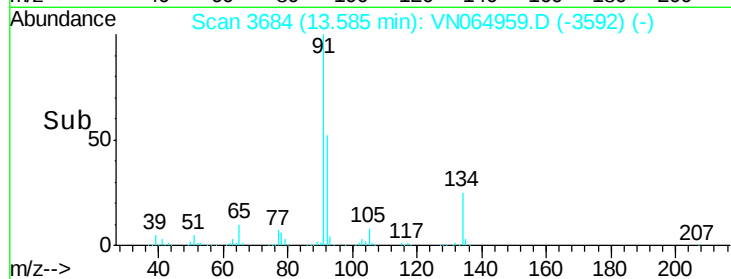
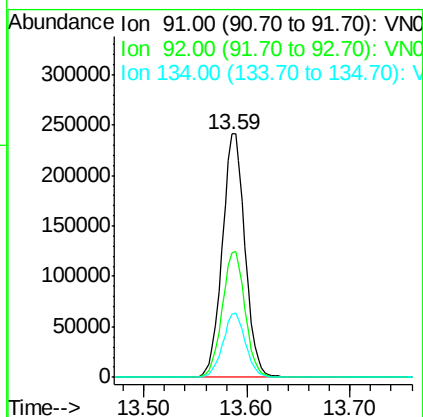
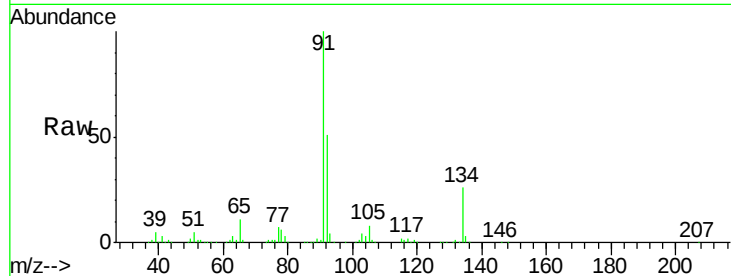




#89
n-Butylbenzene
Concen: 47.898 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

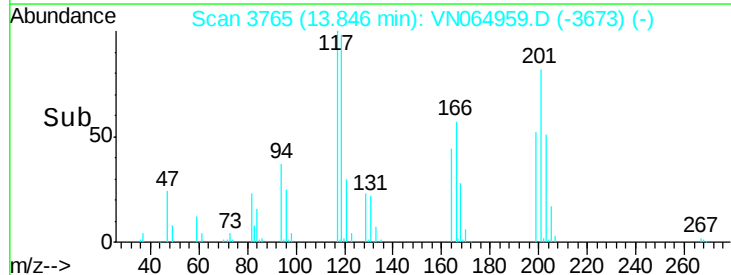
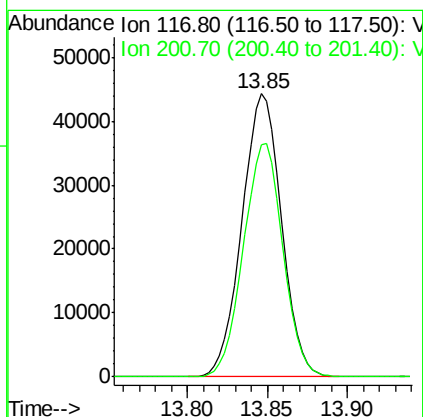
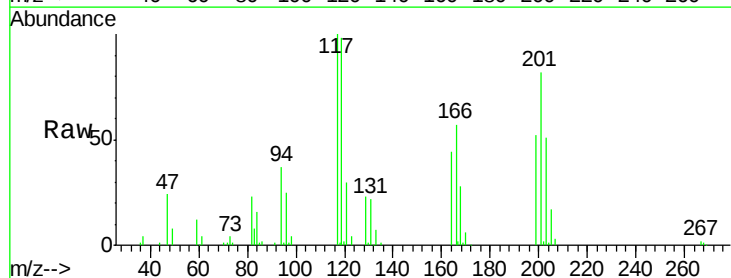
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

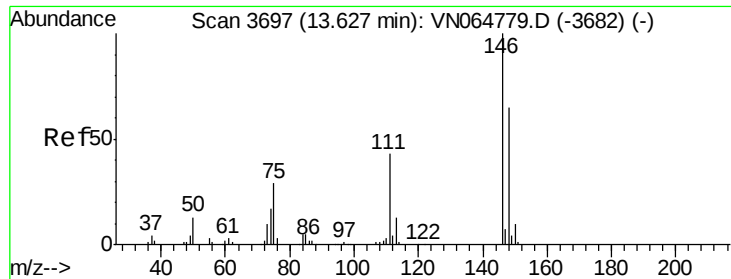
Tgt Ion: 91 Resp: 370558
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 26.3 12.9 38.6



#90
Hexachloroethane
Concen: 48.948 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion: 117 Resp: 74908
Ion Ratio Lower Upper
117 100
201 82.3 40.1 120.3

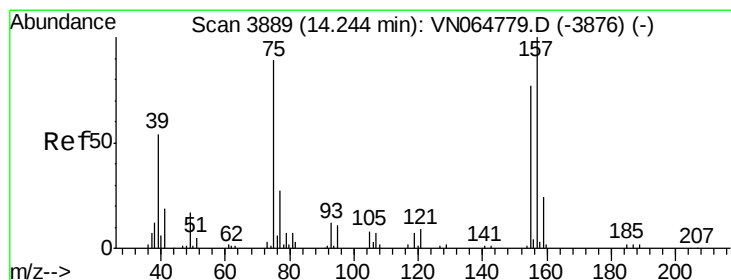
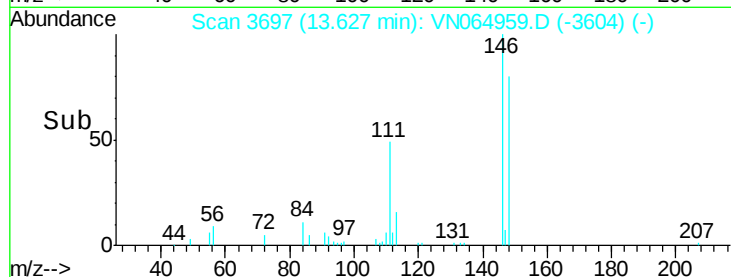
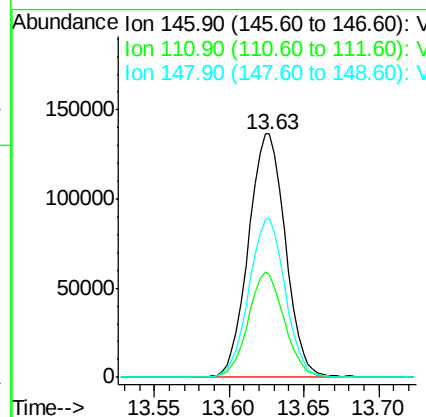
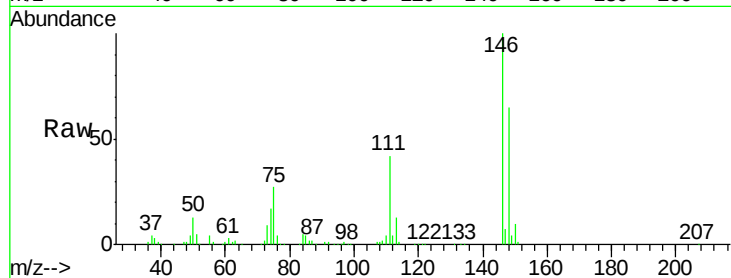




#91
 1,2-Dichlorobenzene
 Concen: 47.665 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

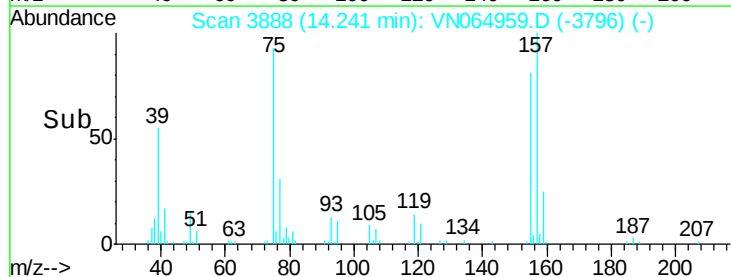
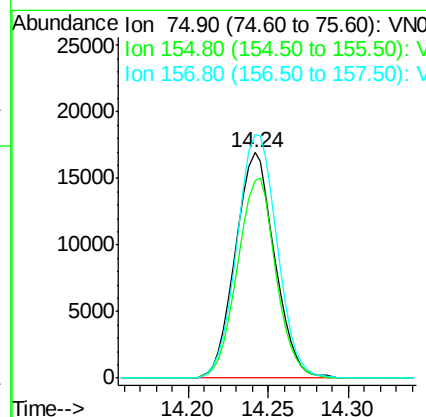
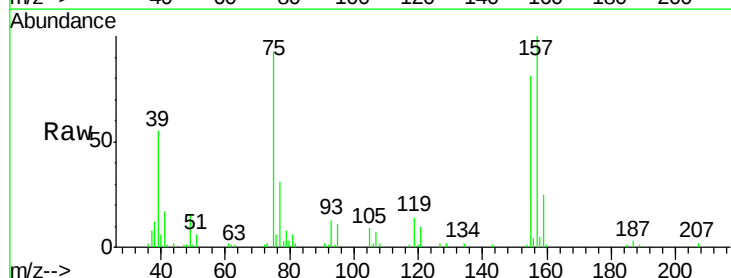
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

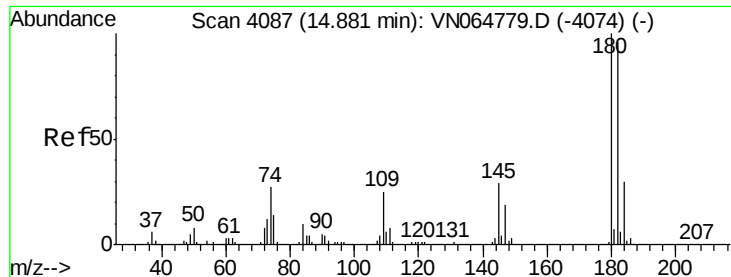
Tgt Ion: 146 Resp: 234495
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.097 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064959.D
 Acq: 8 Dec 2020 10:30

Tgt Ion: 75 Resp: 28351
 Ion Ratio Lower Upper
 75 100
 155 86.7 42.8 128.3
 157 110.3 56.4 169.1

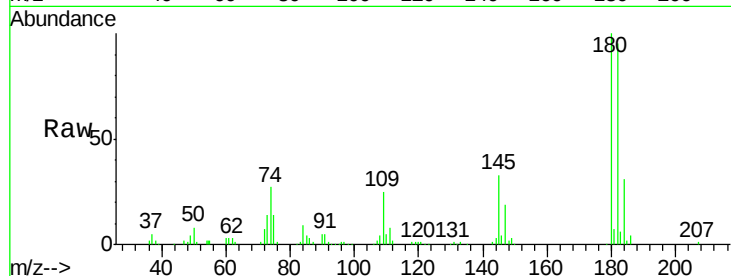




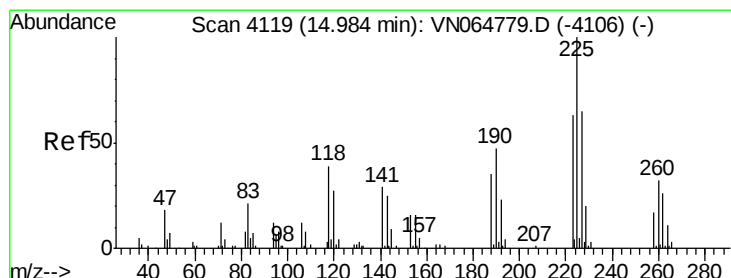
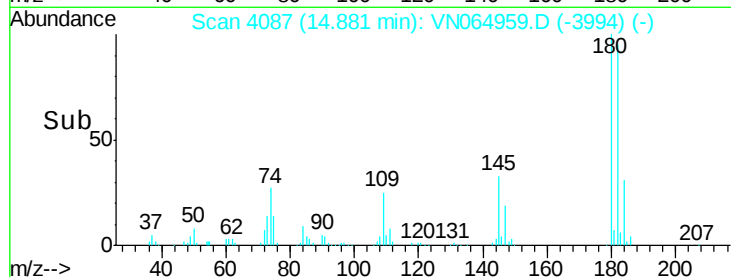
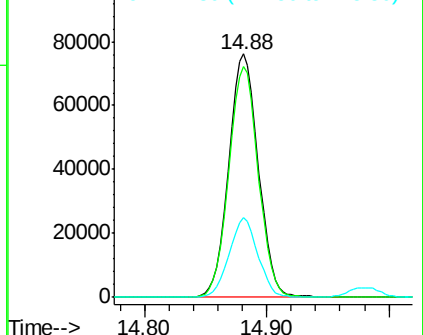
#93
1,2,4-Trichlorobenzene
Concen: 42.382 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 128980
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.9
145 31.8 15.3 45.8

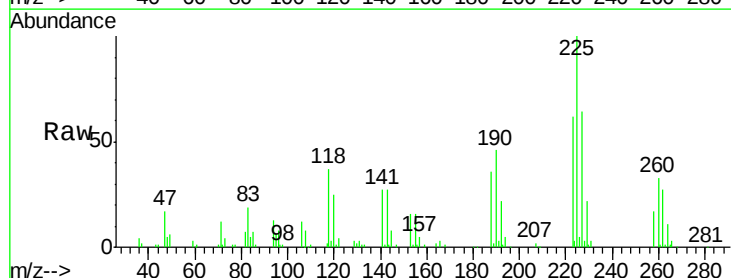


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

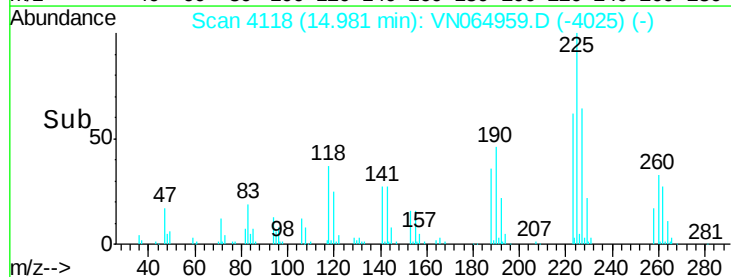
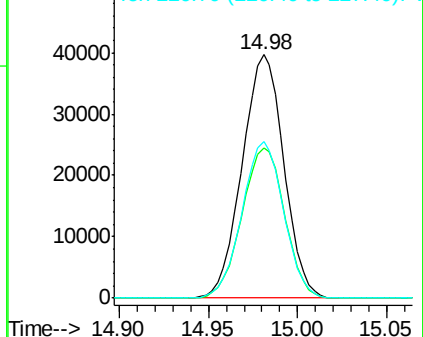


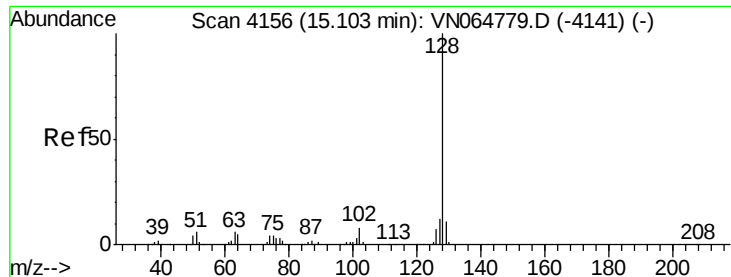
#94
Hexachlorobutadiene
Concen: 47.193 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion:225 Resp: 64647
Ion Ratio Lower Upper
225 100
223 63.1 31.0 93.0
227 64.2 32.0 96.0



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

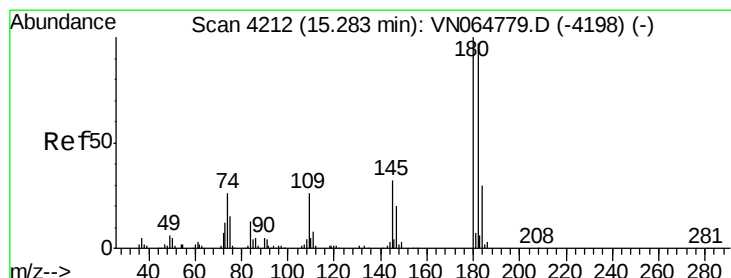
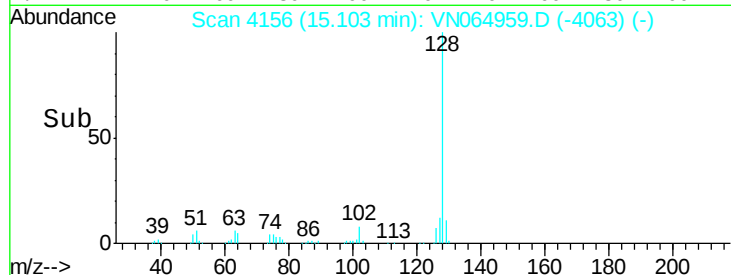
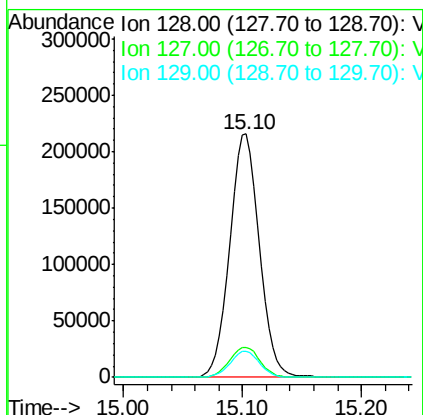
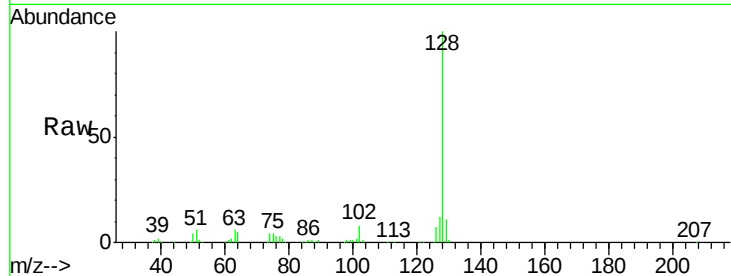




#95
Naphthalene
Concen: 40.811 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 372091
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 42.353 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064959.D
Acq: 8 Dec 2020 10:30

Tgt Ion:180 Resp: 121855
Ion Ratio Lower Upper
180 100
182 94.9 48.1 144.4
145 33.7 16.4 49.1

