

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064623.D
 Acq On : 13 Nov 2020 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 17 01:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	308905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	250741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	257284	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.55	113	177755	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	674943	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.38	95	255588	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180531	44.895	ug/l	98
3) Chloromethane	2.04	50	201262	41.206	ug/l	97
4) Vinyl Chloride	2.17	62	223947	44.650	ug/l	96
5) Bromomethane	2.53	94	158289	49.400	ug/l	99
6) Chloroethane	2.67	64	150194	46.771	ug/l	98
7) Trichlorofluoromethane	2.99	101	375309	50.816	ug/l	99
8) Diethyl Ether	3.37	74	127485	48.880	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	169645	48.370	ug/l	99
10) Methyl Iodide	3.91	142	203060	49.827	ug/l	99
11) Tert butyl alcohol	4.75	59	138497	233.406	ug/l	100
12) 1,1-Dichloroethene	3.69	96	154044	46.628	ug/l	95
13) Acrolein	3.56	56	74682	202.906	ug/l	94
14) Allyl chloride	4.27	41	279198	43.202	ug/l	96
15) Acrylonitrile	4.93	53	418357	253.239	ug/l	99
16) Acetone	3.78	43	524397	255.855	ug/l	97
17) Carbon Disulfide	4.00	76	441982	44.737	ug/l	98
18) Methyl Acetate	4.28	43	202600	50.280	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	555002	46.677	ug/l	99
20) Methylene Chloride	4.50	84	186036	45.748	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	176026	46.927	ug/l	97
22) Diisopropyl ether	5.90	45	634227	46.232	ug/l	99
23) Vinyl Acetate	5.85	43	2680563	240.194	ug/l	98
24) 1,1-Dichloroethane	5.79	63	352656	46.781	ug/l	100
25) 2-Butanone	6.79	43	675372	258.618	ug/l	99
26) 2,2-Dichloropropane	6.77	77	322144	47.207	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	203064	46.719	ug/l	97
28) Bromochloromethane	7.15	49	171149	46.189	ug/l	100
29) Tetrahydrofuran	7.17	42	394579	246.274	ug/l	98
30) Chloroform	7.33	83	384867	48.570	ug/l	99
31) Cyclohexane	7.61	56	272862	41.717	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	341915	48.649	ug/l	99
36) 1,1-Dichloropropene	7.75	75	274074	48.703	ug/l	99
37) Ethyl Acetate	6.88	43	264667	46.395	ug/l	99
38) Carbon Tetrachloride	7.73	117	304185	50.577	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	249497	49.458	ug/l	95
40) Benzene	8.00	78	790426	47.800	ug/l	100
41) Methacrylonitrile	7.13	41	117623	47.145	ug/l	95
42) 1,2-Dichloroethane	8.08	62	337681	50.602	ug/l	100
43) Isopropyl Acetate	8.13	43	445626	48.864	ug/l	100
44) Trichloroethene	8.80	130	201201	48.226	ug/l	96
45) 1,2-Dichloropropane	9.08	63	212520	48.166	ug/l	96
46) Dibromomethane	9.17	93	148873	51.255	ug/l	98
47) Bromodichloromethane	9.37	83	323485	51.796	ug/l	99
48) Methyl methacrylate	9.17	41	230195	50.022	ug/l	99
49) 1,4-Dioxane	9.17	88	61872	1020.779	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1417768	266.581	ug/l	100
52) Toluene	10.12	92	503684	49.940	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	341012	51.504	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	353677	49.960	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	201169	51.144	ug/l	99
56) Ethyl methacrylate	10.40	69	286616	44.499	ug/l	98
57) 1,3-Dichloropropane	10.68	76	347419	50.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	767483	250.897	ug/l	98
59) 2-Hexanone	10.72	43	1071550	247.130	ug/l	100
60) Dibromochloromethane	10.87	129	238548	54.168	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211347	52.973	ug/l	99
64) Tetrachloroethene	10.60	164	190577	49.592	ug/l	98
65) Chlorobenzene	11.41	112	540315	49.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	217957	53.420	ug/l	99
67) Ethyl Benzene	11.48	91	989902	50.885	ug/l	98
68) m/p-Xylenes	11.60	106	739899	104.875	ug/l	99
69) o-Xylene	11.92	106	343208	50.343	ug/l	98
70) Styrene	11.94	104	617229	53.804	ug/l	99
71) Bromoform	12.10	173	154211	50.328	ug/l #	99
73) Isopropylbenzene	12.22	105	922204	46.273	ug/l	99
74) N-amyl acetate	12.04	43	411423	42.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	292742	47.822	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	408305	67.208	ug/l #	100
77) Bromobenzene	12.50	156	219847	45.183	ug/l	99
78) n-propylbenzene	12.57	91	1106715	48.708	ug/l	99
79) 2-Chlorotoluene	12.65	91	666096	46.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	801913	48.774	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	101940	46.850	ug/l	98
82) 4-Chlorotoluene	12.75	91	726872	48.163	ug/l	99
83) tert-Butylbenzene	12.97	119	624842	48.660	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	814023	49.251	ug/l	99
85) sec-Butylbenzene	13.14	105	835015	51.345	ug/l	100
86) p-Isopropyltoluene	13.26	119	757411	51.778	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	413788	49.196	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	405187	46.615	ug/l	99
89) n-Butylbenzene	13.59	91	663006	52.715	ug/l	100
90) Hexachloroethane	13.85	117	149114	52.843	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	400600	49.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61274	50.276	ug/l	99

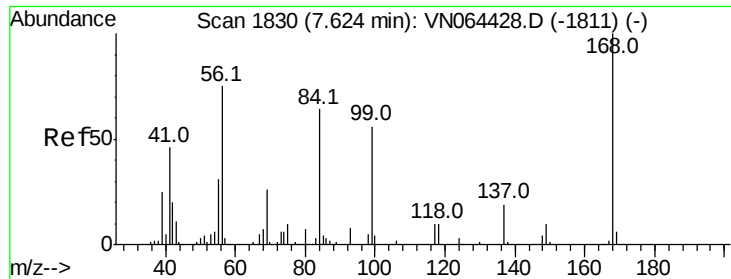
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	181039	45.262	ug/l	100
94) Hexachlorobutadiene	14.98	225	97732	59.330	ug/l	99
95) Naphthalene	15.10	128	560434	41.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	184822	47.621	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

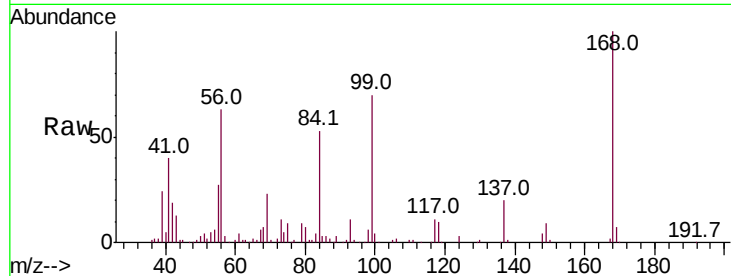
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 308905

Ion Ratio Lower Upper

168 100

99 69.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

100000

50000

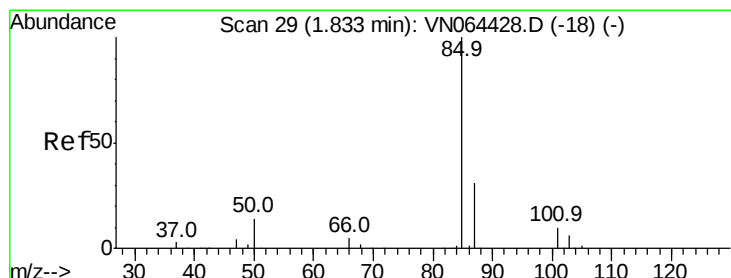
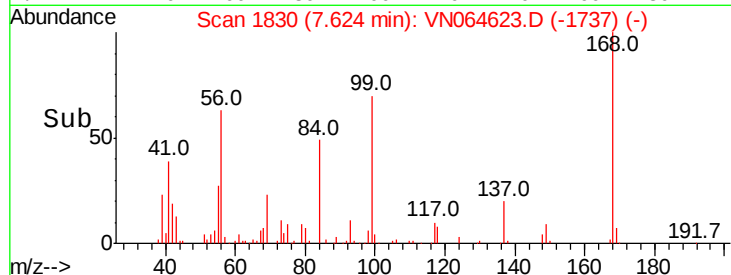
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 44.895 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064623.D

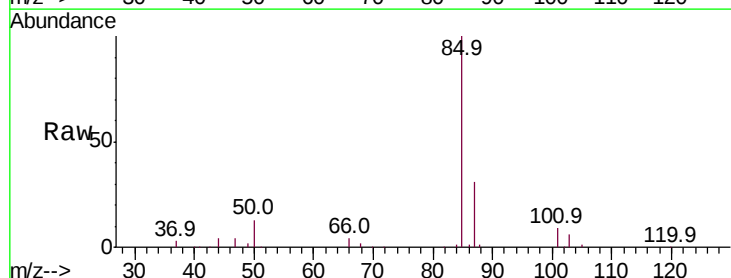
Acq: 13 Nov 2020 11:04

Tgt Ion: 85 Resp: 180531

Ion Ratio Lower Upper

85 100

87 30.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

50000

0

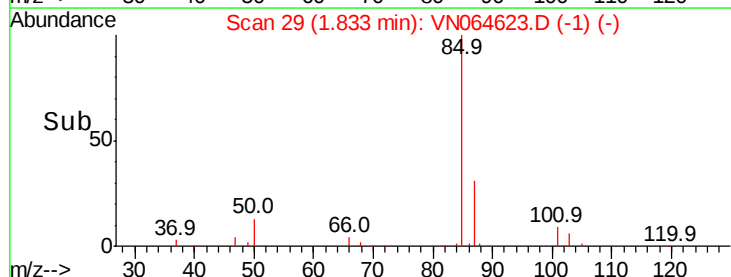
1.75

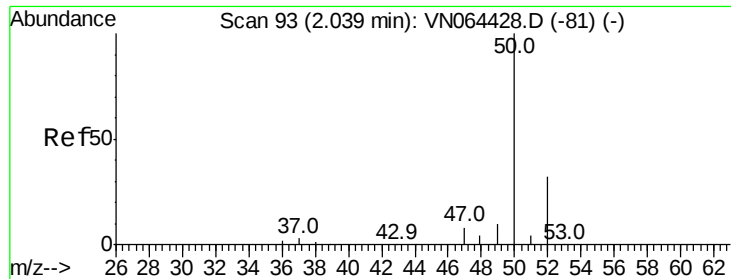
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 41.206 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

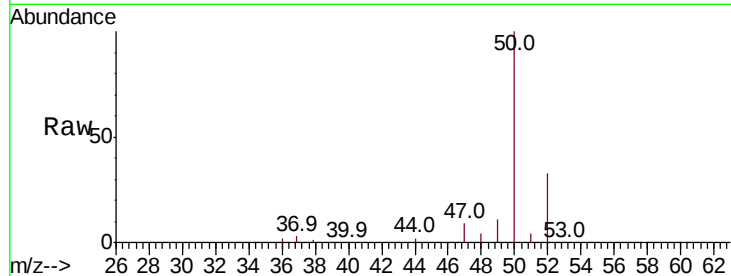
VSTDCCC050

Tot Ion: 50 Resp: 201262

Ion Ratio Lower Upper

50 100

52 33.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

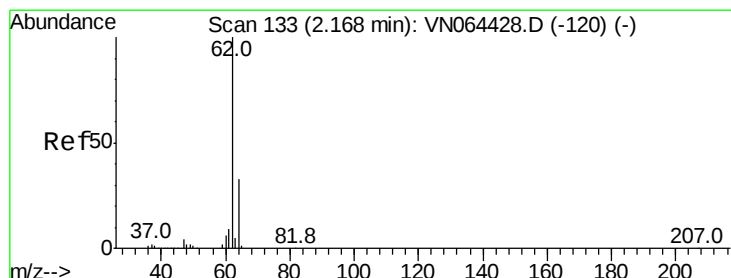
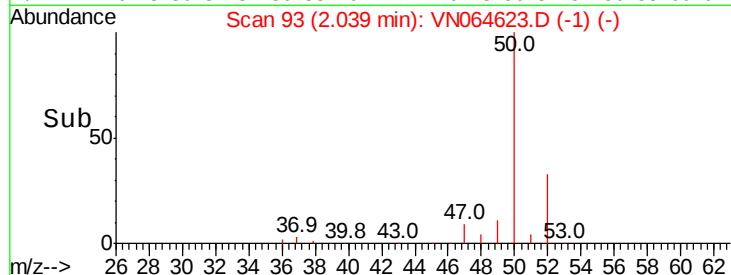
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 44.650 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064623.D

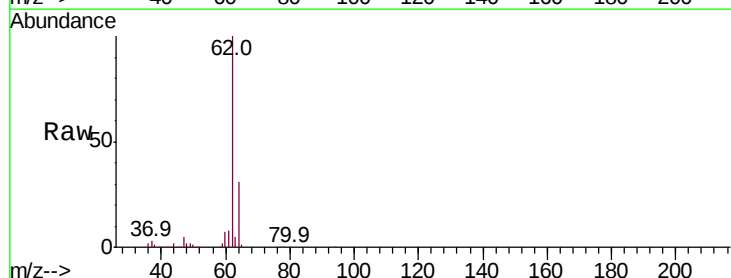
Acq: 13 Nov 2020 11:04

Tgt Ion: 62 Resp: 223947

Ion Ratio Lower Upper

62 100

64 30.8 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

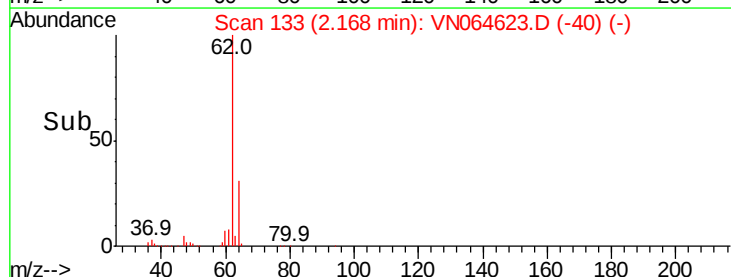
150000

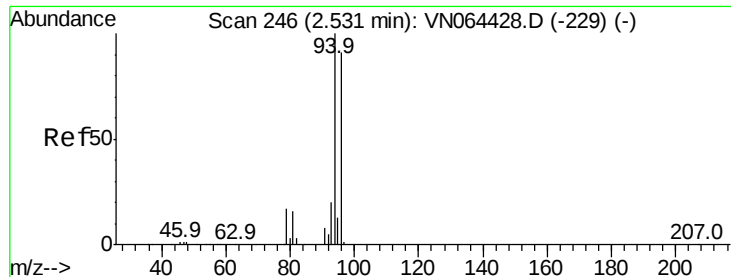
100000

50000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 49.400 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

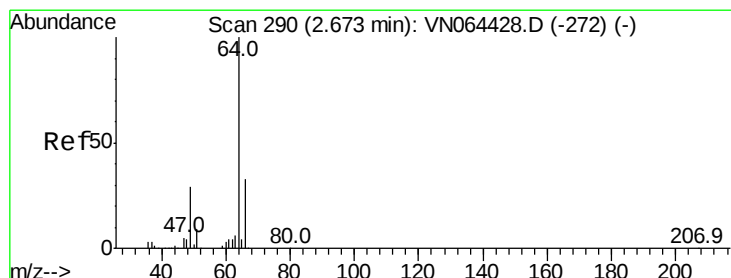
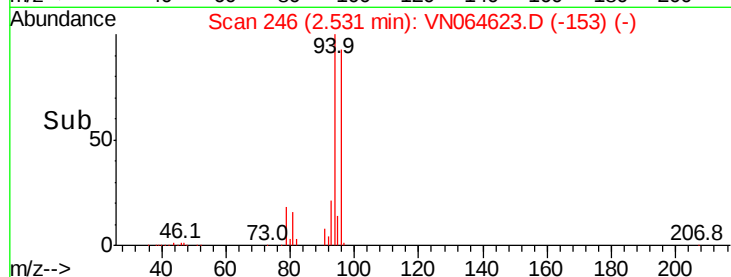
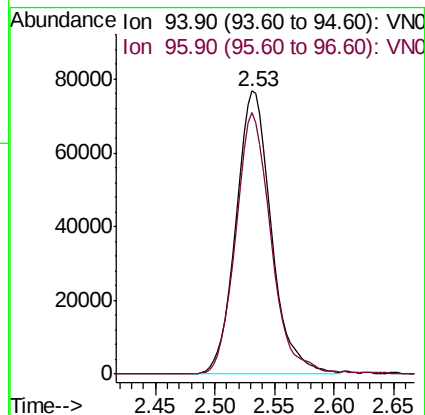
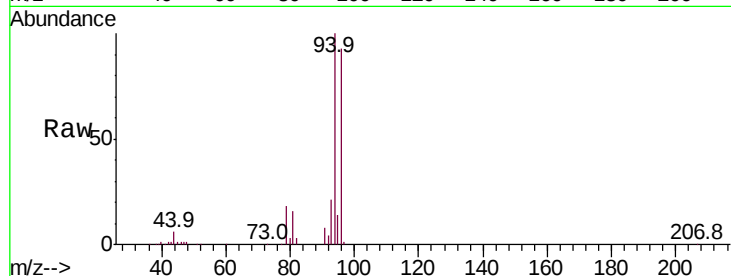
VSTDCCC050

Tot Ion: 94 Resp: 158289

Ion Ratio Lower Upper

94 100

96 92.3 73.1 109.7



#6

Chloroethane

Concen: 46.771 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064623.D

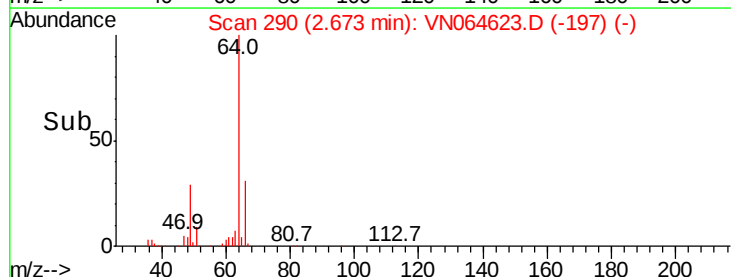
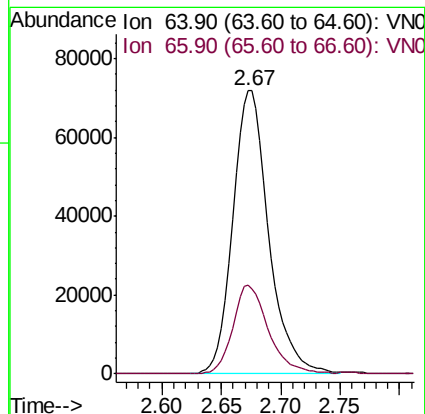
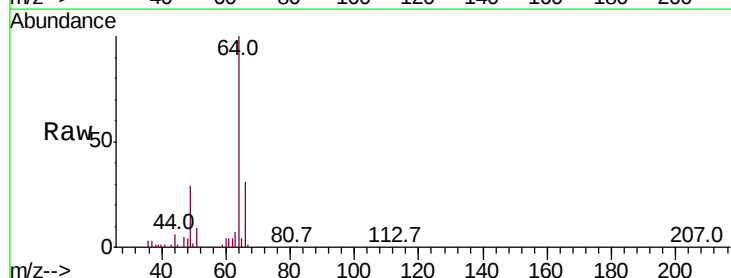
Acq: 13 Nov 2020 11:04

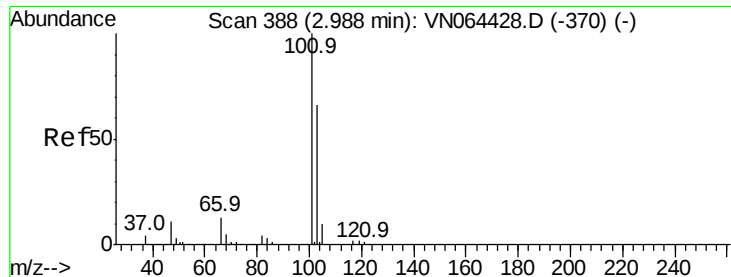
Tgt Ion: 64 Resp: 150194

Ion Ratio Lower Upper

64 100

66 31.2 26.1 39.1



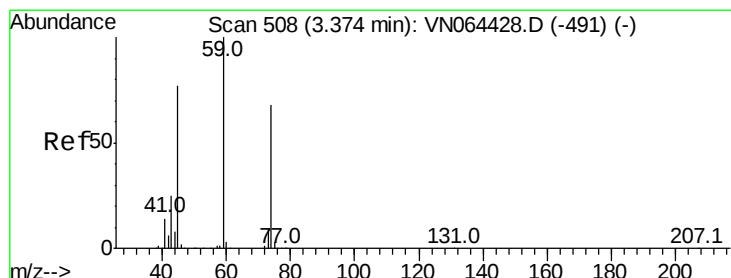
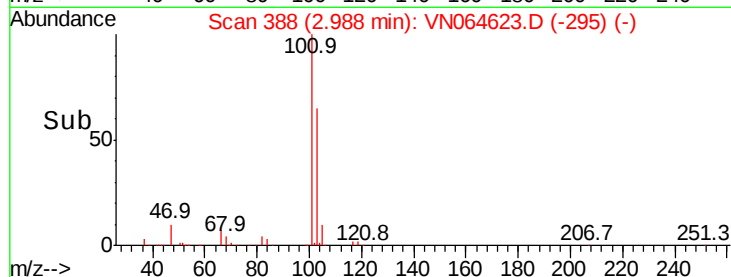
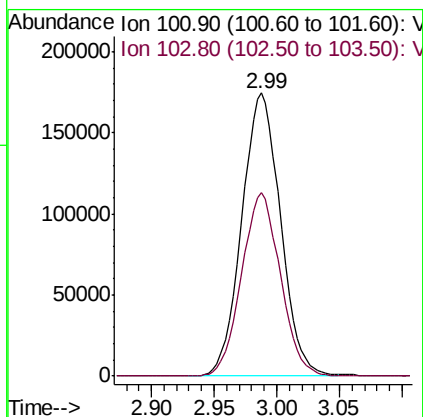
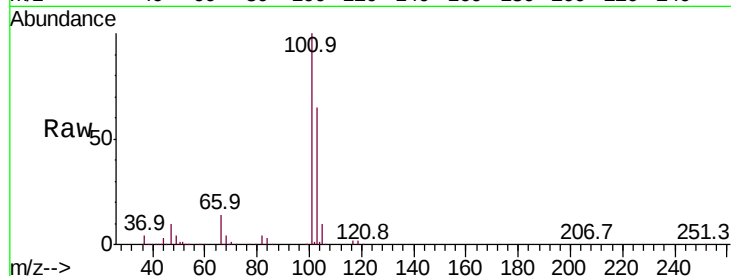


#7

Trichlorofluoromethane
 Concen: 50.816 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
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 VSTDCCC050

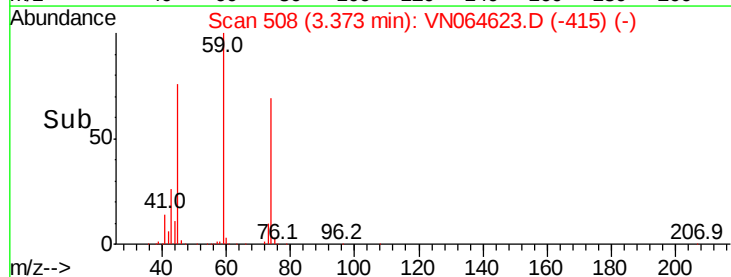
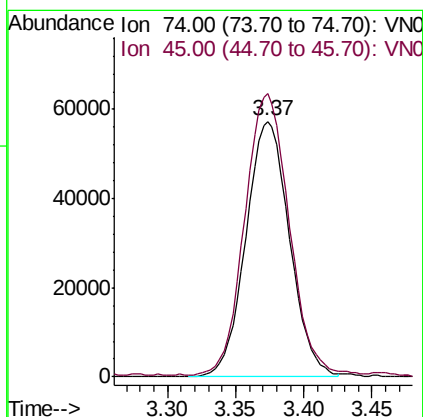
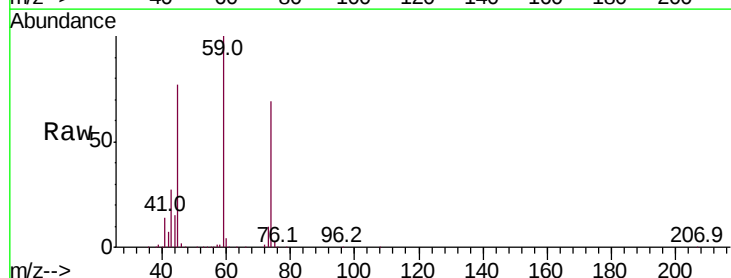
Tot Ion:101 Resp: 375309
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.4 78.6

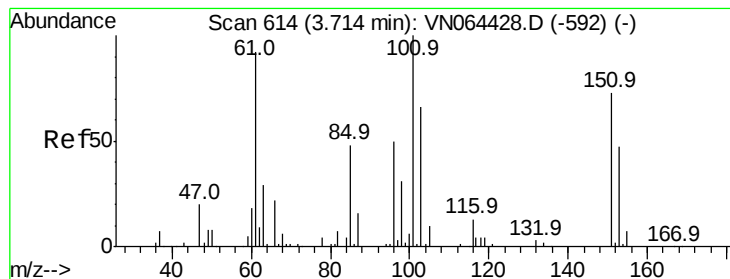


#8

Diethyl Ether
 Concen: 48.880 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 74 Resp: 127485
 Ion Ratio Lower Upper
 74 100
 45 111.4 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.370 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

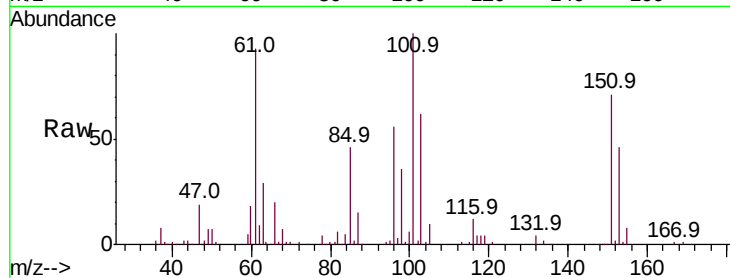
Tot Ion:101 Resp: 169645

Ion Ratio Lower Upper

101 100

85 46.8 38.6 57.8

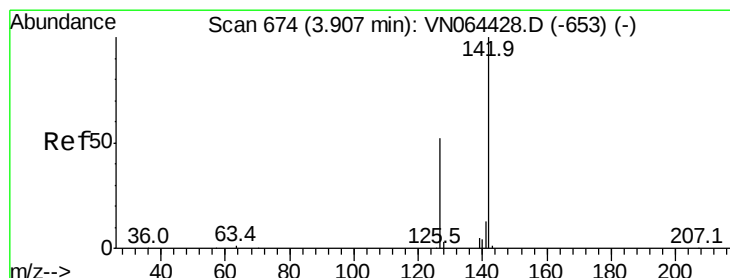
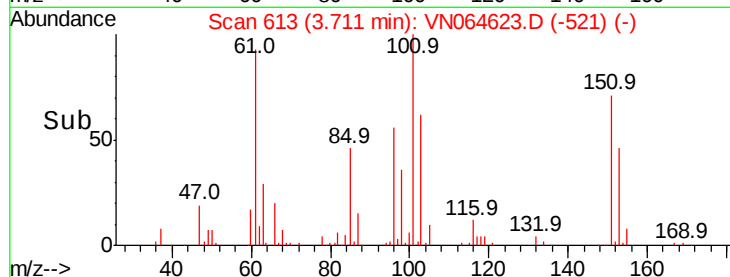
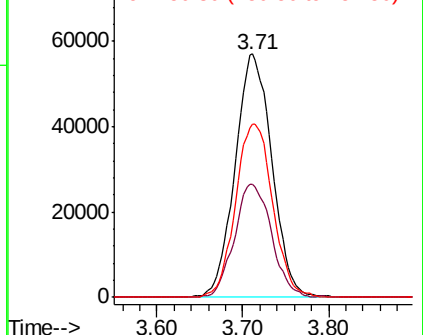
151 71.7 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.827 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

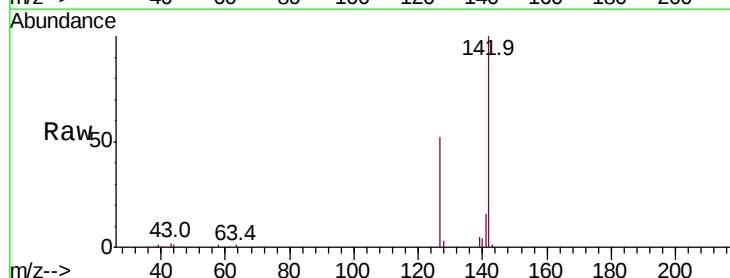
Tgt Ion:142 Resp: 203060

Ion Ratio Lower Upper

142 100

127 52.3 41.8 62.8

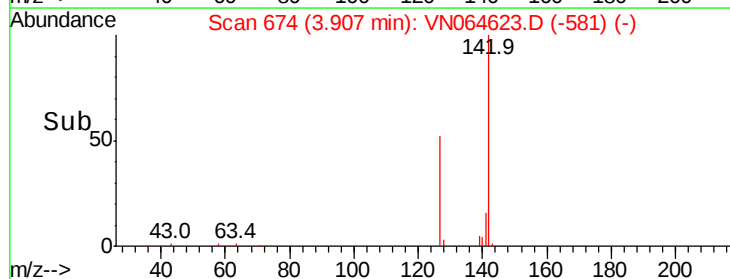
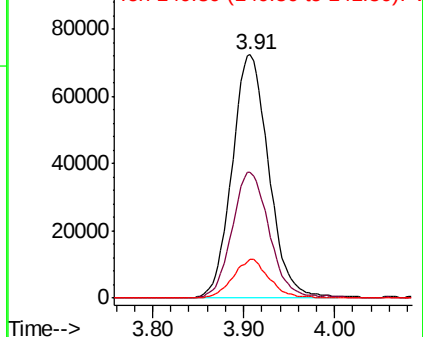
141 15.5 11.4 17.2

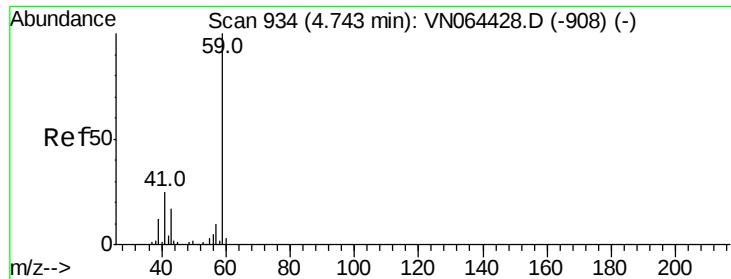


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 233.406 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.00 min

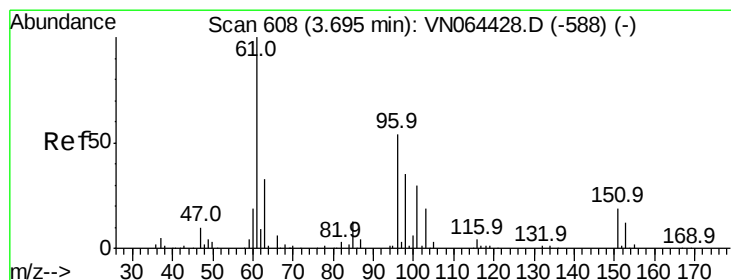
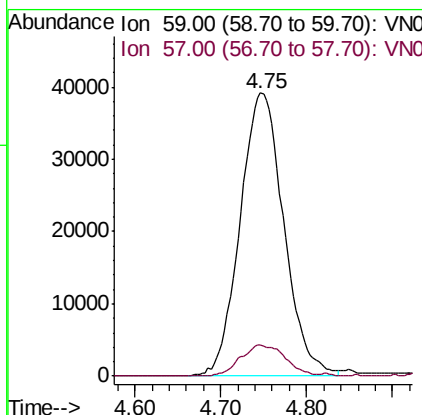
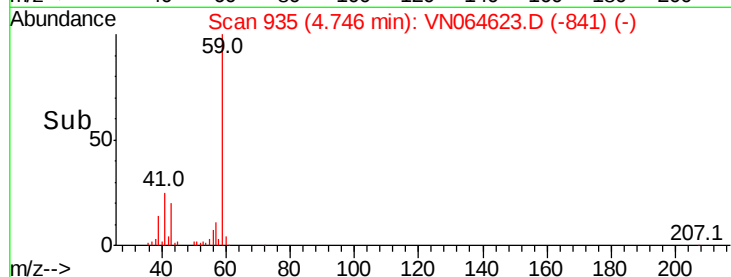
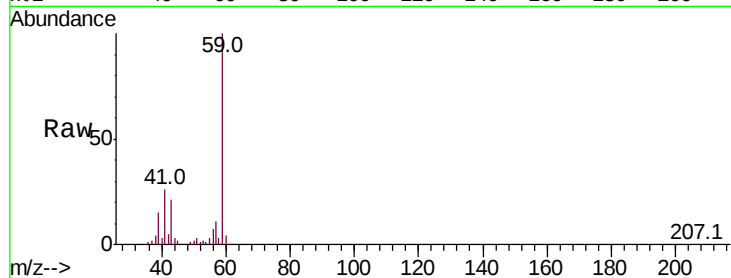
Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 138497

Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.0	13.4



#12

1,1-Dichloroethene

Concen: 46.628 ug/l

RT: 3.69 min Scan# 607

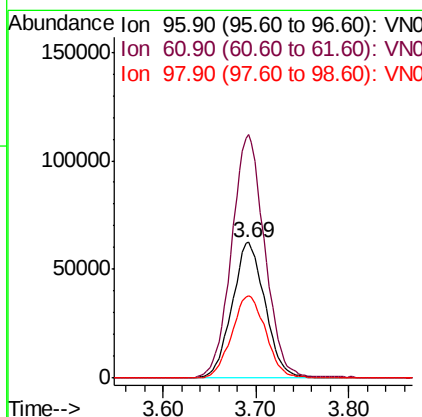
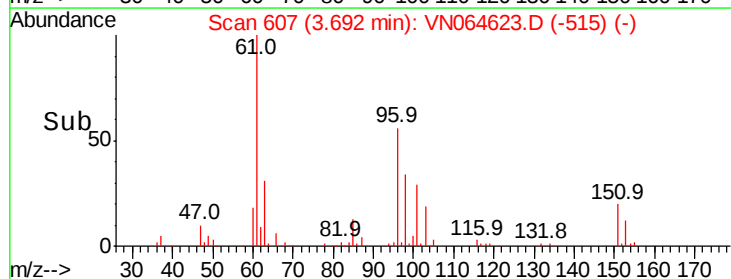
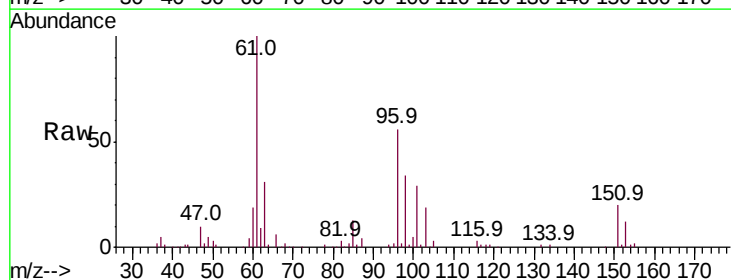
Delta R.T. -0.00 min

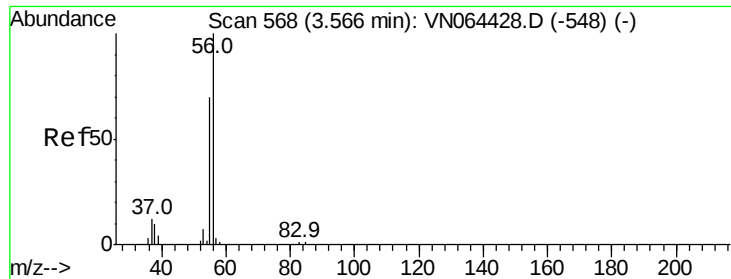
Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion: 96 Resp: 154044

Ion	Ratio	Lower	Upper
96	100		
61	179.6	149.5	224.3
98	61.0	52.4	78.6





#13

Acrolein

Concen: 202.906 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

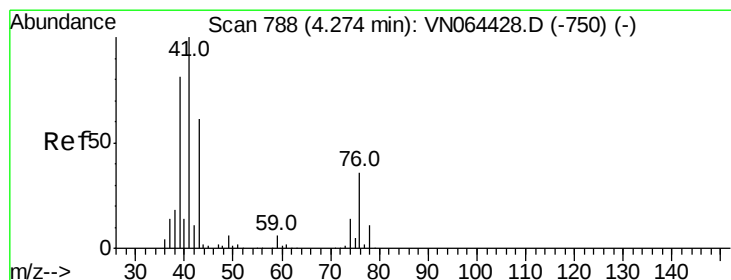
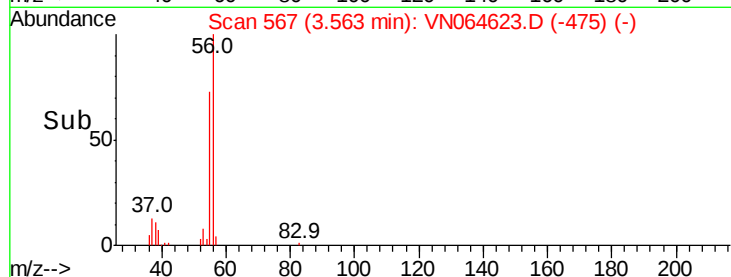
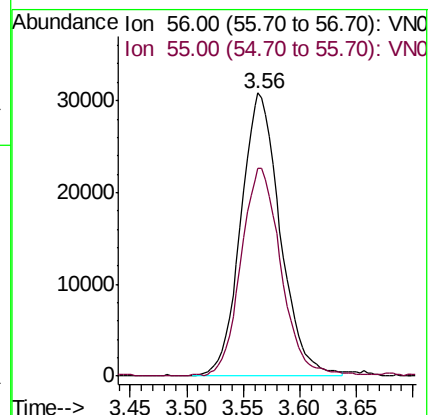
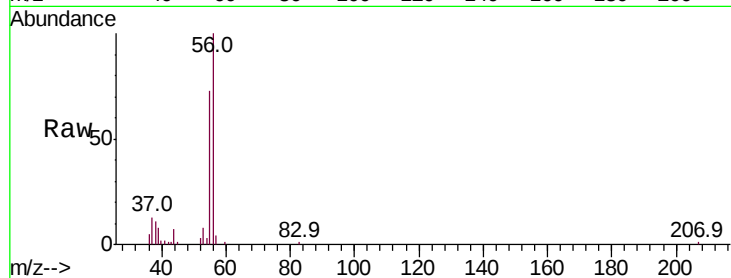
VSTDCCC050

Tot Ion: 56 Resp: 74682

Ion Ratio Lower Upper

56 100

55 74.8 55.9 83.9



#14

Allyl chloride

Concen: 43.202 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

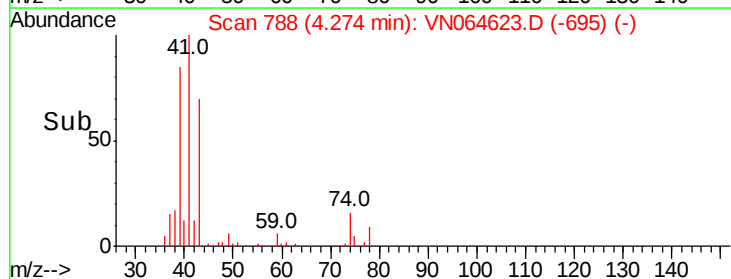
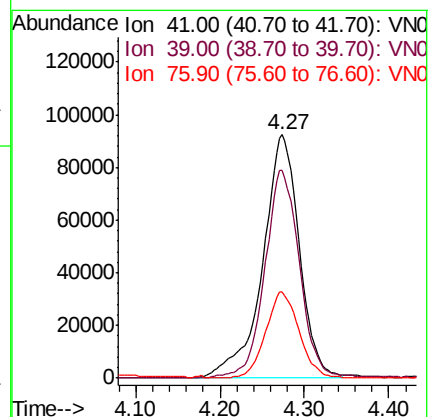
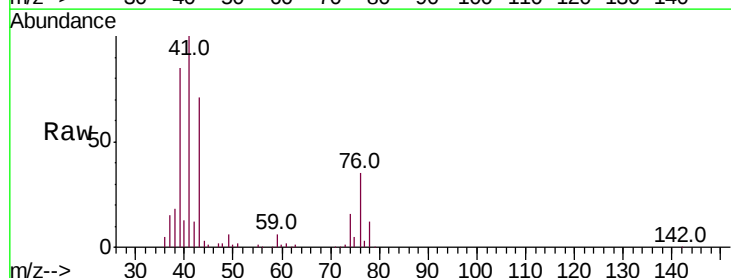
Tgt Ion: 41 Resp: 279198

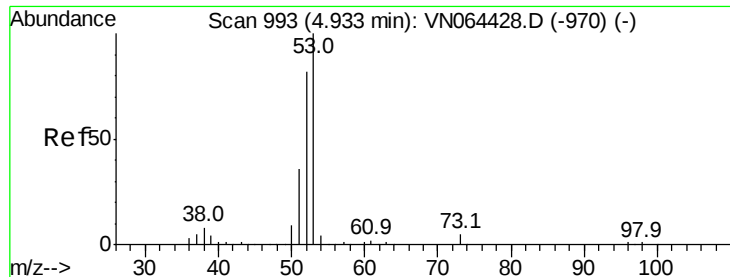
Ion Ratio Lower Upper

41 100

39 81.6 61.8 92.8

76 31.5 25.4 38.0





#15

Acrylonitrile

Concen: 253.239 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

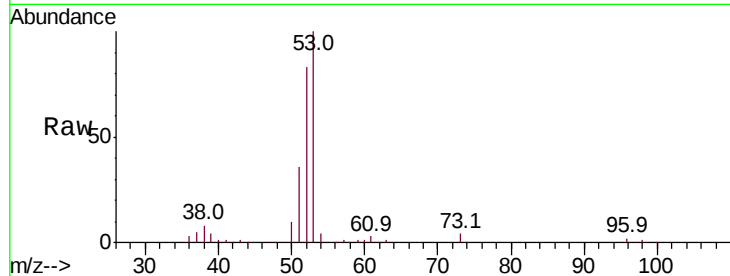
Tot Ion: 53 Resp: 418357

Ion Ratio Lower Upper

53 100

52 83.0 65.6 98.4

51 38.7 29.9 44.9



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

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

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

4.93

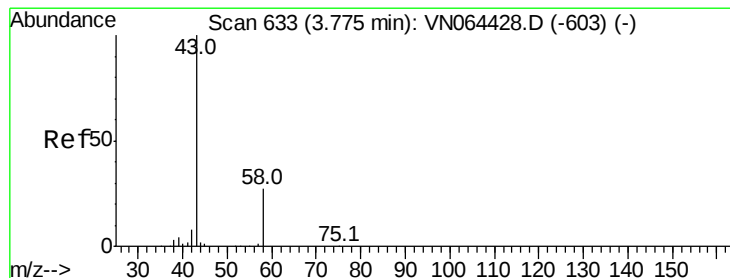
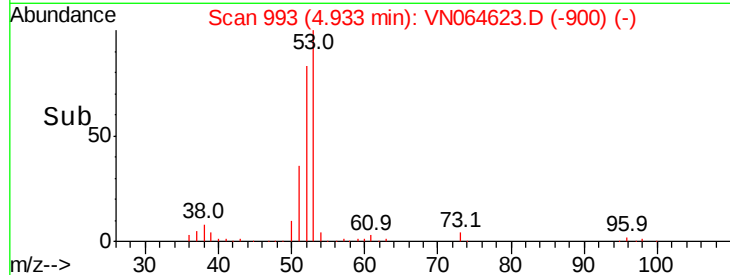
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 255.855 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064623.D

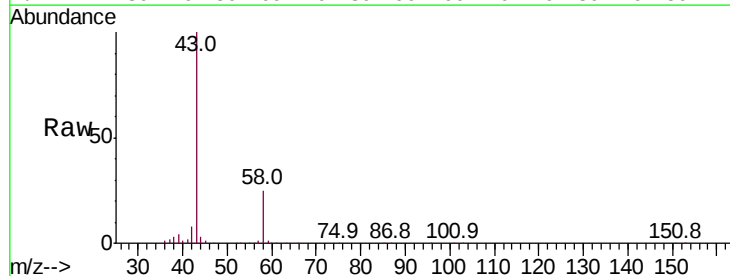
Acq: 13 Nov 2020 11:04

Tgt Ion: 43 Resp: 524397

Ion Ratio Lower Upper

43 100

58 25.3 21.4 32.0



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

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

3.78

200000

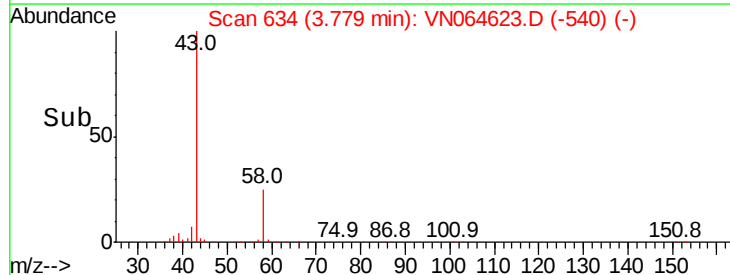
150000

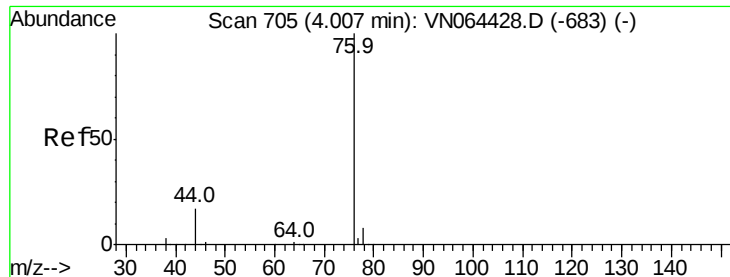
100000

50000

0

Time-->

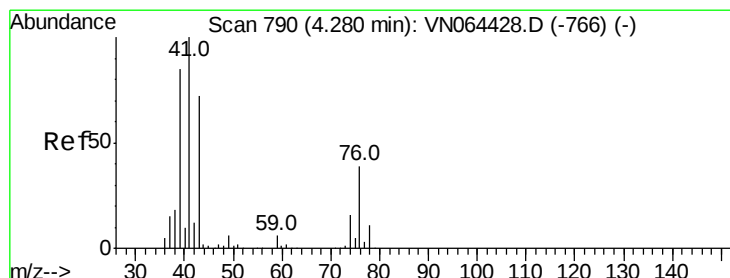
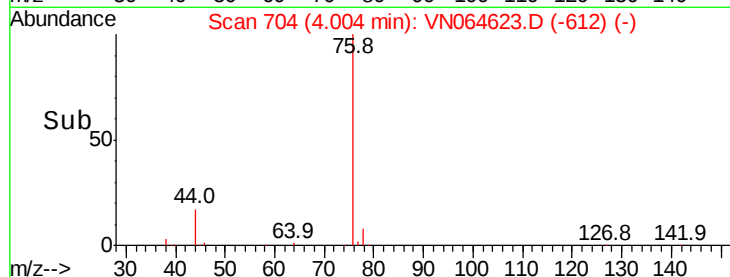
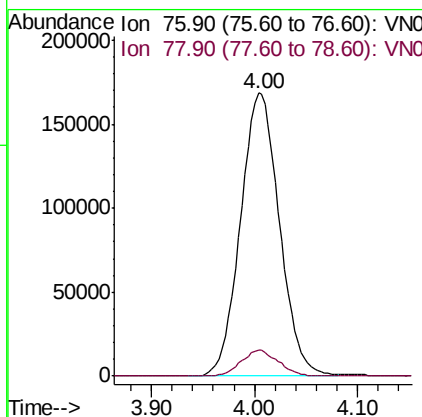
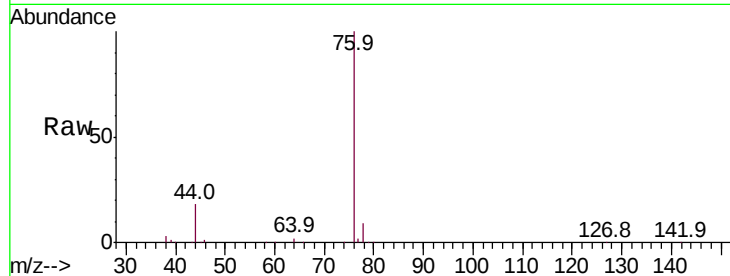




#17
Carbon Disulfide
Concen: 44.737 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

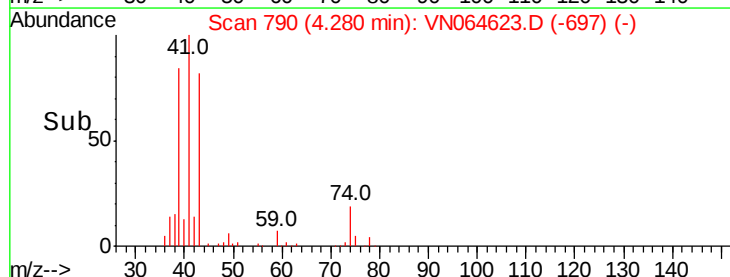
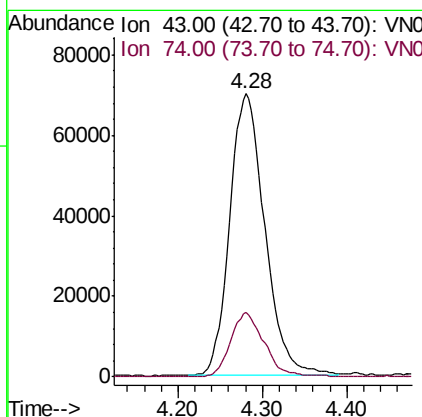
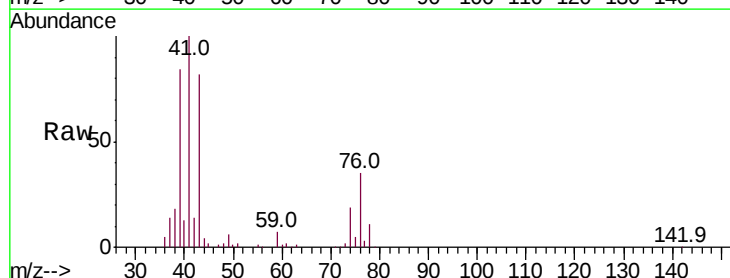
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

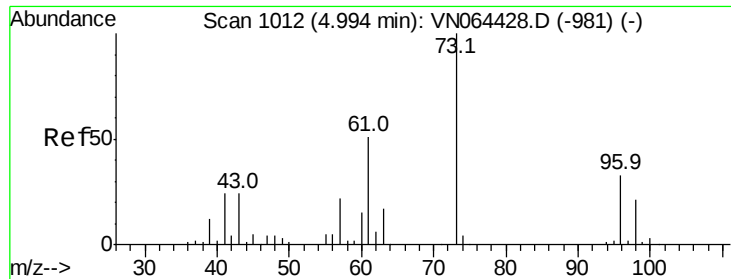
Tot Ion: 76 Resp: 441982
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 50.280 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 43 Resp: 202600
Ion Ratio Lower Upper
43 100
74 21.8 17.0 25.4

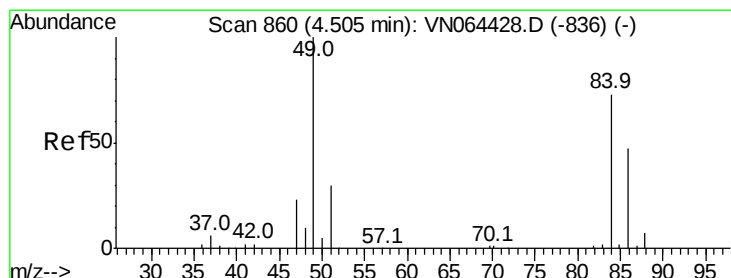
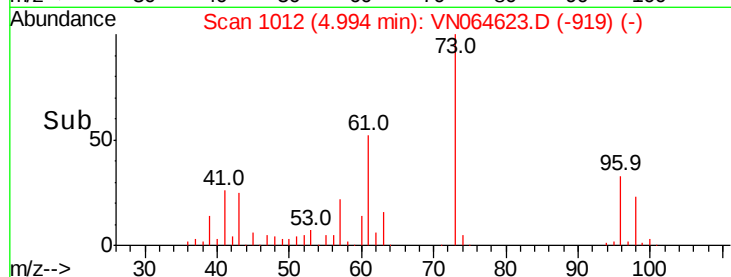
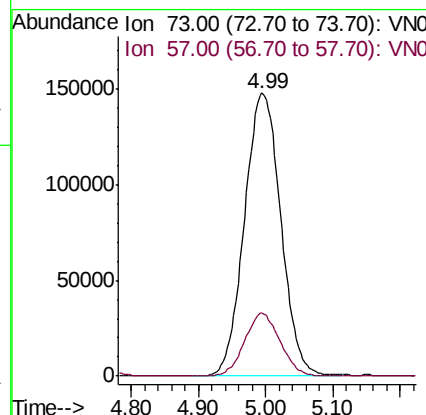
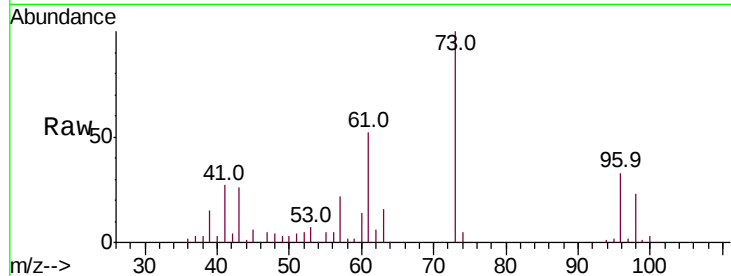




#19
Methvl tert-butvl Ether
Concen: 46.677 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

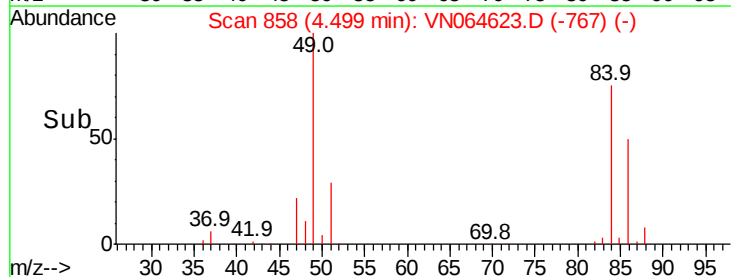
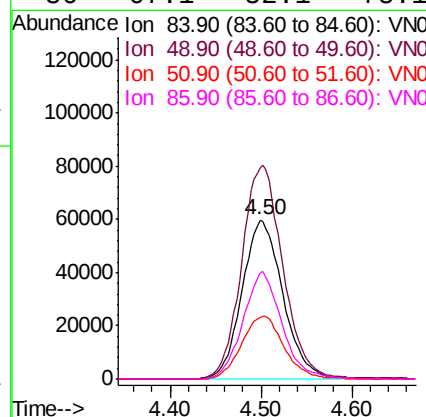
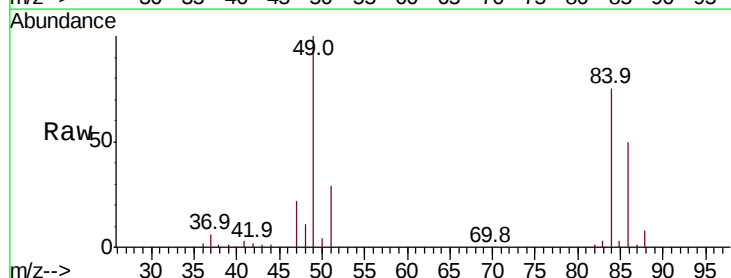
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

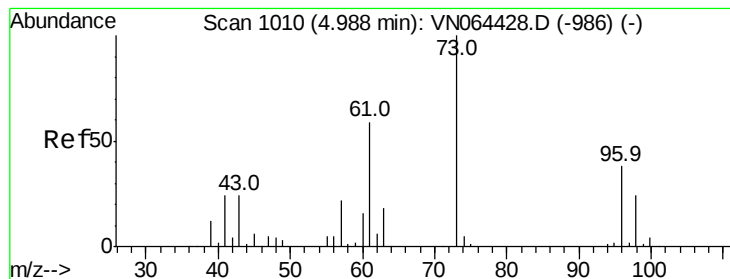
Tot Ion: 73 Resp: 555002
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 45.748 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 84 Resp: 186036
Ion Ratio Lower Upper
84 100
49 133.1 110.1 165.1
51 39.1 33.6 50.4
86 67.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 46.927 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

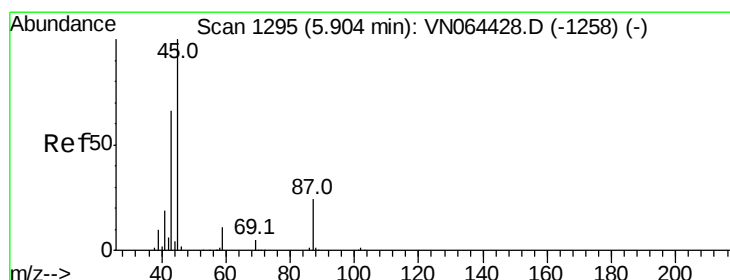
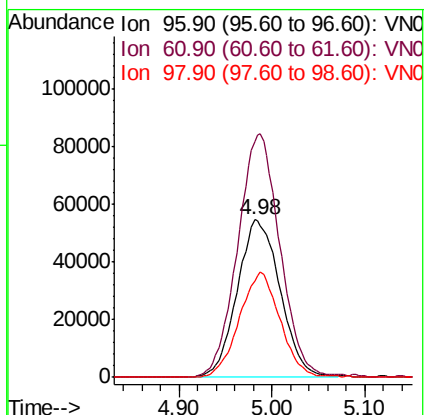
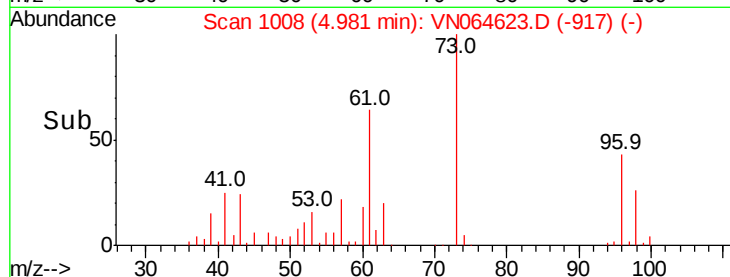
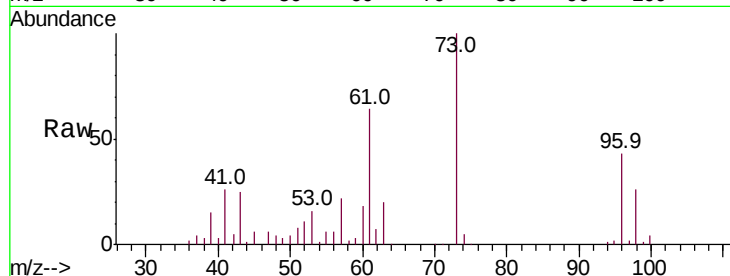
Tot Ion: 96 Resp: 176026

Ion Ratio Lower Upper

96 100

61 149.5 122.4 183.6

98 60.8 50.4 75.6



#22

Diisopropyl ether

Concen: 46.232 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion: 45 Resp: 634227

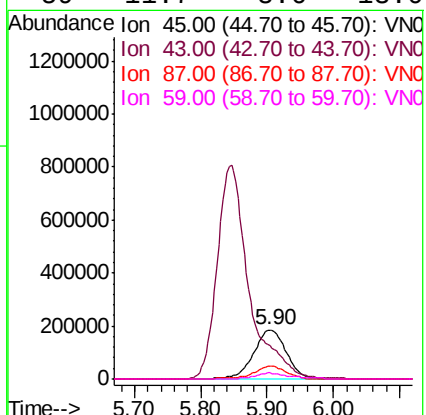
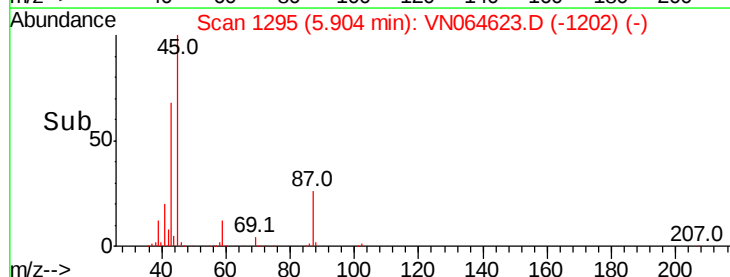
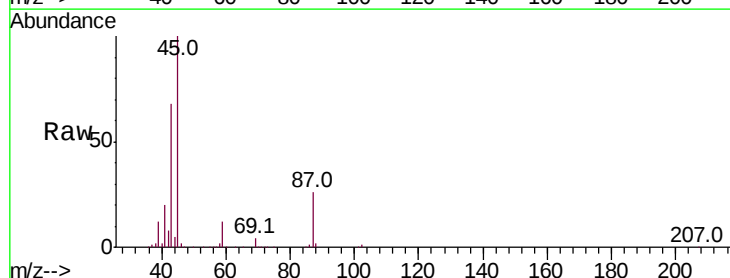
Ion Ratio Lower Upper

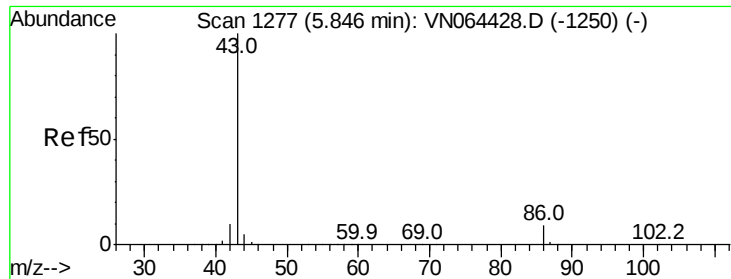
45 100

43 66.9 53.2 79.8

87 25.6 19.9 29.9

59 11.7 8.6 13.0

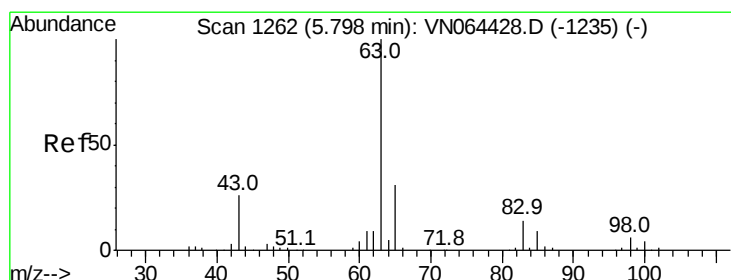
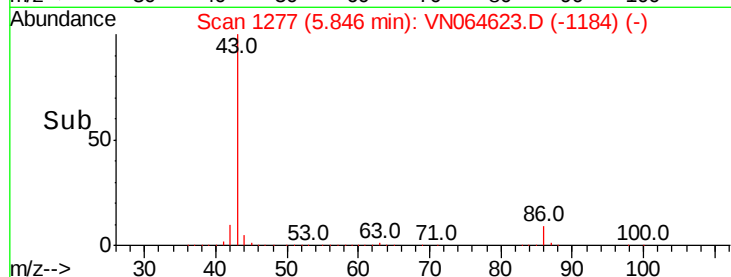
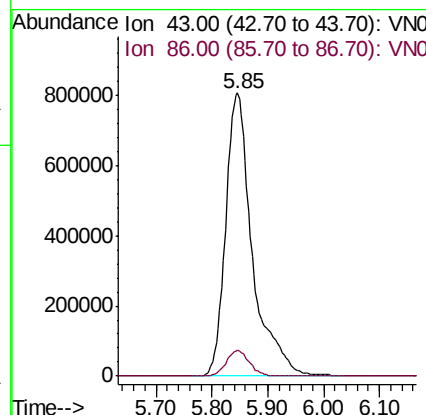
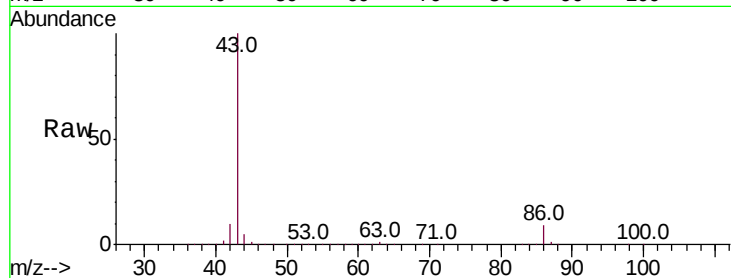




#23
 Vinyl Acetate
 Concen: 240.194 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

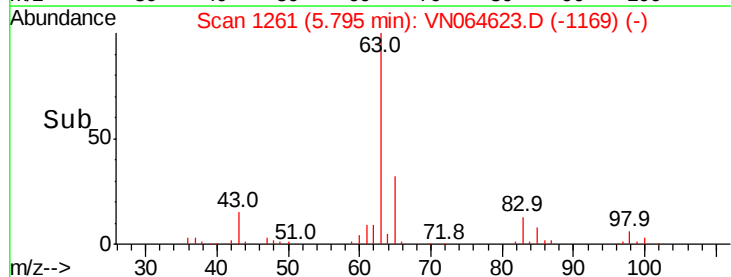
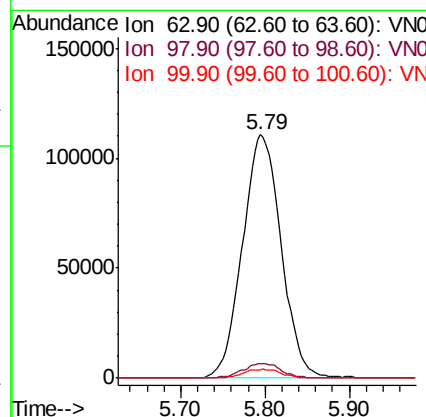
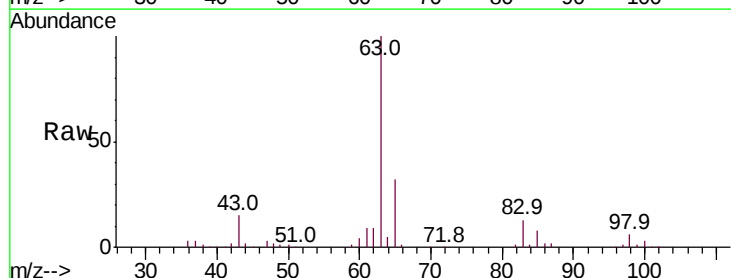
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

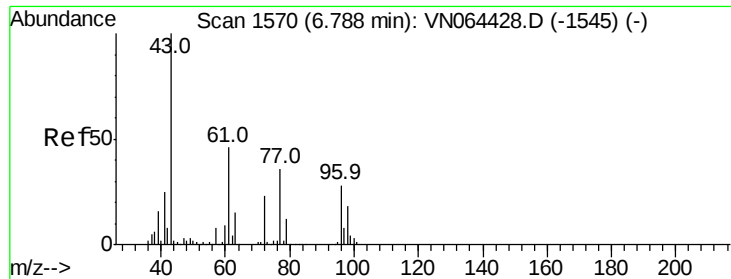
Tot Ion: 43 Resp: 2680563
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 46.781 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 63 Resp: 352656
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.4 1.8 5.3

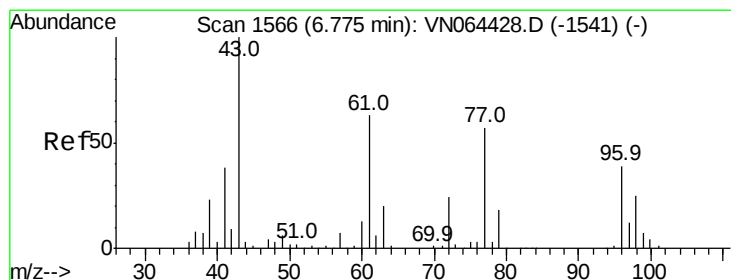
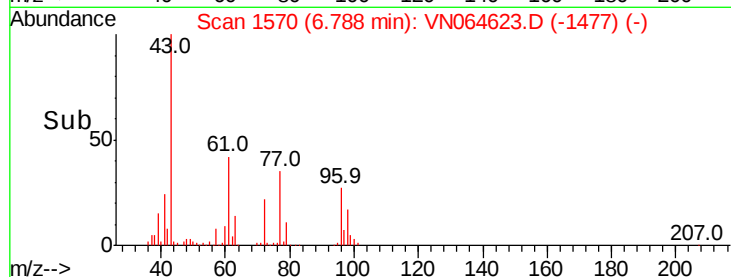
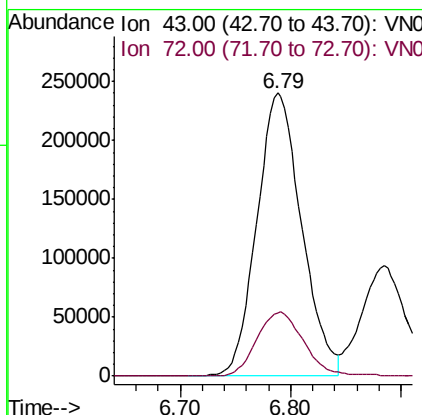
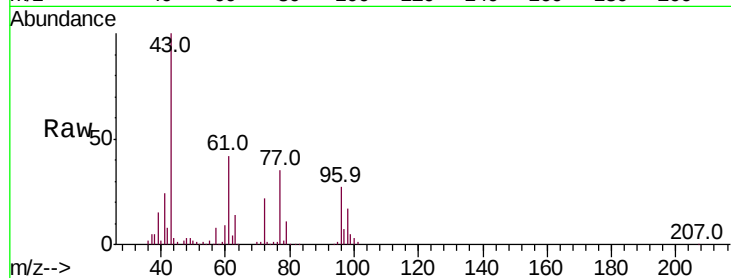




#25
2-Butanone
Concen: 258.618 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

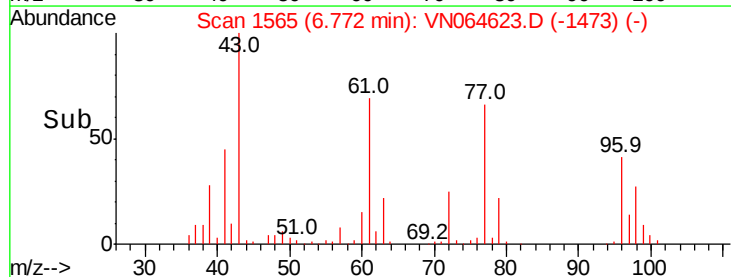
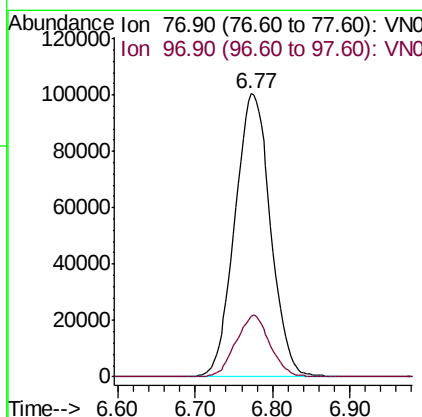
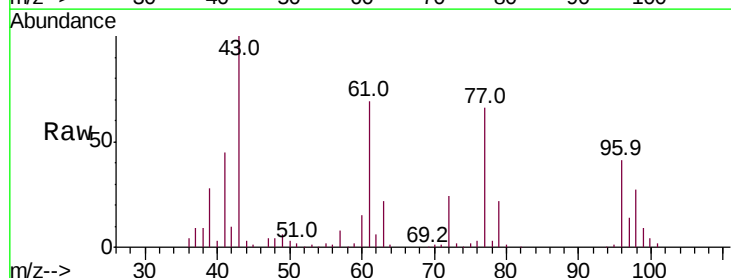
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

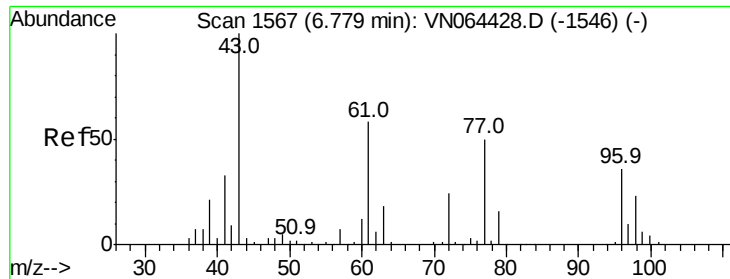
Tot Ion: 43 Resp: 675372
Ion Ratio Lower Upper
43 100
72 22.5 18.5 27.7



#26
2,2-Dichloropropane
Concen: 47.207 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 77 Resp: 322144
Ion Ratio Lower Upper
77 100
97 20.9 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 46.719 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

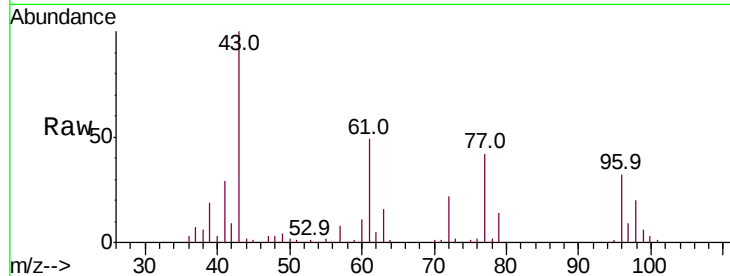
Tot Ion: 96 Resp: 203064

Ion Ratio Lower Upper

96 100

61 159.7 0.0 329.6

98 64.4 0.0 131.2

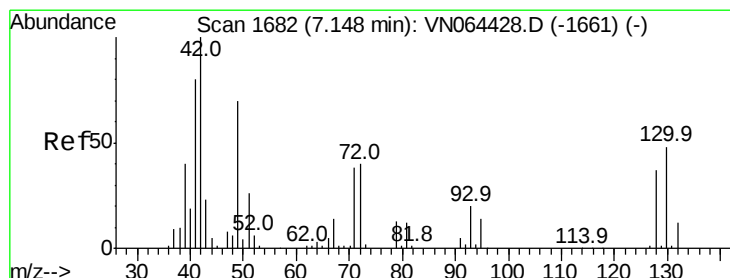
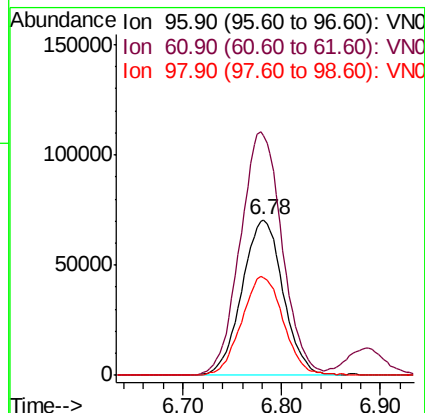
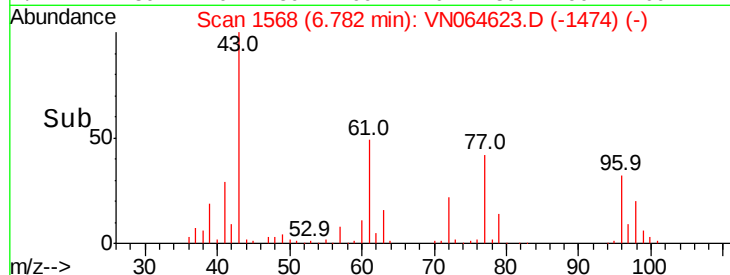


Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

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

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

Time-->



#28

Bromochloromethane

Concen: 46.189 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

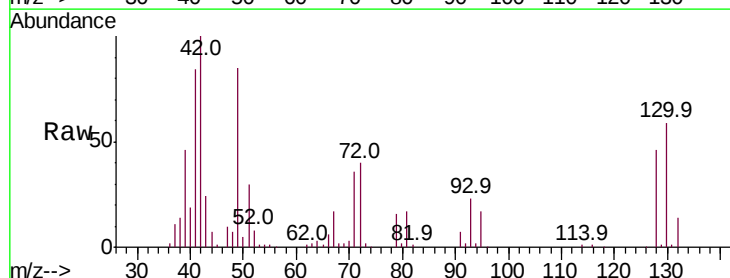
Tgt Ion: 49 Resp: 171149

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.6

130 67.5 54.2 81.4

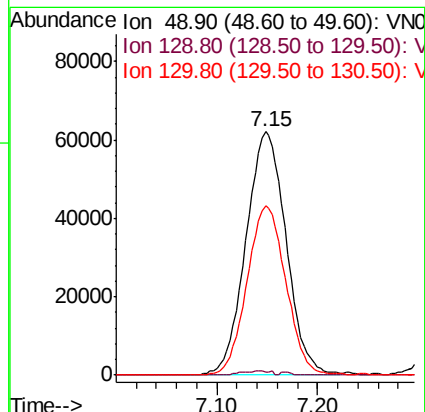
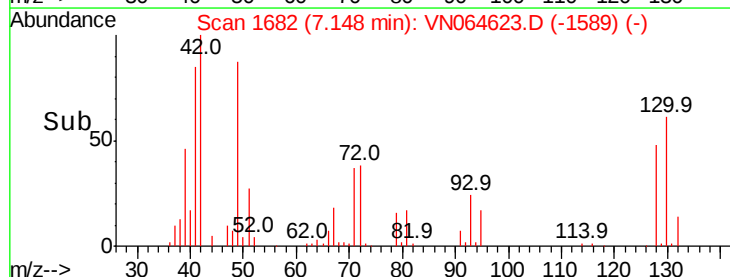


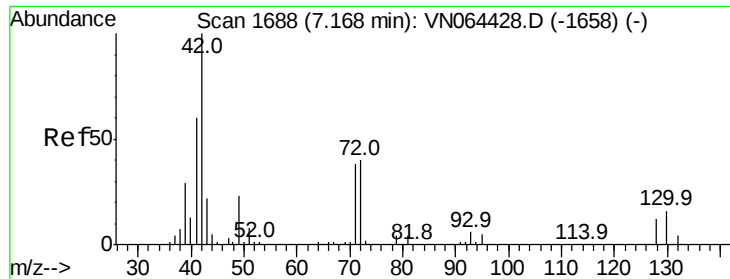
Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

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

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

Time-->

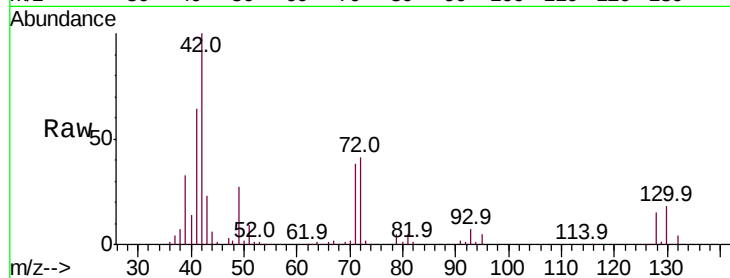




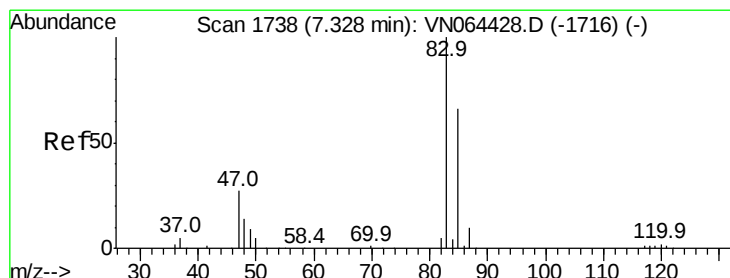
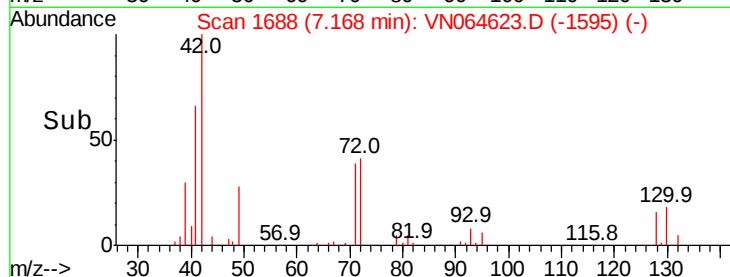
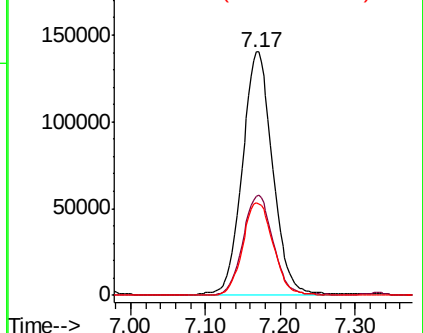
#29
Tetrahydrofuran
Concen: 246.274 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 394579
Ion Ratio Lower Upper
42 100
72 41.1 31.7 47.5
71 38.5 29.8 44.6

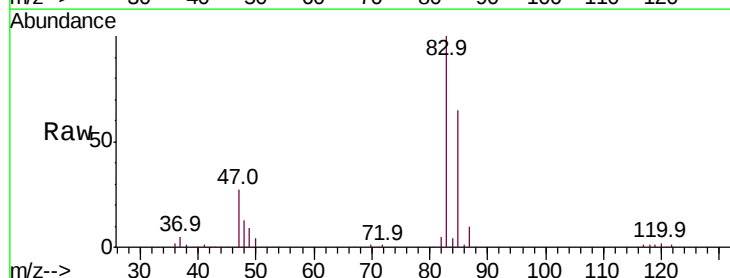


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

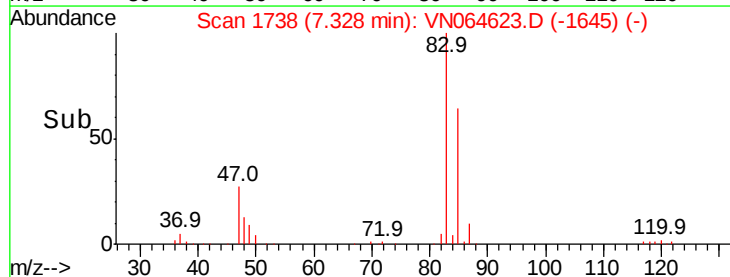
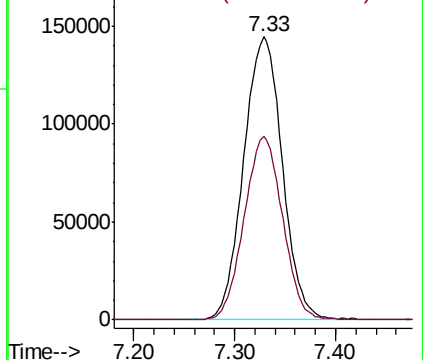


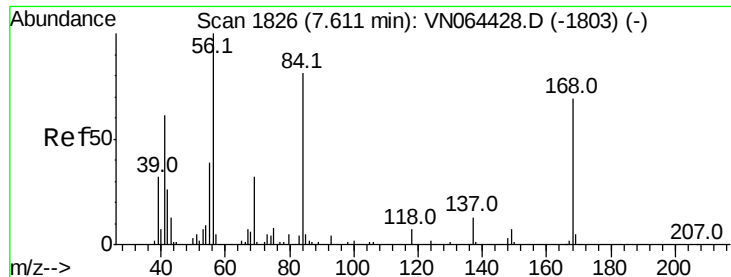
#30
Chloroform
Concen: 48.570 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 83 Resp: 384867
Ion Ratio Lower Upper
83 100
85 64.6 52.5 78.7



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

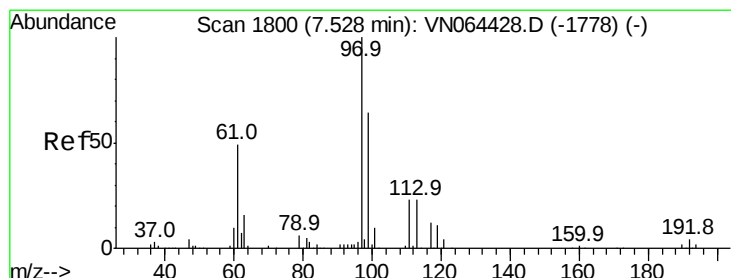
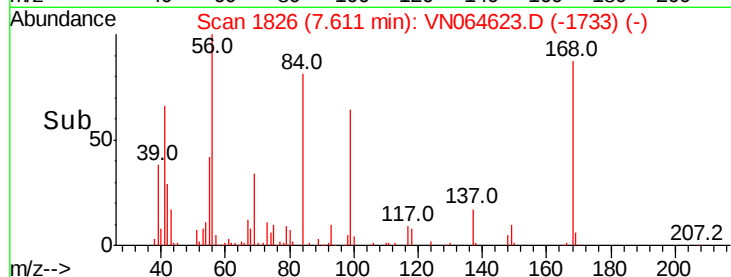
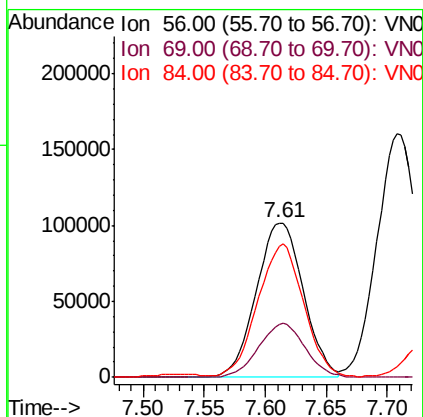
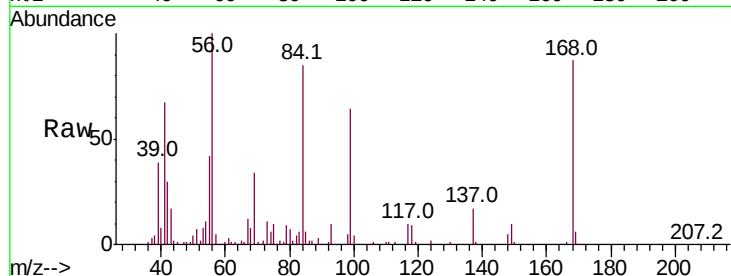




#31
Cyclohexane
Concen: 41.717 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

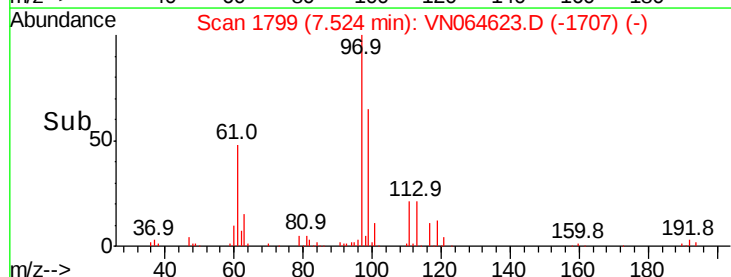
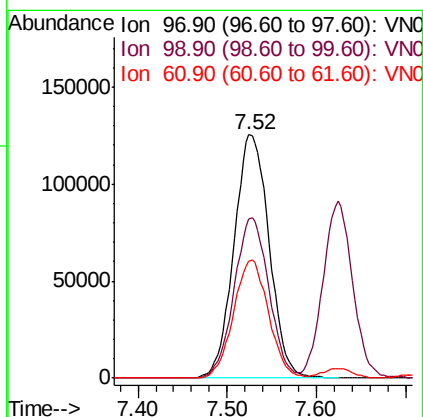
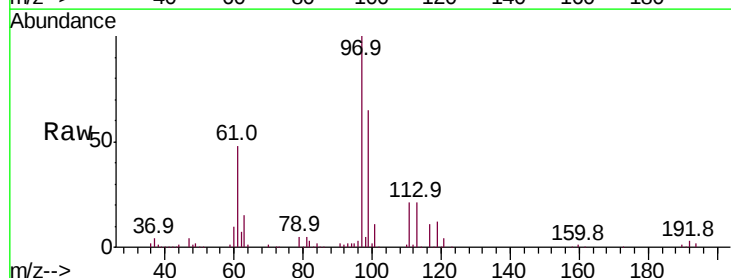
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

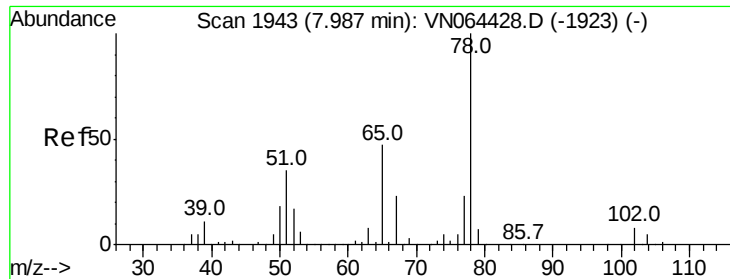
Tot Ion: 56 Resp: 272862
Ion Ratio Lower Upper
56 100
69 34.3 25.6 38.4
84 83.2 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 48.649 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 97 Resp: 341915
Ion Ratio Lower Upper
97 100
99 65.2 51.3 76.9
61 48.4 39.1 58.7

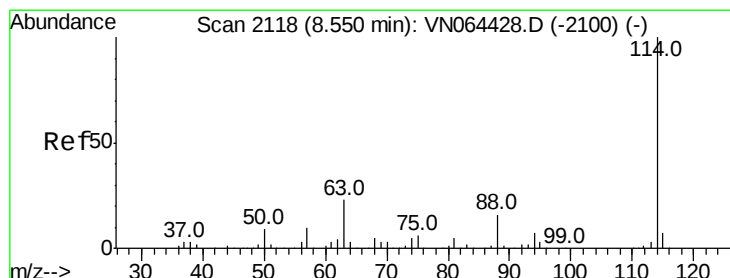
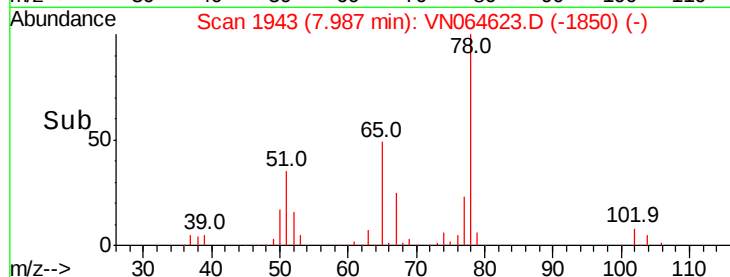
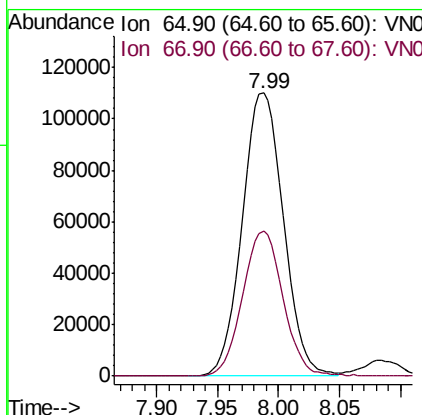
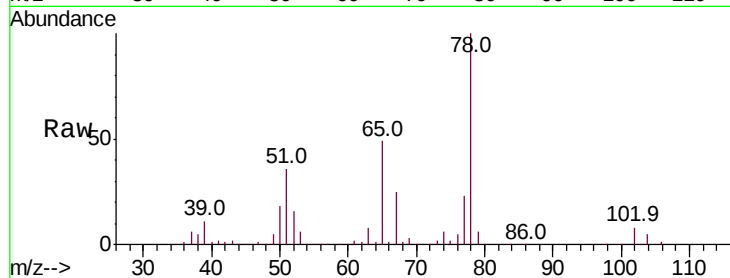




#33
 1,2-Dichloroethane-d4
 Concen: 47.817 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

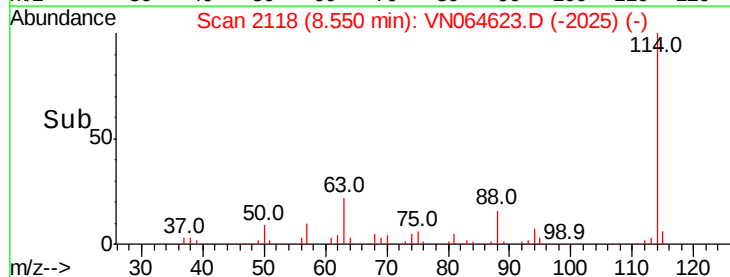
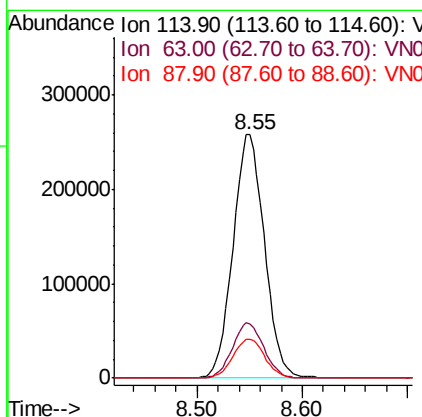
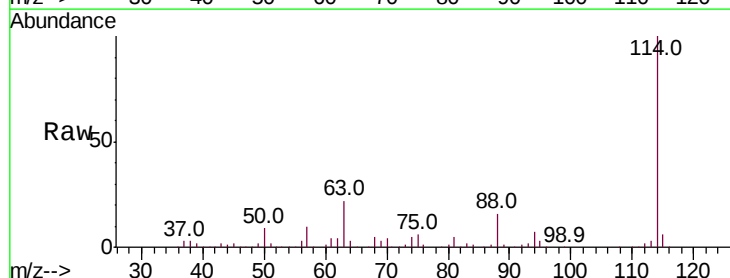
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

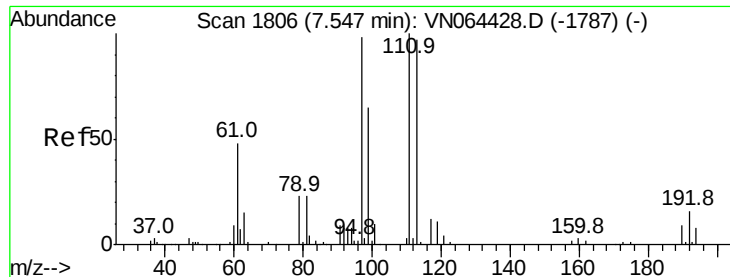
Tot Ion: 65 Resp: 257284
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 114 Resp: 532682
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.2 0.0 32.8

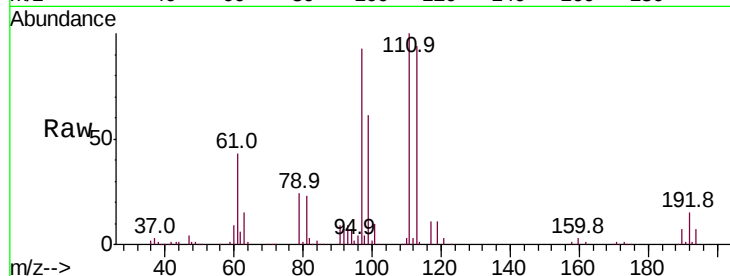




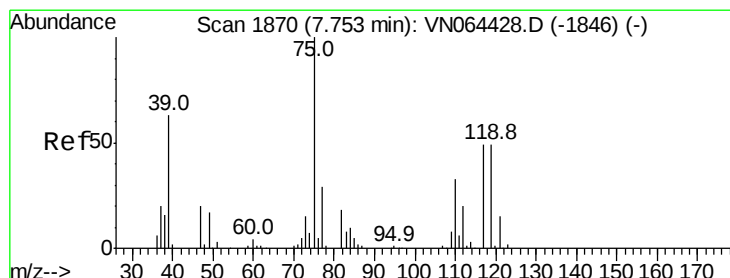
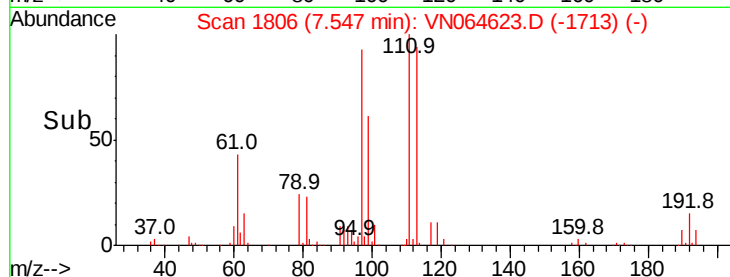
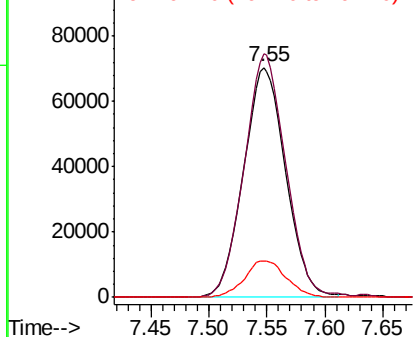
#35
 Dibromofluoromethane
 Concen: 49.011 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 177755
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.1 121.7
 192 15.9 12.8 19.2

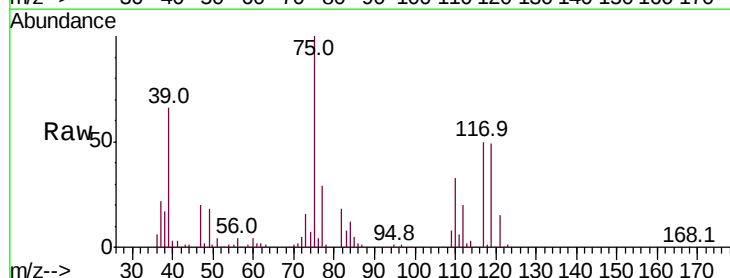


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

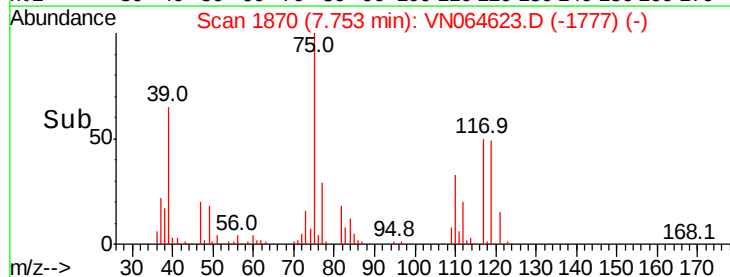
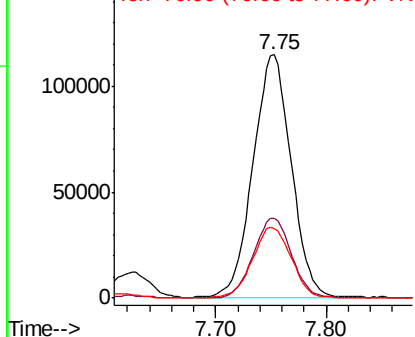


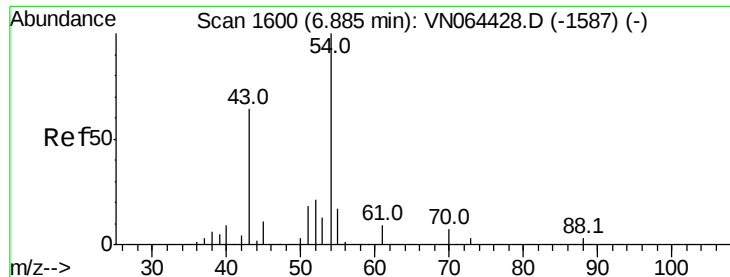
#36
 1,1-Dichloropropene
 Concen: 48.703 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 75 Resp: 274074
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.0 48.0
 77 30.0 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 46.395 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.00 min

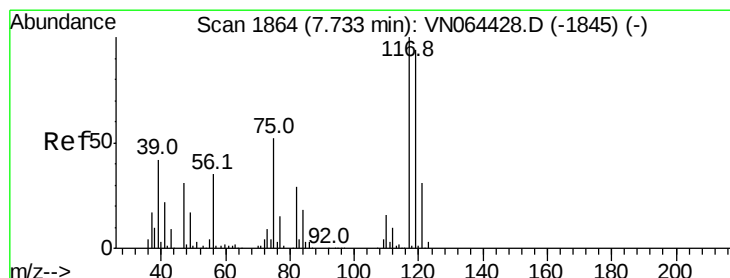
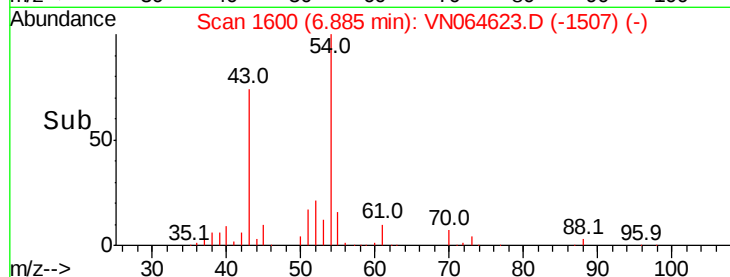
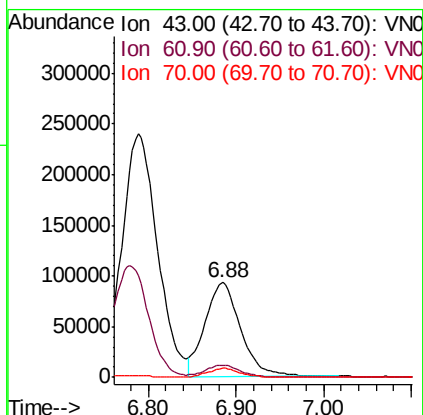
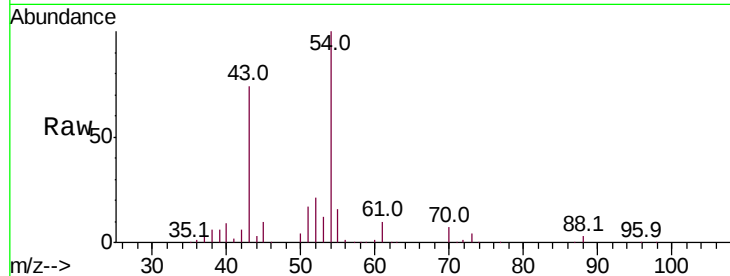
Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 264667

Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.0	15.0
70	8.7	7.1	10.7



#38

Carbon Tetrachloride

Concen: 50.577 ug/l

RT: 7.73 min Scan# 1863

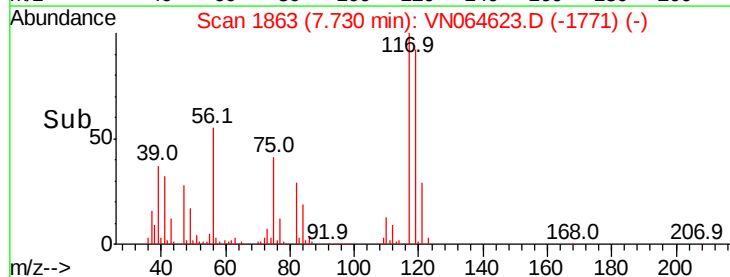
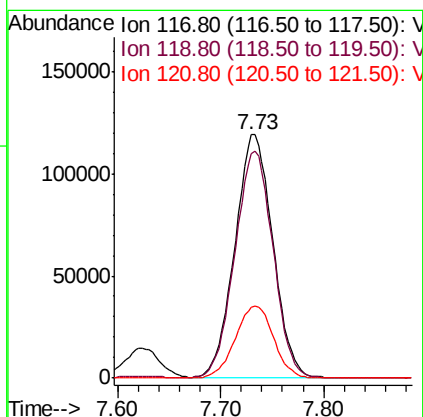
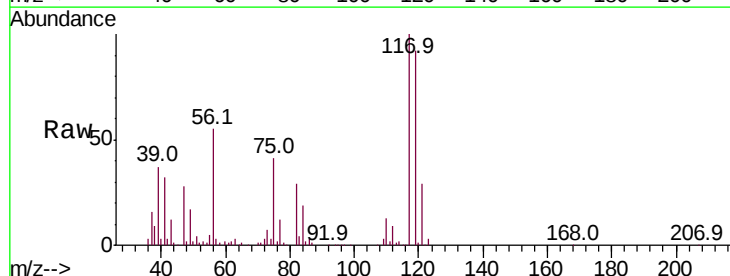
Delta R.T. -0.00 min

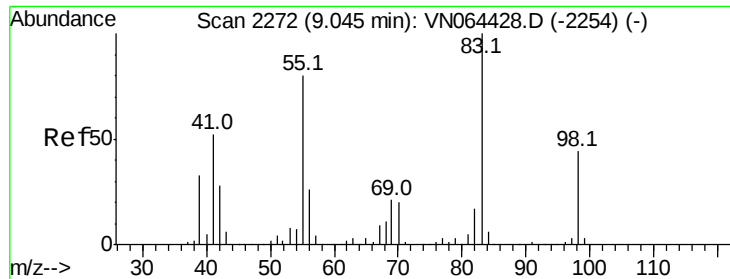
Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion: 117 Resp: 304185

Ion	Ratio	Lower	Upper
117	100		
119	92.0	75.5	113.3
121	29.0	24.4	36.6

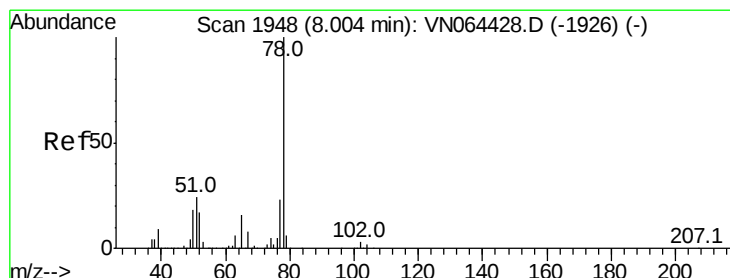
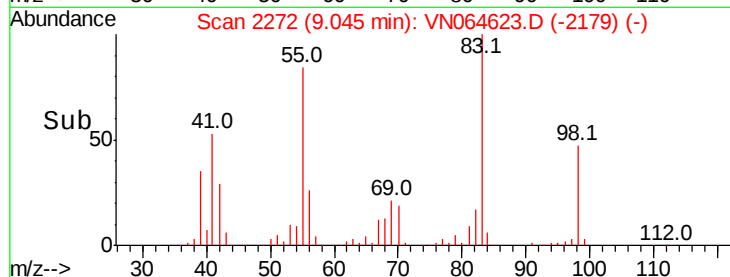
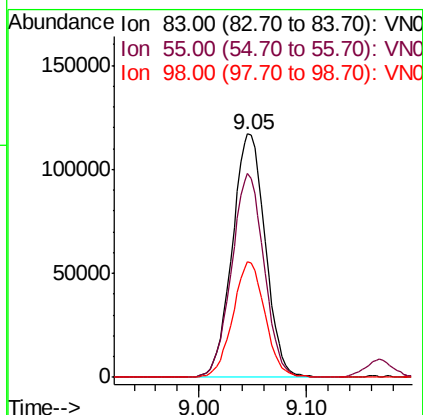
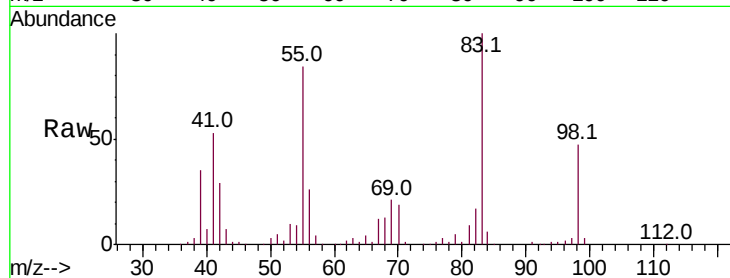




#39
Methvlcvclohexane
Concen: 49.458 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

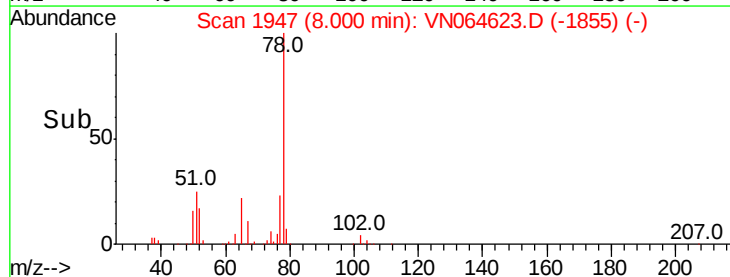
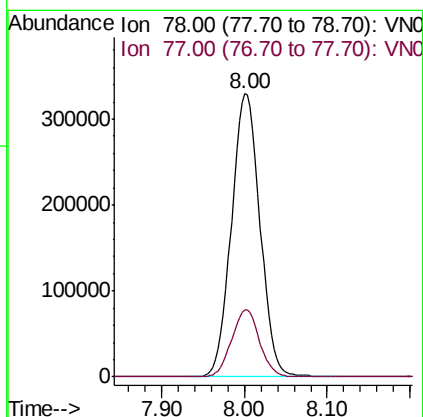
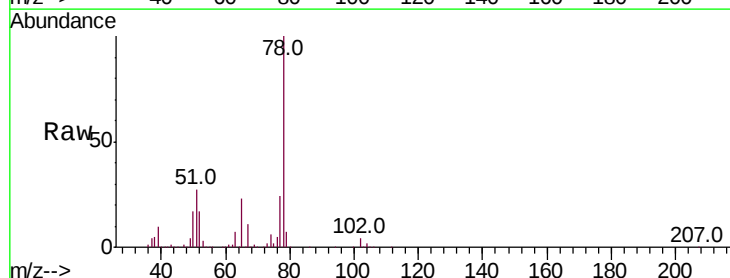
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

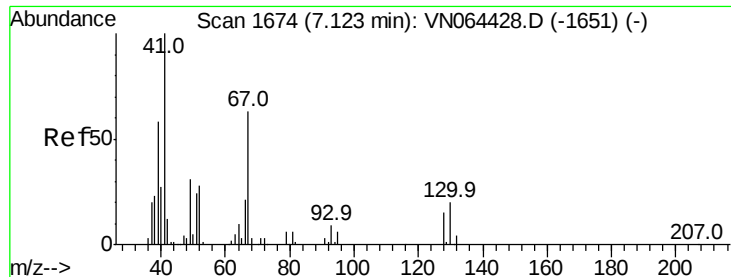
Tot Ion: 83 Resp: 249497
Ion Ratio Lower Upper
83 100
55 83.7 63.8 95.6
98 47.3 35.4 53.2



#40
Benzene
Concen: 47.800 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 78 Resp: 790426
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

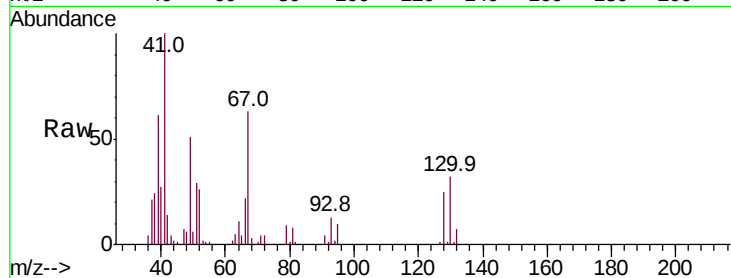




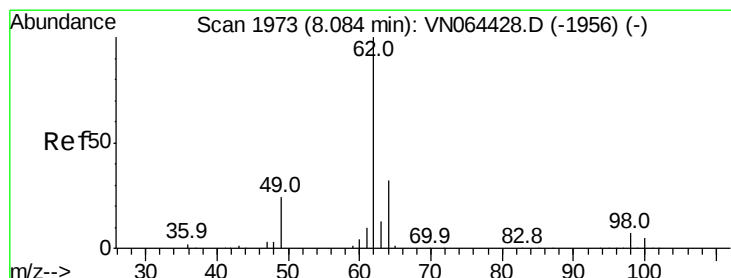
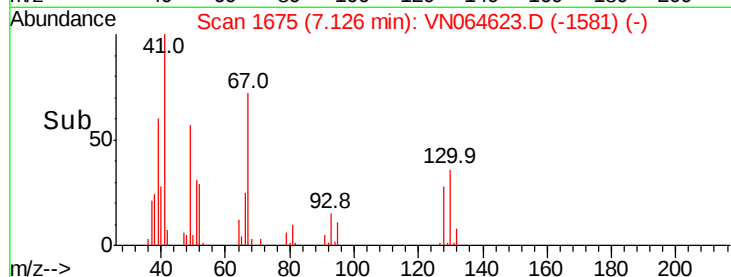
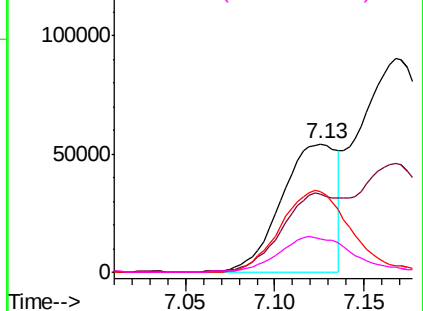
#41
Methacrylonitrile
Concen: 47.145 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	117623
Ion	Ratio	Lower	Upper
41	100		
39	59.7	50.0	75.0
67	80.5	68.3	102.5
52	36.4	32.7	49.1

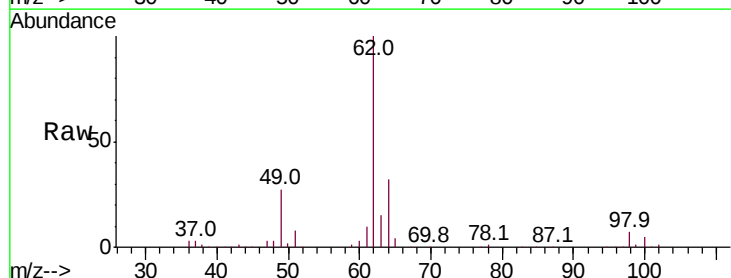


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

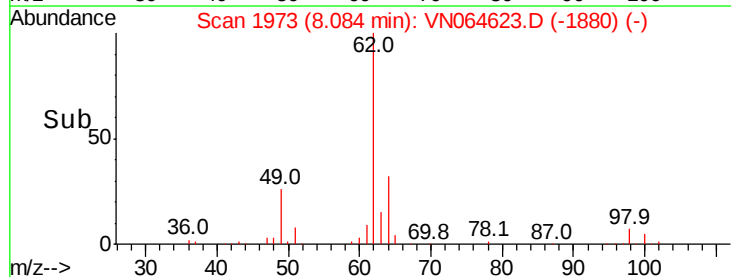
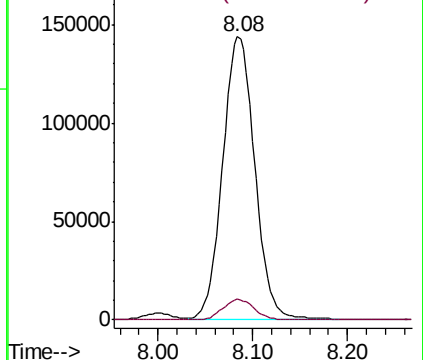


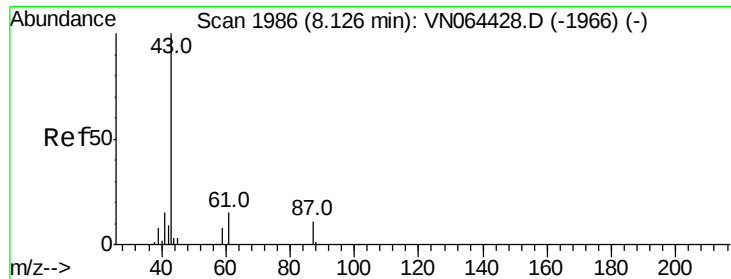
#42
1,2-Dichloroethane
Concen: 50.602 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion:	62	Resp:	337681
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	14.0



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





#43

Isopropyl Acetate

Concen: 48.864 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

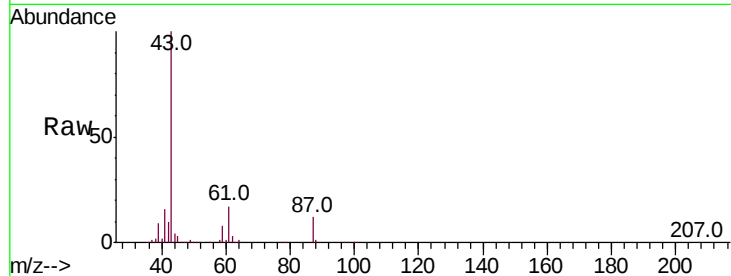
Tot Ion: 43 Resp: 445626

Ion Ratio Lower Upper

43 100

61 17.4 14.0 21.0

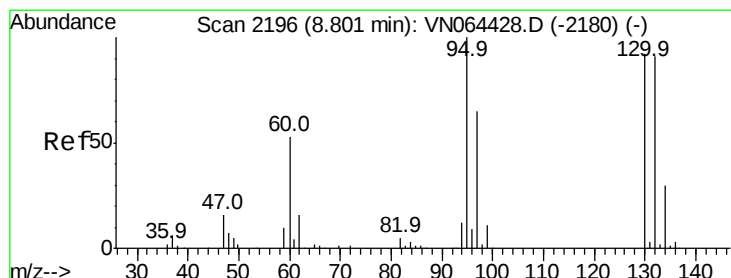
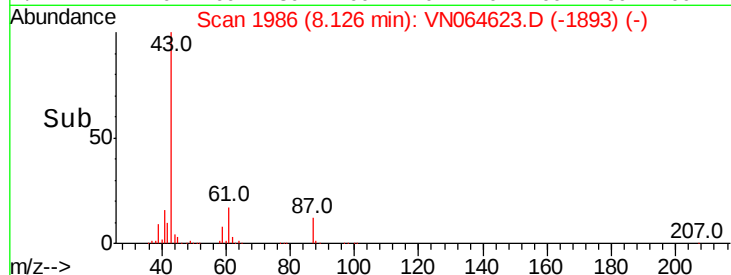
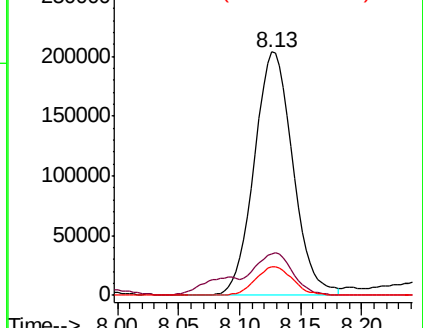
87 11.5 9.1 13.7



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

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

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



#44

Trichloroethene

Concen: 48.226 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064623.D

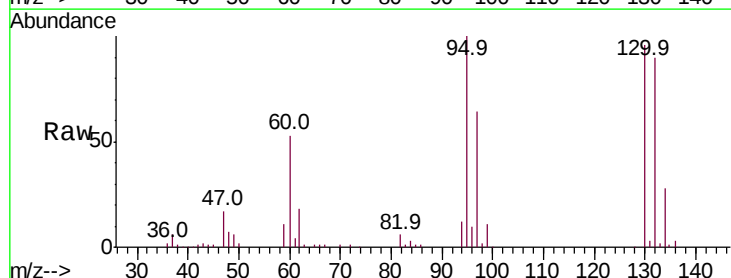
Acq: 13 Nov 2020 11:04

Tgt Ion:130 Resp: 201201

Ion Ratio Lower Upper

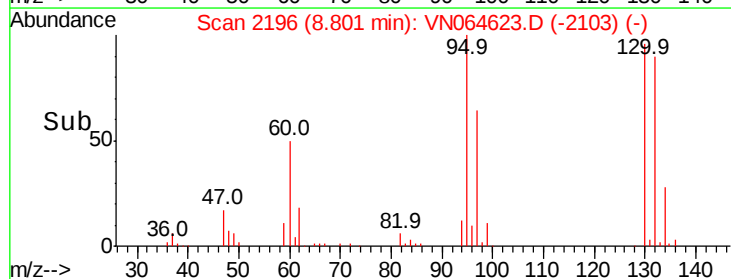
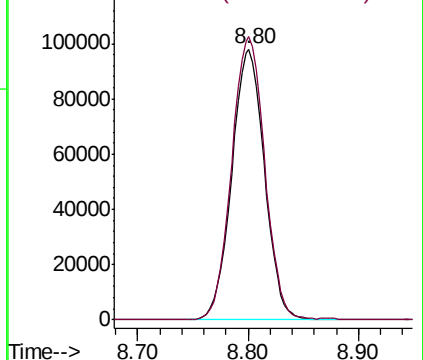
130 100

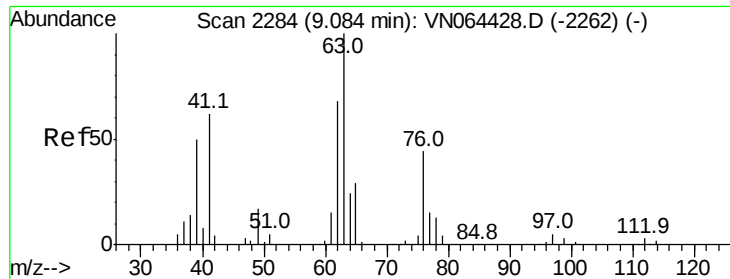
95 104.5 0.0 216.8



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

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

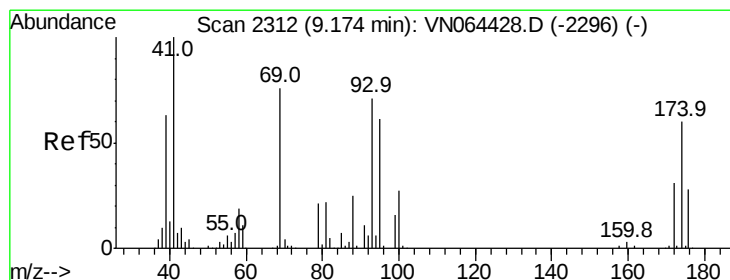
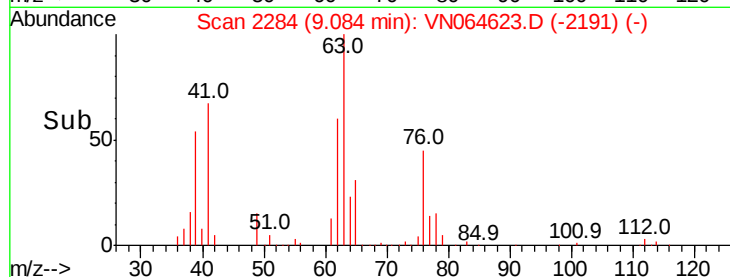
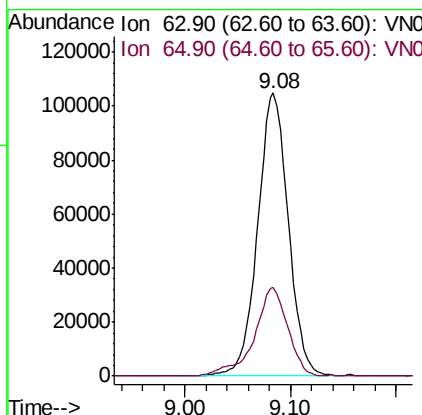
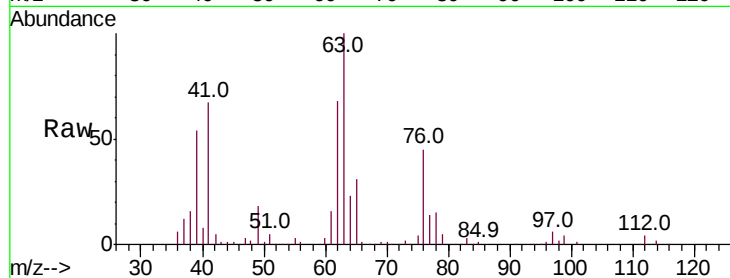




#45
 1,2-Dichloropropane
 Concen: 48.166 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

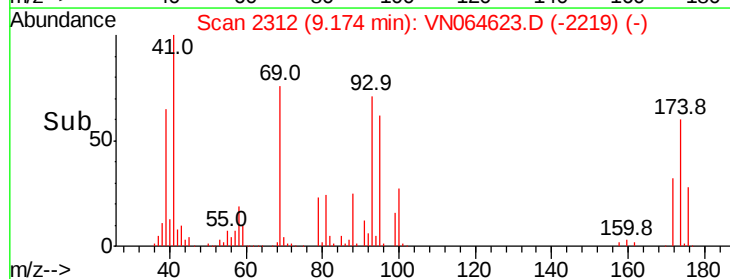
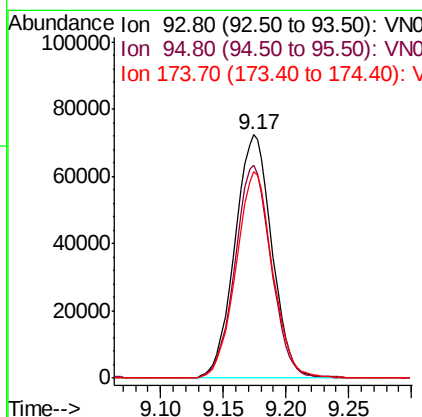
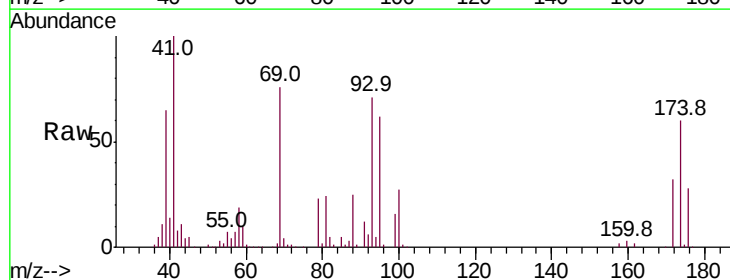
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

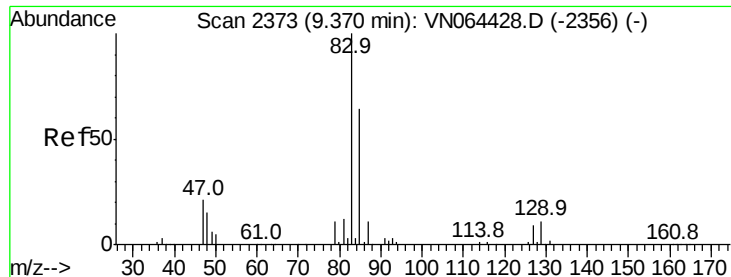
Tot Ion: 63 Resp: 212520
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.6 35.4



#46
 Dibromomethane
 Concen: 51.255 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 93 Resp: 148873
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.4 99.6
 174 83.5 67.2 100.8





#47

Bromodichloromethane

Concen: 51.796 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

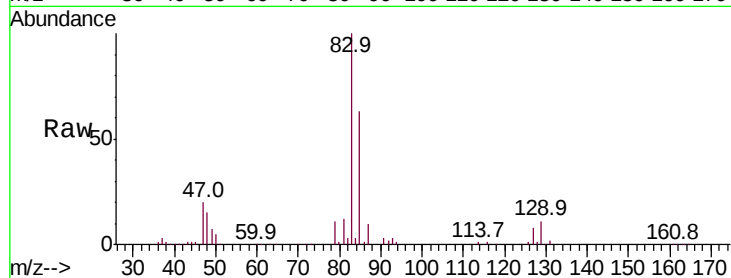
Tot Ion: 83 Resp: 323485

Ion Ratio Lower Upper

83 100

85 62.9 51.2 76.8

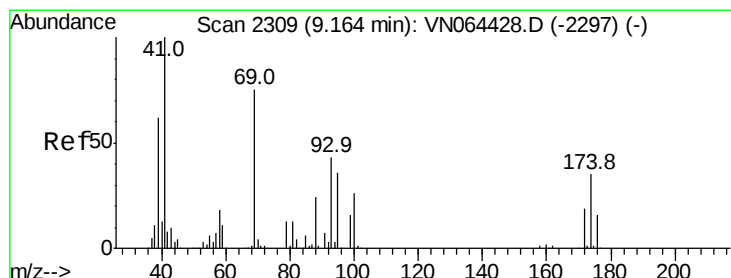
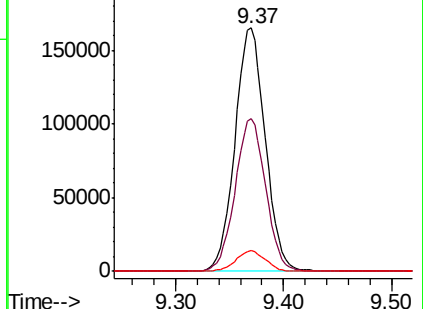
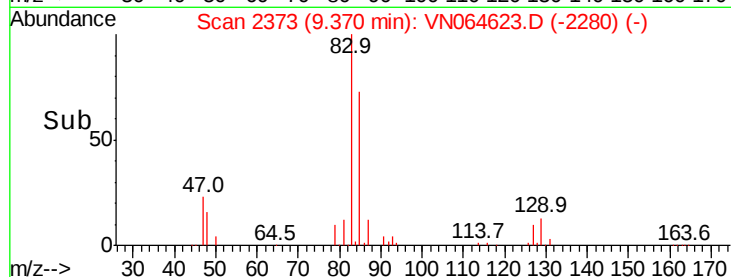
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)



#48

Methyl methacrylate

Concen: 50.022 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

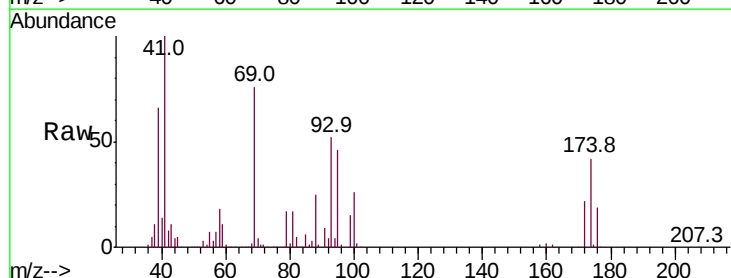
Tgt Ion: 41 Resp: 230195

Ion Ratio Lower Upper

41 100

69 75.0 60.4 90.6

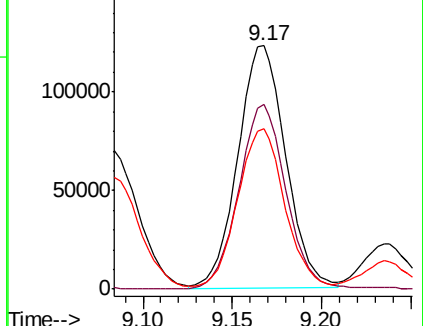
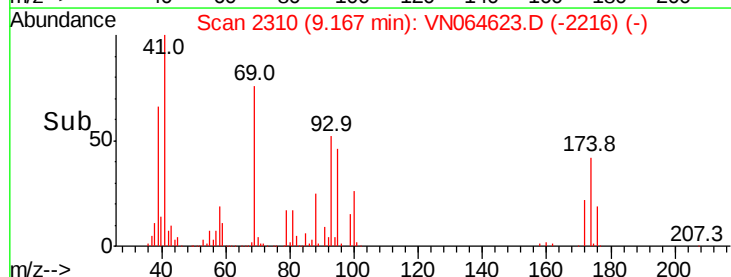
39 65.1 51.2 76.8

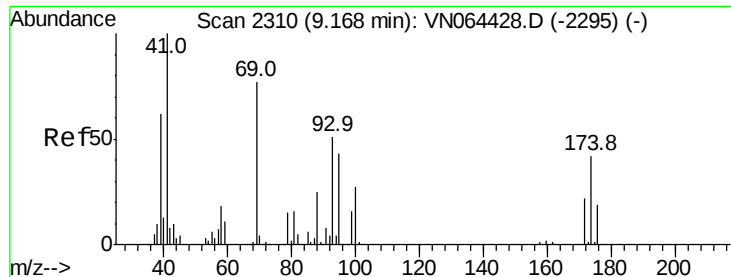


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

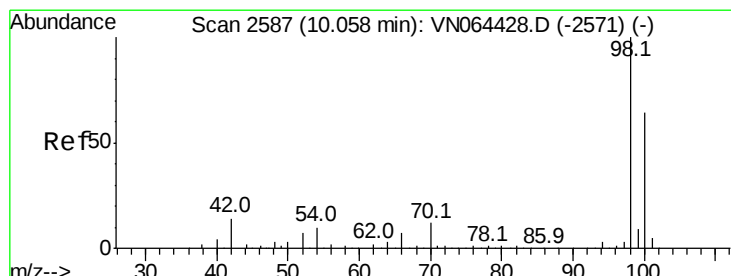
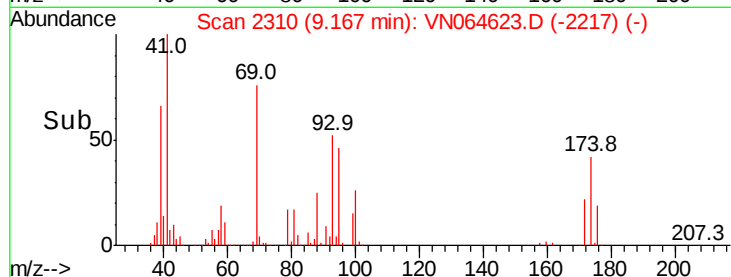
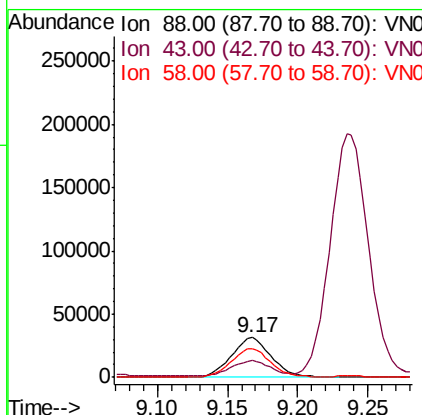
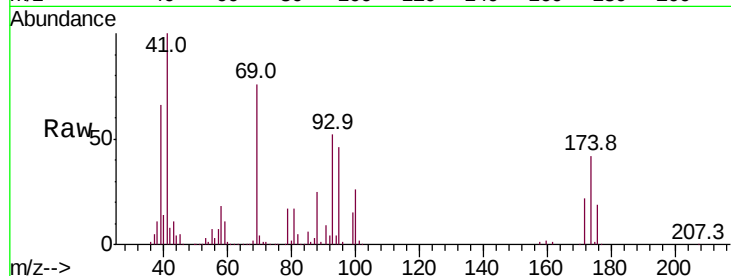




#49
1,4-Dioxane
Concen: 1020.779 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

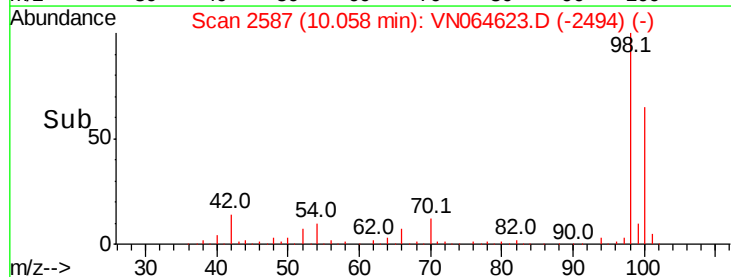
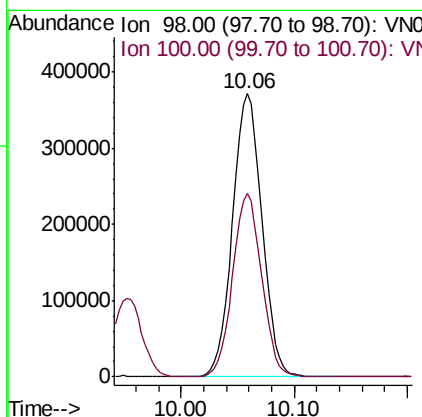
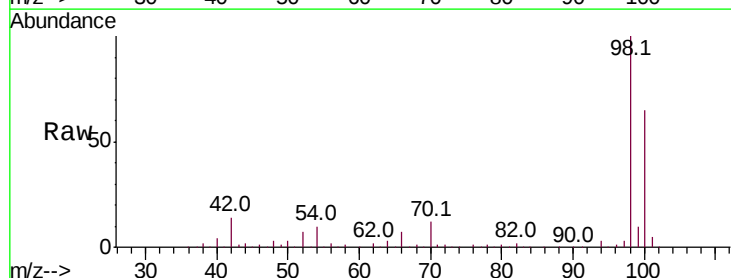
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

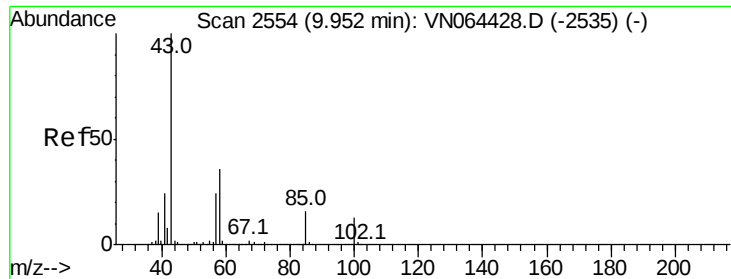
Tot Ion: 88 Resp: 61872
Ion Ratio Lower Upper
88 100
43 38.9 31.0 46.6
58 73.0 58.4 87.6



#50
Toluene-d8
Concen: 48.149 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 98 Resp: 674943
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 266.581 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

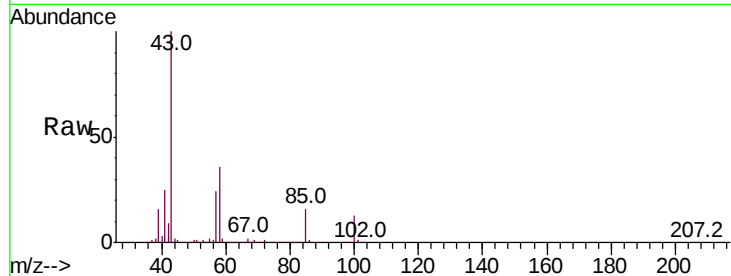
VSTDCCC050

Tot Ion: 43 Resp: 1417768

Ion Ratio Lower Upper

43 100

58 35.8 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

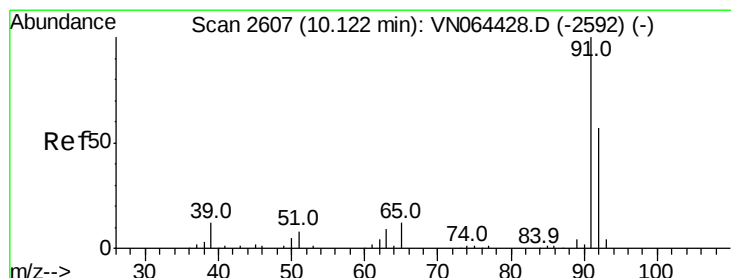
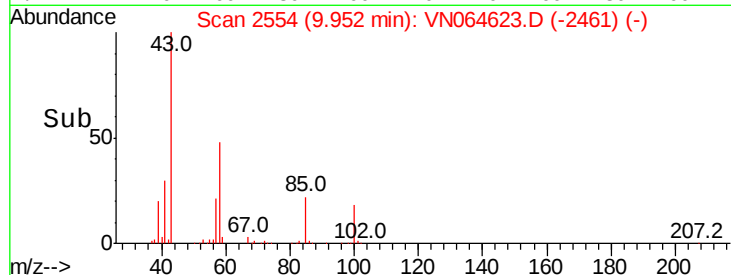
400000

200000

0

9.95

Time-->



#52

Toluene

Concen: 49.940 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064623.D

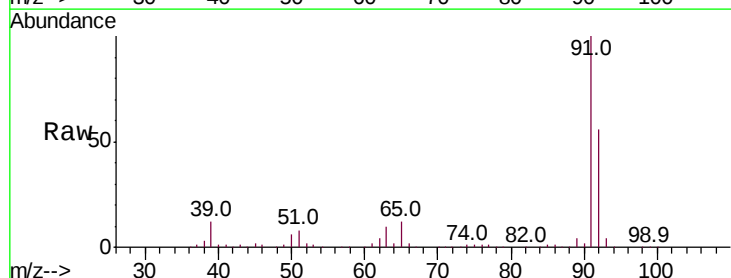
Acq: 13 Nov 2020 11:04

Tgt Ion: 92 Resp: 503684

Ion Ratio Lower Upper

92 100

91 176.3 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

300000

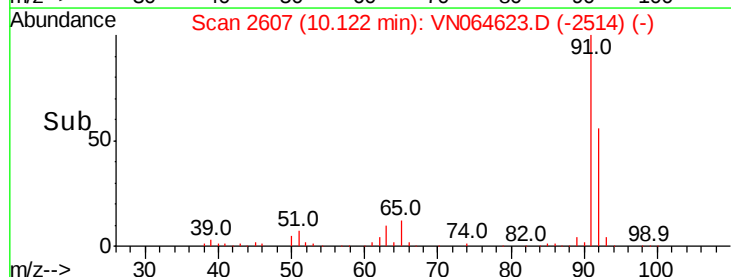
200000

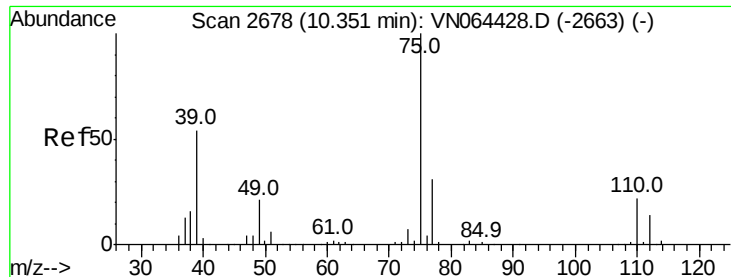
100000

0

10.12

Time-->

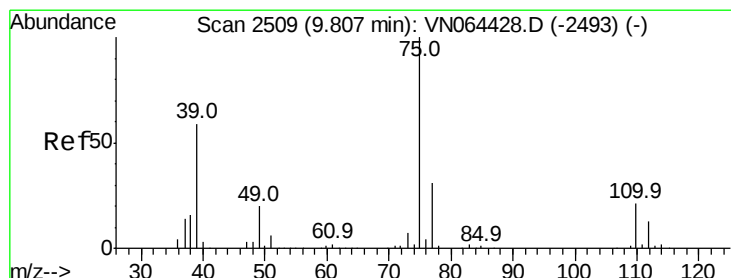
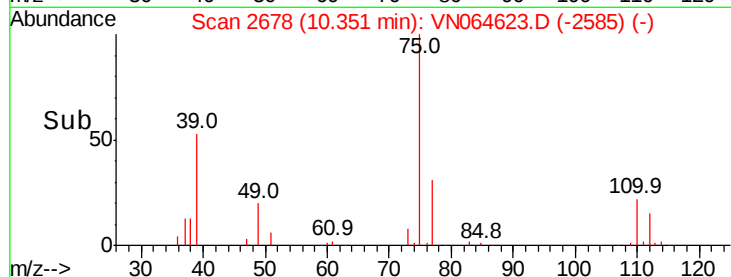
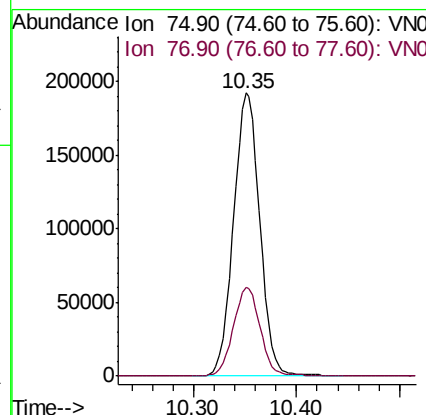
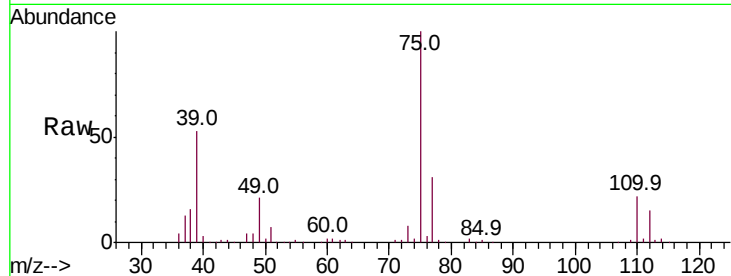




#53
t-1,3-Dichloropropene
Concen: 51.504 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

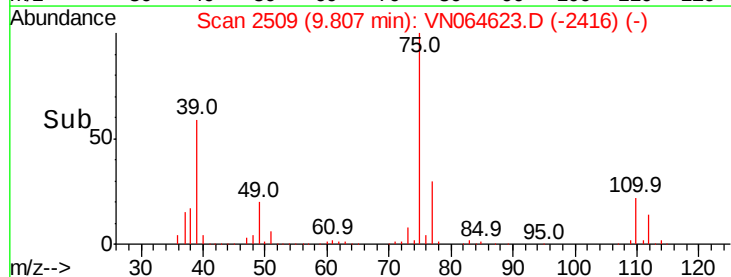
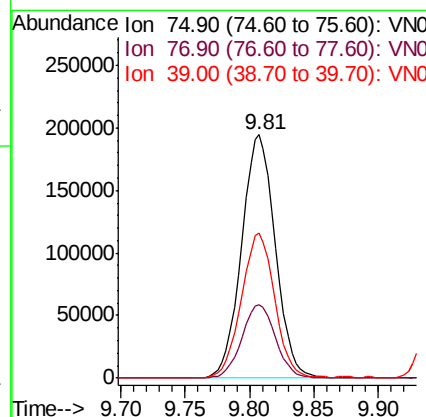
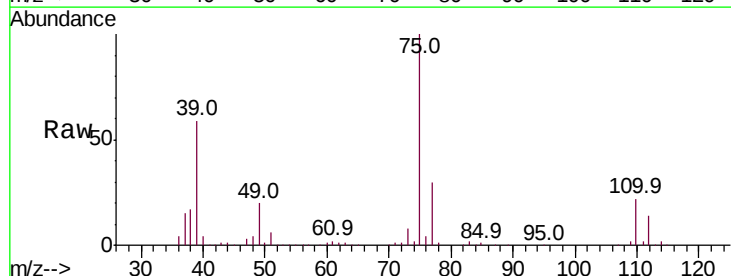
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

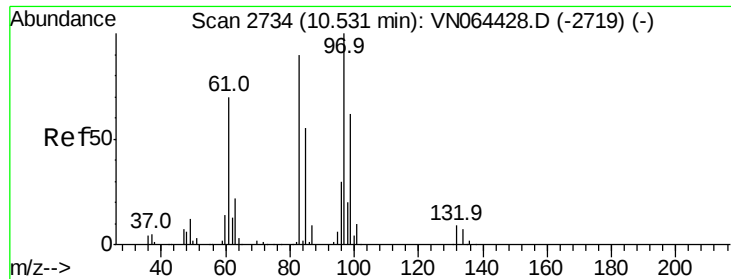
Tot Ion: 75 Resp: 341012
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 49.960 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 75 Resp: 353677
Ion Ratio Lower Upper
75 100
77 30.4 24.9 37.3
39 59.3 47.1 70.7

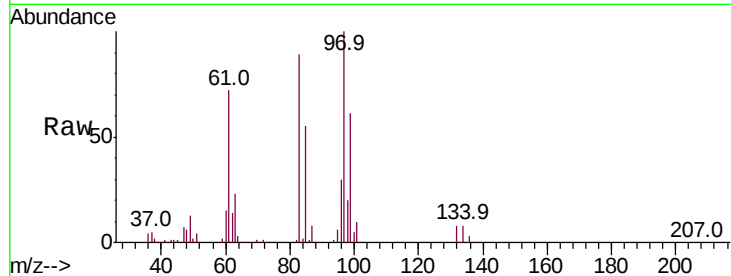




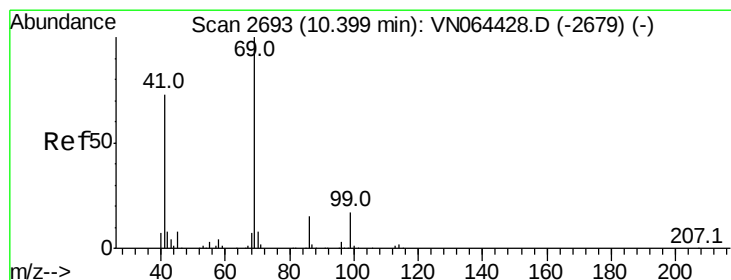
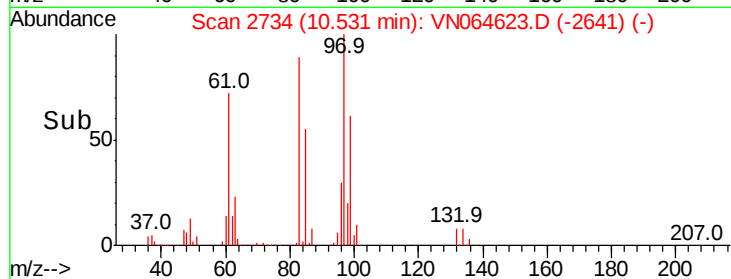
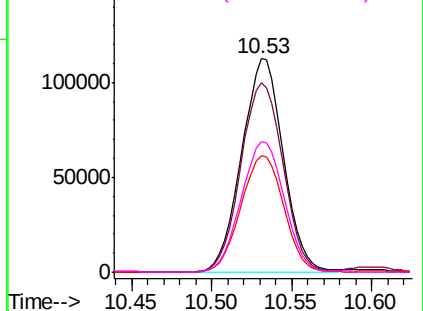
#55
 1,1,2-Trichloroethane
 Concen: 51.144 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	201169
Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.7	107.5
85	54.8	44.3	66.5
99	61.3	49.4	74.2

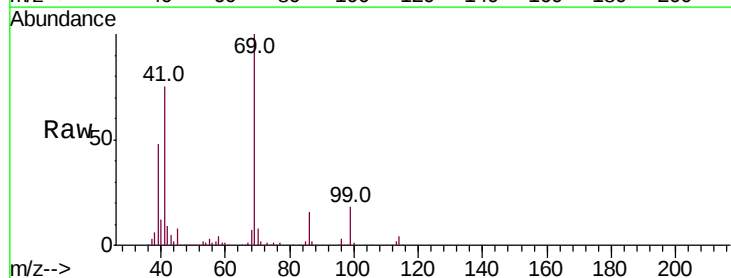


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

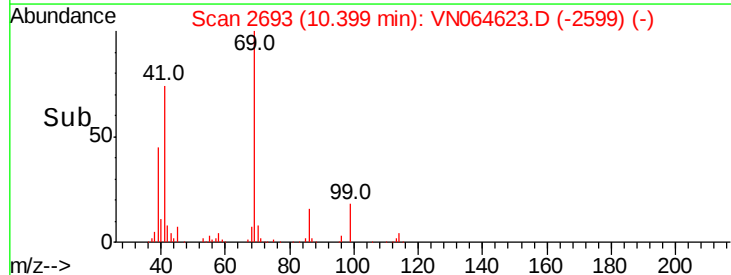
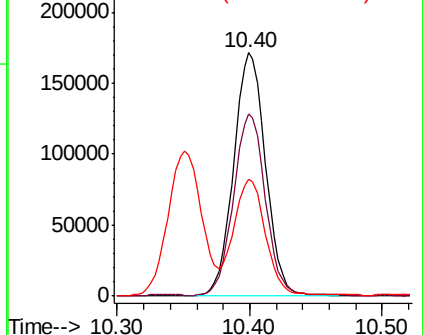


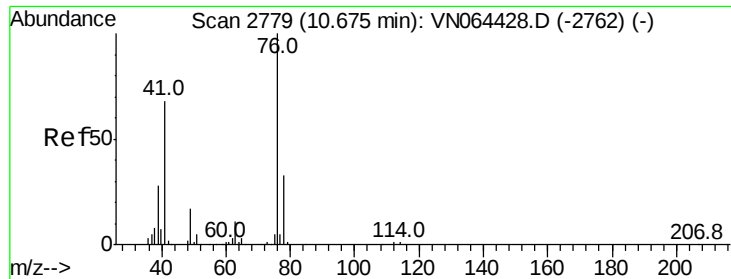
#56
 Ethyl methacrylate
 Concen: 44.499 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion:	69	Resp:	286616
Ion	Ratio	Lower	Upper
69	100		
41	74.2	59.3	88.9
39	48.1	35.4	53.0



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

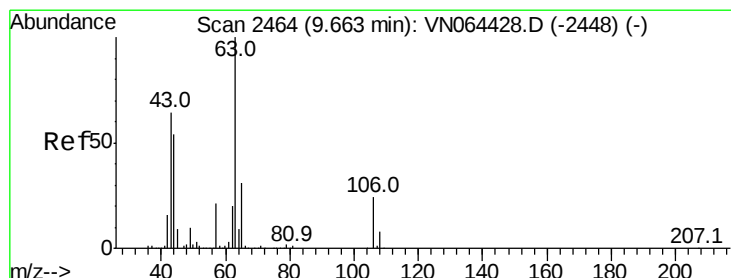
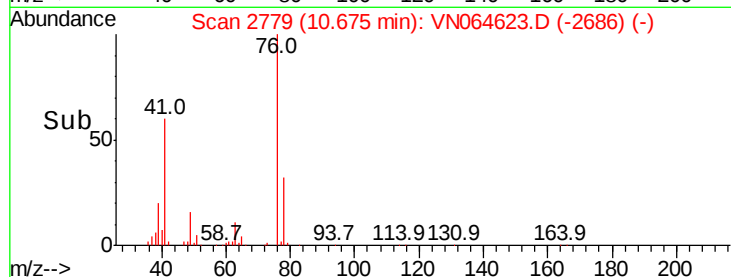
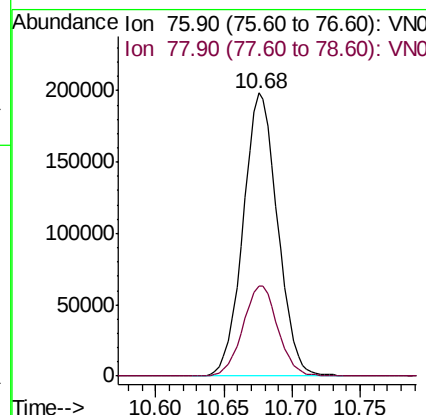
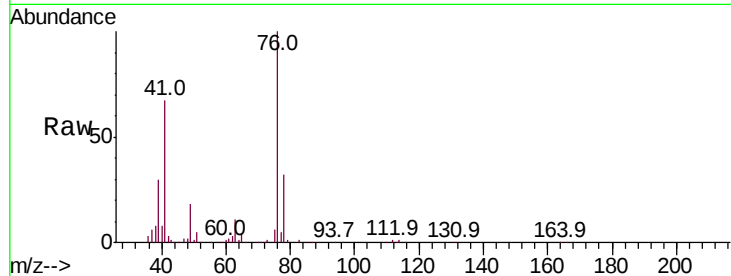




#57
 1,3-Dichloropropane
 Concen: 50.603 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

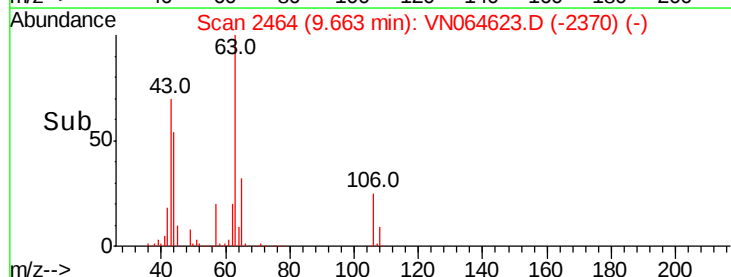
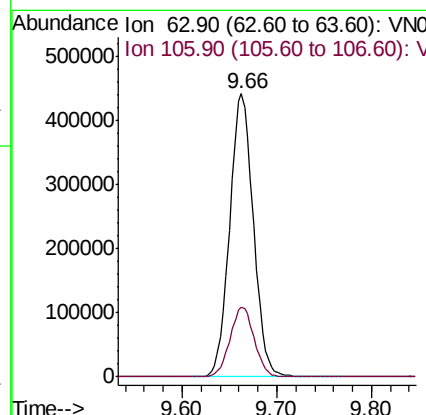
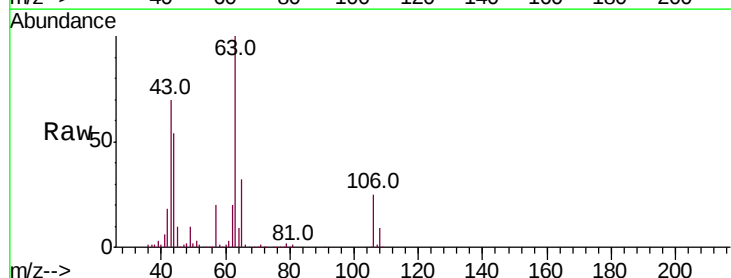
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

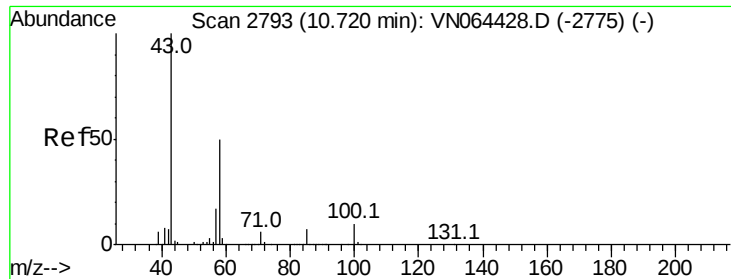
Tot Ion: 76 Resp: 347419
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.897 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 63 Resp: 767483
 Ion Ratio Lower Upper
 63 100
 106 25.3 19.5 29.3

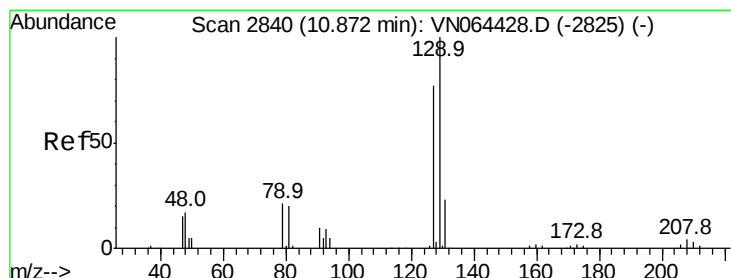
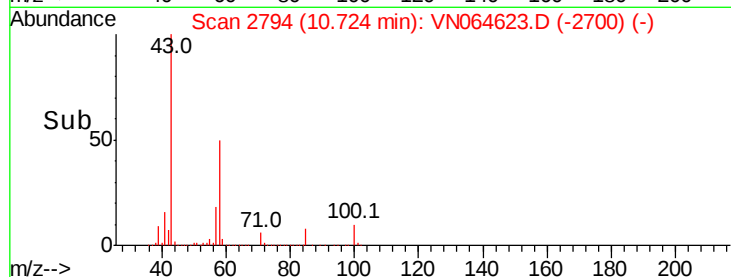
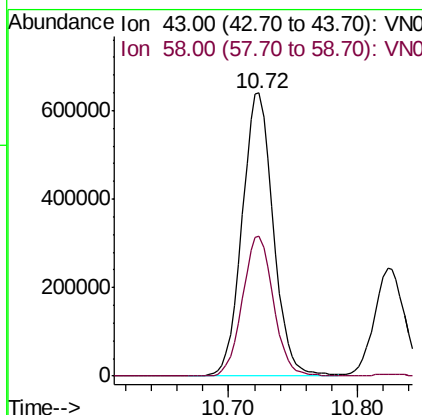
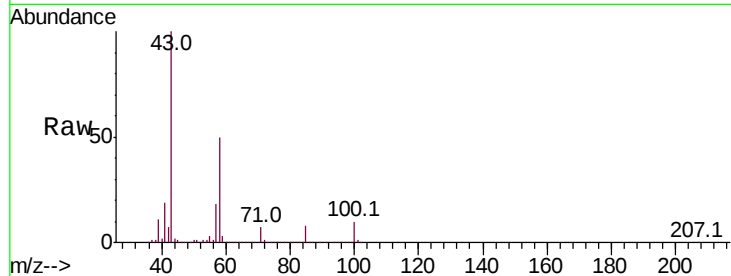




#59
2-Hexanone
Concen: 247.130 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

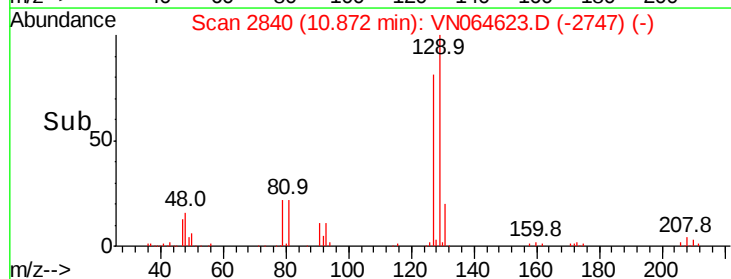
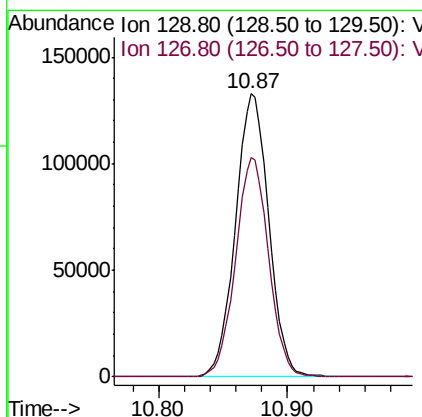
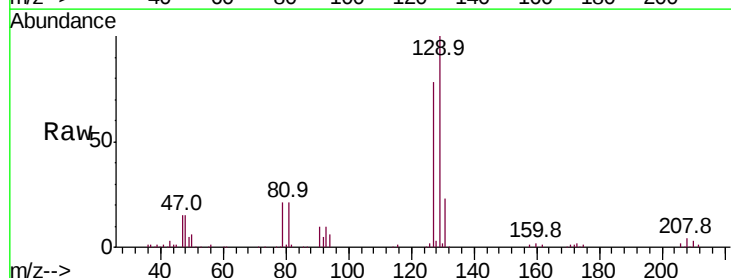
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

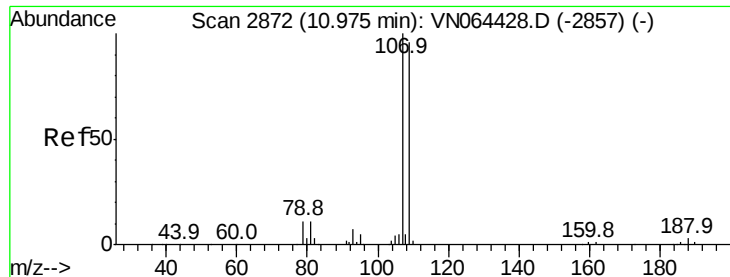
Tot Ion: 43 Resp: 1071550
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 54.168 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 129 Resp: 238548
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7

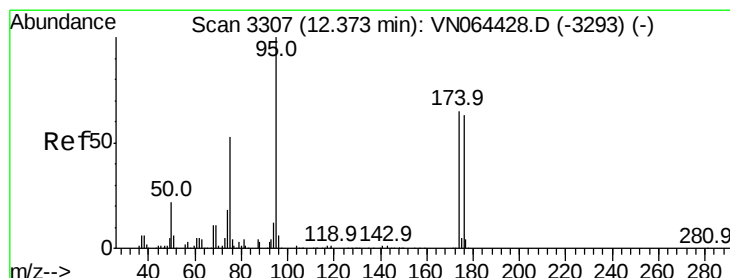
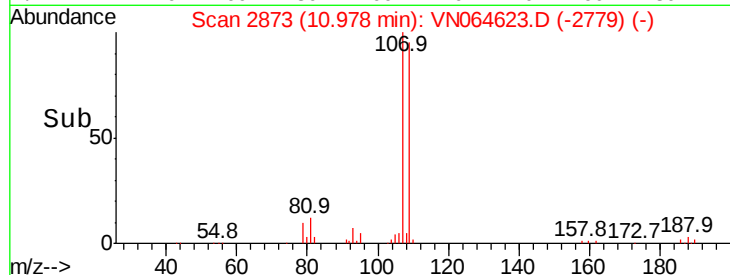
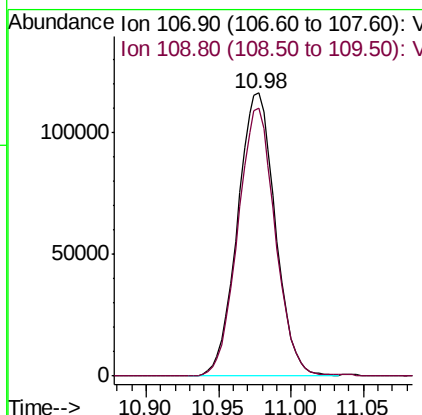
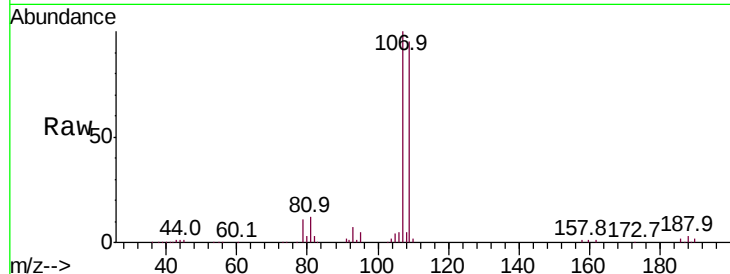




#61
 1,2-Dibromoethane
 Concen: 52.973 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

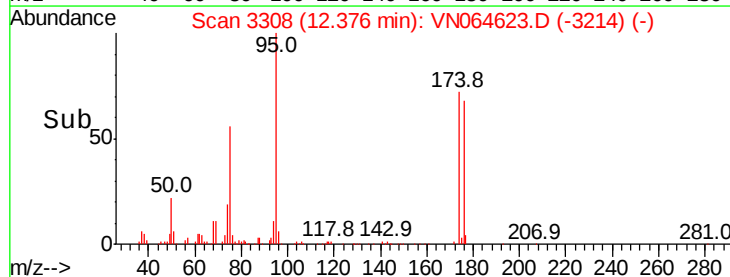
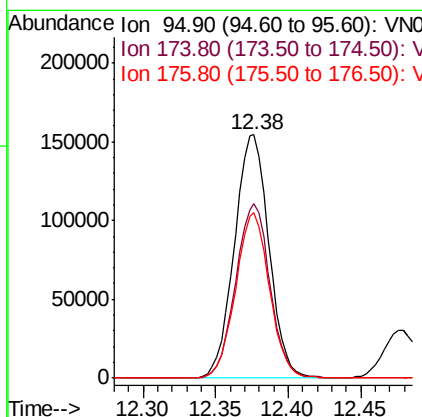
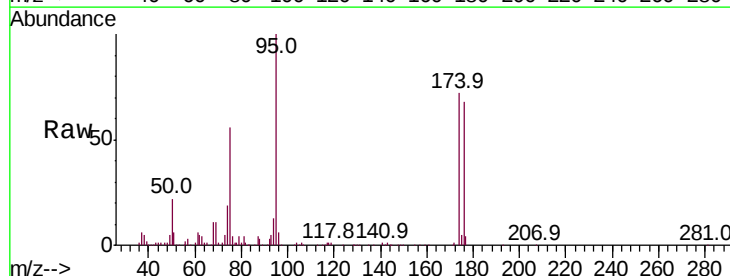
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

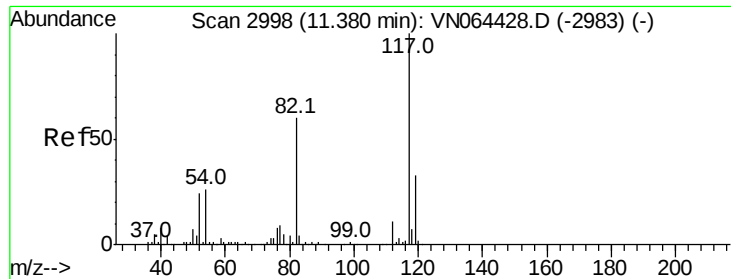
Tot Ion: 107 Resp: 211347
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.212 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 95 Resp: 255588
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 132.6
 176 66.8 0.0 129.2

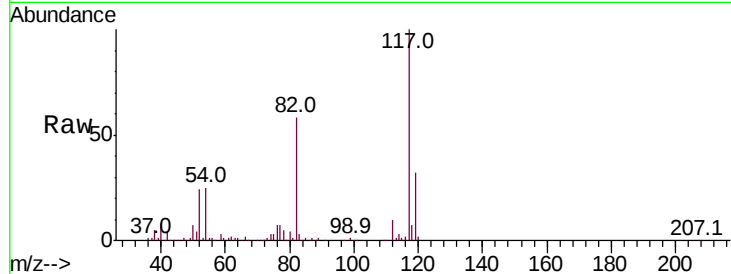




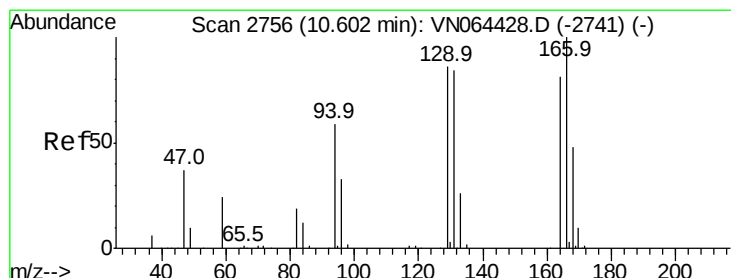
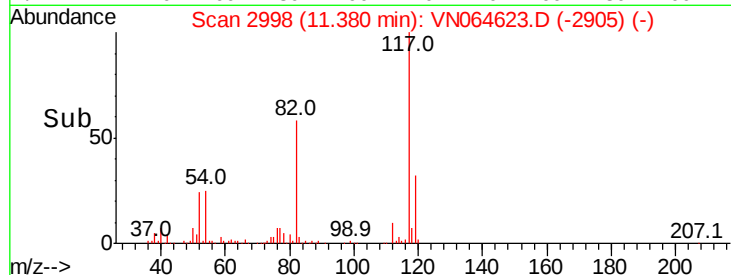
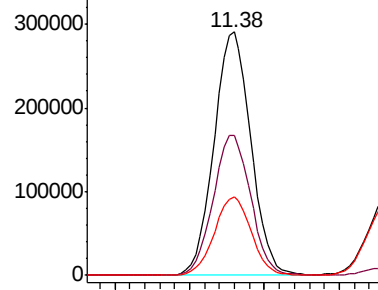
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 498888
Ion Ratio Lower Upper
117 100
82 57.5 48.1 72.1
119 32.1 26.2 39.4

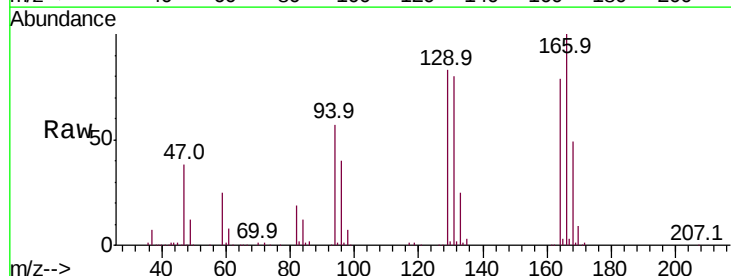


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

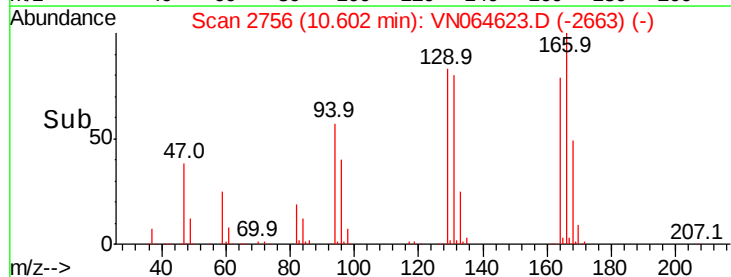
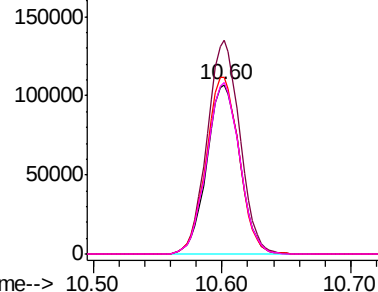


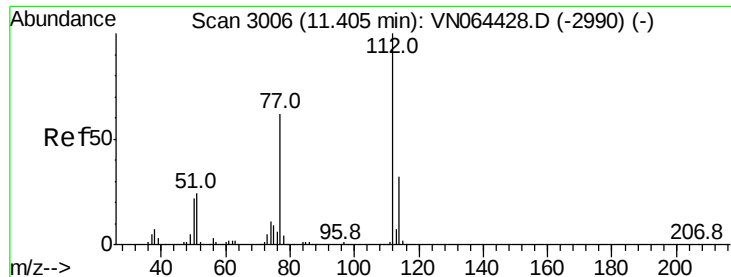
#64
Tetrachloroethene
Concen: 49.592 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion:164 Resp: 190577
Ion Ratio Lower Upper
164 100
166 126.1 98.2 147.2
129 104.4 84.6 127.0
131 101.4 82.2 123.2



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





#65

Chlorobenzene

Concen: 49.404 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

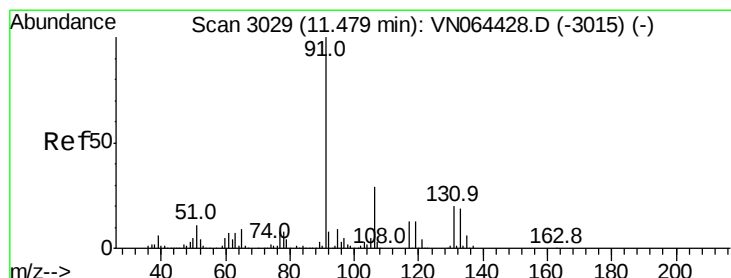
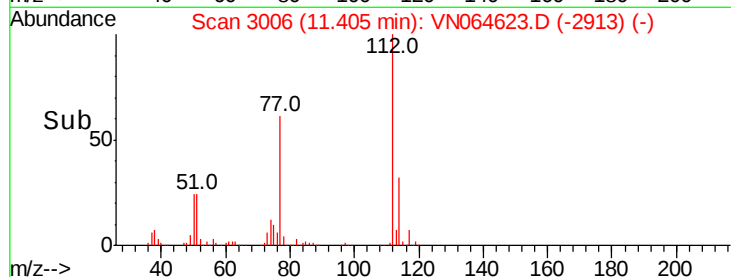
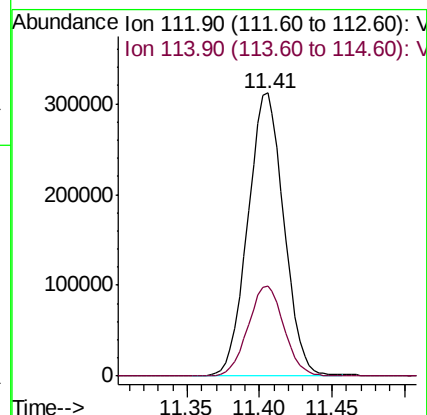
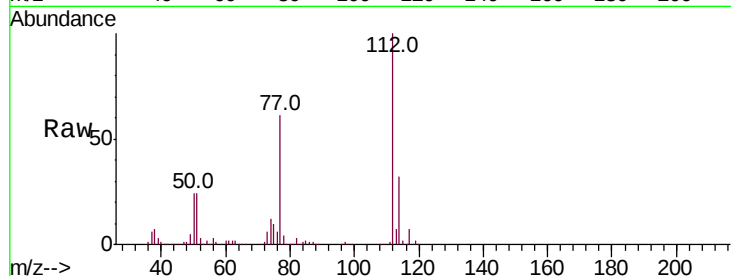
VSTDCCC050

Tot Ion:112 Resp: 540315

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 53.420 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

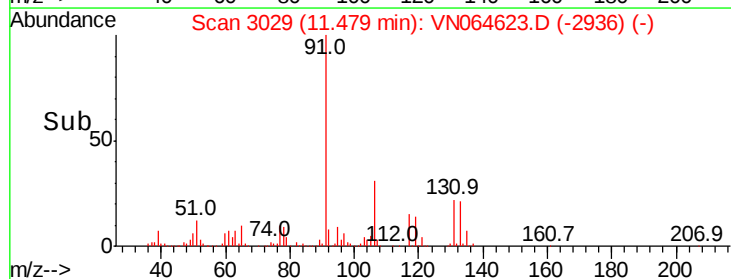
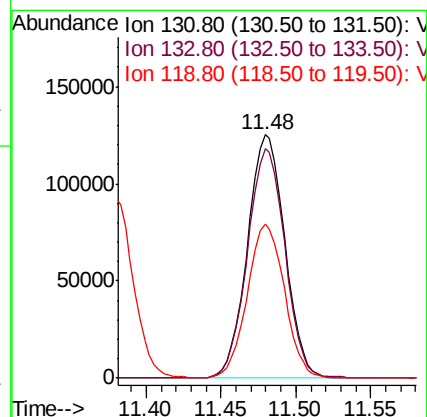
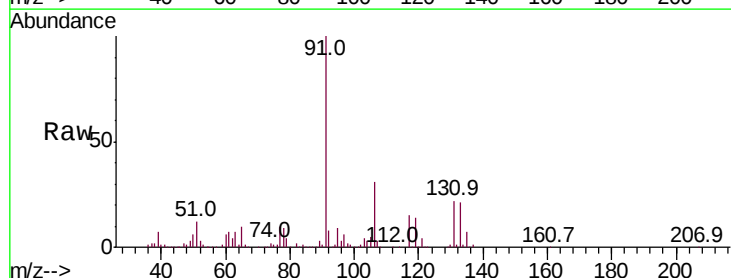
Tgt Ion:131 Resp: 217957

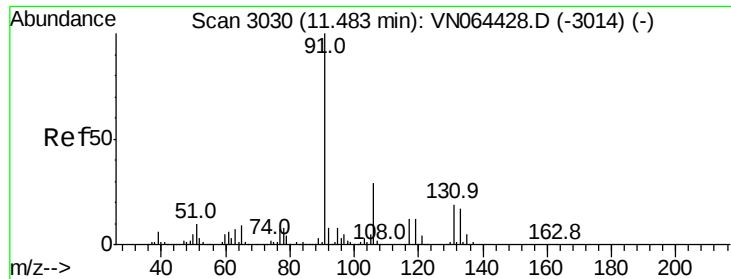
Ion Ratio Lower Upper

131 100

133 94.9 46.9 140.7

119 63.2 32.1 96.5

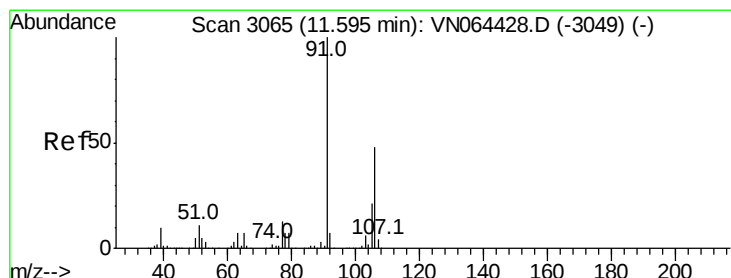
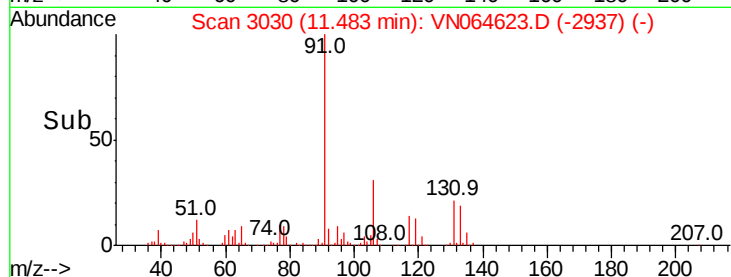
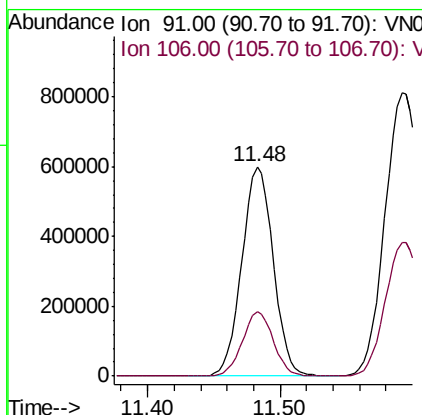
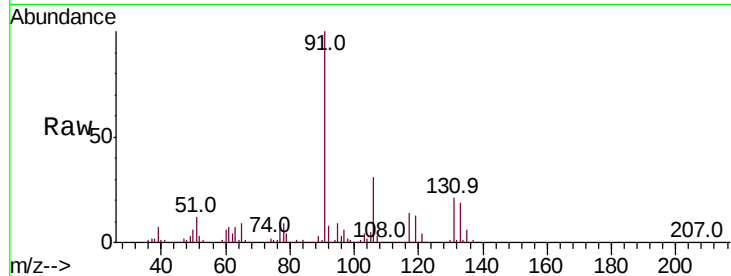




#67
Ethyl Benzene
Concen: 50.885 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

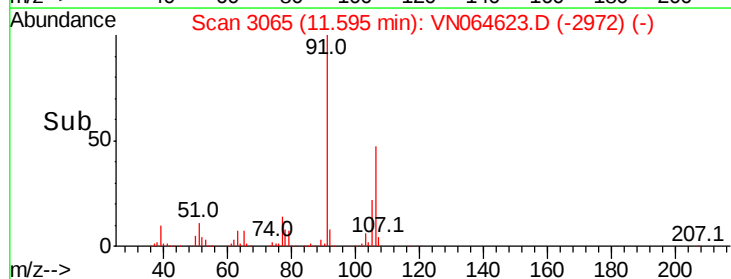
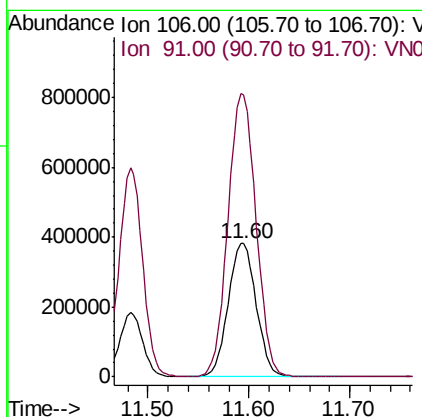
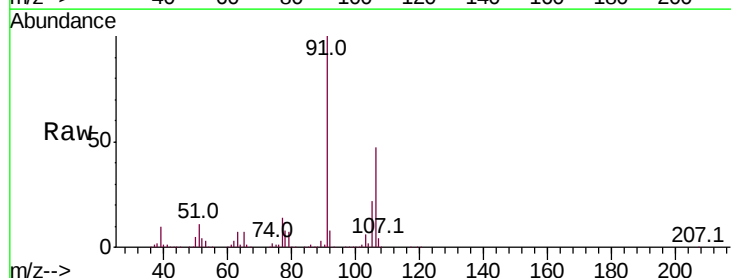
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

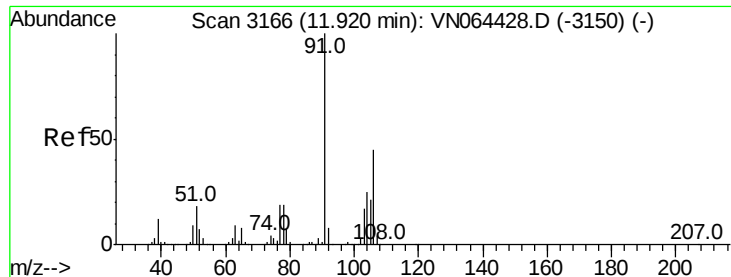
Tot Ion: 91 Resp: 989902
Ion Ratio Lower Upper
91 100
106 30.7 23.6 35.4



#68
m/p-Xylenes
Concen: 104.875 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 106 Resp: 739899
Ion Ratio Lower Upper
106 100
91 212.7 169.4 254.2

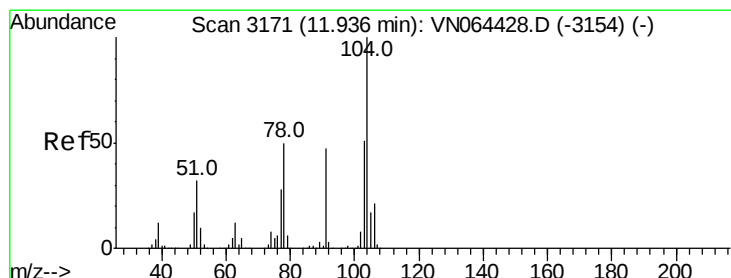
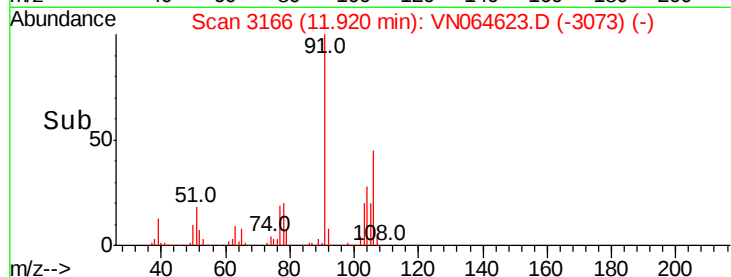
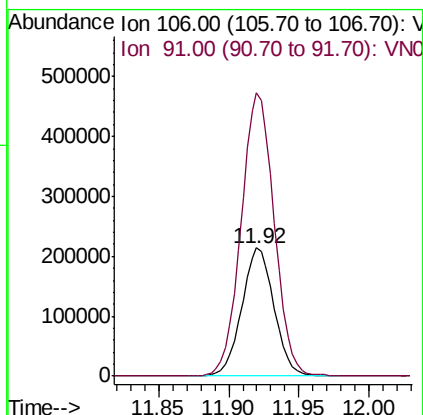
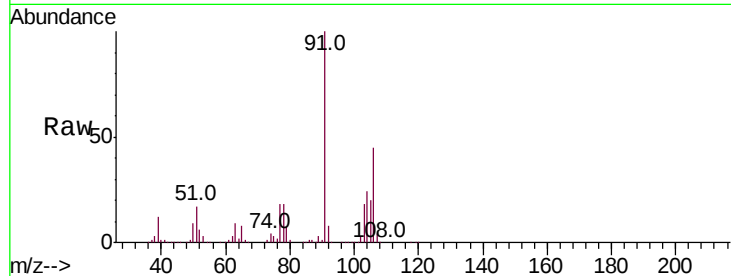




#69
o-Xylene
Concen: 50.343 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

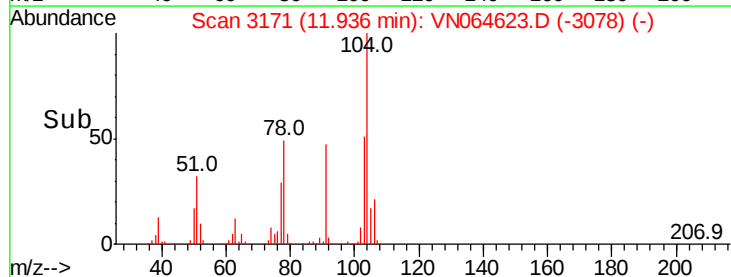
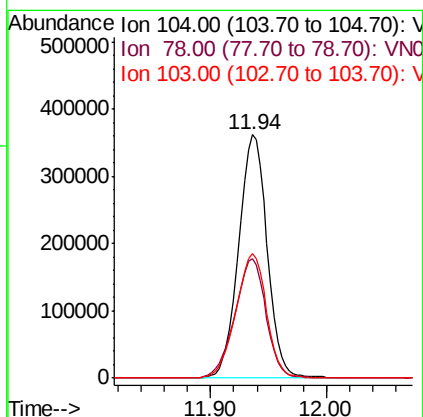
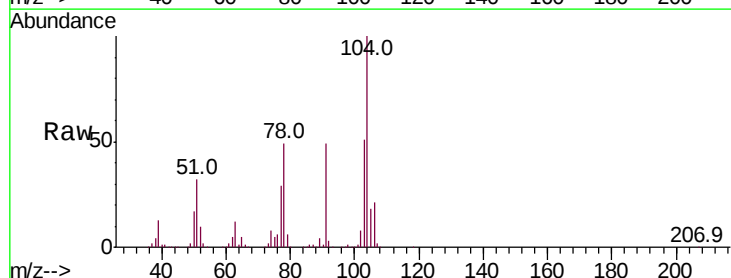
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

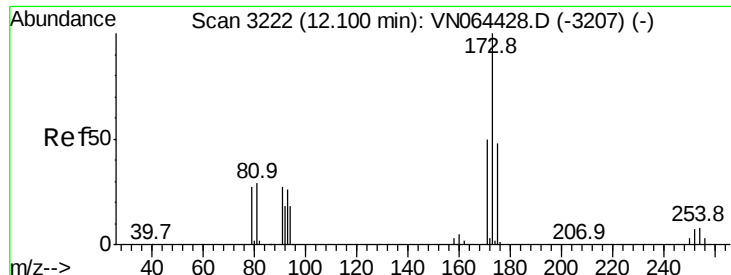
Tot Ion:106 Resp: 343208
Ion Ratio Lower Upper
106 100
91 226.8 111.7 334.9



#70
Styrene
Concen: 53.804 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion:104 Resp: 617229
Ion Ratio Lower Upper
104 100
78 53.8 44.0 66.0
103 54.9 43.8 65.6





#71

Bromoform

Concen: 50.328 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

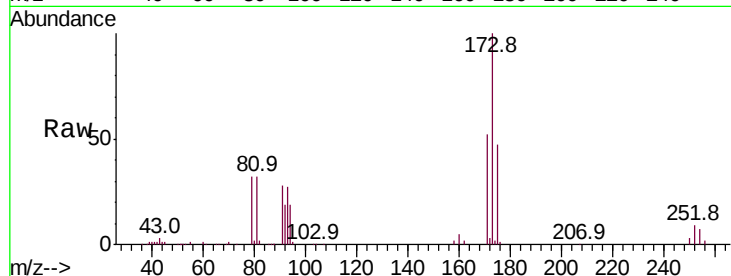
Tot Ion:173 Resp: 154211

Ion Ratio Lower Upper

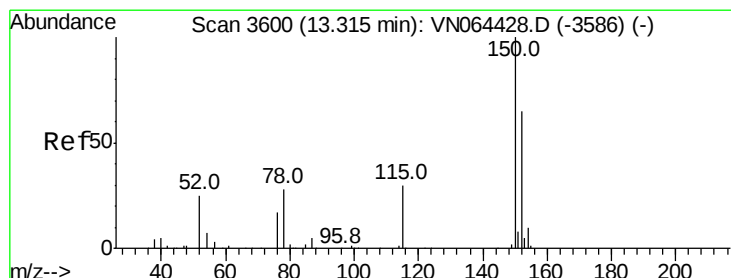
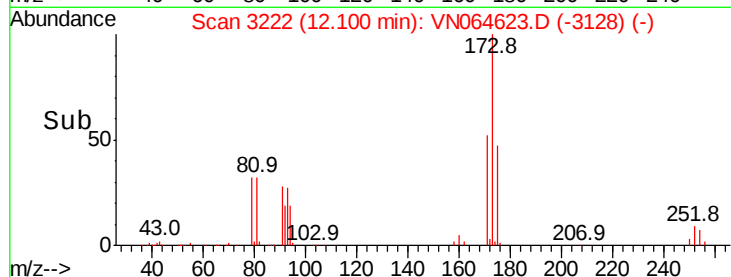
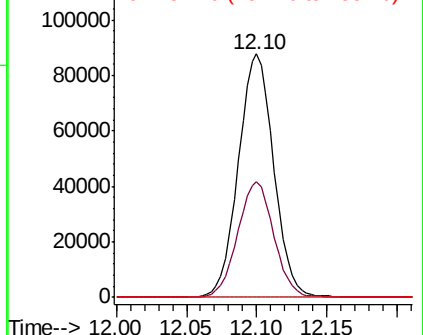
173 100

175 48.3 23.7 71.1

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
120000
Ion 174.70 (174.40 to 175.40): V
100000
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

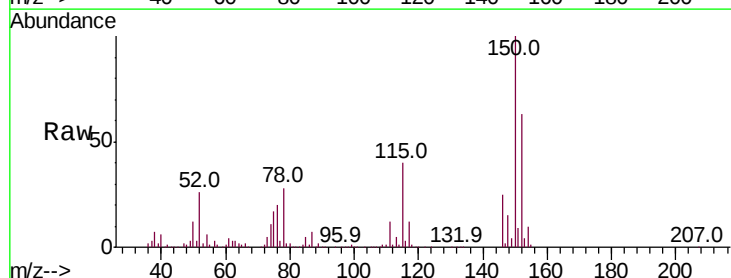
Tgt Ion:152 Resp: 250741

Ion Ratio Lower Upper

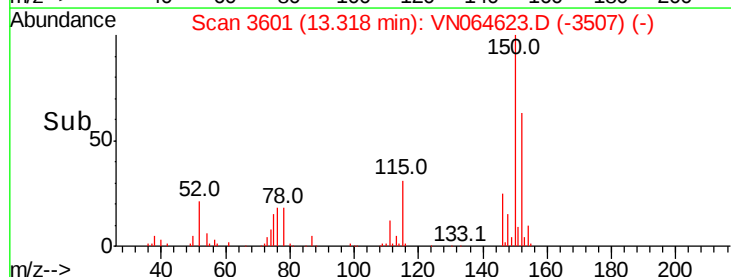
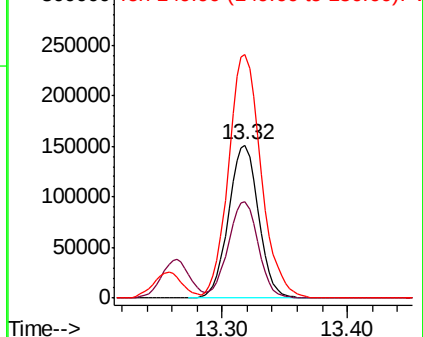
152 100

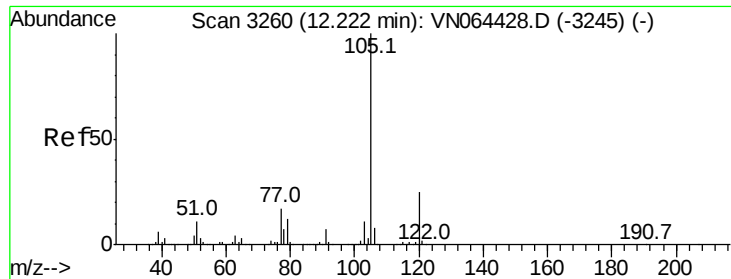
115 63.0 32.0 96.0

150 172.8 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V
300000
Ion 114.90 (114.60 to 115.60): V
250000
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.273 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

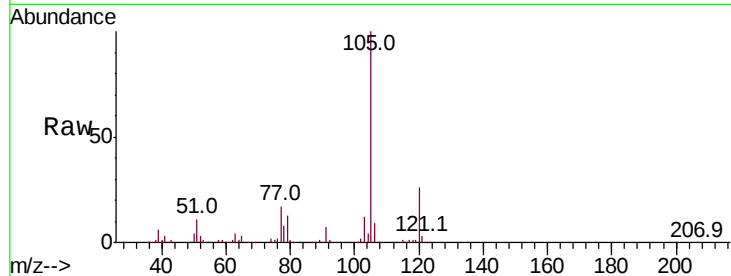
VSTDCCC050

Tot Ion:105 Resp: 922204

Ion Ratio Lower Upper

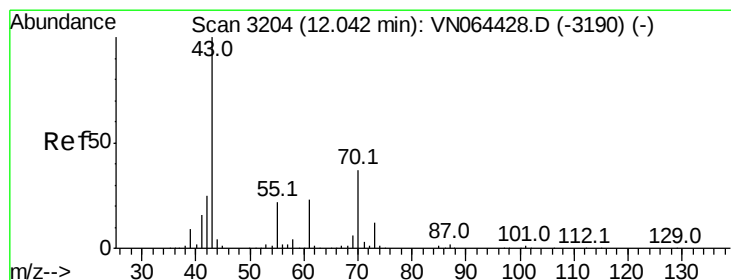
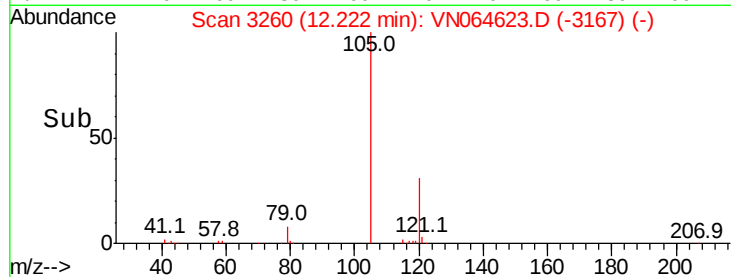
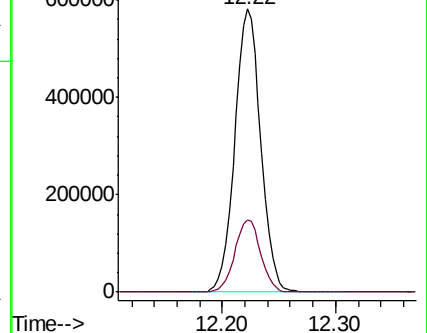
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.745 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion: 43 Resp: 411423

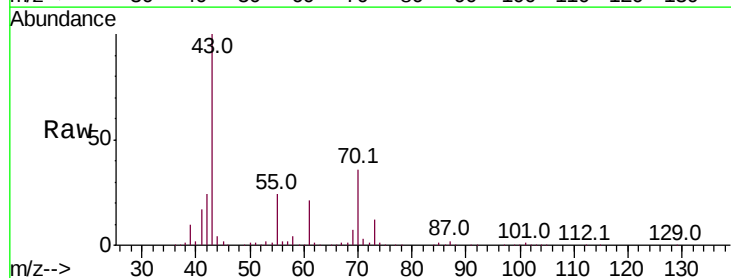
Ion Ratio Lower Upper

43 100

70 36.5 29.6 44.4

55 24.4 18.4 27.6

61 21.4 17.8 26.6

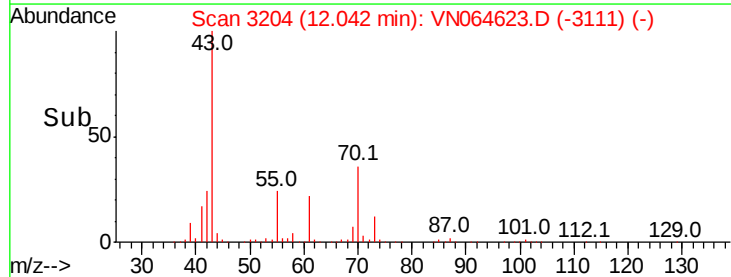
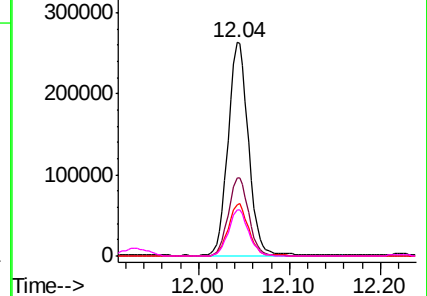


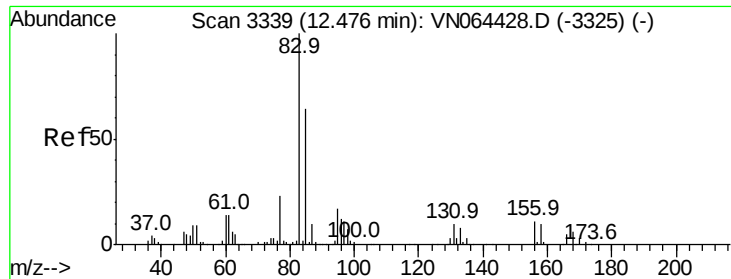
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.822 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

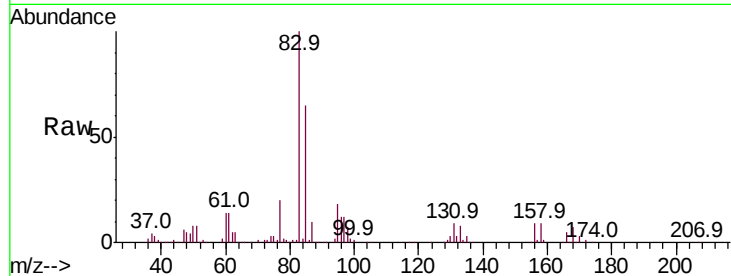
Tot Ion: 83 Resp: 292742

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

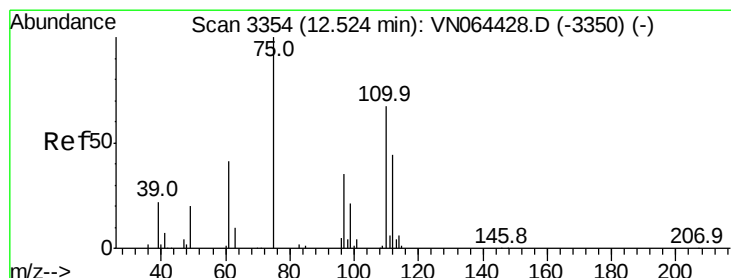
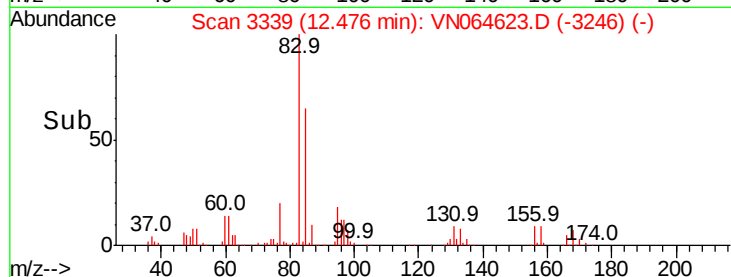
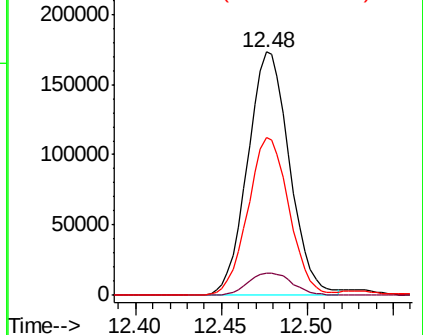
85 63.8 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064623.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064623.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064623.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 67.208 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064623.D

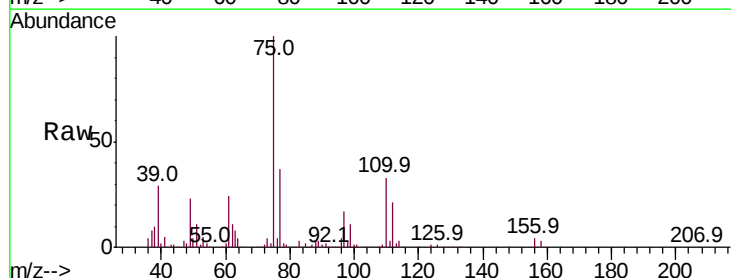
Acq: 13 Nov 2020 11:04

Tgt Ion: 75 Resp: 408305

Ion Ratio Lower Upper

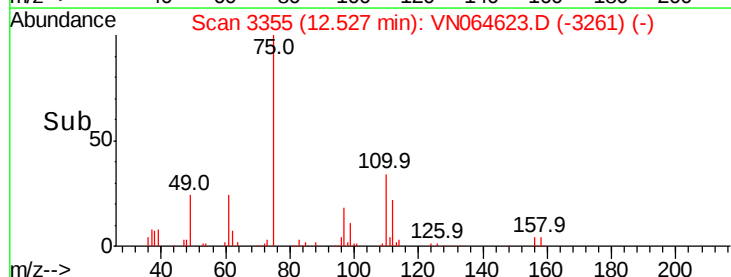
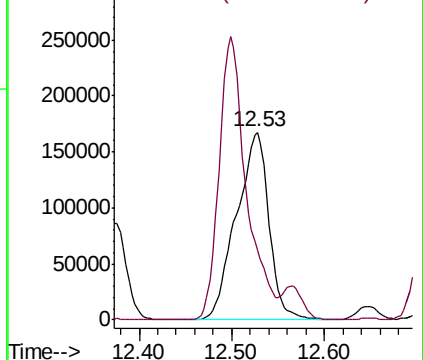
75 100

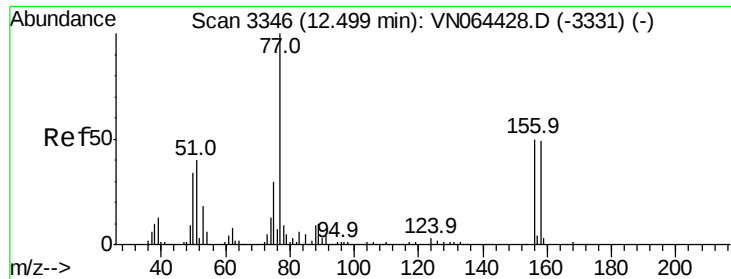
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064623.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN064623.D (-3261) (-)





#77

Bromobenzene

Concen: 45.183 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

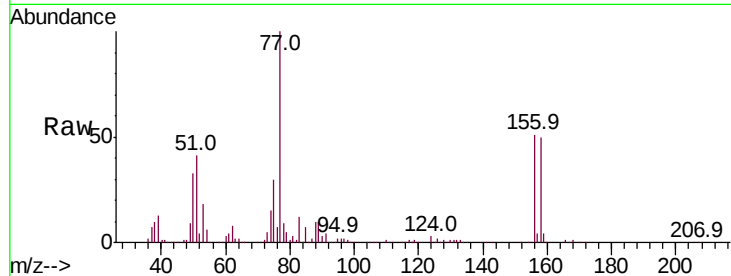
Tot Ion:156 Resp: 219847

Ion Ratio Lower Upper

156 100

77 236.1 119.0 357.0

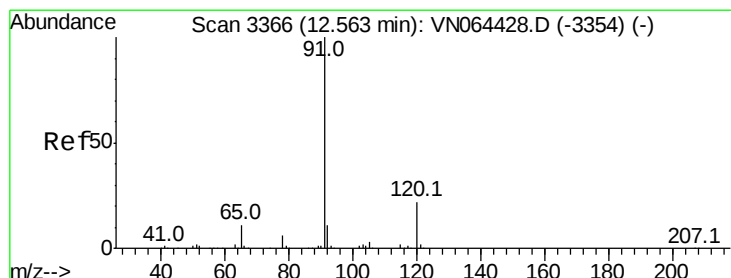
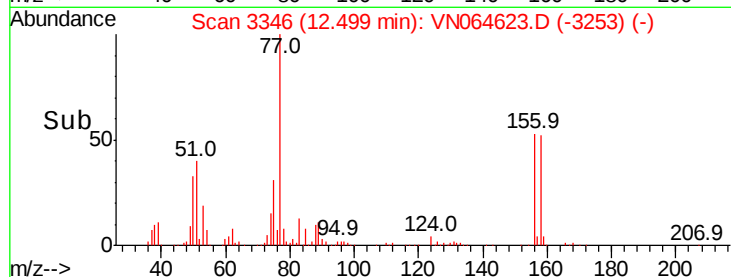
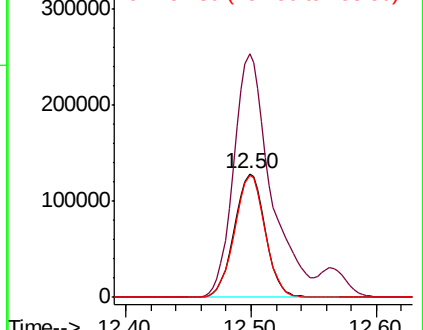
158 97.7 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.708 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064623.D

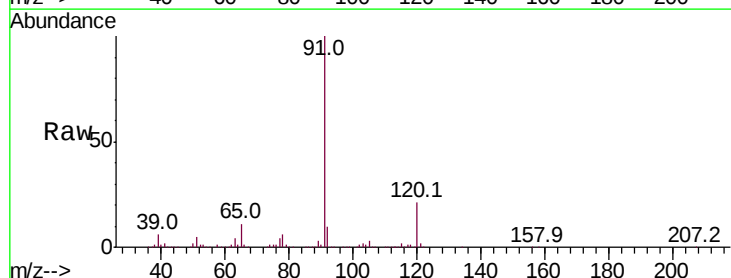
Acq: 13 Nov 2020 11:04

Tgt Ion: 91 Resp: 1106715

Ion Ratio Lower Upper

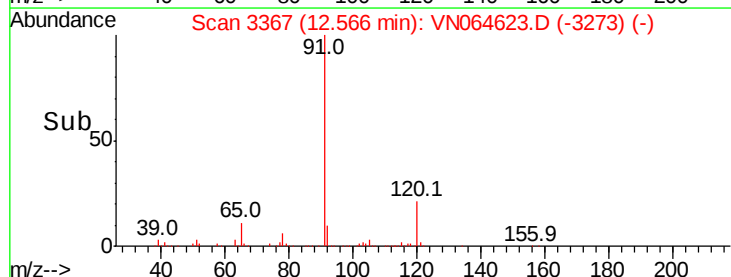
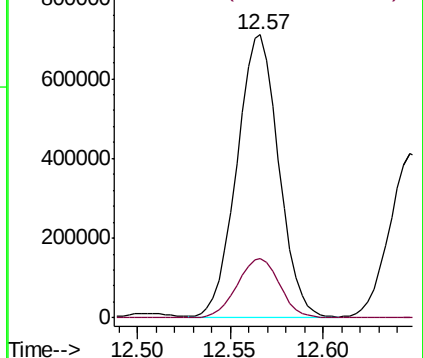
91 100

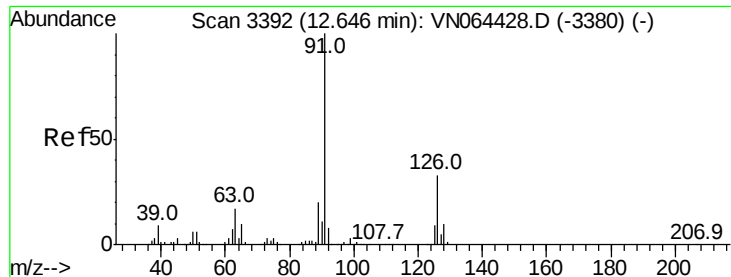
120 21.6 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

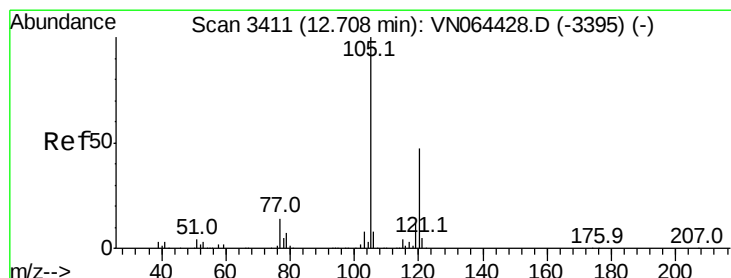
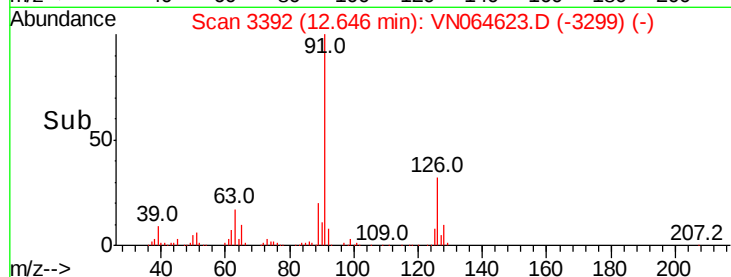
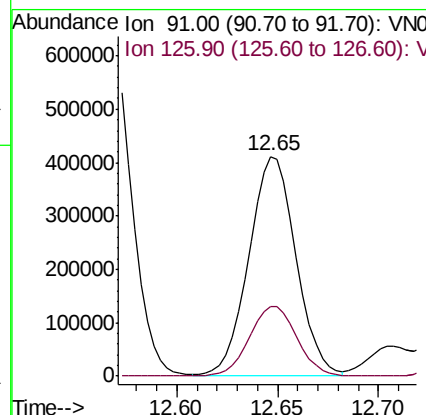
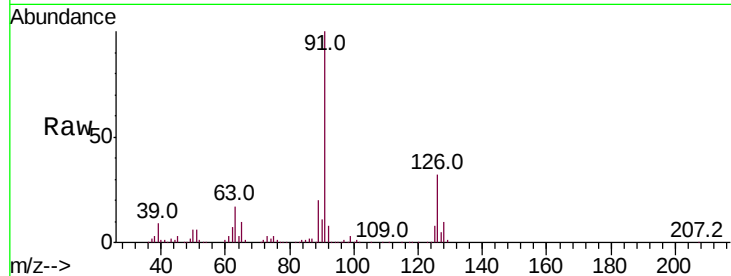




#79
 2-Chlorotoluene
 Concen: 46.222 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

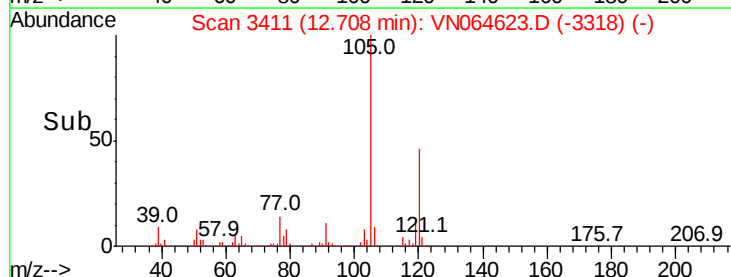
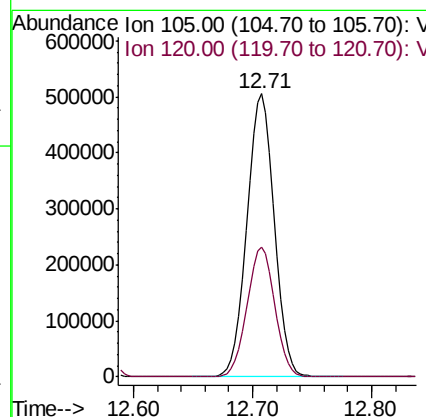
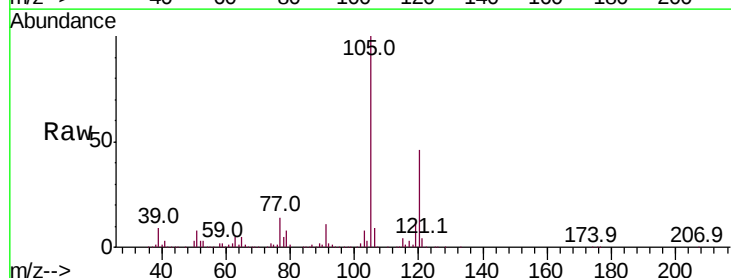
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

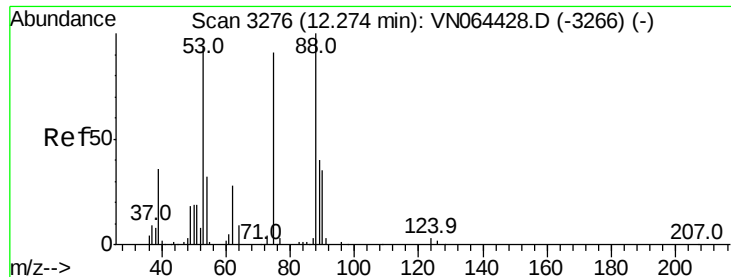
Tot Ion: 91 Resp: 666096
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.774 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 105 Resp: 801913
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.850 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

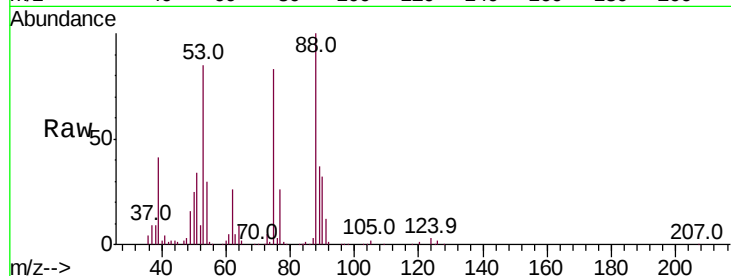
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 101940

Ion	Ratio	Lower	Upper
75	100		
53	106.5	84.0	126.0
89	46.6	36.3	54.5

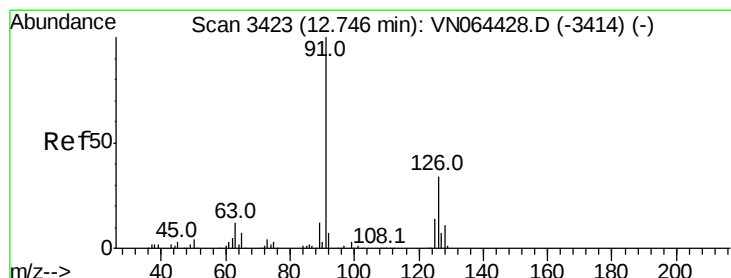
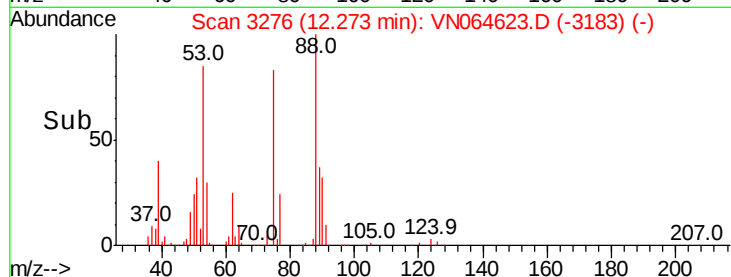
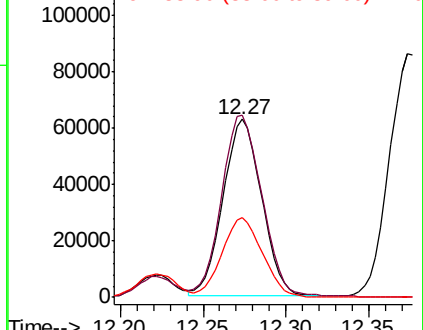


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.163 ug/l

RT: 12.75 min Scan# 3423

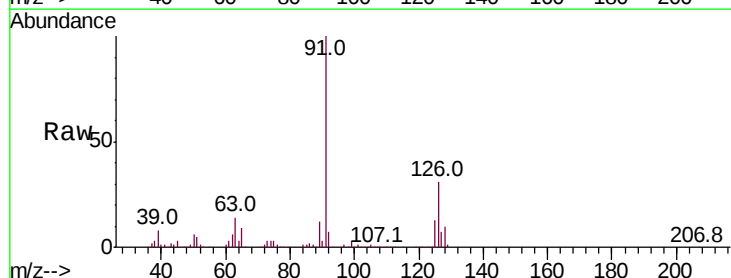
Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion: 91 Resp: 726872

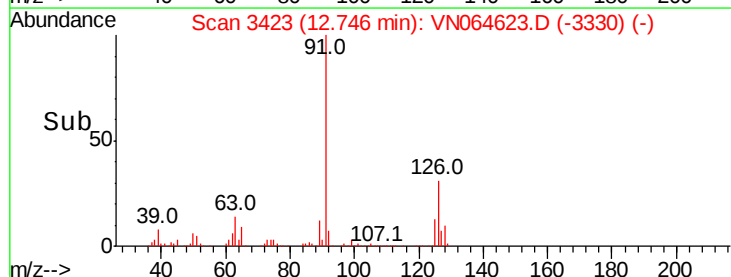
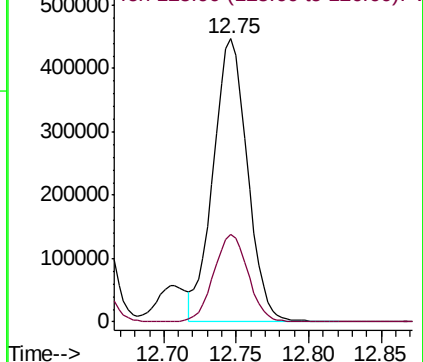
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.2

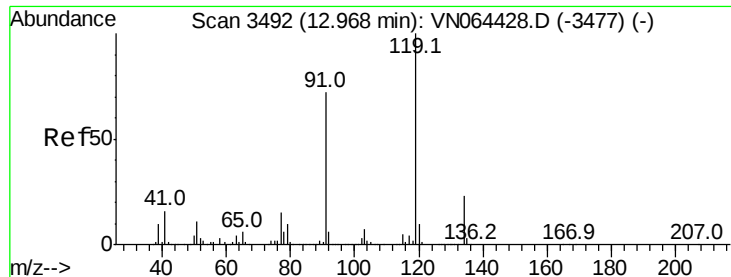


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.660 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

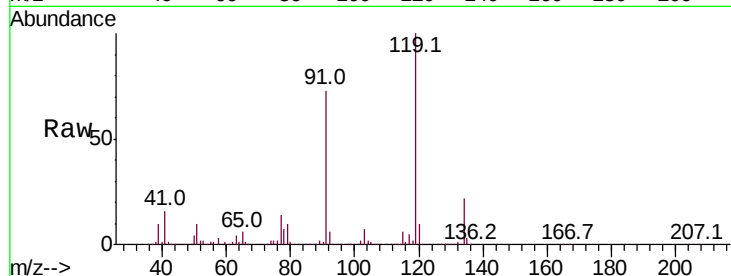
Tot Ion:119 Resp: 624842

Ion Ratio Lower Upper

119 100

91 70.8 36.1 108.3

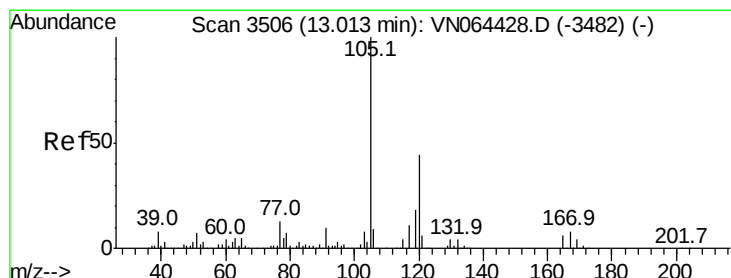
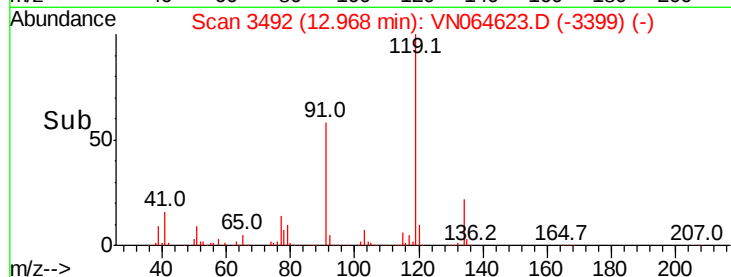
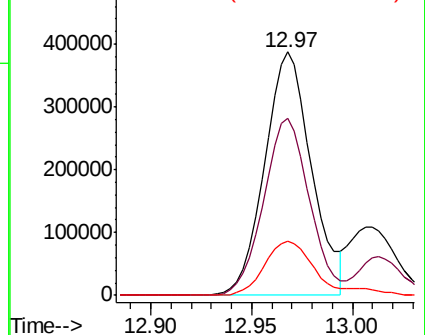
134 24.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.251 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064623.D

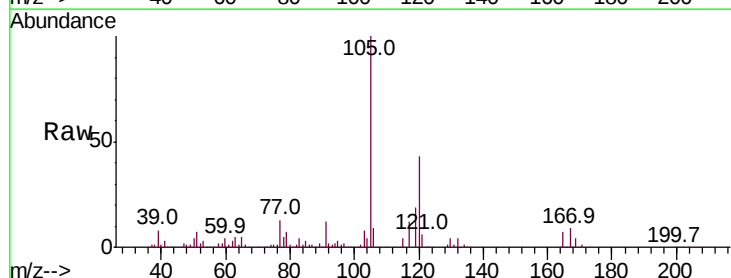
Acq: 13 Nov 2020 11:04

Tgt Ion:105 Resp: 814023

Ion Ratio Lower Upper

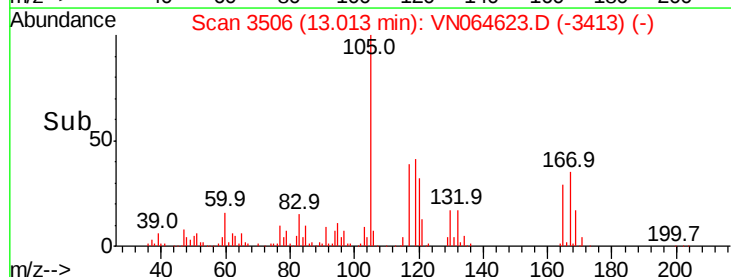
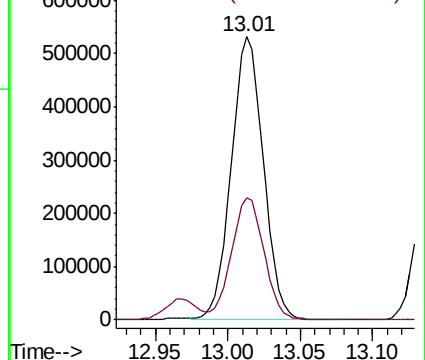
105 100

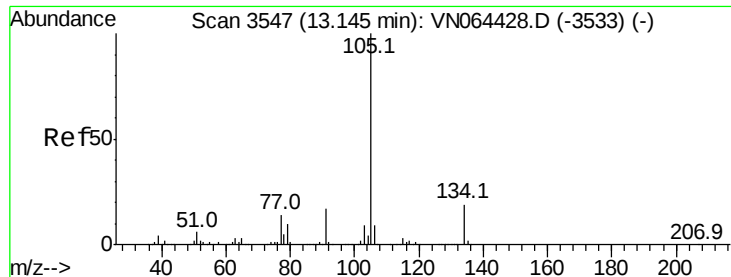
120 44.2 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.345 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :

MSVOA_N

ClientSampleId :

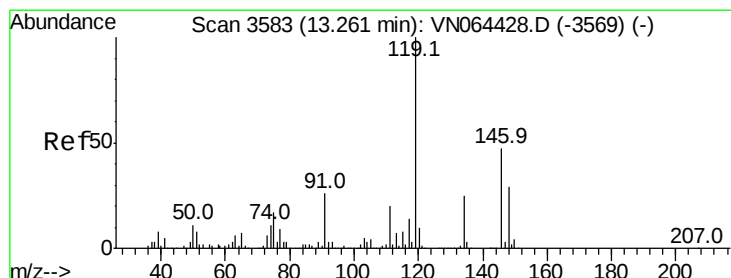
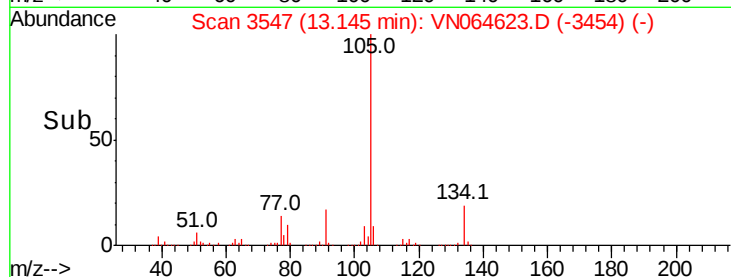
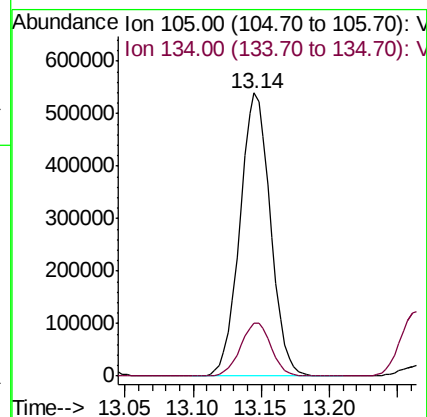
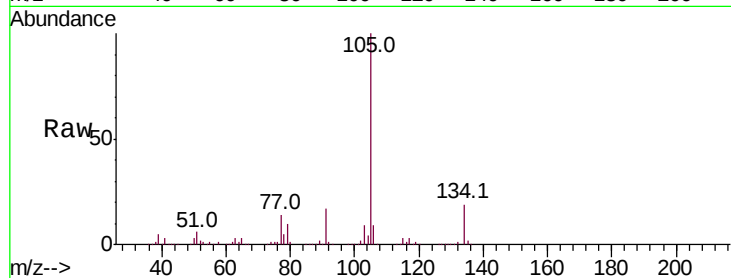
VSTDCCC050

Tot Ion:105 Resp: 835015

Ion Ratio Lower Upper

105 100

134 19.0 9.4 28.2



#86

p-Isopropyltoluene

Concen: 51.778 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

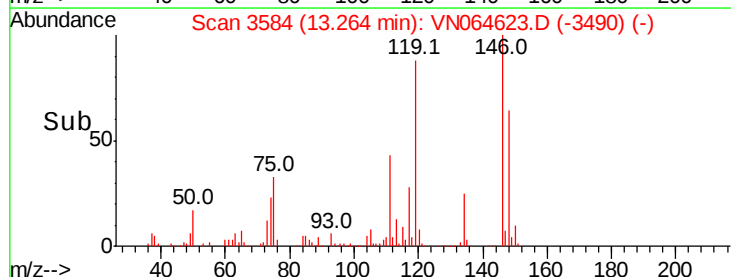
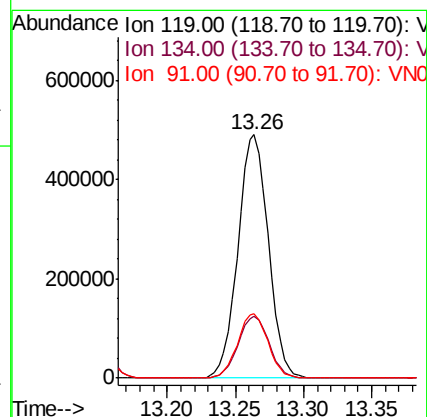
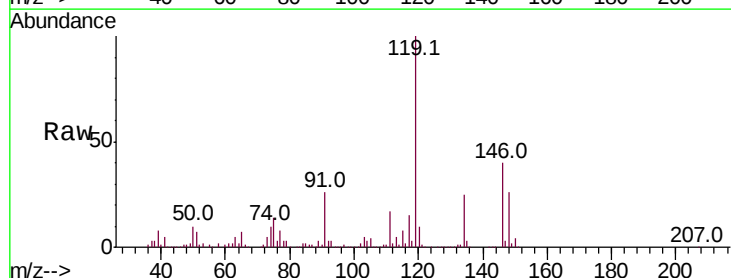
Tgt Ion:119 Resp: 757411

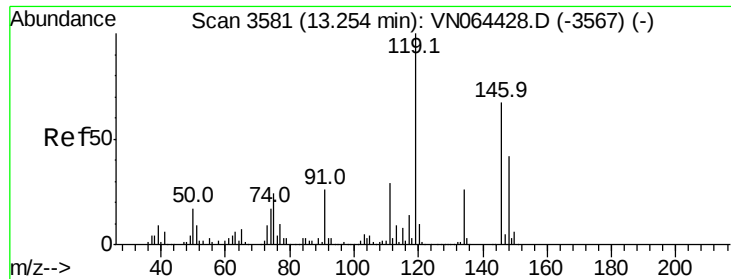
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.6

91 26.2 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 49.196 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

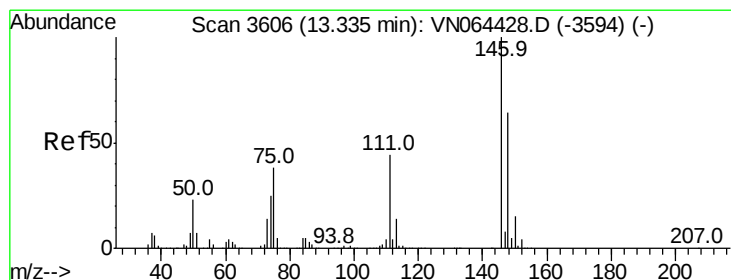
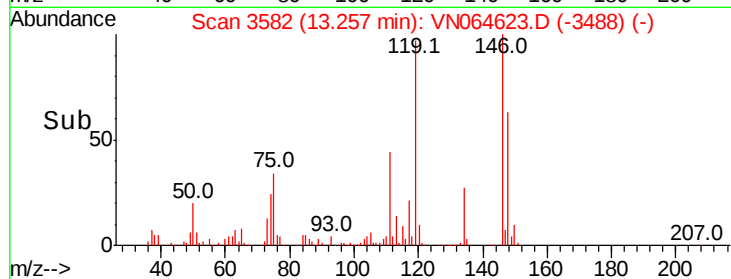
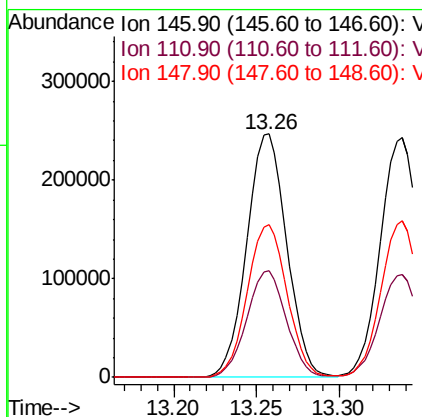
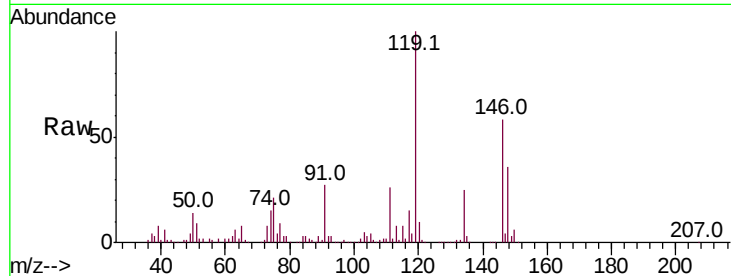
Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 413788

Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.1	66.1
148	62.5	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 46.615 ug/l

RT: 13.34 min Scan# 3607

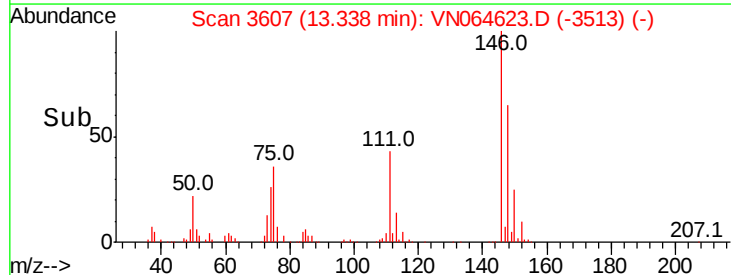
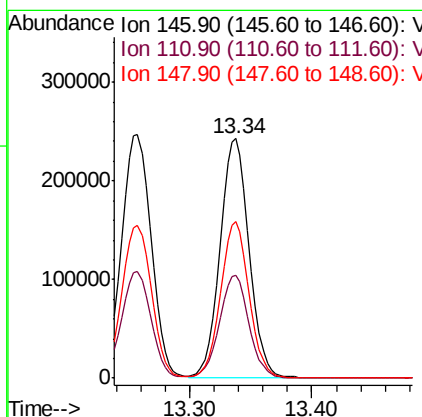
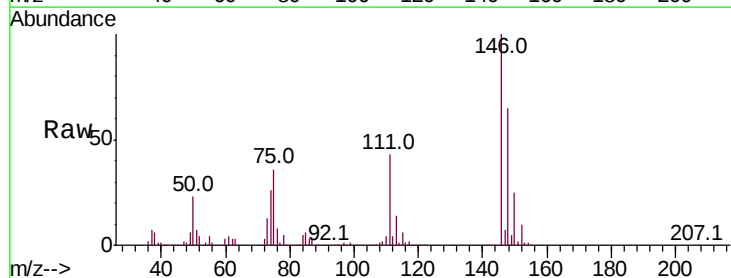
Delta R.T. 0.00 min

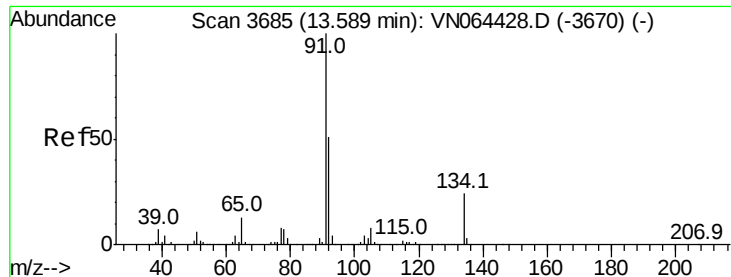
Lab File: VN064623.D

Acq: 13 Nov 2020 11:04

Tgt Ion:146 Resp: 405187

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.8	65.3
148	64.1	32.4	97.2

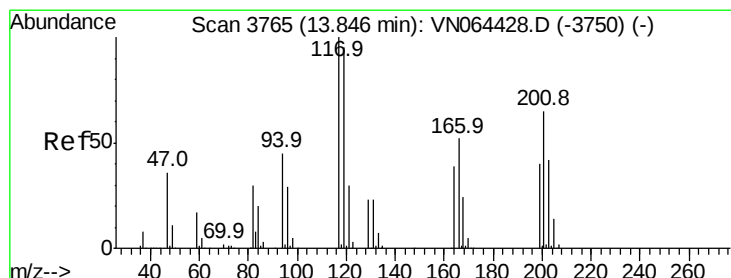
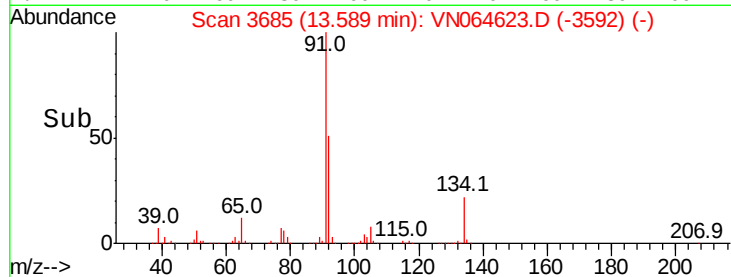
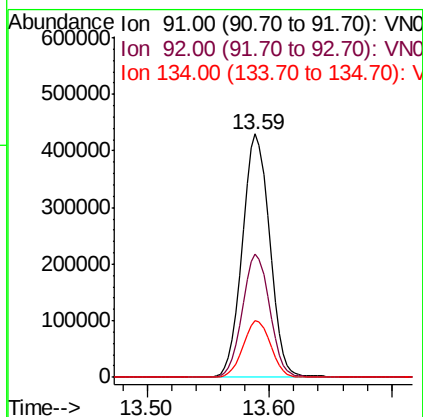
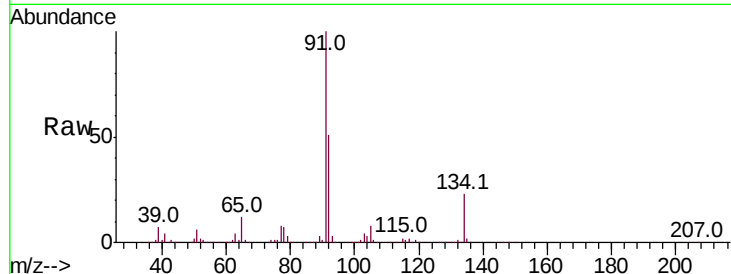




#89
n-Butylbenzene
Concen: 52.715 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

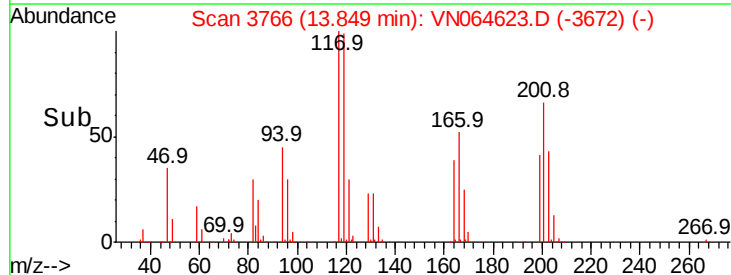
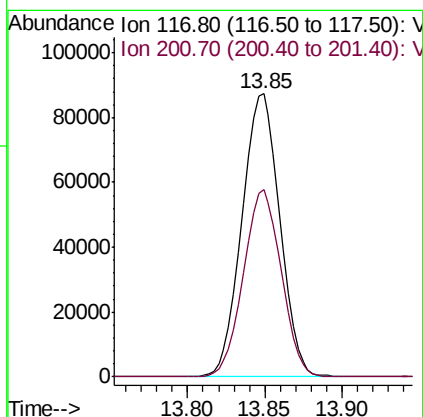
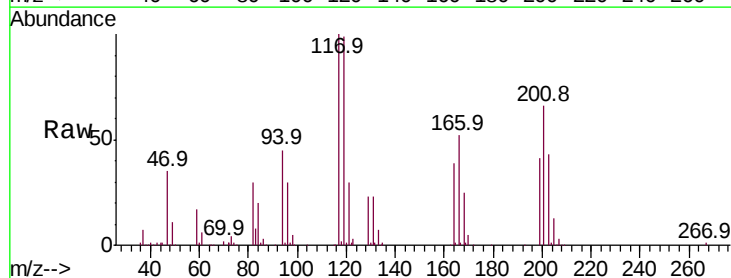
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

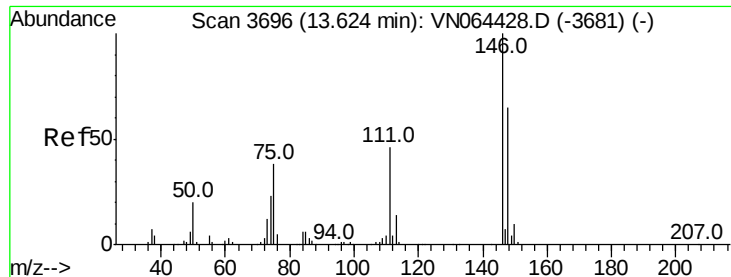
Tot Ion: 91 Resp: 663006
Ion Ratio Lower Upper
91 100
92 50.6 25.3 75.9
134 23.4 11.8 35.4



#90
Hexachloroethane
Concen: 52.843 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion: 117 Resp: 149114
Ion Ratio Lower Upper
117 100
201 65.9 32.5 97.5

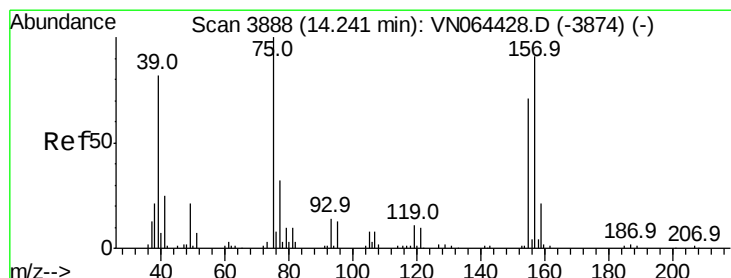
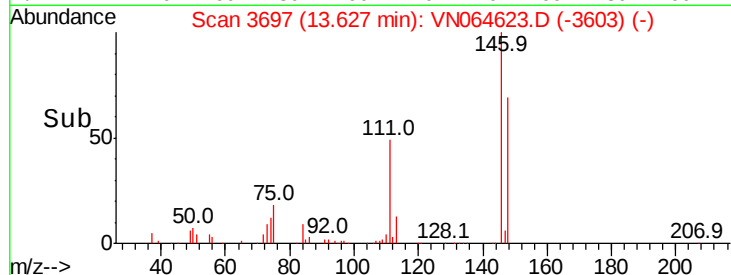
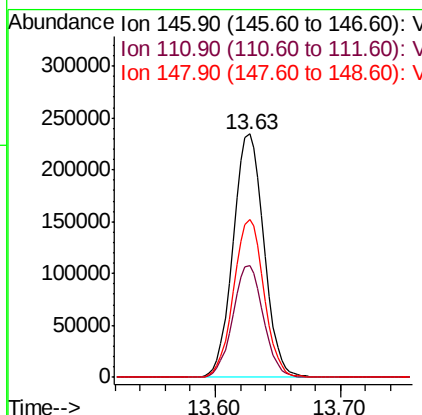
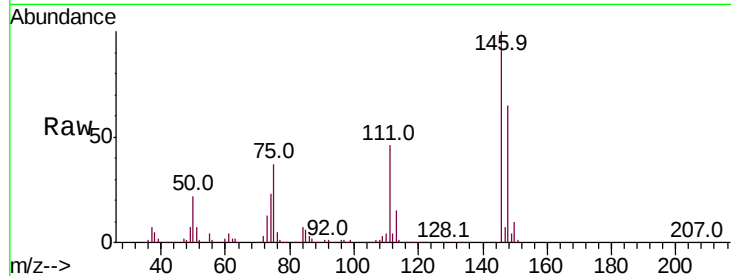




#91
 1,2-Dichlorobenzene
 Concen: 49.514 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

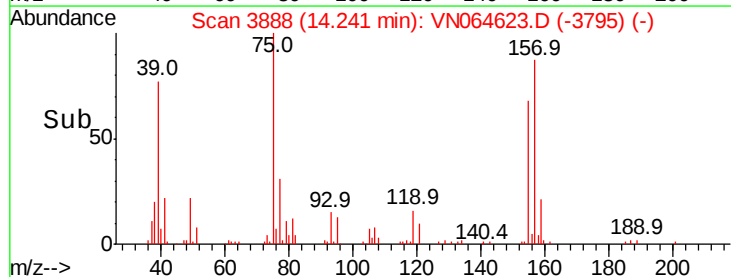
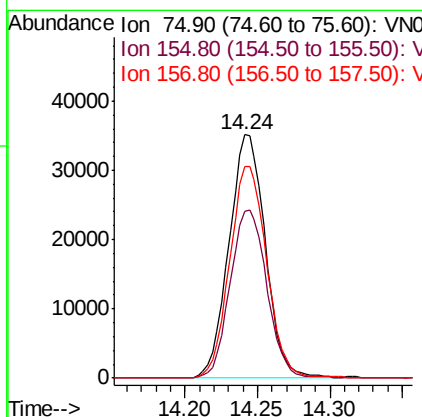
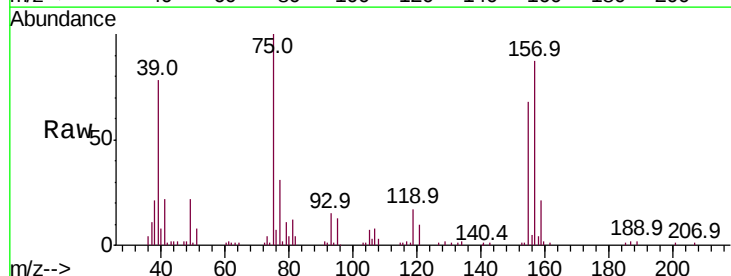
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

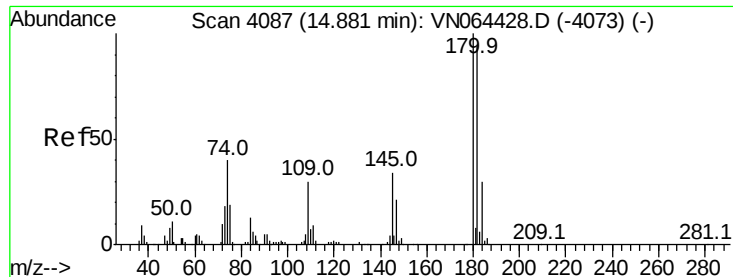
Tot Ion:146 Resp: 400600
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.9 68.7
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.276 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion: 75 Resp: 61274
 Ion Ratio Lower Upper
 75 100
 155 69.6 34.6 103.9
 157 87.8 43.0 128.8

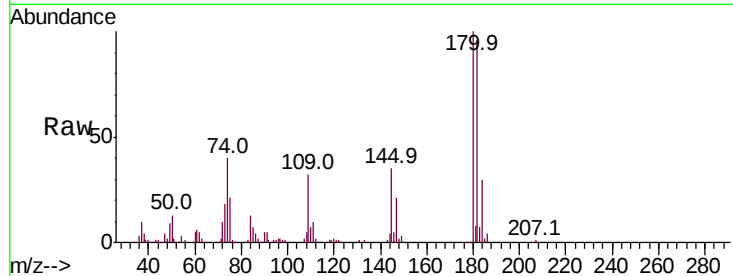




#93
 1,2,4-Trichlorobenzene
 Concen: 45.262 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	33.9	16.7	50.1

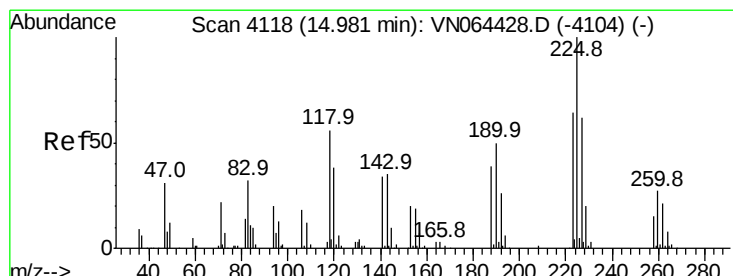
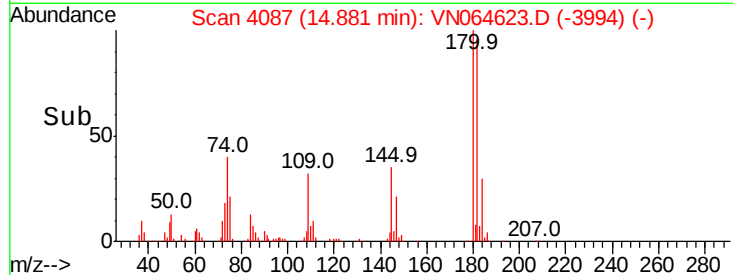
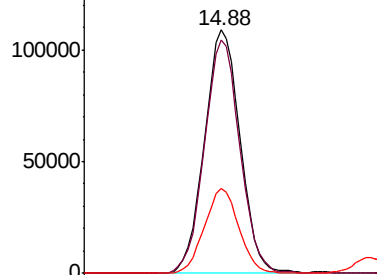


Abundance

Ion 179.80 (179.50 to 180.50): V

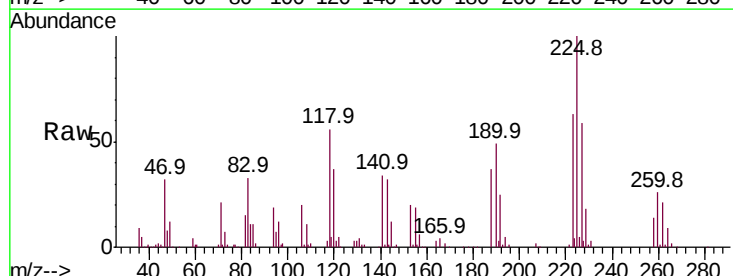
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 59.330 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064623.D
 Acq: 13 Nov 2020 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.8	95.4
227	61.7	31.8	95.4

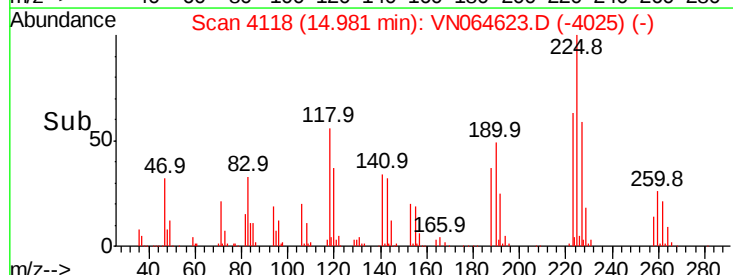
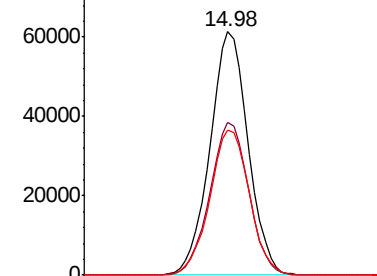


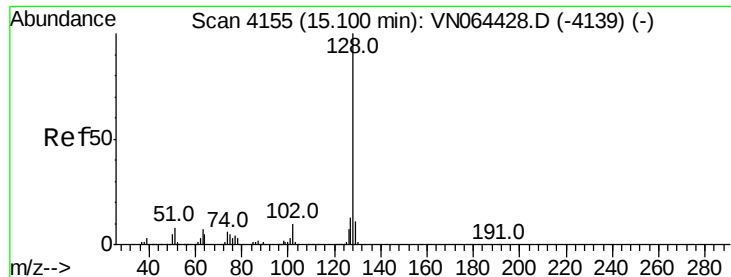
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

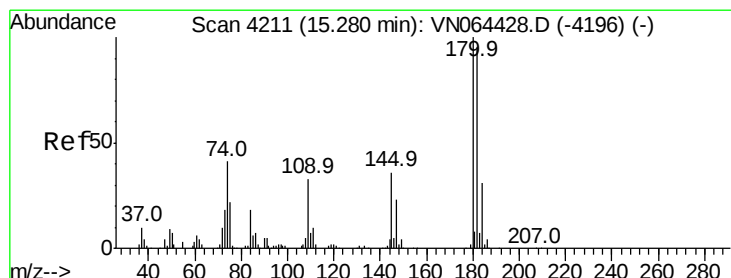
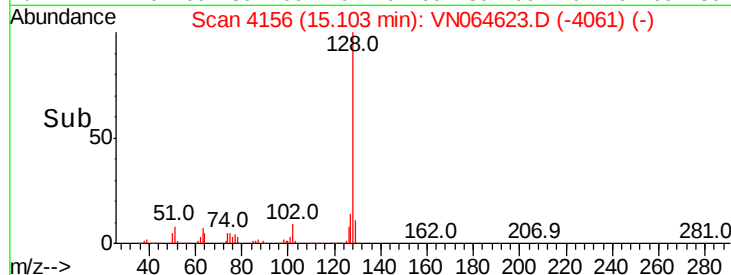
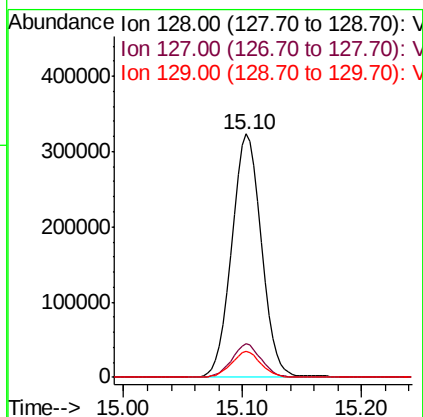
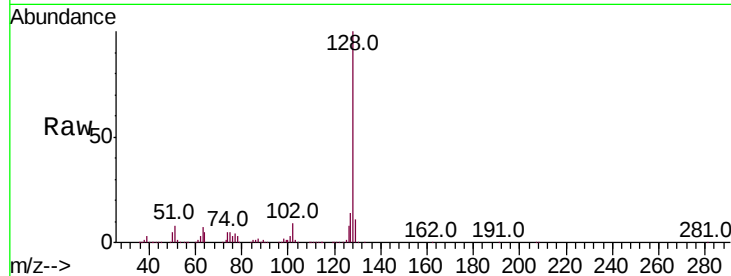




#95
Naphthalene
Concen: 41.422 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 560434
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.621 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064623.D
Acq: 13 Nov 2020 11:04

Tgt Ion:180 Resp: 184822
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 34.5 18.3 54.8

