

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064703.D
 Acq On : 18 Nov 2020 13:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 18 13:48:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	283783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	499078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232012	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	239580	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	7.55	113	137484	41.72	ug/l	0.00
Spiked Amount			Recovery	=	83.44%	
50) Toluene-d8	10.06	98	627812	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.37	95	237392	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	172034	47.615	ug/l	100
3) Chloromethane	2.04	50	188211	43.320	ug/l	100
4) Vinyl Chloride	2.17	62	200702	44.854	ug/l	100
5) Bromomethane	2.53	94	146102	50.230	ug/l	100
6) Chloroethane	2.68	64	138952	47.866	ug/l	100
7) Trichlorofluoromethane	2.99	101	361564	53.173	ug/l	100
8) Diethyl Ether	3.37	74	117273	49.474	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	157032	49.218	ug/l	100
10) Methyl Iodide	3.91	142	195166	52.569	ug/l	100
11) Tert butyl alcohol	4.74	59	123141	234.940	ug/l	100
12) 1,1-Dichloroethene	3.70	96	150301	50.064	ug/l	100
13) Acrolein	3.56	56	31994	108.181	ug/l	100
14) Allyl chloride	4.28	41	266375	46.189	ug/l	100
15) Acrylonitrile	4.93	53	366439	248.563	ug/l	100
16) Acetone	3.78	43	294709	169.193	ug/l	100
17) Carbon Disulfide	4.01	76	437833	49.051	ug/l	100
18) Methyl Acetate	4.28	43	174370	47.682	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	540812	50.317	ug/l	100
20) Methylene Chloride	4.50	84	178845	48.336	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	169198	49.794	ug/l	100
22) Diisopropyl ether	5.90	45	578709	47.336	ug/l	100
23) Vinyl Acetate	5.85	43	2387602	241.100	ug/l	100
24) 1,1-Dichloroethane	5.80	63	327432	48.273	ug/l	100
25) 2-Butanone	6.79	43	499186	218.834	ug/l	100
26) 2,2-Dichloropropane	6.78	77	315356	50.813	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	191444	48.829	ug/l	100
28) Bromochloromethane	7.15	49	157875	46.048	ug/l	100
29) Tetrahydrofuran	7.17	42	344938	241.137	ug/l	100
30) Chloroform	7.33	83	357069	49.818	ug/l	100
31) Cyclohexane	7.61	56	258692	44.586	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	321886	50.405	ug/l	100
36) 1,1-Dichloropropene	7.75	75	258921	49.986	ug/l	100
37) Ethyl Acetate	6.88	43	231046	50.708	ug/l	100
38) Carbon Tetrachloride	7.73	117	284837	51.076	ug/l	100

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39) Methylcyclohexane	9.05	83	227875	49.298	ug/l	100
40) Benzene	8.00	78	732928	48.232	ug/l	100
41) Methacrylonitrile	7.13	41	102801	44.615	ug/l	100
42) 1,2-Dichloroethane	8.08	62	312672	50.643	ug/l	100
43) Isopropyl Acetate	8.13	43	417085	49.850	ug/l	100
44) Trichloroethene	8.80	130	198251	51.120	ug/l	100
45) 1,2-Dichloropropane	9.08	63	196783	48.664	ug/l	100
46) Dibromomethane	9.17	93	140612	51.989	ug/l	100
47) Bromodichloromethane	9.37	83	294196	50.866	ug/l	100
48) Methyl methacrylate	9.16	41	207441	49.250	ug/l	100
49) 1,4-Dioxane	9.16	88	49469	904.520	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1224348	252.338	ug/l	100
52) Toluene	10.12	92	468727	50.506	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	320427	52.513	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	323956	49.915	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	186039	51.137	ug/l	100
56) Ethyl methacrylate	10.40	69	274847	52.406	ug/l	100
57) 1,3-Dichloropropane	10.68	76	317996	50.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	744738	281.733	ug/l	100
59) 2-Hexanone	10.72	43	891761	254.327	ug/l	100
60) Dibromochloromethane	10.87	129	213586	52.460	ug/l	100
61) 1,2-Dibromoethane	10.97	107	194725	52.695	ug/l	100
64) Tetrachloroethene	10.60	164	210421	56.931	ug/l	100
65) Chlorobenzene	11.40	112	510233	49.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	189809	49.937	ug/l	100
67) Ethyl Benzene	11.48	91	922703	51.079	ug/l	100
68) m/p-Xylenes	11.59	106	686863	104.530	ug/l	100
69) o-Xylene	11.92	106	326184	51.438	ug/l	100
70) Styrene	11.94	104	570714	53.390	ug/l	100
71) Bromoform	12.10	173	135373	52.866	ug/l	100
73) Isopropylbenzene	12.22	105	851141	47.391	ug/l	100
74) N-amyl acetate	12.04	43	400897	51.122	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	231507	42.330	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	372534	67.969	ug/l #	100
77) Bromobenzene	12.50	156	207109	46.897	ug/l	100
78) n-propylbenzene	12.56	91	998876	48.684	ug/l	100
79) 2-Chlorotoluene	12.65	91	616726	47.190	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	730174	49.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	94276	48.301	ug/l	100
82) 4-Chlorotoluene	12.75	91	663809	48.537	ug/l	100
83) tert-Butylbenzene	12.97	119	566430	48.651	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	740127	49.582	ug/l	100
85) sec-Butylbenzene	13.14	105	747346	50.657	ug/l	100
86) p-Isopropyltoluene	13.26	119	690452	51.877	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	379802	49.606	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	378816	47.851	ug/l	100
89) n-Butylbenzene	13.59	91	622419	54.037	ug/l	100
90) Hexachloroethane	13.85	117	111596	44.427	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	364111	49.584	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59164	53.009	ug/l	100

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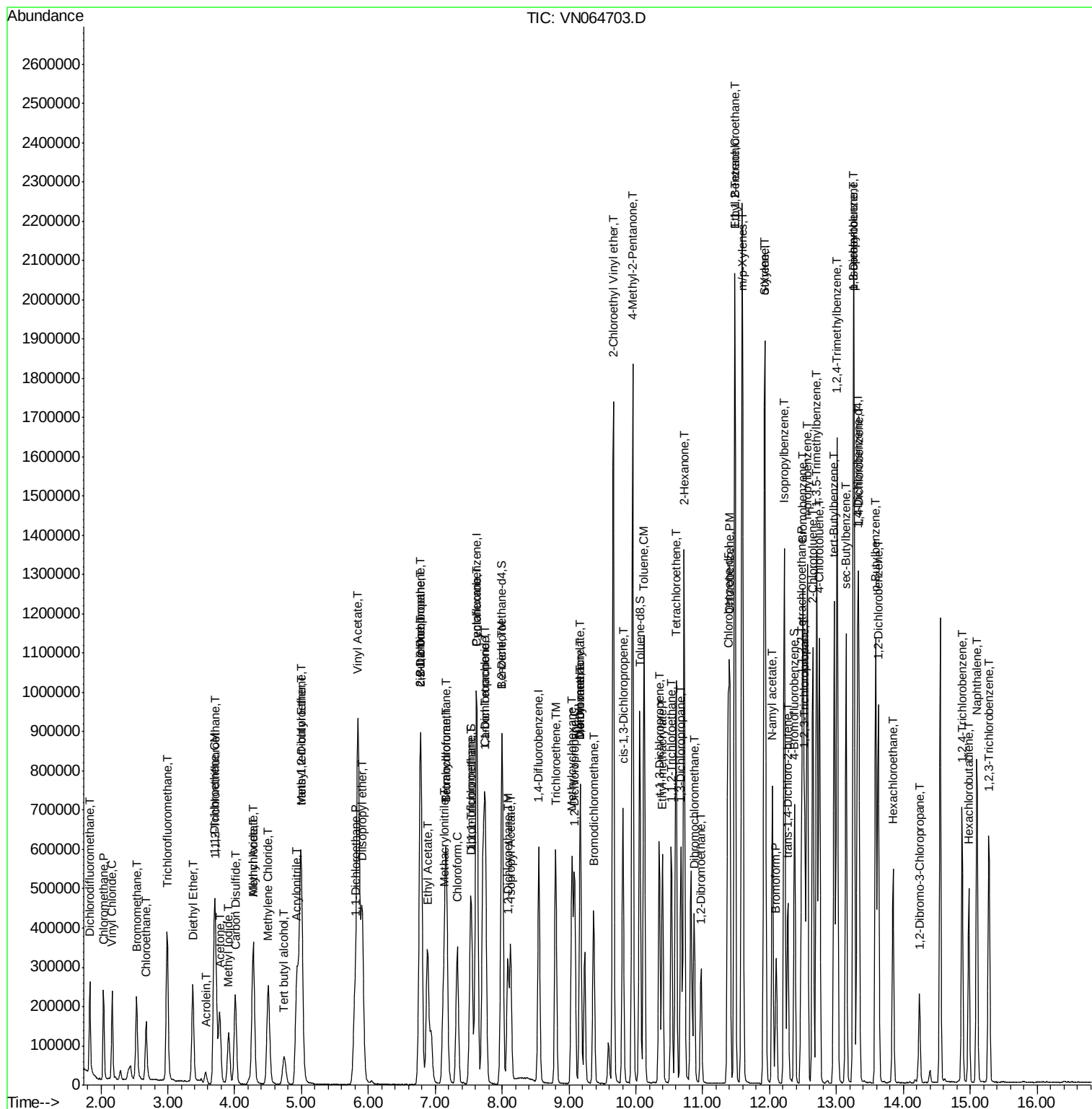
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	188588	61.275	ug/l	100
94) Hexachlorobutadiene	14.98	225	78825	51.890	ug/l	100
95) Naphthalene	15.10	128	658052	64.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	185193	60.293	ug/l	100

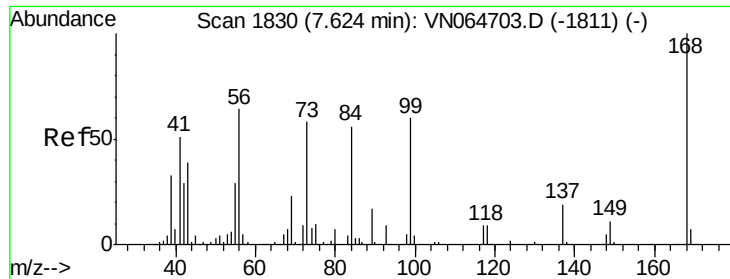
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

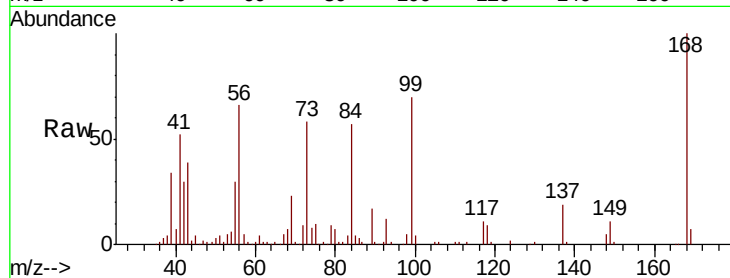
VSTDICCC050

Tot Ion:168 Resp: 283783

Ion Ratio Lower Upper

168 100

99 69.6 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

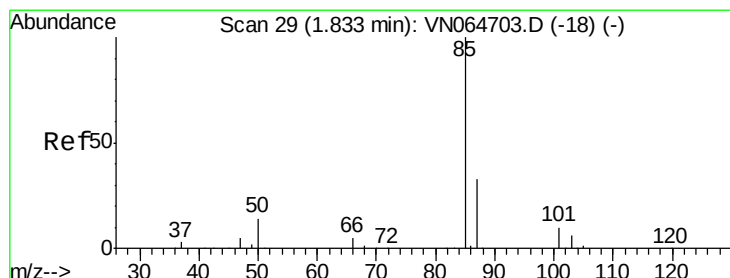
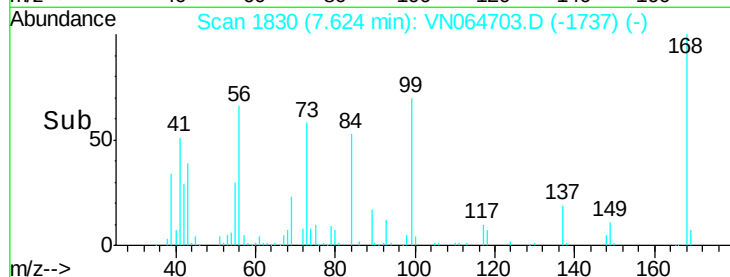
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.615 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064703.D

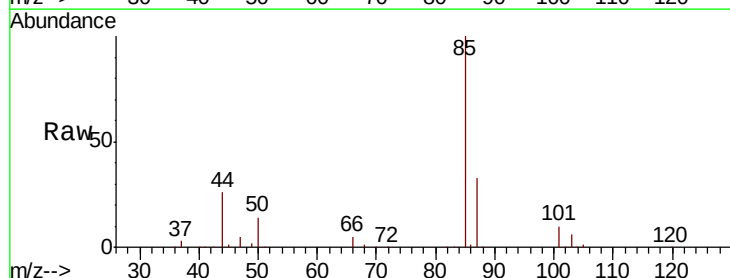
Acq: 18 Nov 2020 13:01

Tgt Ion: 85 Resp: 172034

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

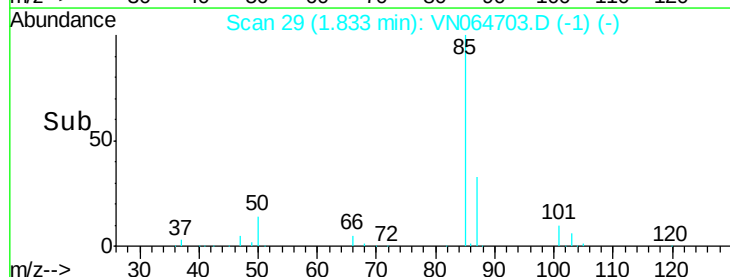
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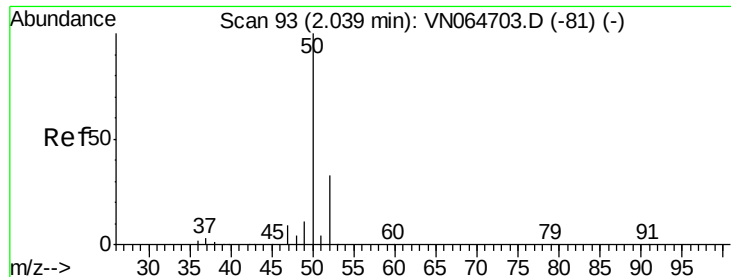
100000

50000

0

Time--> 1.75 1.80 1.85 1.90

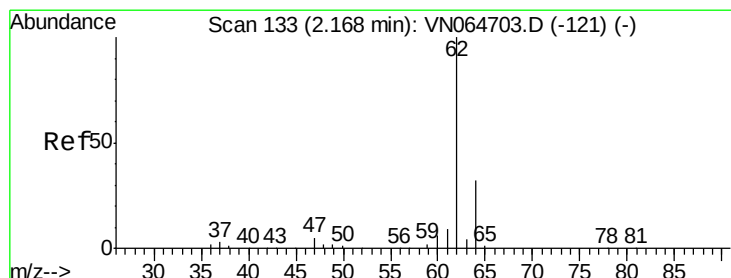
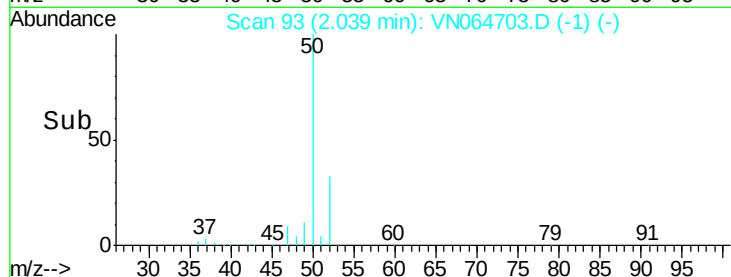
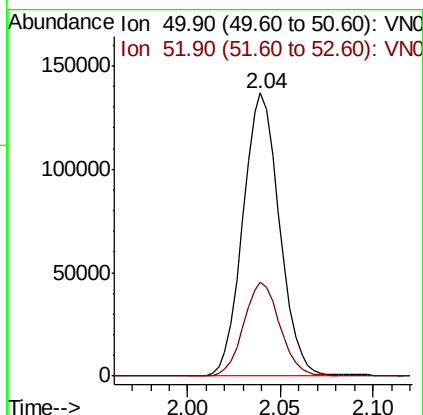
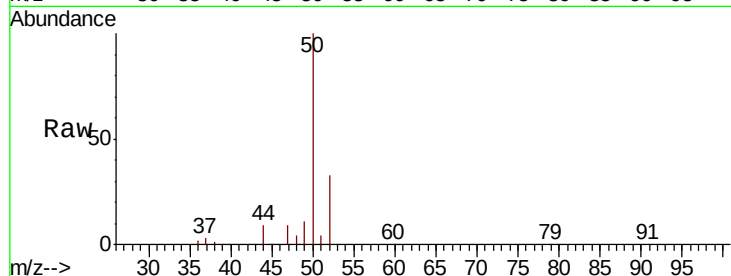




#3
Chloromethane
Concen: 43.320 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

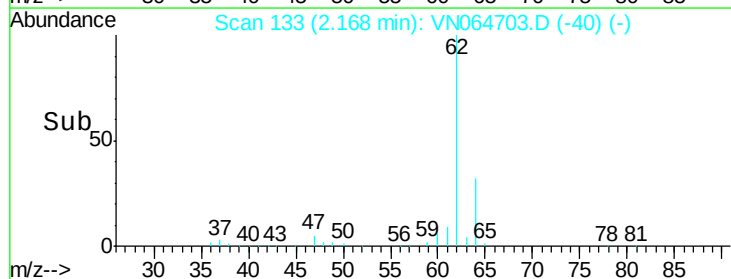
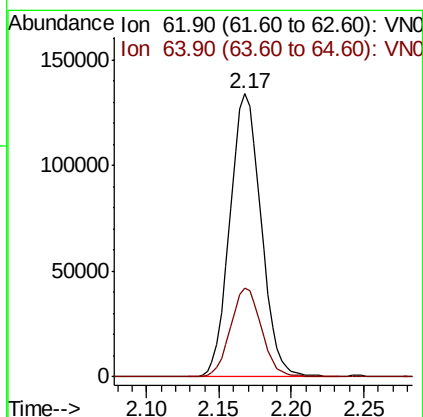
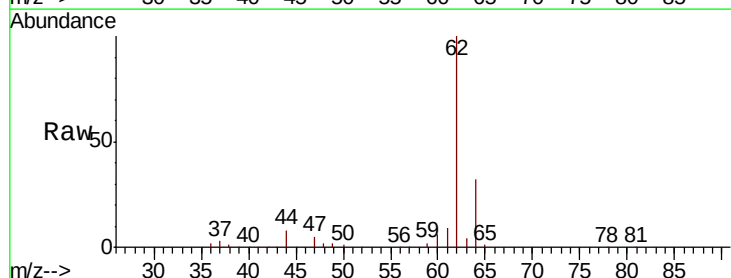
Instrument :
MSVOA_N
ClientSampleId :
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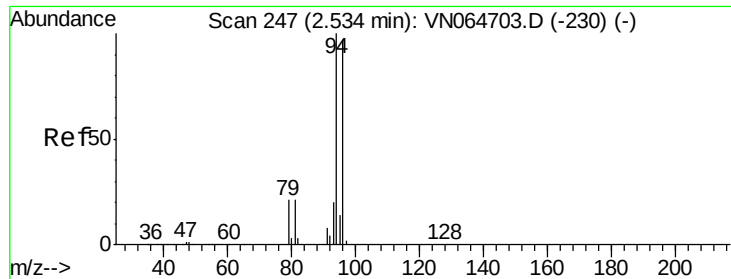
Tot Ion: 50 Resp: 188211
Ion Ratio Lower Upper
50 100
52 33.0 26.4 39.6



#4
Vinyl Chloride
Concen: 44.854 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 62 Resp: 200702
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5

Bromomethane

Concen: 50.230 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

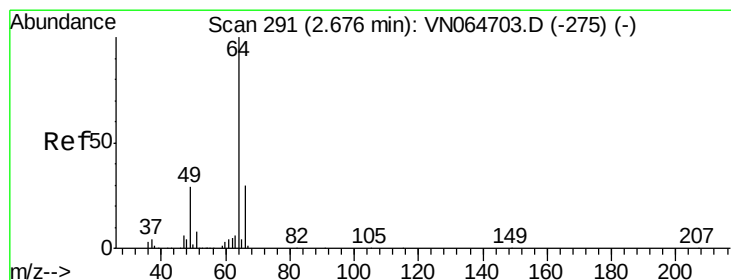
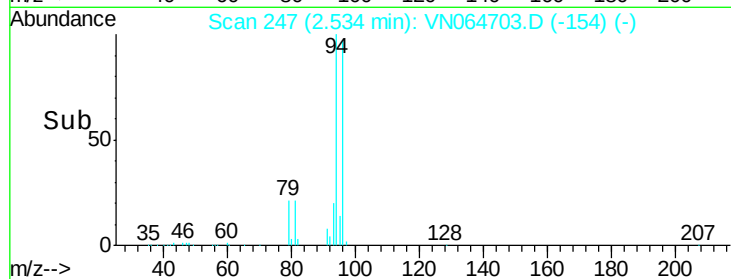
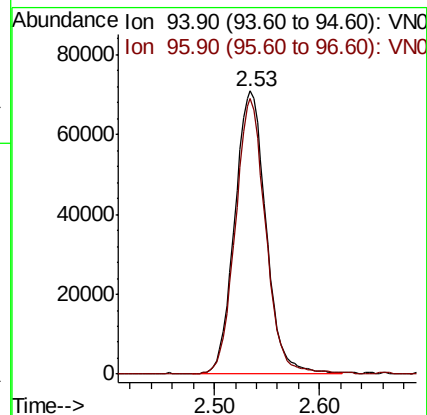
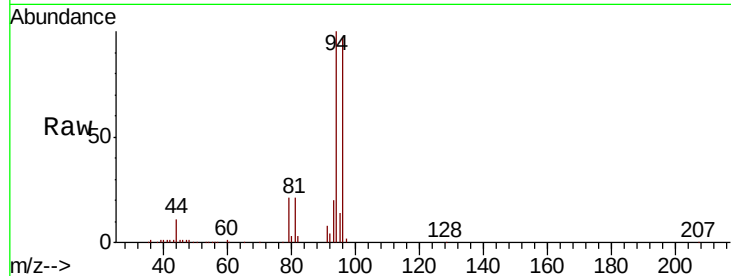
VSTDICCC050

Tot Ion: 94 Resp: 146102

Ion Ratio Lower Upper

94 100

96 97.3 77.8 116.8



#6

Chloroethane

Concen: 47.866 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064703.D

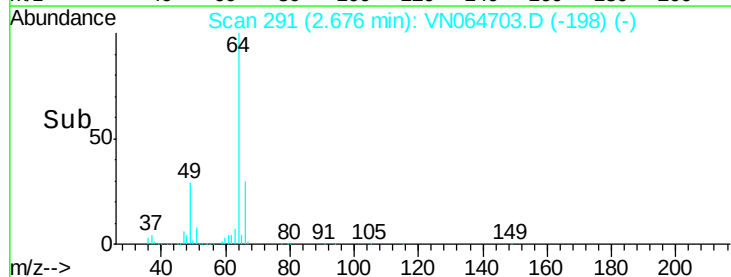
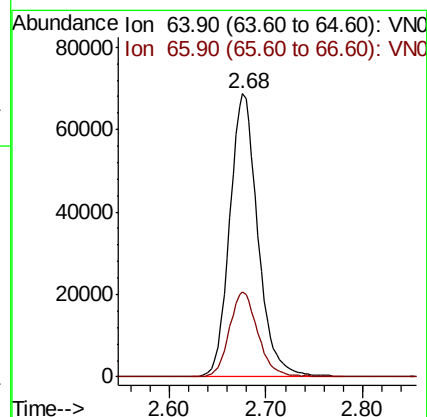
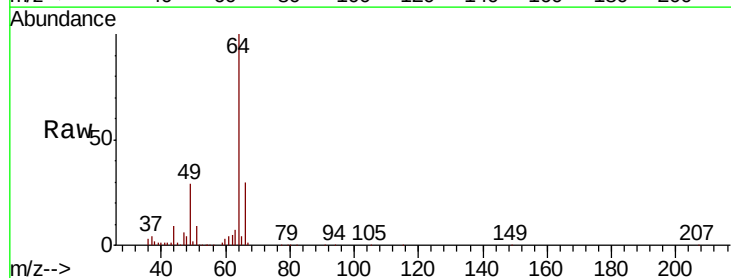
Acq: 18 Nov 2020 13:01

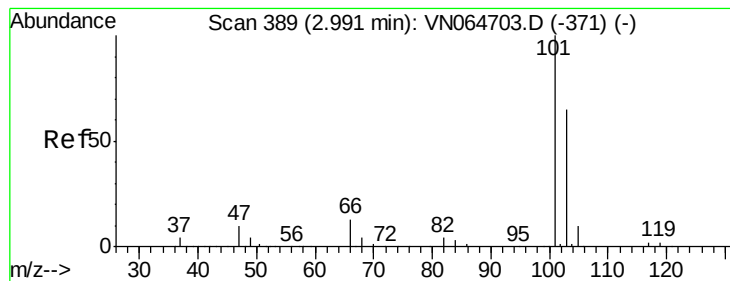
Tgt Ion: 64 Resp: 138952

Ion Ratio Lower Upper

64 100

66 30.2 24.2 36.2



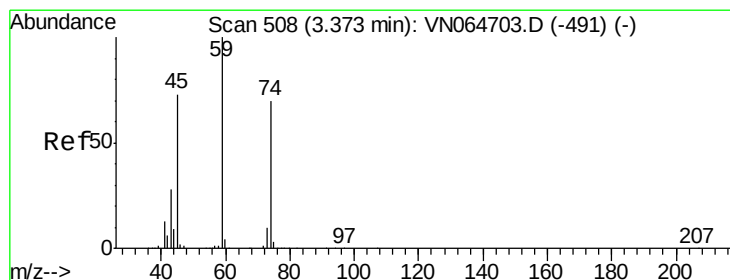
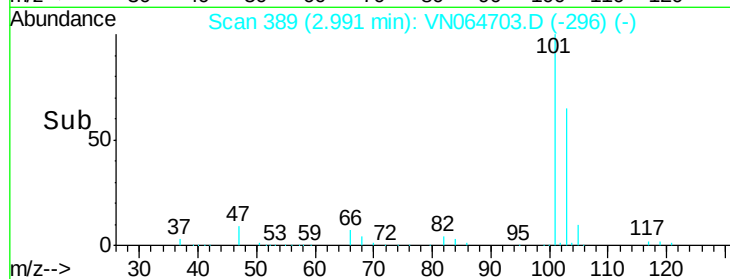
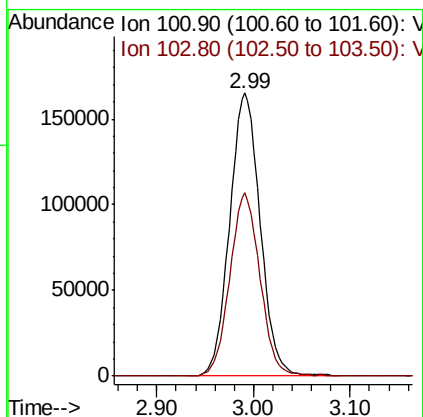
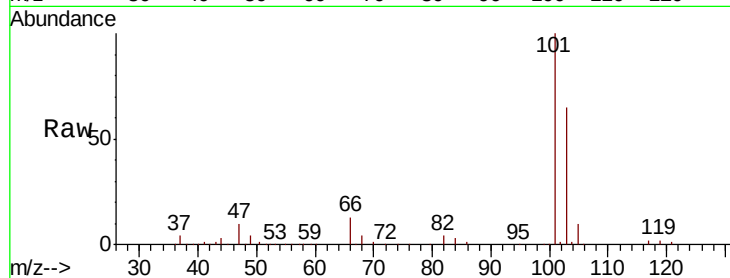


#7

Trichlorofluoromethane
 Concen: 53.173 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Instrument :
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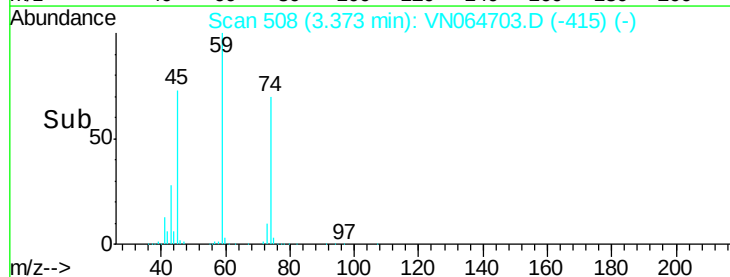
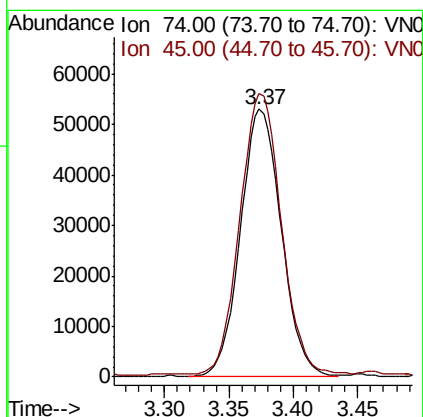
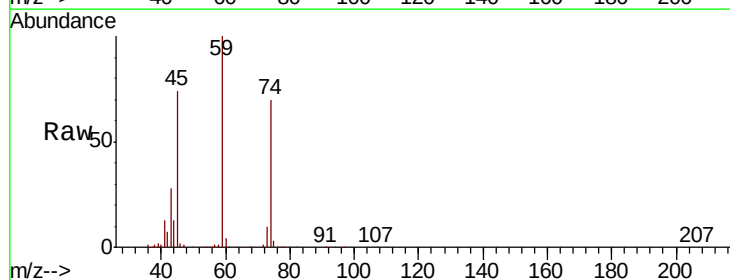
Tot Ion:101 Resp: 361564
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

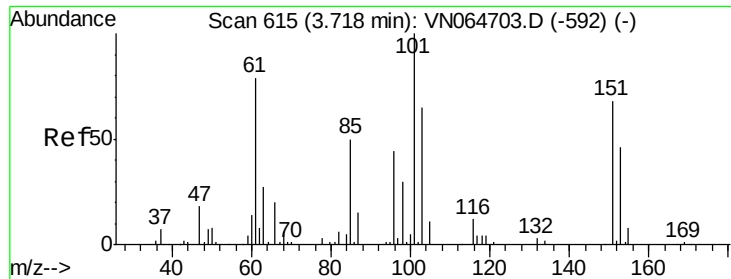


#8

Diethyl Ether
 Concen: 49.474 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 74 Resp: 117273
 Ion Ratio Lower Upper
 74 100
 45 105.7 52.8 158.5

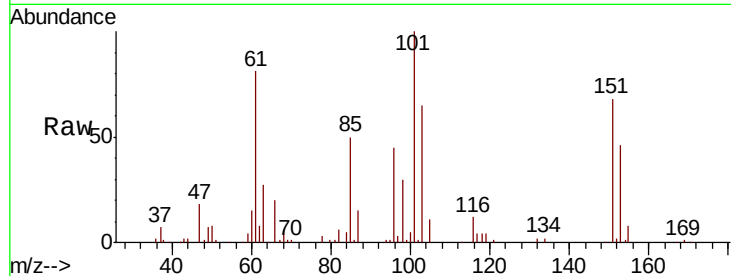




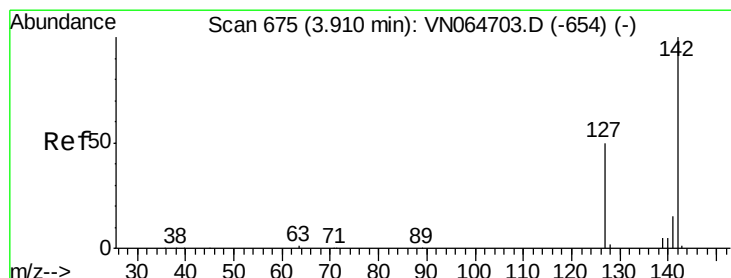
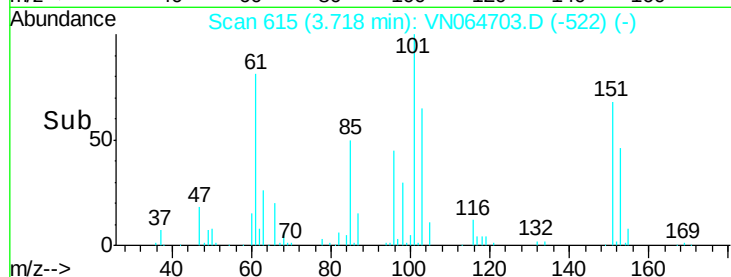
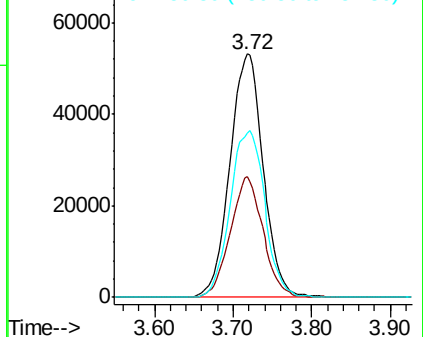
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.218 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:101 Resp: 157032
 Ion Ratio Lower Upper
 101 100
 85 48.7 39.0 58.4
 151 71.5 57.2 85.8

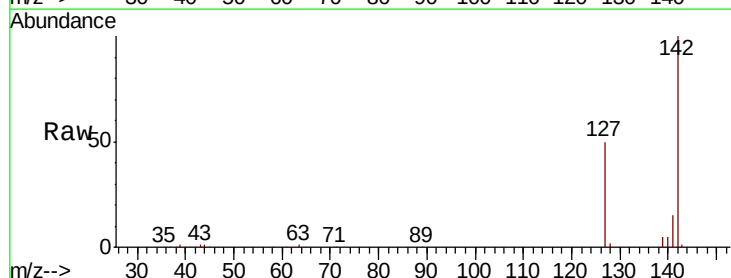


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VN
 Ion 150.80 (150.50 to 151.50): V

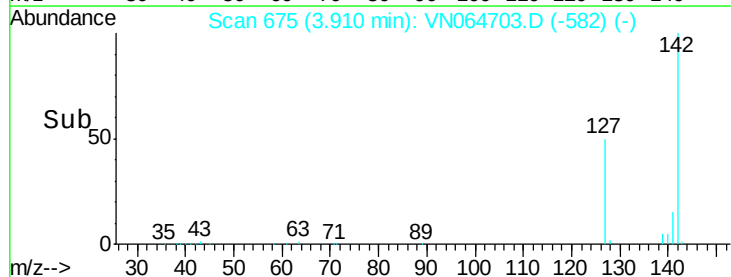
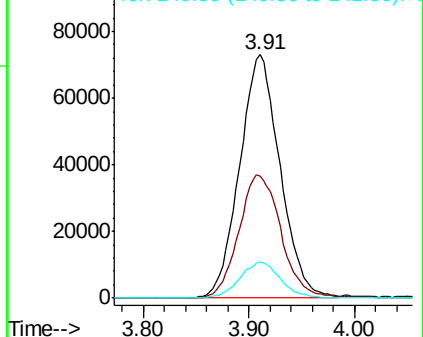


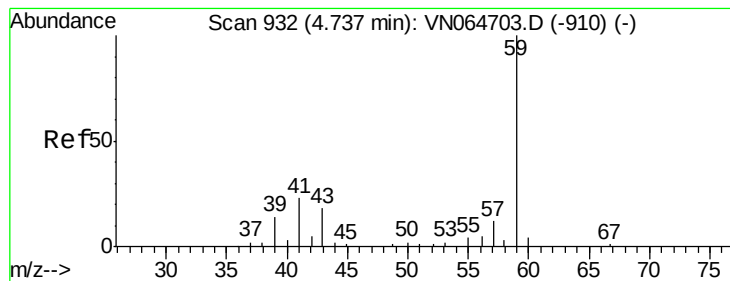
#10
 Methyl Iodide
 Concen: 52.569 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion:142 Resp: 195166
 Ion Ratio Lower Upper
 142 100
 127 52.5 42.0 63.0
 141 15.1 12.1 18.1



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



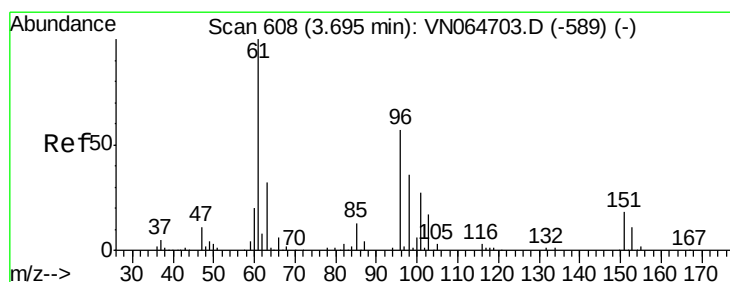
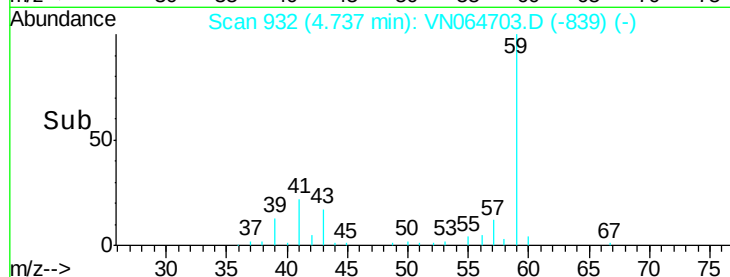
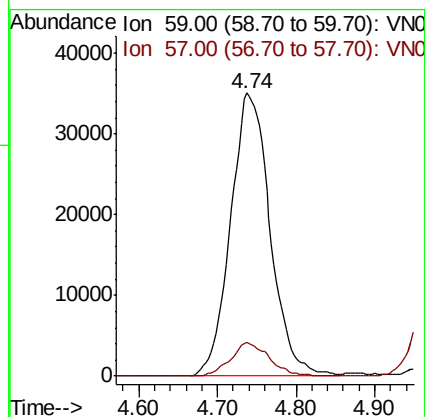
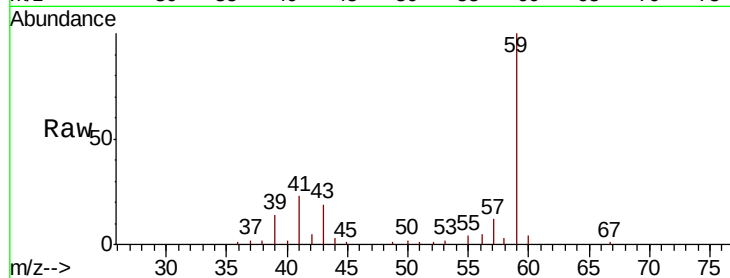


#11

Tert butyl alcohol
Concen: 234.940 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

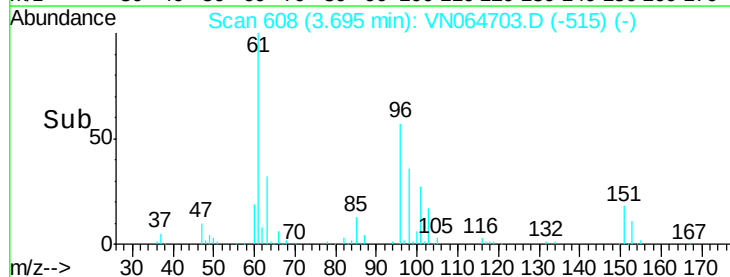
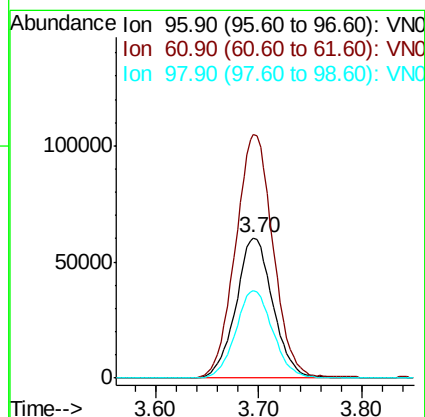
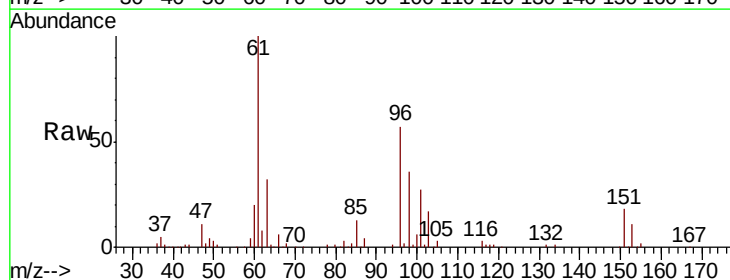
Tot Ion: 59 Resp: 123141
Ion Ratio Lower Upper
59 100
57 11.4 9.1 13.7

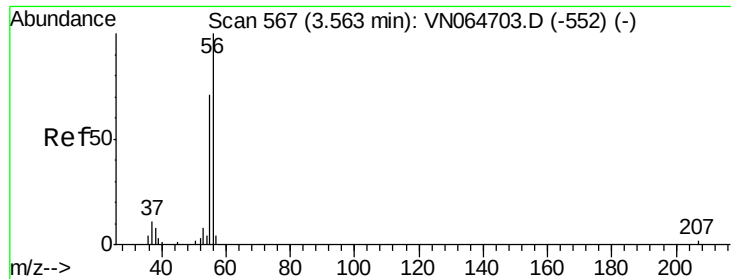


#12

1,1-Dichloroethene
Concen: 50.064 ug/l
RT: 3.70 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 96 Resp: 150301
Ion Ratio Lower Upper
96 100
61 173.9 139.1 208.7
98 62.7 50.2 75.2





#13

Acrolein

Concen: 108.181 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

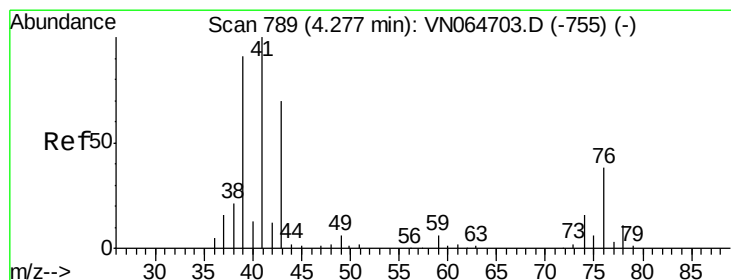
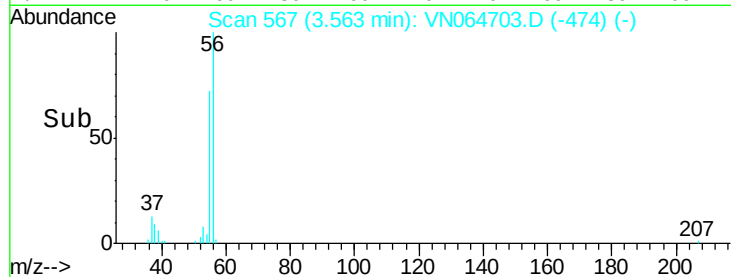
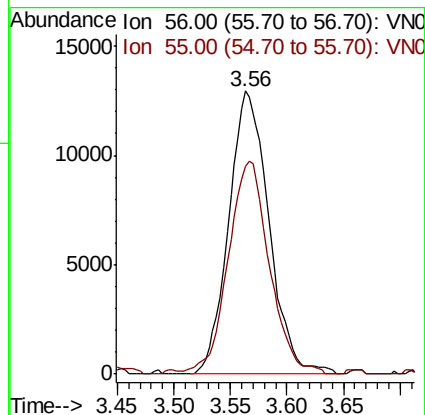
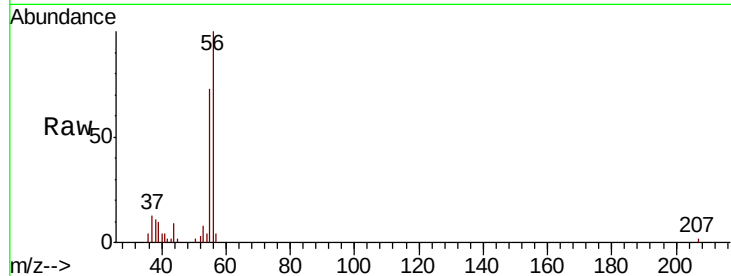
VSTDICCC050

Tot Ion: 56 Resp: 31994

Ion Ratio Lower Upper

56 100

55 77.2 61.8 92.6



#14

Allyl chloride

Concen: 46.189 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

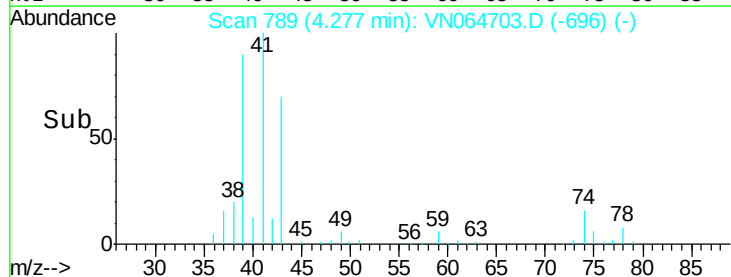
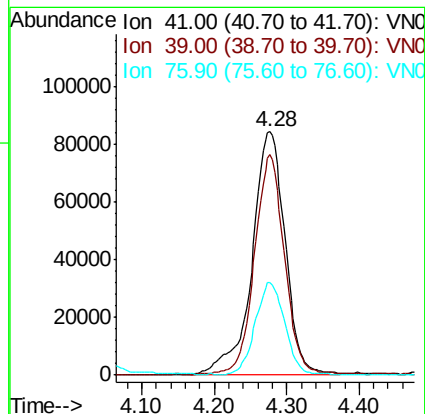
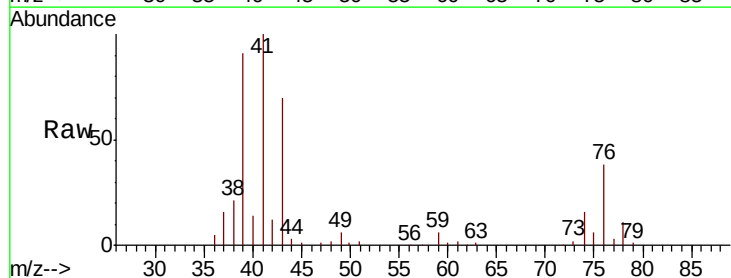
Tgt Ion: 41 Resp: 266375

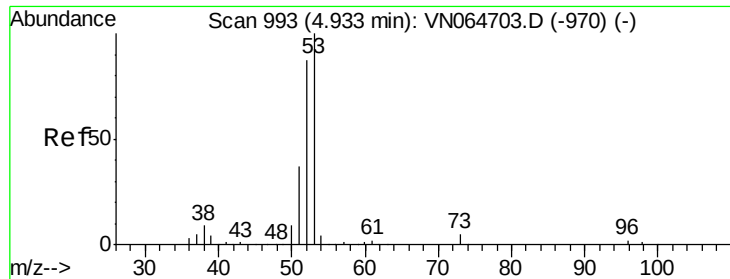
Ion Ratio Lower Upper

41 100

39 82.6 66.1 99.1

76 33.3 26.6 40.0





#15

Acrylonitrile

Concen: 248.563 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

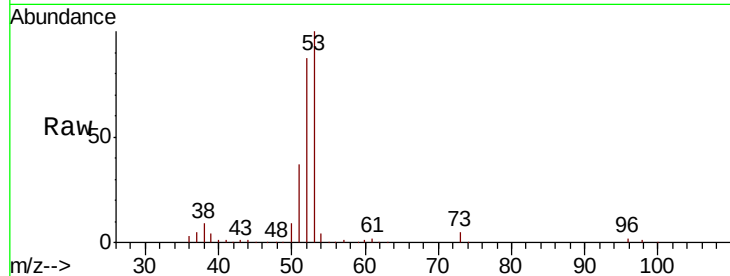
Tot Ion: 53 Resp: 366439

Ion Ratio Lower Upper

53 100

52 84.0 67.2 100.8

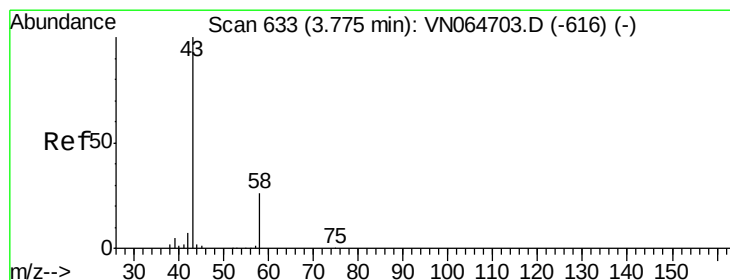
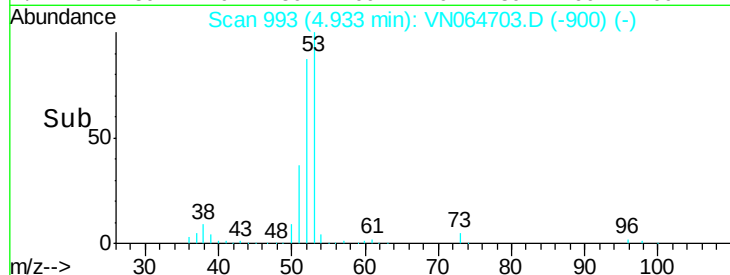
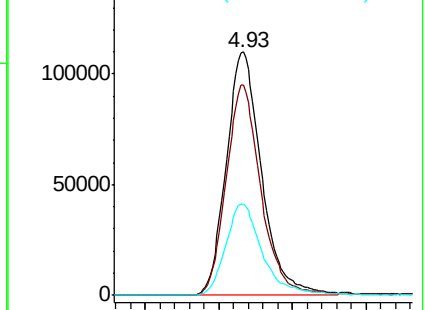
51 38.8 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VN064703.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064703.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064703.D (-970) (-)



#16

Acetone

Concen: 169.193 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064703.D

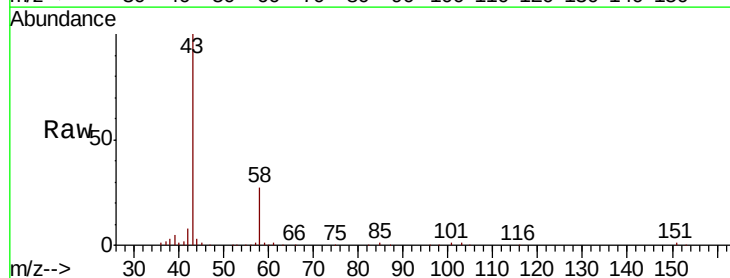
Acq: 18 Nov 2020 13:01

Tgt Ion: 43 Resp: 294709

Ion Ratio Lower Upper

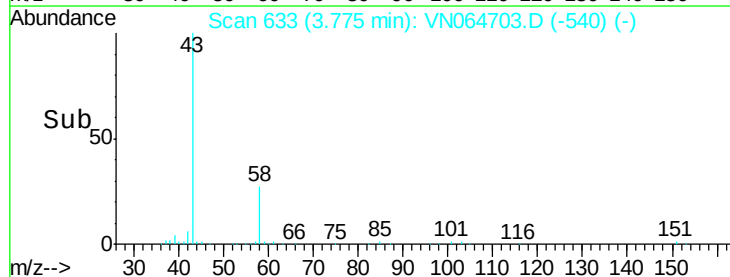
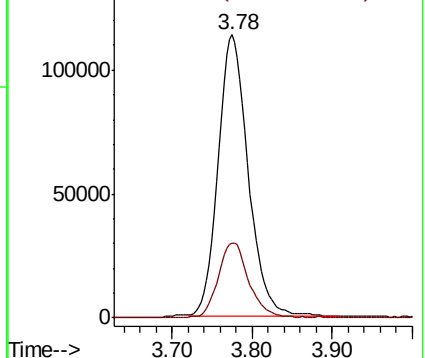
43 100

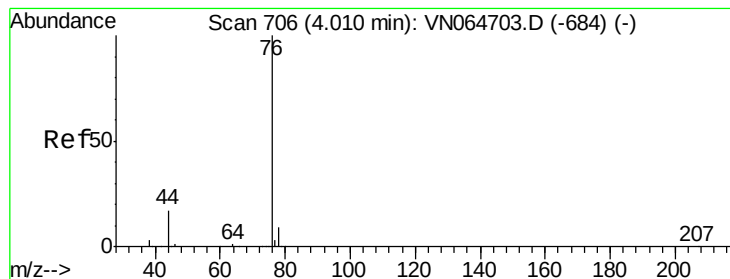
58 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN064703.D (-616) (-)





#17

Carbon Disulfide

Concen: 49.051 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

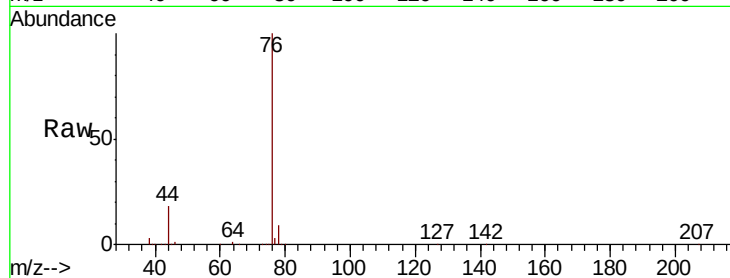
VSTDICCC050

Tot Ion: 76 Resp: 437833

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN064703.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064703.D (-684) (-)

4.01

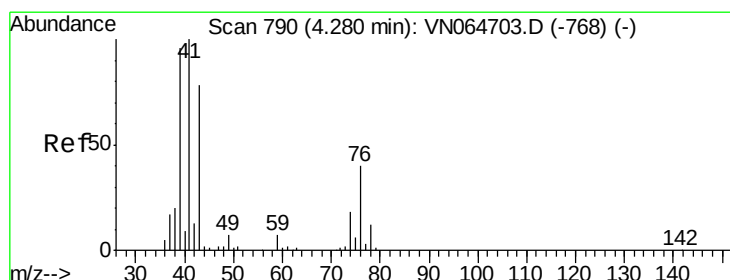
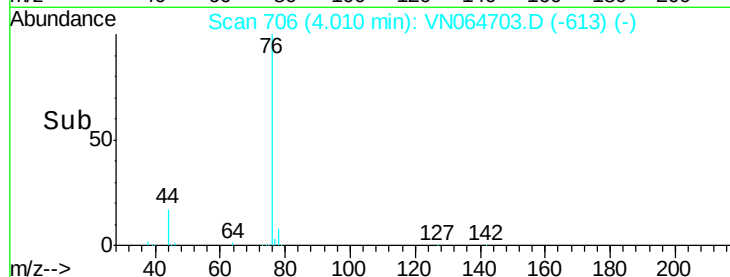
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.682 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064703.D

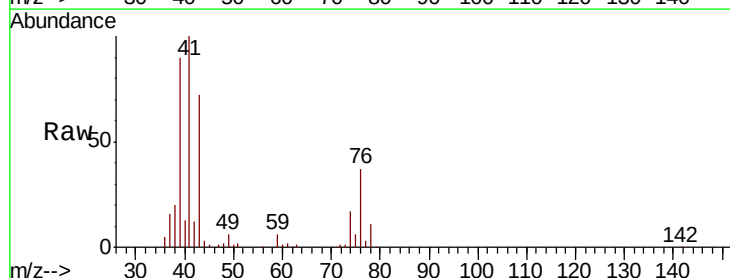
Acq: 18 Nov 2020 13:01

Tgt Ion: 43 Resp: 174370

Ion Ratio Lower Upper

43 100

74 22.0 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN064703.D (-768) (-)

4.28

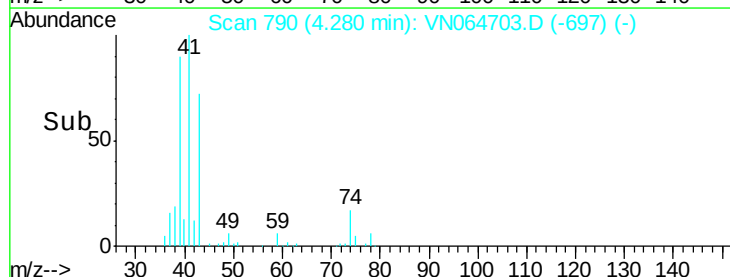
60000

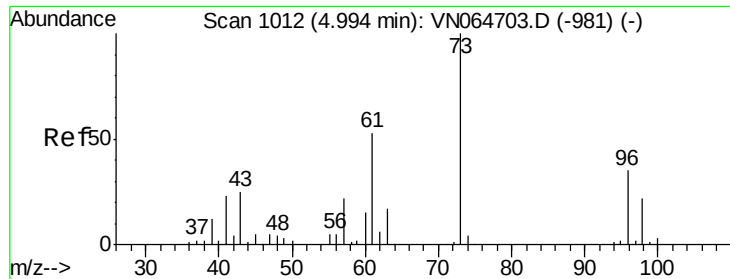
40000

20000

0

Time-->

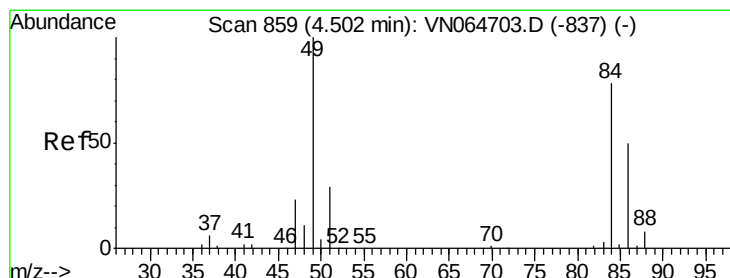
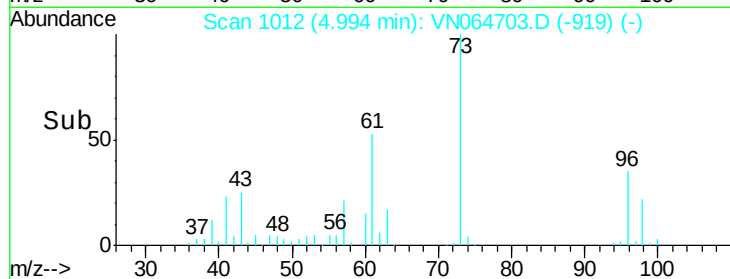
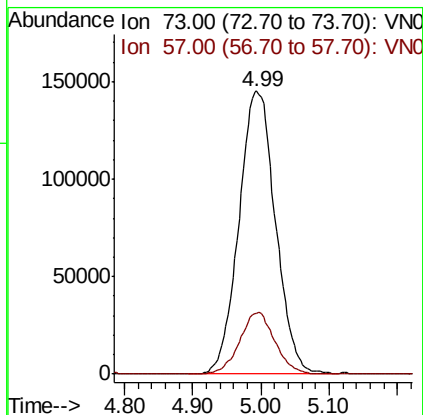
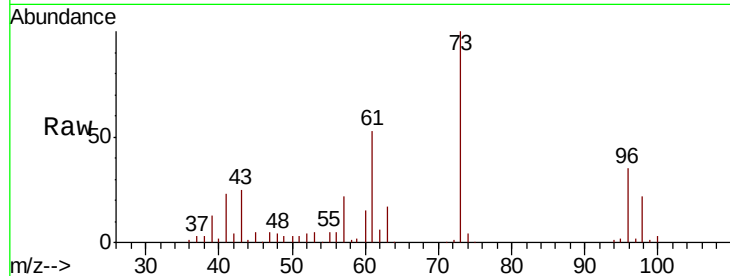




#19
Methyl tert-butyl Ether
Concen: 50.317 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

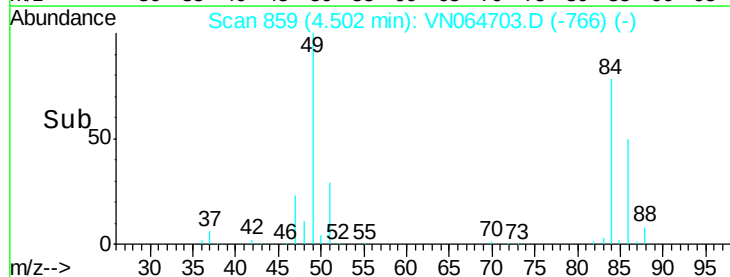
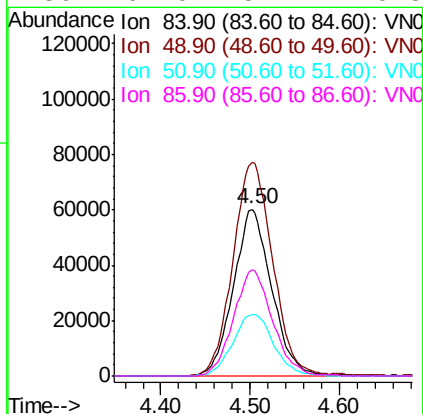
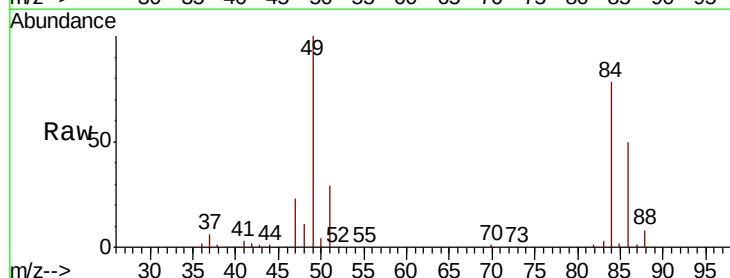
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

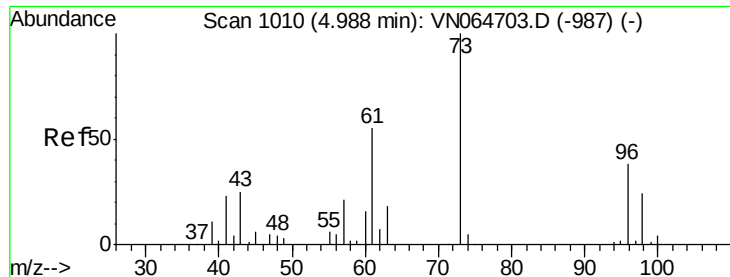
Tot Ion: 73 Resp: 540812
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 48.336 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 84 Resp: 178845
Ion Ratio Lower Upper
84 100
49 128.0 102.4 153.6
51 36.8 29.4 44.2
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.794 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

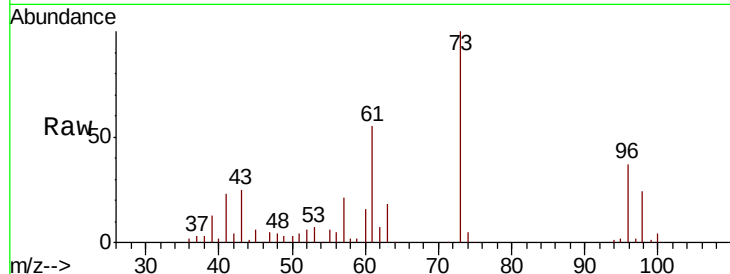
Tot Ion: 96 Resp: 169198

Ion Ratio Lower Upper

96 100

61 147.4 117.9 176.9

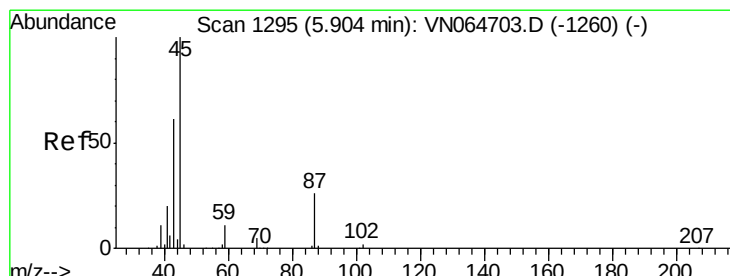
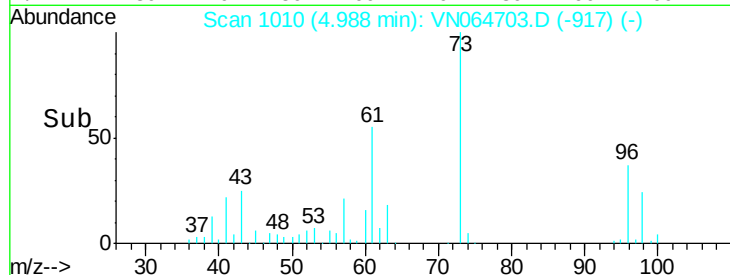
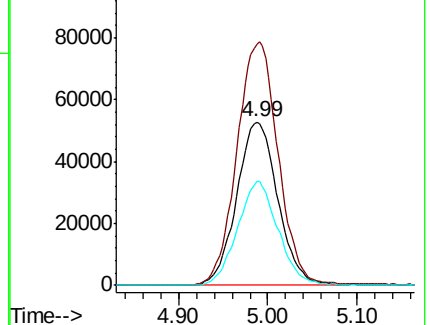
98 63.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN064703.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064703.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064703.D (-987) (-)



#22

Diisopropyl ether

Concen: 47.336 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Tgt Ion: 45 Resp: 578709

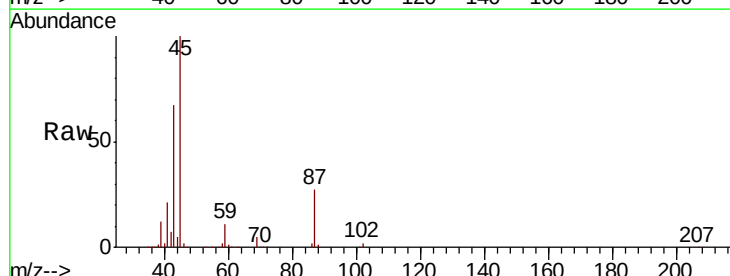
Ion Ratio Lower Upper

45 100

43 65.4 52.3 78.5

87 27.0 21.6 32.4

59 10.9 8.7 13.1

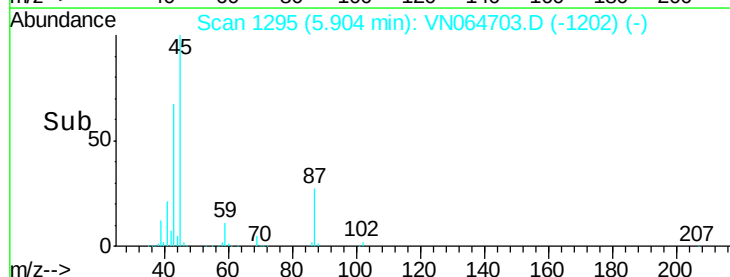
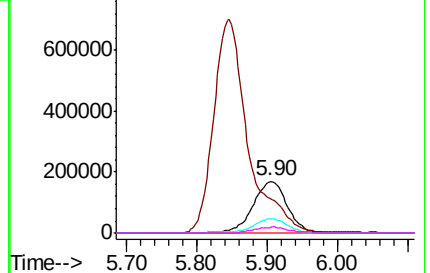


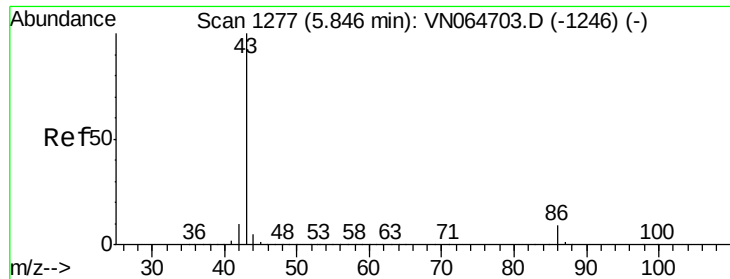
Abundance Ion 45.00 (44.70 to 45.70): VN064703.D (-1260) (-)

Ion 43.00 (42.70 to 43.70): VN064703.D (-1260) (-)

Ion 87.00 (86.70 to 87.70): VN064703.D (-1260) (-)

Ion 59.00 (58.70 to 59.70): VN064703.D (-1260) (-)





#23

Vinyl Acetate

Concen: 241.100 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

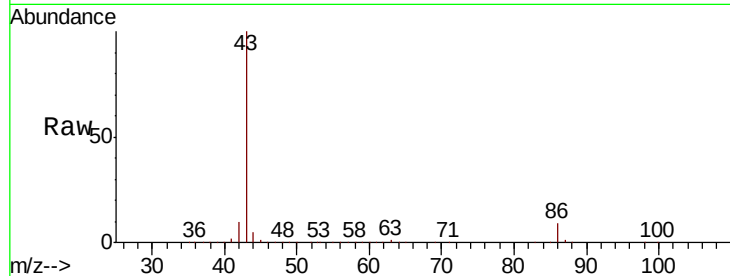
VSTDICCC050

Tot Ion: 43 Resp: 2387602

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN064703.D (-1246) (-)

5.85

800000

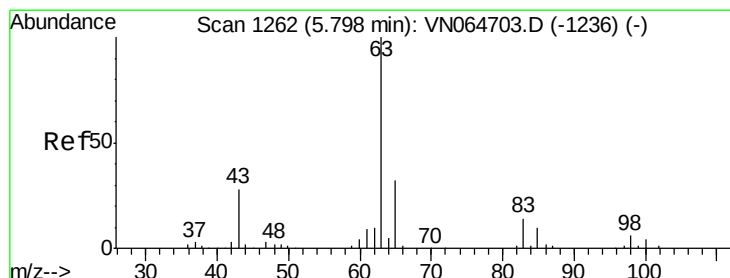
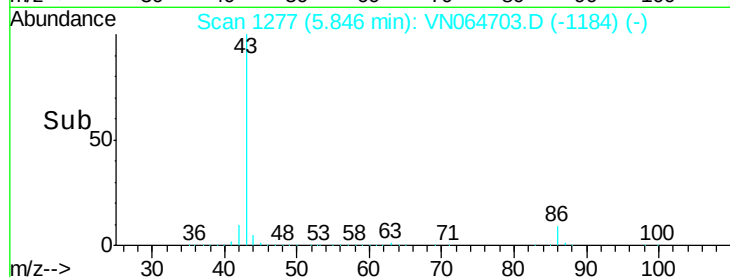
600000

400000

200000

0

Time--> 5.60 5.80 6.00



#24

1,1-Dichloroethane

Concen: 48.273 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

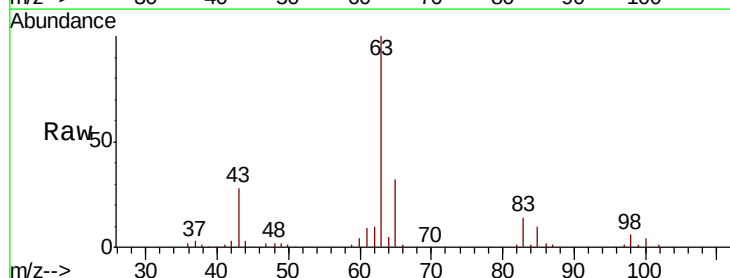
Tgt Ion: 63 Resp: 327432

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064703.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN064703.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN064703.D (-1236) (-)

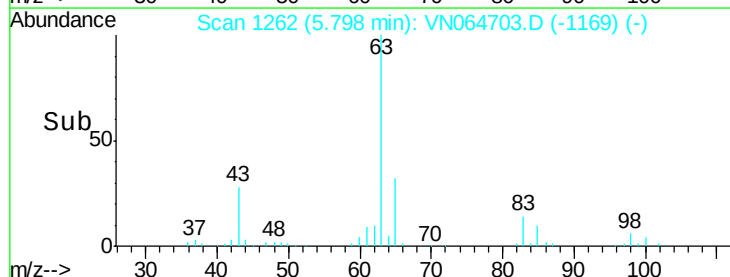
5.80

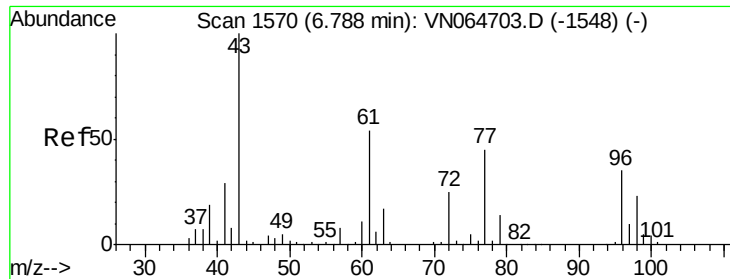
100000

50000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 218.834 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

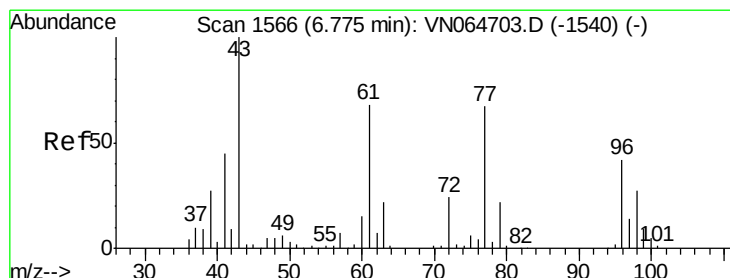
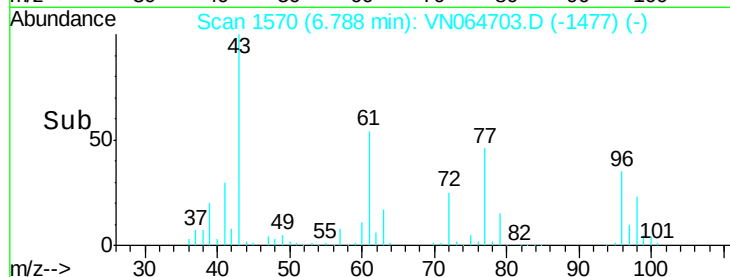
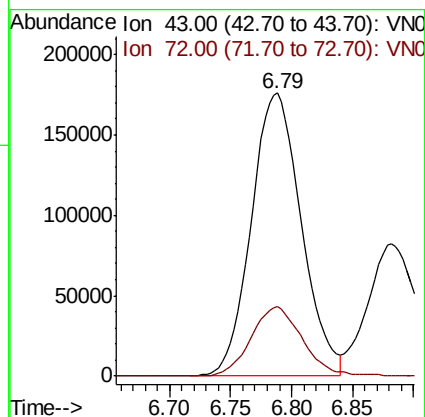
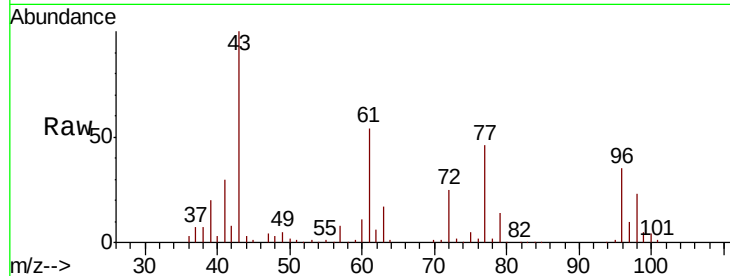
VSTDICCC050

Tot Ion: 43 Resp: 499186

Ion Ratio Lower Upper

43 100

72 24.6 19.7 29.5



#26

2,2-Dichloropropane

Concen: 50.813 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064703.D

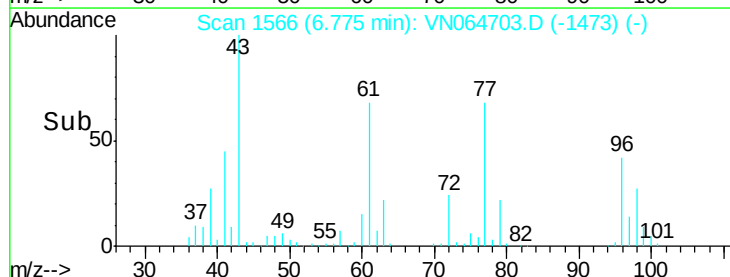
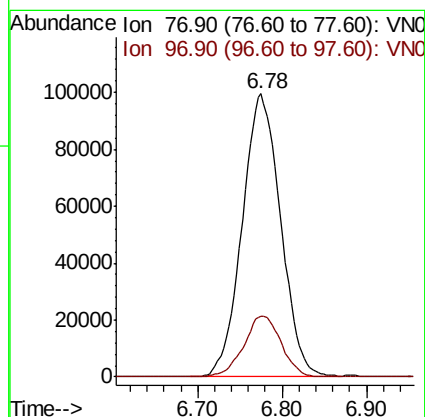
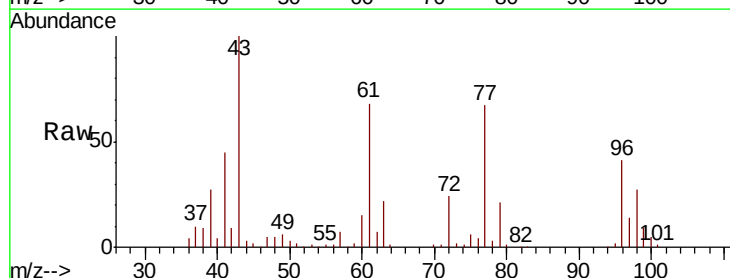
Acq: 18 Nov 2020 13:01

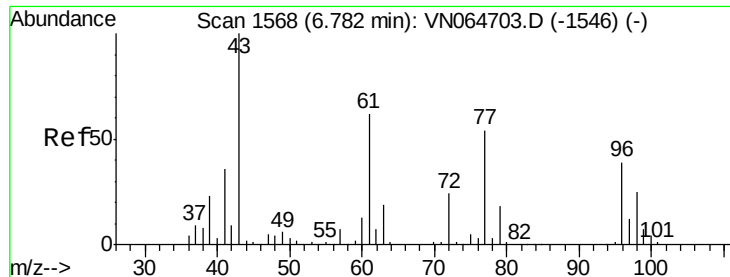
Tgt Ion: 77 Resp: 315356

Ion Ratio Lower Upper

77 100

97 21.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 48.829 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

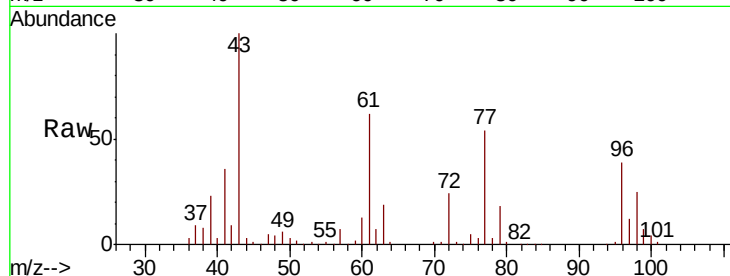
Tot Ion: 96 Resp: 191444

Ion Ratio Lower Upper

96 100

61 161.3 0.0 322.6

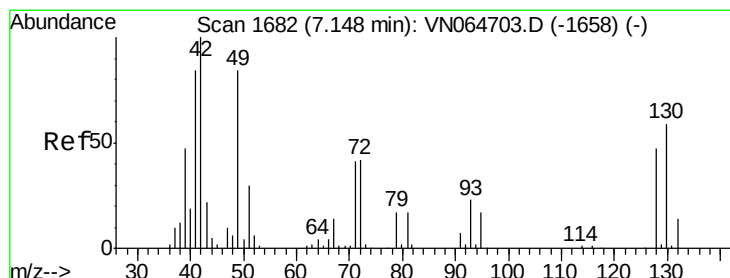
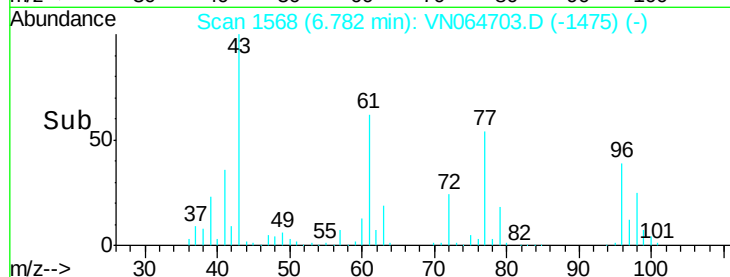
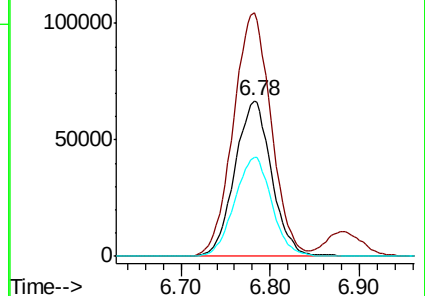
98 64.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064703.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064703.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064703.D (-1546) (-)



#28

Bromochloromethane

Concen: 46.048 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

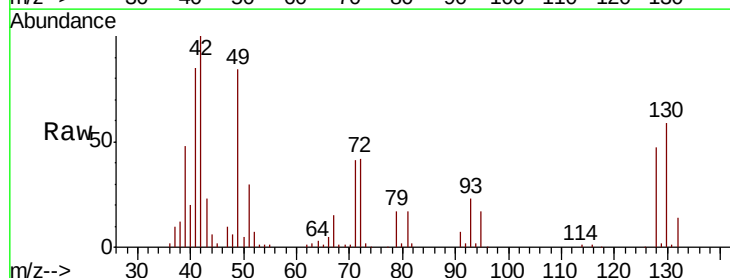
Tgt Ion: 49 Resp: 157875

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

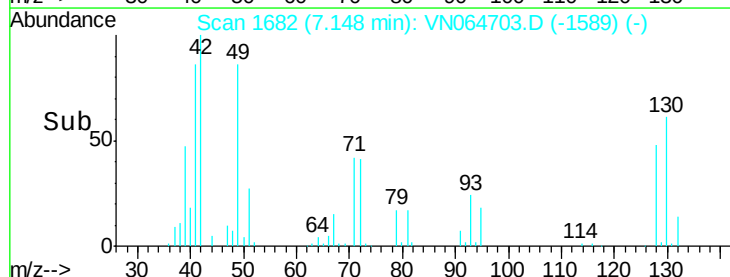
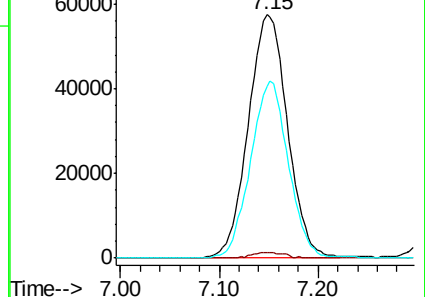
130 70.3 56.2 84.4

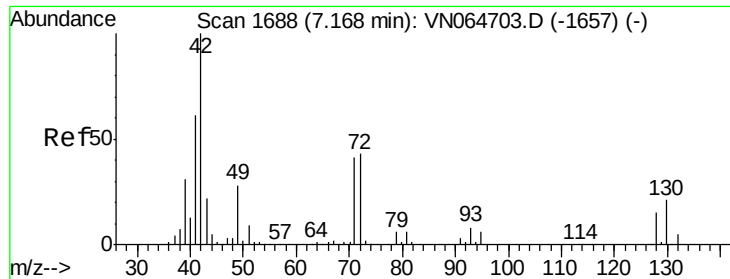


Abundance Ion 48.90 (48.60 to 49.60): VN064703.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN064703.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN064703.D (-1658) (-)





#29

Tetrahydrofuran

Concen: 241.137 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

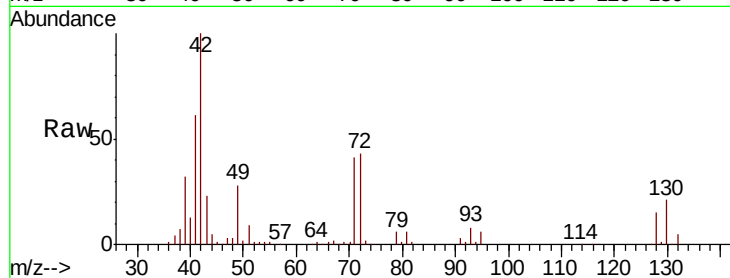
Tot Ion: 42 Resp: 344938

Ion Ratio Lower Upper

42 100

72 41.2 33.0 49.4

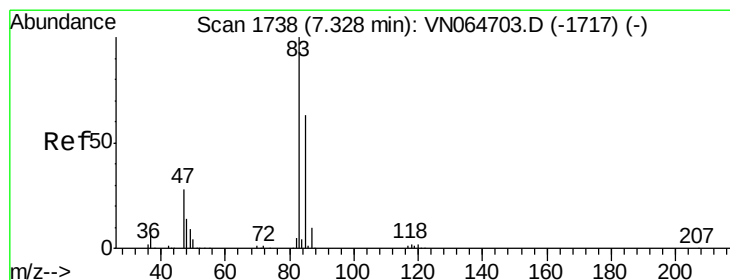
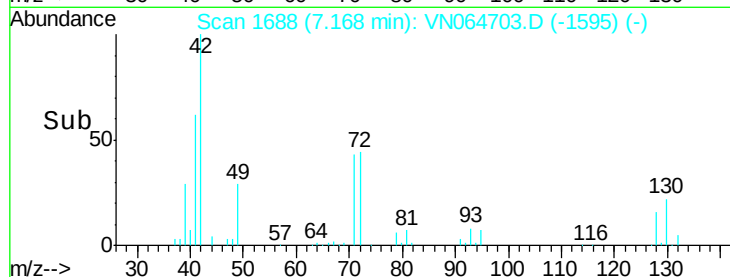
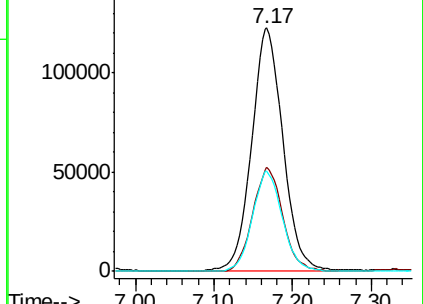
71 39.7 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.818 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064703.D

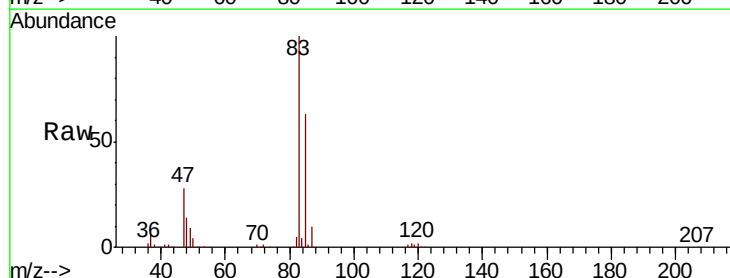
Acq: 18 Nov 2020 13:01

Tgt Ion: 83 Resp: 357069

Ion Ratio Lower Upper

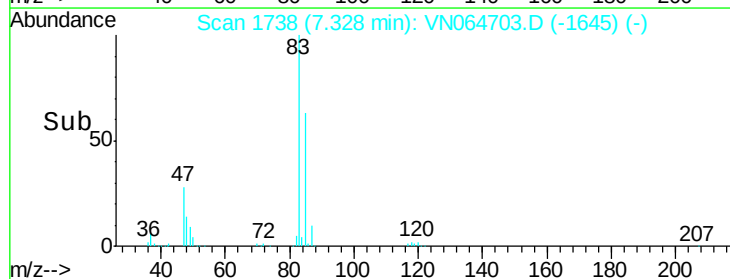
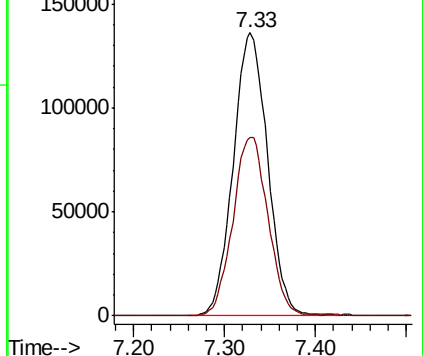
83 100

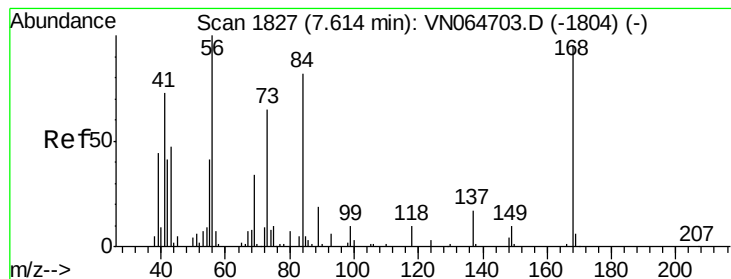
85 63.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 44.586 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

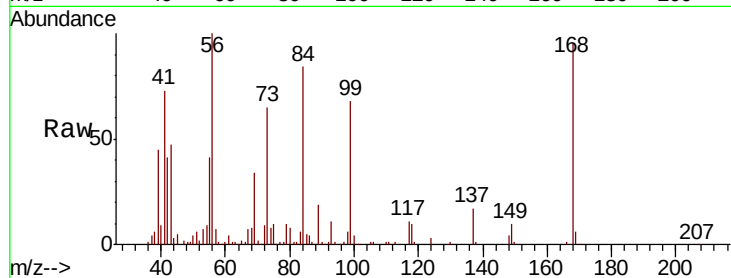
Tot Ion: 56 Resp: 258692

Ion Ratio Lower Upper

56 100

69 34.0 27.2 40.8

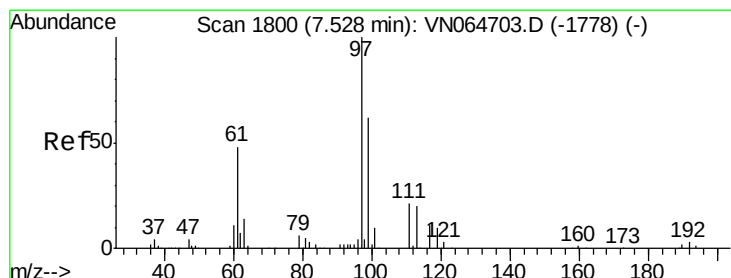
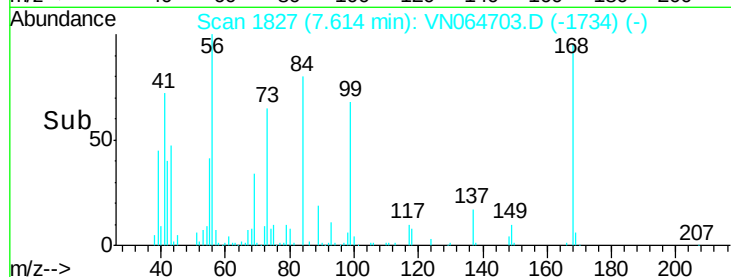
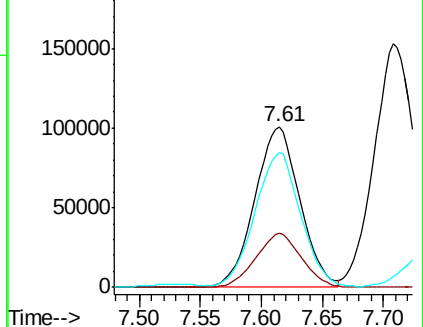
84 82.4 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VN064703.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN064703.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN064703.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 50.405 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

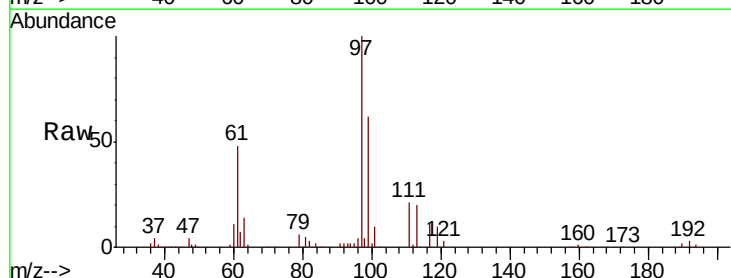
Tgt Ion: 97 Resp: 321886

Ion Ratio Lower Upper

97 100

99 63.3 50.6 76.0

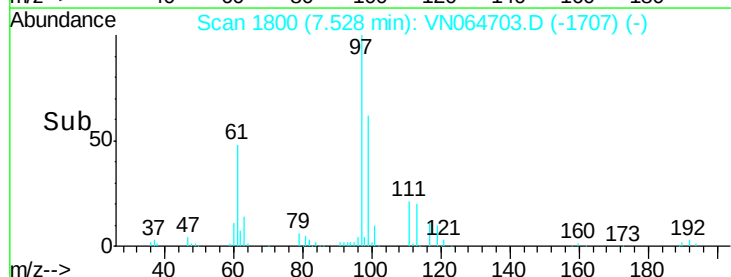
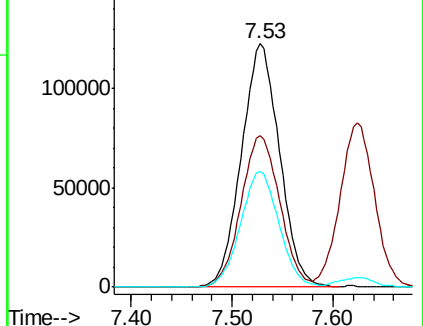
61 47.9 38.3 57.5

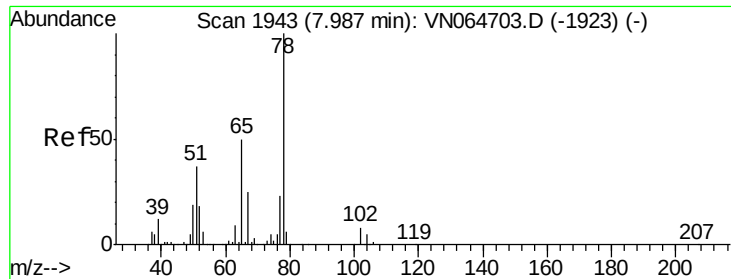


Abundance Ion 96.90 (96.60 to 97.60): VN064703.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN064703.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN064703.D (-1778) (-)

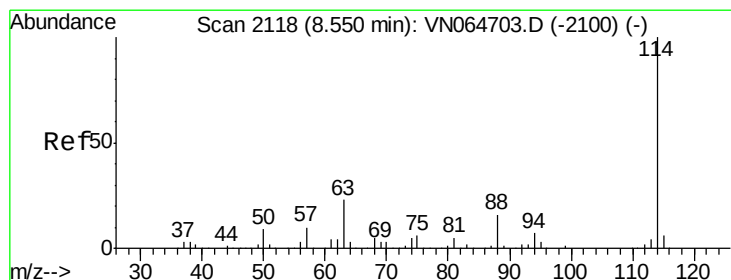
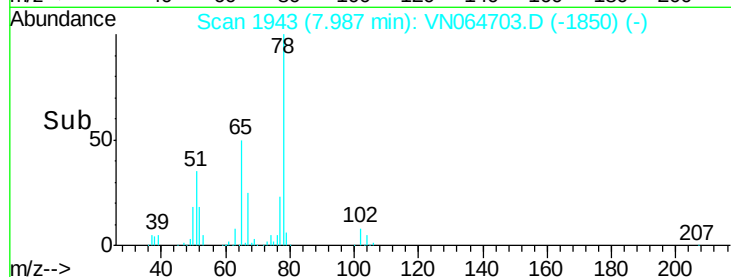
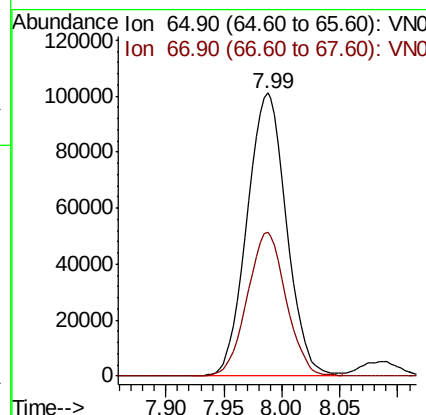
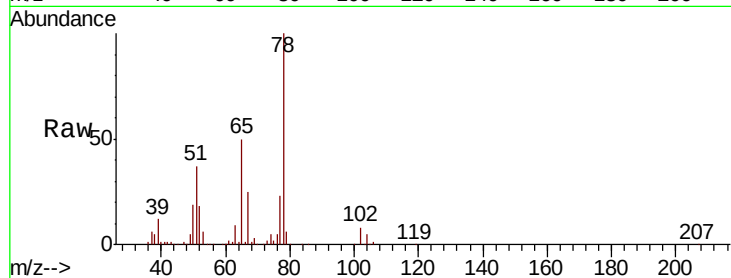




#33
 1,2-Dichloroethane-d4
 Concen: 48.410 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

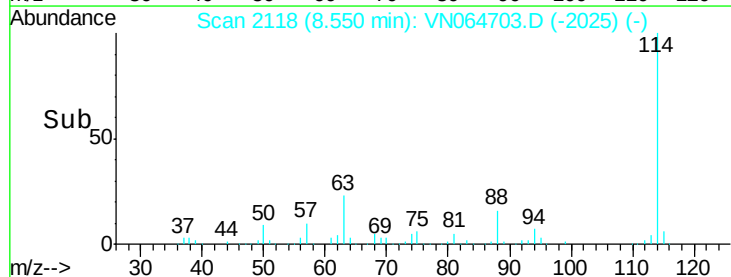
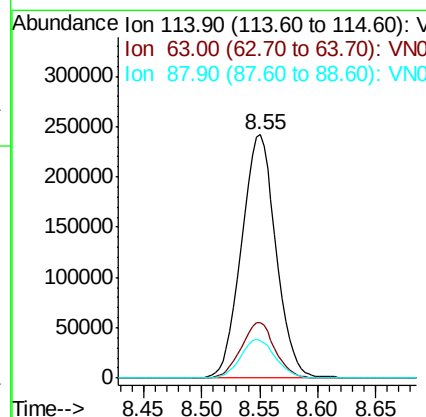
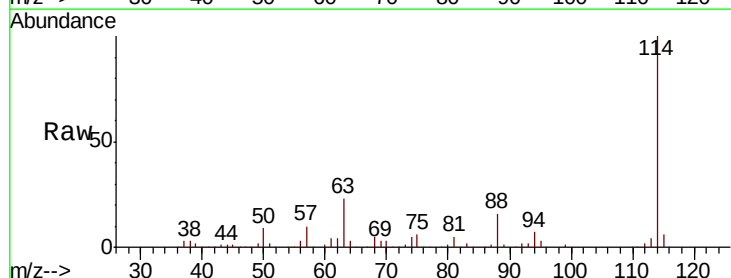
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

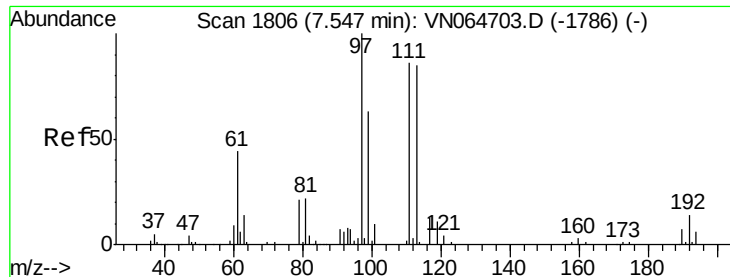
Tot Ion: 65 Resp: 239580
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 114 Resp: 499078
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 15.6 0.0 31.2

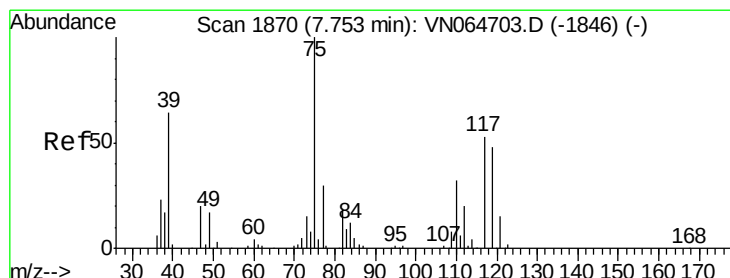
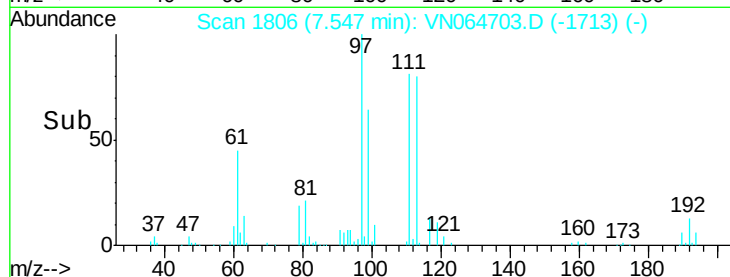
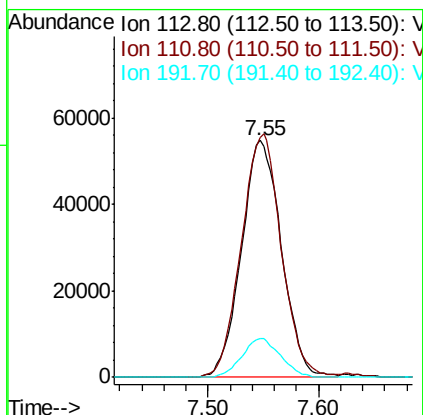
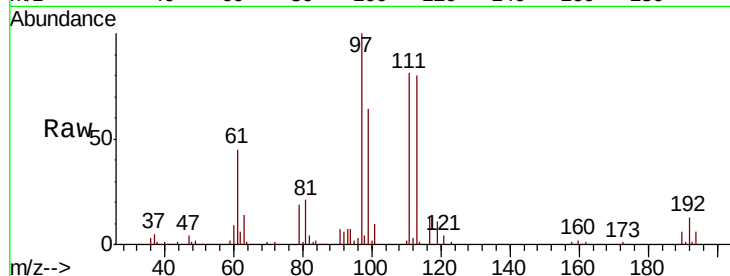




#35
 Dibromofluoromethane
 Concen: 41.722 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

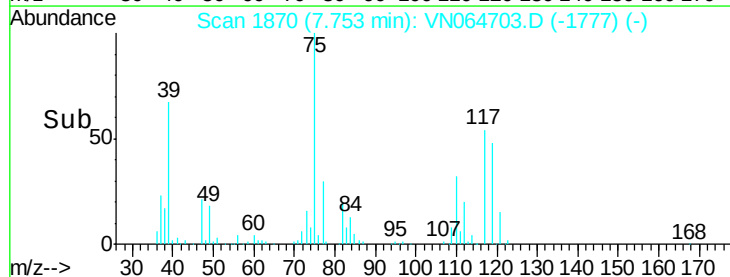
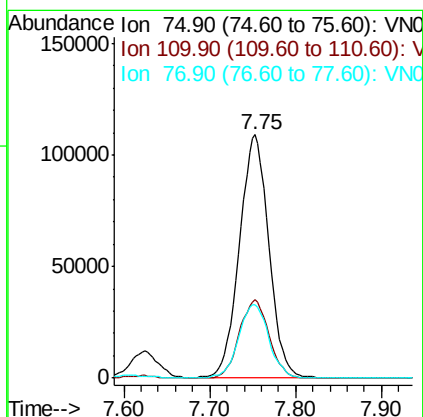
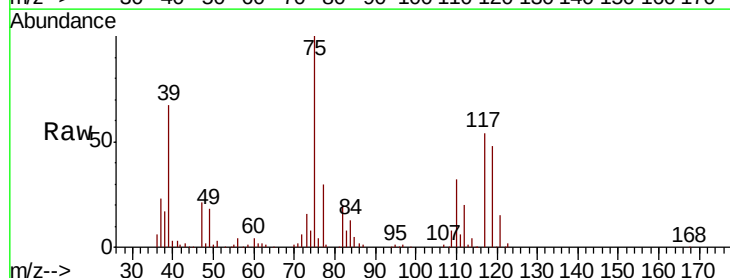
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

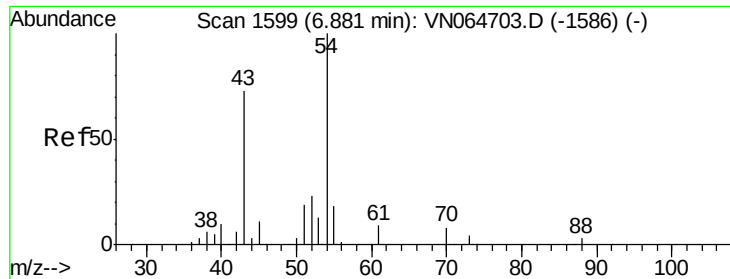
Tot Ion:113 Resp: 137484
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 15.9 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 49.986 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 75 Resp: 258921
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.2 48.6
 77 30.5 24.4 36.6

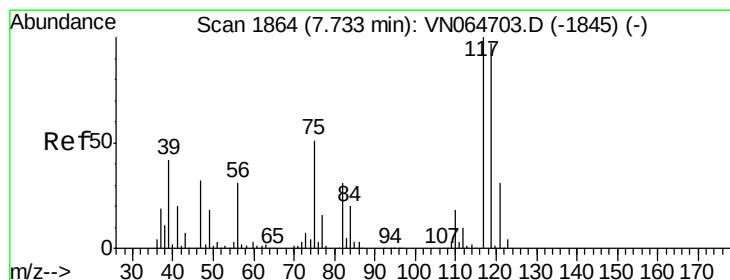
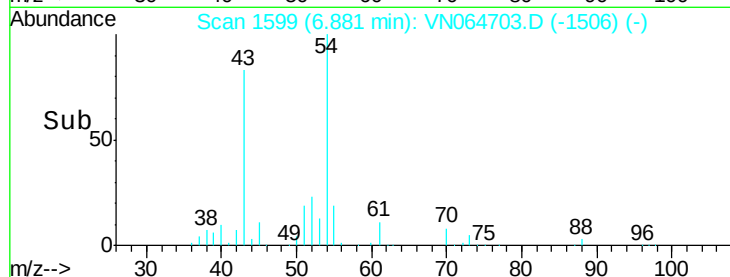
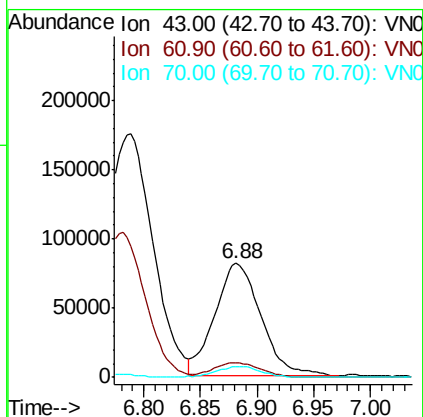
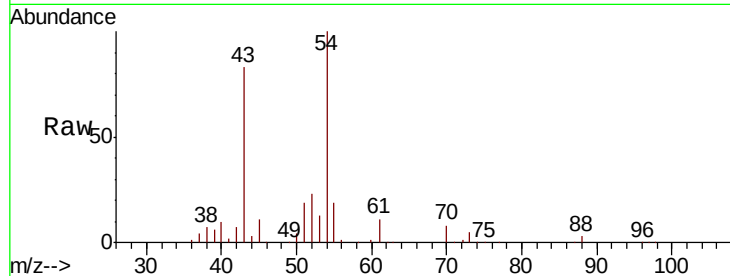




#37
Ethyl Acetate
Concen: 50.708 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

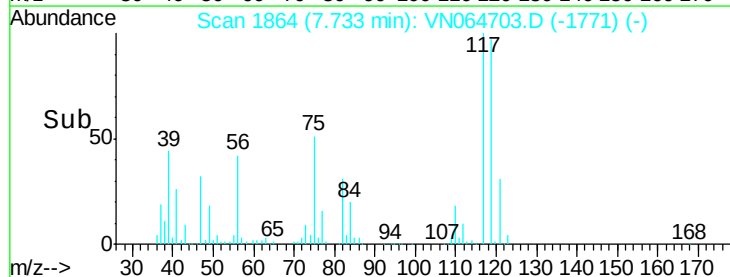
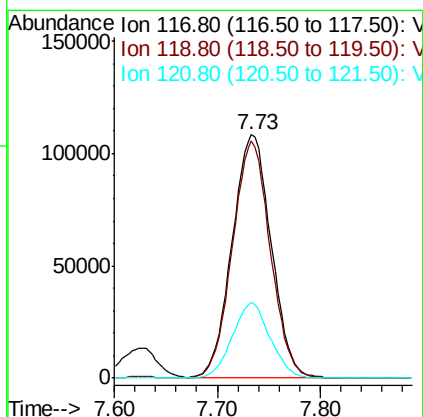
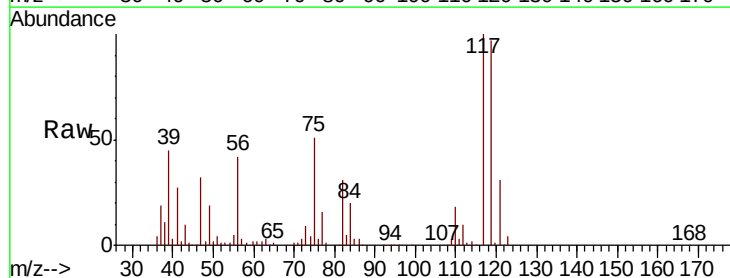
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

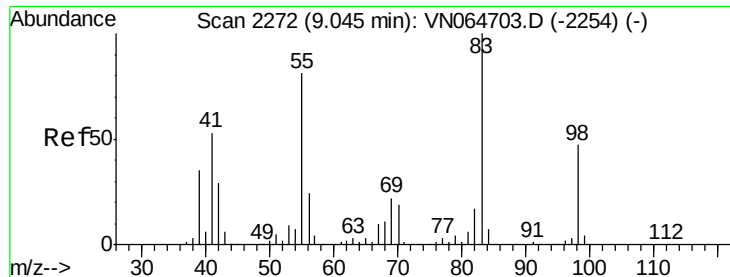
Tot Ion: 43 Resp: 231046
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.076 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 117 Resp: 284837
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 31.1 24.9 37.3

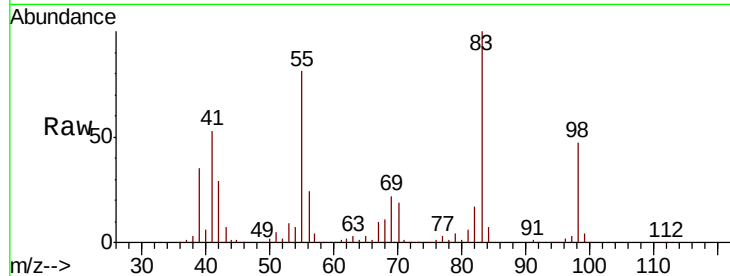




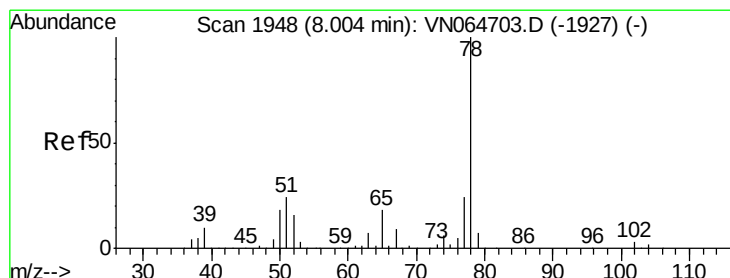
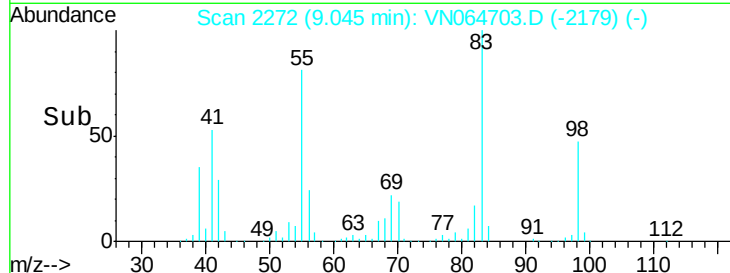
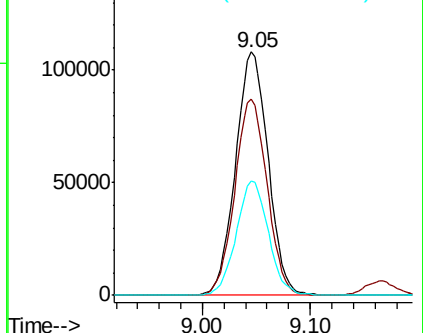
#39
Methylvlcyclohexane
Concen: 49.298 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 227875
Ion Ratio Lower Upper
83 100
55 80.8 64.6 97.0
98 47.1 37.7 56.5

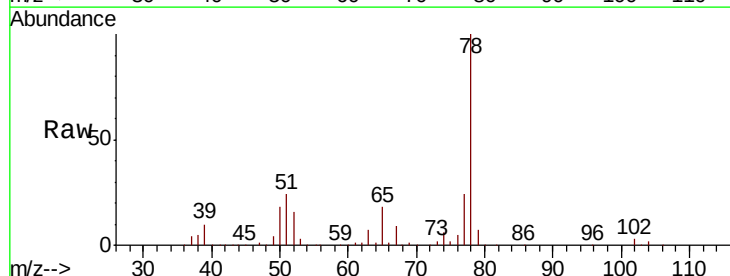


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

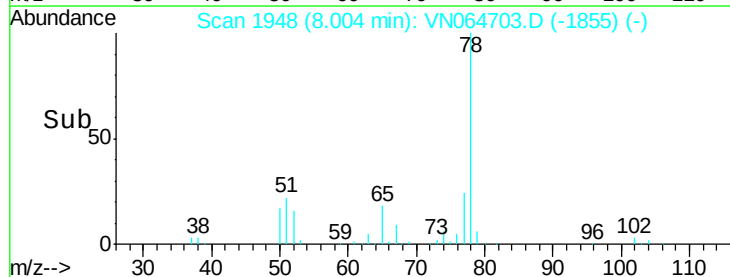
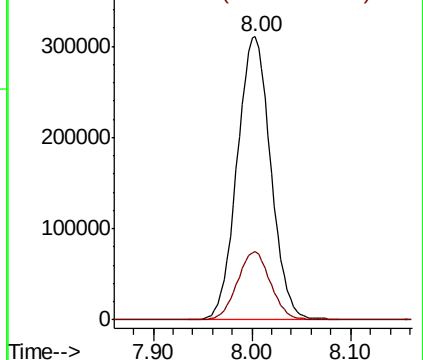


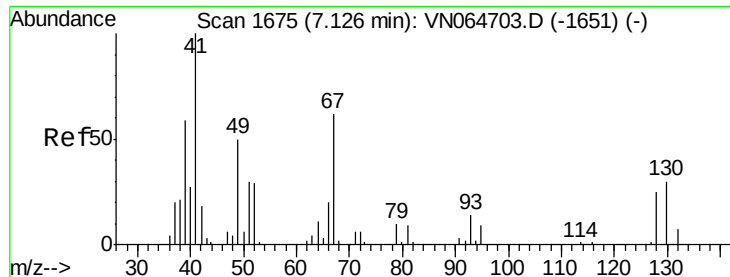
#40
Benzene
Concen: 48.232 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 78 Resp: 732928
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

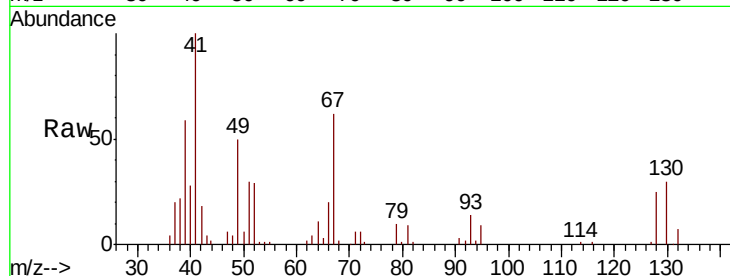




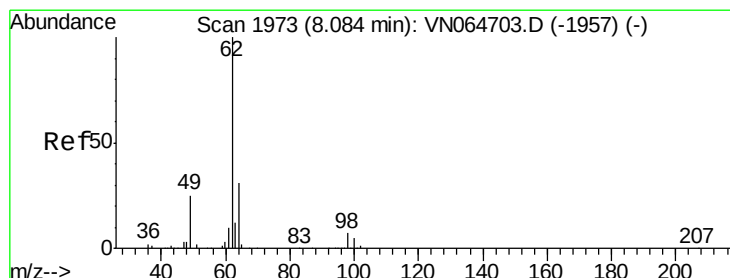
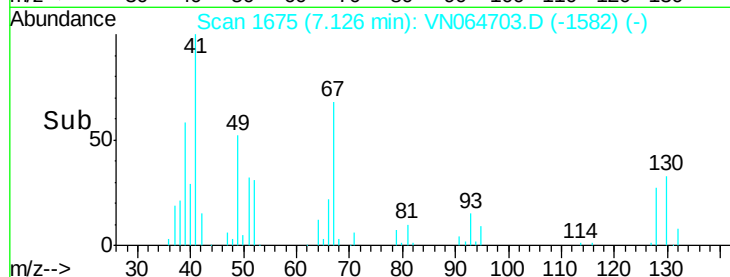
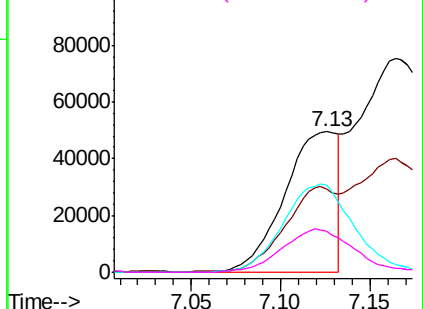
#41
Methacrylonitrile
Concen: 44.615 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	102801
Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.0	69.0
67	83.7	67.0	100.4
52	39.6	31.7	47.5

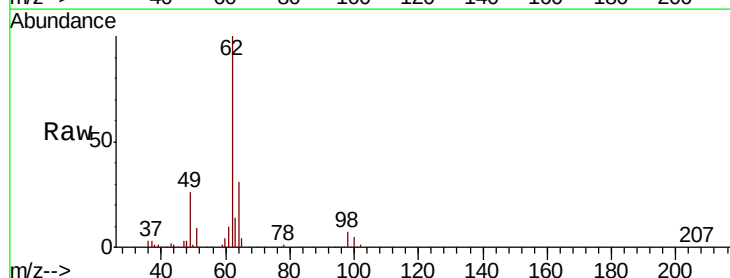


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

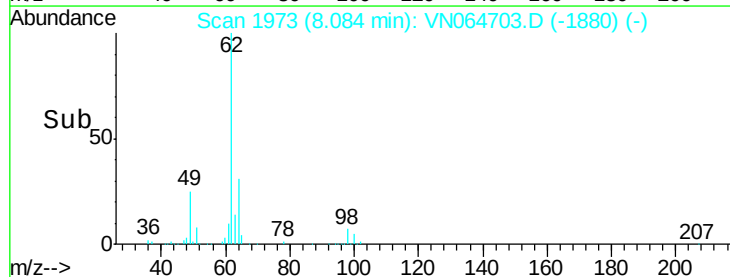
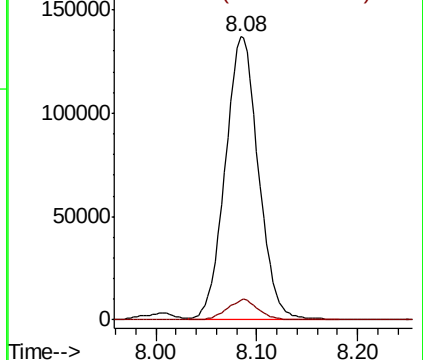


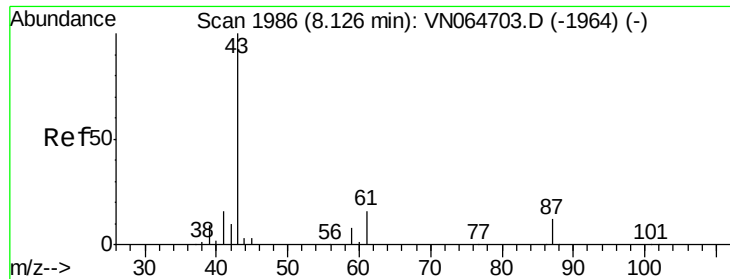
#42
1,2-Dichloroethane
Concen: 50.643 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion:	62	Resp:	312672
Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	13.6



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





#43

Isopropyl Acetate

Concen: 49.850 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

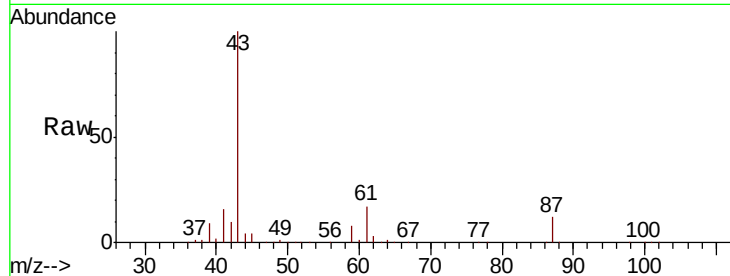
Tot Ion: 43 Resp: 417085

Ion Ratio Lower Upper

43 100

61 17.6 14.1 21.1

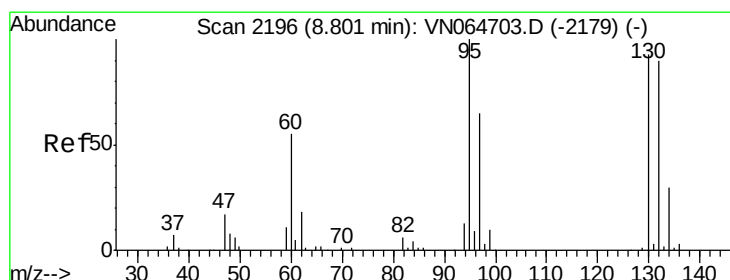
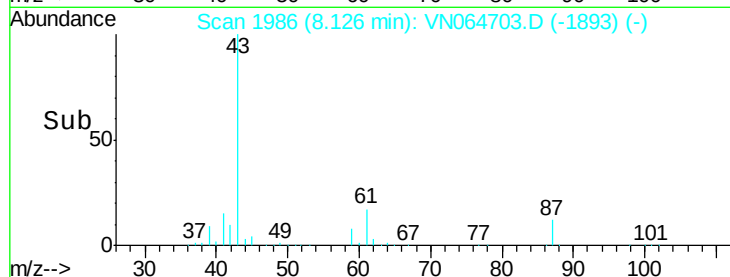
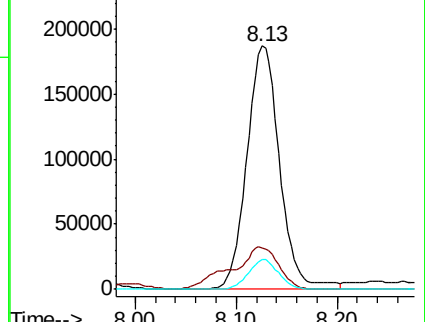
87 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN064703.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN064703.D (-1964) (-)



#44

Trichloroethene

Concen: 51.120 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064703.D

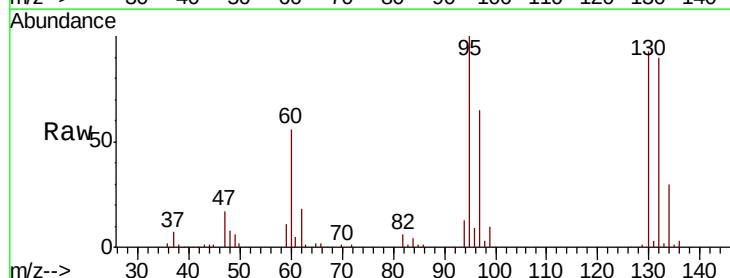
Acq: 18 Nov 2020 13:01

Tgt Ion:130 Resp: 198251

Ion Ratio Lower Upper

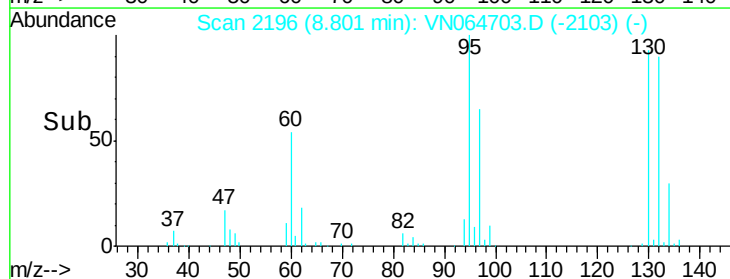
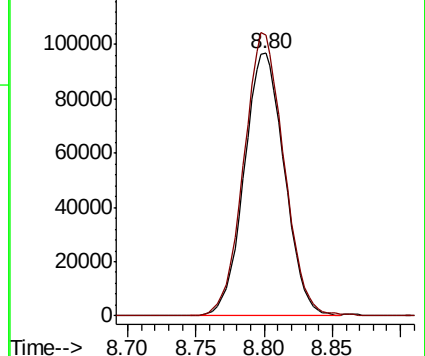
130 100

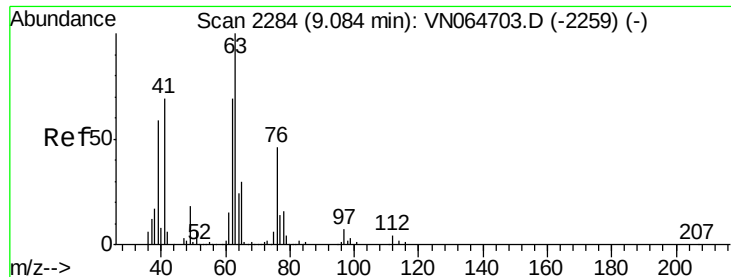
95 107.1 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064703.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064703.D (-2179) (-)

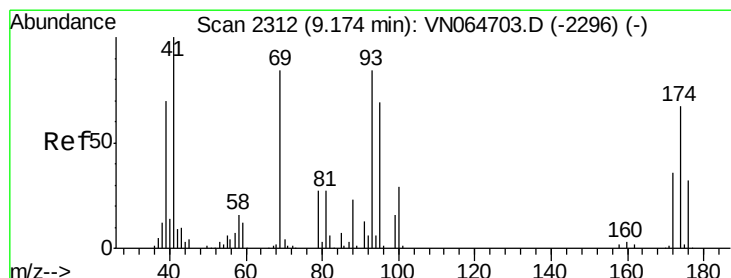
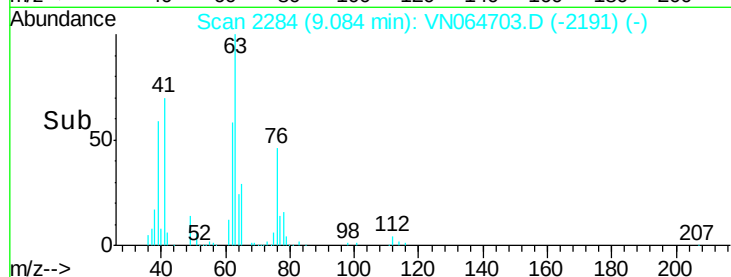
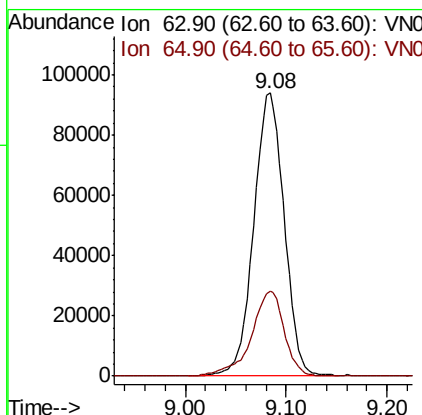
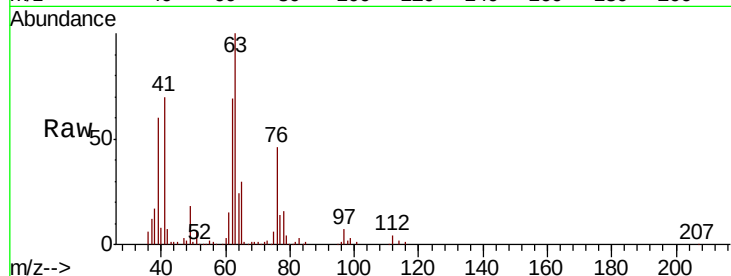




#45
 1,2-Dichloropropane
 Concen: 48.664 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

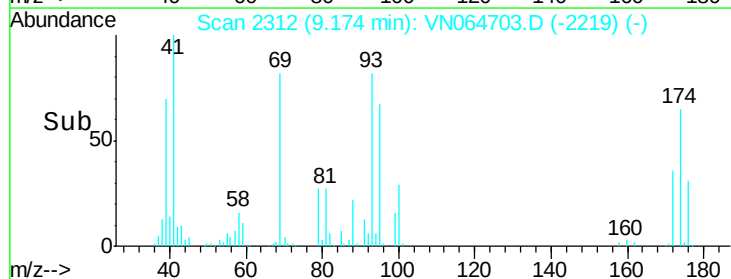
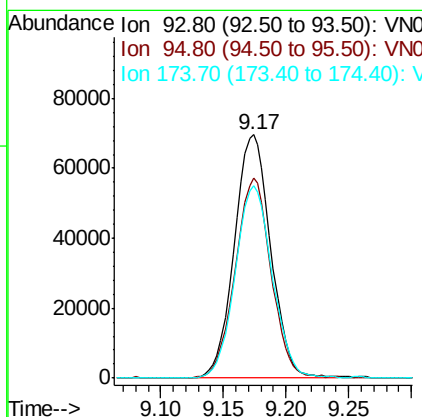
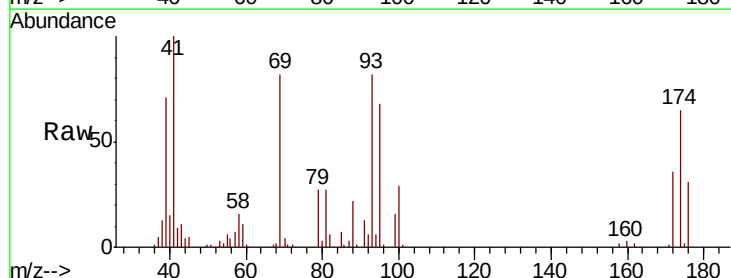
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

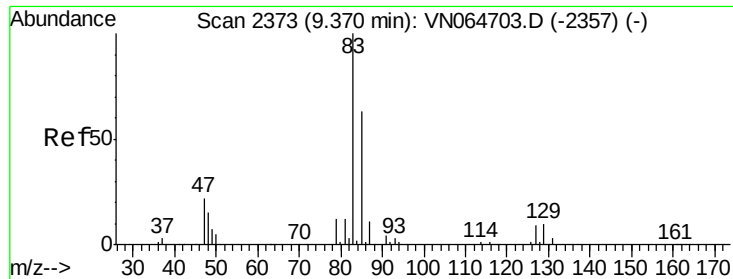
Tot Ion: 63 Resp: 196783
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.0 36.0



#46
 Dibromomethane
 Concen: 51.989 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 93 Resp: 140612
 Ion Ratio Lower Upper
 93 100
 95 80.8 64.6 97.0
 174 80.4 64.3 96.5





#47

Bromodichloromethane

Concen: 50.866 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

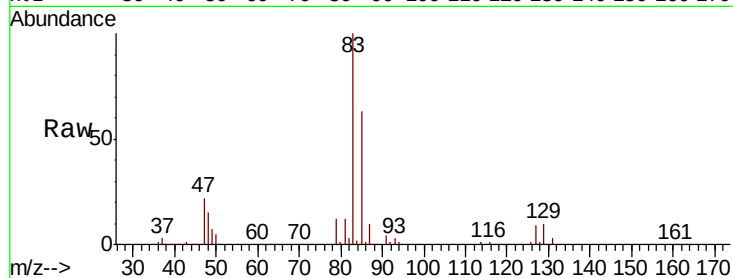
Tot Ion: 83 Resp: 294196

Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2

127 8.7 7.0 10.4

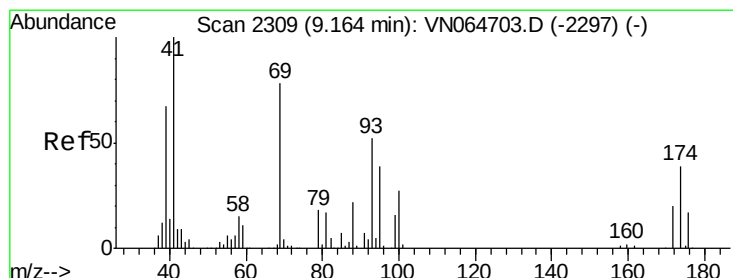
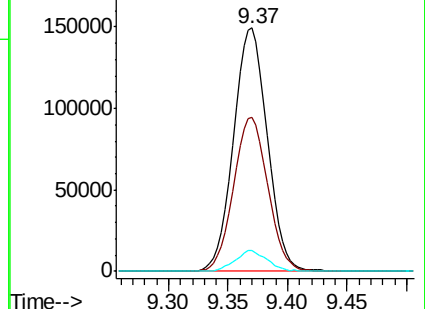
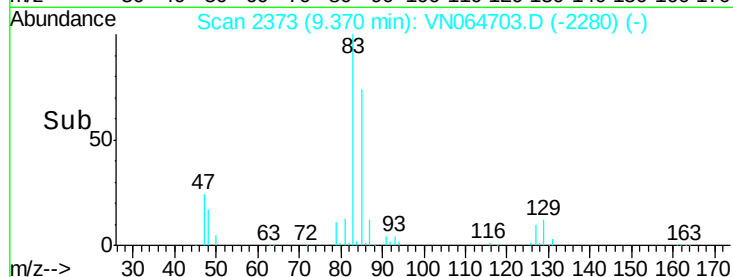


Abundance Ion 82.90 (82.60 to 83.60): VN064703.D (-2357) (-)

Ion 84.90 (84.60 to 85.60): VN064703.D (-2357) (-)

Ion 126.80 (126.50 to 127.50): VN064703.D (-2357) (-)

9.37



#48

Methyl methacrylate

Concen: 49.250 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

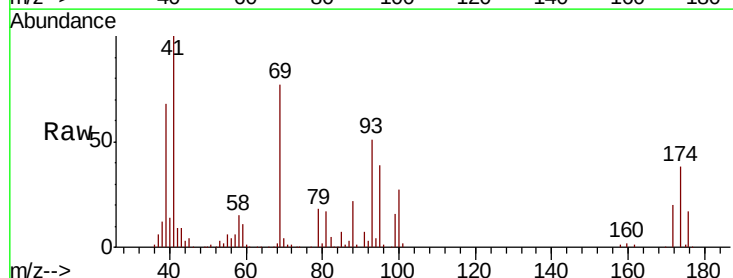
Tgt Ion: 41 Resp: 207441

Ion Ratio Lower Upper

41 100

69 77.9 62.3 93.5

39 68.9 55.1 82.7

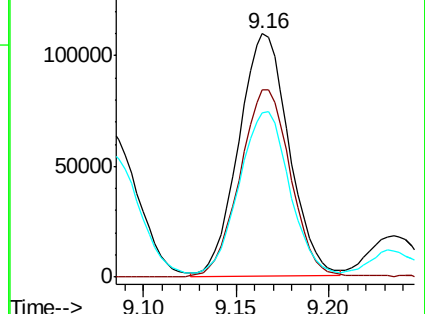
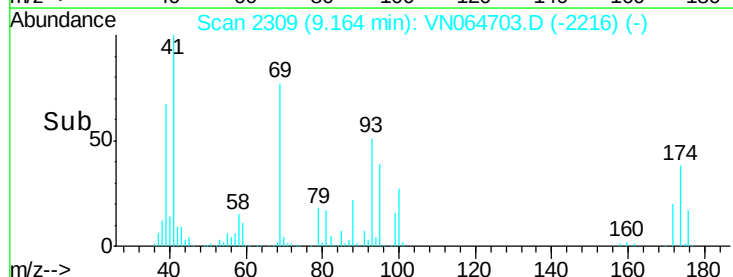


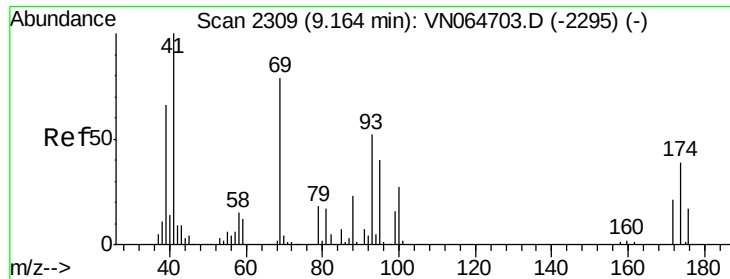
Abundance Ion 41.00 (40.70 to 41.70): VN064703.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064703.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064703.D (-2297) (-)

9.16

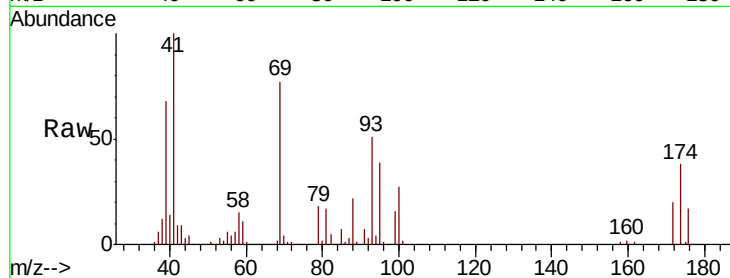




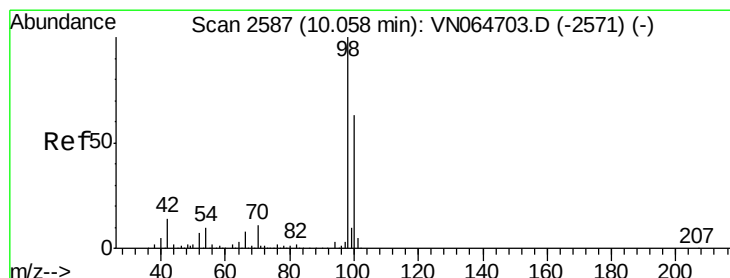
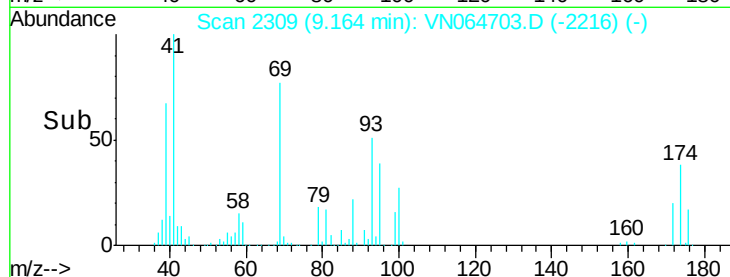
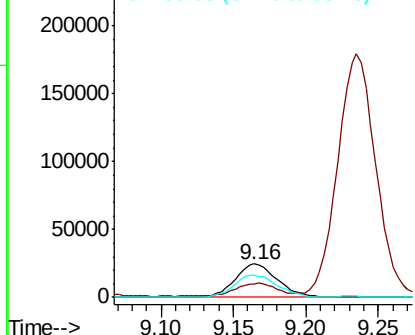
#49
1,4-Dioxane
Concen: 904.520 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 49469
Ion Ratio Lower Upper
88 100
43 39.1 31.3 46.9
58 69.6 55.7 83.5

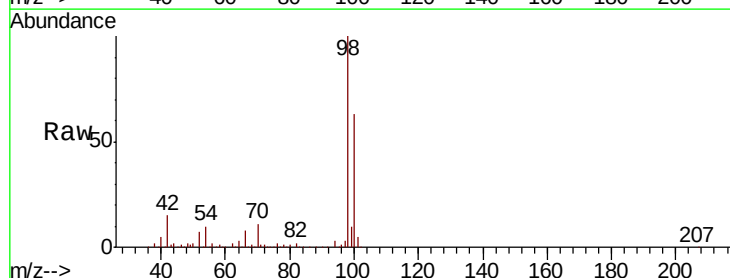


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

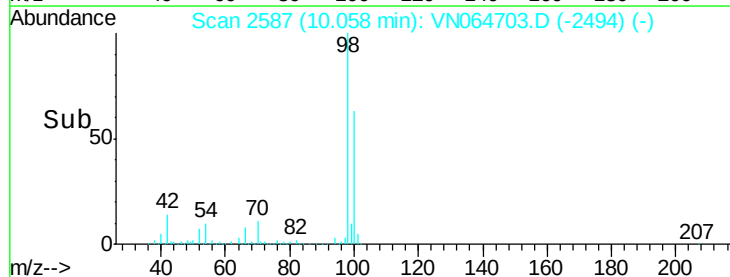
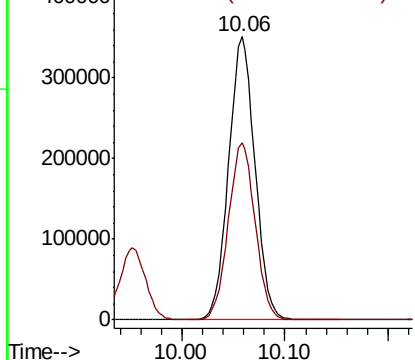


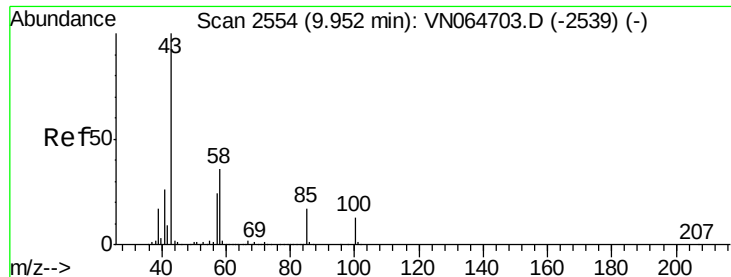
#50
Toluene-d8
Concen: 47.924 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 98 Resp: 627812
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 252.338 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

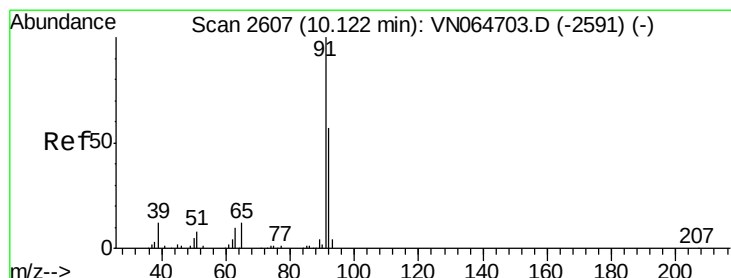
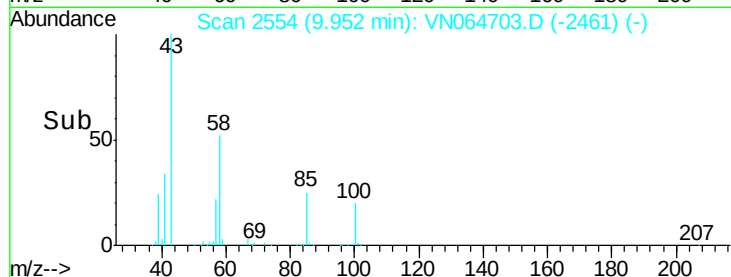
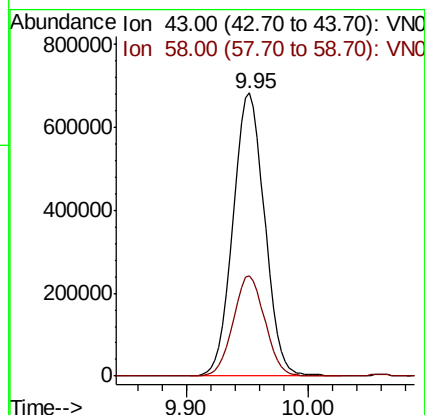
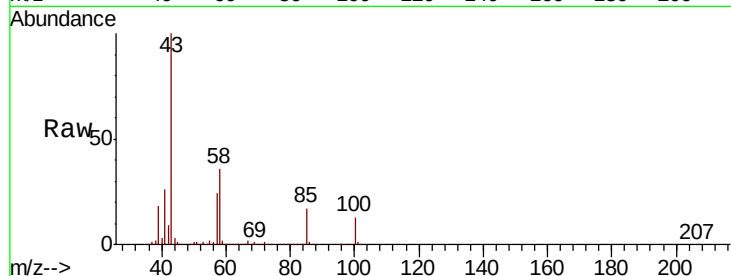
VSTDICCC050

Tot Ion: 43 Resp: 1224348

Ion Ratio Lower Upper

43 100

58 35.6 28.5 42.7



#52

Toluene

Concen: 50.506 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064703.D

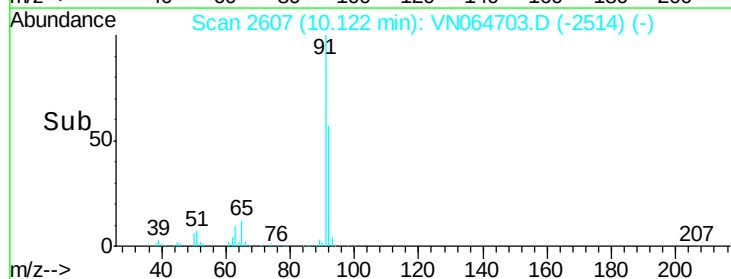
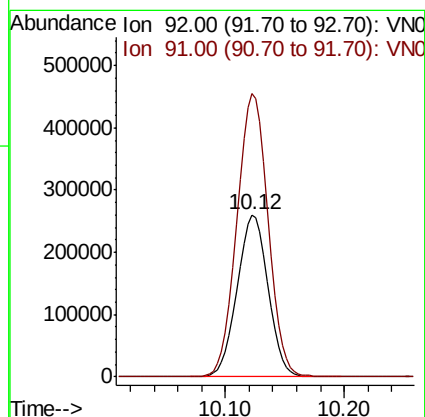
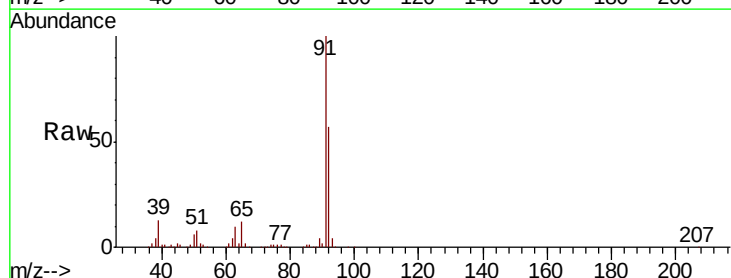
Acq: 18 Nov 2020 13:01

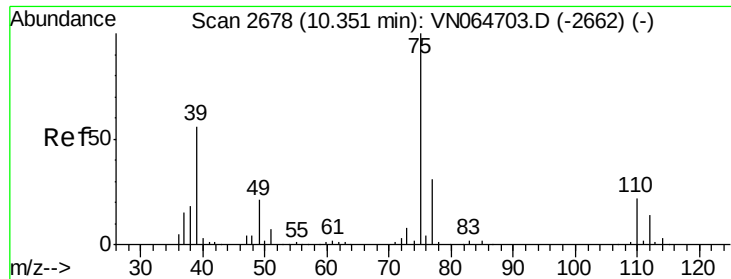
Tgt Ion: 92 Resp: 468727

Ion Ratio Lower Upper

92 100

91 176.5 141.2 211.8

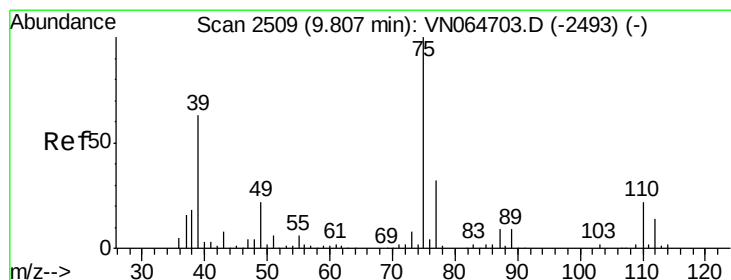
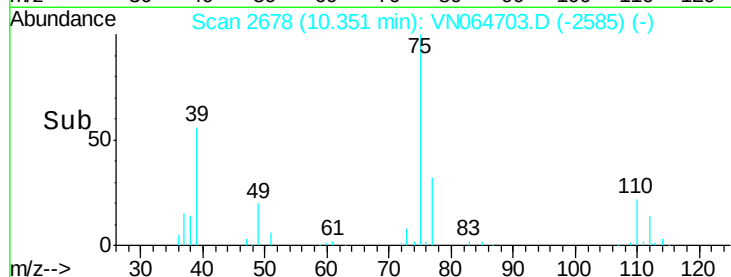
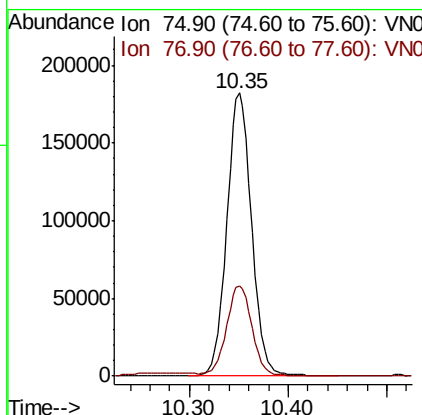
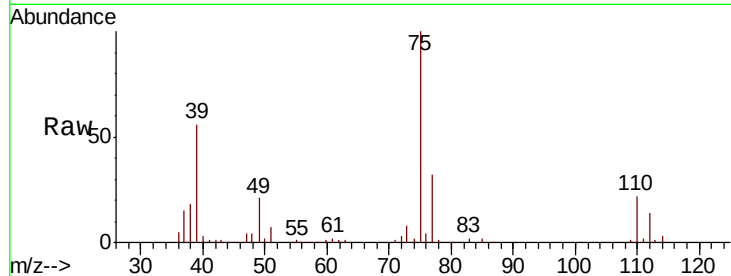




#53
 t-1,3-Dichloropropene
 Concen: 52.513 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

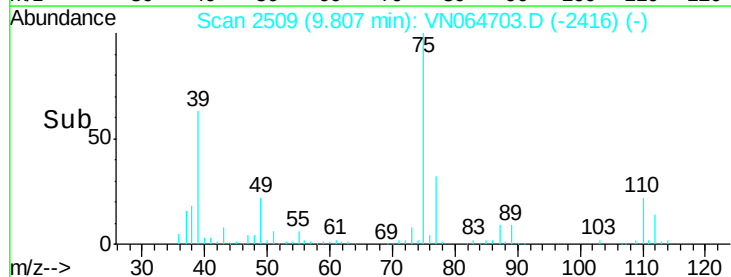
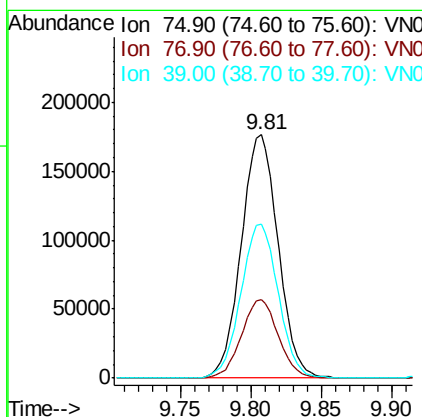
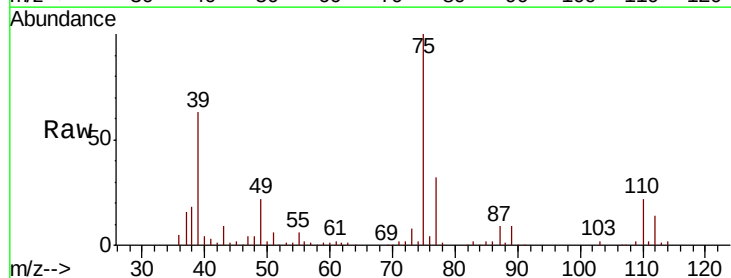
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

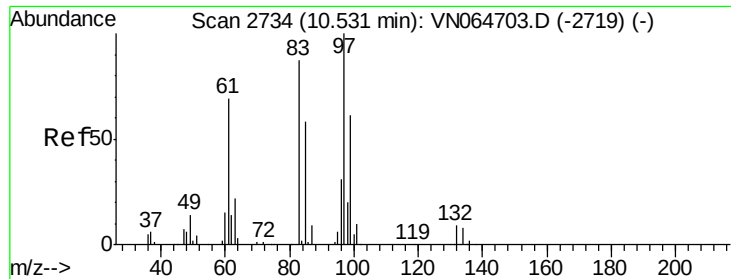
Tot Ion: 75 Resp: 320427
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.915 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 75 Resp: 323956
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 63.1 50.5 75.7

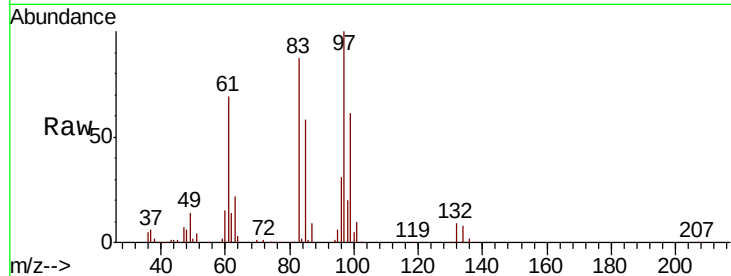




#55
 1,1,2-Trichloroethane
 Concen: 51.137 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	186039
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	58.3	46.6	70.0
99	61.1	48.9	73.3



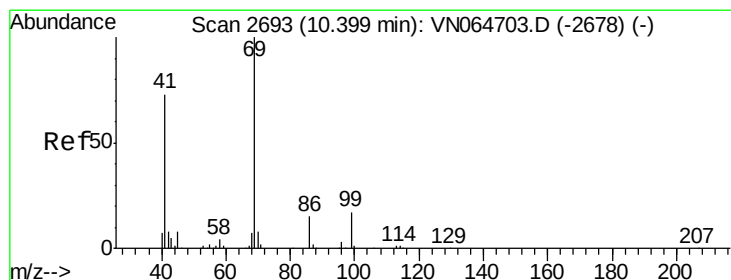
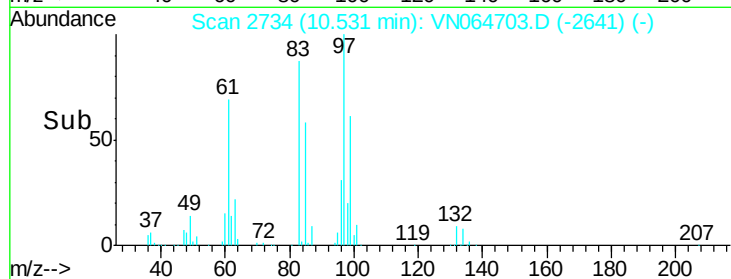
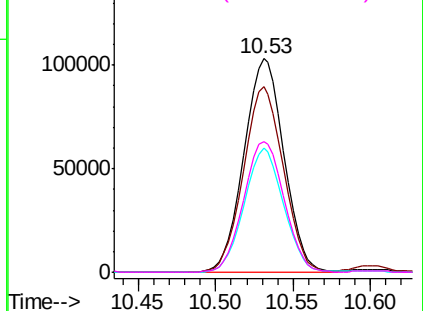
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

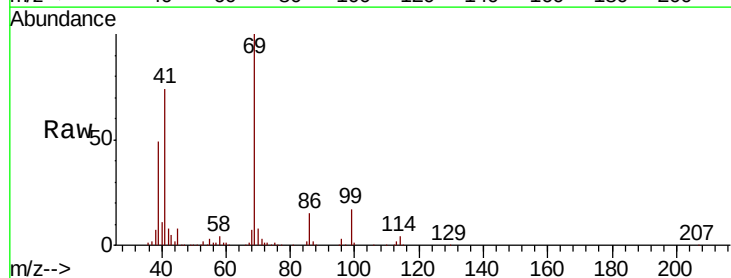
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 52.406 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion:	69	Resp:	274847
Ion	Ratio	Lower	Upper
69	100		
41	73.7	59.0	88.4
39	48.0	38.4	57.6

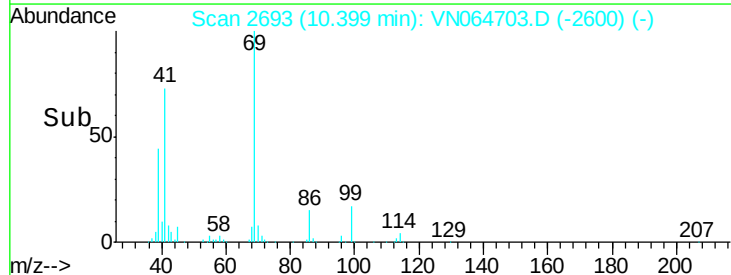
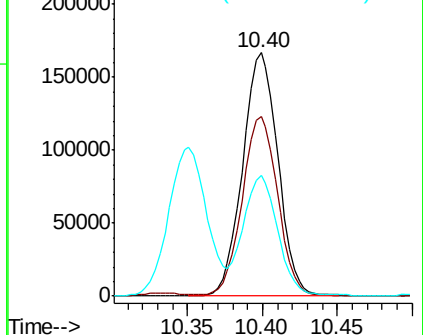


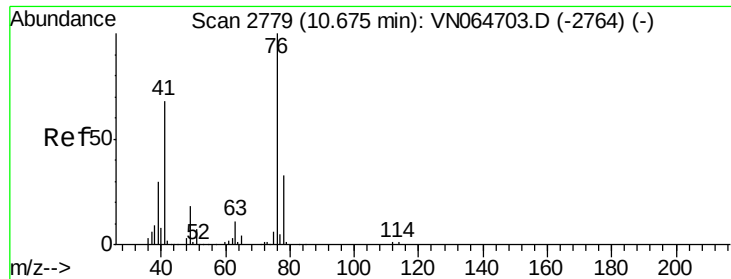
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

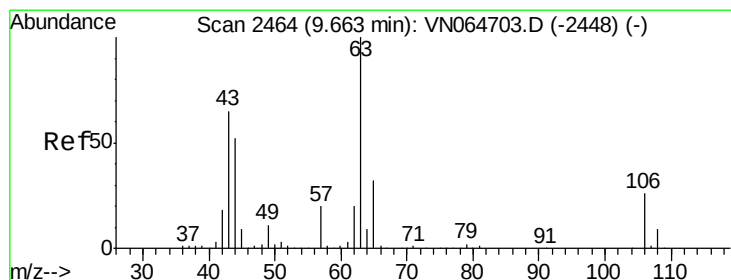
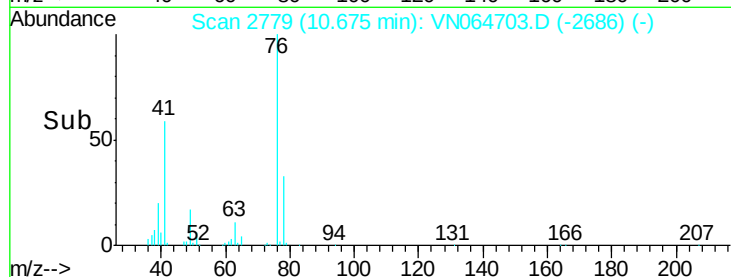
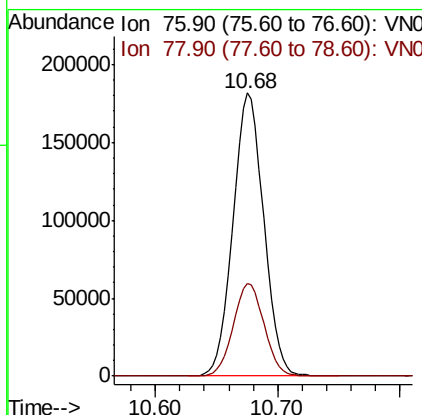
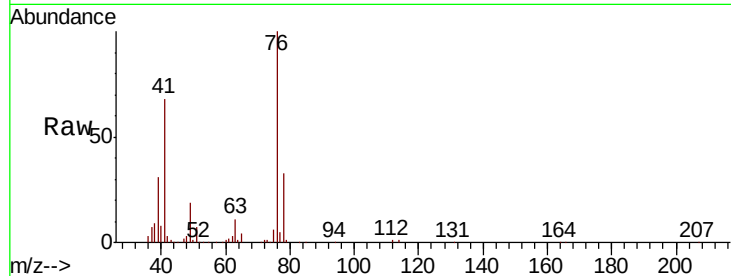




#57
 1,3-Dichloropropane
 Concen: 50.249 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

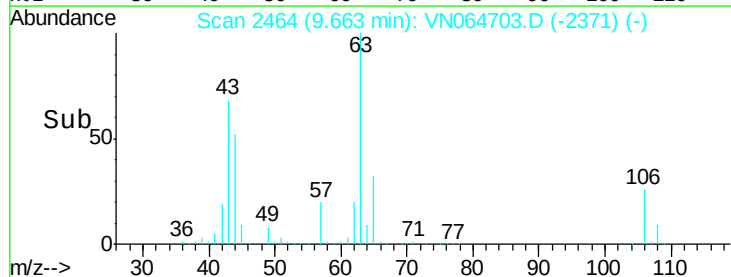
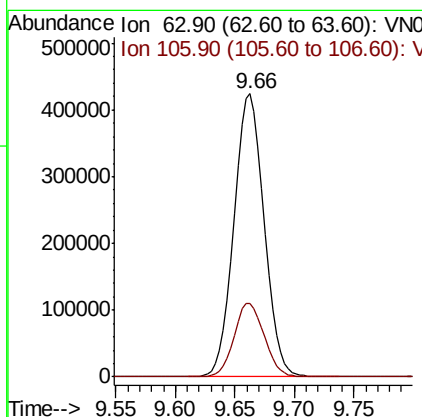
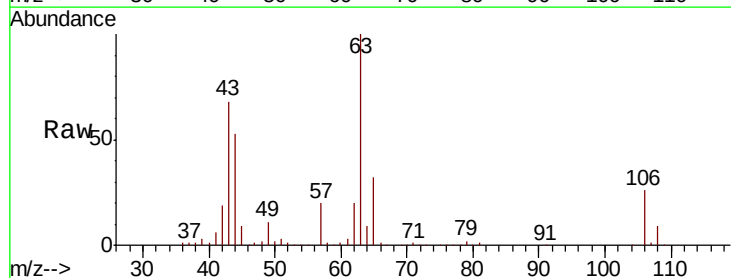
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

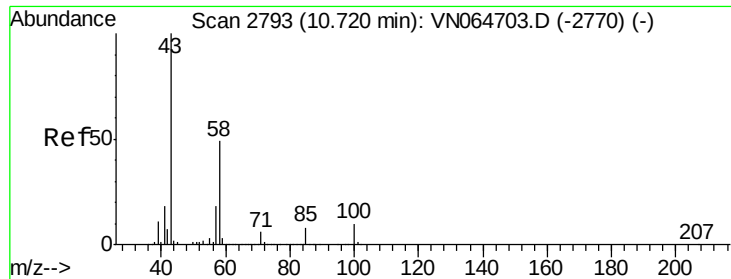
Tot Ion: 76 Resp: 317996
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.733 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 63 Resp: 744738
 Ion Ratio Lower Upper
 63 100
 106 26.1 20.9 31.3

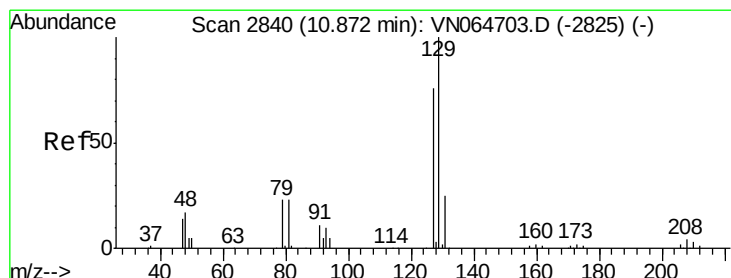
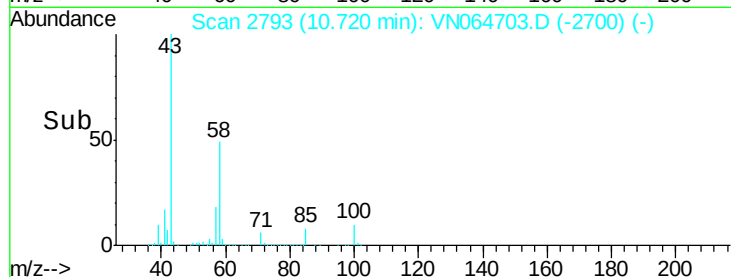
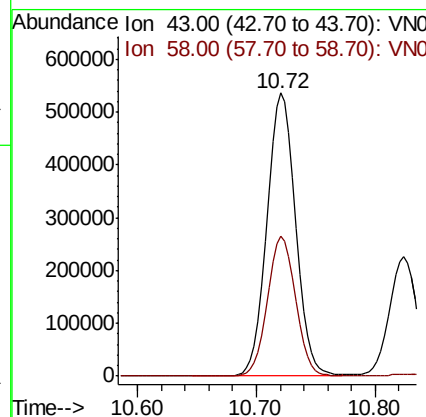
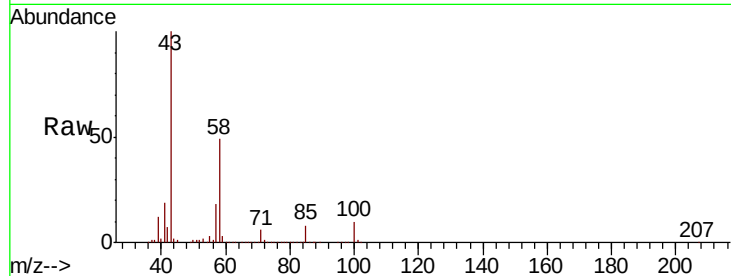




#59
2-Hexanone
Concen: 254.327 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

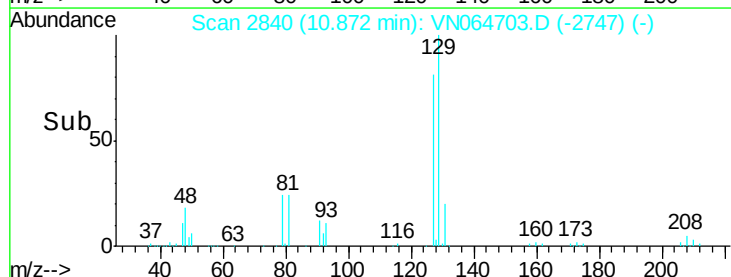
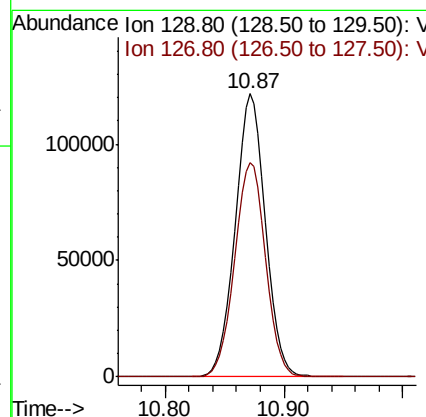
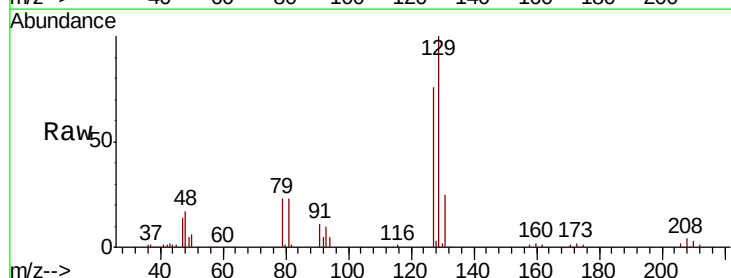
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

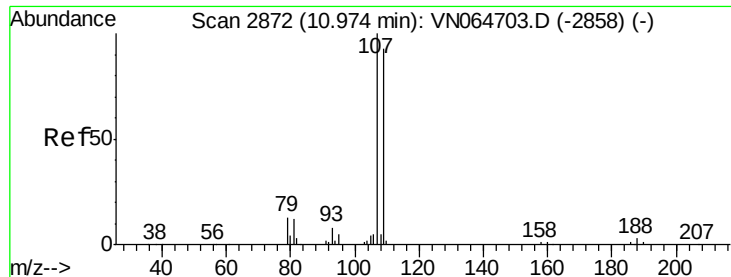
Tot Ion: 43 Resp: 891761
Ion Ratio Lower Upper
43 100
58 48.9 24.4 73.4



#60
Dibromochloromethane
Concen: 52.460 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 129 Resp: 213586
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

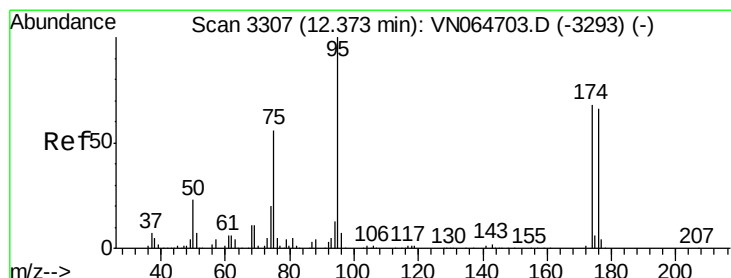
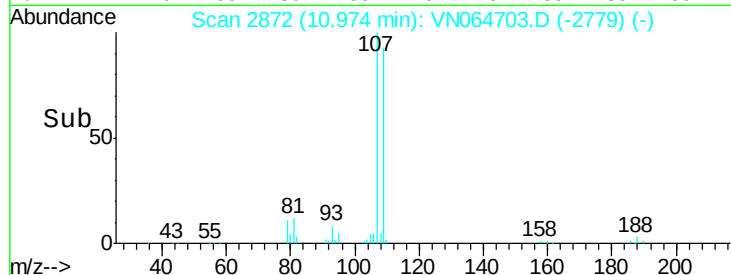
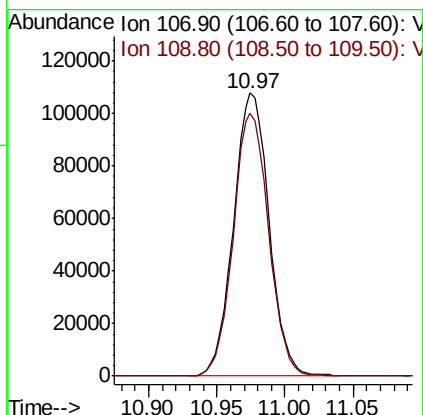
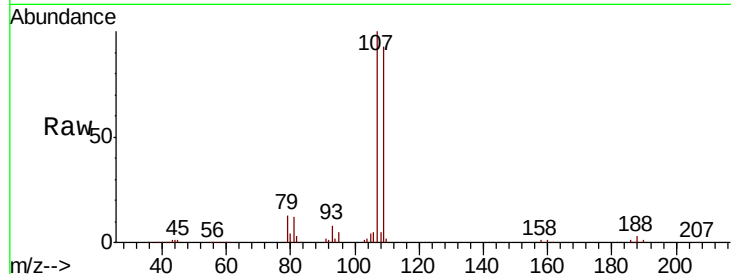




#61
 1,2-Dibromoethane
 Concen: 52.695 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

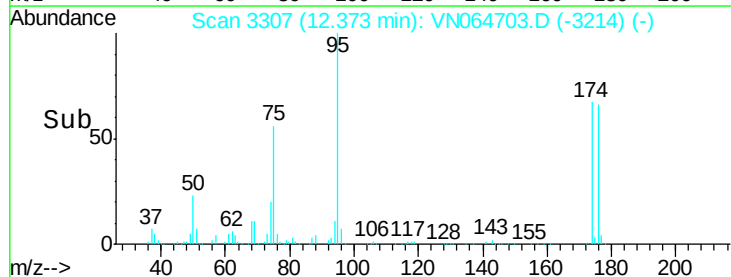
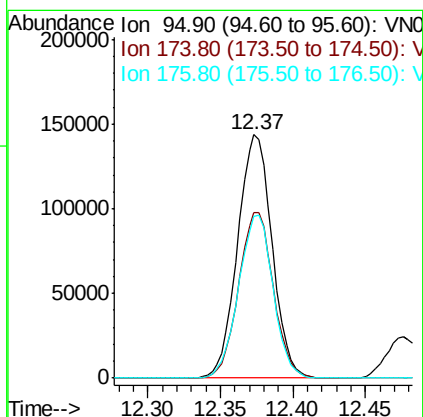
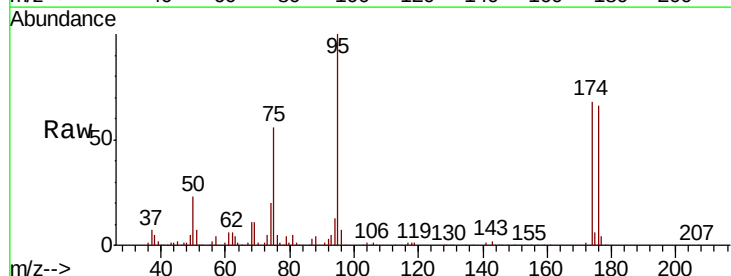
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

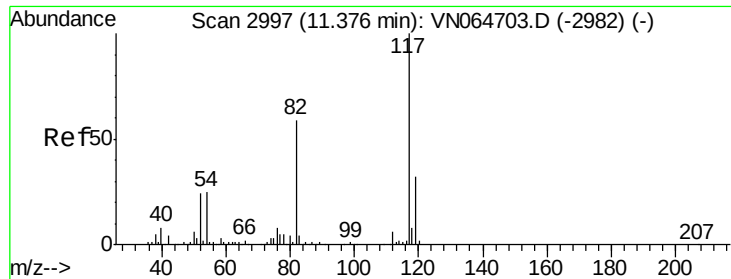
Tot Ion:107 Resp: 194725
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 48.123 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 95 Resp: 237392
 Ion Ratio Lower Upper
 95 100
 174 68.4 0.0 136.8
 176 67.1 0.0 134.2

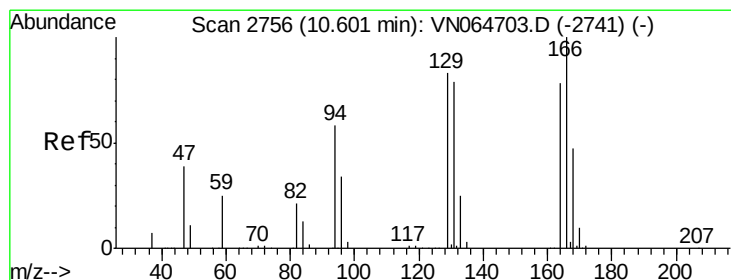
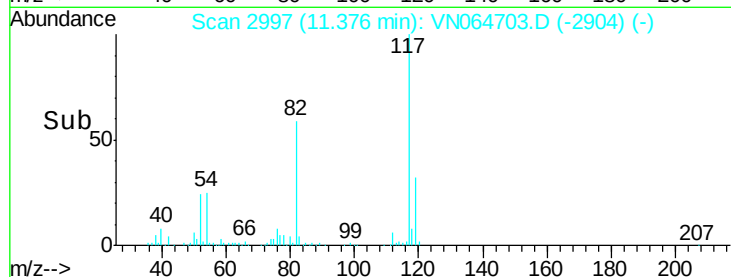
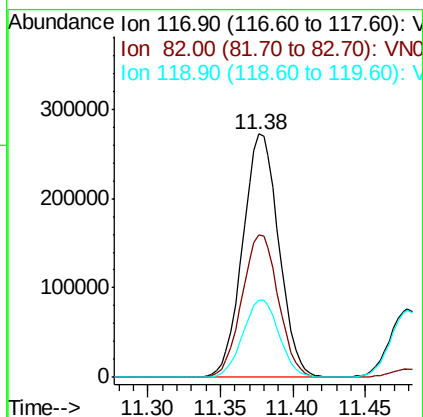
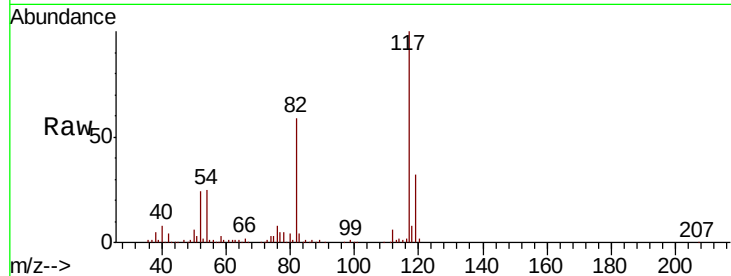




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

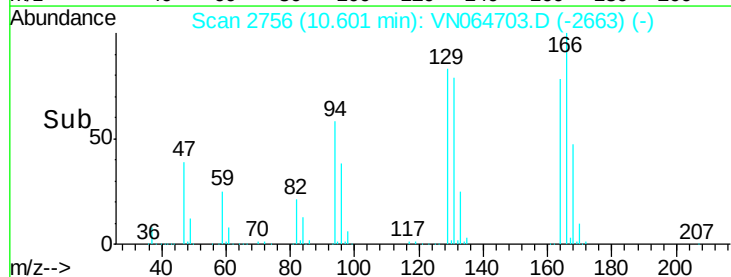
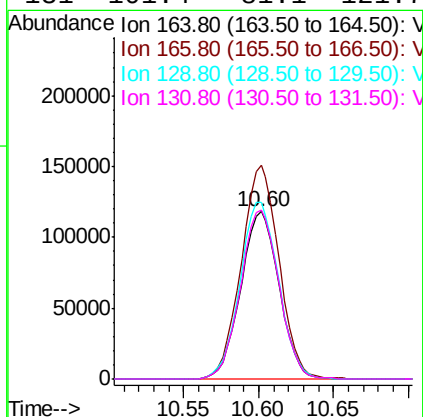
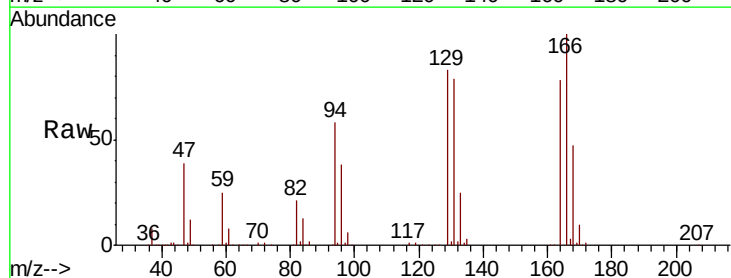
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

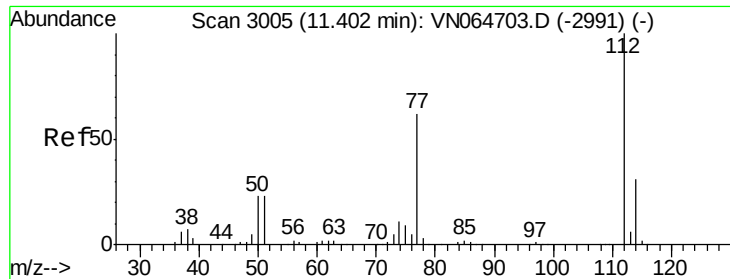
Tot Ion:117 Resp: 472319
Ion Ratio Lower Upper
117 100
82 58.8 47.0 70.6
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 56.931 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion:164 Resp: 210421
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.4
129 105.9 84.7 127.1
131 101.4 81.1 121.7

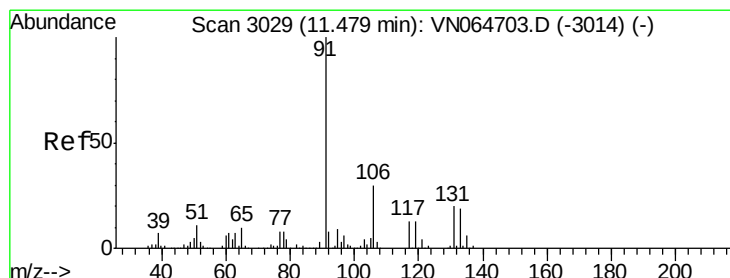
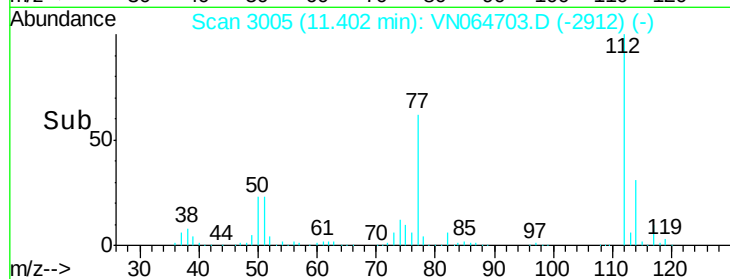
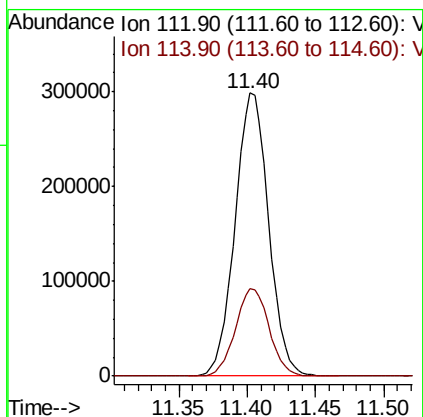
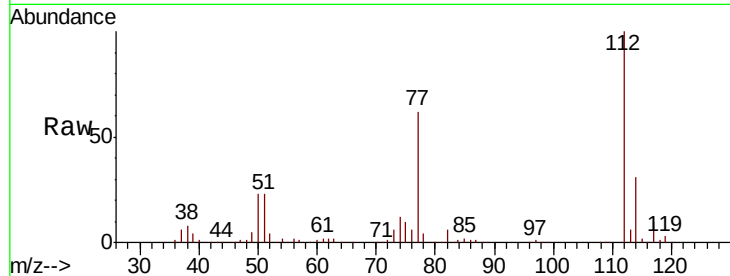




#65
Chlorobenzene
Concen: 49.900 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

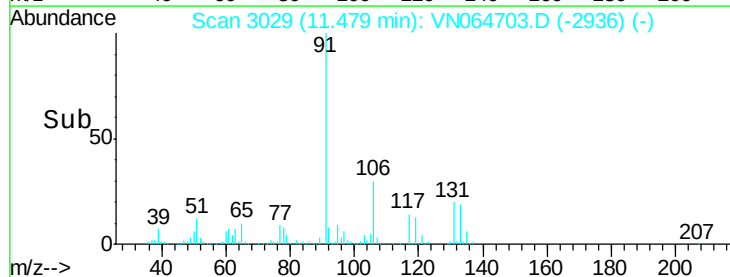
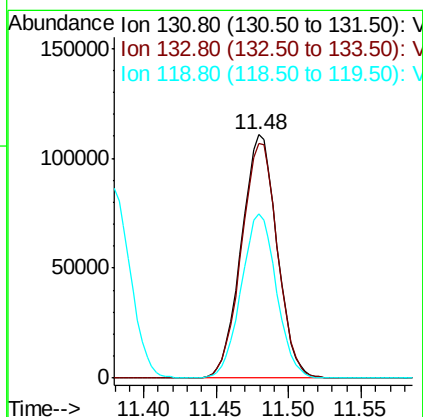
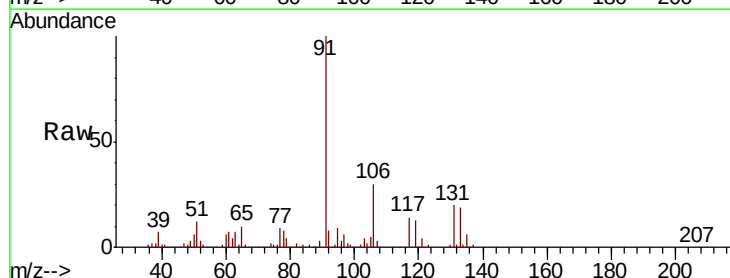
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

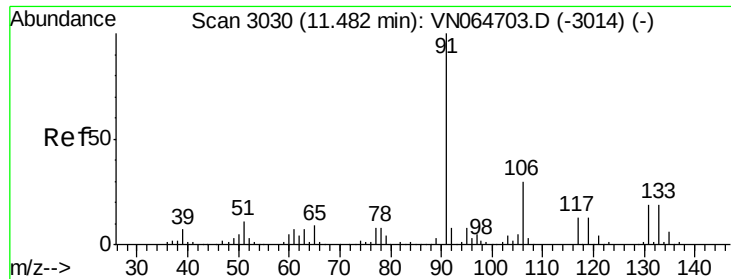
Tot Ion:112 Resp: 510233
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.937 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion:131 Resp: 189809
Ion Ratio Lower Upper
131 100
133 97.6 48.8 146.4
119 66.9 33.5 100.4

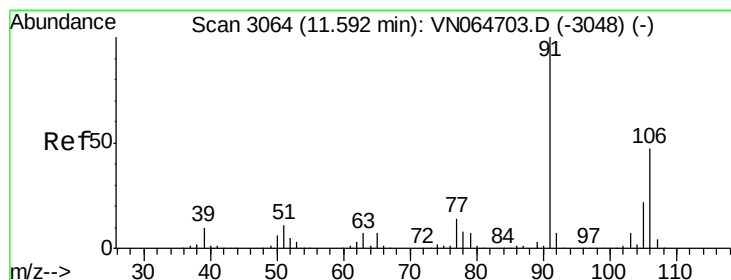
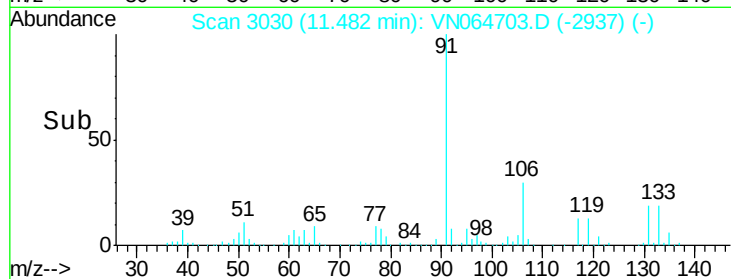
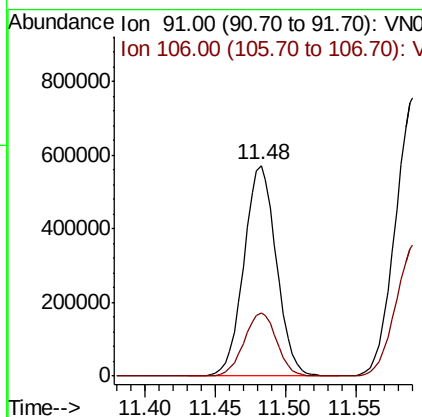
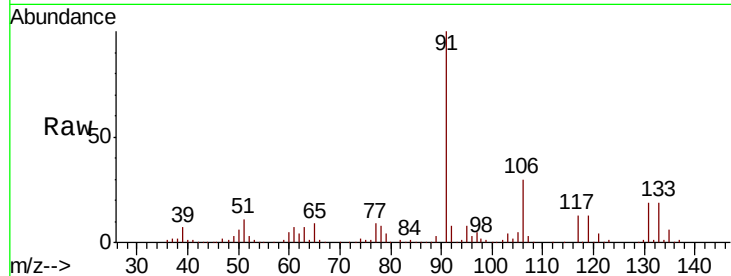




#67
Ethyl Benzene
Concen: 51.079 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

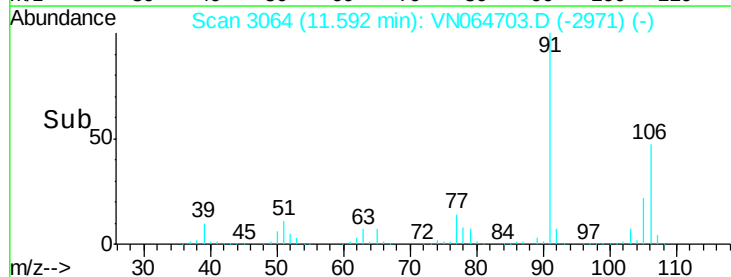
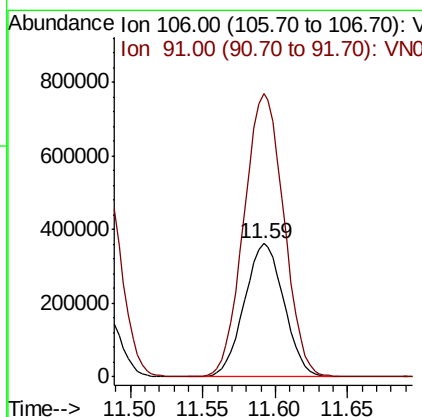
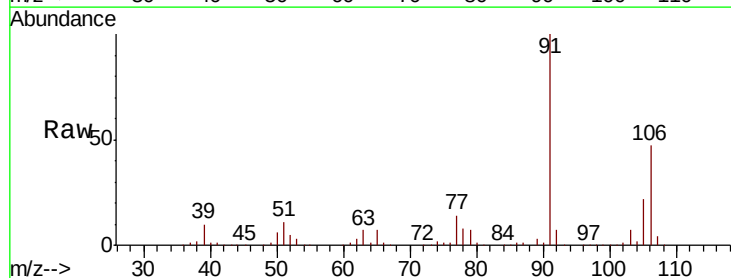
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

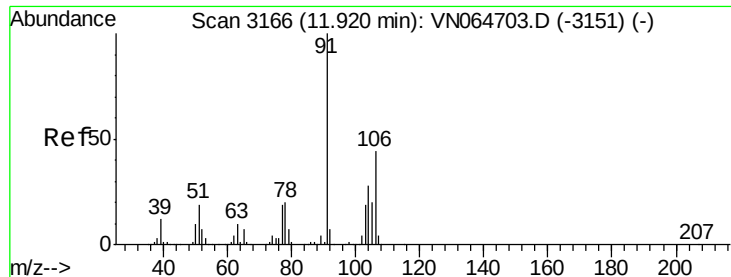
Tot Ion: 91 Resp: 922703
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 104.530 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 106 Resp: 686863
Ion Ratio Lower Upper
106 100
91 214.9 171.9 257.9

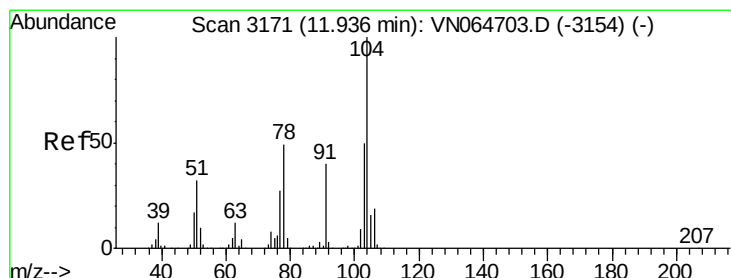
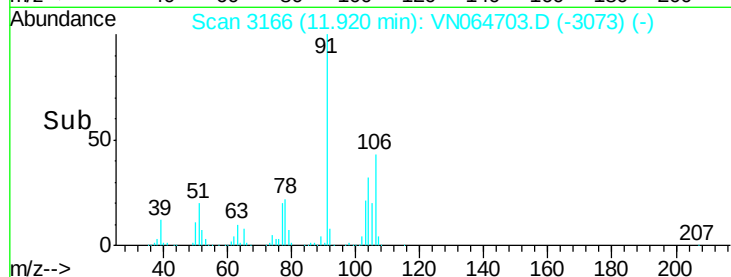
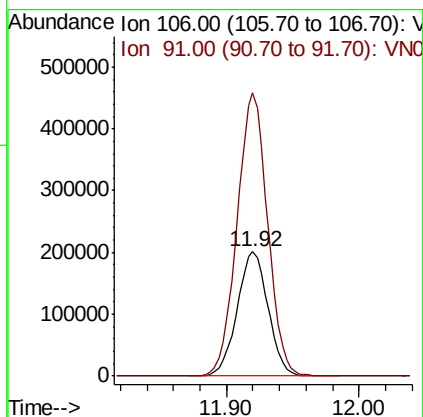
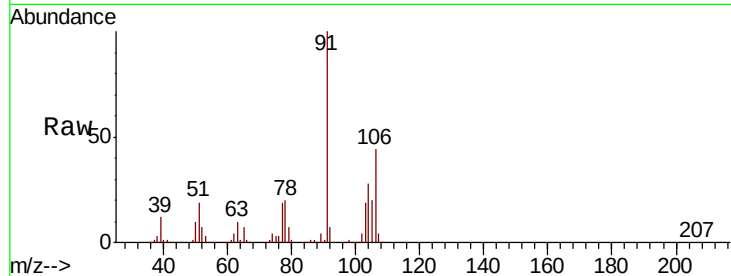




#69
o-Xylene
Concen: 51.438 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

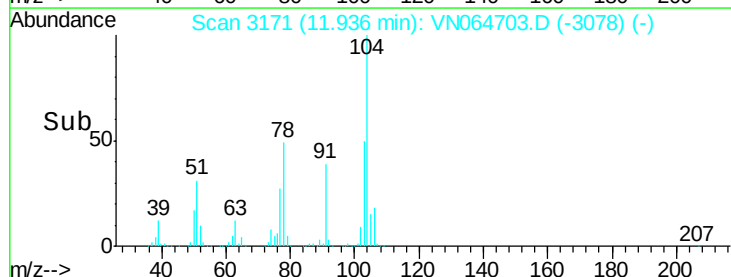
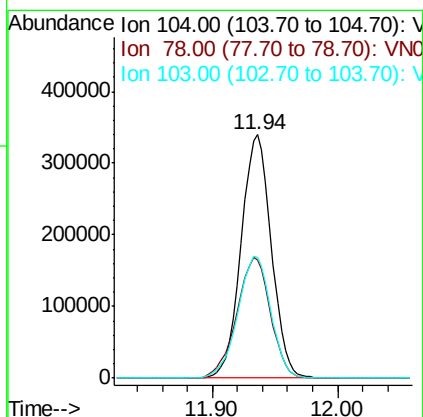
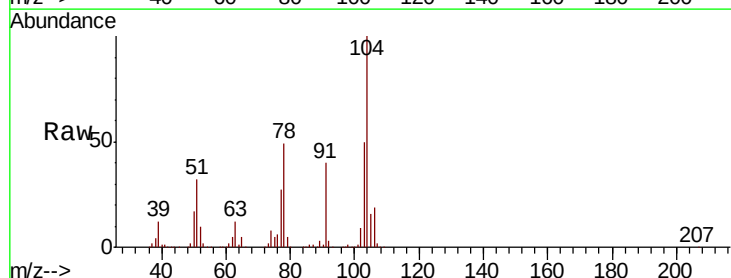
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

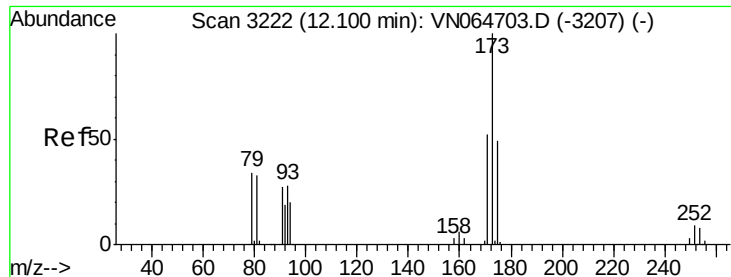
Tot Ion:106 Resp: 326184
Ion Ratio Lower Upper
106 100
91 224.2 112.1 336.3



#70
Styrene
Concen: 53.390 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion:104 Resp: 570714
Ion Ratio Lower Upper
104 100
78 55.1 44.1 66.1
103 54.6 43.7 65.5





#71

Bromoform

Concen: 52.866 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

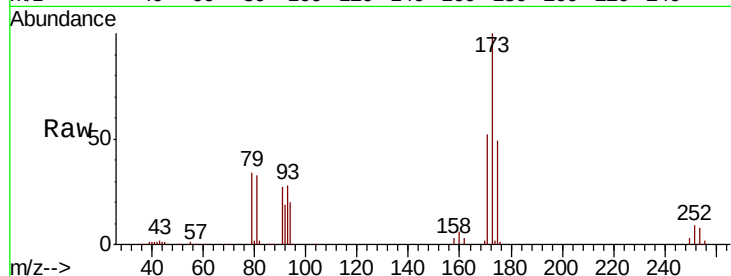
Tot Ion:173 Resp: 135373

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

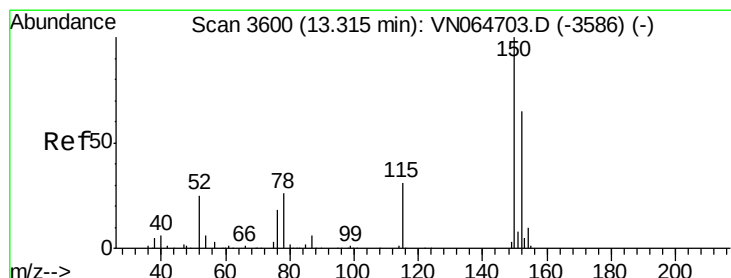
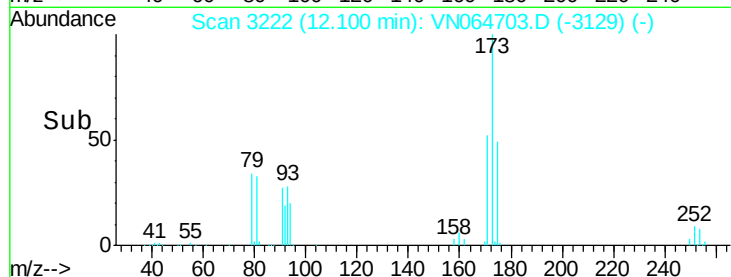
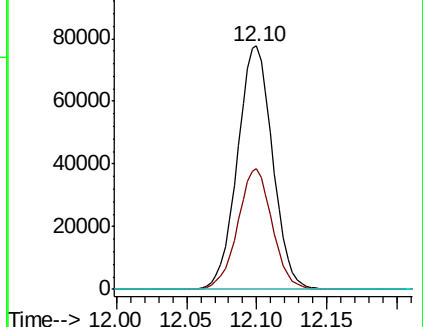
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

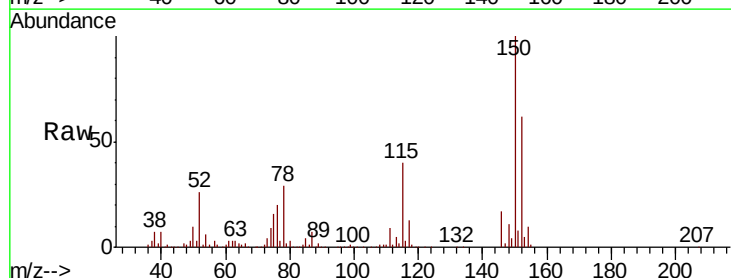
Tgt Ion:152 Resp: 232012

Ion Ratio Lower Upper

152 100

115 64.2 32.1 96.3

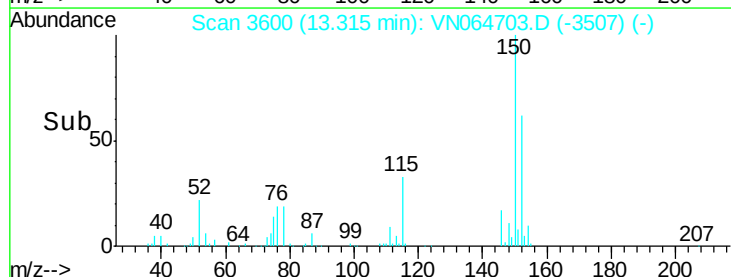
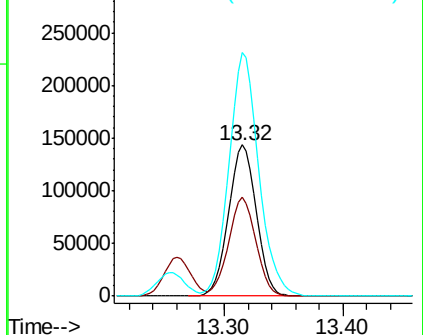
150 172.4 0.0 344.8

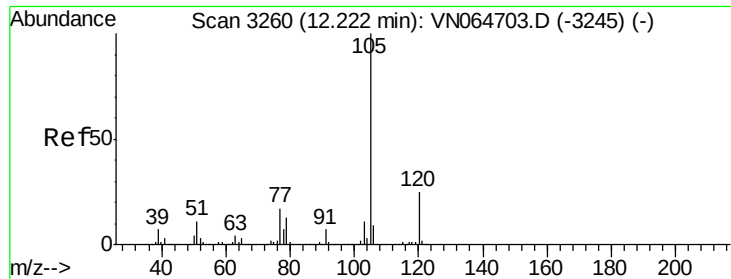


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.391 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

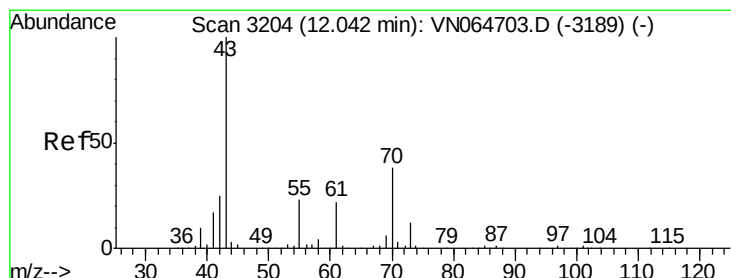
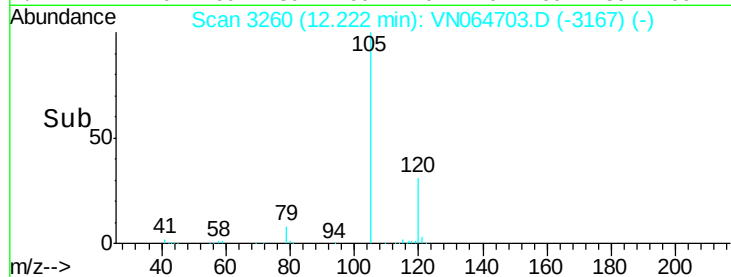
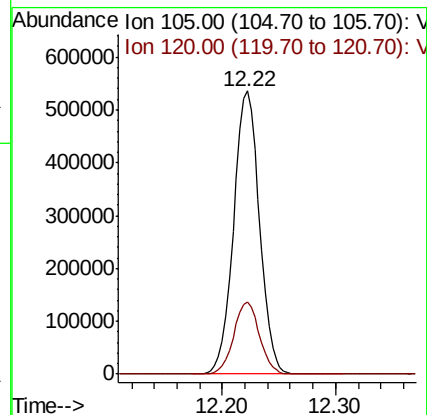
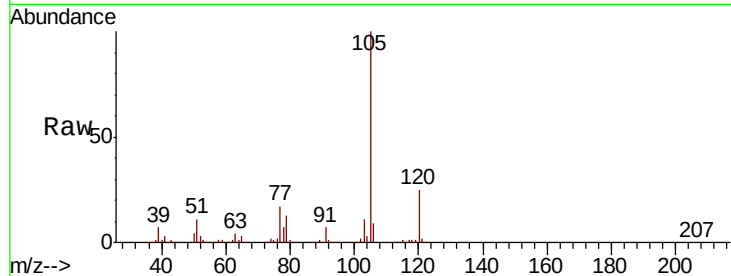
VSTDICCC050

Tot Ion:105 Resp: 851141

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#74

N-ethyl acetate

Concen: 51.122 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Tgt Ion: 43 Resp: 400897

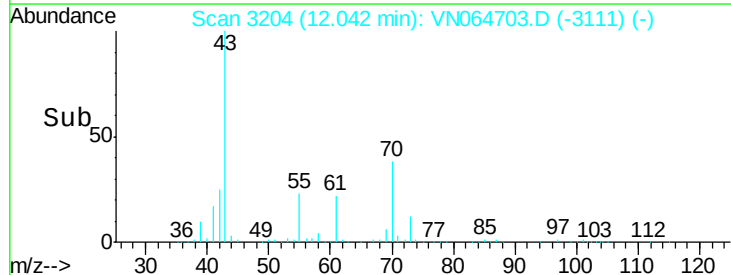
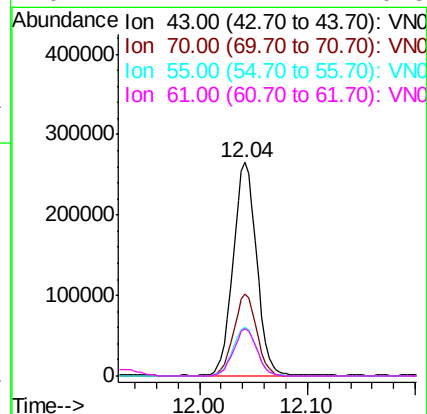
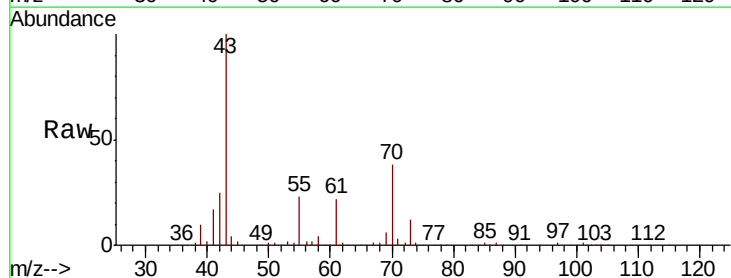
Ion Ratio Lower Upper

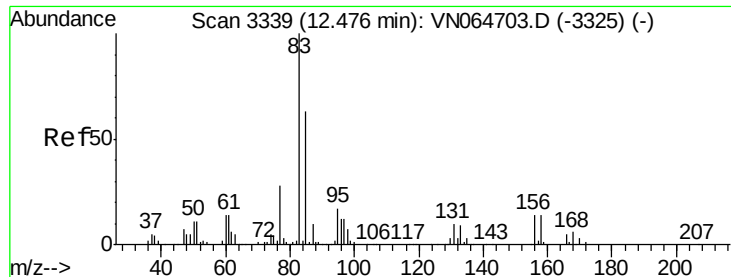
43 100

70 37.9 30.3 45.5

55 23.6 18.9 28.3

61 22.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.330 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

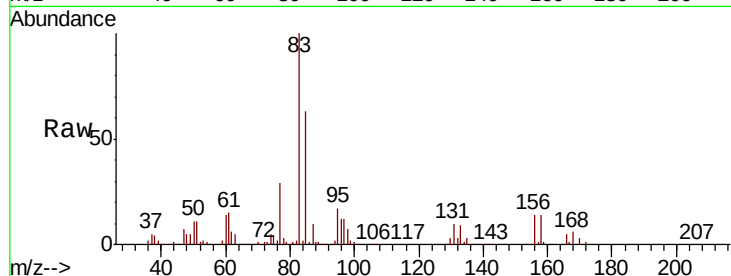
Tot Ion: 83 Resp: 231507

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

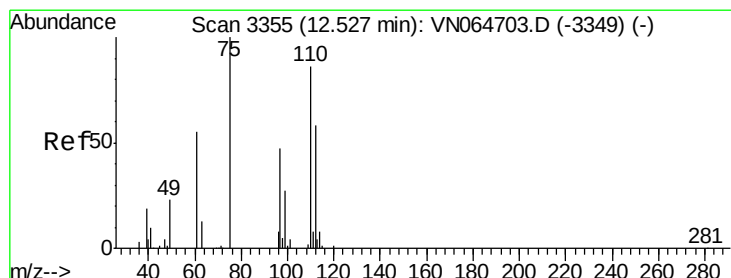
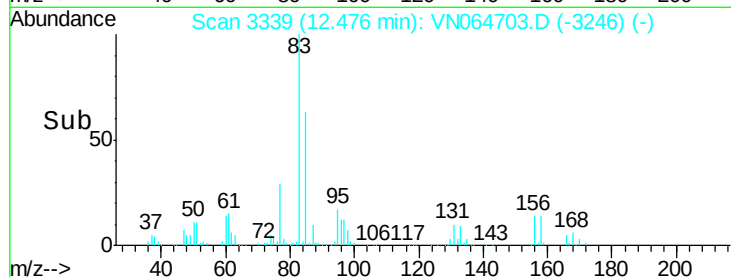
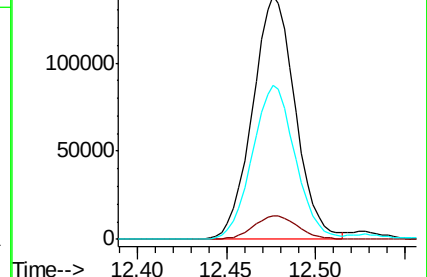
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN064703.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064703.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064703.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 67.969 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064703.D

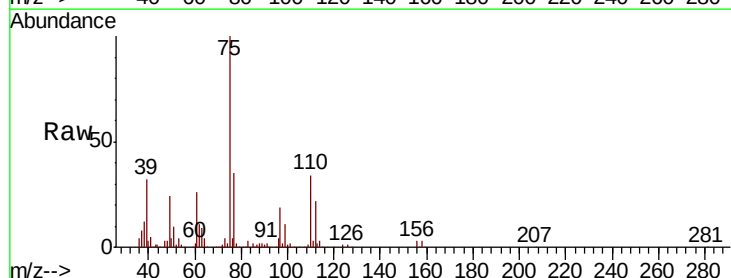
Acq: 18 Nov 2020 13:01

Tgt Ion: 75 Resp: 372534

Ion Ratio Lower Upper

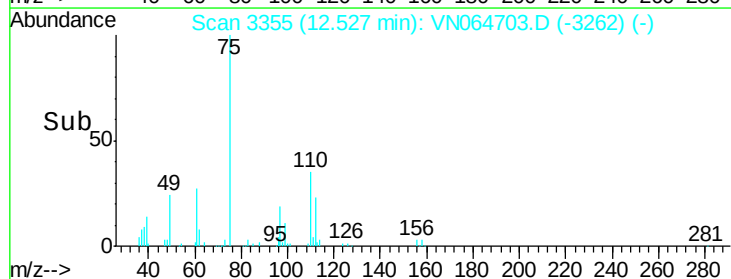
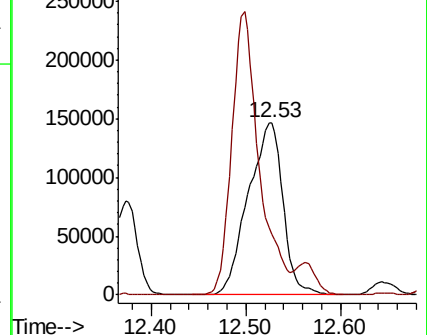
75 100

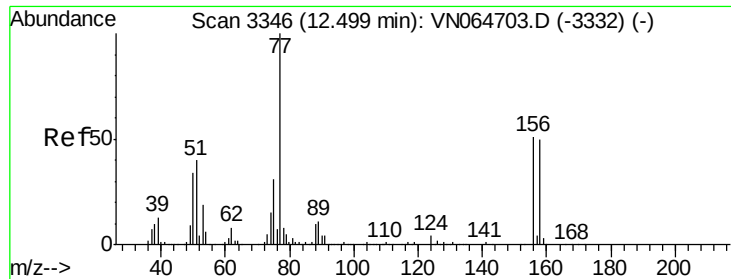
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064703.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064703.D (-3349) (-)





#77

Bromobenzene

Concen: 46.897 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

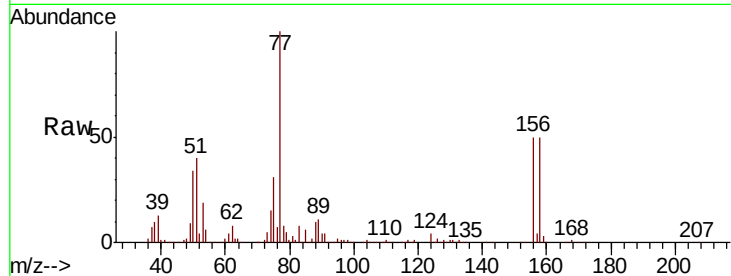
Tot Ion:156 Resp: 207109

Ion Ratio Lower Upper

156 100

77 234.6 117.3 351.9

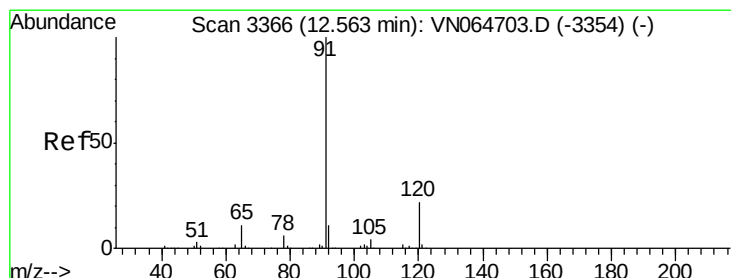
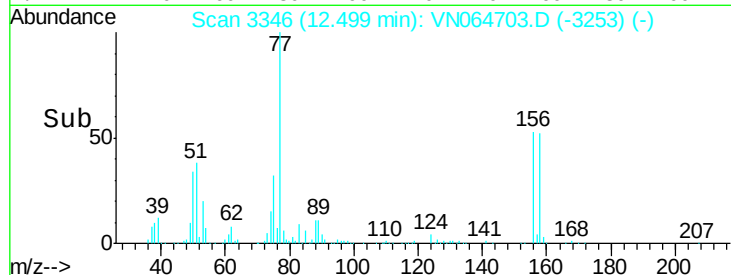
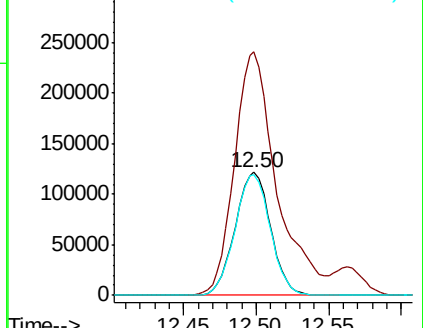
158 98.1 49.0 147.2



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: 48.684 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064703.D

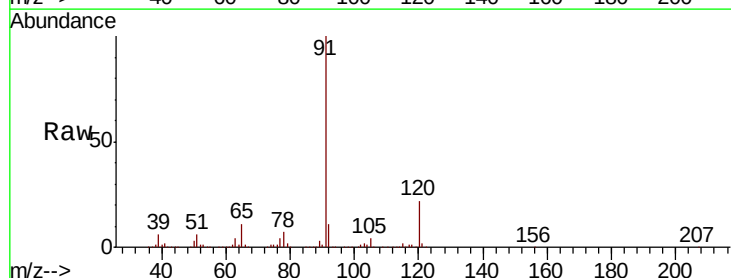
Acq: 18 Nov 2020 13:01

Tgt Ion: 91 Resp: 998876

Ion Ratio Lower Upper

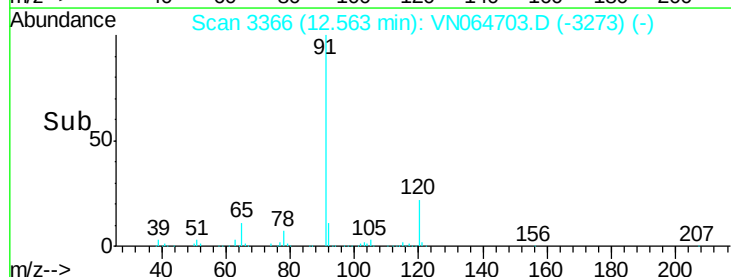
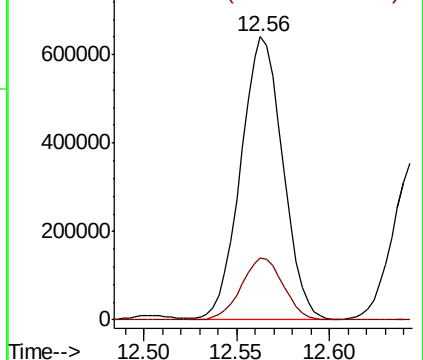
91 100

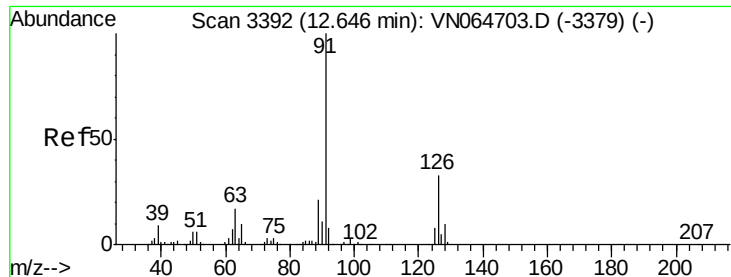
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

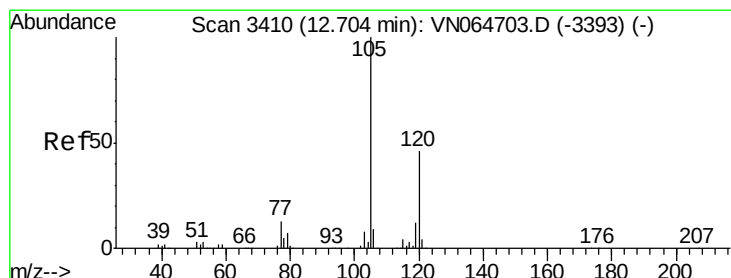
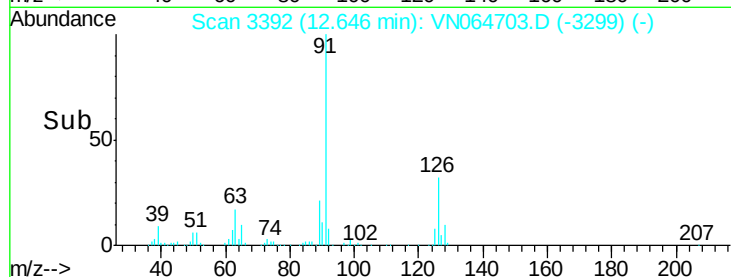
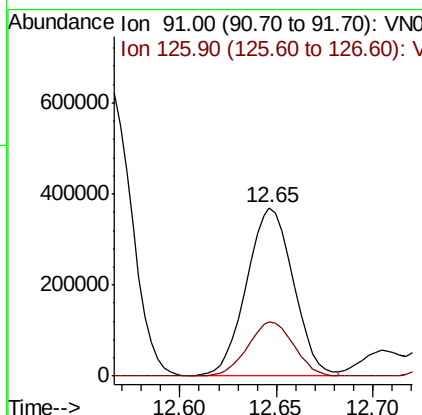
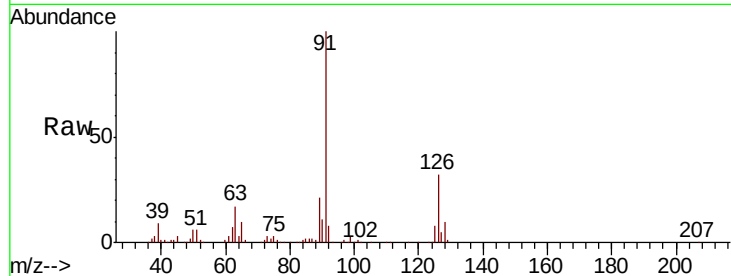




#79
 2-Chlorotoluene
 Concen: 47.190 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

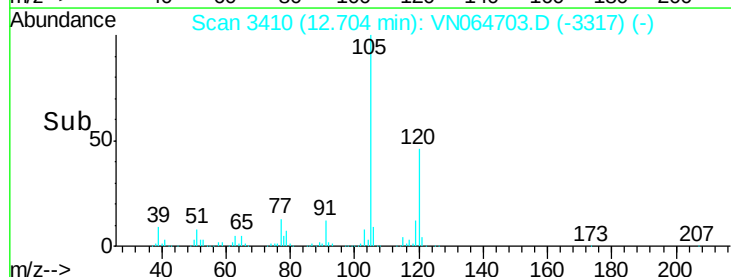
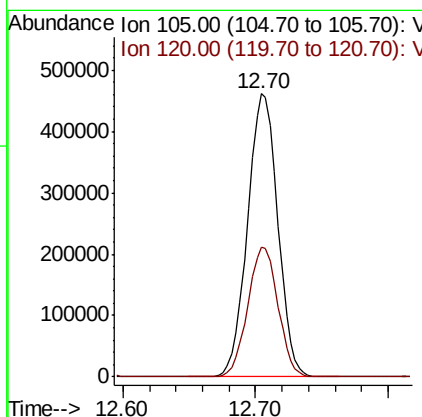
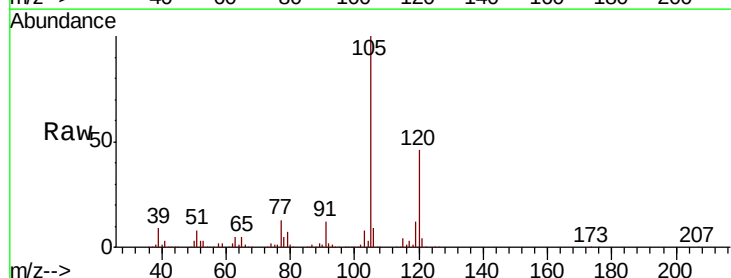
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

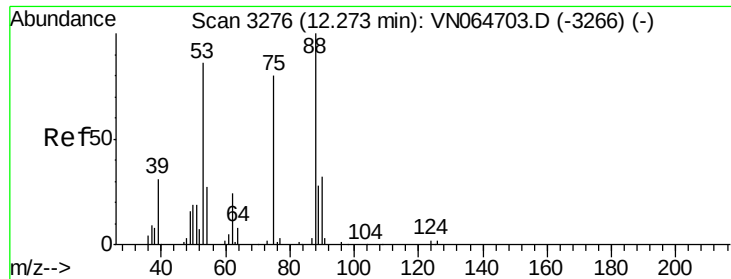
Tot Ion: 91 Resp: 616726
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.0 48.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.076 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 105 Resp: 730174
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.301 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

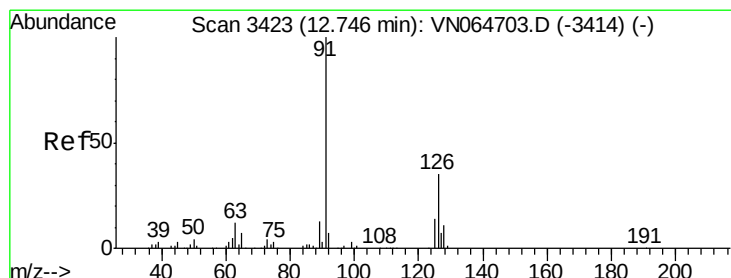
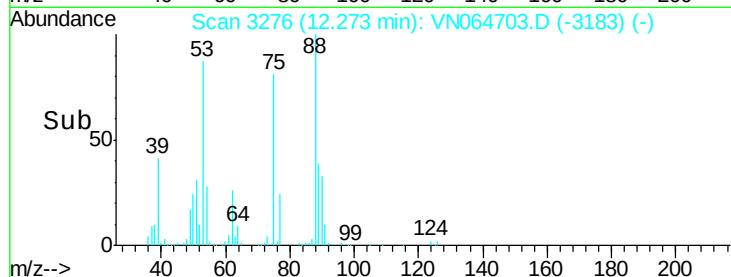
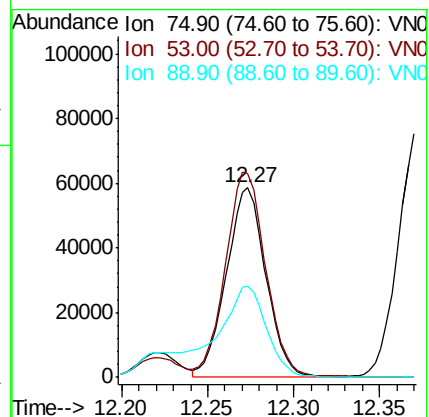
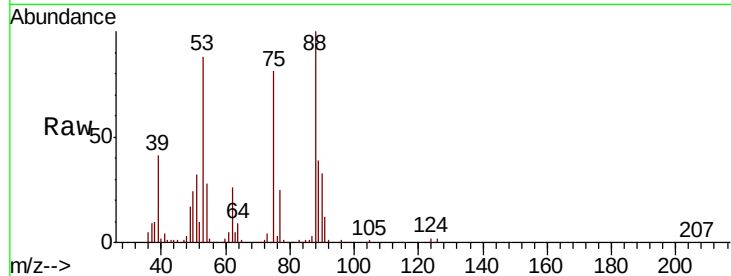
Tot Ion: 75 Resp: 94276

Ion Ratio Lower Upper

75 100

53 111.0 88.8 133.2

89 53.9 43.1 64.7



#82

4-Chlorotoluene

Concen: 48.537 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064703.D

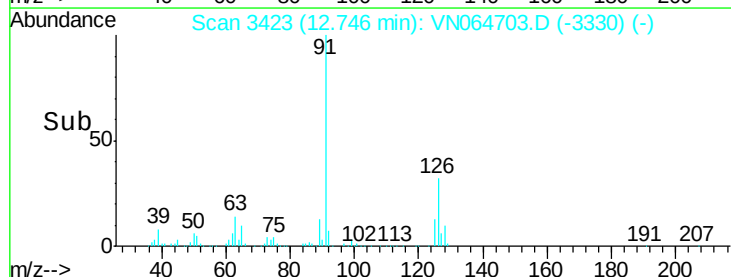
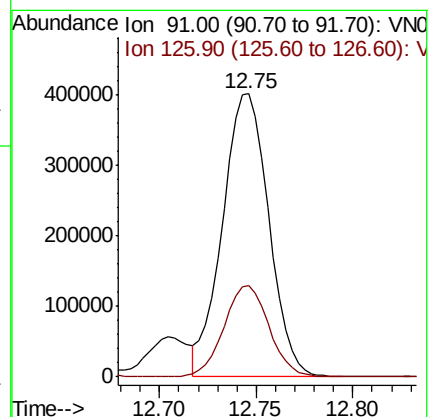
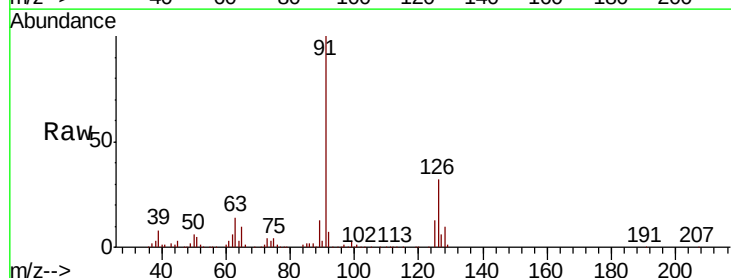
Acq: 18 Nov 2020 13:01

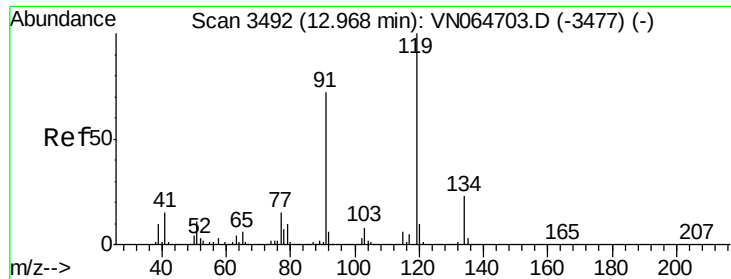
Tgt Ion: 91 Resp: 663809

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.7

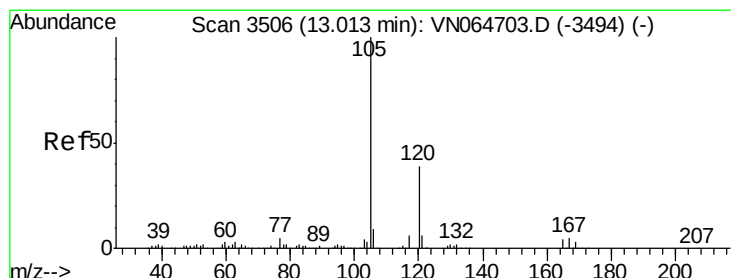
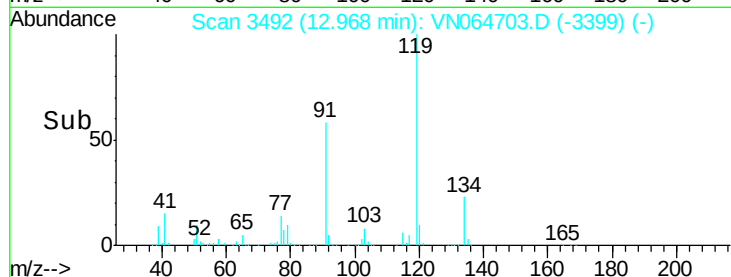
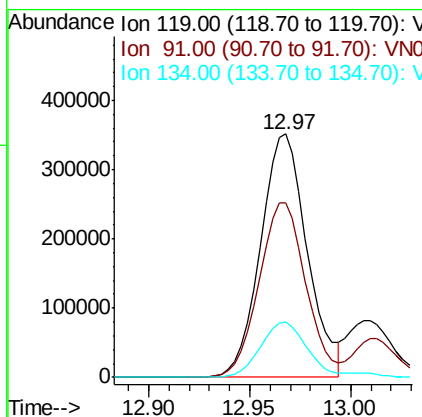
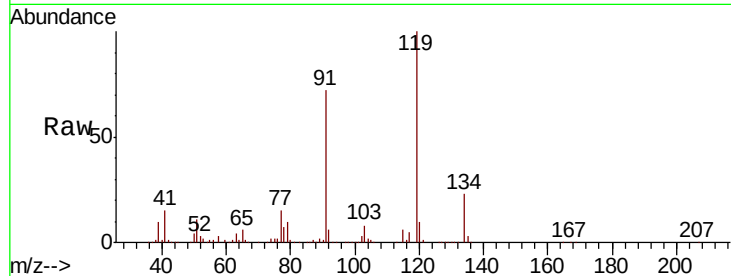




#83
 tert-Butylbenzene
 Concen: 48.651 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

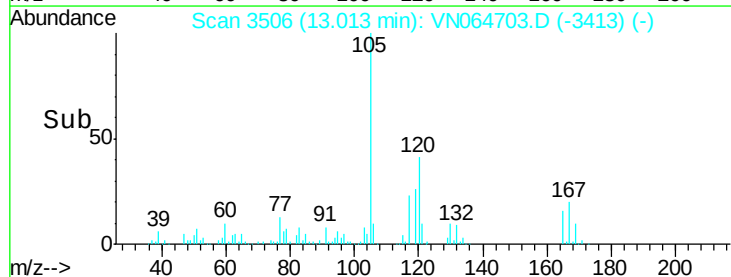
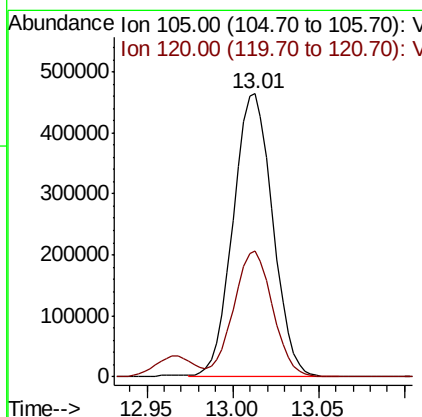
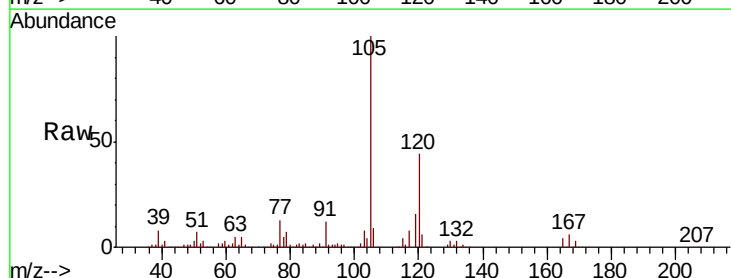
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

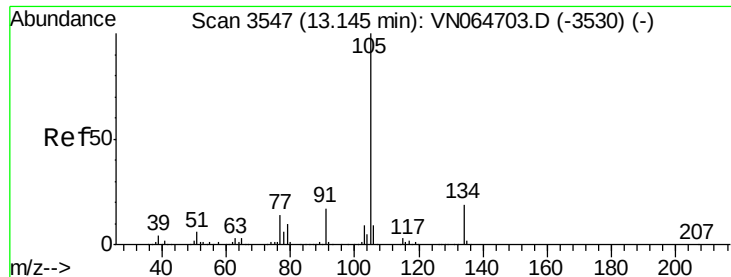
Tot Ion:119 Resp: 566430
 Ion Ratio Lower Upper
 119 100
 91 71.6 35.8 107.4
 134 24.1 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.582 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion:105 Resp: 740127
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.657 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

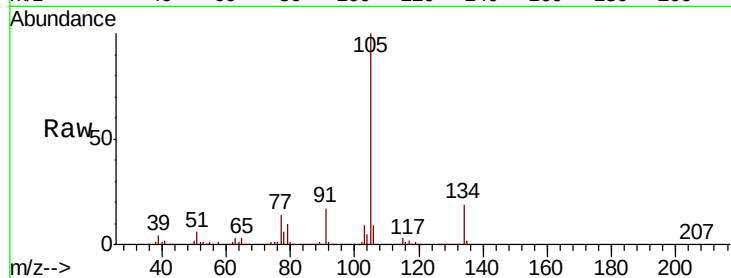
VSTDICCC050

Tot Ion:105 Resp: 747346

Ion Ratio Lower Upper

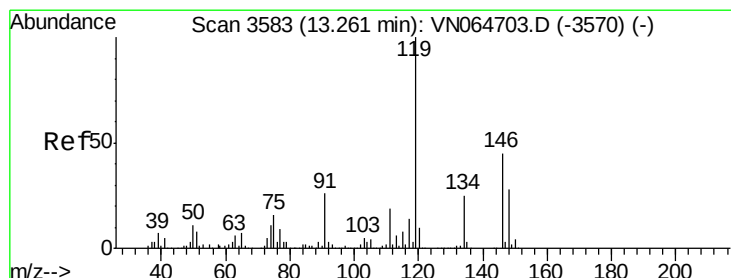
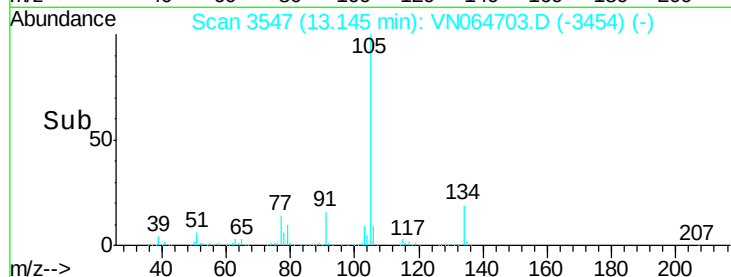
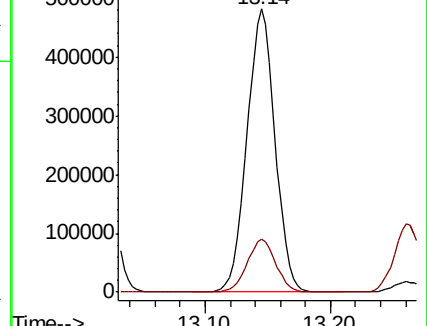
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.877 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

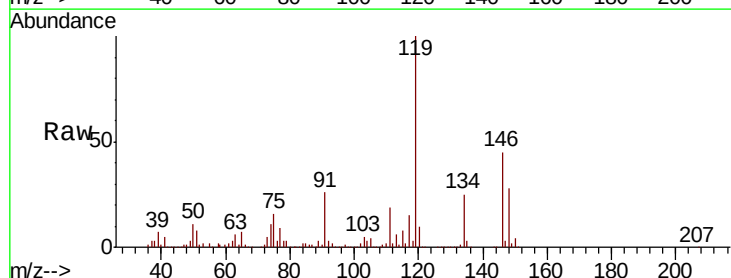
Tgt Ion:119 Resp: 690452

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

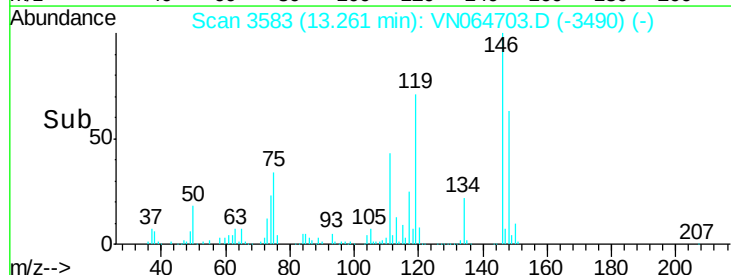
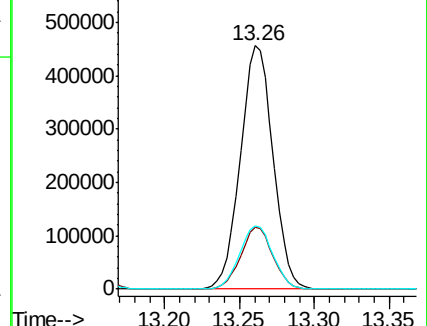
91 26.5 13.3 39.8

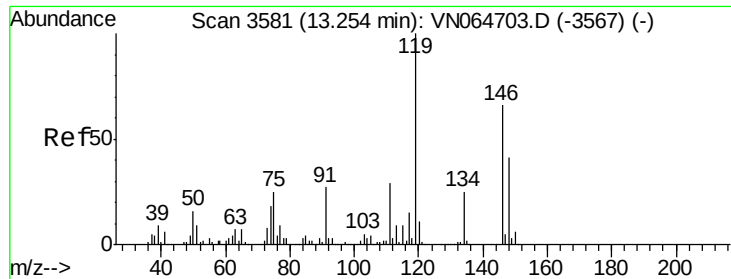


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

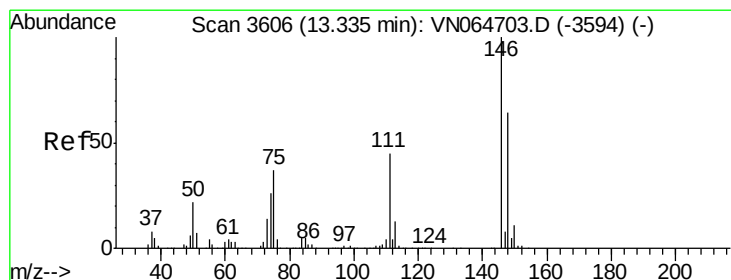
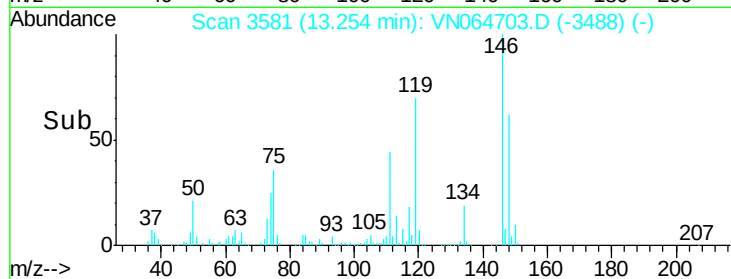
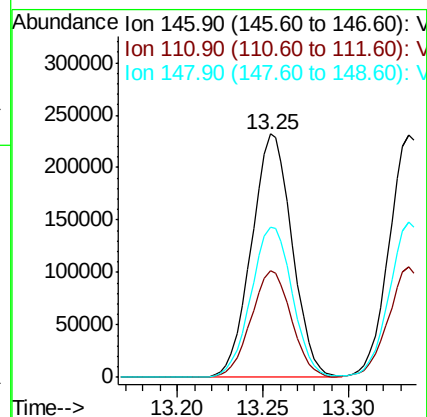
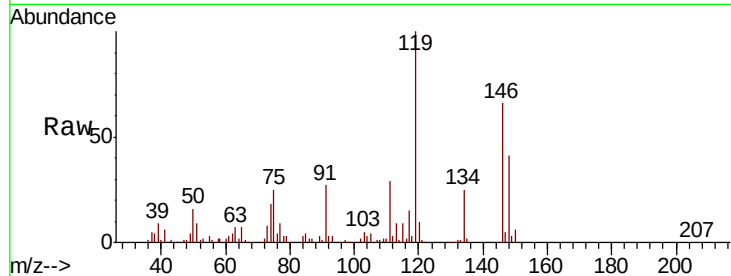




#87
 1,3-Dichlorobenzene
 Concen: 49.606 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

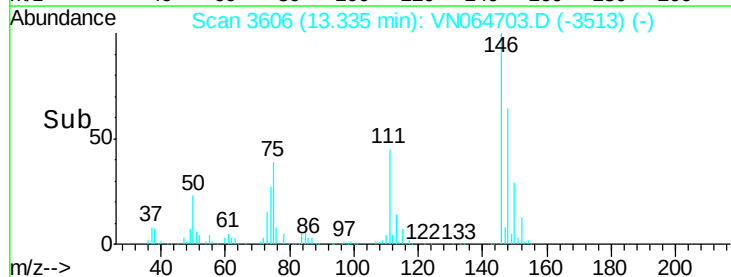
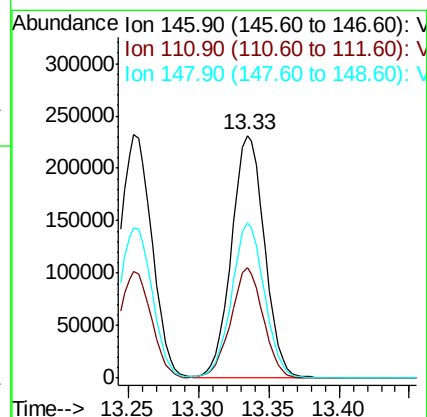
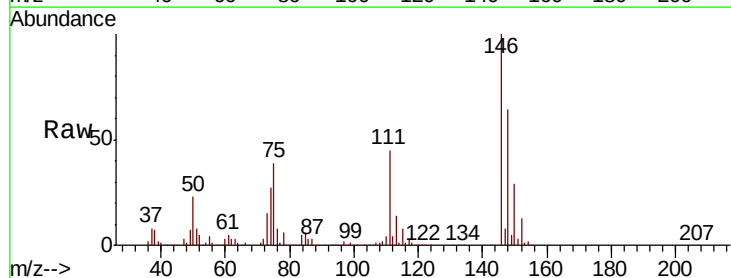
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

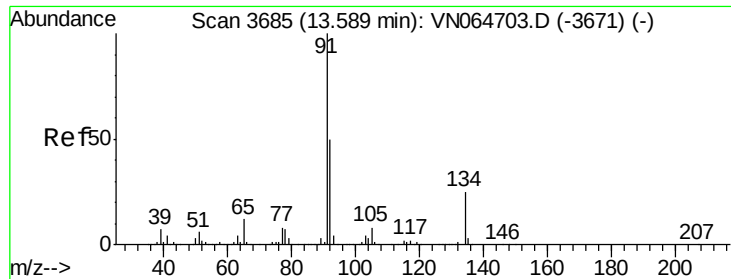
Tot Ion:146 Resp: 379802
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.8 65.4
 148 63.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.851 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion:146 Resp: 378816
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.3 66.8
 148 63.1 31.6 94.7

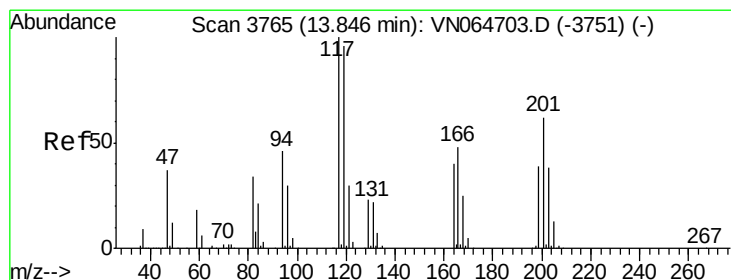
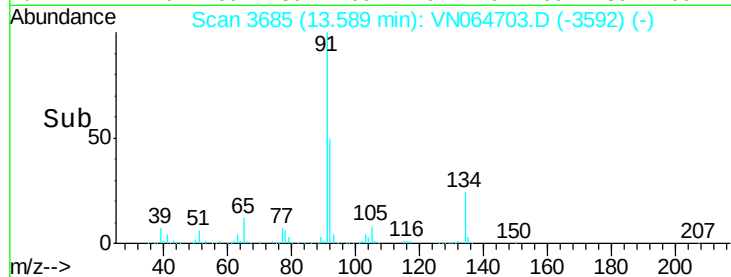
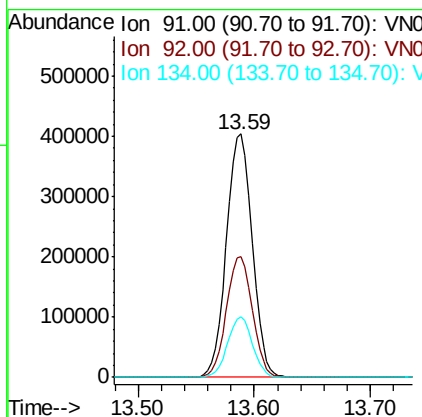
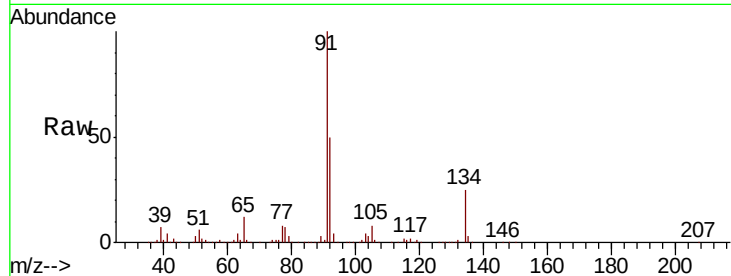




#89
n-Butylbenzene
Concen: 54.037 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

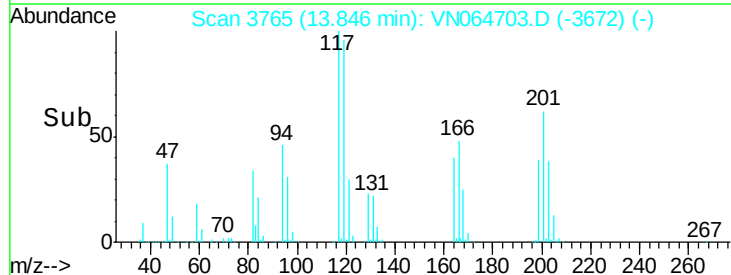
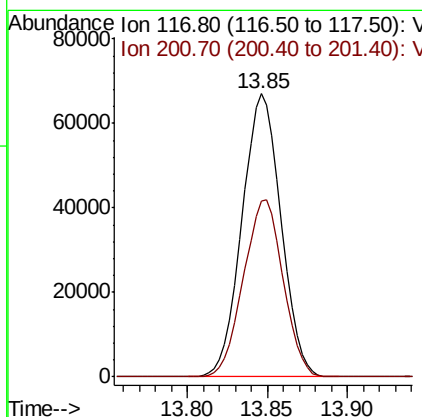
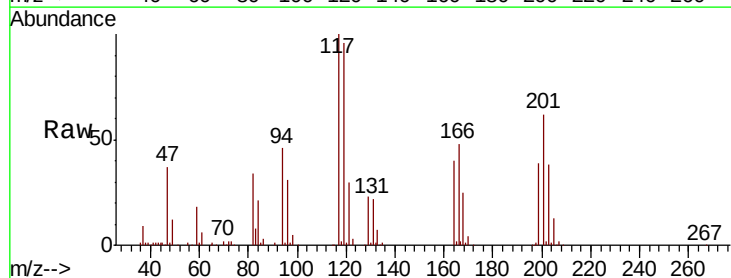
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

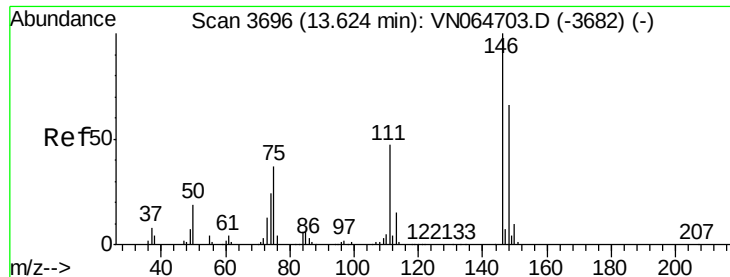
Tot Ion: 91 Resp: 622419
Ion Ratio Lower Upper
91 100
92 49.9 24.9 74.8
134 24.0 12.0 36.0



#90
Hexachloroethane
Concen: 44.427 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064703.D
Acq: 18 Nov 2020 13:01

Tgt Ion: 117 Resp: 111596
Ion Ratio Lower Upper
117 100
201 63.7 31.9 95.5

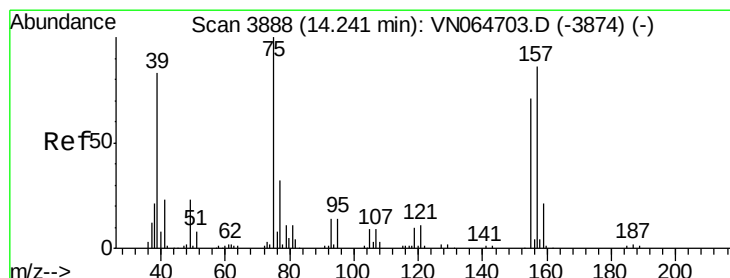
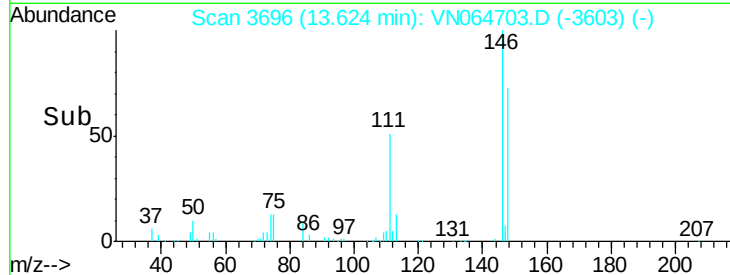
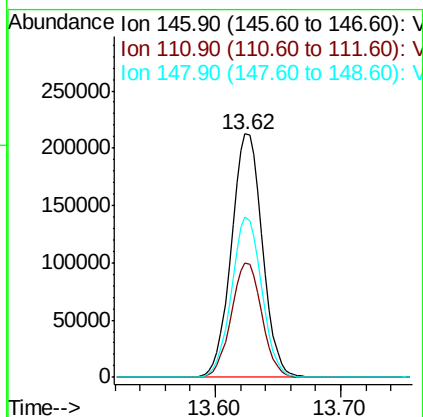
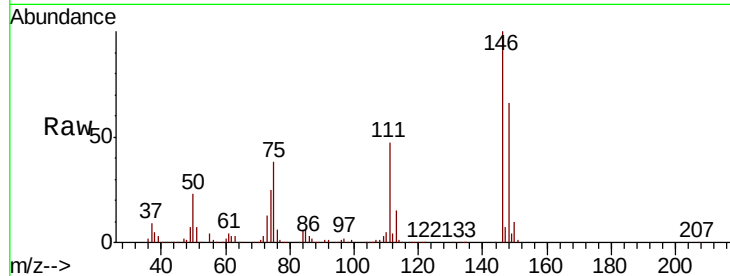




#91
 1,2-Dichlorobenzene
 Concen: 49.584 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

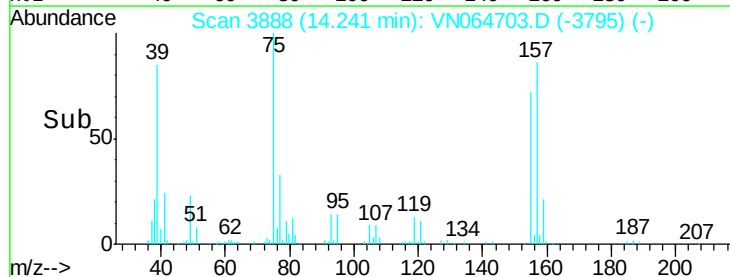
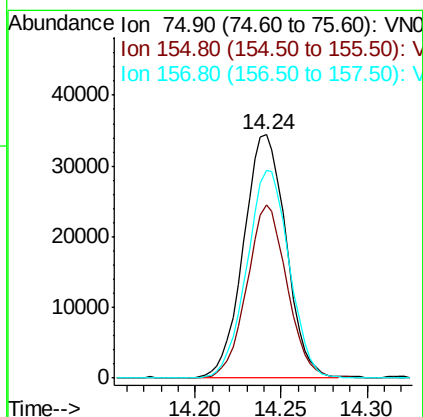
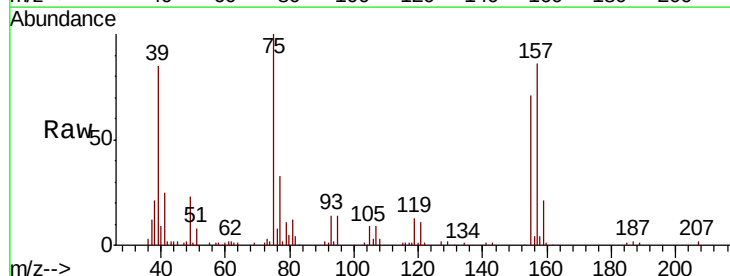
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

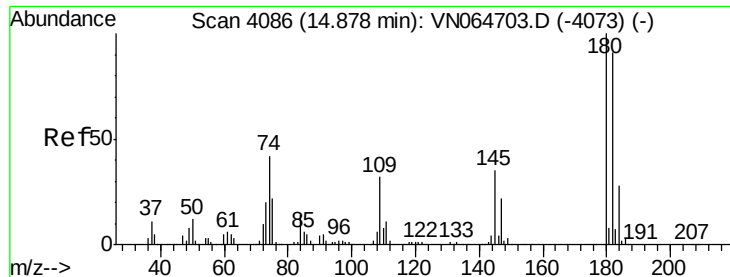
Tot Ion:146 Resp: 364111
 Ion Ratio Lower Upper
 146 100
 111 46.2 23.1 69.3
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.009 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion: 75 Resp: 59164
 Ion Ratio Lower Upper
 75 100
 155 67.1 33.6 100.6
 157 84.8 42.4 127.2

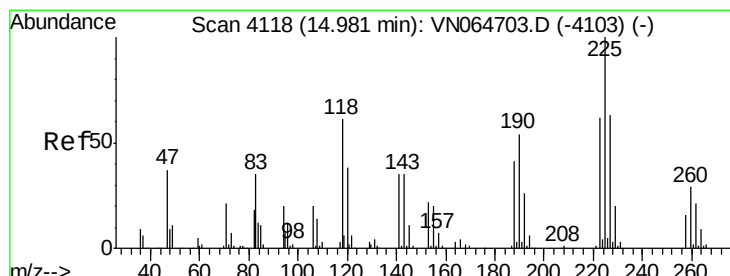
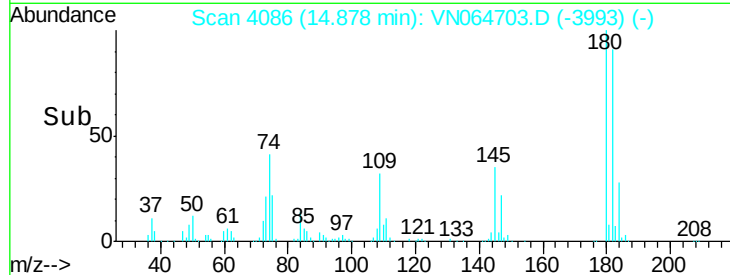
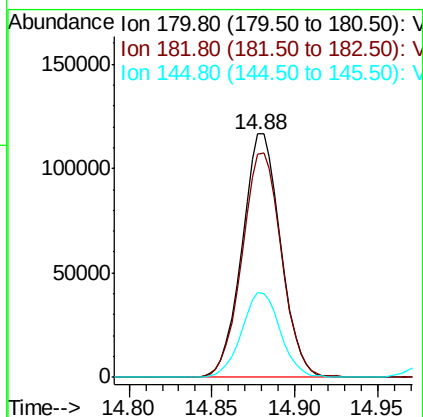
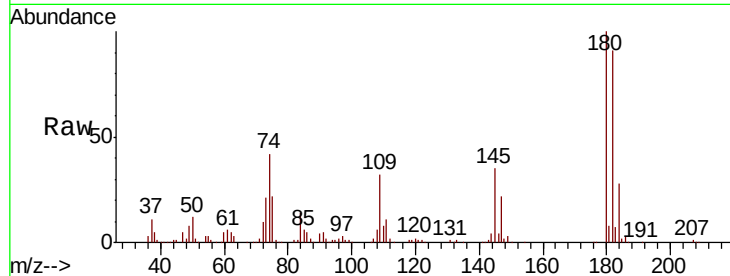




#93
 1,2,4-Trichlorobenzene
 Concen: 61.275 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

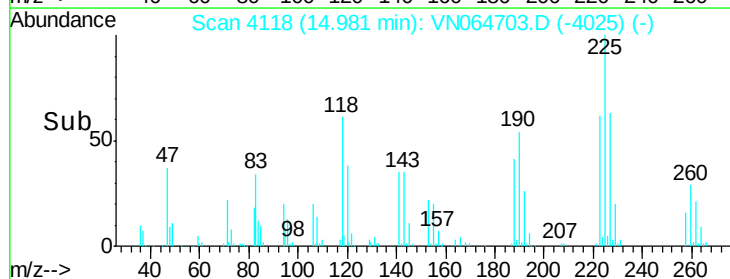
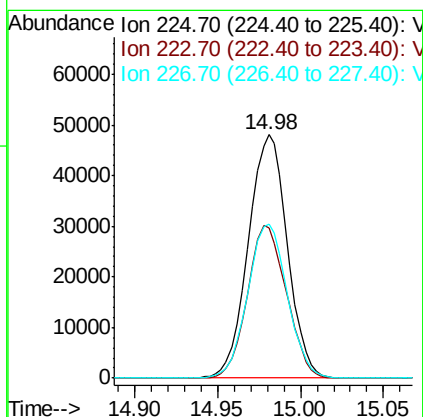
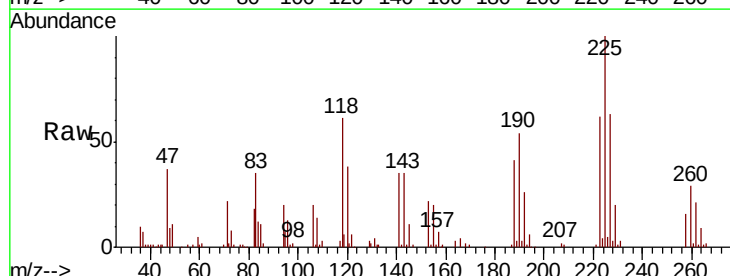
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

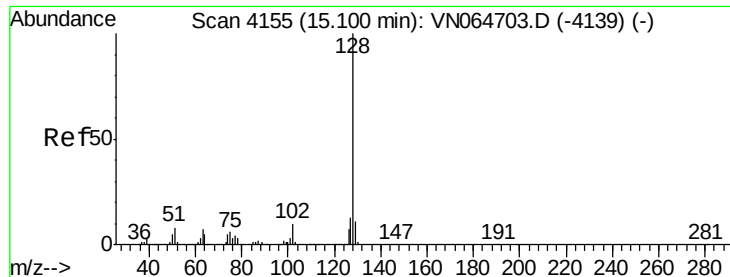
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	35.0	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 51.890 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064703.D
 Acq: 18 Nov 2020 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.2	93.6
227	64.2	32.1	96.3





#95

Naphthalene

Concen: 64.869 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

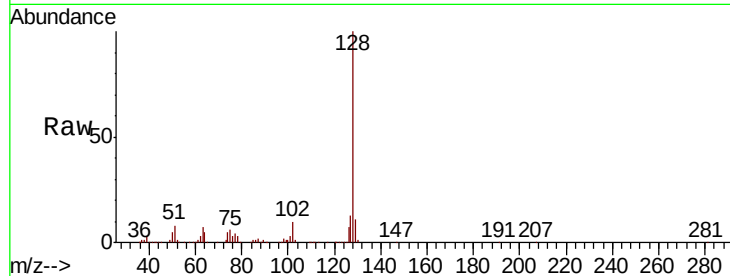
Tot Ion:128 Resp: 658052

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

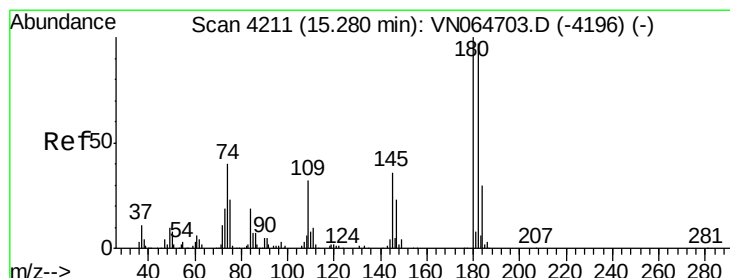
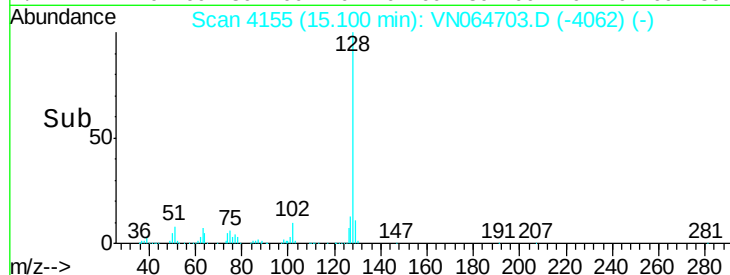
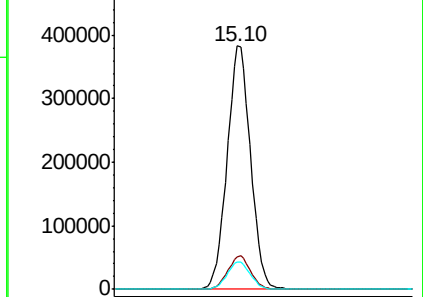
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 60.293 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064703.D

Acq: 18 Nov 2020 13:01

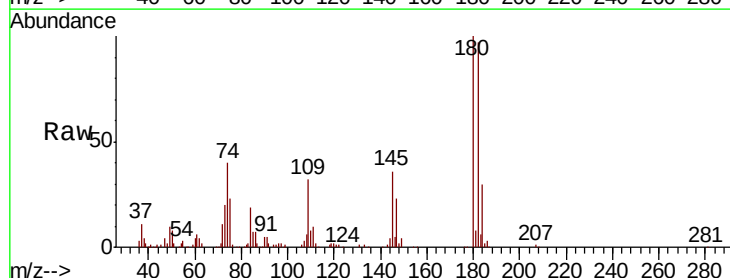
Tgt Ion:180 Resp: 185193

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 36.1 18.1 54.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

