

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064724.D
 Acq On : 19 Nov 2020 10:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 03:42:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221815	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	224826	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	
35) Dibromofluoromethane	7.55	113	124605	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	10.06	98	602611	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.37	95	230998	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	164381	47.021	ug/l	98
3) Chloromethane	2.04	50	177520	45.922	ug/l	97
4) Vinyl Chloride	2.17	62	223197	55.335	ug/l	99
5) Bromomethane	2.54	94	159961	54.081	ug/l	96
6) Chloroethane	2.68	64	160261	58.887	ug/l	99
7) Trichlorofluoromethane	2.99	101	370744	51.319	ug/l	100
8) Diethyl Ether	3.37	74	138216	59.295	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	151878	48.648	ug/l	99
10) Methyl Iodide	3.91	142	176634	47.331	ug/l	98
11) Tert butyl alcohol	4.75	59	114233	239.235	ug/l	99
12) 1,1-Dichloroethene	3.69	96	142182	47.269	ug/l	95
13) Acrolein	3.57	56	32904	294.332	ug/l	95
14) Allyl chloride	4.27	41	252558	48.900	ug/l	99
15) Acrylonitrile	4.93	53	347461	247.818	ug/l	99
16) Acetone	3.78	43	275697	231.893	ug/l	99
17) Carbon Disulfide	4.01	76	420931	48.125	ug/l	100
18) Methyl Acetate	4.28	43	165942	46.053	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	495509	49.232	ug/l	100
20) Methylene Chloride	4.50	84	172925	47.447	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	157805	47.018	ug/l	97
22) Diisopropyl ether	5.90	45	550854	50.504	ug/l	99
23) Vinyl Acetate	5.84	43	2203315	250.306	ug/l	100
24) 1,1-Dichloroethane	5.80	63	310184	48.540	ug/l	99
25) 2-Butanone	6.78	43	475669	252.786	ug/l	99
26) 2,2-Dichloropropane	6.78	77	292960	48.245	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	181479	49.045	ug/l	99
28) Bromochloromethane	7.14	49	156295	48.508	ug/l	98
29) Tetrahydrofuran	7.16	42	327533	257.615	ug/l	99
30) Chloroform	7.32	83	341461	49.170	ug/l	99
31) Cyclohexane	7.61	56	251202	47.209	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	309243	48.719	ug/l	99
36) 1,1-Dichloropropene	7.75	75	246641	51.516	ug/l	99
37) Ethyl Acetate	6.88	43	216651	54.042	ug/l	99
38) Carbon Tetrachloride	7.73	117	274952	54.038	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223608	52.711	ug/l	99
40) Benzene	8.00	78	704009	52.774	ug/l	99
41) Methacrylonitrile	7.13	41	109184	59.421	ug/l	90
42) 1,2-Dichloroethane	8.08	62	301431	52.518	ug/l	98
43) Isopropyl Acetate	8.13	43	385140	49.565	ug/l	99
44) Trichloroethene	8.80	130	192914	50.390	ug/l	97
45) 1,2-Dichloropropane	9.08	63	190784	53.654	ug/l	97
46) Dibromomethane	9.17	93	136307	54.078	ug/l	97
47) Bromodichloromethane	9.37	83	284225	53.639	ug/l	99
48) Methyl methacrylate	9.16	41	196308	53.543	ug/l	98
49) 1,4-Dioxane	9.16	88	50265	1098.875	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1185922	252.757	ug/l	99
52) Toluene	10.12	92	455986	55.499	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	305519	53.874	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	315176	53.974	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	175560	53.275	ug/l	98
56) Ethyl methacrylate	10.40	69	260682	48.288	ug/l	99
57) 1,3-Dichloropropane	10.68	76	309603	54.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	716859	242.772	ug/l	100
59) 2-Hexanone	10.72	43	860898	249.843	ug/l	100
60) Dibromochloromethane	10.87	129	204813	53.795	ug/l	99
61) 1,2-Dibromoethane	10.97	107	186134	52.956	ug/l	98
64) Tetrachloroethene	10.60	164	209688	53.123	ug/l	98
65) Chlorobenzene	11.41	112	486699	51.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	188579	53.287	ug/l	97
67) Ethyl Benzene	11.48	91	885137	53.005	ug/l	99
68) m/p-Xylenes	11.59	106	666526	98.362	ug/l	99
69) o-Xylene	11.92	106	306961	52.688	ug/l	97
70) Styrene	11.94	104	549309	48.428	ug/l	99
71) Bromoform	12.10	173	131687	47.973	ug/l	100
73) Isopropylbenzene	12.22	105	827709	52.557	ug/l	100
74) N-amyl acetate	12.04	43	372019	50.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	217066	49.298	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	355002	74.278	ug/l #	100
77) Bromobenzene	12.50	156	196960	49.586	ug/l	98
78) n-propylbenzene	12.56	91	997196	54.371	ug/l	99
79) 2-Chlorotoluene	12.65	91	606036	51.628	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	717269	54.826	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	87420	47.224	ug/l	98
82) 4-Chlorotoluene	12.75	91	656938	52.485	ug/l	99
83) tert-Butylbenzene	12.97	119	549123	54.257	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	744188	55.736	ug/l	98
85) sec-Butylbenzene	13.14	105	742161	55.016	ug/l	99
86) p-Isopropyltoluene	13.26	119	682415	55.004	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	367281	50.748	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	376150	50.625	ug/l	99
89) n-Butylbenzene	13.59	91	612032	52.843	ug/l	99
90) Hexachloroethane	13.85	117	116296	56.703	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	356978	50.467	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59101	51.150	ug/l	97

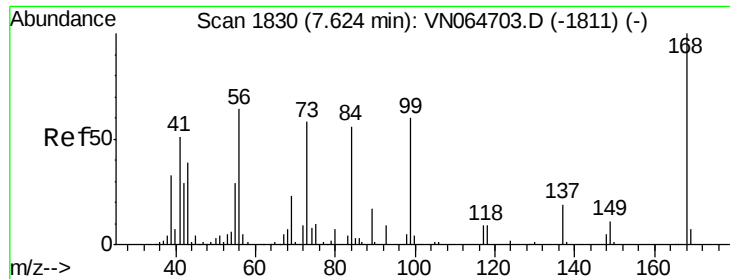
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	187876	48.846	ug/l	99
94) Hexachlorobutadiene	14.98	225	80047	50.782	ug/l	98
95) Naphthalene	15.10	128	633235	50.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	182513	49.463	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

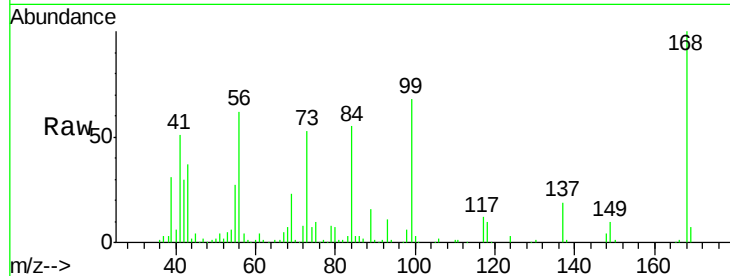
VSTDCCC050

Tot Ion:168 Resp: 279780

Ion Ratio Lower Upper

168 100

99 67.4 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

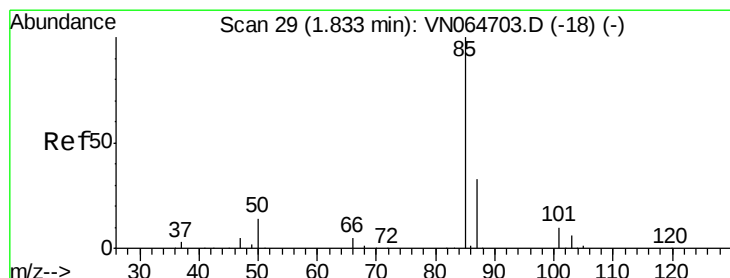
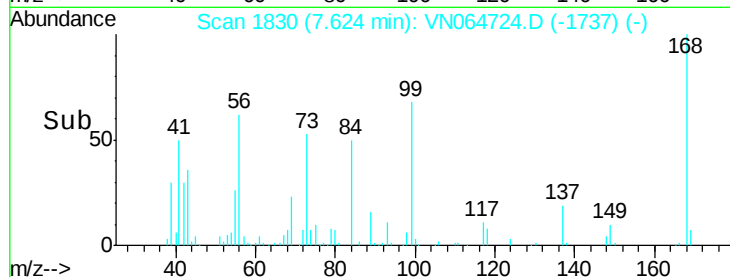
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.021 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064724.D

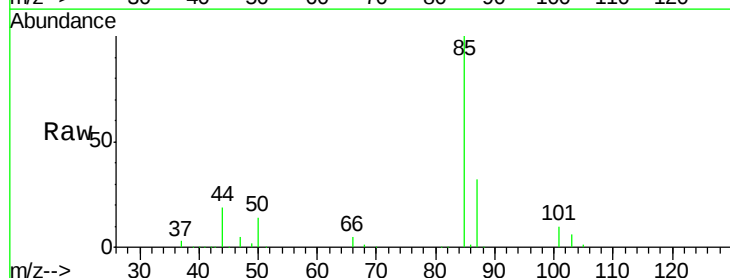
Acq: 19 Nov 2020 10:58

Tgt Ion: 85 Resp: 164381

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

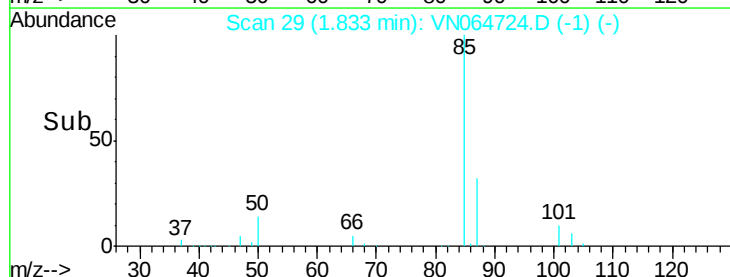
1.83

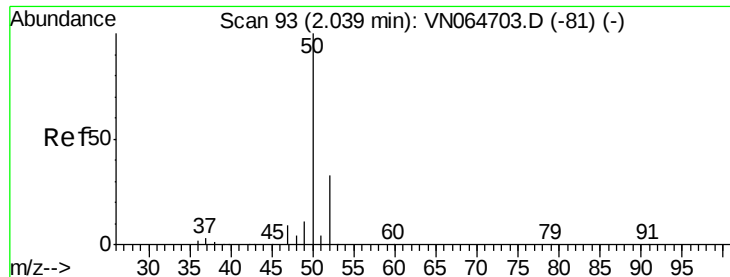
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 45.922 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

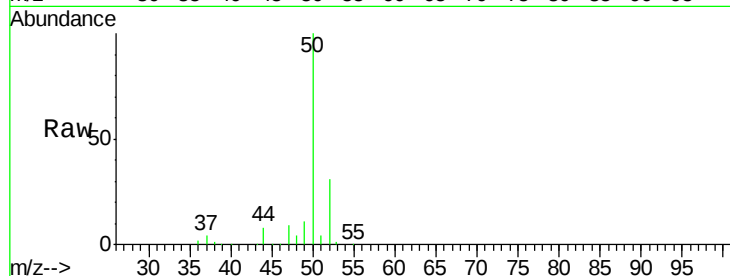
VSTDCCC050

Tot Ion: 50 Resp: 177520

Ion Ratio Lower Upper

50 100

52 31.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN064703.D (-81) (-)

Ion 51.90 (51.60 to 52.60): VN064724.D (-40) (-)

2.04

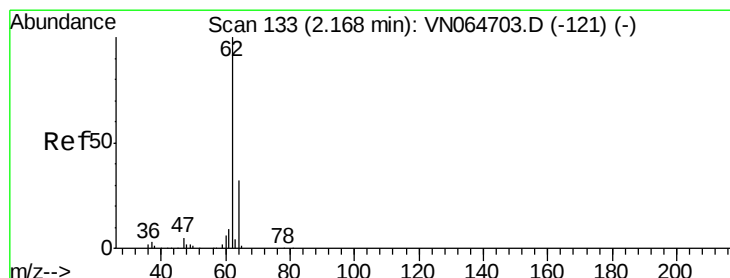
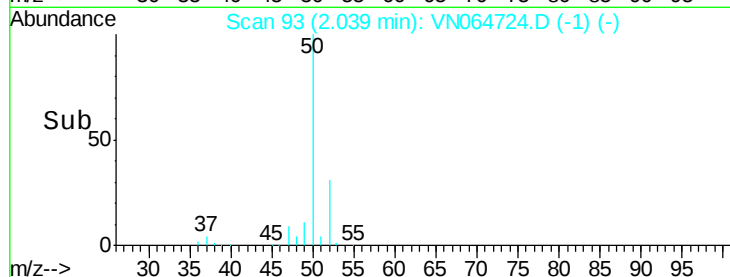
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 55.335 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064724.D

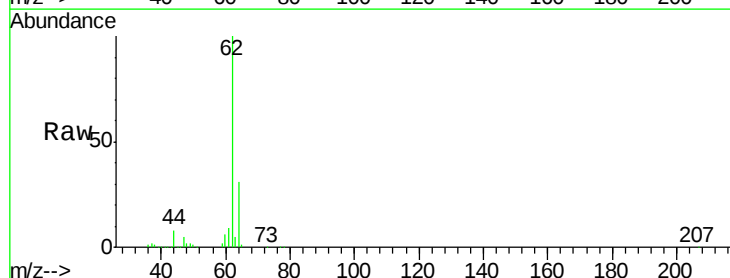
Acq: 19 Nov 2020 10:58

Tgt Ion: 62 Resp: 223197

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN064703.D (-121) (-)

Ion 63.90 (63.60 to 64.60): VN064724.D (-40) (-)

2.17

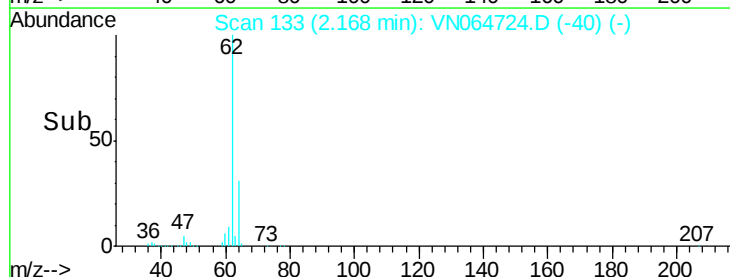
150000

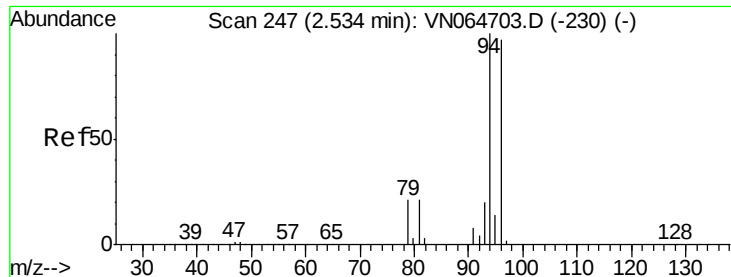
100000

50000

0

Time-->





#5

Bromomethane

Concen: 54.081 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

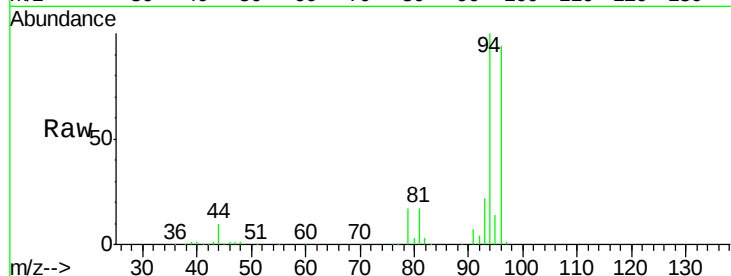
VSTDCCC050

Tot Ion: 94 Resp: 159961

Ion Ratio Lower Upper

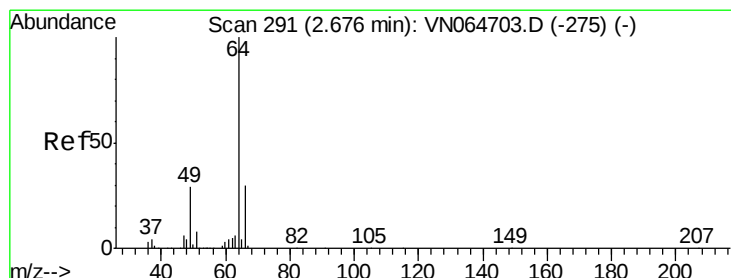
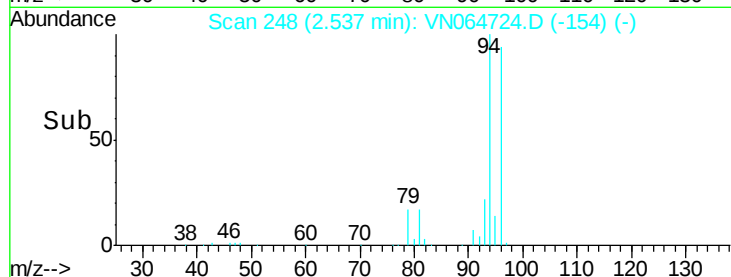
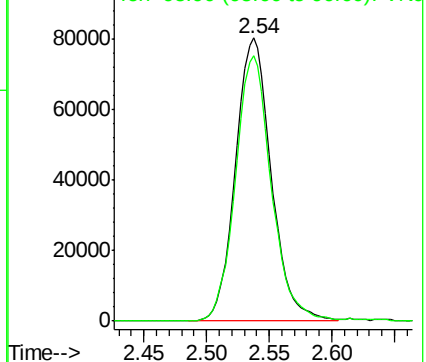
94 100

96 93.8 77.8 116.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 58.887 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064724.D

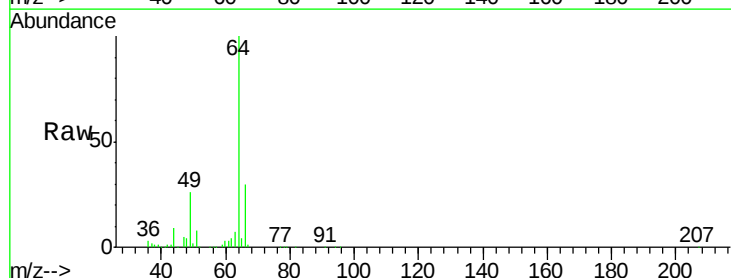
Acq: 19 Nov 2020 10:58

Tgt Ion: 64 Resp: 160261

Ion Ratio Lower Upper

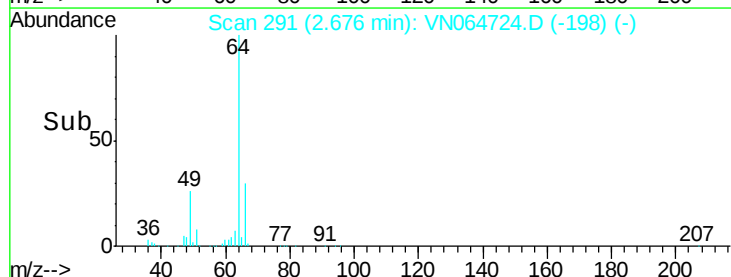
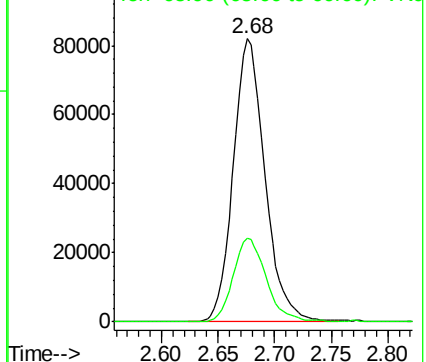
64 100

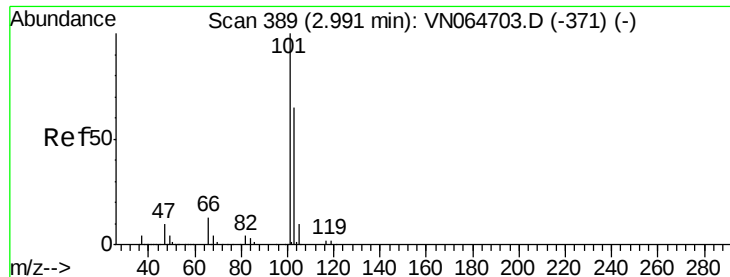
66 29.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 51.319 ug/l

RT: 2.99 min Scan# 389

Delta R.T. -0.00 min

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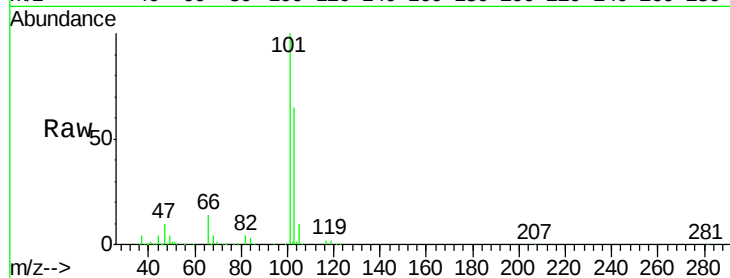
VSTDCCC050

Tot Ion:101 Resp: 370744

Ion Ratio Lower Upper

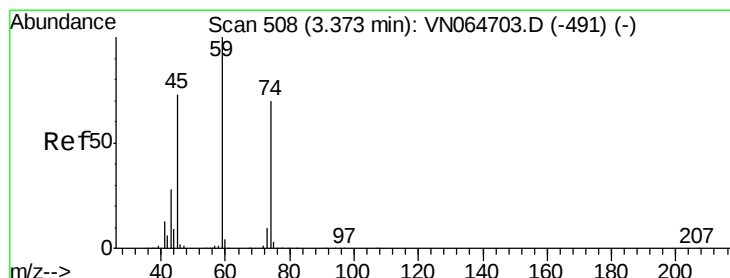
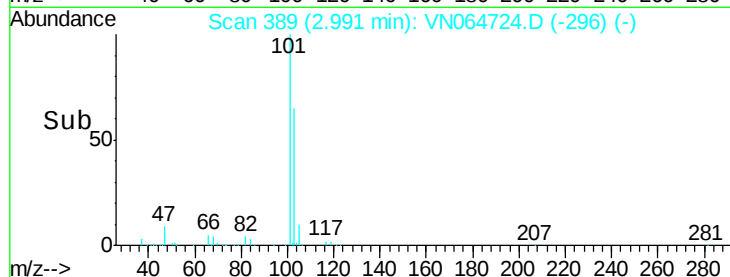
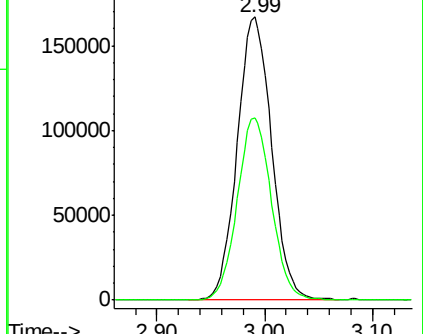
101 100

103 64.6 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 59.295 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN064724.D

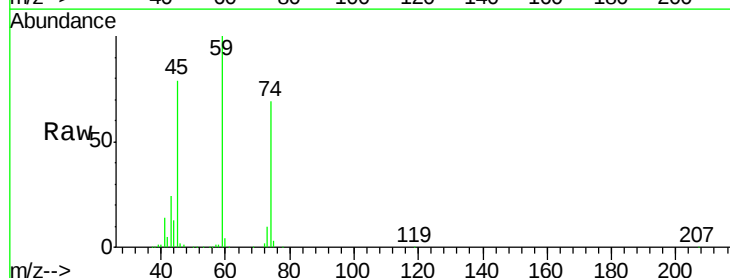
Acq: 19 Nov 2020 10:58

Tgt Ion: 74 Resp: 138216

Ion Ratio Lower Upper

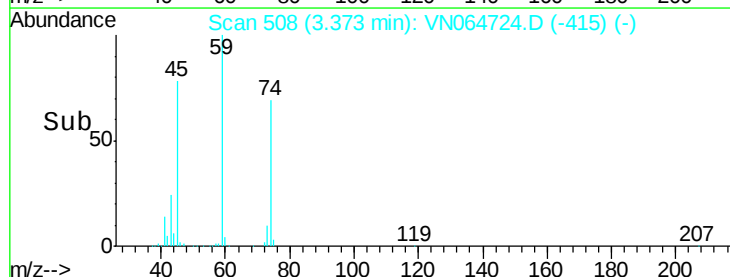
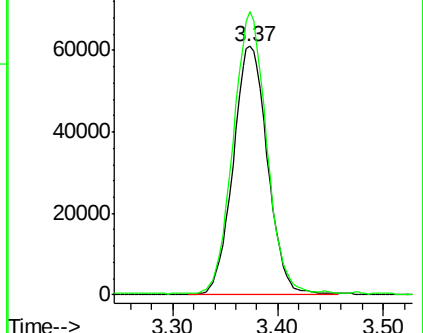
74 100

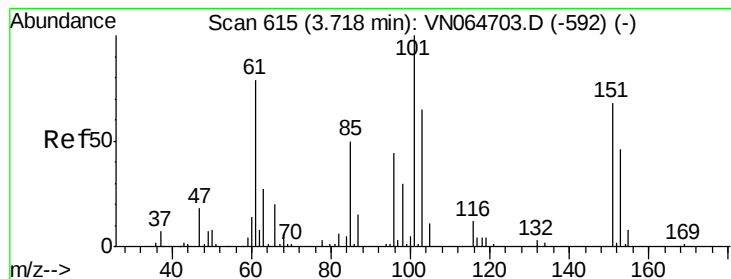
45 109.5 52.8 158.5



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.648 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

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VSTDCCC050

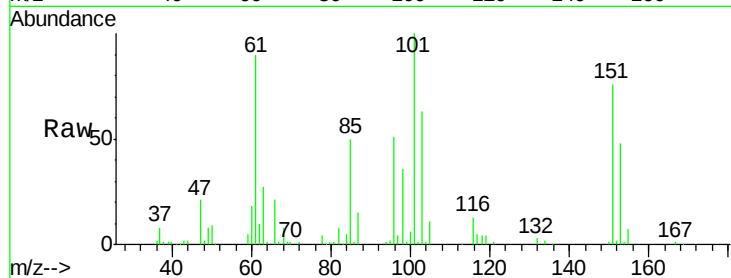
Tot Ion:101 Resp: 151878

Ion Ratio Lower Upper

101 100

85 48.1 39.0 58.4

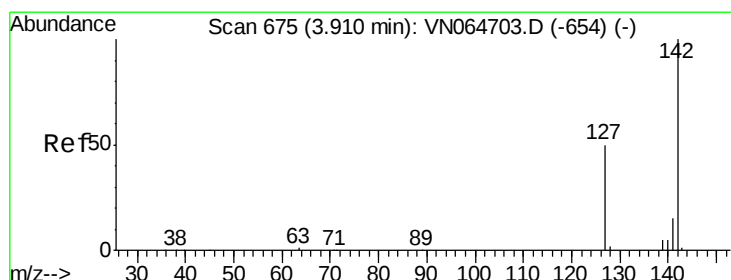
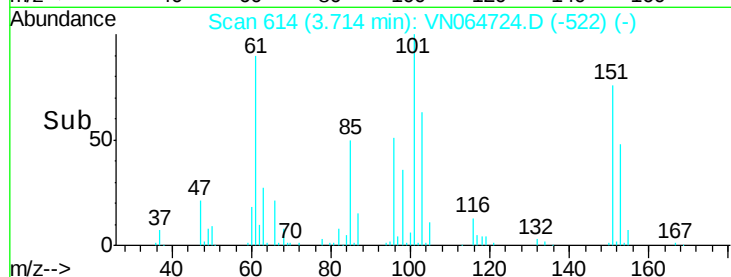
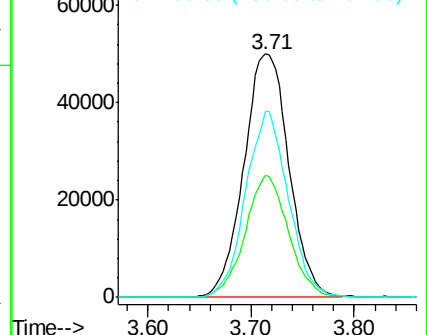
151 72.2 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.331 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

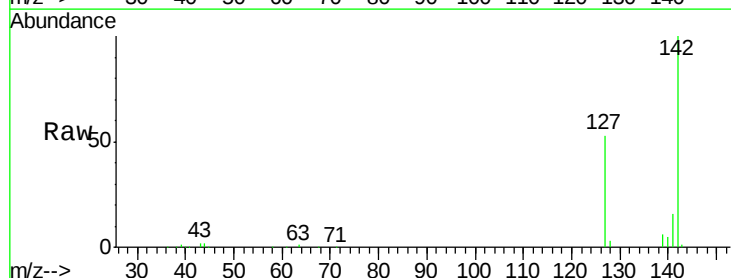
Tgt Ion:142 Resp: 176634

Ion Ratio Lower Upper

142 100

127 54.0 42.0 63.0

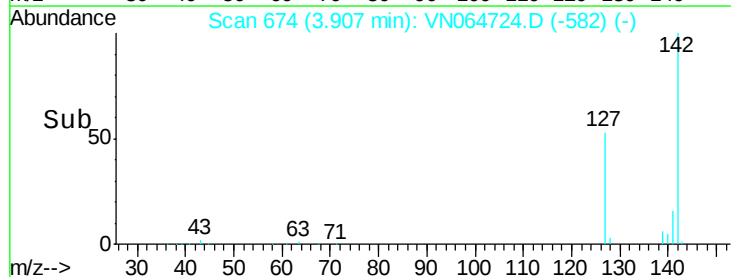
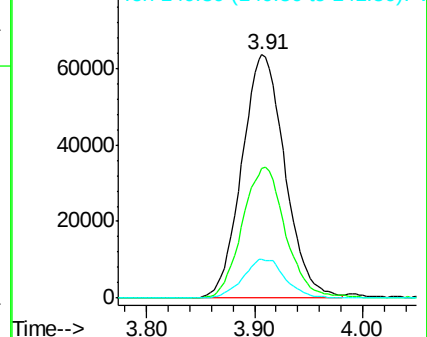
141 15.6 12.1 18.1

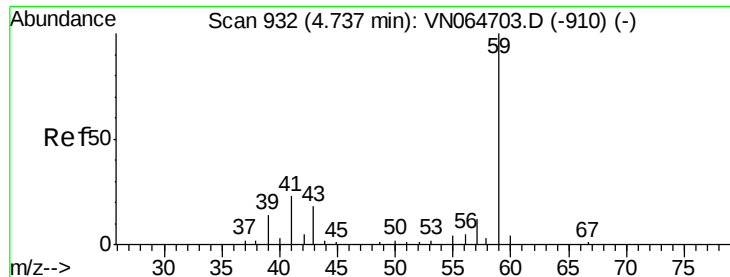


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

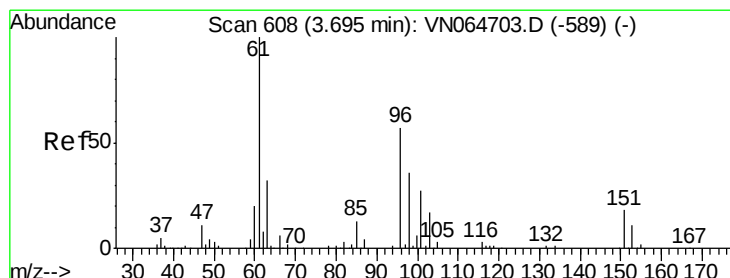
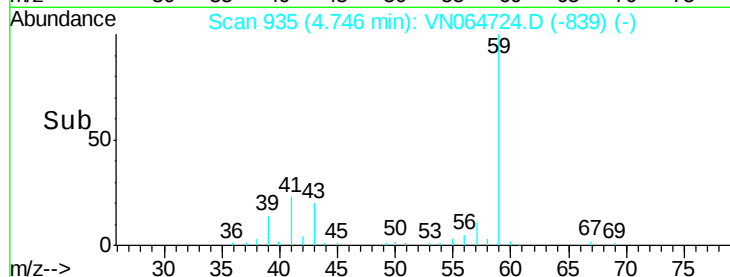
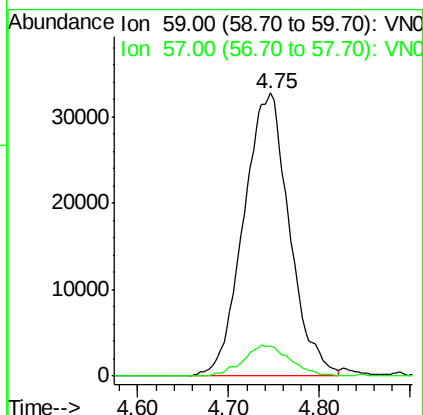
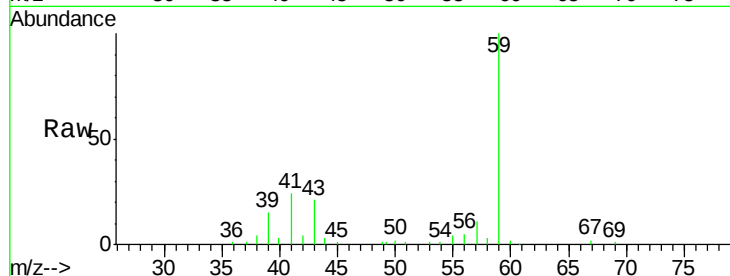




#11
Tert butyl alcohol
Concen: 239.235 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

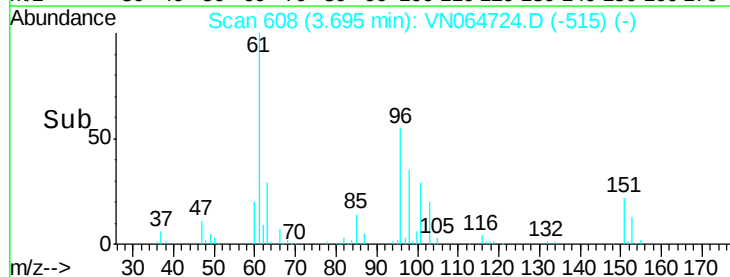
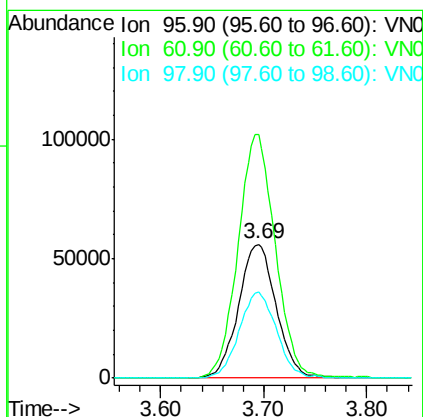
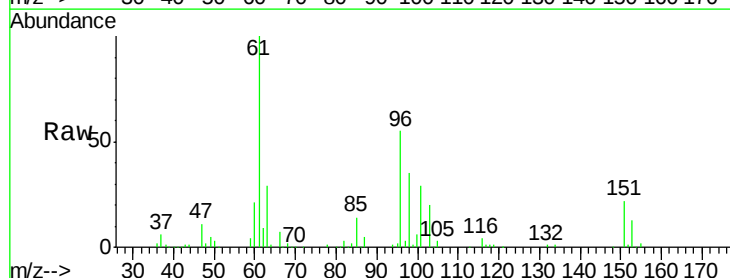
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

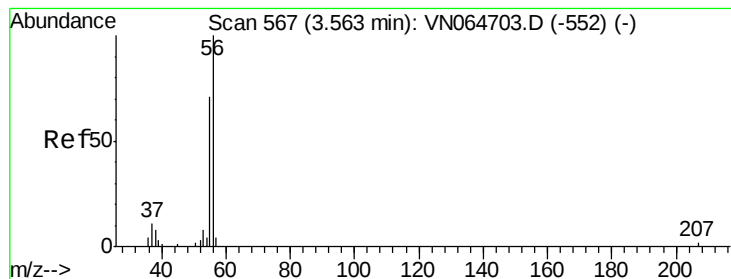
Tot Ion: 59 Resp: 114233
Ion Ratio Lower Upper
59 100
57 11.0 9.1 13.7



#12
1,1-Dichloroethene
Concen: 47.269 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 96 Resp: 142182
Ion Ratio Lower Upper
96 100
61 181.7 139.1 208.7
98 64.0 50.2 75.2





#13

Acrolein

Concen: 294.332 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

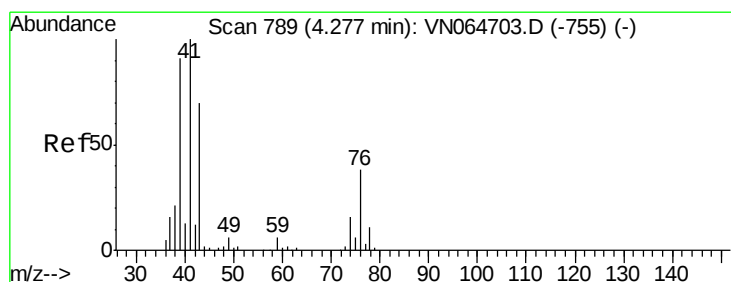
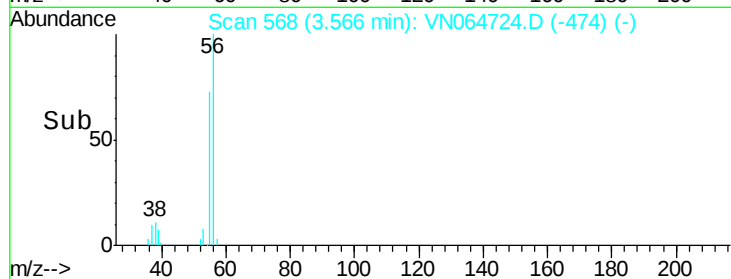
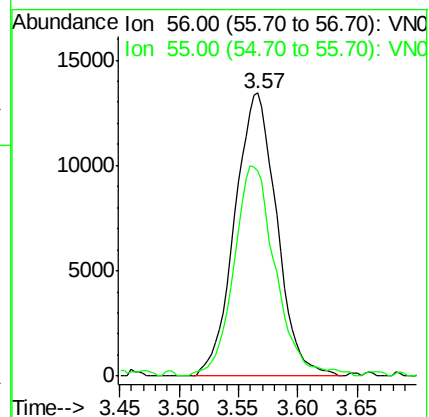
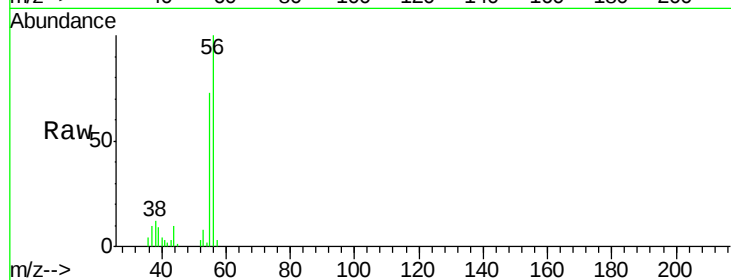
VSTDCCC050

Tot Ion: 56 Resp: 32904

Ion Ratio Lower Upper

56 100

55 72.6 61.8 92.6



#14

Allyl chloride

Concen: 48.900 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

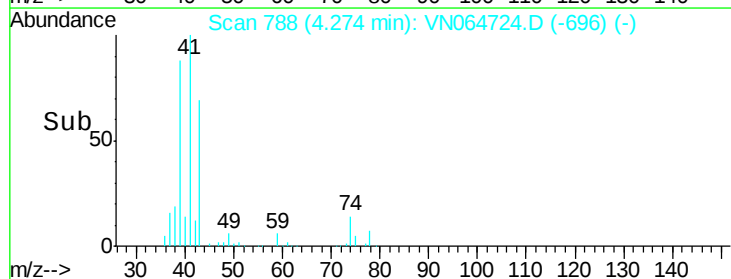
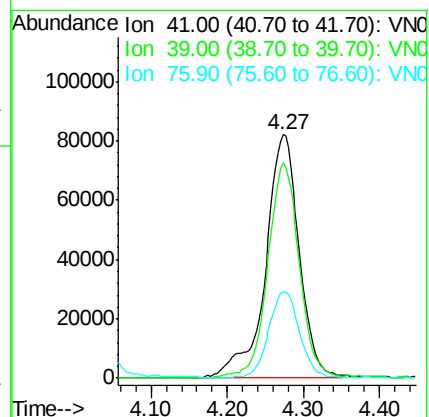
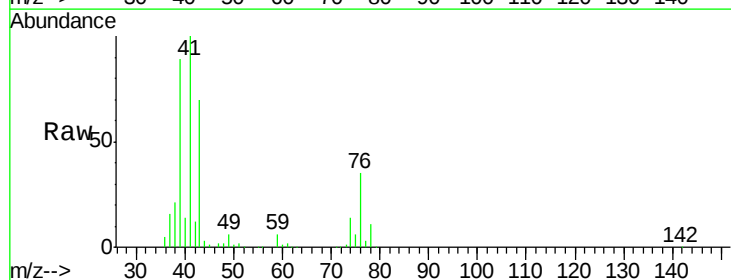
Tgt Ion: 41 Resp: 252558

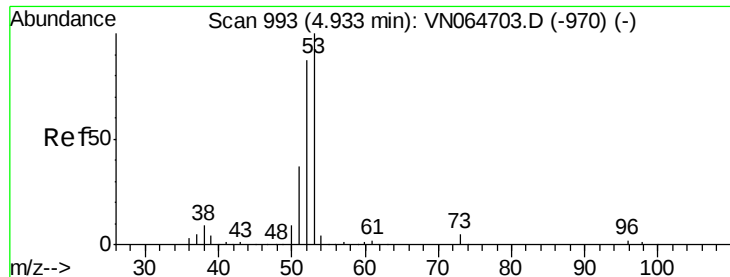
Ion Ratio Lower Upper

41 100

39 82.9 66.1 99.1

76 32.2 26.6 40.0





#15

Acrylonitrile

Concen: 247.818 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

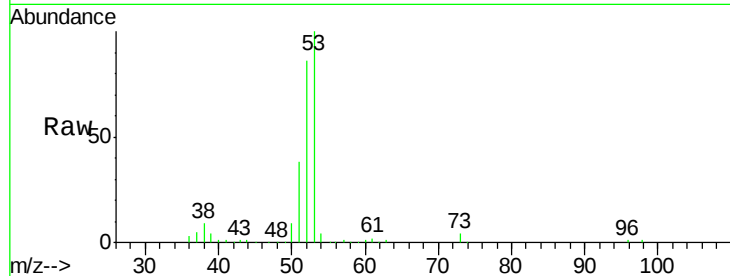
Tot Ion: 53 Resp: 347461

Ion Ratio Lower Upper

53 100

52 84.2 67.2 100.8

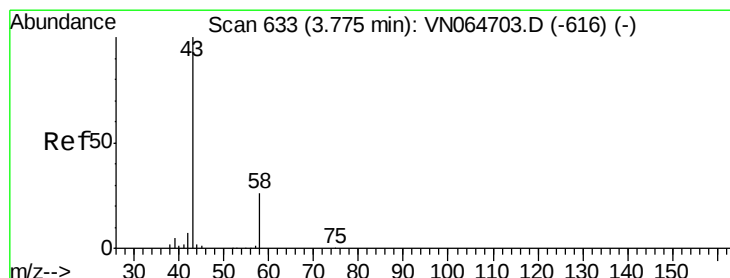
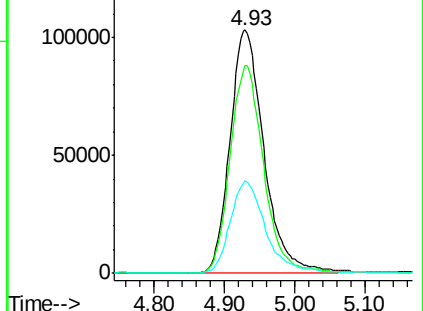
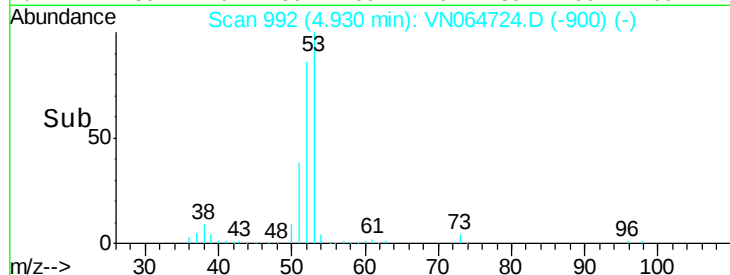
51 39.6 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VN064724.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064724.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064724.D (-900) (-)



#16

Acetone

Concen: 231.893 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064724.D

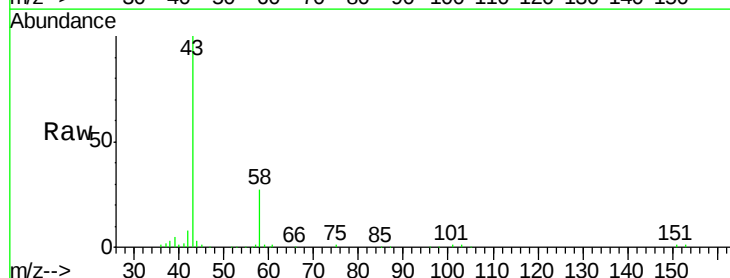
Acq: 19 Nov 2020 10:58

Tgt Ion: 43 Resp: 275697

Ion Ratio Lower Upper

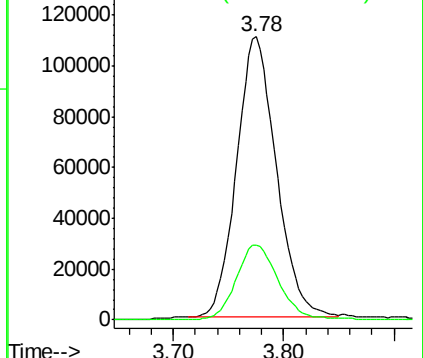
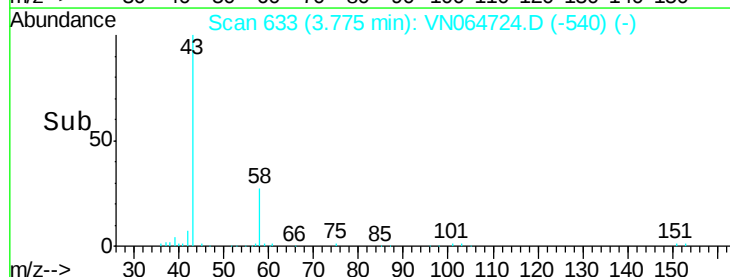
43 100

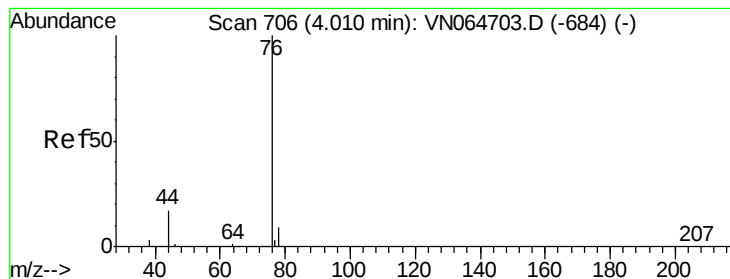
58 26.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064724.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064724.D (-540) (-)





#17

Carbon Disulfide

Concen: 48.125 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

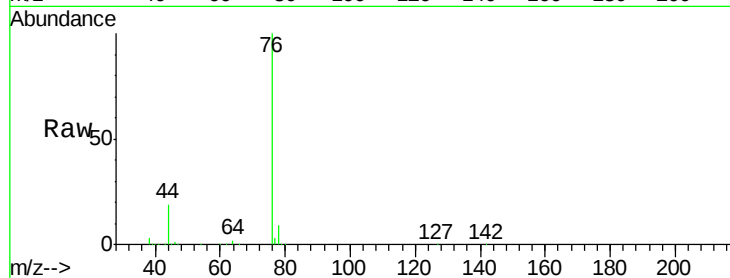
VSTDCCC050

Tot Ion: 76 Resp: 420931

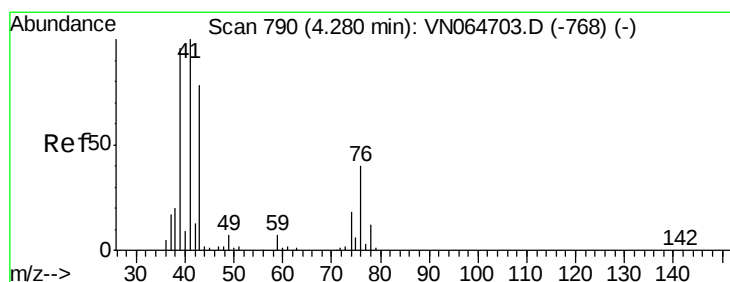
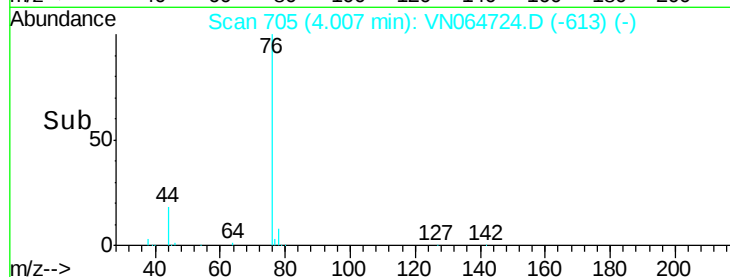
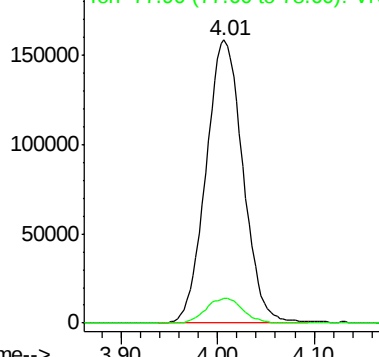
Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 46.053 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064724.D

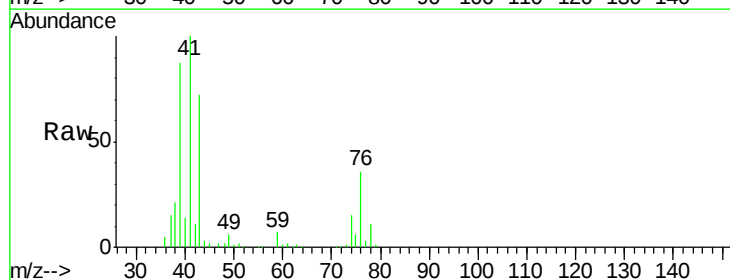
Acq: 19 Nov 2020 10:58

Tgt Ion: 43 Resp: 165942

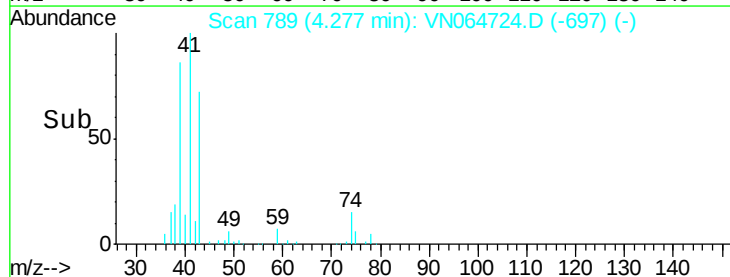
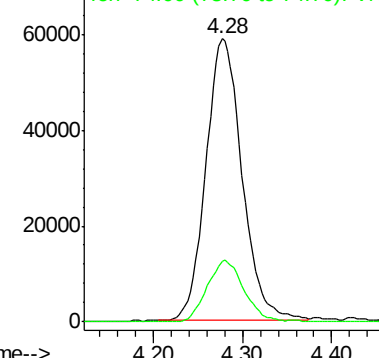
Ion Ratio Lower Upper

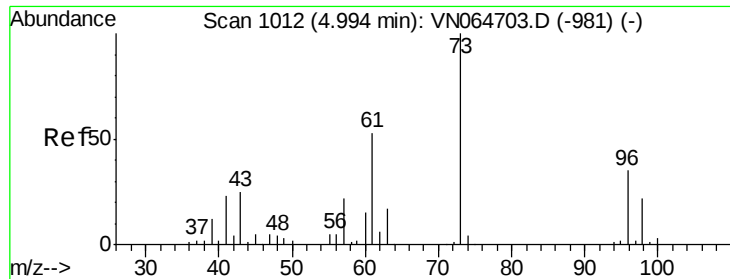
43 100

74 22.0 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

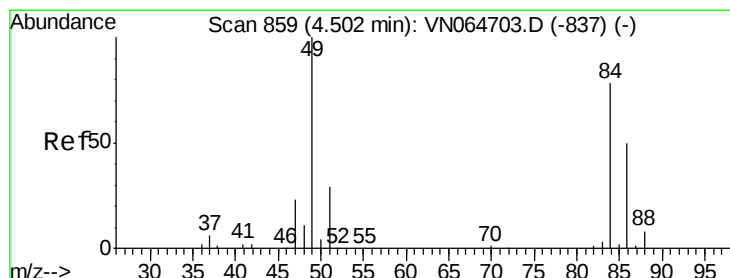
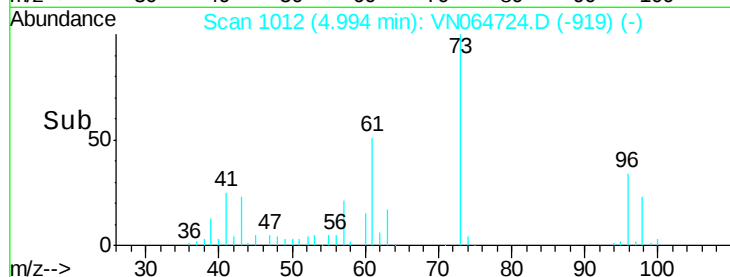
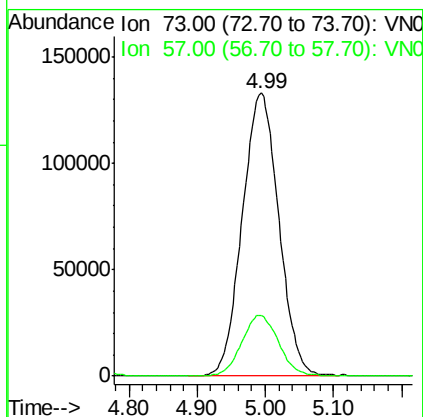
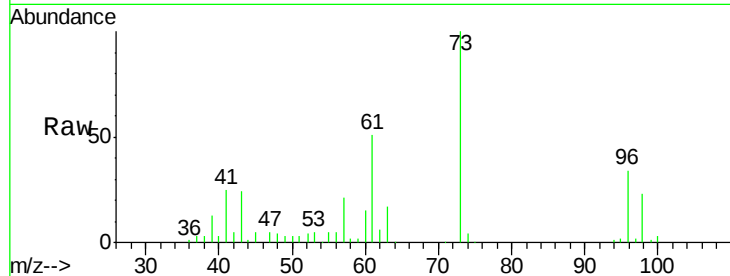




#19
Methyl tert-butyl Ether
Concen: 49.232 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

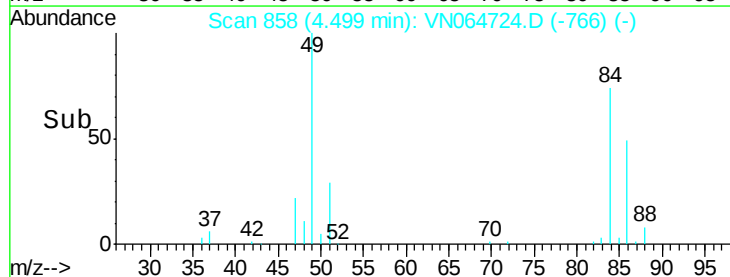
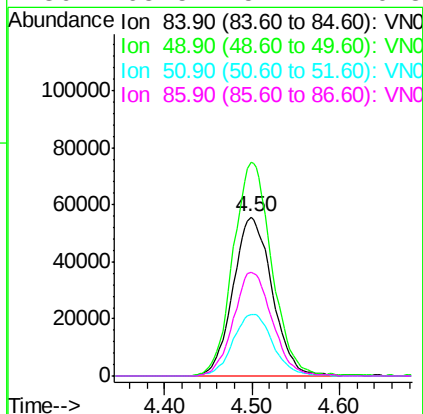
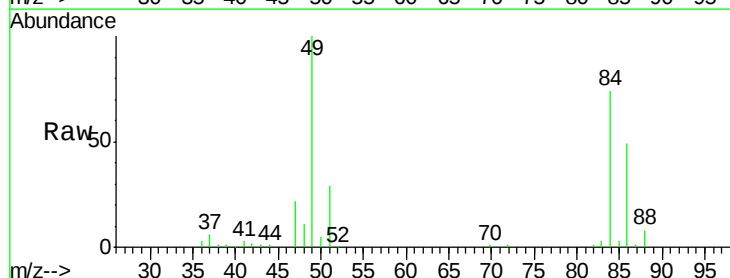
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

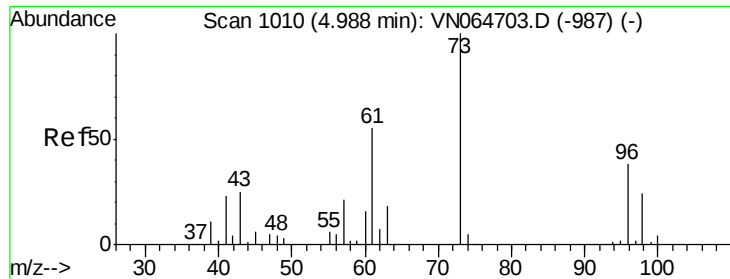
Tot Ion: 73 Resp: 495509
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 47.447 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 84 Resp: 172925
Ion Ratio Lower Upper
84 100
49 134.6 102.4 153.6
51 38.8 29.4 44.2
86 65.5 51.2 76.8

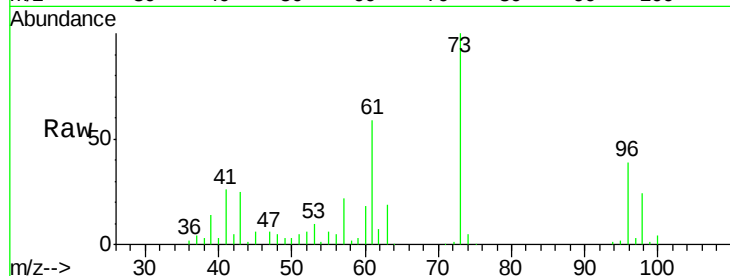




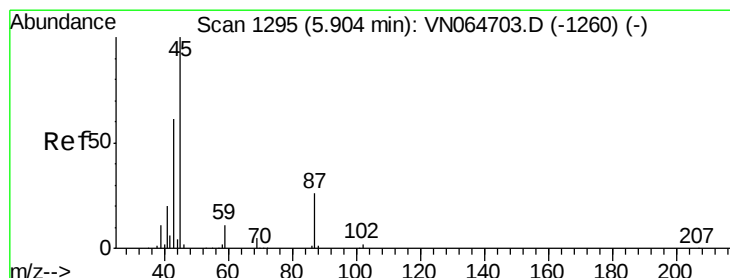
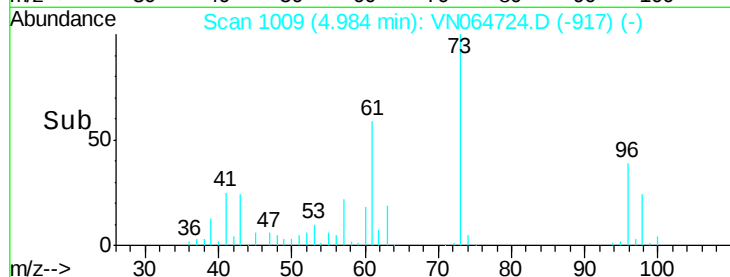
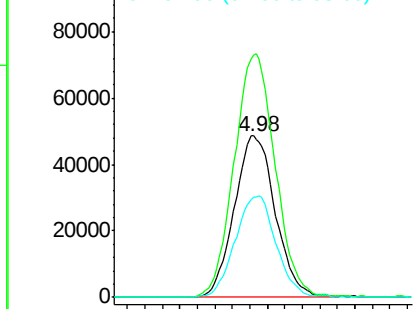
#21
trans-1,2-Dichloroethene
Concen: 47.018 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 157805
Ion Ratio Lower Upper
96 100
61 150.6 117.9 176.9
98 61.8 51.1 76.7

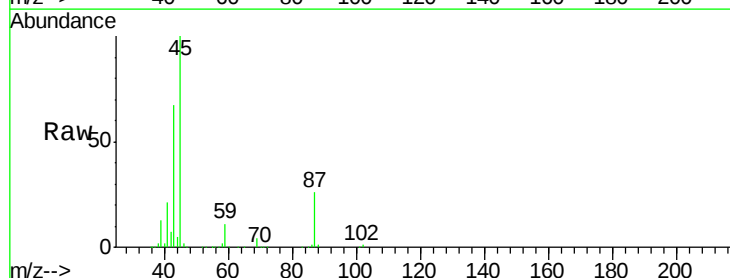


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

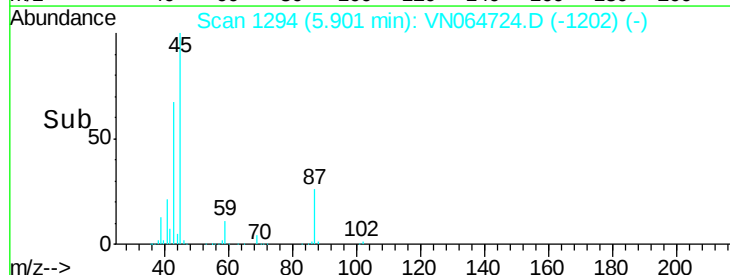
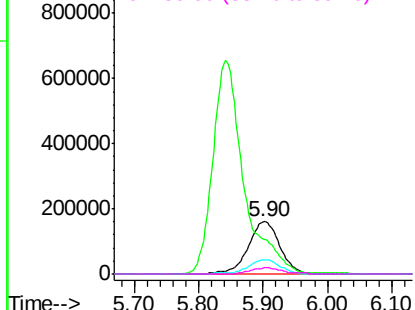


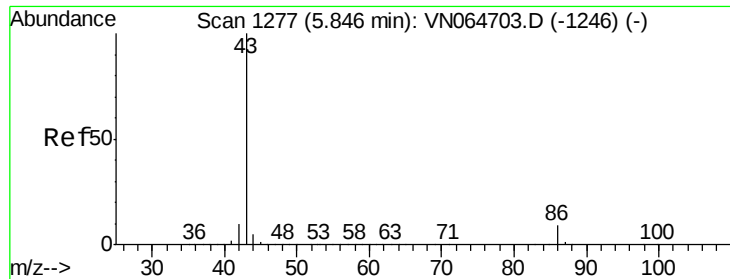
#22
Diisopropyl ether
Concen: 50.504 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 45 Resp: 550854
Ion Ratio Lower Upper
45 100
43 65.7 52.3 78.5
87 26.3 21.6 32.4
59 11.0 8.7 13.1



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

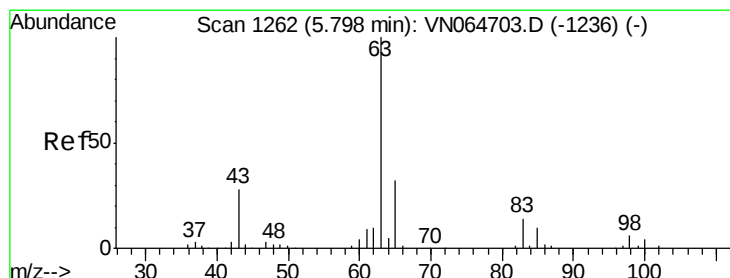
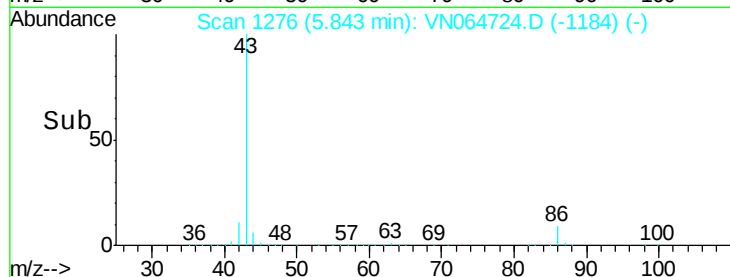
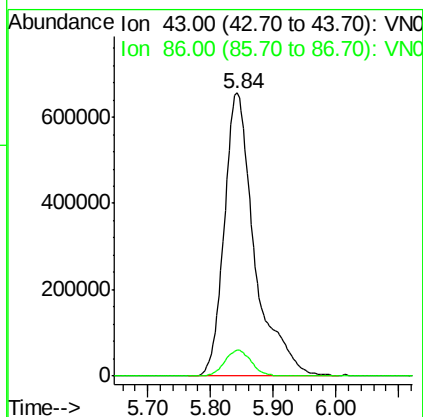
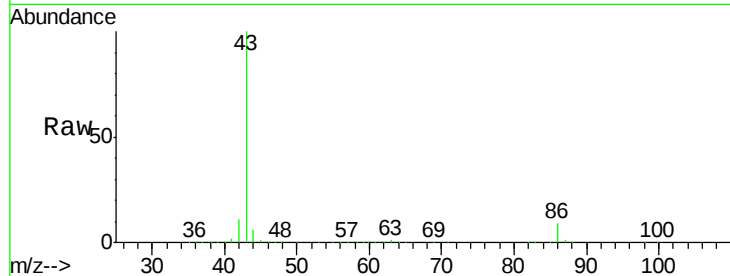




#23
 Vinyl Acetate
 Concen: 250.306 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

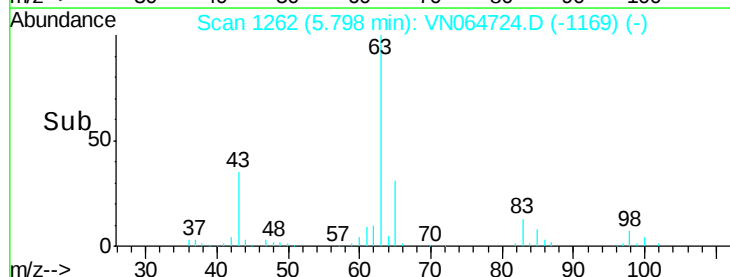
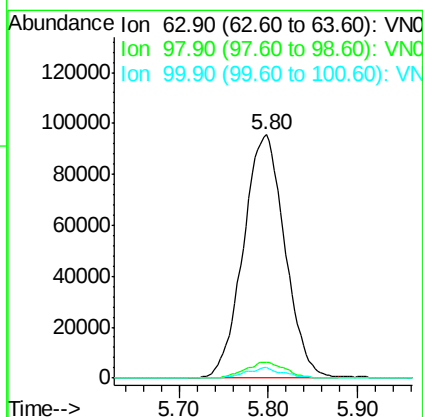
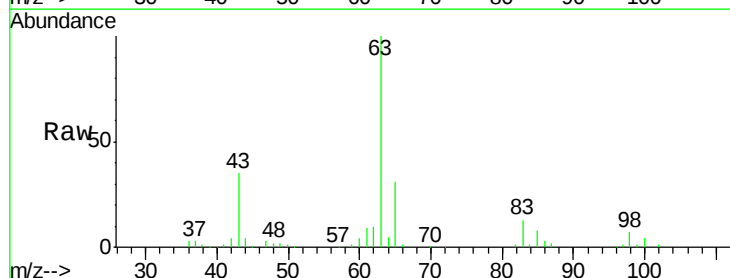
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

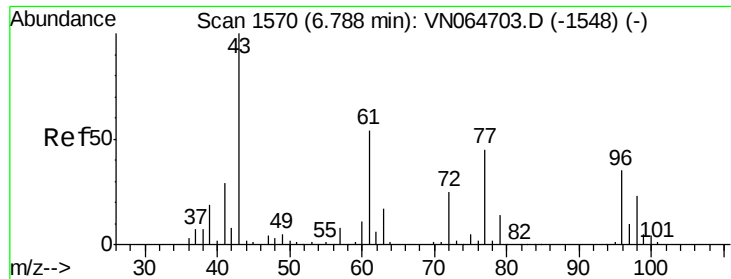
Tot Ion: 43 Resp: 2203315
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 48.540 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion: 63 Resp: 310184
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.2 1.9 5.7





#25

2-Butanone

Concen: 252.786 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

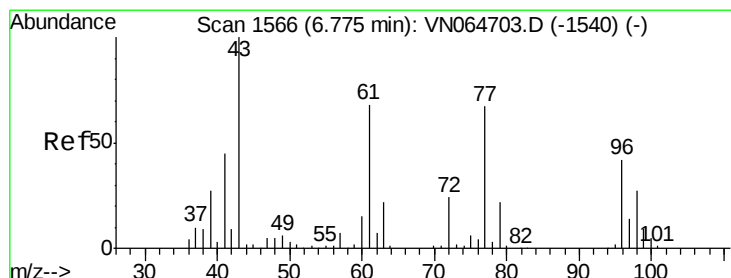
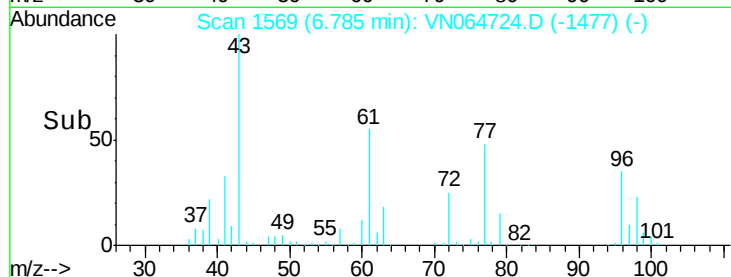
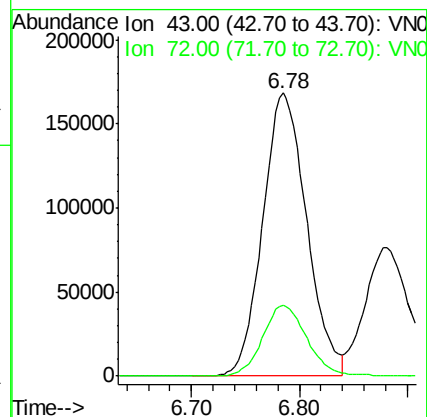
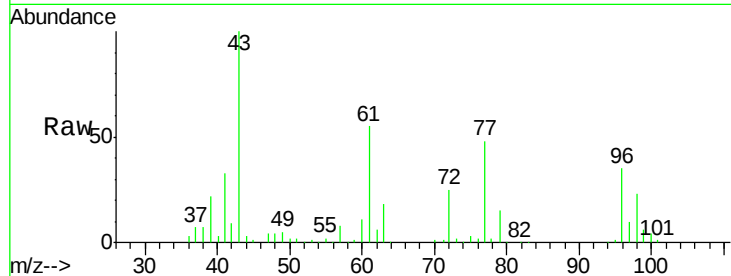
VSTDCCC050

Tot Ion: 43 Resp: 475669

Ion Ratio Lower Upper

43 100

72 25.0 19.7 29.5



#26

2,2-Dichloropropane

Concen: 48.245 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064724.D

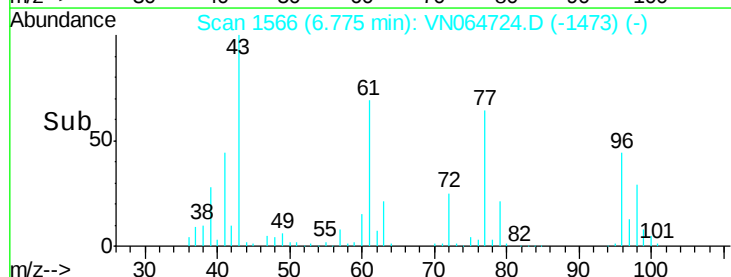
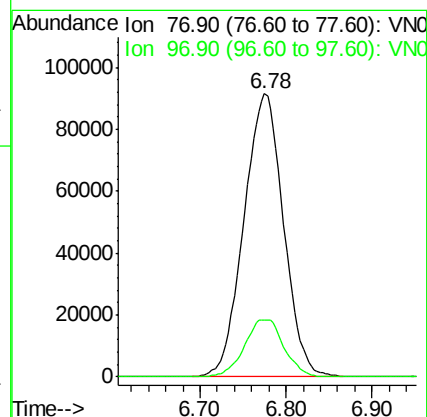
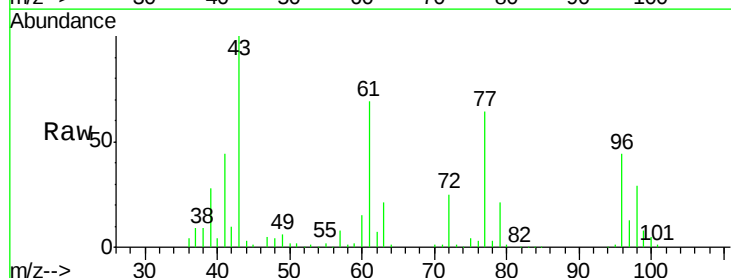
Acq: 19 Nov 2020 10:58

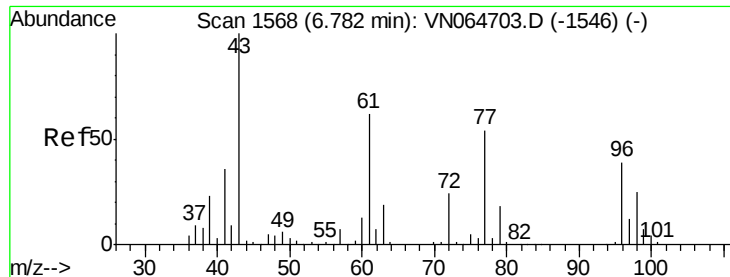
Tgt Ion: 77 Resp: 292960

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 49.045 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

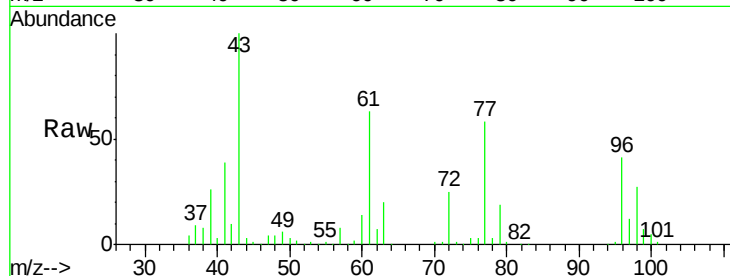
Tot Ion: 96 Resp: 181479

Ion Ratio Lower Upper

96 100

61 160.0 0.0 322.6

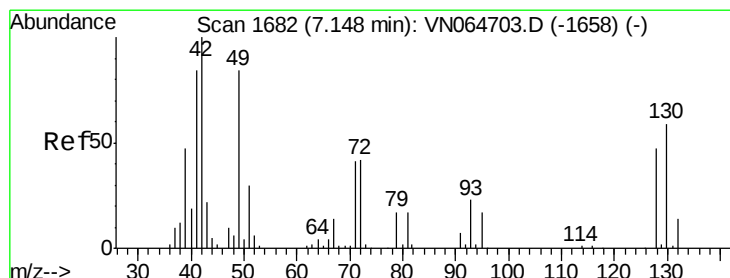
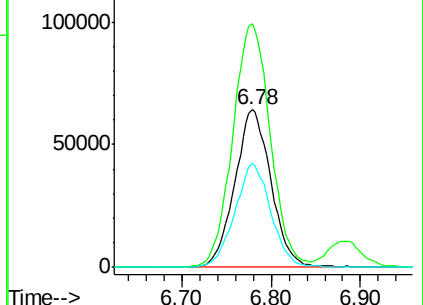
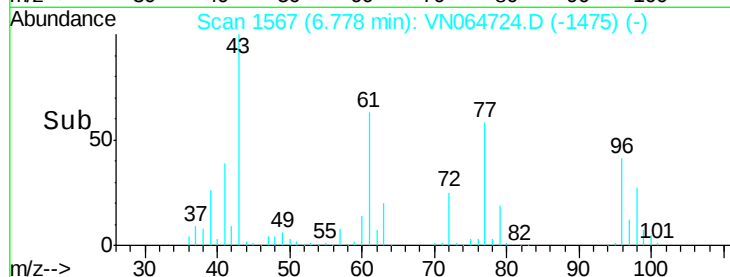
98 65.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064724.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064724.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064724.D (-1475) (-)



#28

Bromochloromethane

Concen: 48.508 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

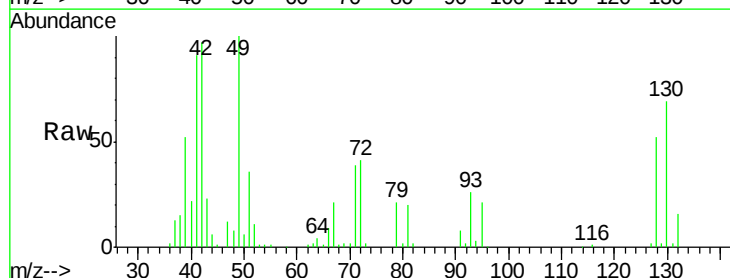
Tgt Ion: 49 Resp: 156295

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

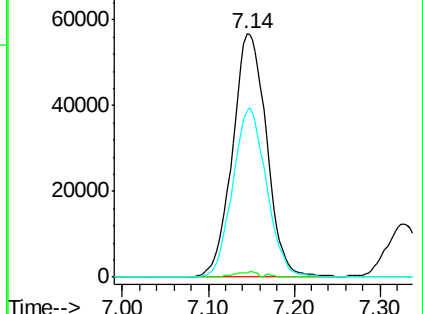
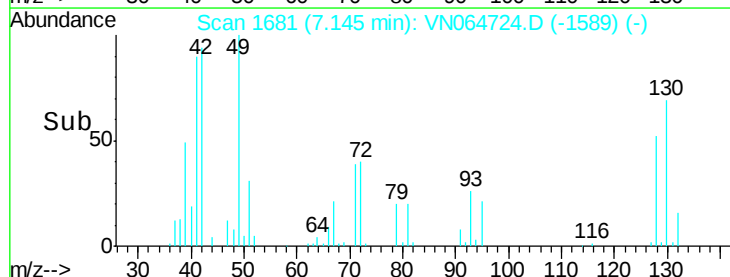
130 68.6 56.2 84.4

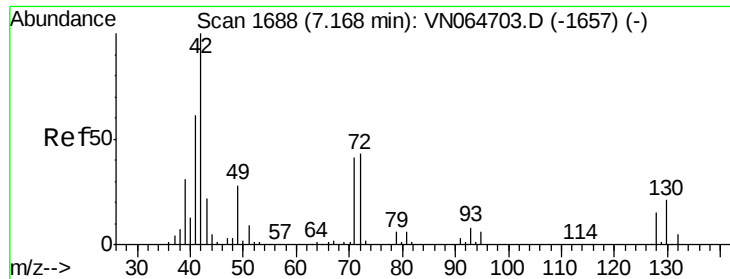


Abundance Ion 48.90 (48.60 to 49.60): VN064724.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064724.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064724.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 257.615 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

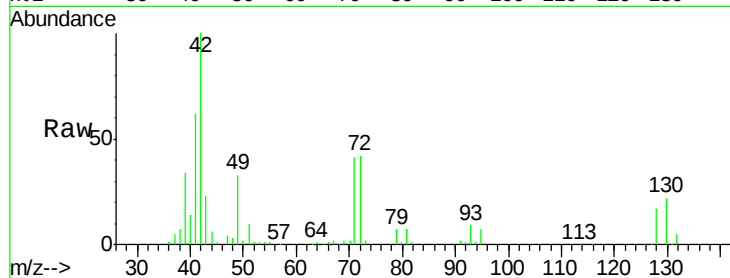
Tot Ion: 42 Resp: 327533

Ion Ratio Lower Upper

42 100

72 41.8 33.0 49.4

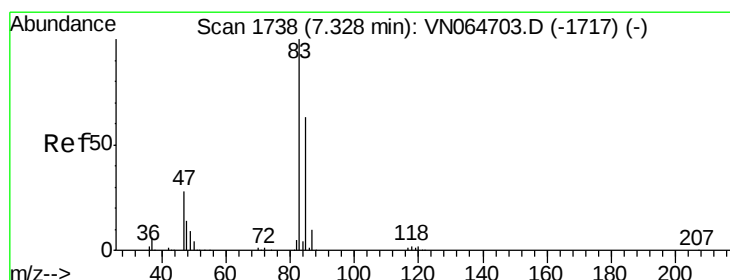
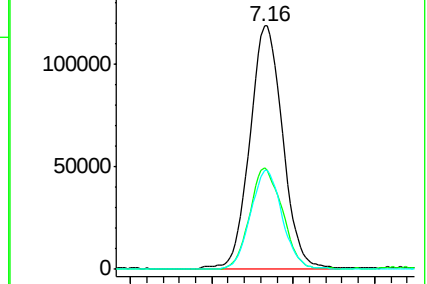
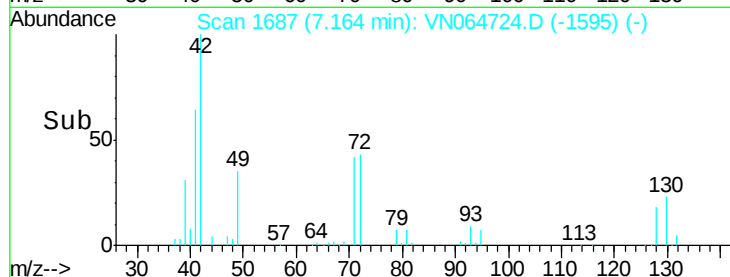
71 39.7 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VN064724.D (-1595) (-)

Ion 72.00 (71.70 to 72.70): VN064724.D (-1595) (-)

Ion 71.00 (70.70 to 71.70): VN064724.D (-1595) (-)



#30

Chloroform

Concen: 49.170 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064724.D

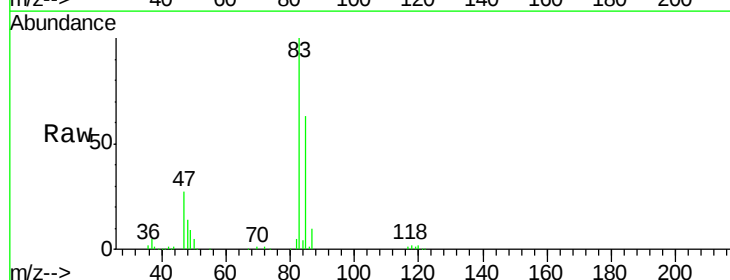
Acq: 19 Nov 2020 10:58

Tgt Ion: 83 Resp: 341461

Ion Ratio Lower Upper

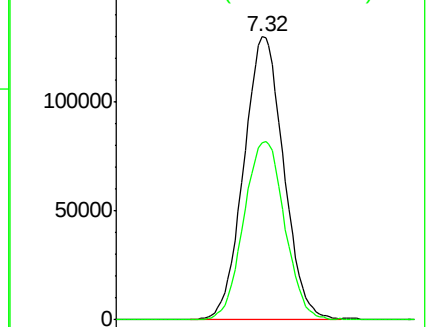
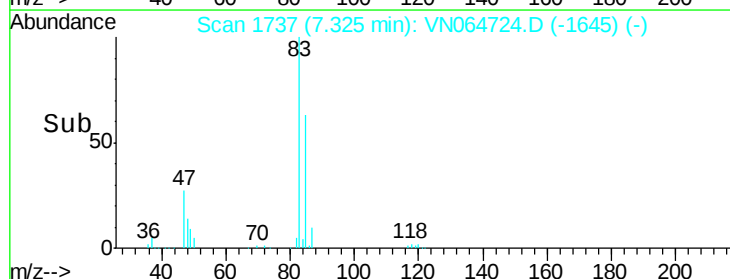
83 100

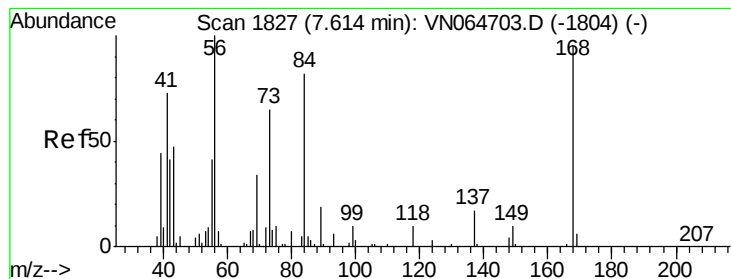
85 62.7 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN064724.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064724.D (-1645) (-)





#31

Cvclohexane

Concen: 47.209 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

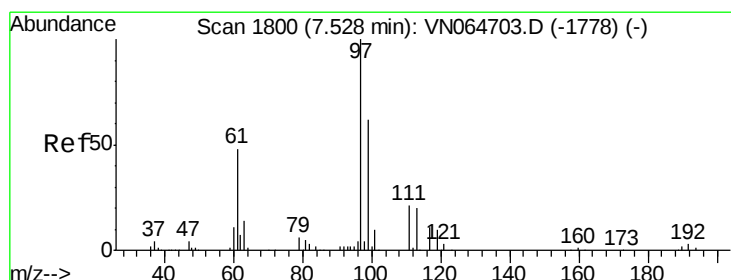
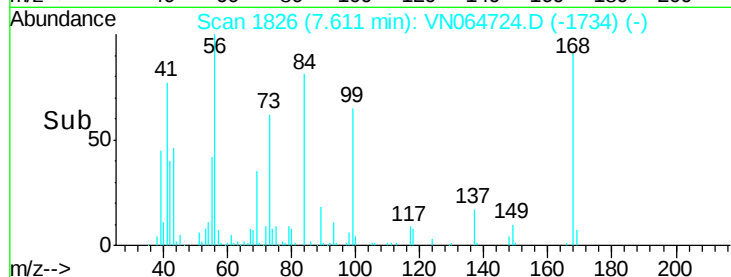
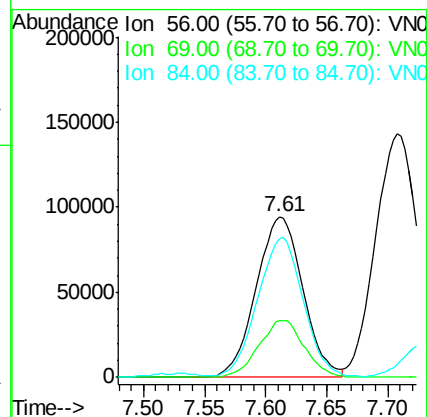
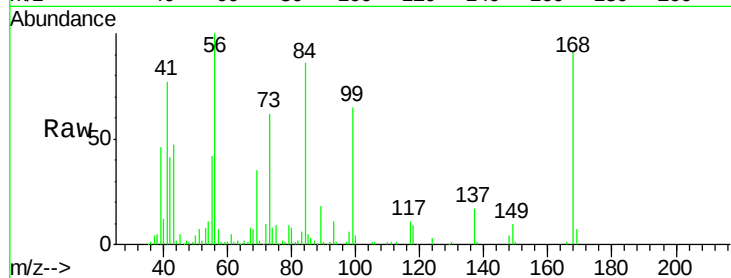
Tot Ion: 56 Resp: 251202

Ion Ratio Lower Upper

56 100

69 35.5 27.2 40.8

84 84.6 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 48.719 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

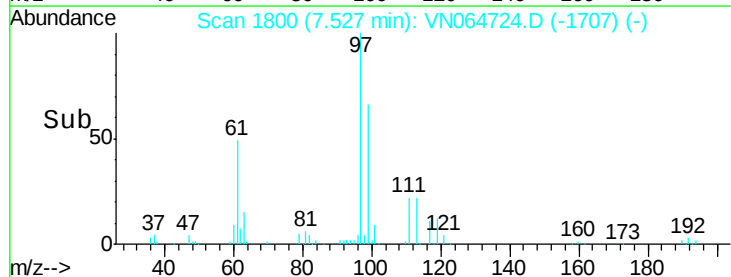
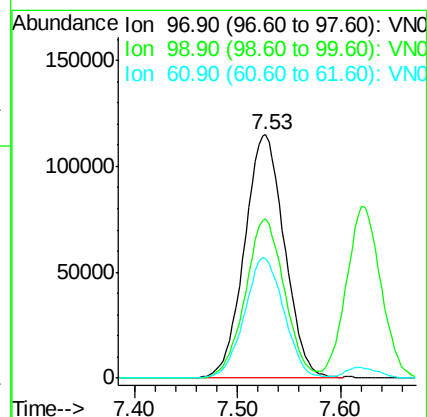
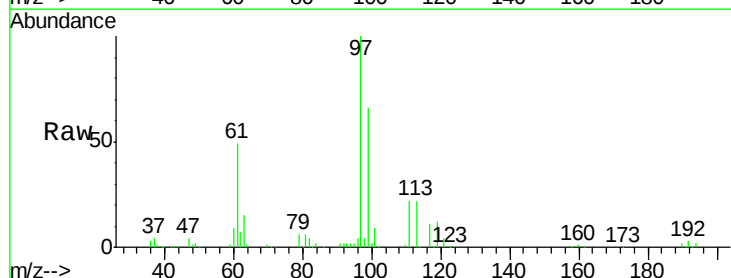
Tgt Ion: 97 Resp: 309243

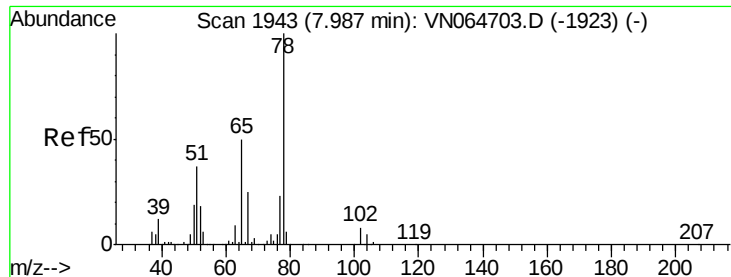
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 48.7 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 45.680 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

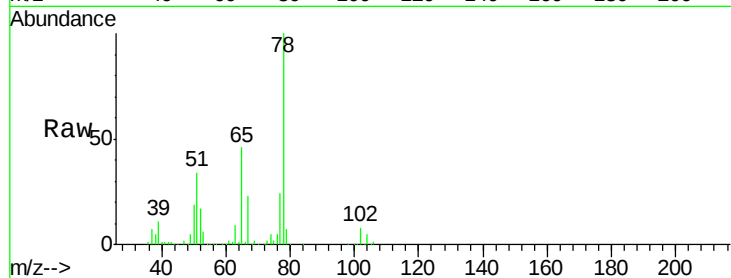
VSTDCCC050

Tot Ion: 65 Resp: 224826

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN064724.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064724.D (-1850) (-)

7.99

100000

80000

60000

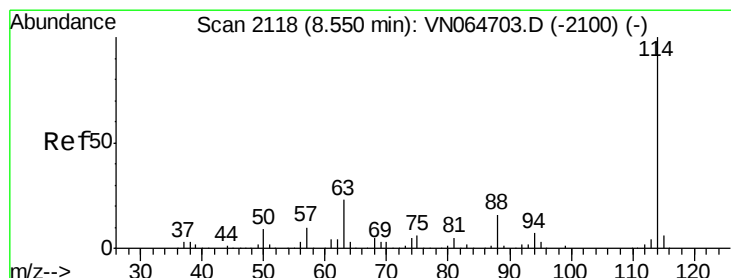
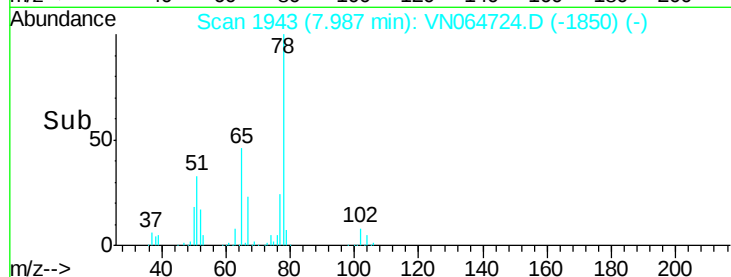
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

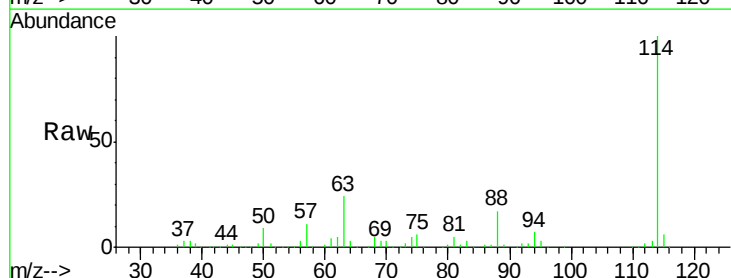
Tgt Ion: 114 Resp: 465363

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.0

88 16.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN064724.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064724.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064724.D (-2025) (-)

8.55

300000

250000

200000

150000

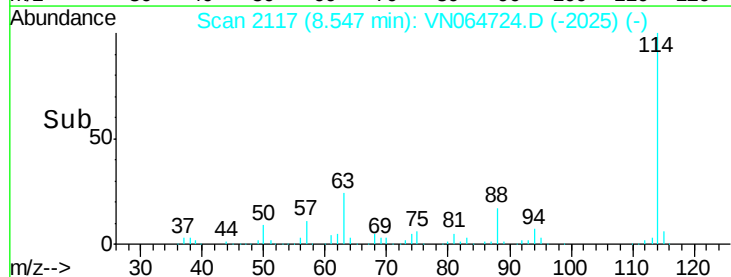
100000

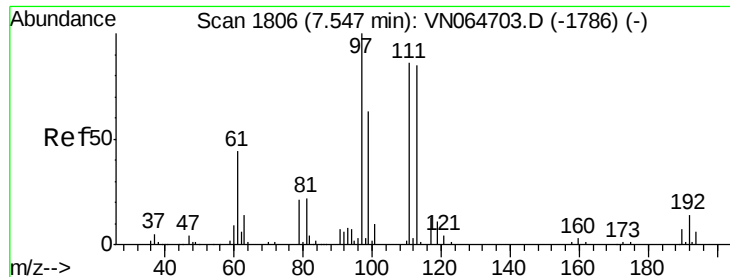
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

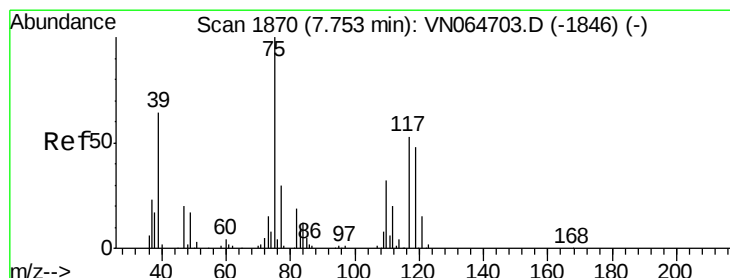
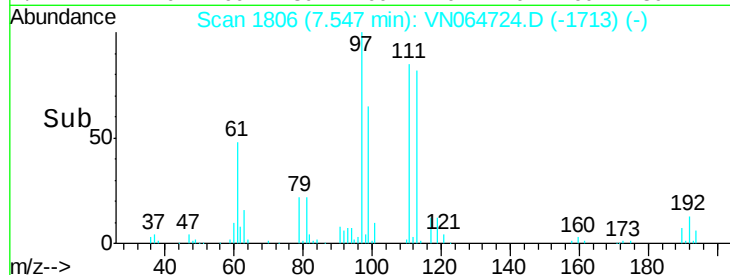
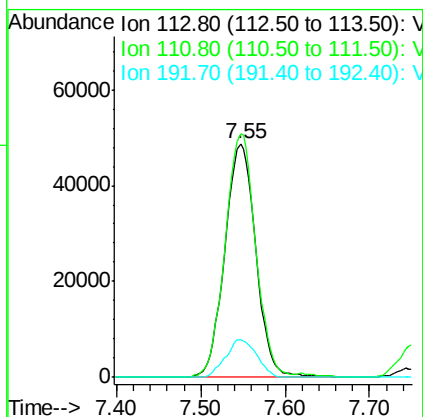
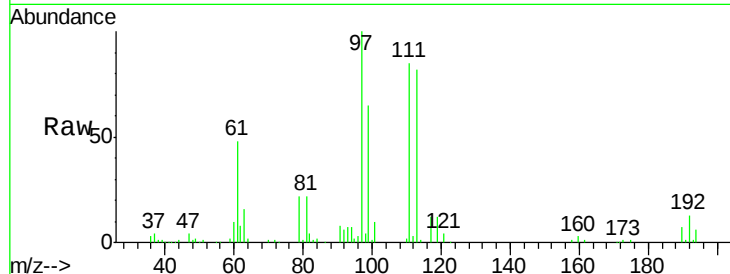




#35
Dibromofluoromethane
Concen: 47.043 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

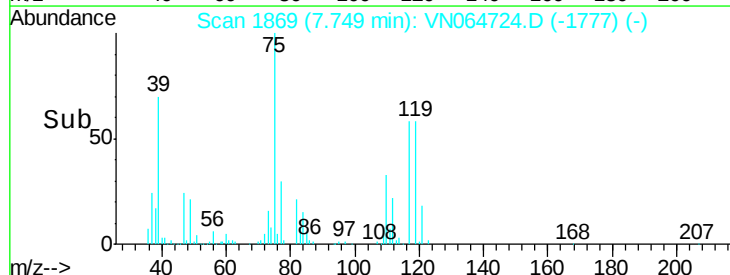
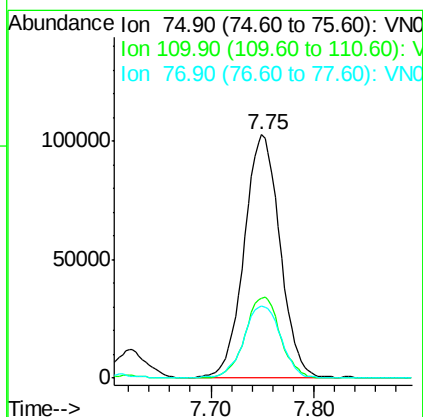
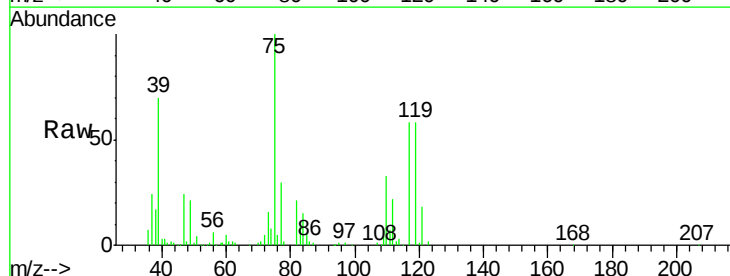
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

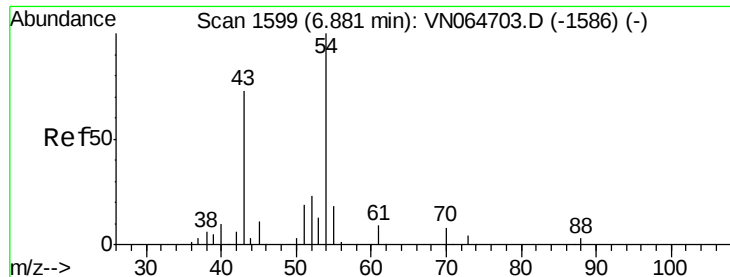
Tot Ion:113 Resp: 124605
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 51.516 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 75 Resp: 246641
Ion Ratio Lower Upper
75 100
110 32.8 16.2 48.6
77 31.0 24.4 36.6

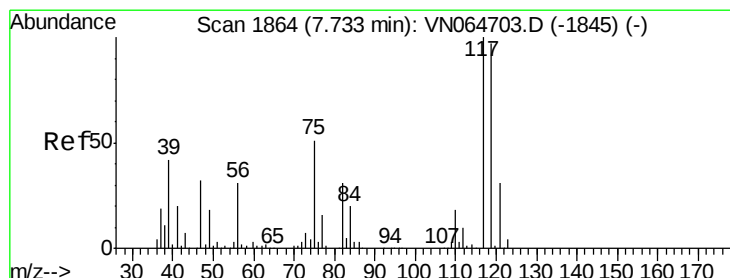
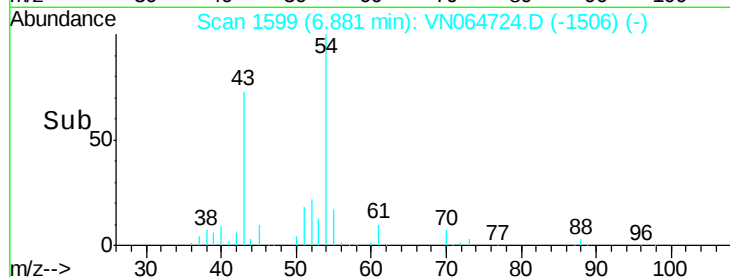
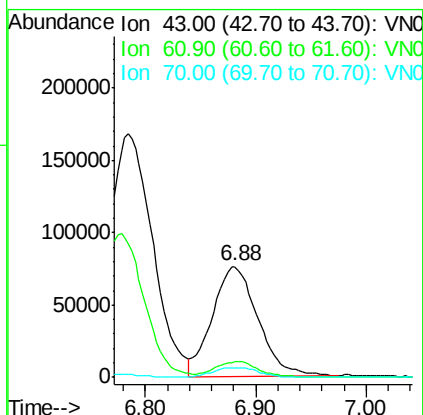
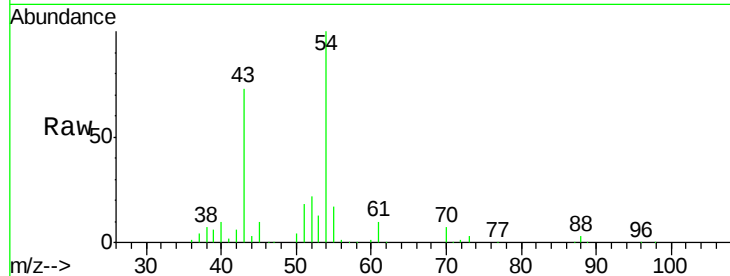




#37
Ethyl Acetate
Concen: 54.042 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

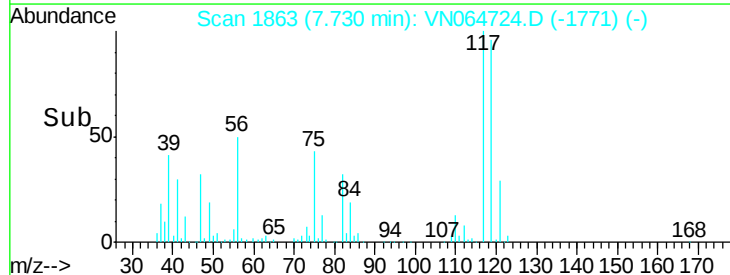
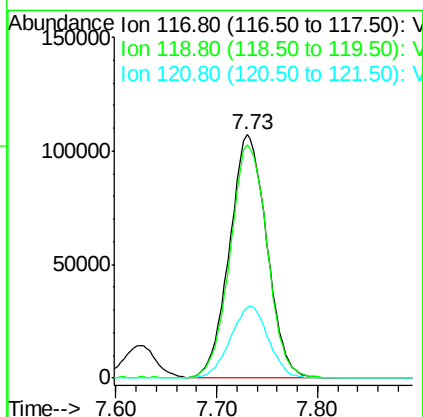
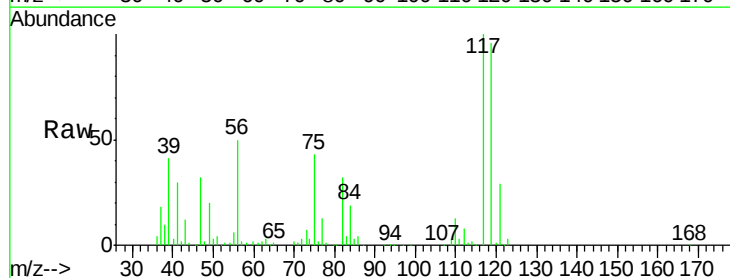
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

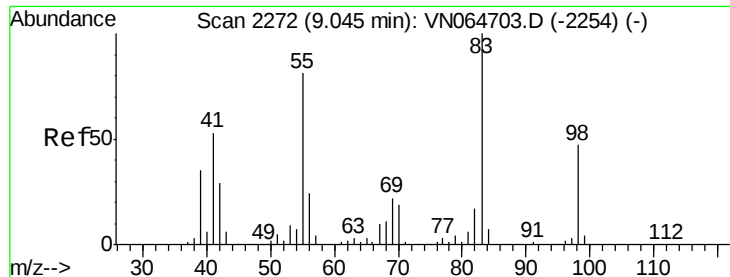
Tot Ion: 43 Resp: 216651
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 8.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 54.038 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 117 Resp: 274952
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.6
121 29.2 24.9 37.3

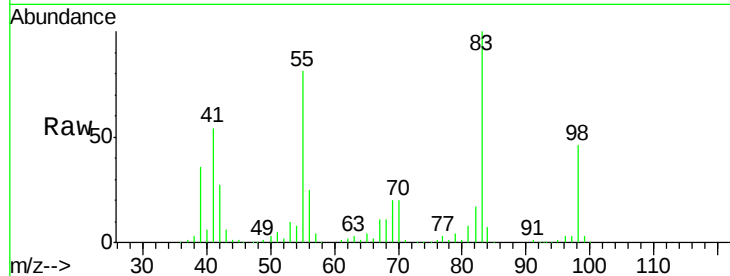




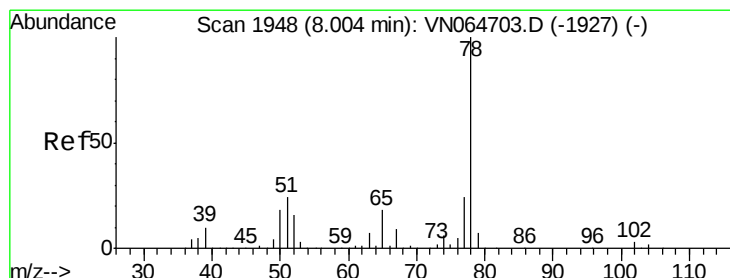
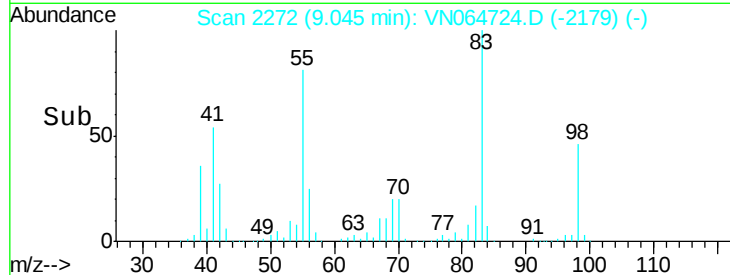
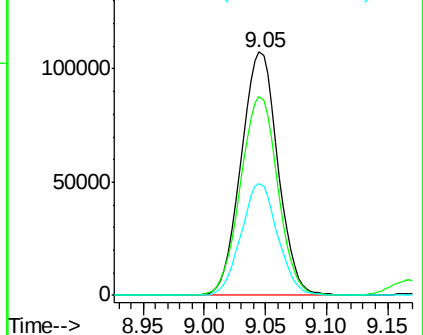
#39
Methvlcvclohexane
Concen: 52.711 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 223608
Ion Ratio Lower Upper
83 100
55 81.4 64.6 97.0
98 46.1 37.7 56.5

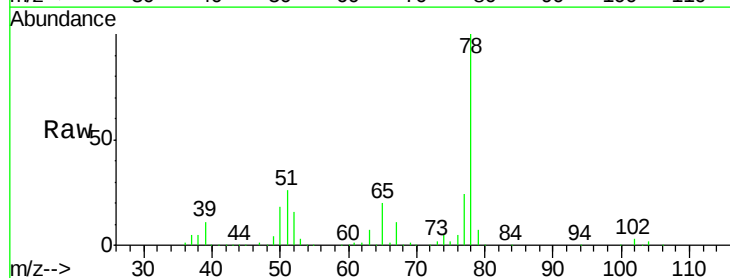


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

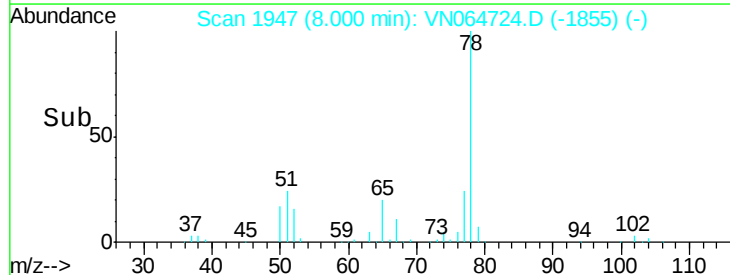
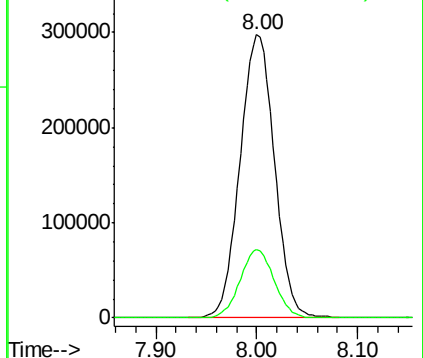


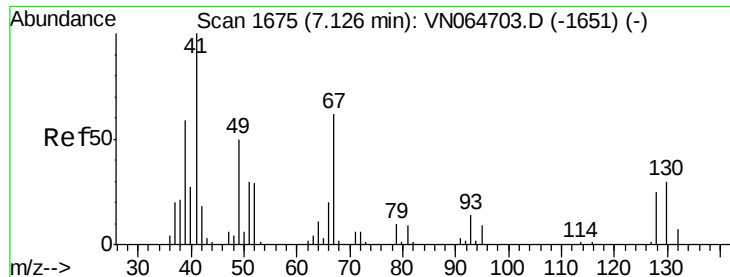
#40
Benzene
Concen: 52.774 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 78 Resp: 704009
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8



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

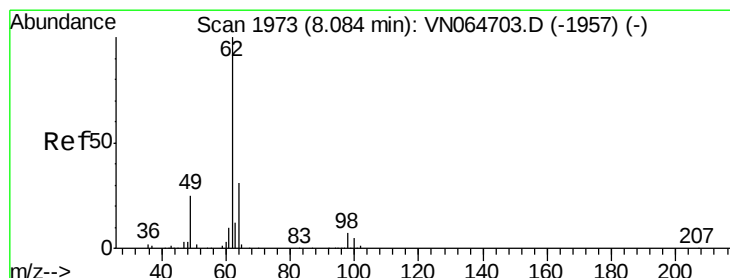
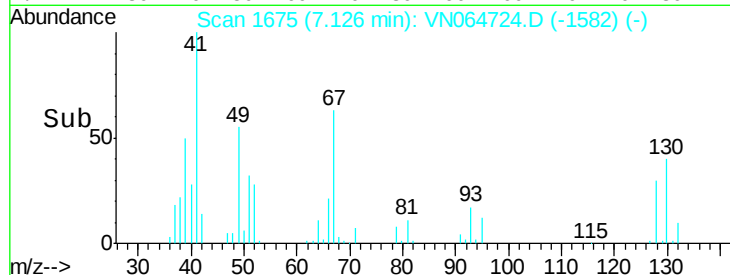
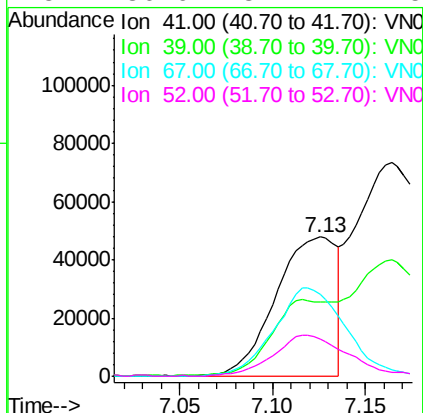
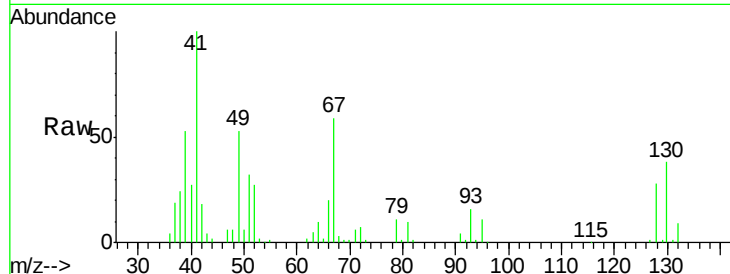




#41
Methacrylonitrile
Concen: 59.421 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

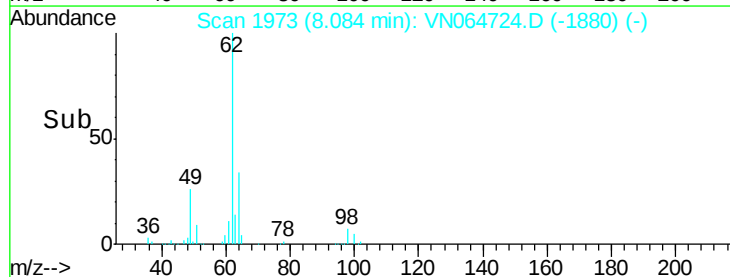
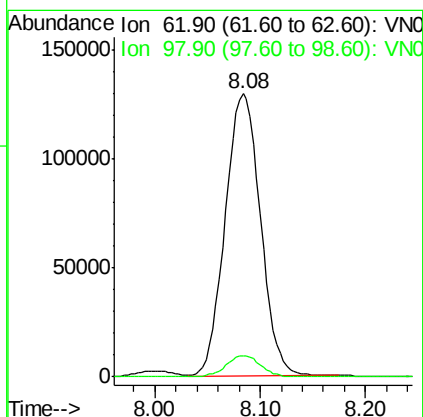
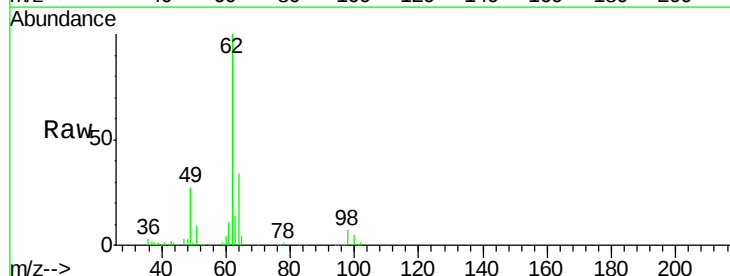
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

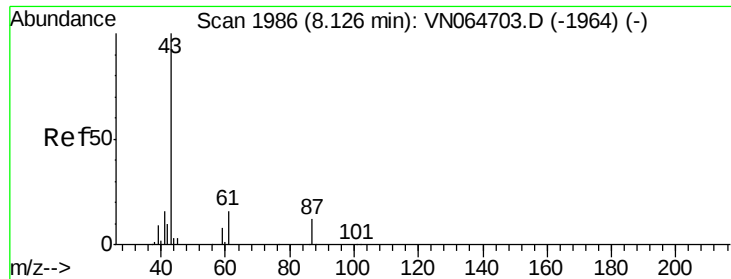
Tot Ion:	41	Resp:	109184
Ion	Ratio	Lower	Upper
41	100		
39	47.4	46.0	69.0
67	74.7	67.0	100.4
52	36.6	31.7	47.5



#42
1,2-Dichloroethane
Concen: 52.518 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion:	62	Resp:	301431
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	13.6





#43

Isopropyl Acetate

Concen: 49.565 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

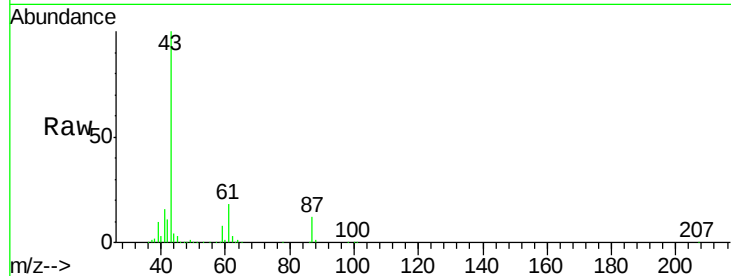
Tot Ion: 43 Resp: 385140

Ion Ratio Lower Upper

43 100

61 17.4 14.1 21.1

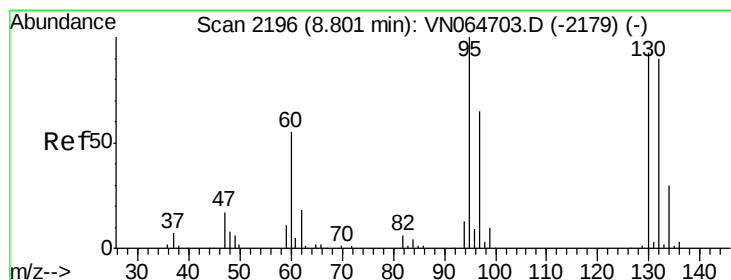
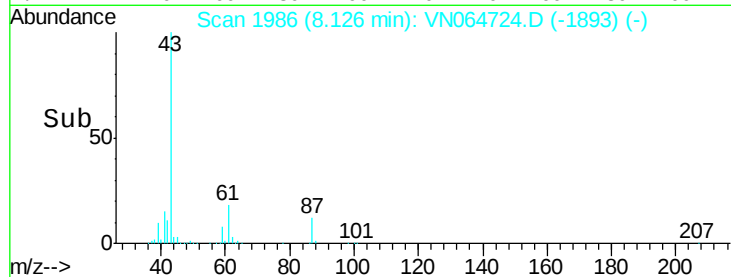
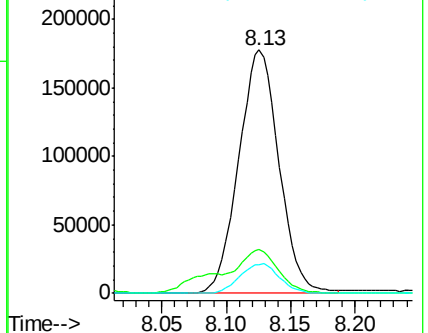
87 12.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064724.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064724.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064724.D (-1893) (-)



#44

Trichloroethene

Concen: 50.390 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064724.D

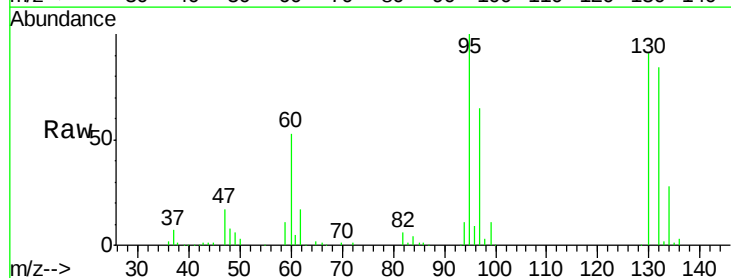
Acq: 19 Nov 2020 10:58

Tgt Ion:130 Resp: 192914

Ion Ratio Lower Upper

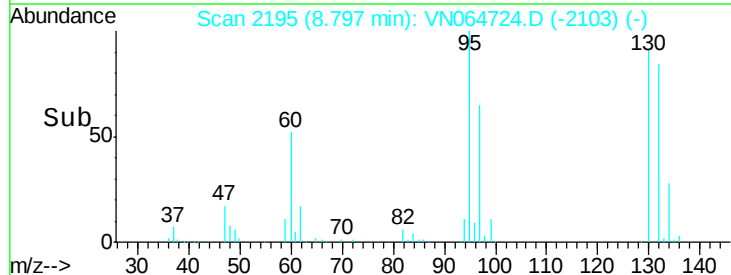
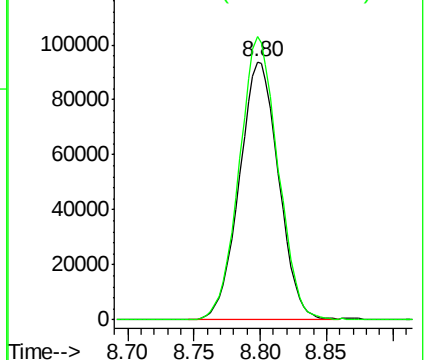
130 100

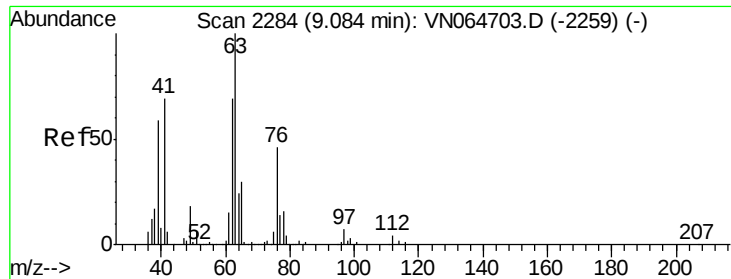
95 109.7 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064724.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064724.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 53.654 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

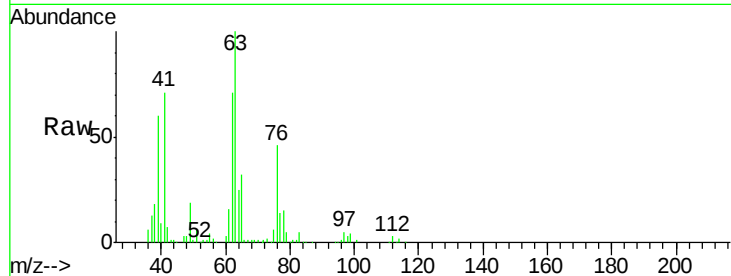
VSTDCCC050

Tot Ion: 63 Resp: 190784

Ion Ratio Lower Upper

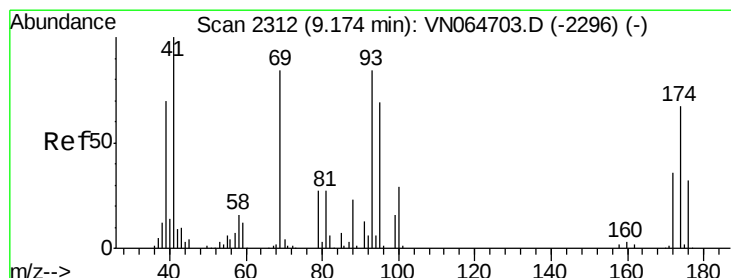
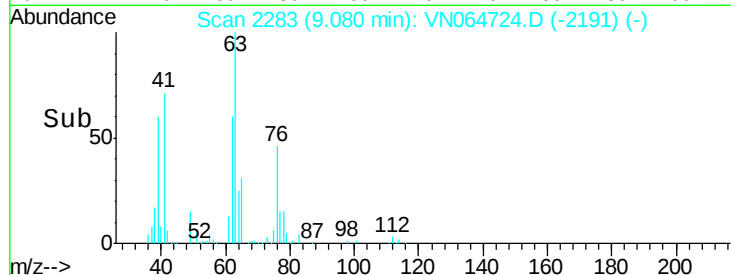
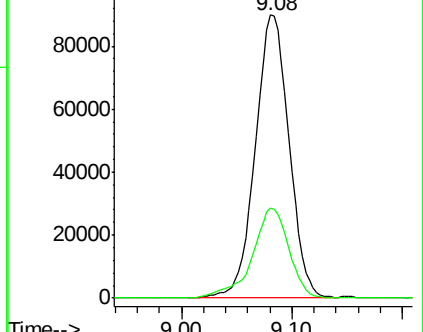
63 100

65 31.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 54.078 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

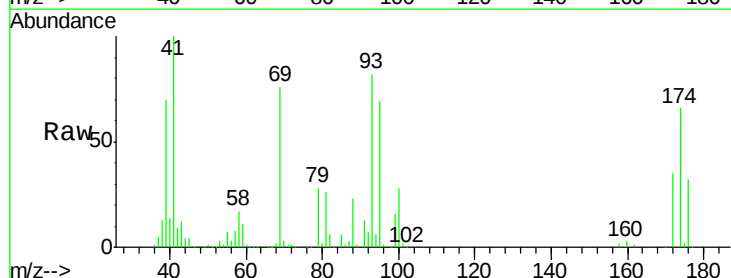
Tgt Ion: 93 Resp: 136307

Ion Ratio Lower Upper

93 100

95 83.2 64.6 97.0

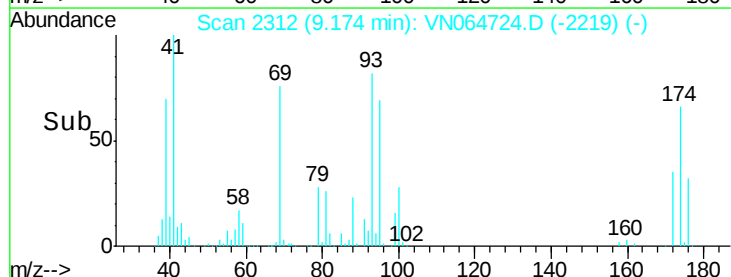
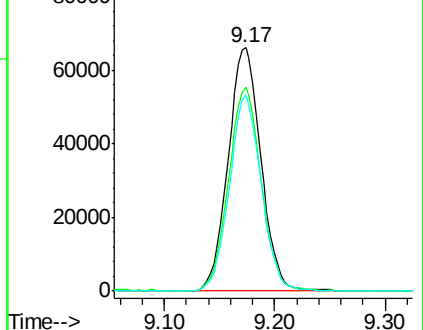
174 78.3 64.3 96.5

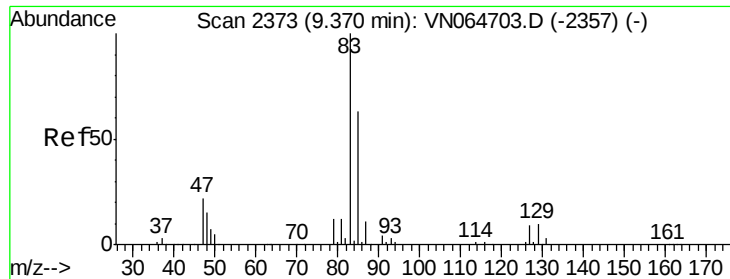


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.639 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

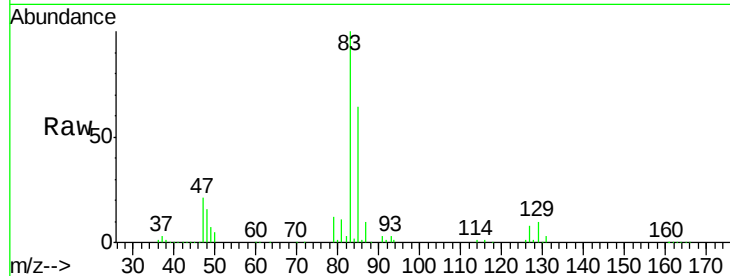
Tot Ion: 83 Resp: 284225

Ion Ratio Lower Upper

83 100

85 63.8 50.8 76.2

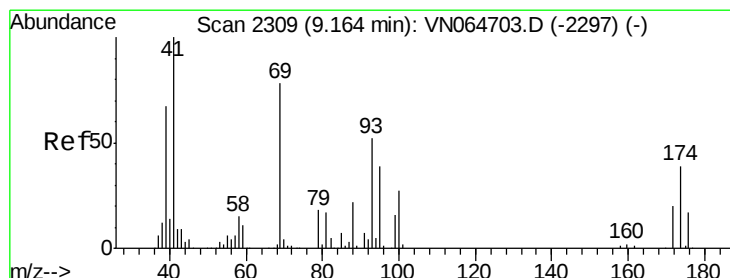
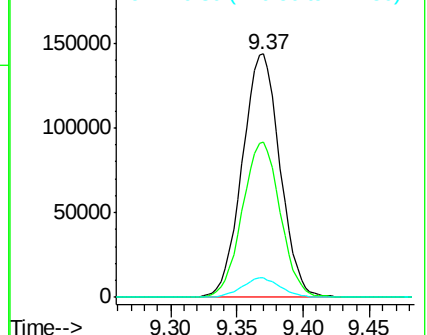
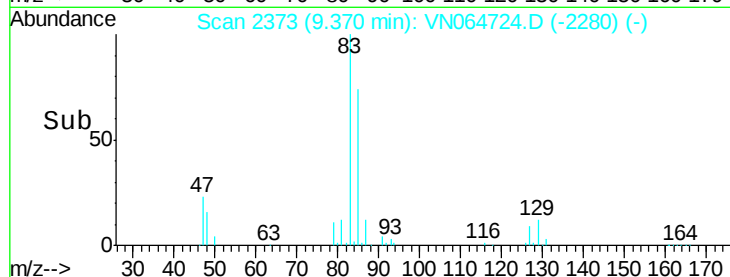
127 7.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064724.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064724.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064724.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.543 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

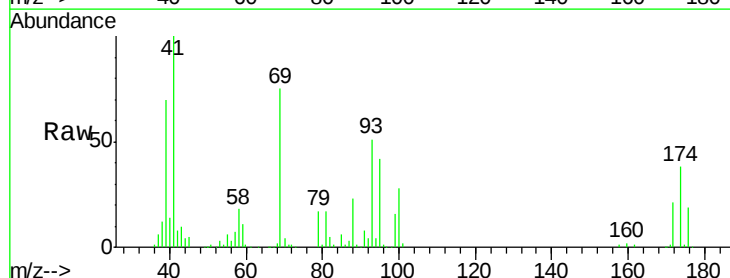
Tgt Ion: 41 Resp: 196308

Ion Ratio Lower Upper

41 100

69 75.6 62.3 93.5

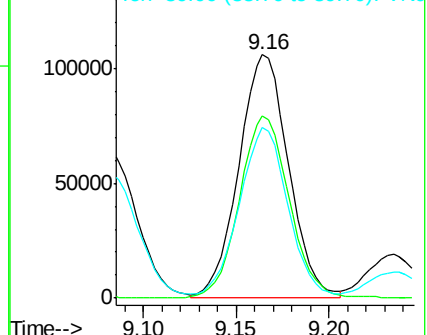
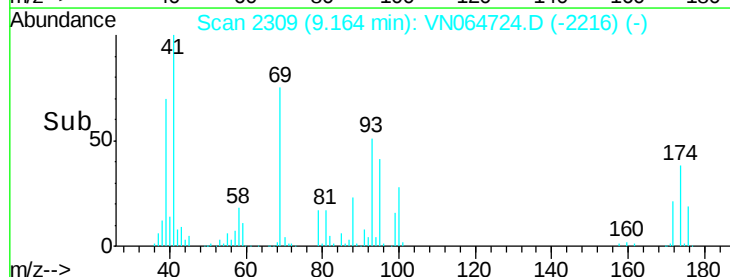
39 69.4 55.1 82.7

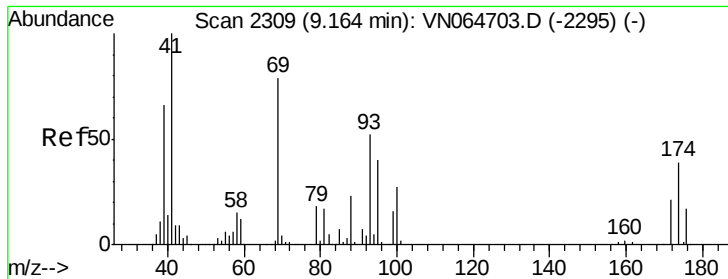


Abundance Ion 41.00 (40.70 to 41.70): VN064724.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064724.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064724.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1098.875 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

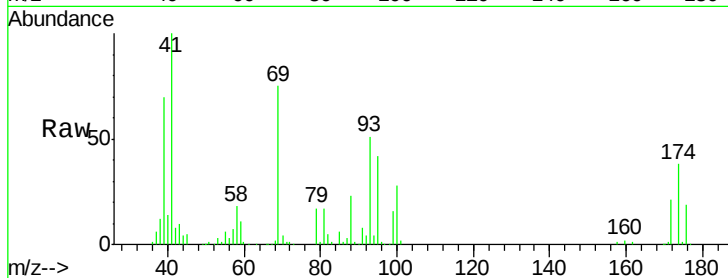
Tot Ion: 88 Resp: 50265

Ion Ratio Lower Upper

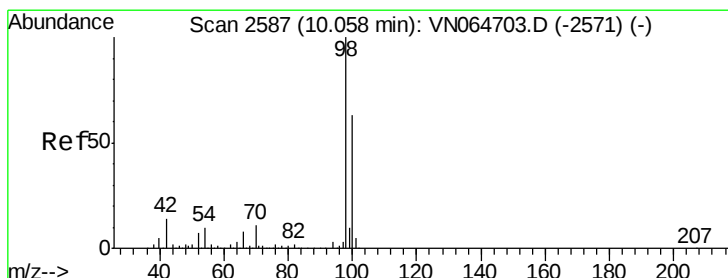
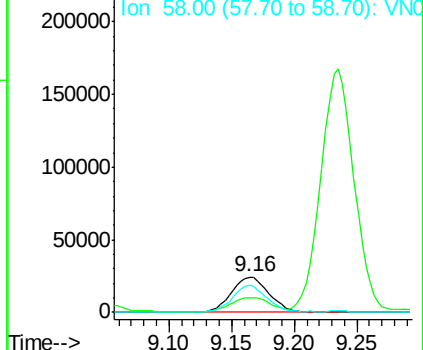
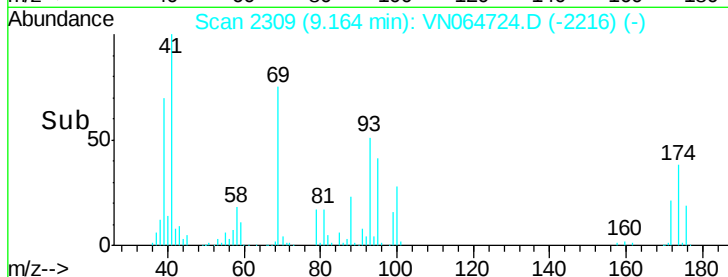
88 100

43 43.0 31.3 46.9

58 72.2 55.7 83.5



Abundance Ion 88.00 (87.70 to 88.70): VN064724.D (-2216) (-)



#50

Toluene-d8

Concen: 50.059 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064724.D

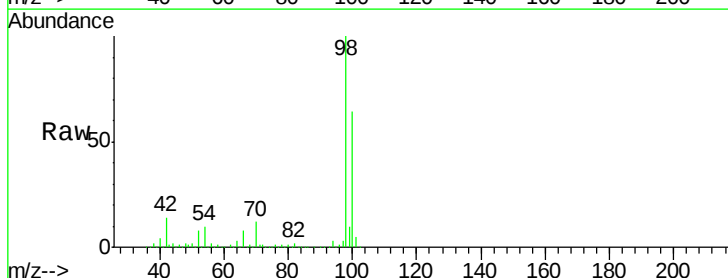
Acq: 19 Nov 2020 10:58

Tgt Ion: 98 Resp: 602611

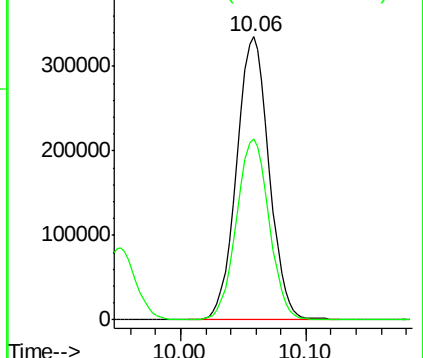
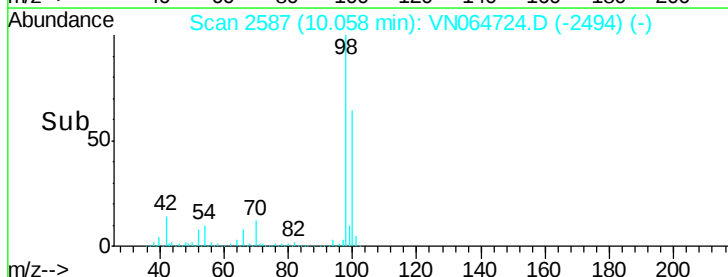
Ion Ratio Lower Upper

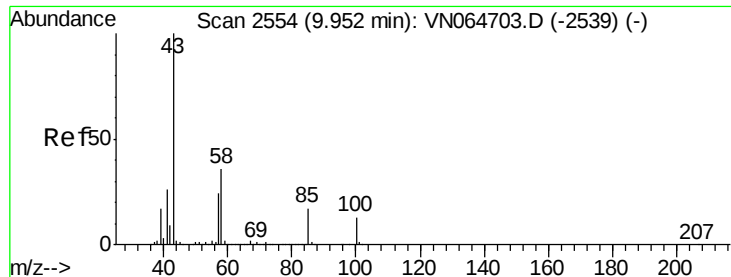
98 100

100 64.2 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064724.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 252.757 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

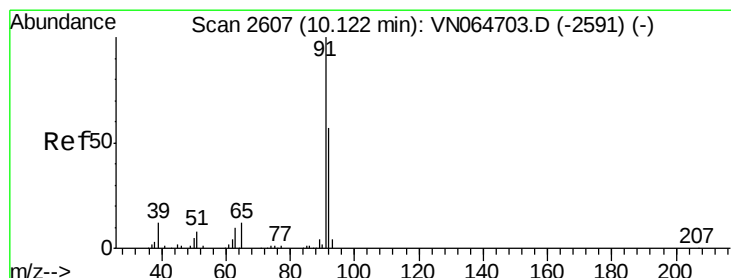
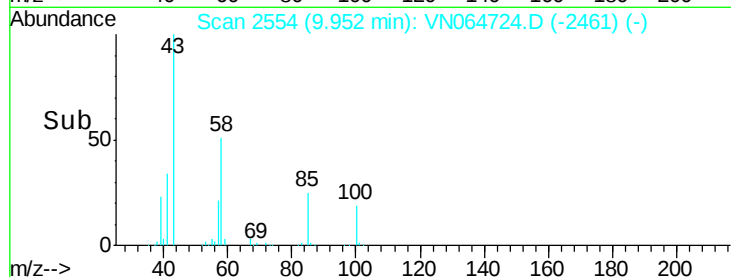
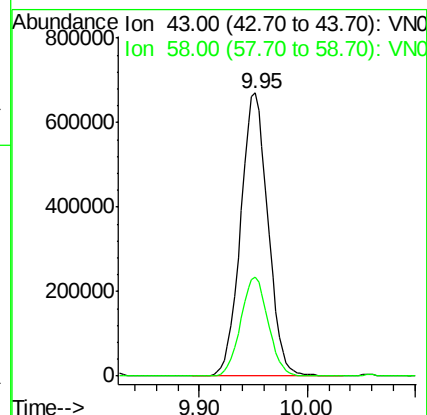
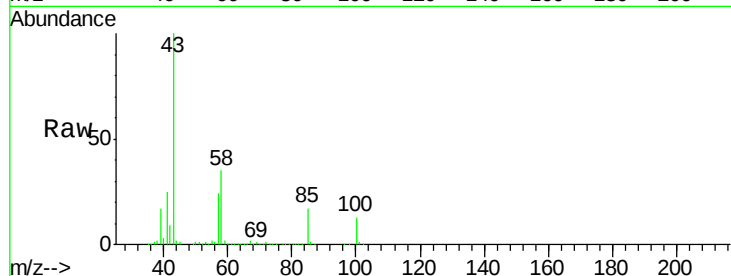
VSTDCCC050

Tot Ion: 43 Resp: 1185922

Ion Ratio Lower Upper

43 100

58 35.2 28.5 42.7



#52

Toluene

Concen: 55.499 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064724.D

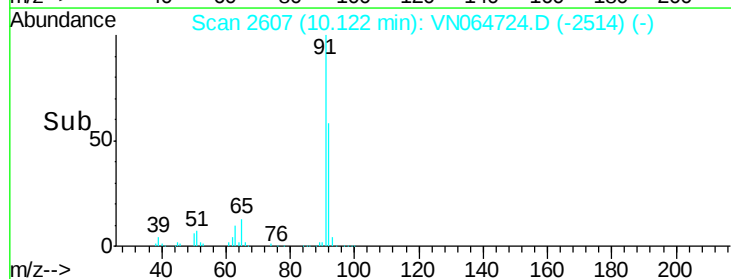
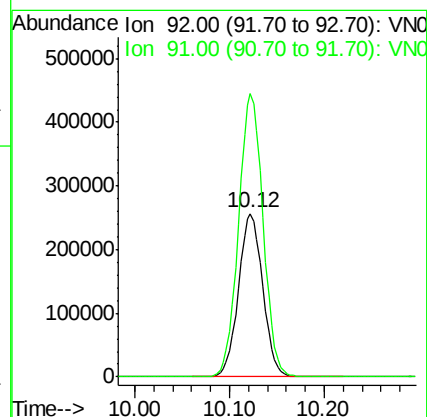
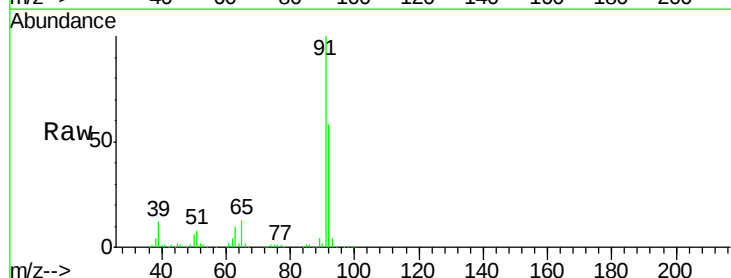
Acq: 19 Nov 2020 10:58

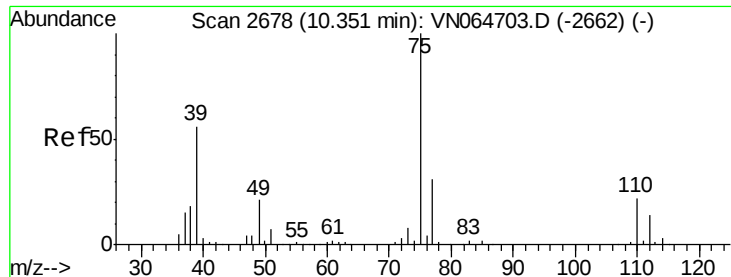
Tgt Ion: 92 Resp: 455986

Ion Ratio Lower Upper

92 100

91 175.3 141.2 211.8

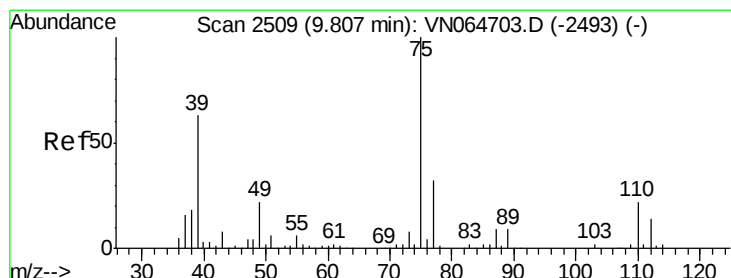
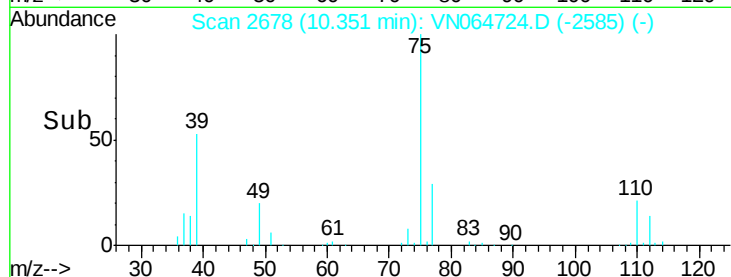
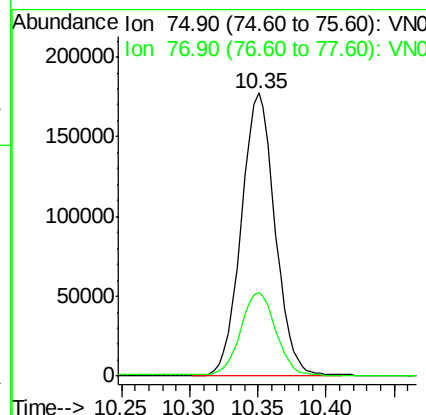
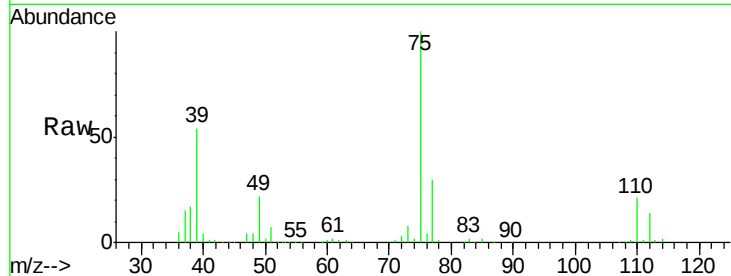




#53
t-1,3-Dichloropropene
Concen: 53.874 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

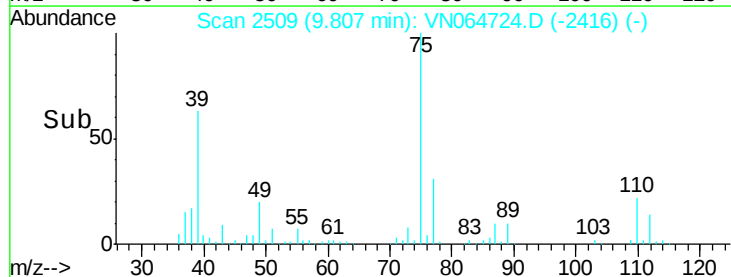
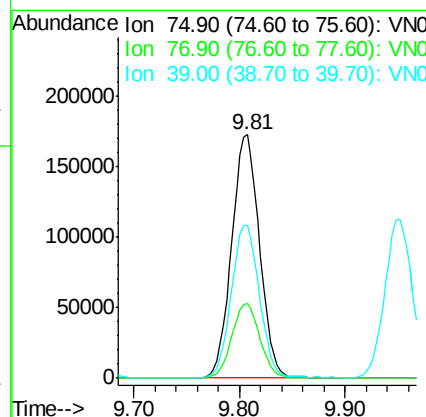
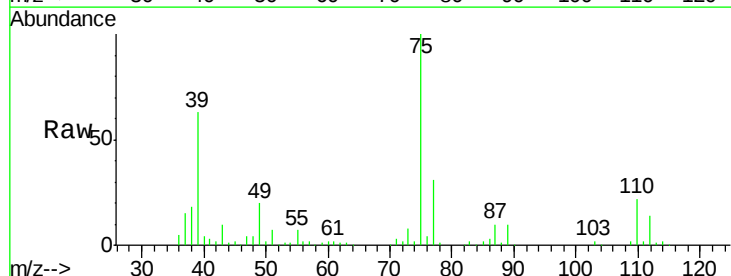
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

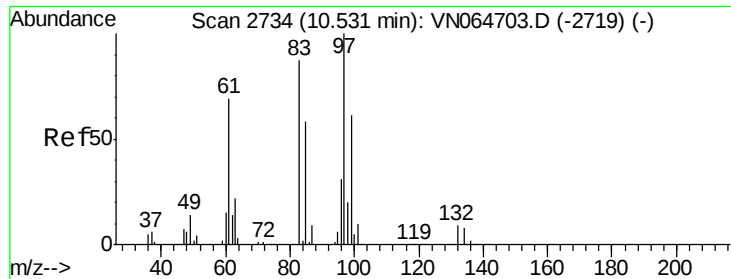
Tot Ion: 75 Resp: 305519
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.974 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 75 Resp: 315176
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.8
39 62.6 50.5 75.7

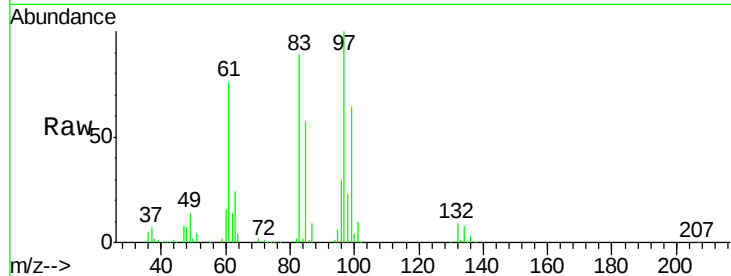




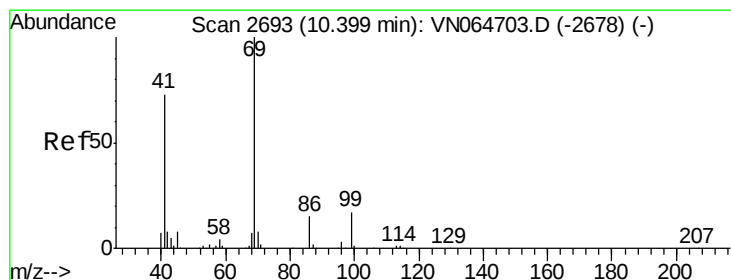
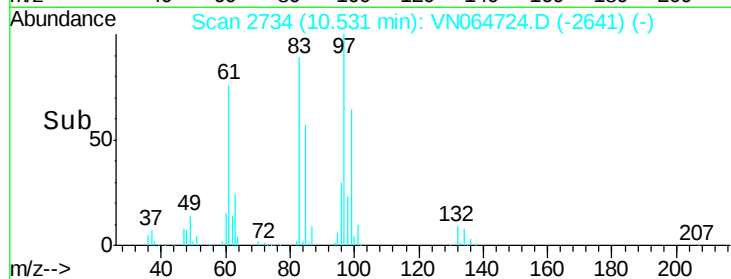
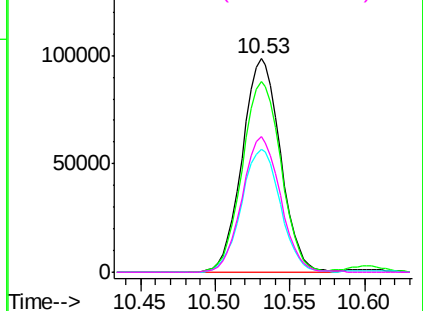
#55
 1,1,2-Trichloroethane
 Concen: 53.275 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	175560
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.6	104.4
85	57.3	46.6	70.0
99	63.5	48.9	73.3

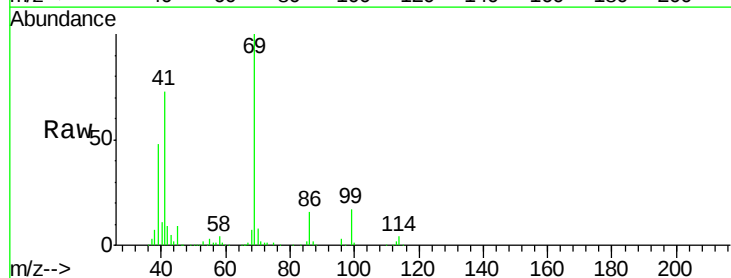


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

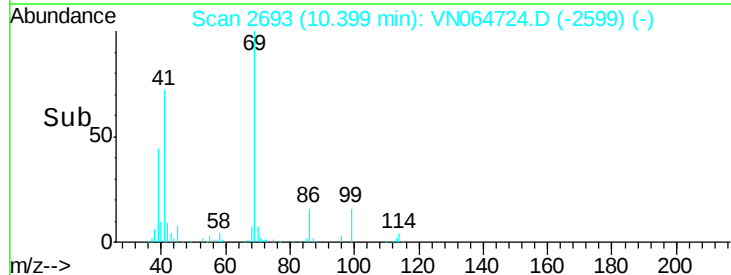
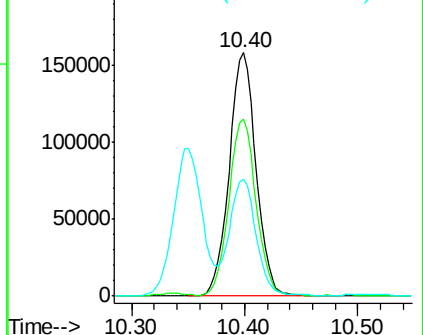


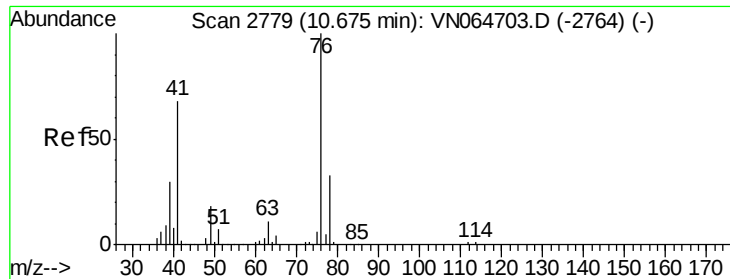
#56
 Ethyl methacrylate
 Concen: 48.288 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion:	69	Resp:	260682
Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.0	88.4
39	47.3	38.4	57.6



Abundance Ion 69.00 (68.70 to 69.70): VNC
 Ion 41.00 (40.70 to 41.70): VNC
 Ion 39.00 (38.70 to 39.70): VNC

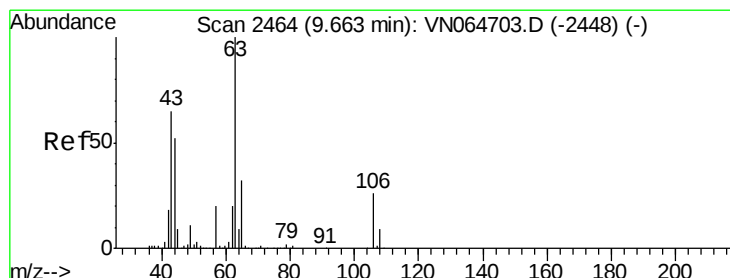
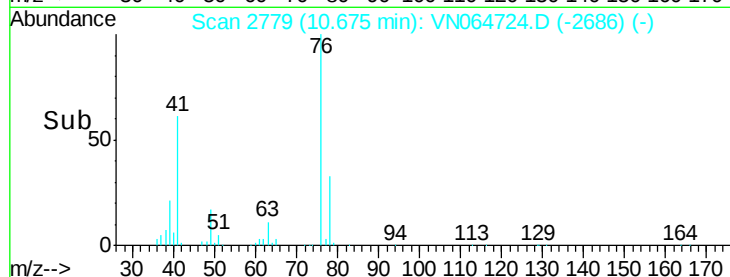
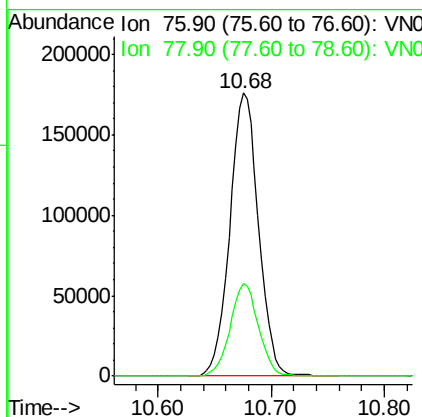
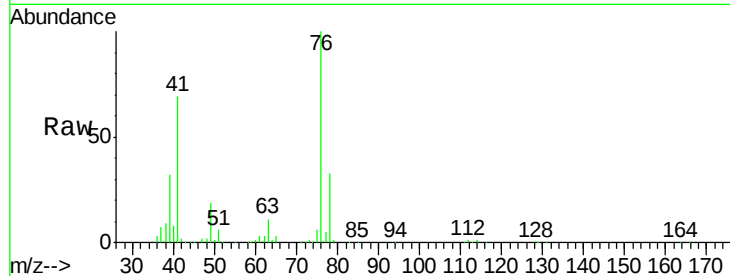




#57
 1,3-Dichloropropane
 Concen: 54.237 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

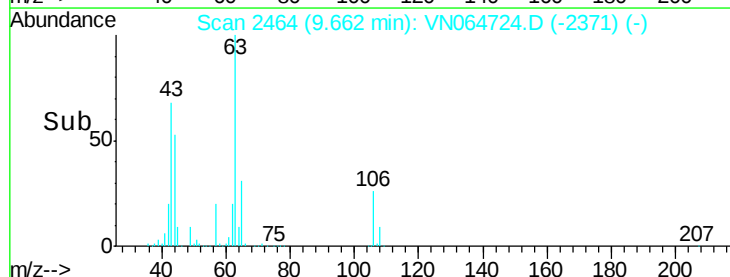
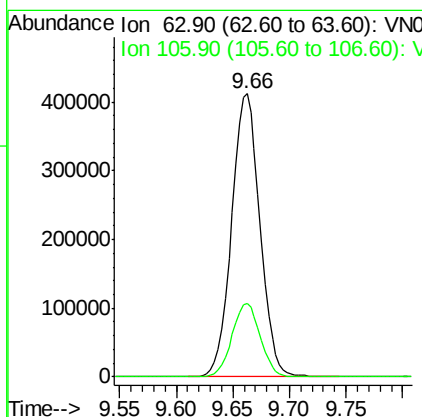
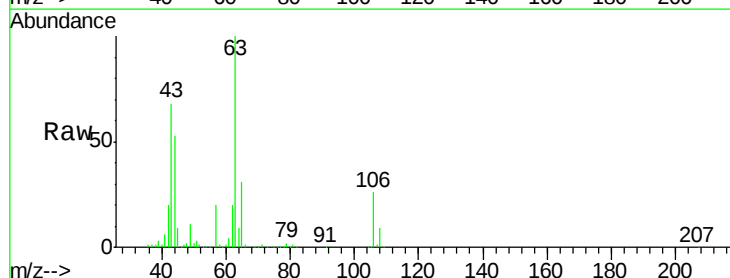
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

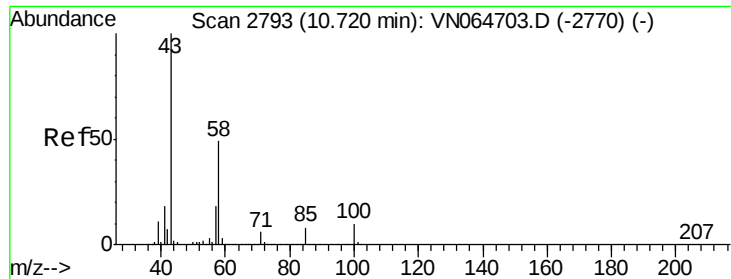
Tot Ion: 76 Resp: 309603
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.772 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion: 63 Resp: 716859
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.9 31.3

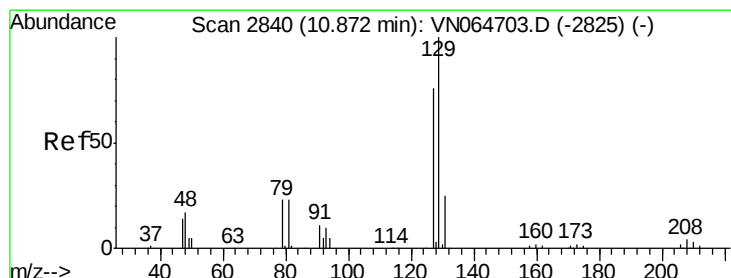
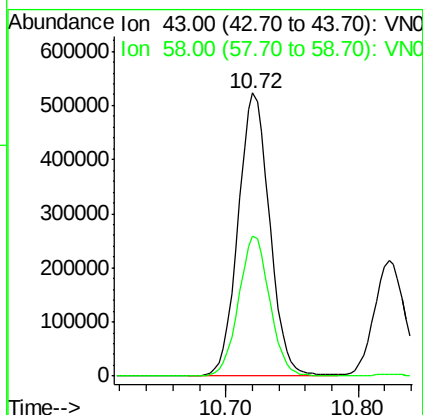
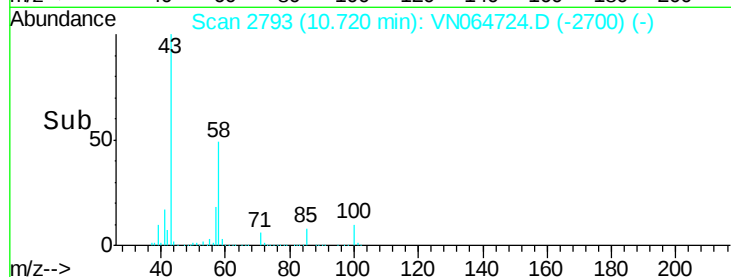
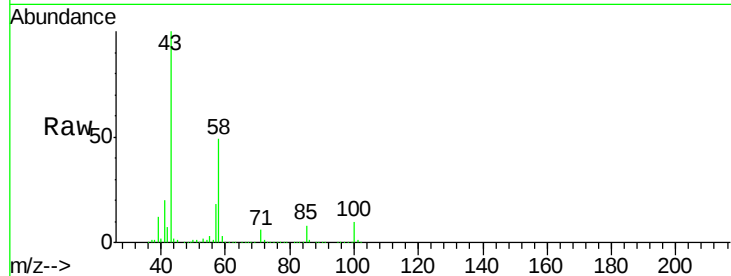




#59
2-Hexanone
Concen: 249.843 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

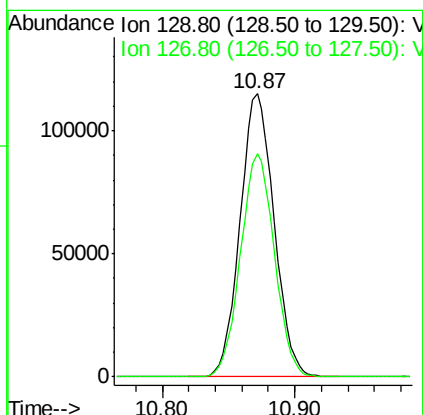
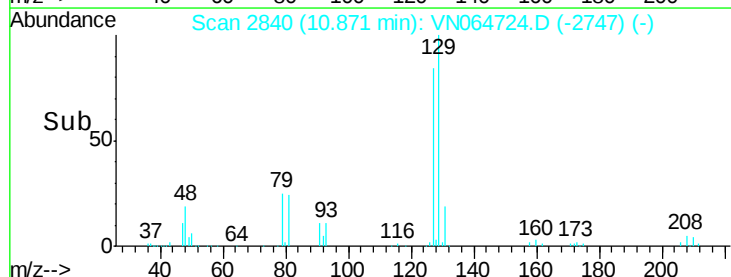
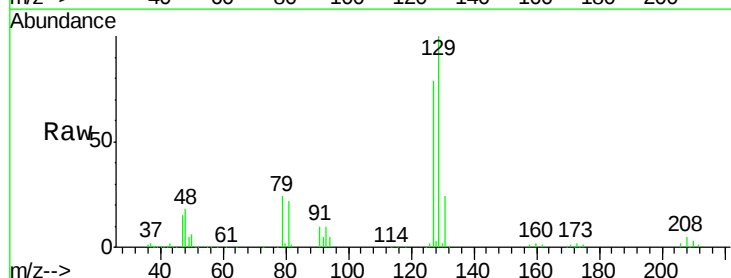
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

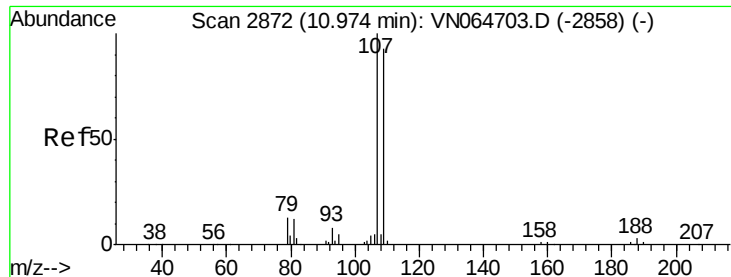
Tot Ion: 43 Resp: 860898
Ion Ratio Lower Upper
43 100
58 49.1 24.4 73.4



#60
Dibromochloromethane
Concen: 53.795 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 129 Resp: 204813
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4

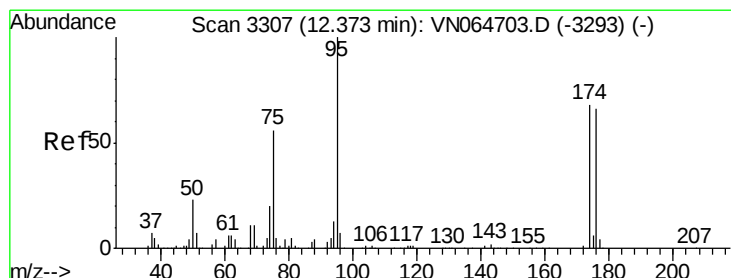
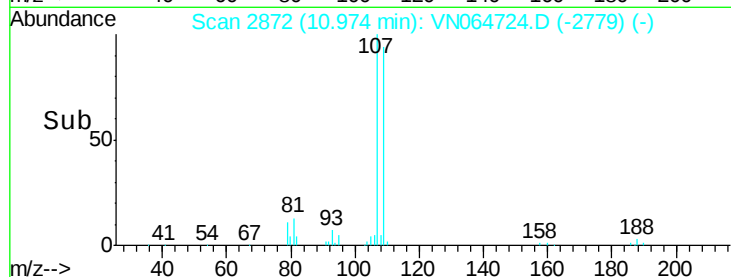
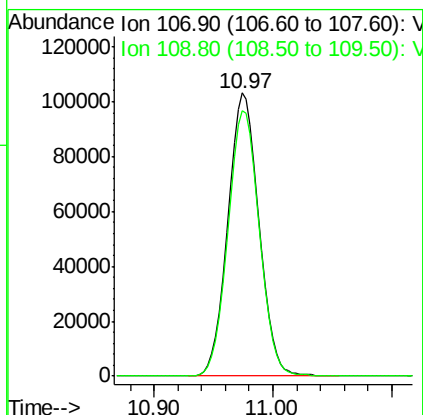
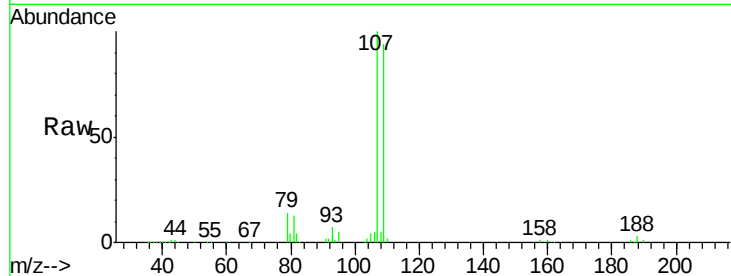




#61
 1,2-Dibromoethane
 Concen: 52.956 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

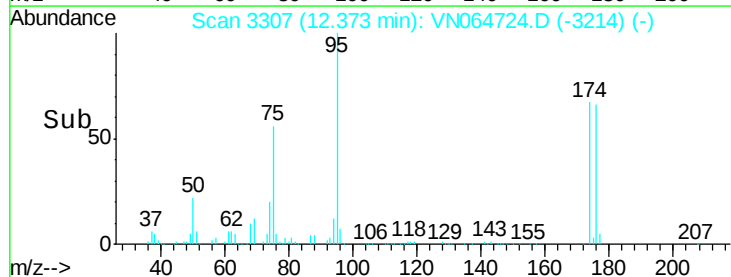
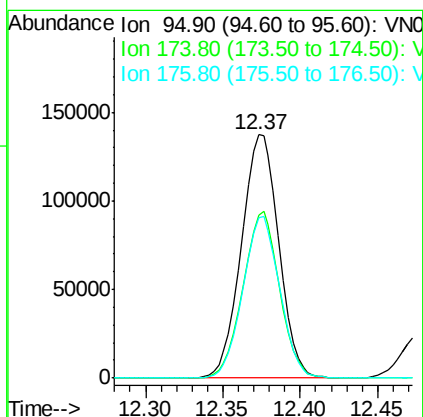
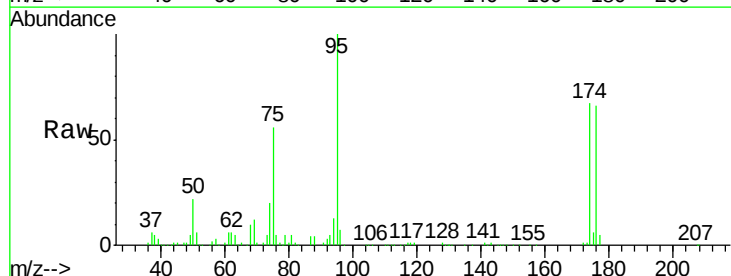
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

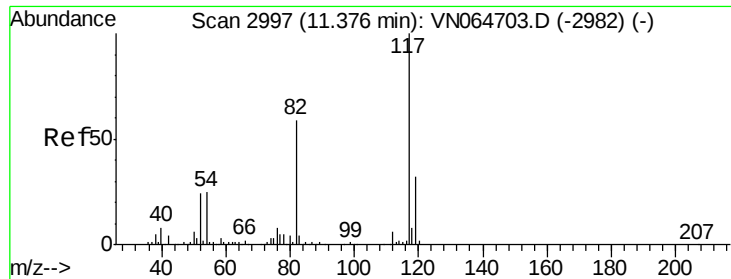
Tot Ion:107 Resp: 186134
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 51.338 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion: 95 Resp: 230998
 Ion Ratio Lower Upper
 95 100
 174 66.9 0.0 136.8
 176 65.5 0.0 134.2

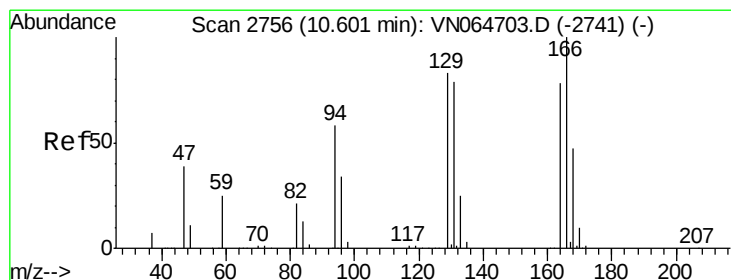
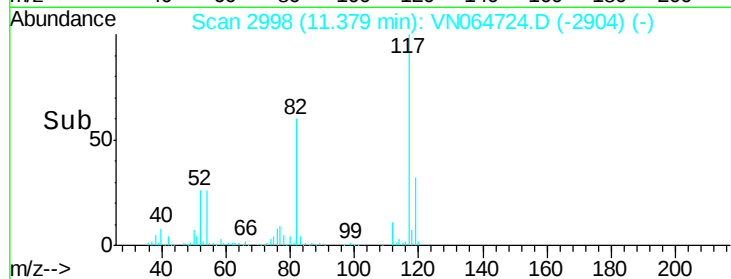
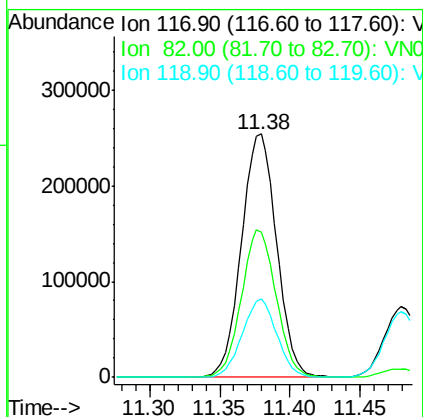
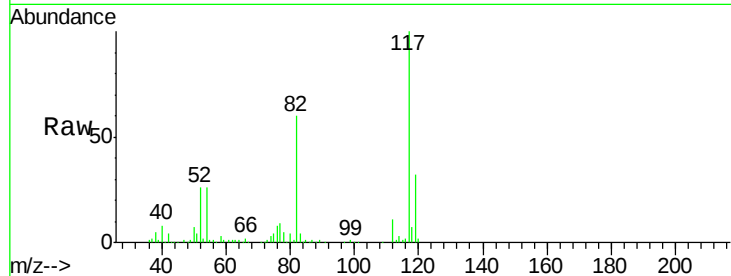




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

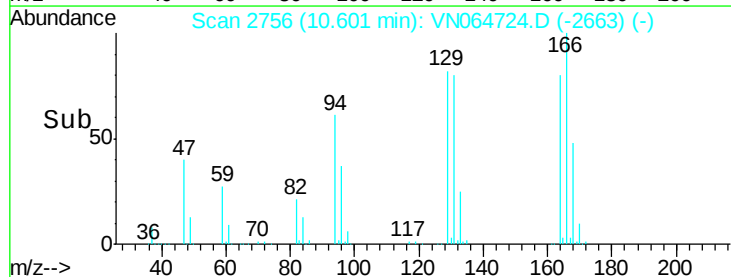
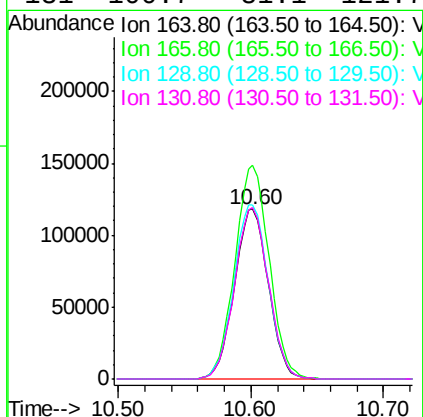
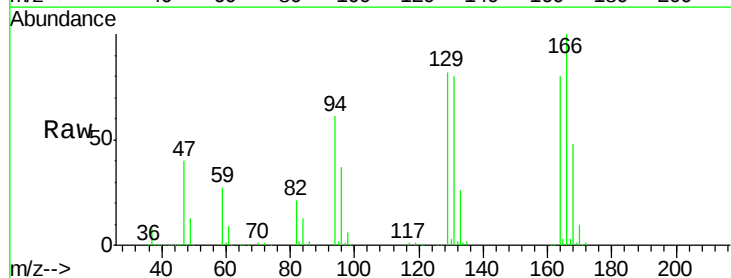
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

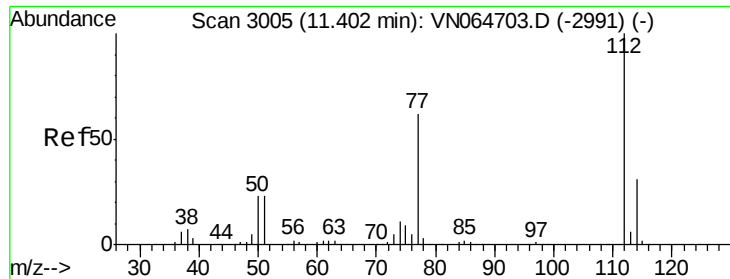
Tot Ion:117 Resp: 445248
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 53.123 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion:164 Resp: 209688
Ion Ratio Lower Upper
164 100
166 125.7 102.2 153.4
129 102.5 84.7 127.1
131 100.7 81.1 121.7

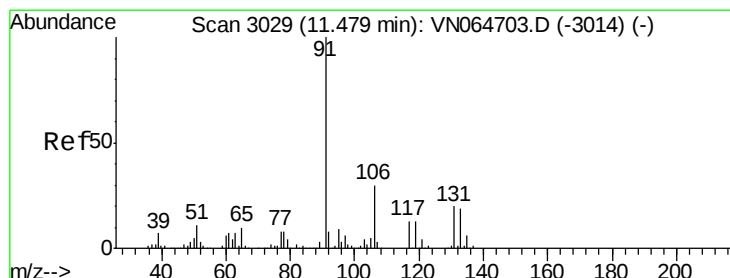
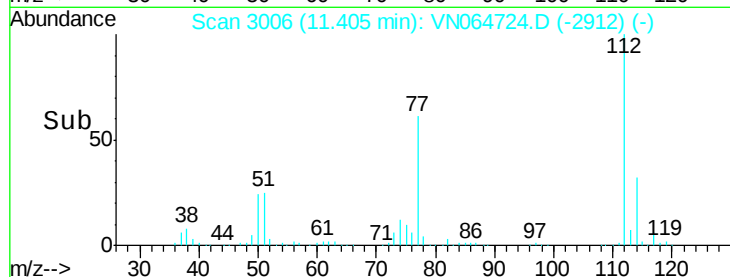
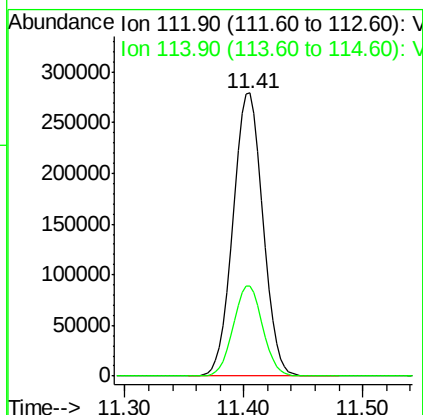
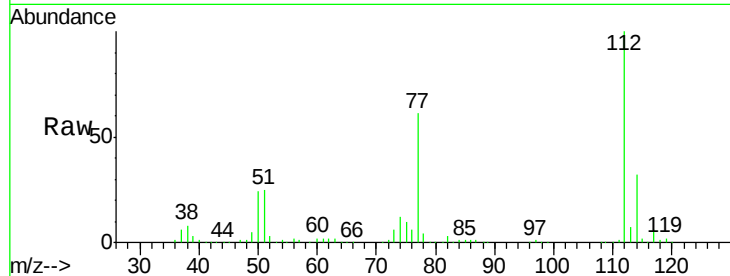




#65
Chlorobenzene
Concen: 51.387 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

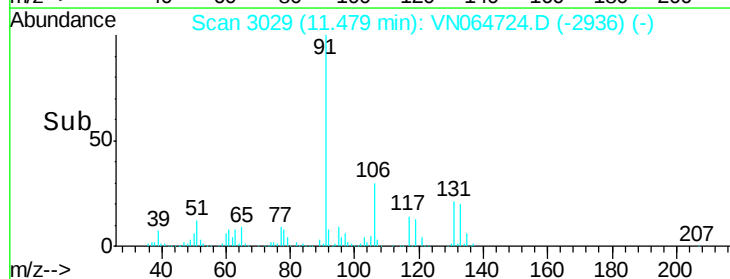
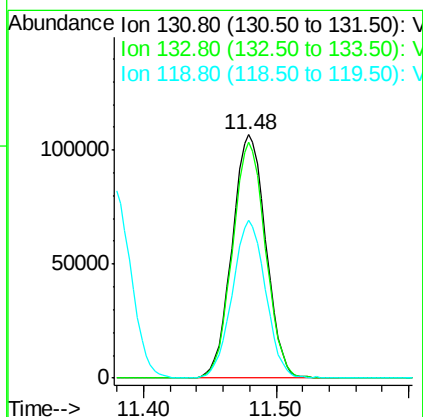
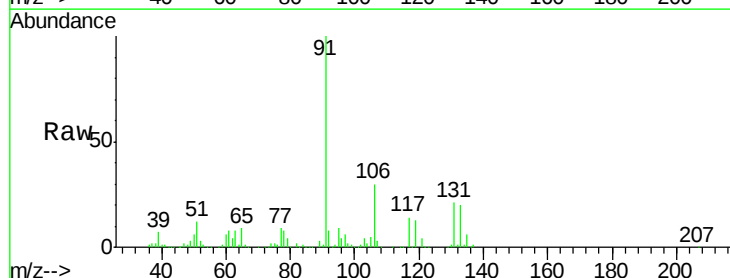
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

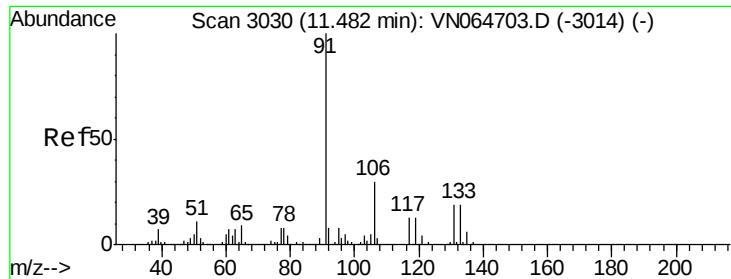
Tot Ion:112 Resp: 486699
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.287 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion:131 Resp: 188579
Ion Ratio Lower Upper
131 100
133 94.9 48.8 146.4
119 63.9 33.5 100.4

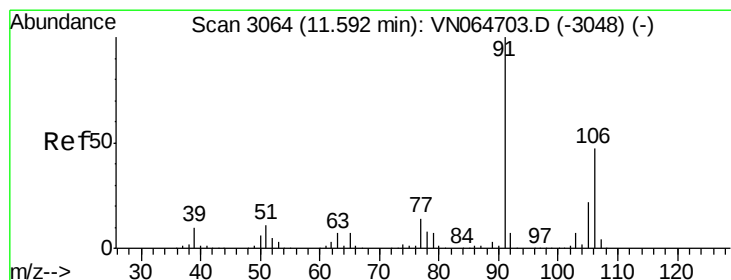
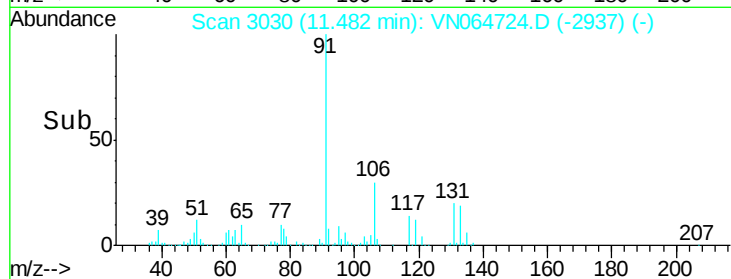
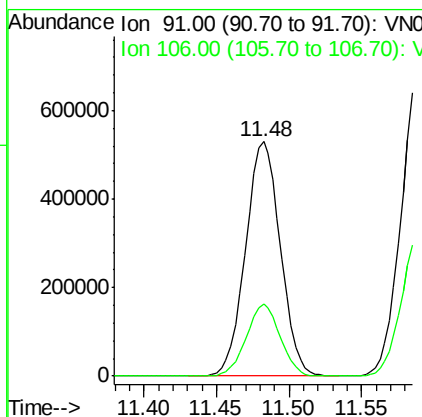
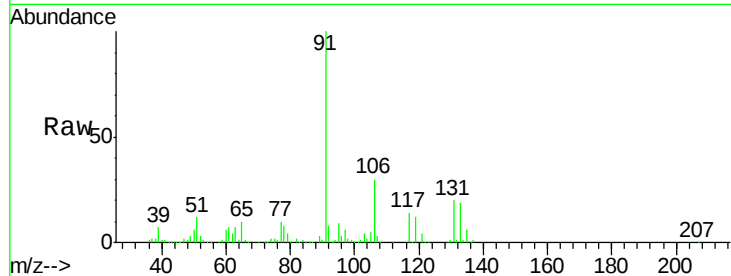




#67
Ethyl Benzene
Concen: 53.005 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

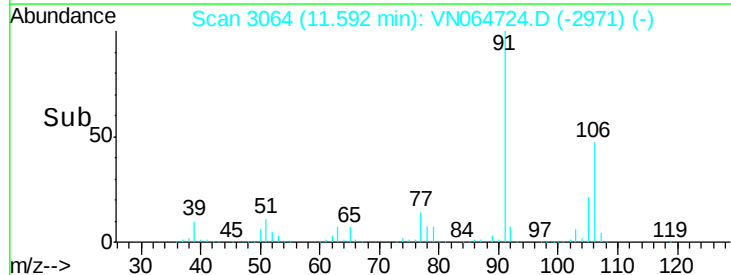
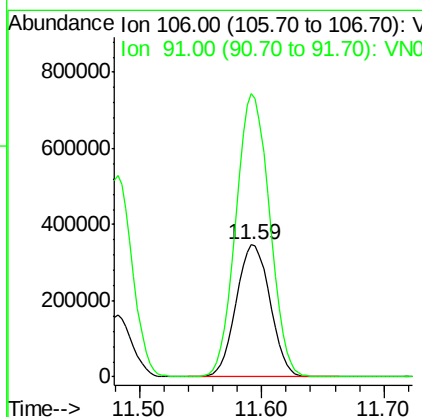
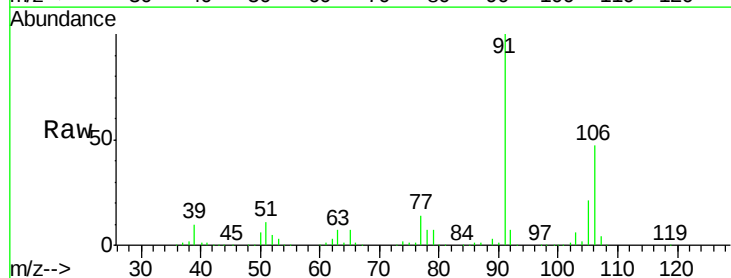
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

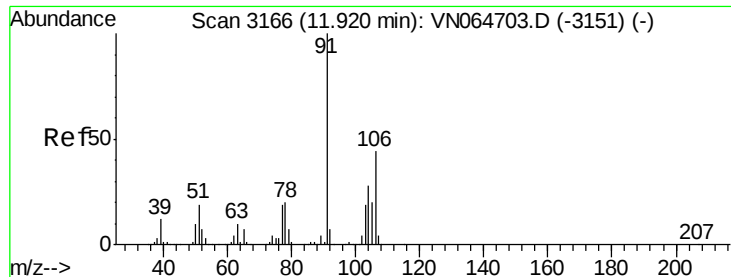
Tot Ion: 91 Resp: 885137
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#68
m/p-Xylenes
Concen: 98.362 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion: 106 Resp: 666526
Ion Ratio Lower Upper
106 100
91 212.9 171.9 257.9

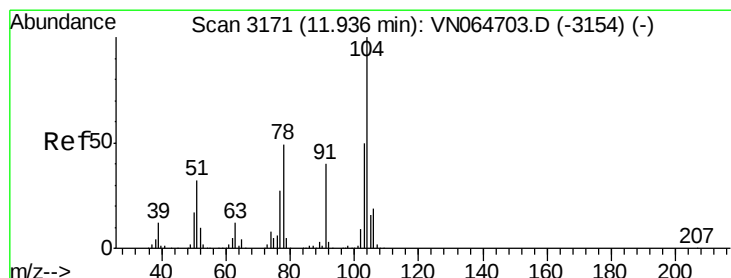
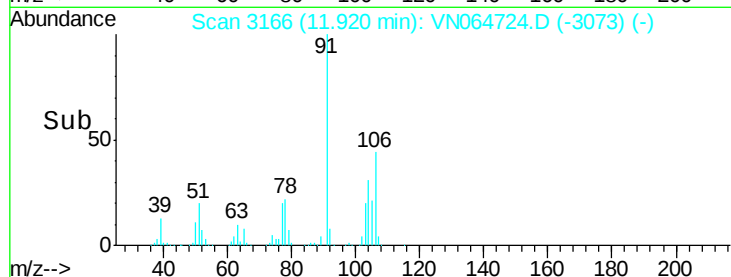
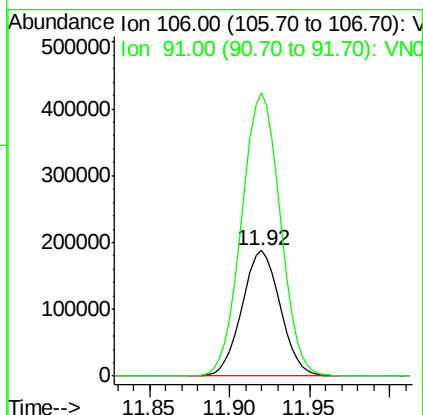
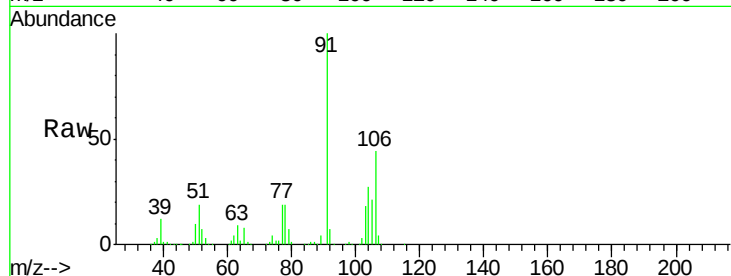




#69
o-Xylene
Concen: 52.688 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

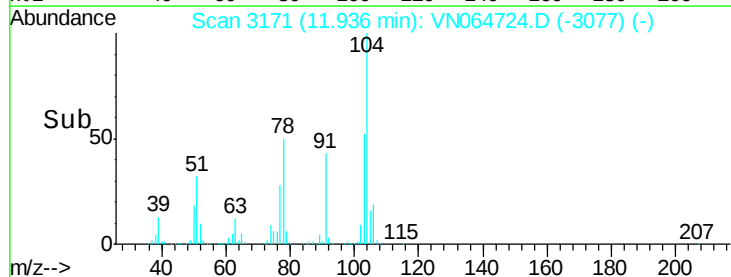
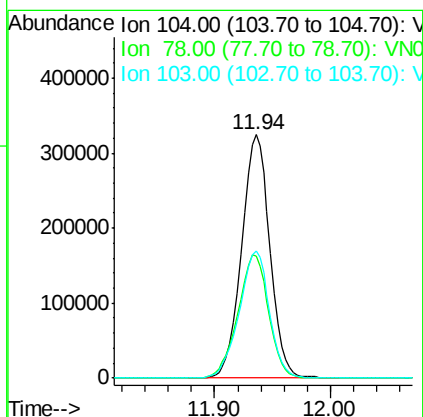
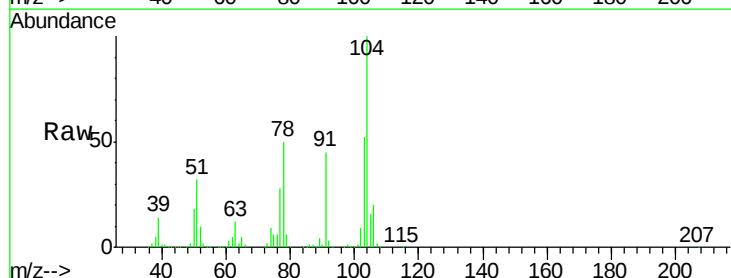
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

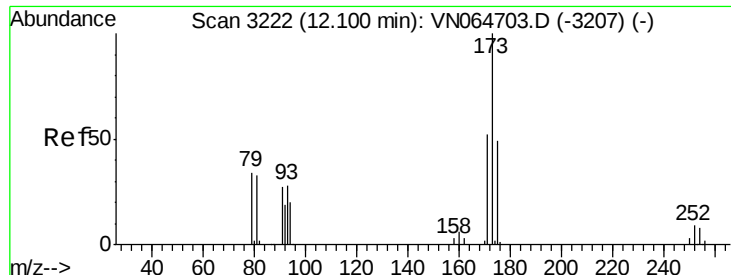
Tot Ion:106 Resp: 306961
Ion Ratio Lower Upper
106 100
91 228.6 112.1 336.3



#70
Styrene
Concen: 48.428 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion:104 Resp: 549309
Ion Ratio Lower Upper
104 100
78 55.0 44.1 66.1
103 55.4 43.7 65.5

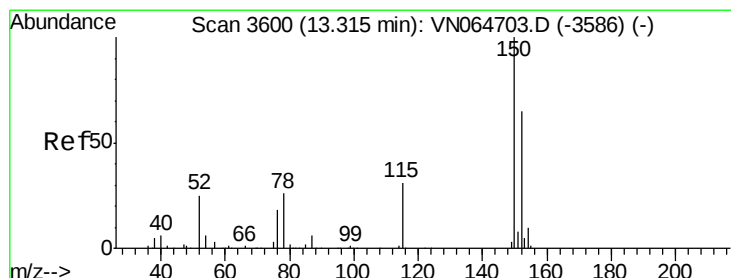
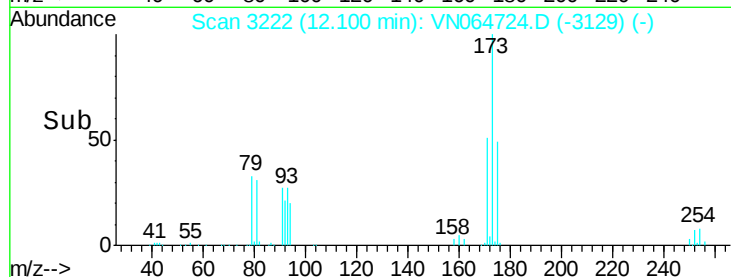
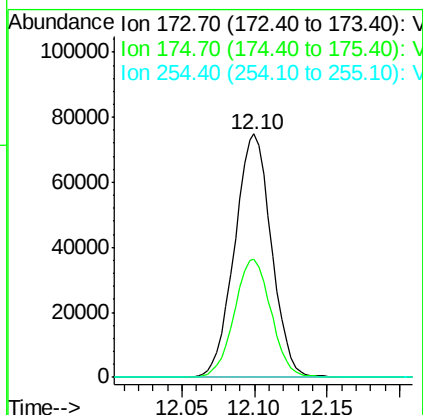
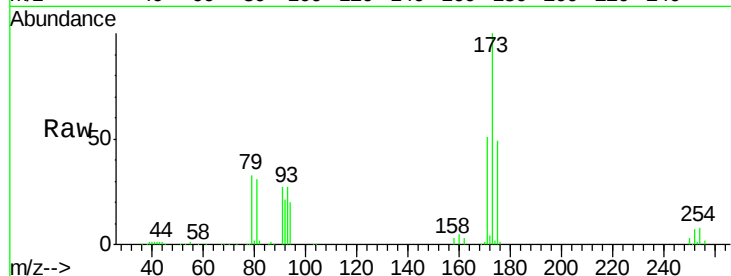




#71
Bromoform
Concen: 47.973 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

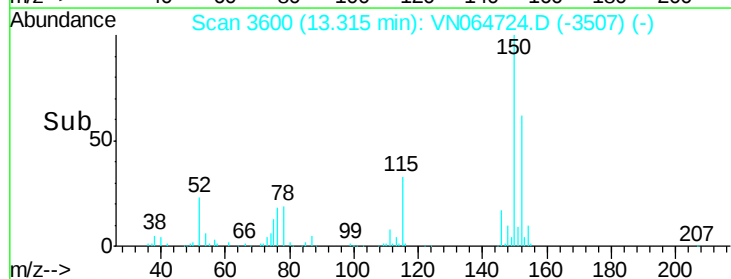
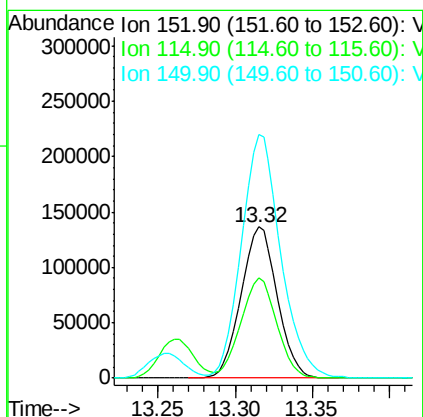
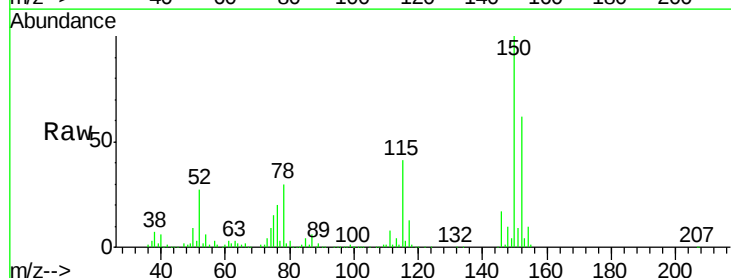
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

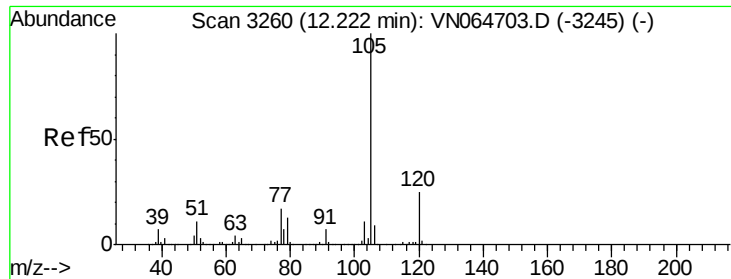
Tot Ion:173 Resp: 131687
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion:152 Resp: 221815
Ion Ratio Lower Upper
152 100
115 65.8 32.1 96.3
150 174.8 0.0 344.8





#73

Isopropylbenzene

Concen: 52.557 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

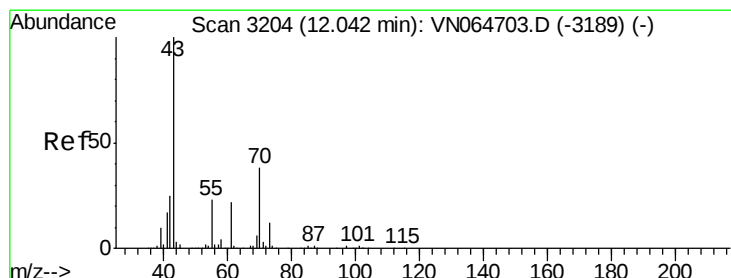
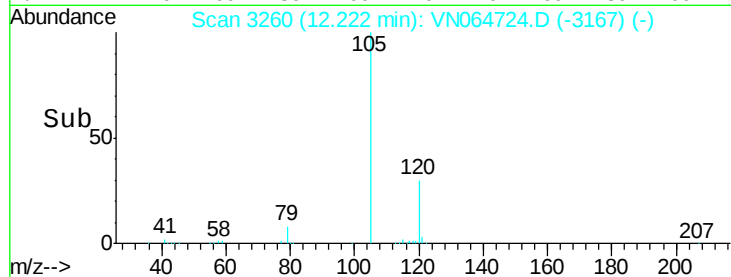
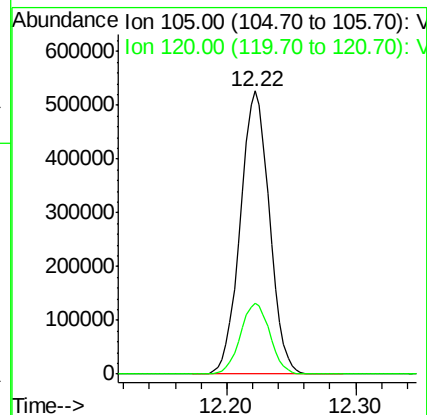
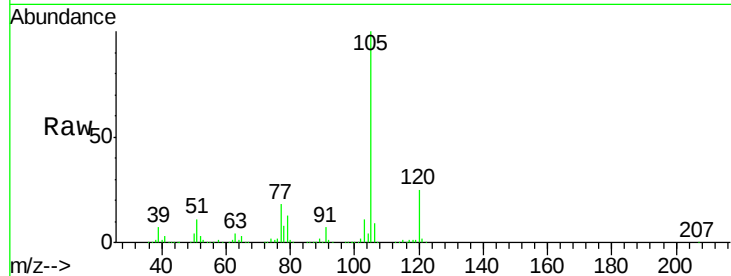
VSTDCCC050

Tot Ion:105 Resp: 827709

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



#74

N-ethyl acetate

Concen: 50.581 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Tgt Ion: 43 Resp: 372019

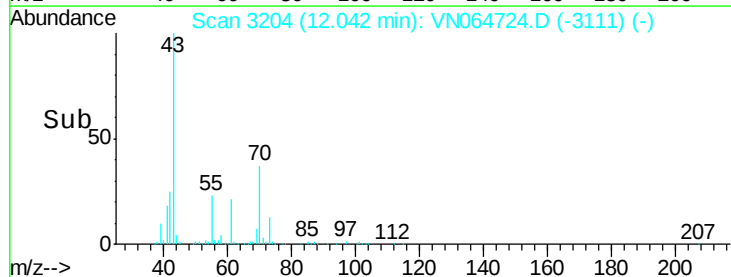
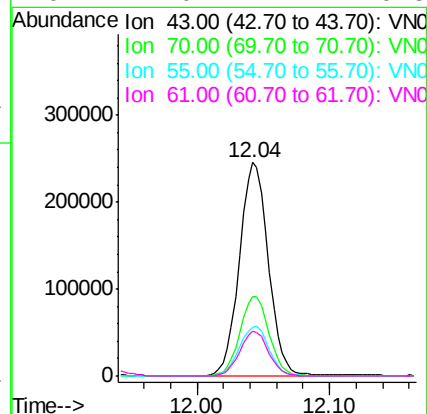
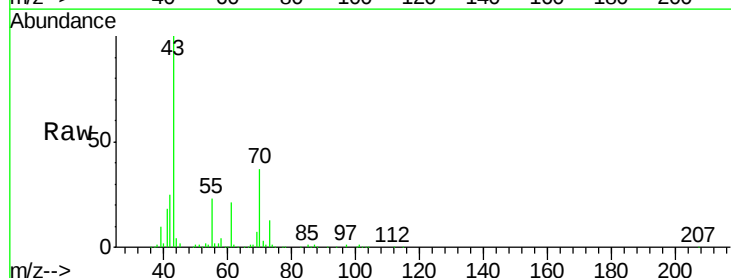
Ion Ratio Lower Upper

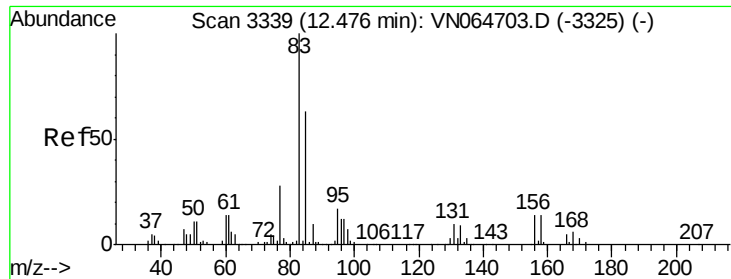
43 100

70 37.6 30.3 45.5

55 24.1 18.9 28.3

61 21.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.298 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

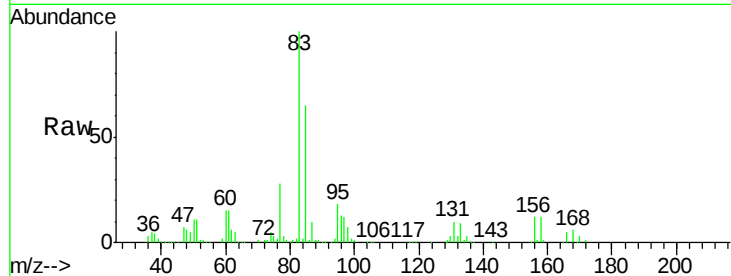
Tot Ion: 83 Resp: 217066

Ion Ratio Lower Upper

83 100

131 10.1 5.0 15.0

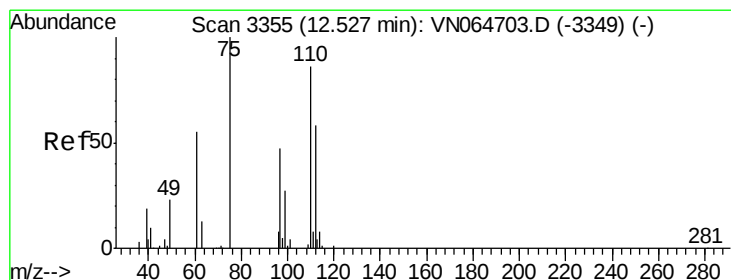
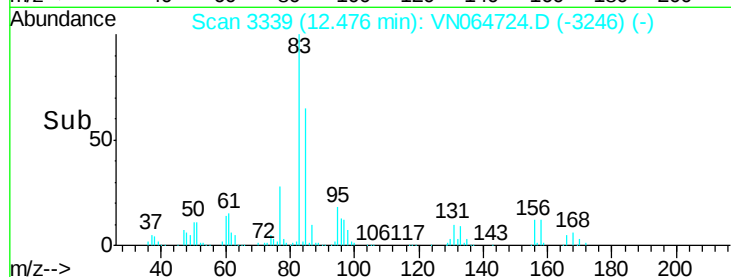
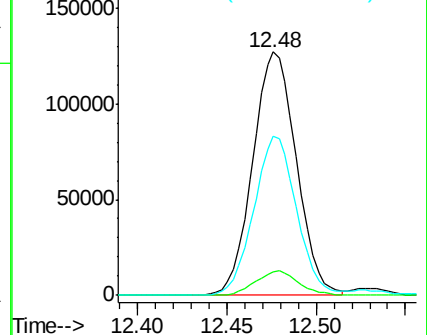
85 64.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.278 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064724.D

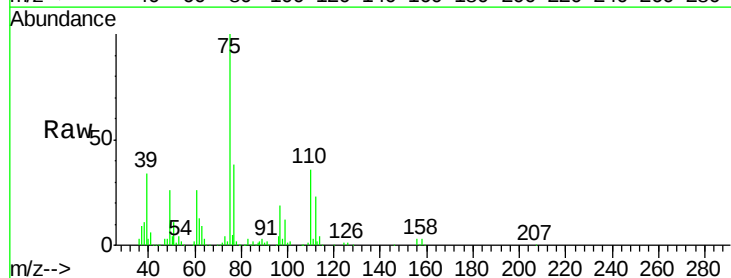
Acq: 19 Nov 2020 10:58

Tgt Ion: 75 Resp: 355002

Ion Ratio Lower Upper

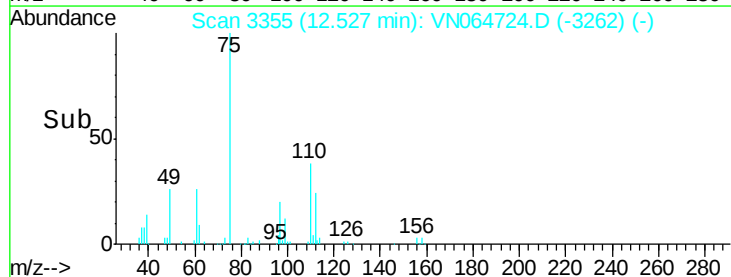
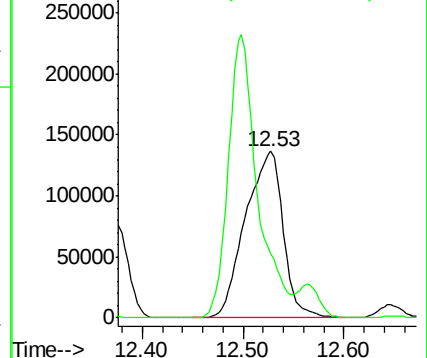
75 100

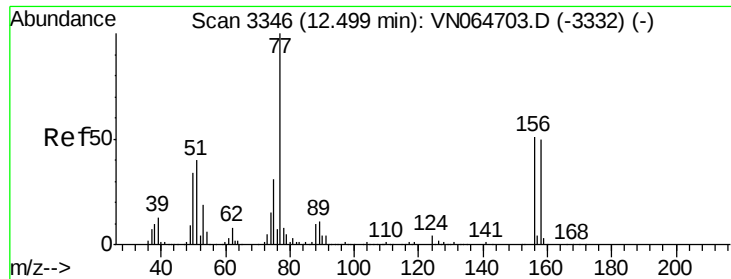
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.586 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

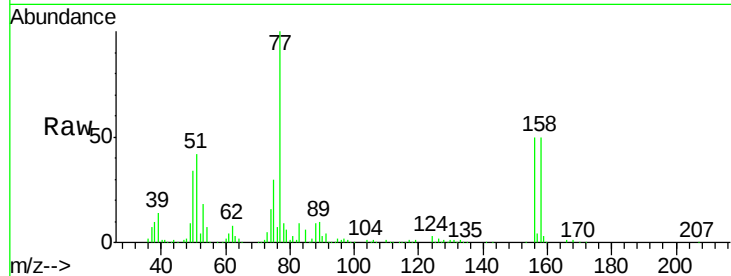
Tot Ion:156 Resp: 196960

Ion Ratio Lower Upper

156 100

77 239.2 117.3 351.9

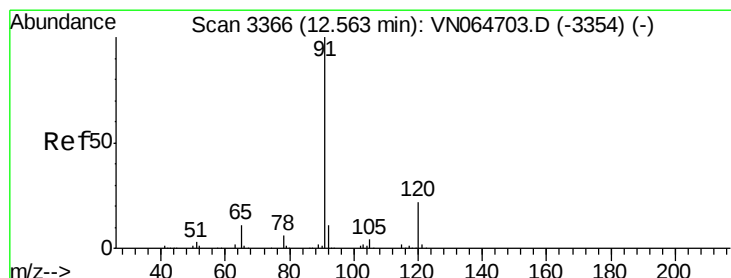
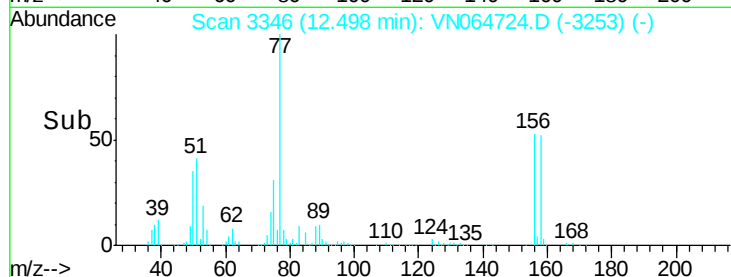
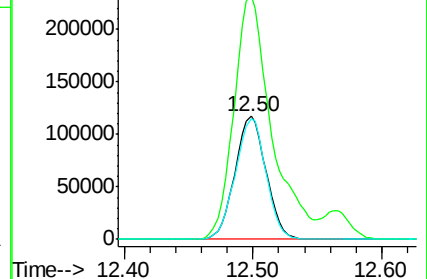
158 96.9 49.0 147.2



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: 54.371 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064724.D

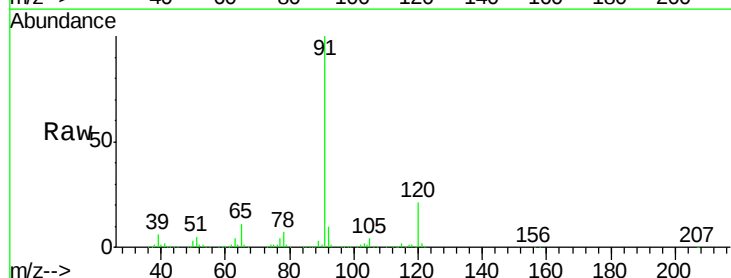
Acq: 19 Nov 2020 10:58

Tgt Ion: 91 Resp: 997196

Ion Ratio Lower Upper

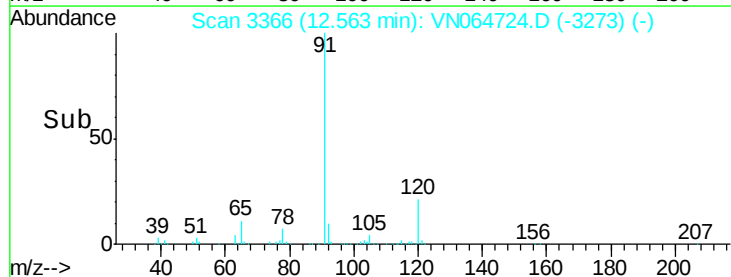
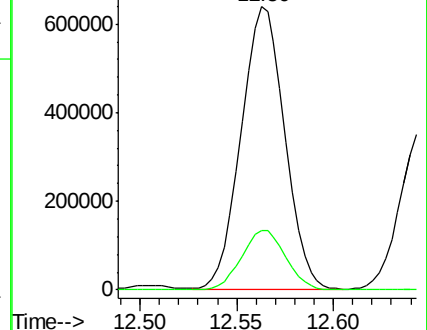
91 100

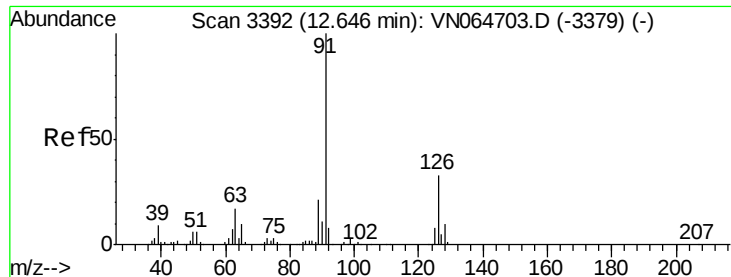
120 21.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

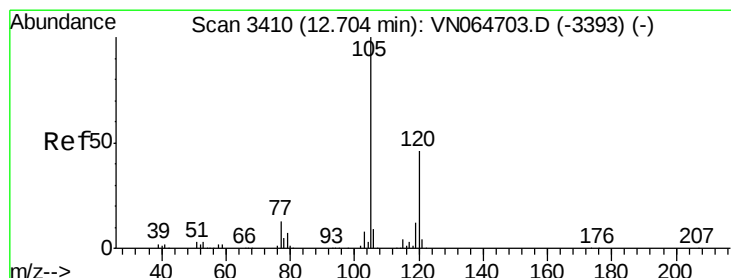
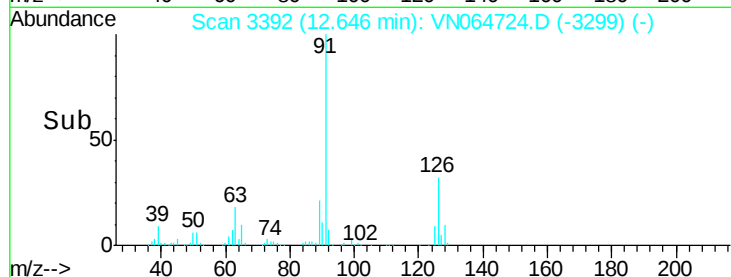
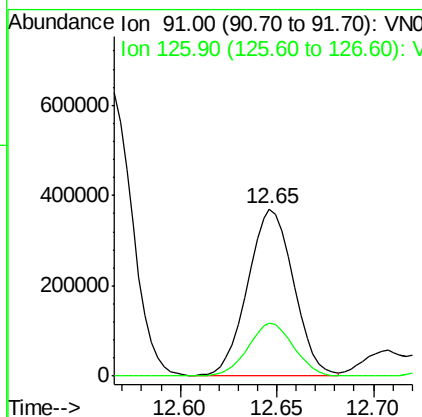
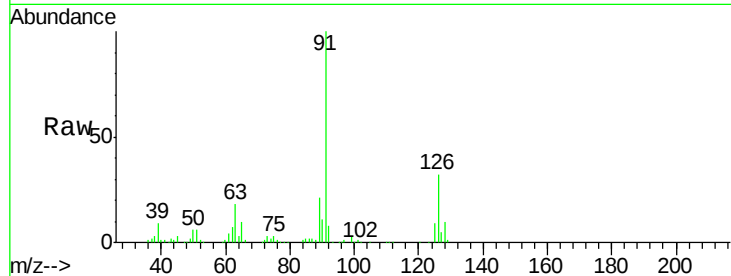




#79
 2-Chlorotoluene
 Concen: 51.628 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

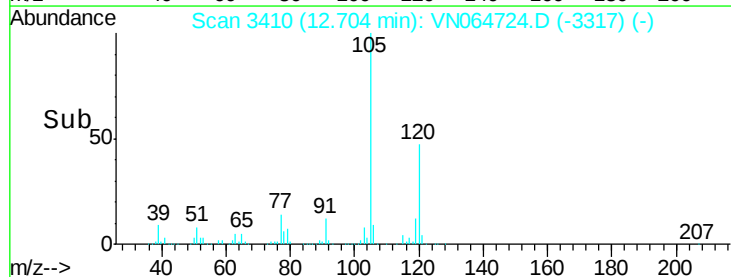
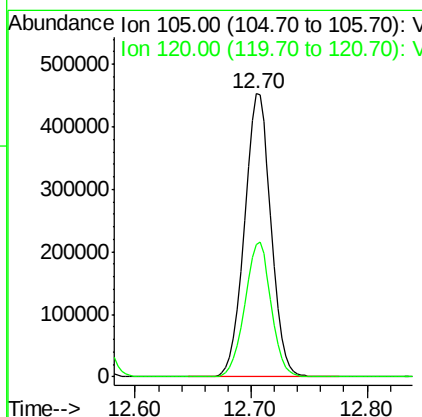
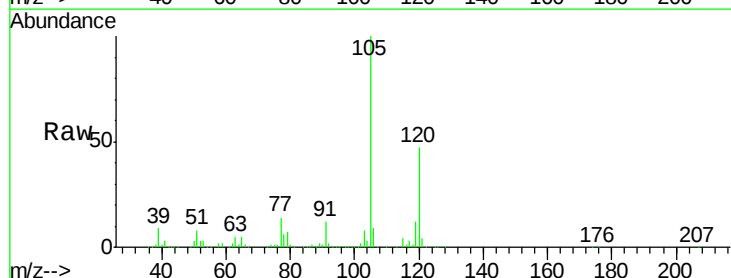
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

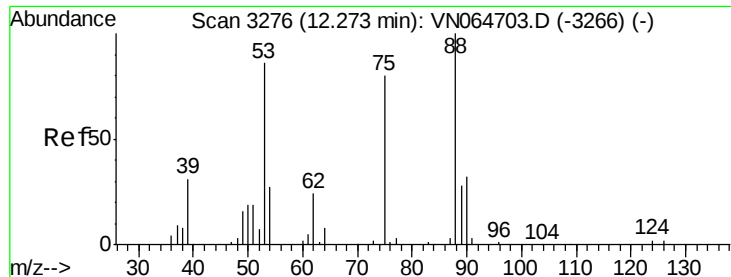
Tot Ion: 91 Resp: 606036
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.0 48.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.826 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion: 105 Resp: 717269
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.224 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

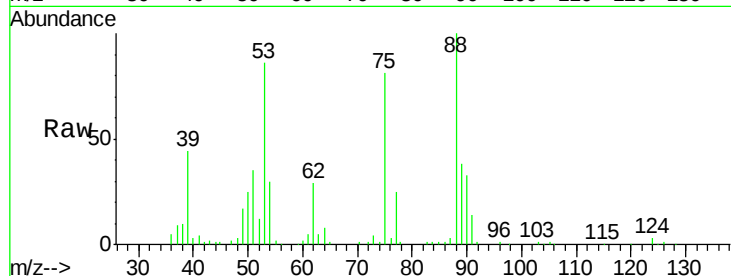
Tot Ion: 75 Resp: 87420

Ion Ratio Lower Upper

75 100

53 110.0 88.8 133.2

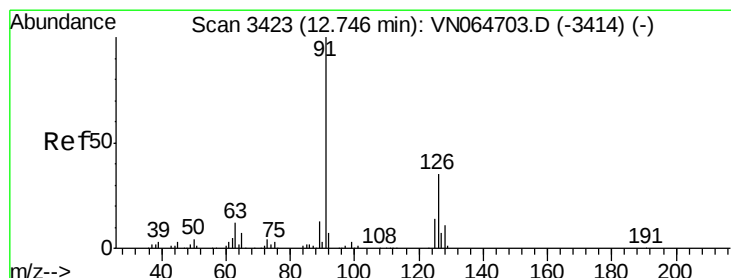
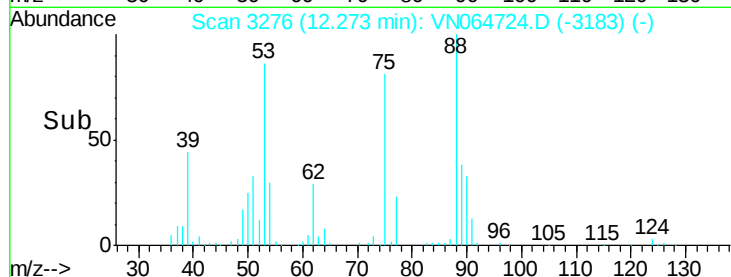
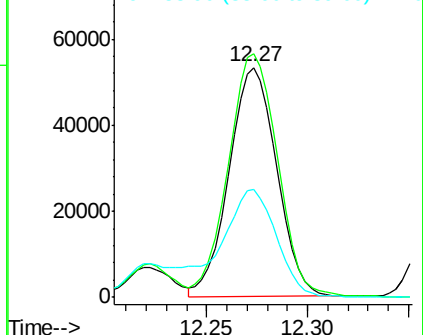
89 50.9 43.1 64.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.485 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064724.D

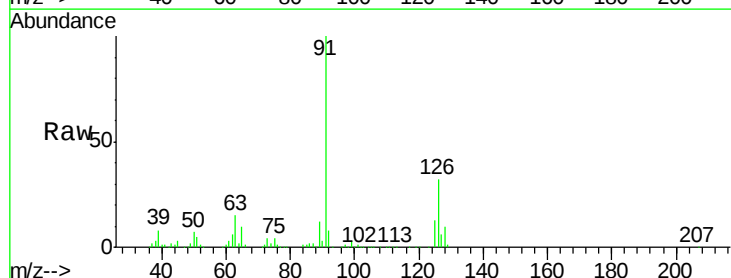
Acq: 19 Nov 2020 10:58

Tgt Ion: 91 Resp: 656938

Ion Ratio Lower Upper

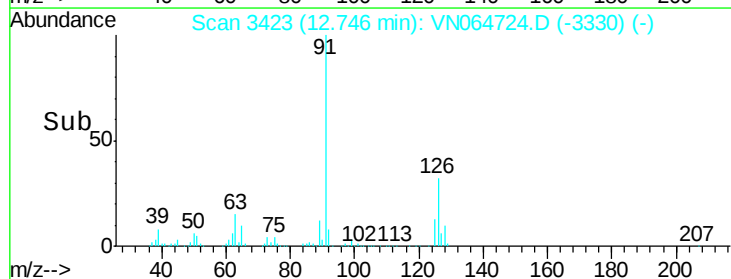
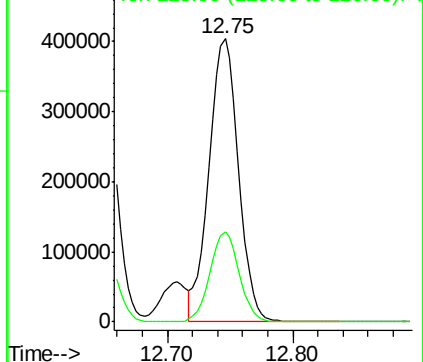
91 100

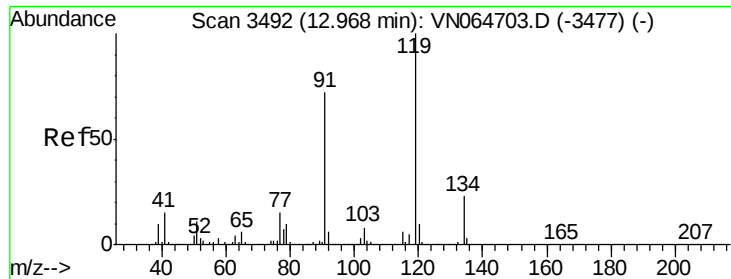
126 31.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

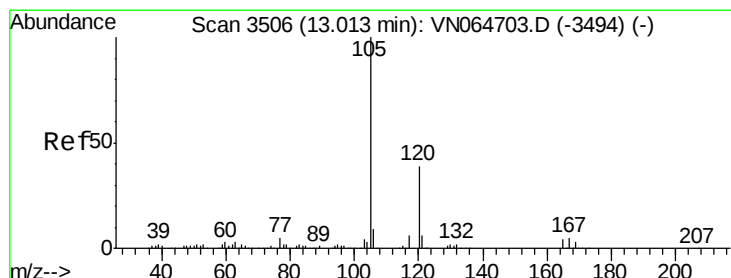
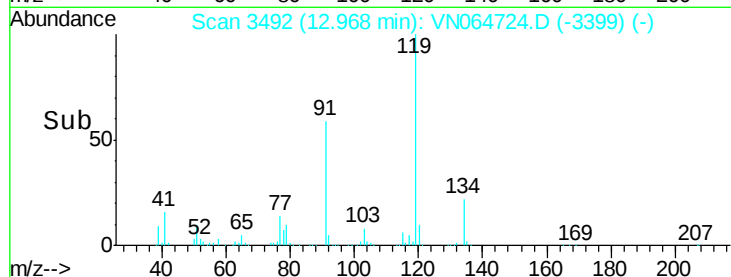
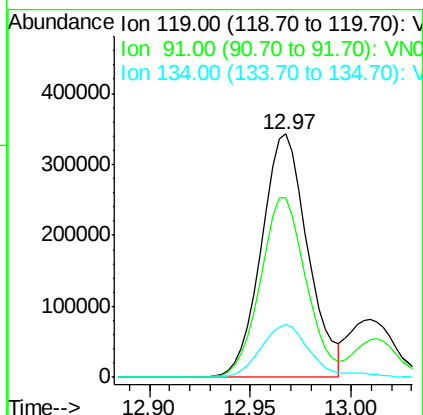
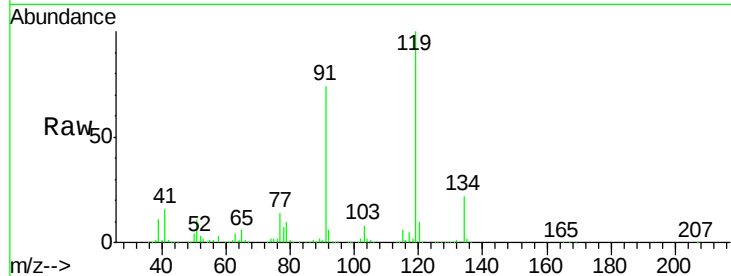




#83
tert-Butylbenzene
Concen: 54.257 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

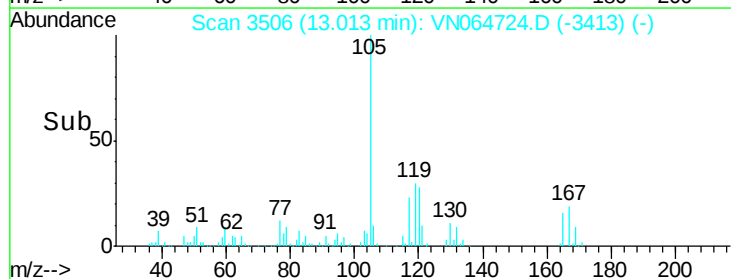
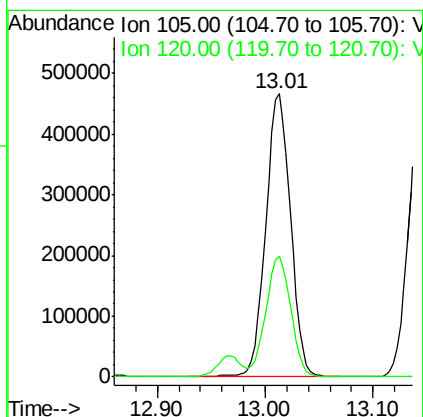
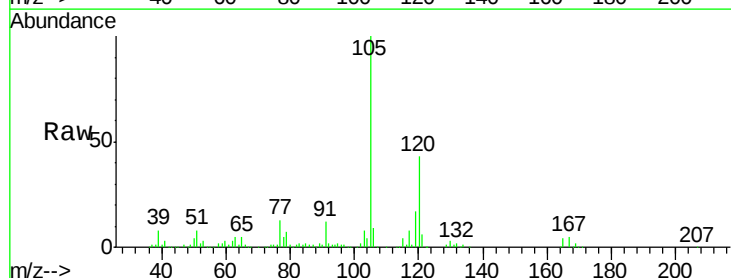
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

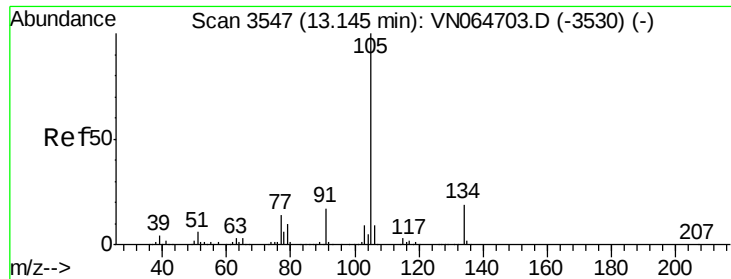
Tot Ion:119 Resp: 549123
Ion Ratio Lower Upper
119 100
91 72.7 35.8 107.4
134 23.4 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 55.736 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064724.D
Acq: 19 Nov 2020 10:58

Tgt Ion:105 Resp: 744188
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 55.016 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

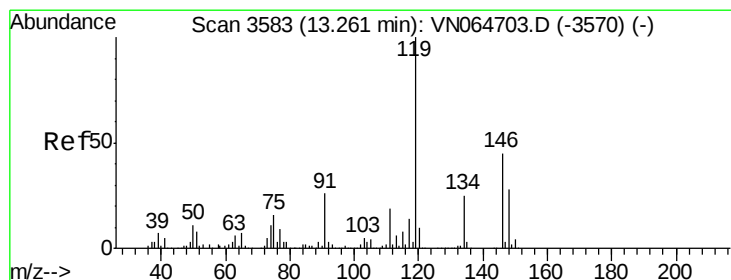
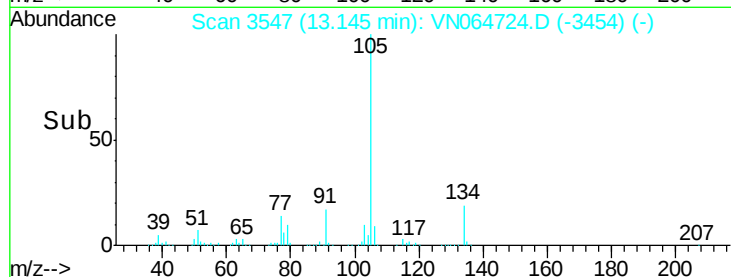
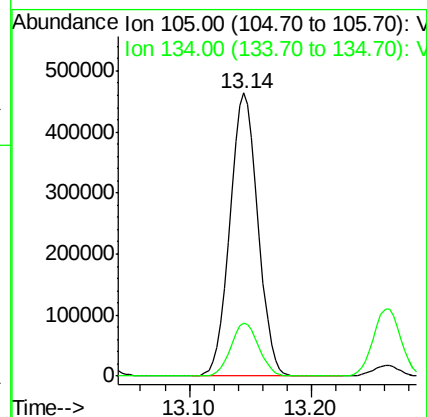
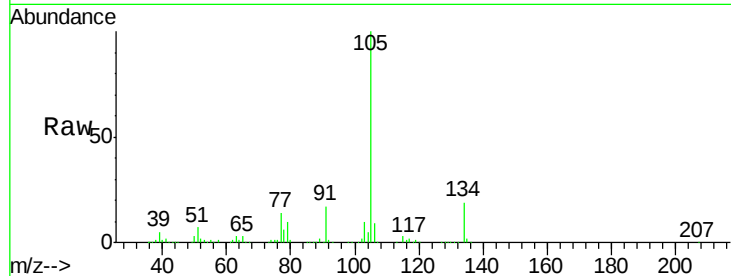
VSTDCCC050

Tot Ion:105 Resp: 742161

Ion Ratio Lower Upper

105 100

134 18.8 9.5 28.5



#86

p-Isopropyltoluene

Concen: 55.004 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

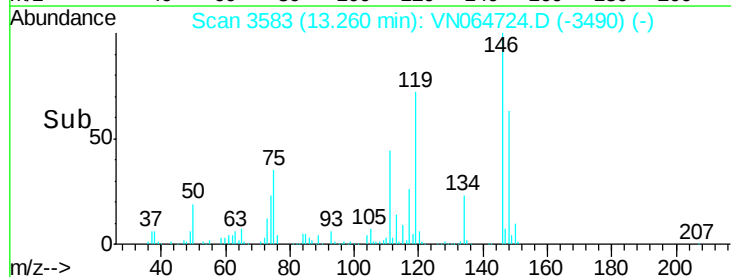
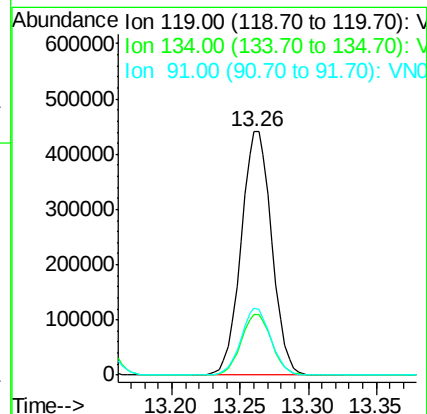
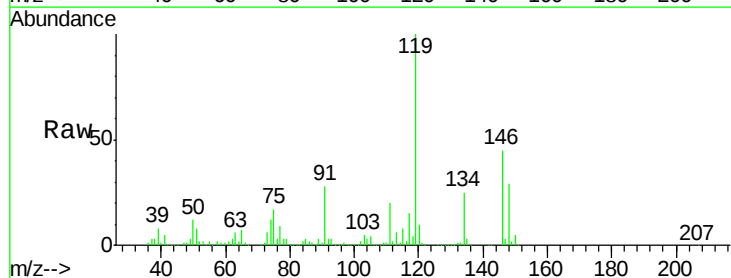
Tgt Ion:119 Resp: 682415

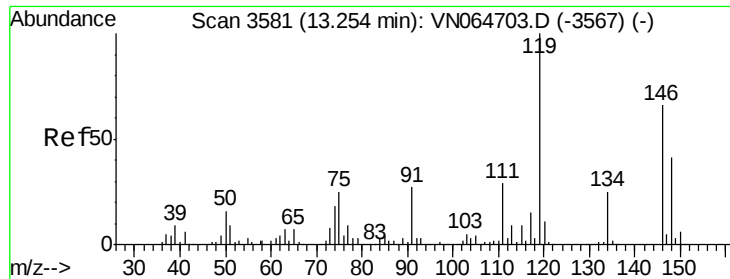
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.0

91 26.7 13.3 39.8

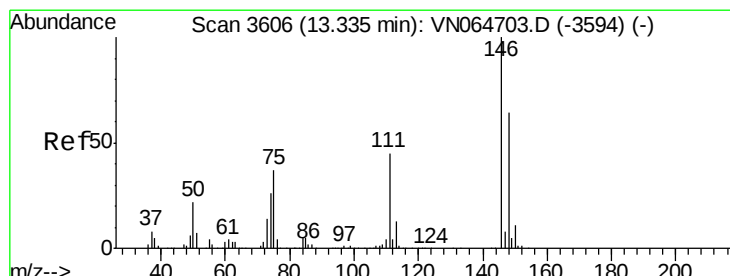
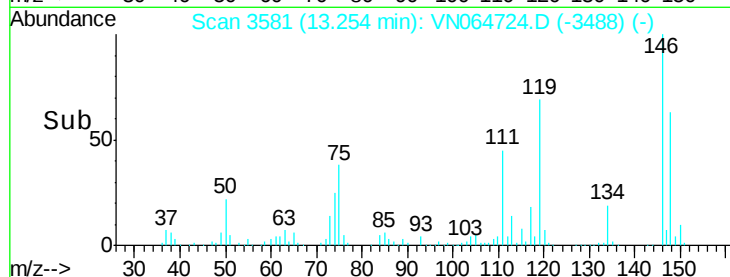
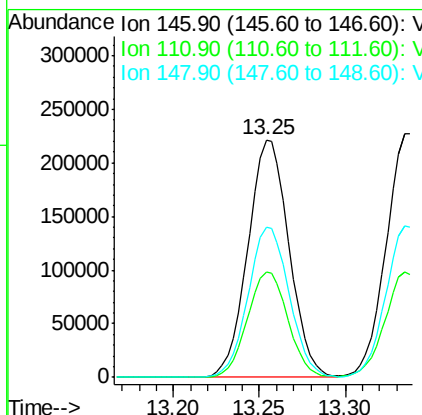
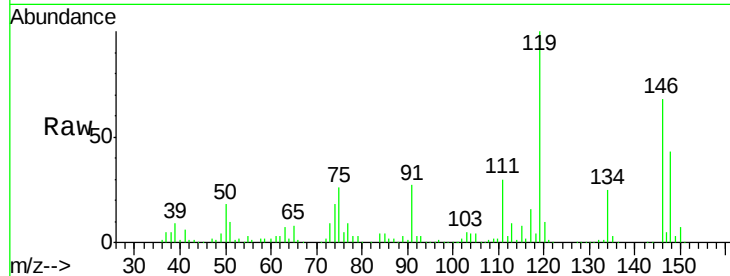




#87
 1,3-Dichlorobenzene
 Concen: 50.748 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

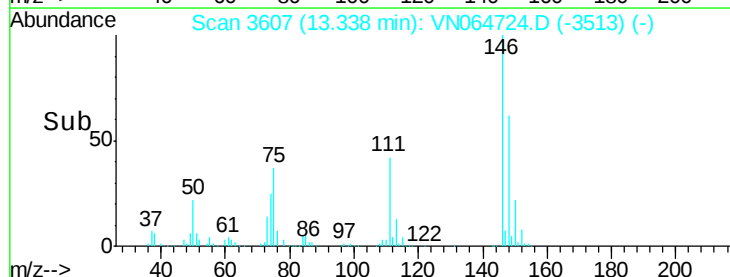
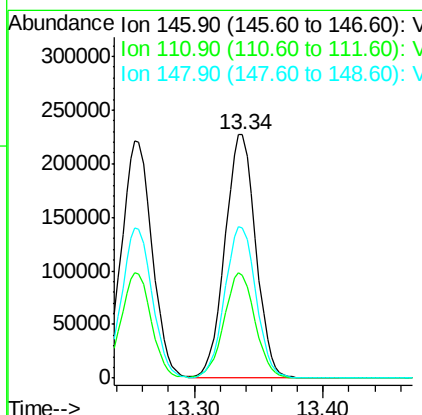
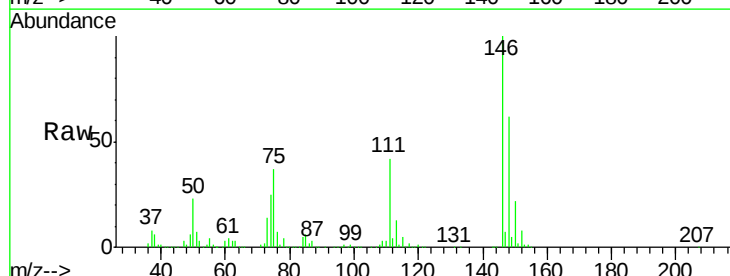
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

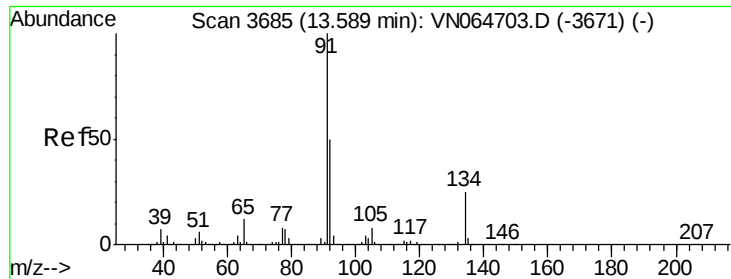
Tot Ion:146 Resp: 367281
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.4
 148 63.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 50.625 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion:146 Resp: 376150
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.3 66.8
 148 62.8 31.6 94.7





#89

n-Butylbenzene

Concen: 52.843 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

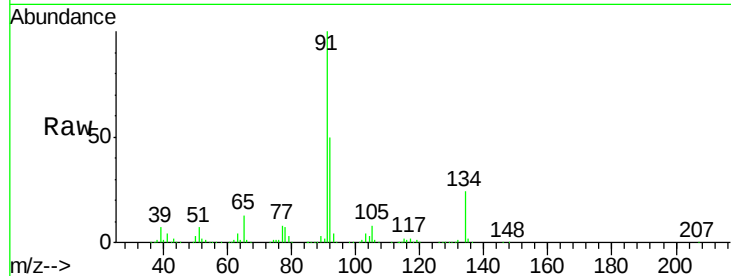
Tot Ion: 91 Resp: 612032

Ion Ratio Lower Upper

91 100

92 50.2 24.9 74.8

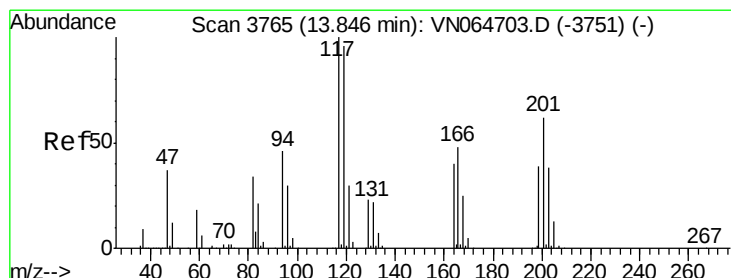
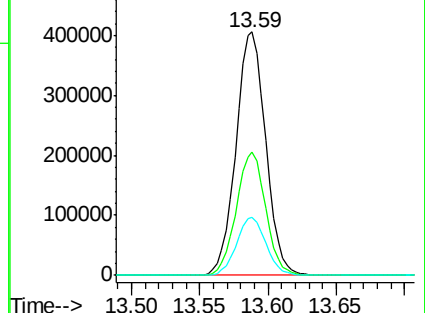
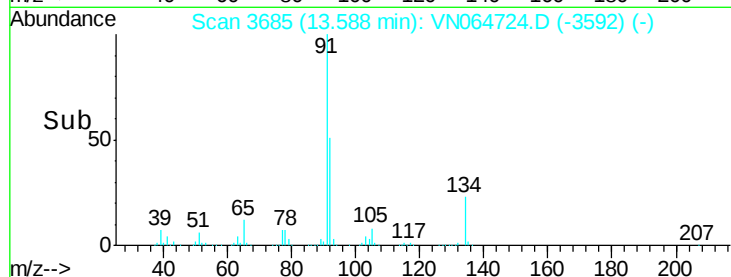
134 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN064724.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064724.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064724.D (-3671) (-)



#90

Hexachloroethane

Concen: 56.703 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064724.D

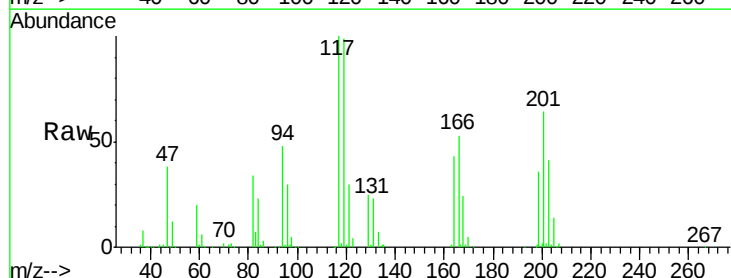
Acq: 19 Nov 2020 10:58

Tgt Ion: 117 Resp: 116296

Ion Ratio Lower Upper

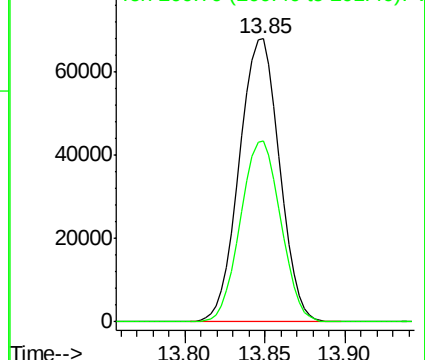
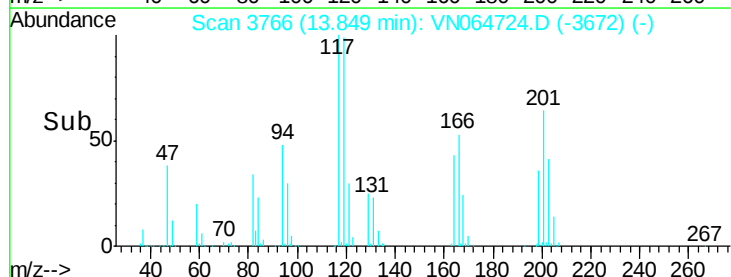
117 100

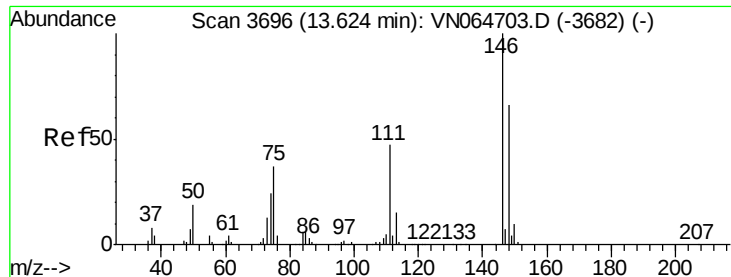
201 63.7 31.9 95.5



Abundance Ion 116.80 (116.50 to 117.50): VN064724.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN064724.D (-3751) (-)

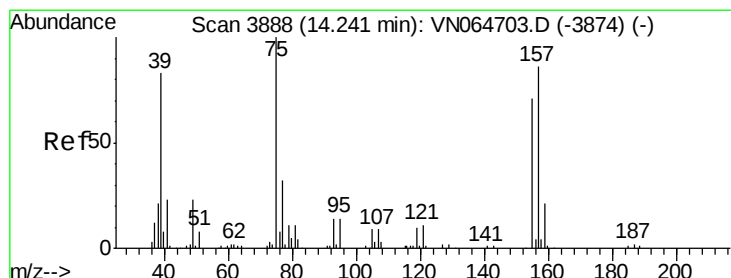
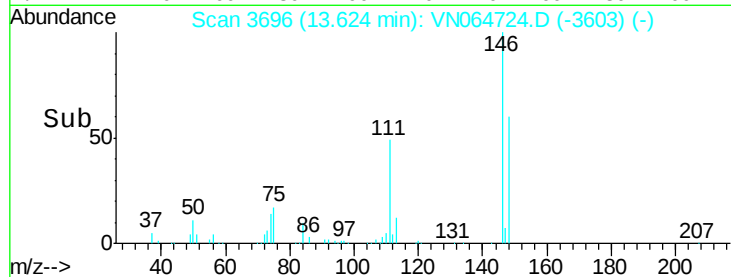
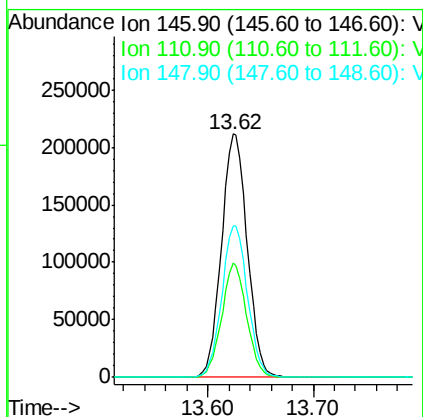
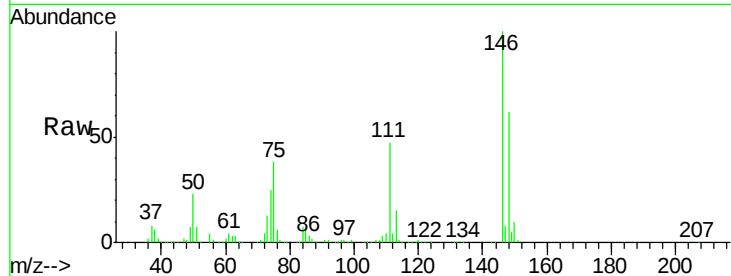




#91
 1,2-Dichlorobenzene
 Concen: 50.467 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

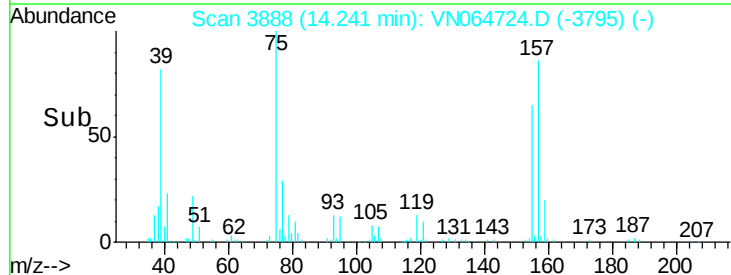
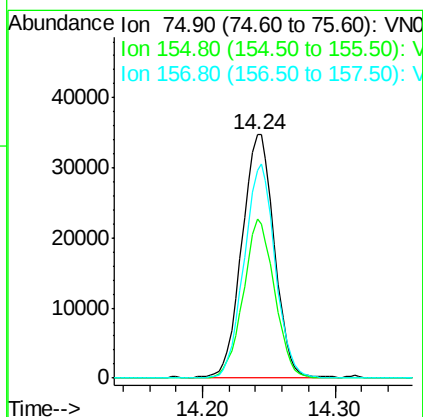
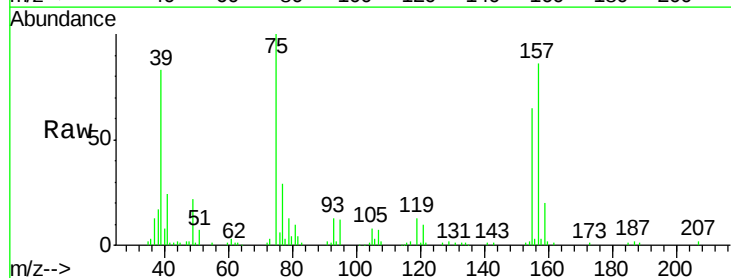
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

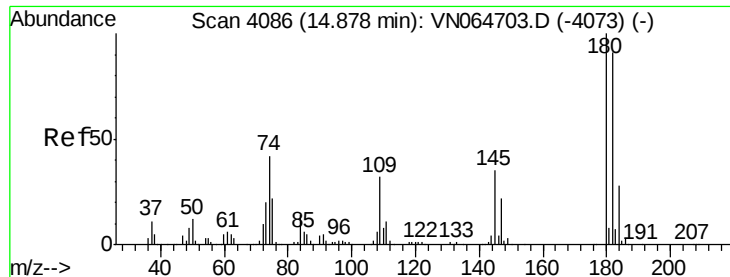
Tot Ion:146 Resp: 356978
 Ion Ratio Lower Upper
 146 100
 111 45.4 23.1 69.3
 148 62.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.150 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion: 75 Resp: 59101
 Ion Ratio Lower Upper
 75 100
 155 62.6 33.6 100.6
 157 84.2 42.4 127.2

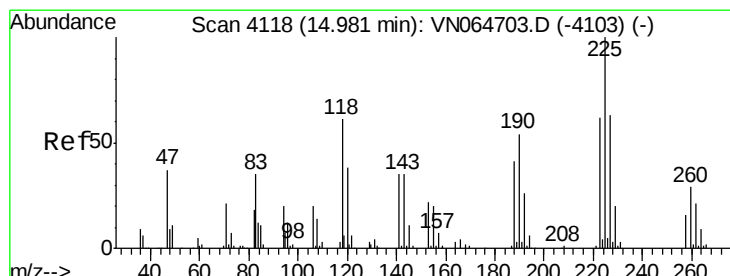
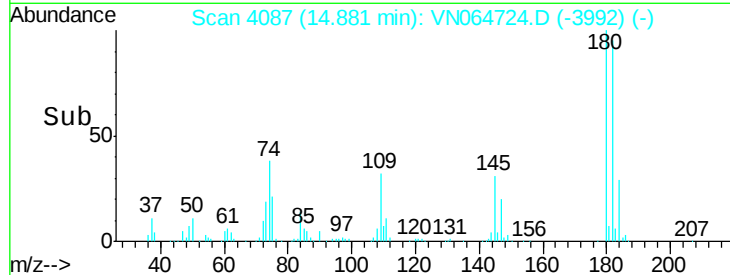
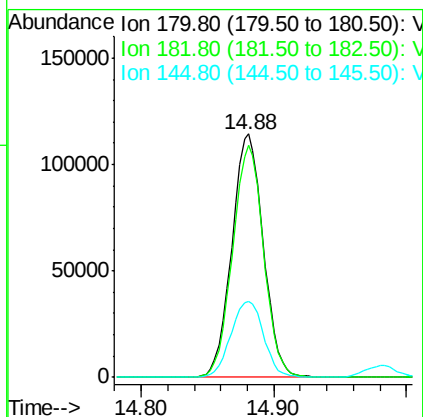
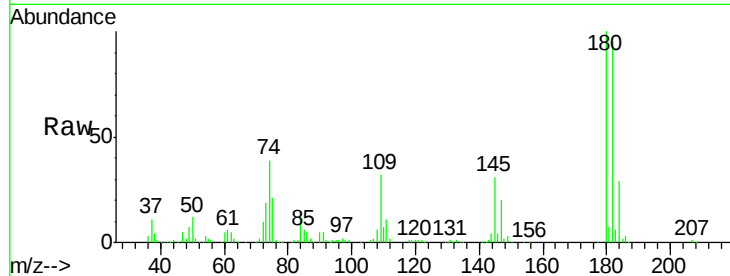




#93
 1,2,4-Trichlorobenzene
 Concen: 48.846 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

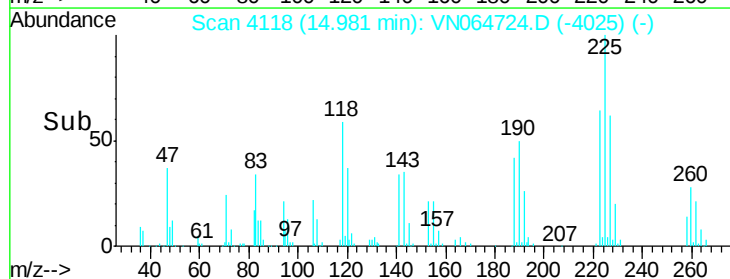
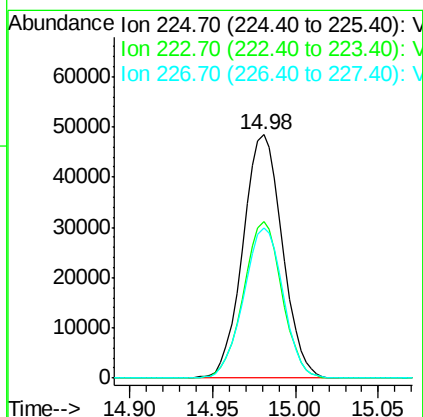
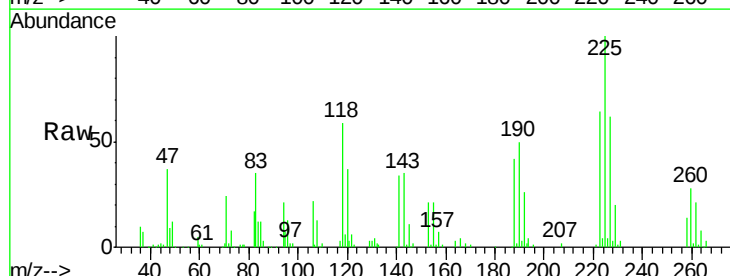
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

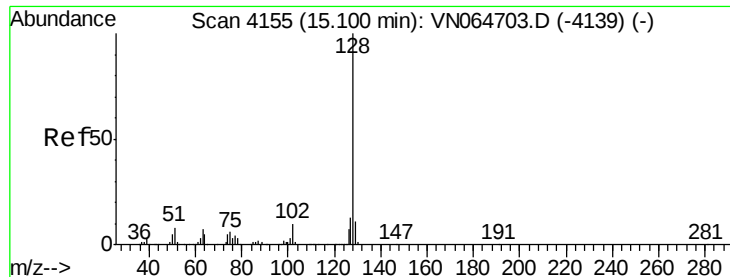
Tot Ion:180 Resp: 187876
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.8
 145 32.5 17.5 52.5



#94
 Hexachlorobutadiene
 Concen: 50.782 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064724.D
 Acq: 19 Nov 2020 10:58

Tgt Ion:225 Resp: 80047
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.2 93.6
 227 61.9 32.1 96.3





#95

Naphthalene

Concen: 50.792 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

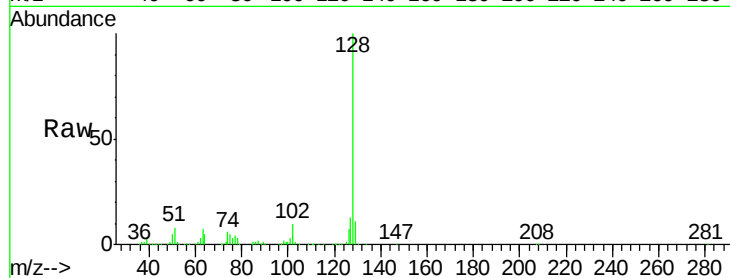
Tot Ion:128 Resp: 633235

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.0 8.9 13.3

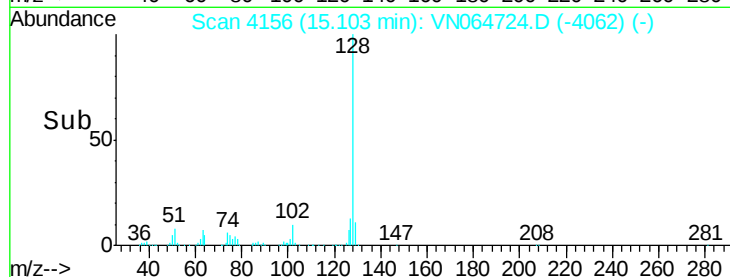


Abundance Ion 128.00 (127.70 to 128.70): V

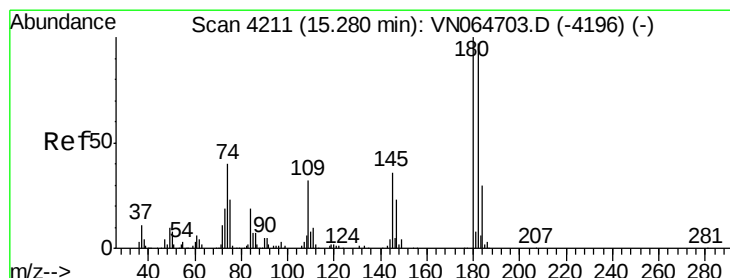
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.10



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 49.463 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064724.D

Acq: 19 Nov 2020 10:58

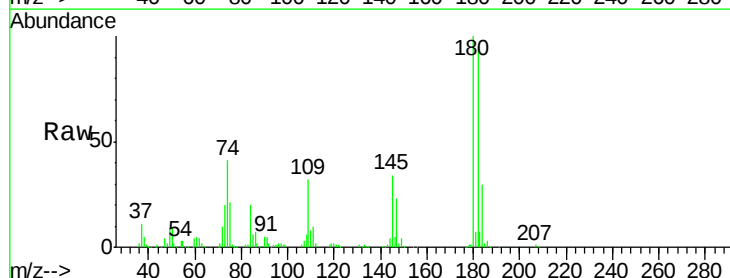
Tgt Ion:180 Resp: 182513

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 34.9 18.1 54.1

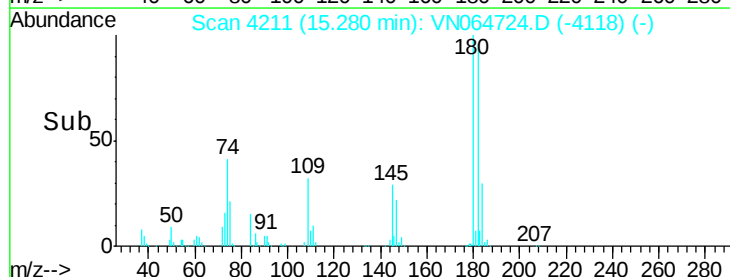


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.28



Time-->