

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064750.D
 Acq On : 19 Nov 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 03:56:39 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	363230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	618642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	568767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245505	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	271248	42.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.90%	
35) Dibromofluoromethane	7.55	113	186096	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.06	98	779318	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.37	95	276565	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	195129	42.993	ug/l	98
3) Chloromethane	2.04	50	255106	50.831	ug/l	97
4) Vinyl Chloride	2.17	62	264839	50.574	ug/l	100
5) Bromomethane	2.53	94	158628	41.309	ug/l	97
6) Chloroethane	2.68	64	162740	46.060	ug/l	95
7) Trichlorofluoromethane	2.99	101	363756	38.784	ug/l	98
8) Diethyl Ether	3.38	74	135501	44.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	203177	50.128	ug/l	96
10) Methyl Iodide	3.91	142	225871	46.619	ug/l	95
11) Tert butyl alcohol	4.74	59	159385	257.108	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	198392	50.803	ug/l	93
13) Acrolein	3.57	56	57702	397.571	ug/l	96
14) Allyl chloride	4.27	41	356238	53.128	ug/l	88
15) Acrylonitrile	4.93	53	528149	290.147	ug/l	99
16) Acetone	3.78	43	459726	296.404	ug/l	92
17) Carbon Disulfide	4.01	76	573864	50.530	ug/l	99
18) Methyl Acetate	4.28	43	251924	53.626	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	662428	50.695	ug/l	99
20) Methylene Chloride	4.50	84	235213	49.710	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	215581	49.475	ug/l	99
22) Diisopropyl ether	5.91	45	768670	54.283	ug/l	93
23) Vinyl Acetate	5.85	43	3082651	269.745	ug/l	100
24) 1,1-Dichloroethane	5.80	63	423284	51.020	ug/l	99
25) 2-Butanone	6.79	43	698204	285.802	ug/l	99
26) 2,2-Dichloropropane	6.78	77	323752	41.067	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	246917	51.398	ug/l	95
28) Bromochloromethane	7.15	49	205179	49.050	ug/l	100
29) Tetrahydrofuran	7.17	42	470209	284.867	ug/l	98
30) Chloroform	7.33	83	435353	48.288	ug/l	98
31) Cyclohexane	7.61	56	348443	50.440	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	378881	45.977	ug/l	98
36) 1,1-Dichloropropene	7.75	75	317280	49.851	ug/l	98
37) Ethyl Acetate	6.88	43	307963	57.786	ug/l	99
38) Carbon Tetrachloride	7.73	117	332152	49.105	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064750.D
 Acq On : 19 Nov 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 03:56:39 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)
39) Methylcyclohexane	9.05	83	300845	53.347	ug/l	96
40) Benzene	8.00	78	949092	53.519	ug/l	100
41) Methacrylonitrile	7.13	41	152466	62.418	ug/l	93
42) 1,2-Dichloroethane	8.08	62	351474	46.064	ug/l	97
43) Isopropyl Acetate	8.13	43	506088	48.993	ug/l #	88
44) Trichloroethene	8.80	130	250731	49.266	ug/l	100
45) 1,2-Dichloropropane	9.08	63	255003	53.946	ug/l	98
46) Dibromomethane	9.17	93	165782	49.476	ug/l	94
47) Bromodichloromethane	9.37	83	346169	49.142	ug/l	97
48) Methyl methacrylate	9.17	41	257510	52.834	ug/l	93
49) 1,4-Dioxane	9.17	88	67361	1107.754	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1554763	249.351	ug/l	98
52) Toluene	10.13	92	583189	53.395	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	365738	48.513	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	394494	50.819	ug/l	90
55) 1,1,2-Trichloroethane	10.53	97	228546	52.170	ug/l	99
56) Ethyl methacrylate	10.40	69	328119	45.863	ug/l	93
57) 1,3-Dichloropropane	10.68	76	396499	52.250	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	947500	241.454	ug/l	99
59) 2-Hexanone	10.72	43	1116422	243.930	ug/l	97
60) Dibromochloromethane	10.87	129	257475	50.871	ug/l	99
61) 1,2-Dibromoethane	10.98	107	232417	49.740	ug/l	97
64) Tetrachloroethene	10.60	164	263539	52.266	ug/l	94
65) Chlorobenzene	11.41	112	603040	49.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	229860	50.846	ug/l	98
67) Ethyl Benzene	11.48	91	1100137	51.572	ug/l	100
68) m/p-Xylenes	11.59	106	826056	95.551	ug/l	96
69) o-Xylene	11.92	106	385166	51.754	ug/l	97
70) Styrene	11.94	104	666089	46.099	ug/l	98
71) Bromoform	12.10	173	159786	45.691	ug/l #	99
73) Isopropylbenzene	12.22	105	986088	56.572	ug/l	99
74) N-amyl acetate	12.04	43	450047	55.286	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	273001	56.019	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	426717	80.668	ug/l #	100
77) Bromobenzene	12.50	156	242397	55.136	ug/l	97
78) n-propylbenzene	12.56	91	1161519	57.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	688179	52.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	807016	55.734	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	104118	50.701	ug/l	89
82) 4-Chlorotoluene	12.75	91	714888	51.603	ug/l	100
83) tert-Butylbenzene	12.97	119	600665	53.623	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	781768	52.901	ug/l	100
85) sec-Butylbenzene	13.14	105	781053	52.312	ug/l	100
86) p-Isopropyltoluene	13.26	119	718083	52.294	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	381713	47.653	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	391674	47.628	ug/l	98
89) n-Butylbenzene	13.59	91	622983	48.598	ug/l	99
90) Hexachloroethane	13.85	117	111718	49.214	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	349128	44.594	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61436	48.040	ug/l	96

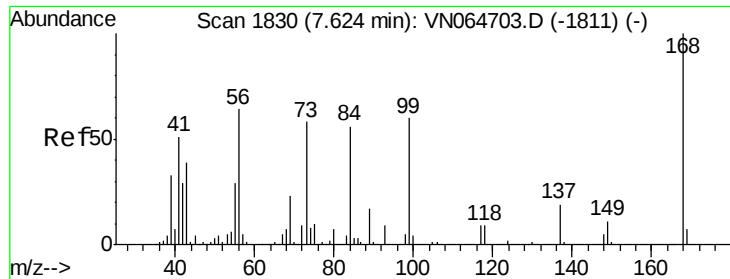
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
Data File : VN064750.D
Acq On : 19 Nov 2020 22:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 20 03:56:39 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)
93) 1,2,4-Trichlorobenzene	14.88	180	174045	41.100	ug/l	98
94) Hexachlorobutadiene	14.98	225	77763	44.513	ug/l	97
95) Naphthalene	15.10	128	669067	48.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	202323	49.540	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: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

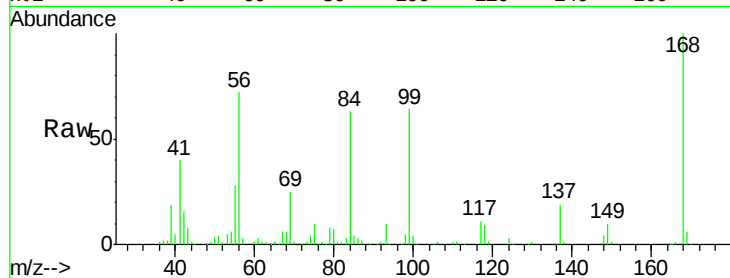
VSTDCCC050EC

Tot Ion:168 Resp: 363230

Ion Ratio Lower Upper

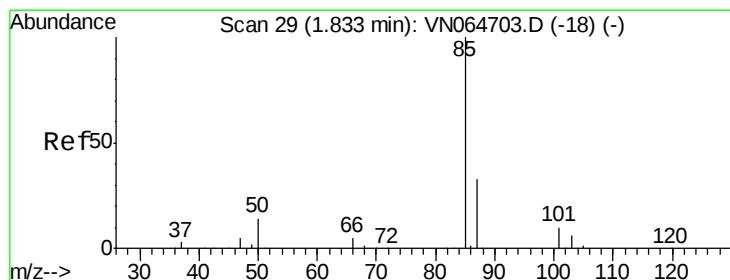
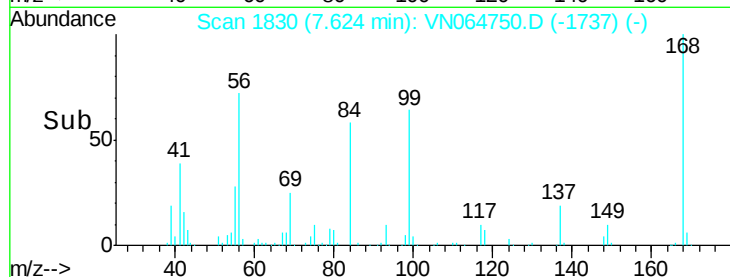
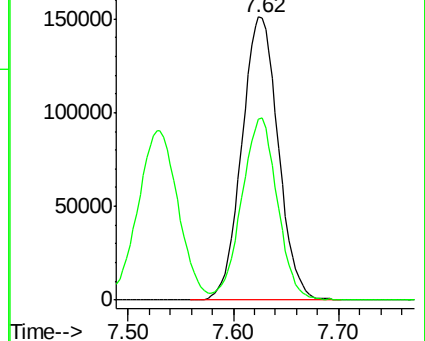
168 100

99 63.7 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 42.993 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064750.D

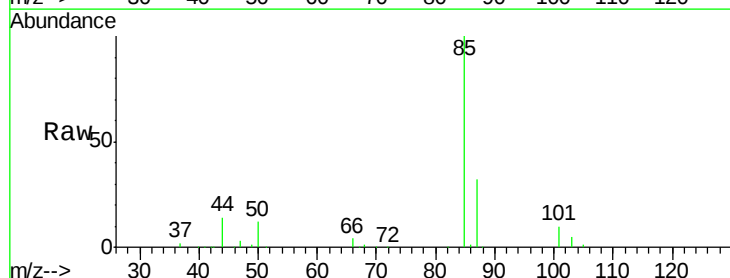
Acq: 19 Nov 2020 22:02

Tgt Ion: 85 Resp: 195129

Ion Ratio Lower Upper

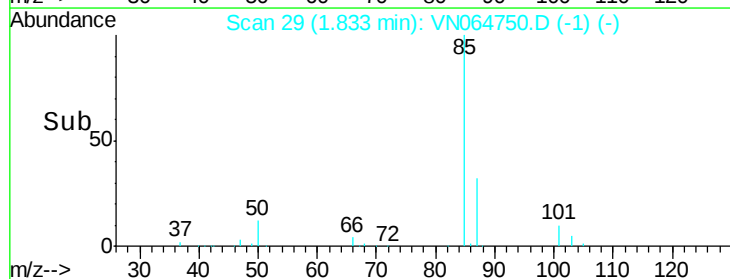
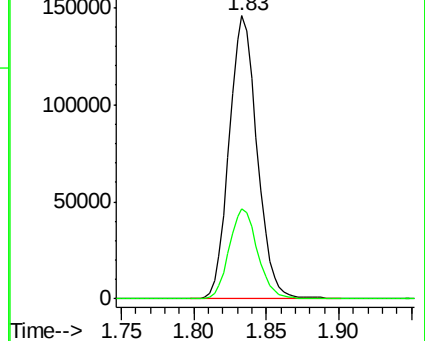
85 100

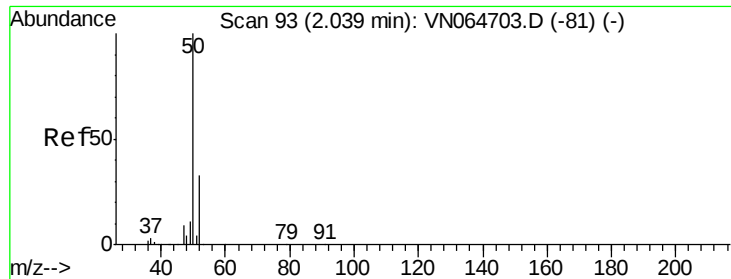
87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 50.831 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

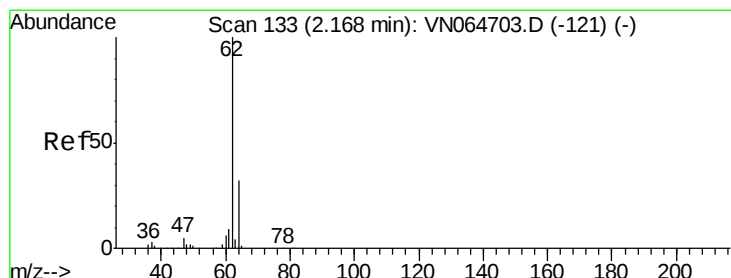
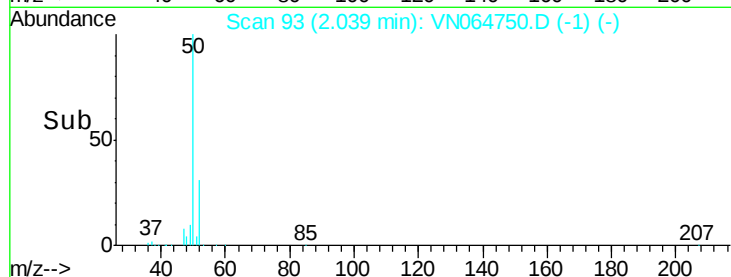
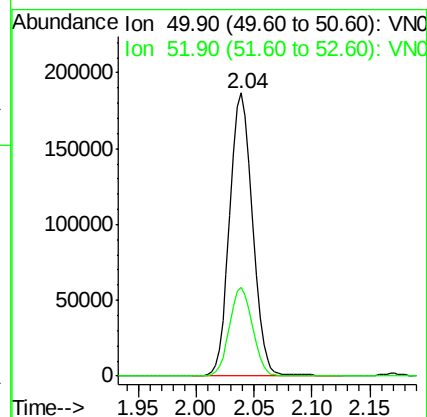
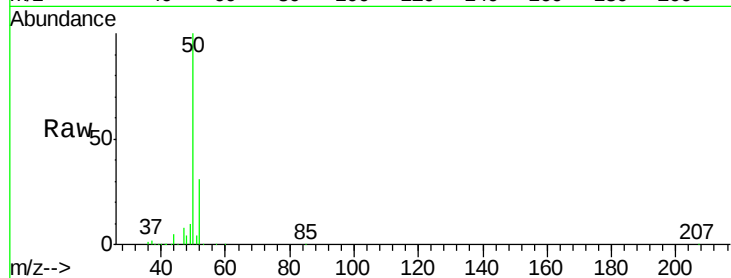
VSTDCCC050EC

Tot Ion: 50 Resp: 255106

Ion Ratio Lower Upper

50 100

52 31.3 26.4 39.6



#4

Vinyl Chloride

Concen: 50.574 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064750.D

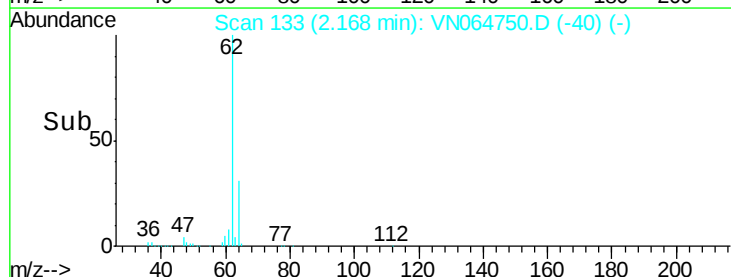
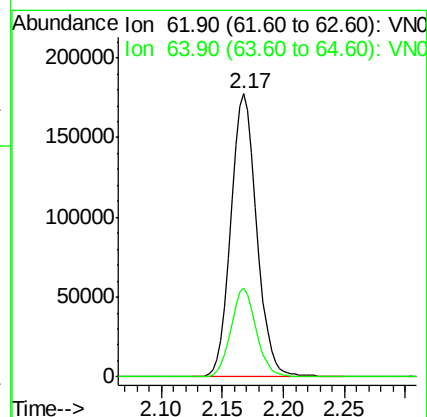
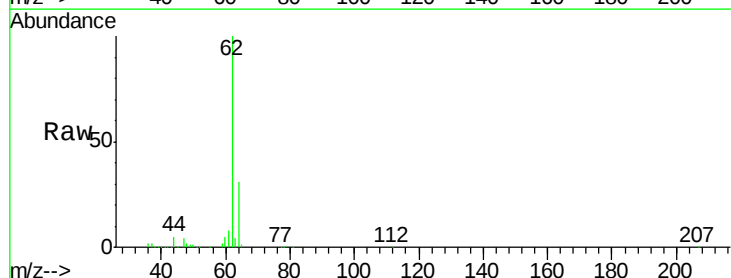
Acq: 19 Nov 2020 22:02

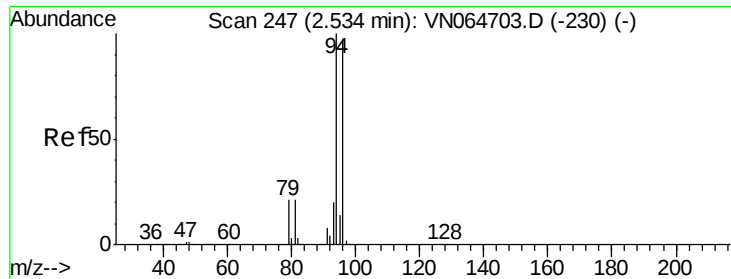
Tgt Ion: 62 Resp: 264839

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 41.309 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

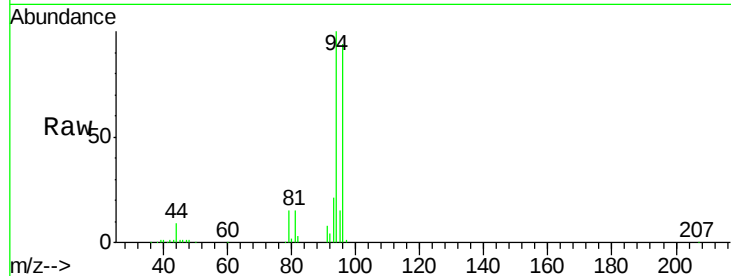
VSTDCCC050EC

Tot Ion: 94 Resp: 158628

Ion Ratio Lower Upper

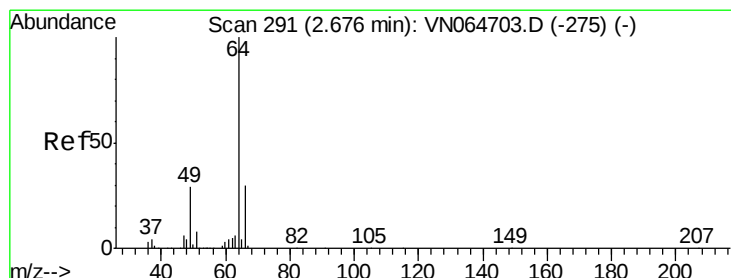
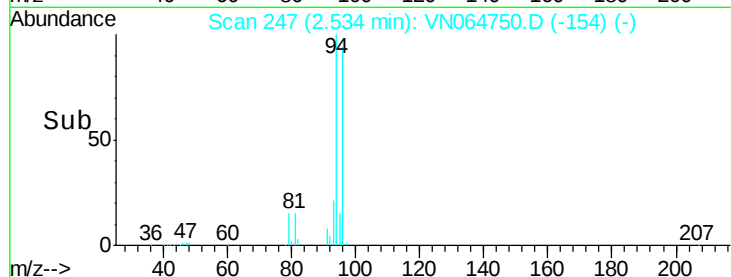
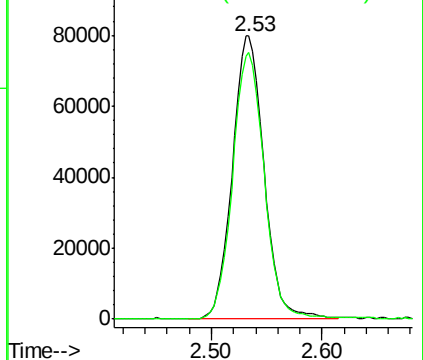
94 100

96 94.3 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: 46.060 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064750.D

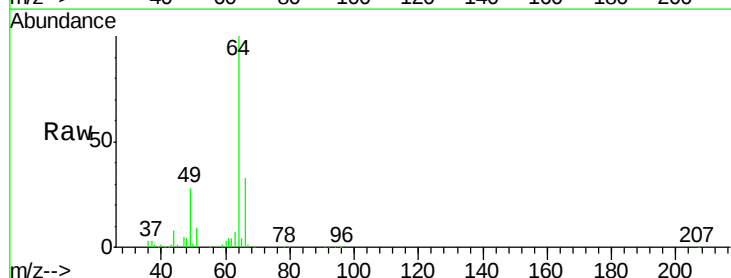
Acq: 19 Nov 2020 22:02

Tgt Ion: 64 Resp: 162740

Ion Ratio Lower Upper

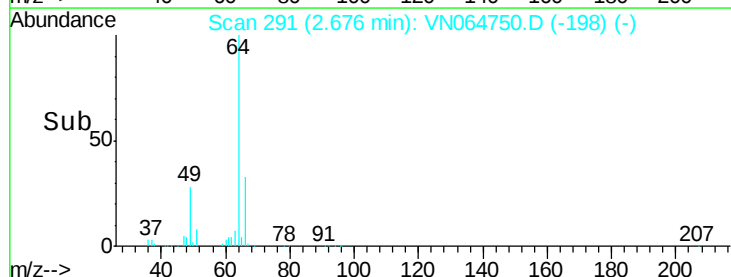
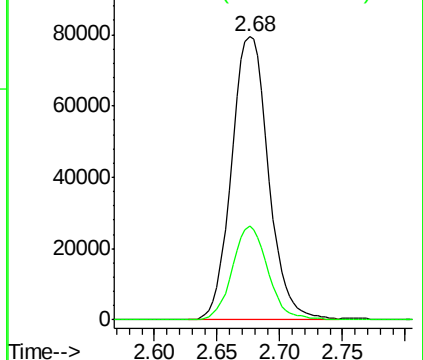
64 100

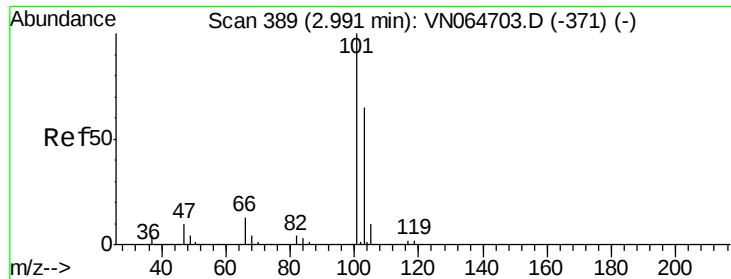
66 33.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



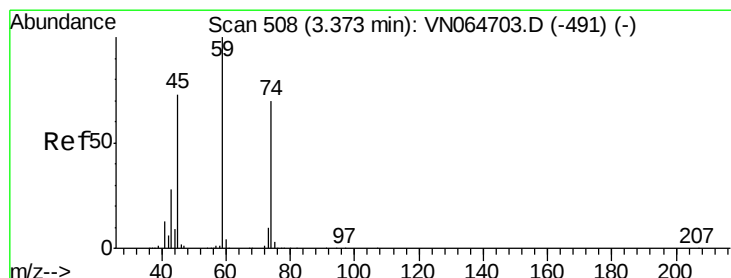
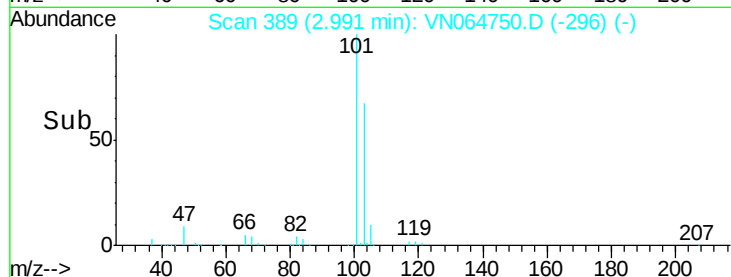
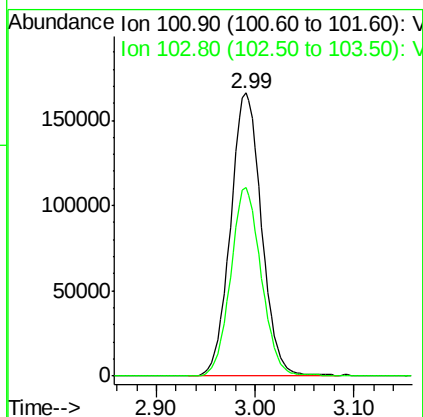
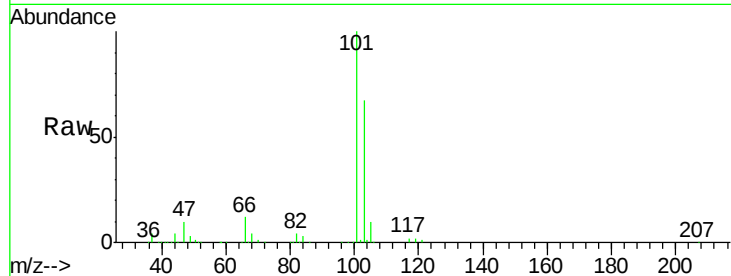


#7

Trichlorofluoromethane
Concen: 38.784 ug/l
RT: 2.99 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

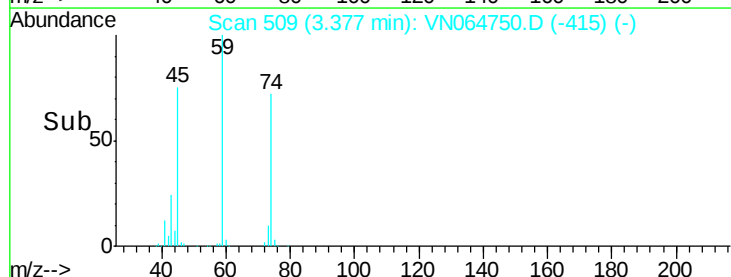
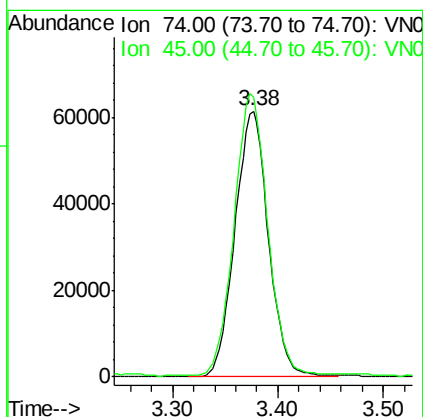
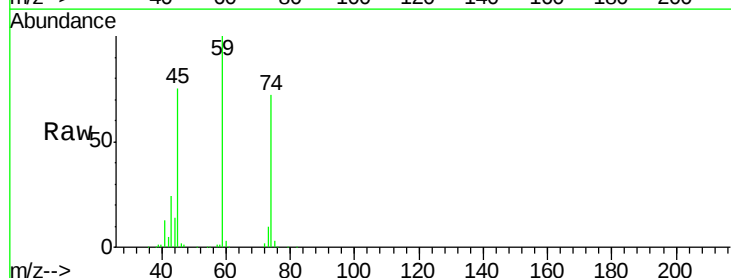
Tot Ion:101 Resp: 363756
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.6

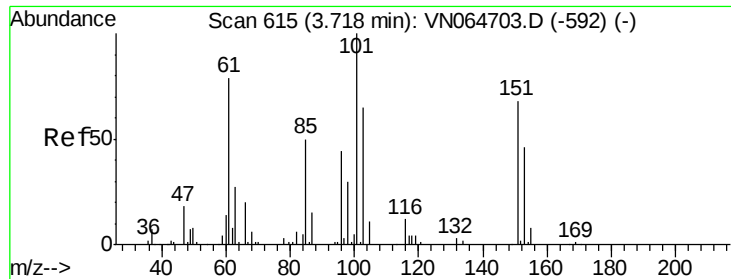


#8

Diethyl Ether
Concen: 44.775 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 74 Resp: 135501
Ion Ratio Lower Upper
74 100
45 106.5 52.8 158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.128 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

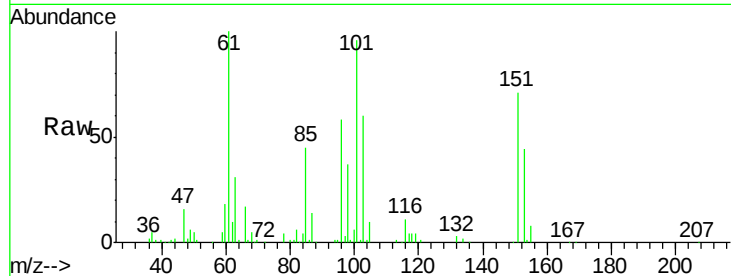
Tot Ion:101 Resp: 203177

Ion Ratio Lower Upper

101 100

85 45.9 39.0 58.4

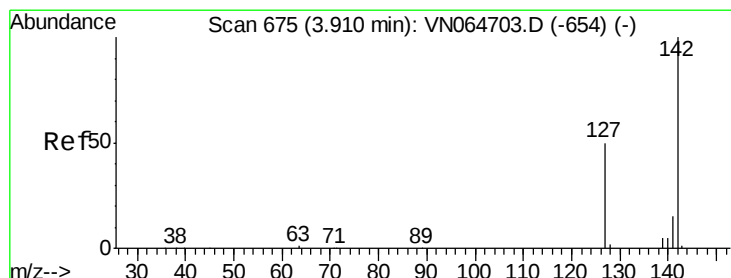
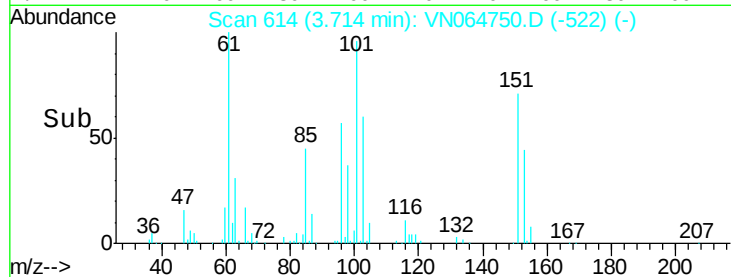
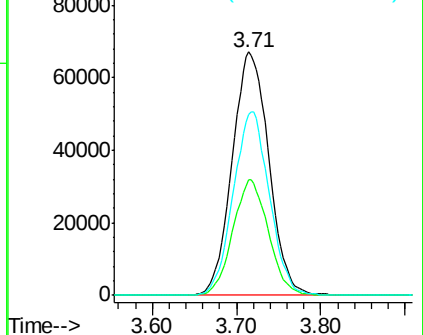
151 74.3 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.619 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

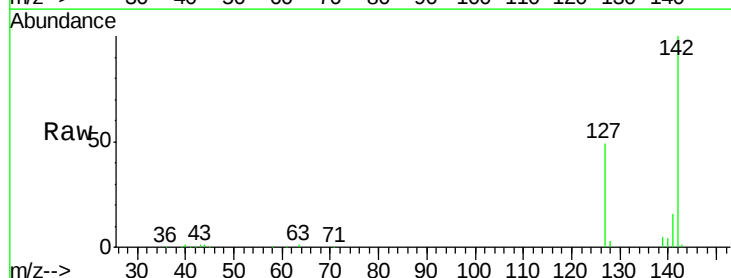
Tgt Ion:142 Resp: 225871

Ion Ratio Lower Upper

142 100

127 48.6 42.0 63.0

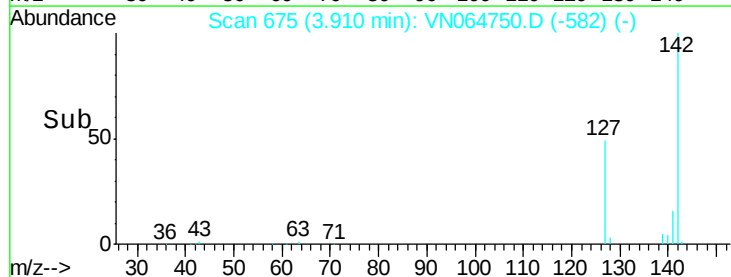
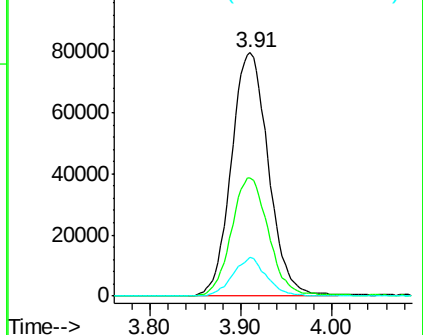
141 14.4 12.1 18.1

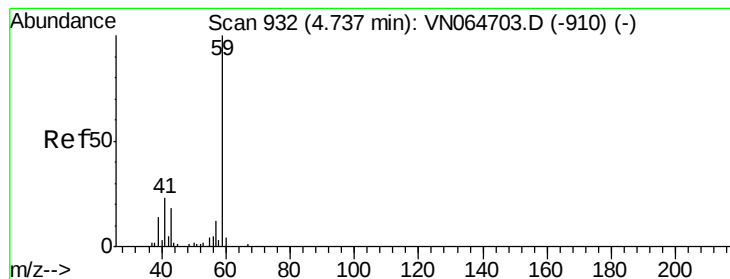


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



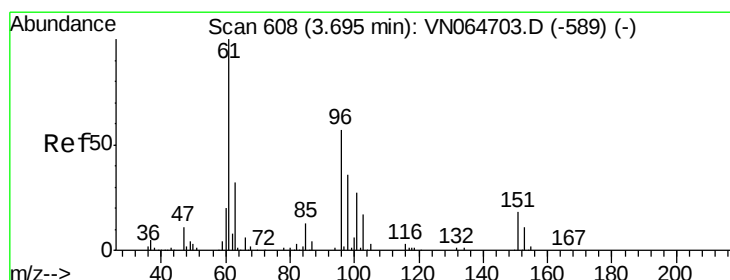
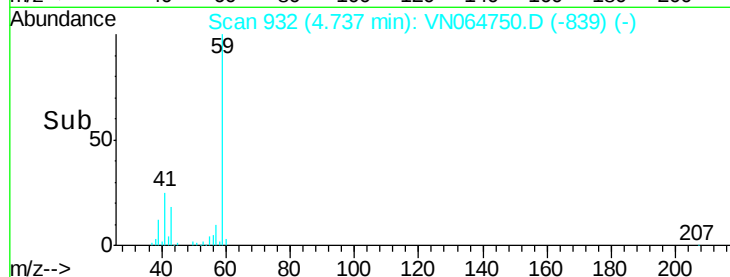
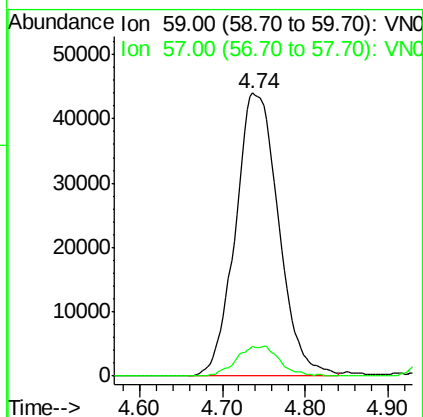
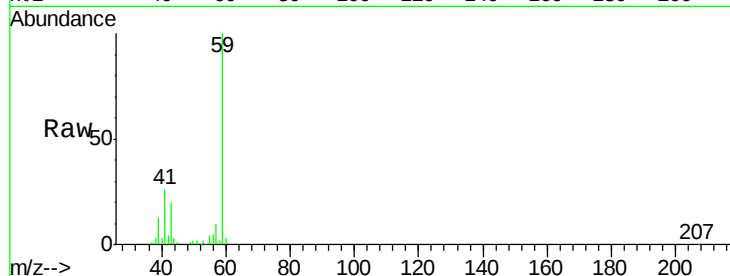


#11

Tert butyl alcohol
Concen: 257.108 ug/l
RT: 4.74 min Scan# 932
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

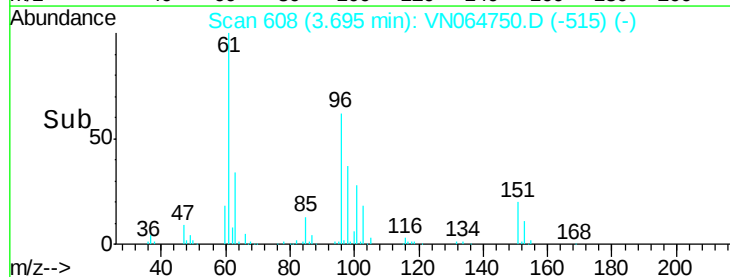
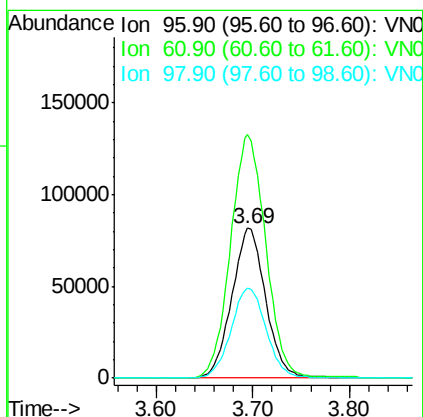
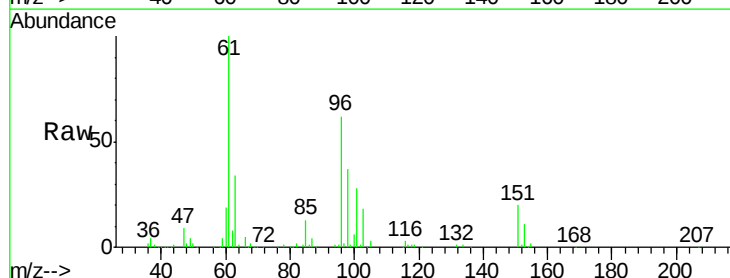
Tot Ion: 59 Resp: 159385
Ion Ratio Lower Upper
59 100
57 5.5 9.1 13.7#

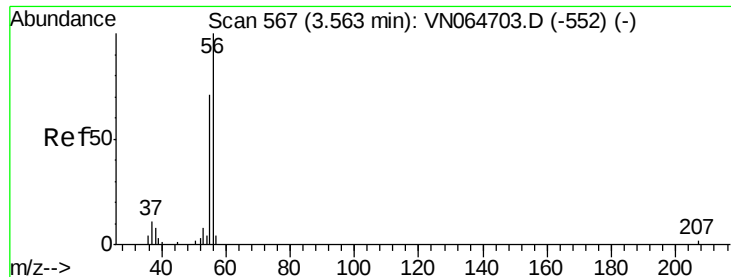


#12

1,1-Dichloroethene
Concen: 50.803 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 96 Resp: 198392
Ion Ratio Lower Upper
96 100
61 162.2 139.1 208.7
98 59.7 50.2 75.2





#13

Acrolein

Concen: 397.571 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

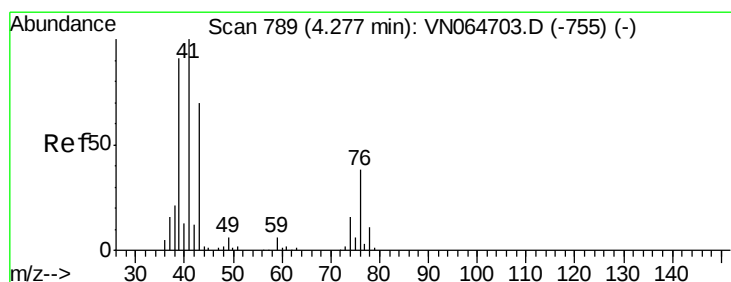
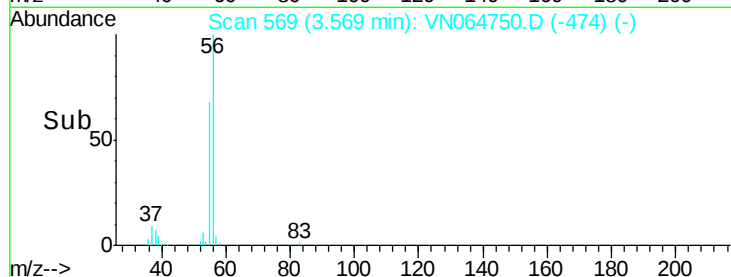
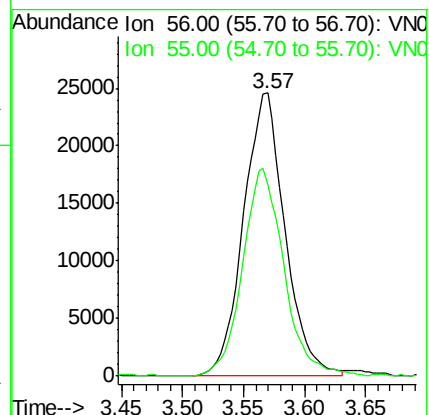
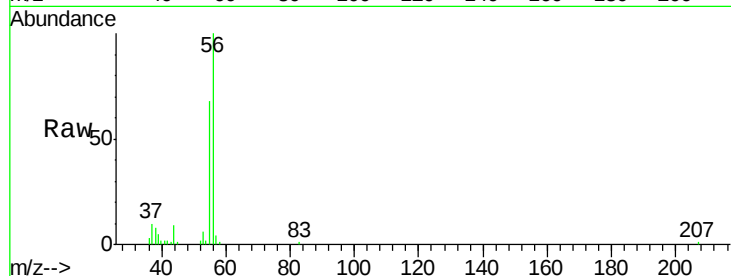
VSTDCCC050EC

Tot Ion: 56 Resp: 57702

Ion Ratio Lower Upper

56 100

55 73.3 61.8 92.6



#14

Allyl chloride

Concen: 53.128 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

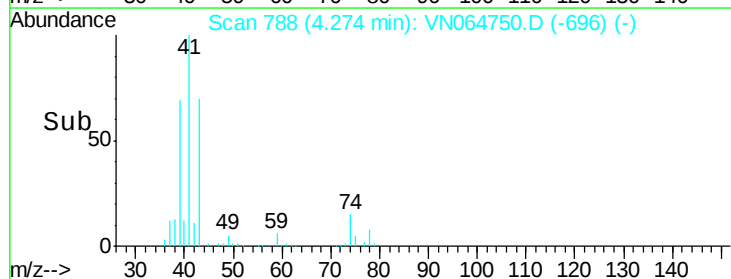
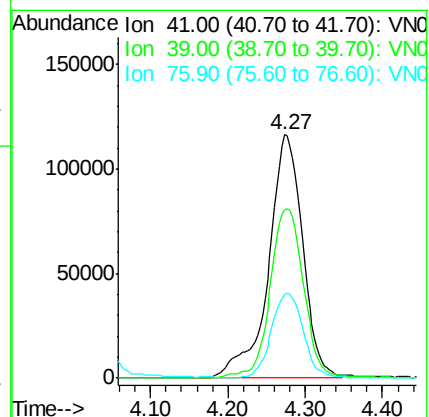
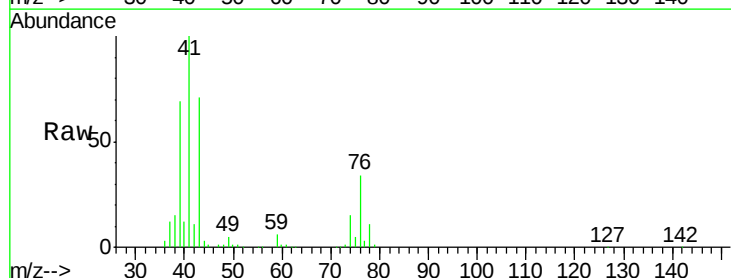
Tgt Ion: 41 Resp: 356238

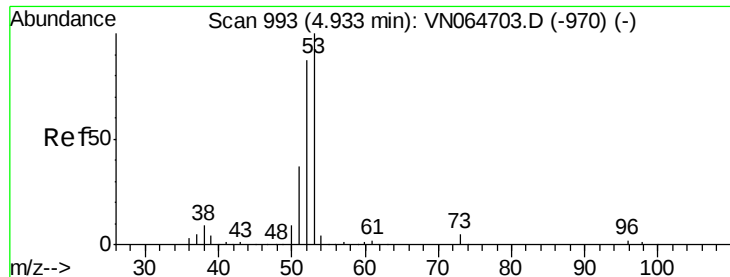
Ion Ratio Lower Upper

41 100

39 68.3 66.1 99.1

76 32.1 26.6 40.0





#15

Acrylonitrile

Concen: 290.147 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

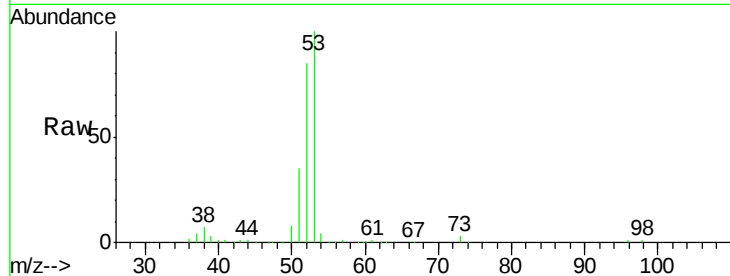
Tot Ion: 53 Resp: 528149

Ion Ratio Lower Upper

53 100

52 83.1 67.2 100.8

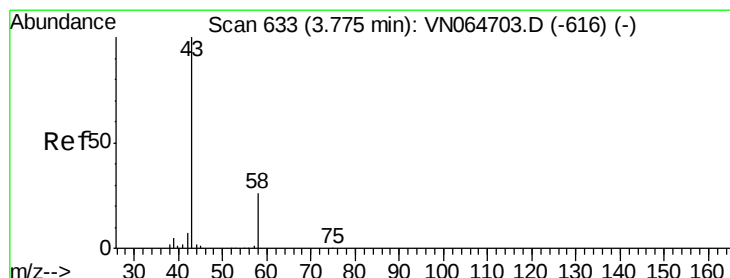
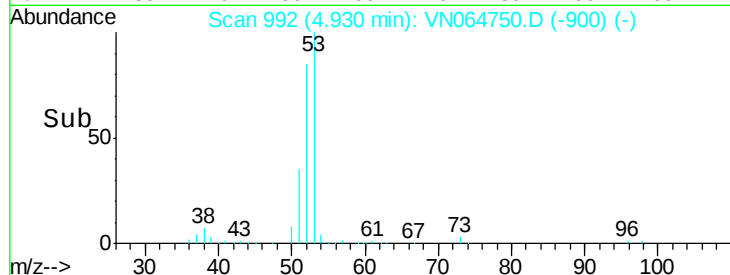
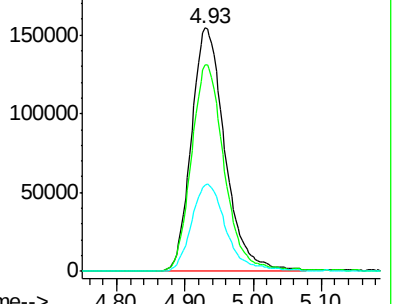
51 37.3 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VN064750.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064750.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064750.D (-900) (-)



#16

Acetone

Concen: 296.404 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064750.D

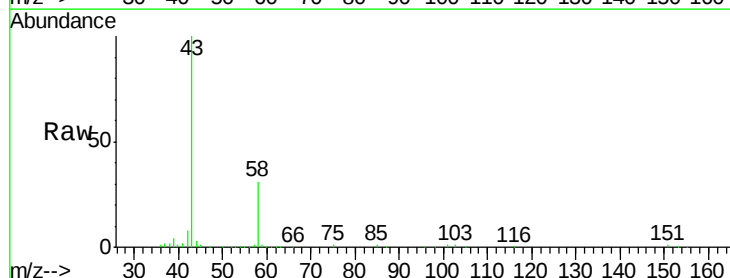
Acq: 19 Nov 2020 22:02

Tgt Ion: 43 Resp: 459726

Ion Ratio Lower Upper

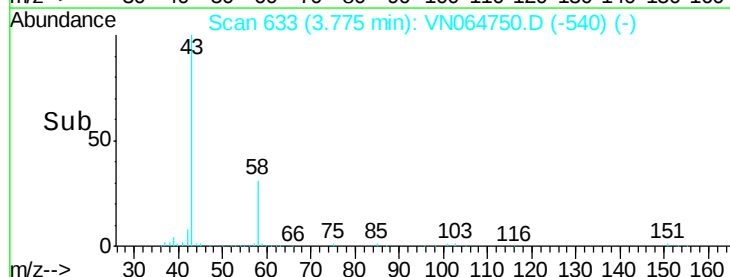
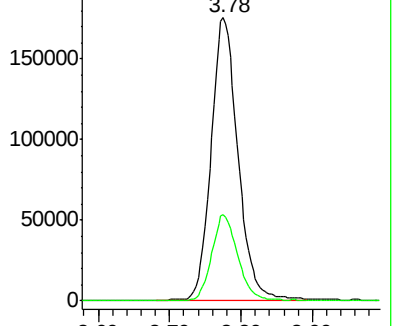
43 100

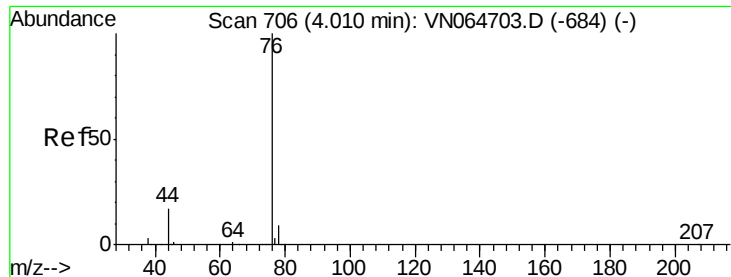
58 30.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064750.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064750.D (-540) (-)

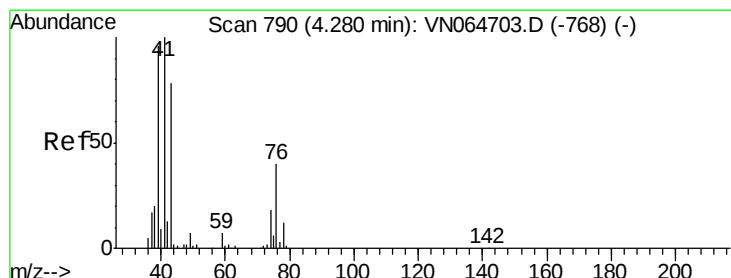
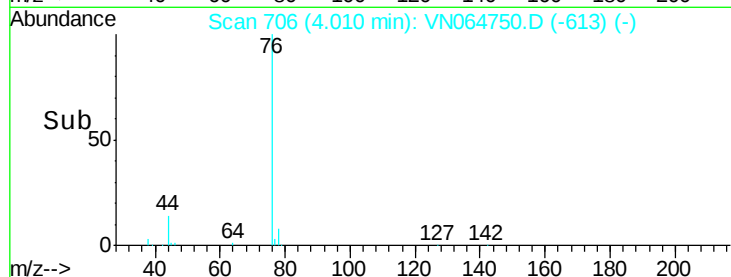
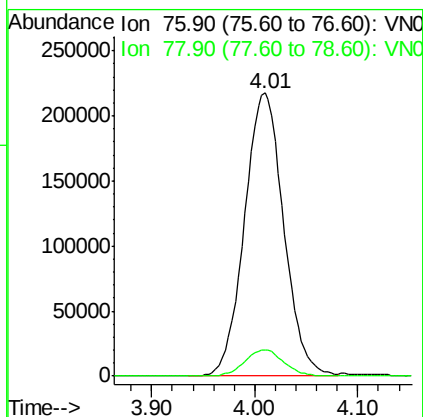
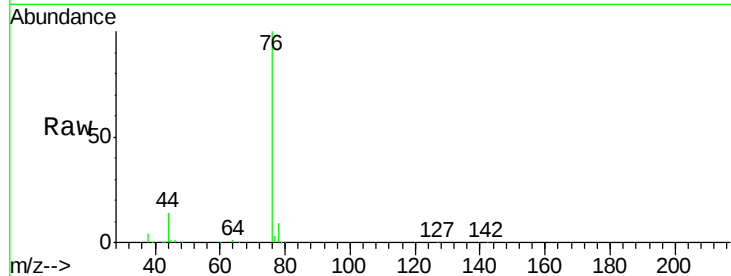




#17
Carbon Disulfide
Concen: 50.530 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

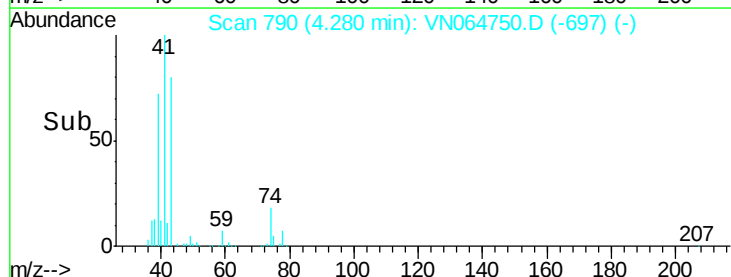
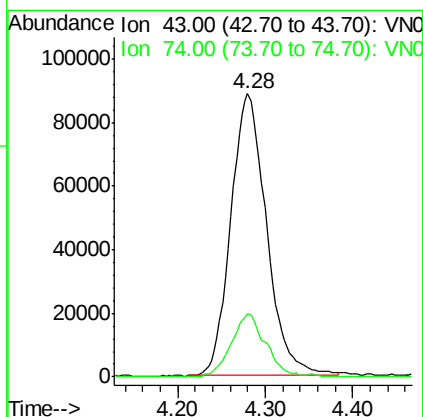
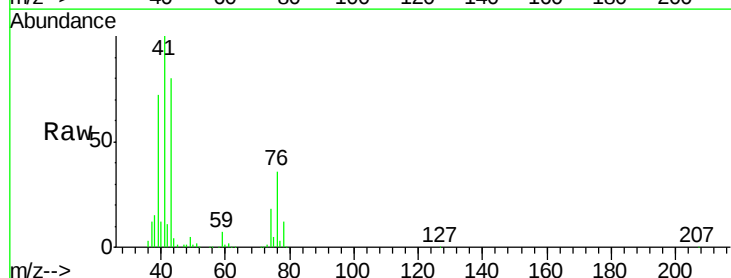
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

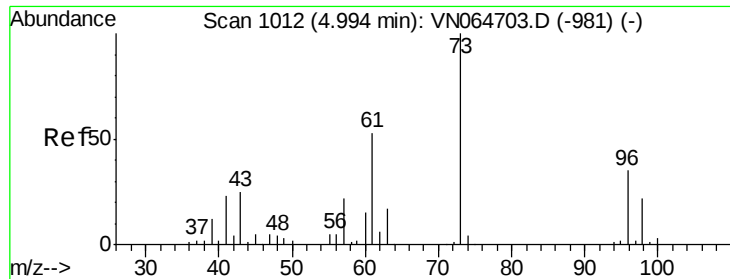
Tot Ion: 76 Resp: 573864
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 53.626 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 43 Resp: 251924
Ion Ratio Lower Upper
43 100
74 21.3 17.6 26.4

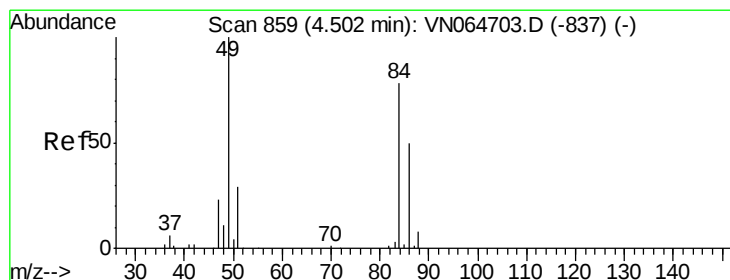
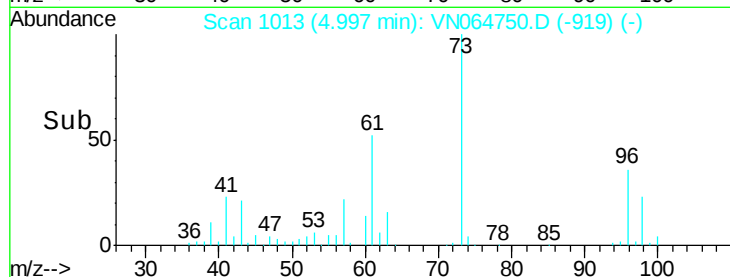
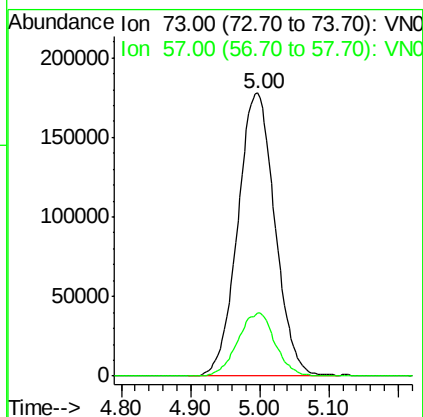
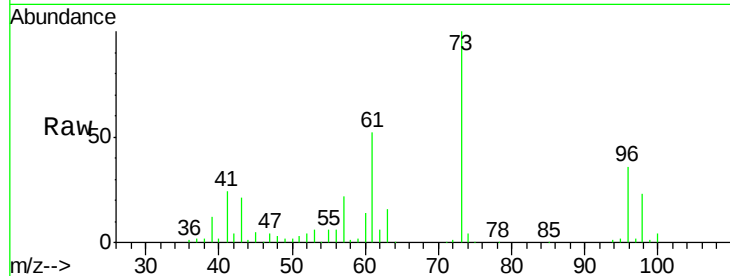




#19
Methyl tert-butyl Ether
Concen: 50.695 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

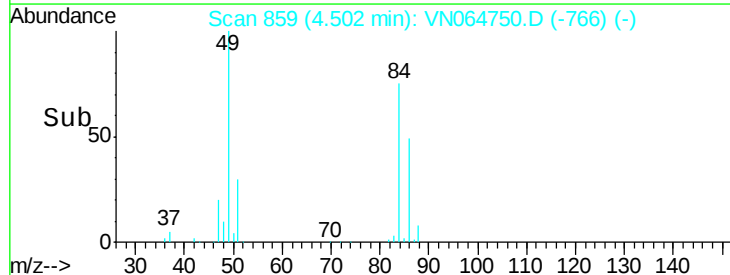
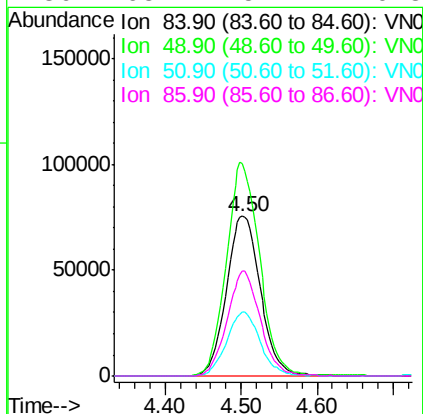
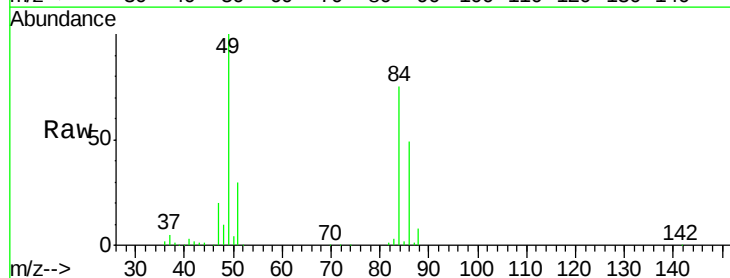
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

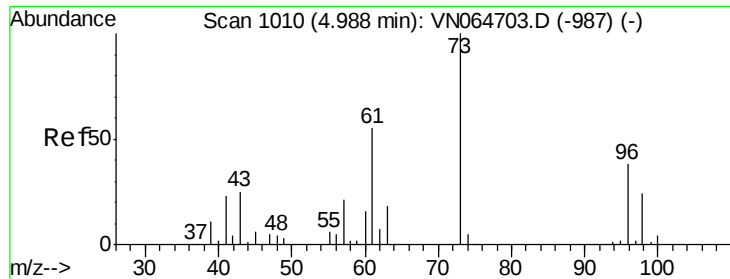
Tot Ion: 73 Resp: 662428
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 49.710 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 84 Resp: 235213
Ion Ratio Lower Upper
84 100
49 132.6 102.4 153.6
51 40.0 29.4 44.2
86 65.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.475 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

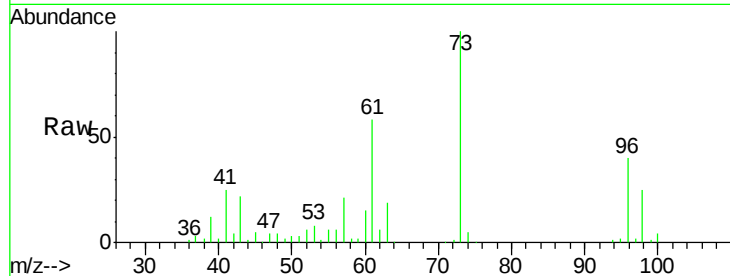
Tot Ion: 96 Resp: 21581

Ion Ratio Lower Upper

96 100

61 146.2 117.9 176.9

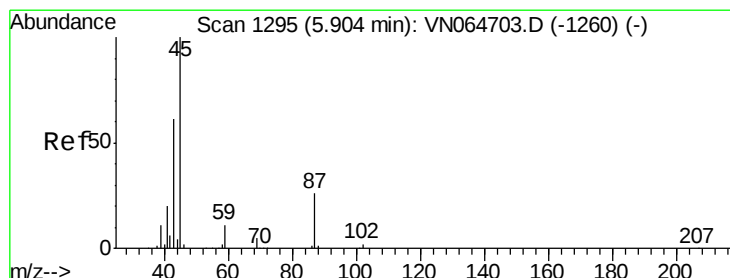
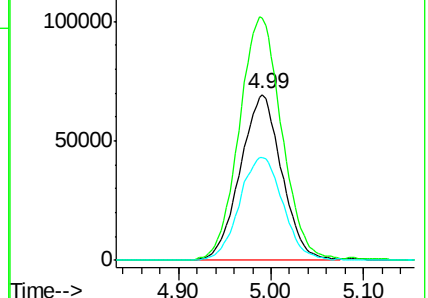
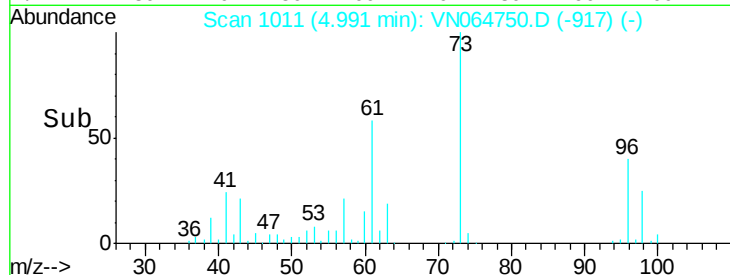
98 62.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN064750.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064750.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064750.D (-917) (-)



#22

Diisopropyl ether

Concen: 54.283 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Tgt Ion: 45 Resp: 768670

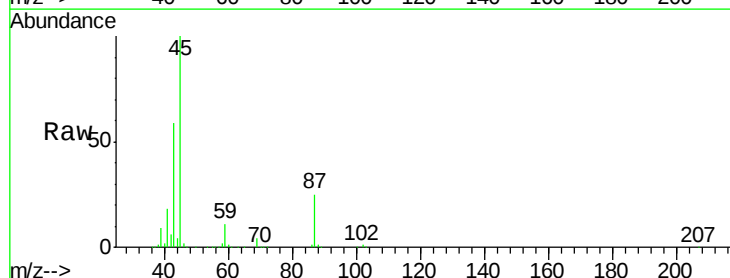
Ion Ratio Lower Upper

45 100

43 57.5 52.3 78.5

87 25.1 21.6 32.4

59 10.9 8.7 13.1

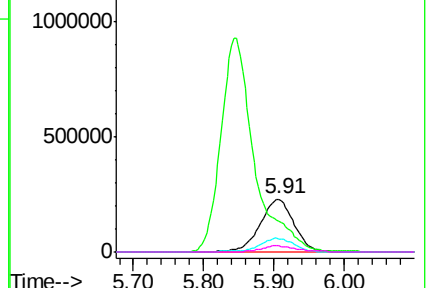
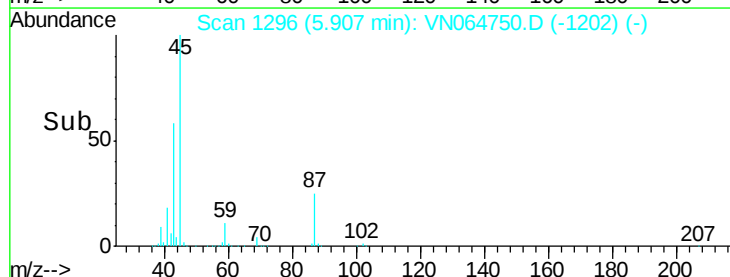


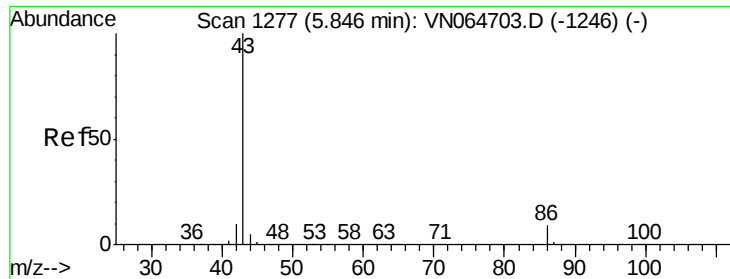
Abundance Ion 45.00 (44.70 to 45.70): VN064750.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064750.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064750.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064750.D (-1202) (-)





#23

Vinyl Acetate

Concen: 269.745 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

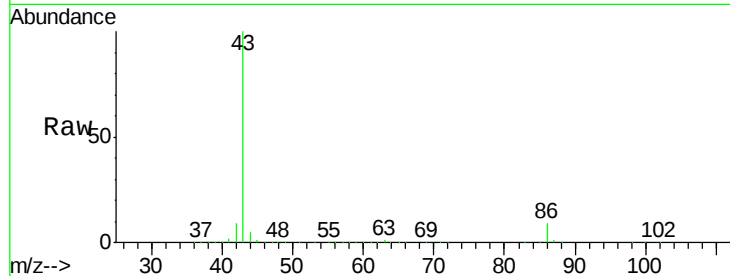
VSTDCCC050EC

Tot Ion: 43 Resp: 3082651

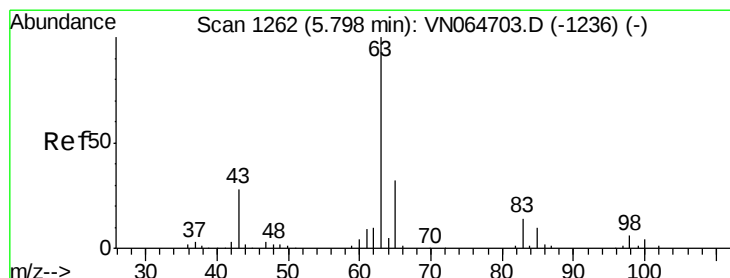
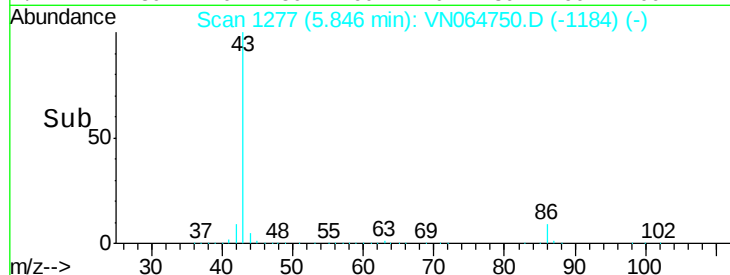
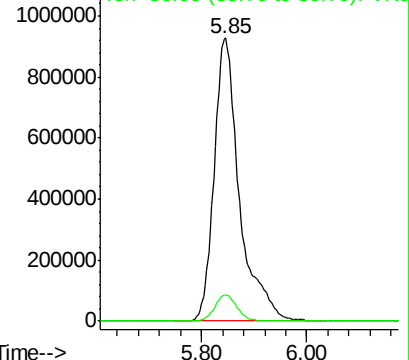
Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064750.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 51.020 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

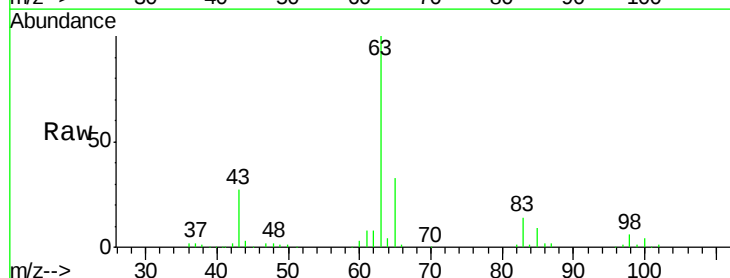
Tgt Ion: 63 Resp: 423284

Ion Ratio Lower Upper

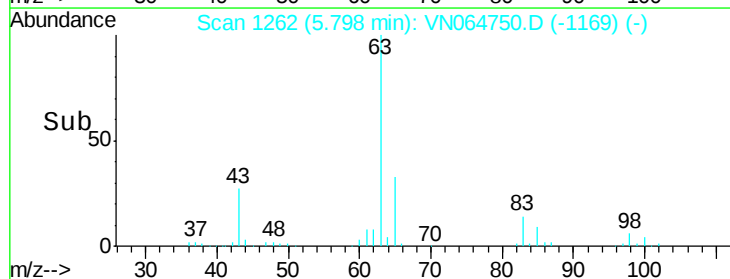
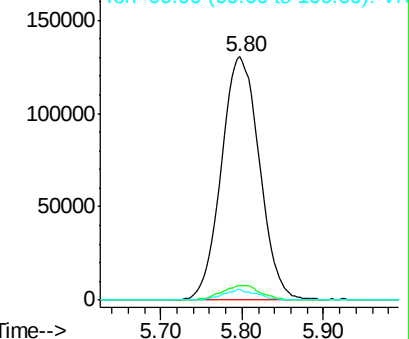
63 100

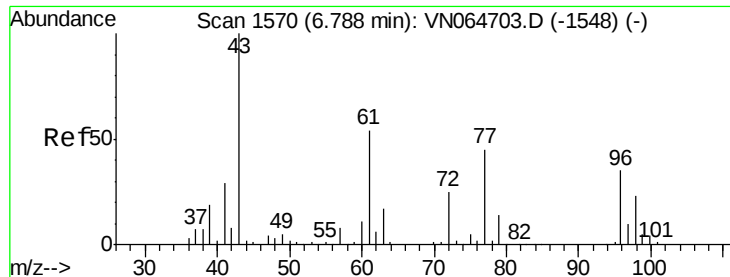
98 6.1 3.2 9.6

100 4.4 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064750.D (-1169) (-)





#25

2-Butanone

Concen: 285.802 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

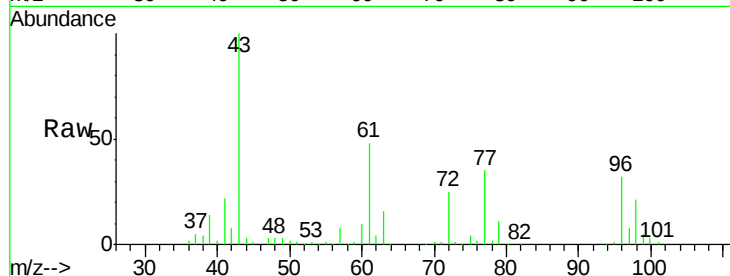
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 698204

Ion Ratio Lower Upper

43 100

72 25.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN064750.D (-1477) (-)

Ion 72.00 (71.70 to 72.70): VN064750.D (-1477) (-)

6.79

250000

200000

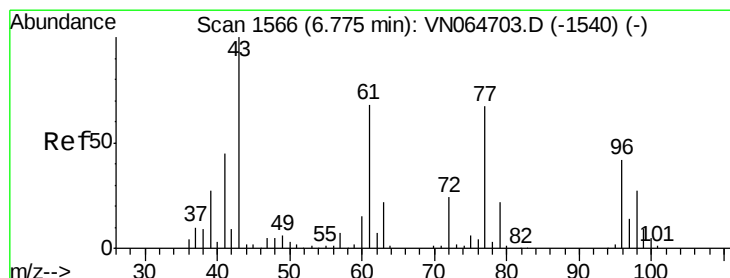
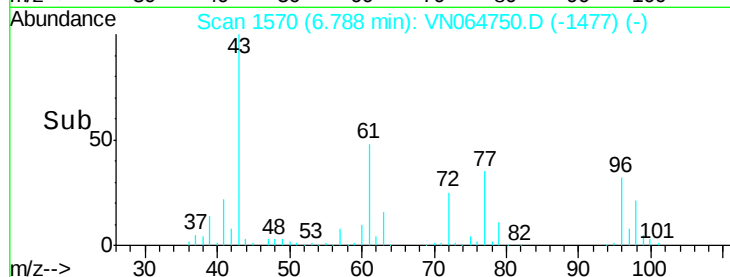
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 41.067 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064750.D

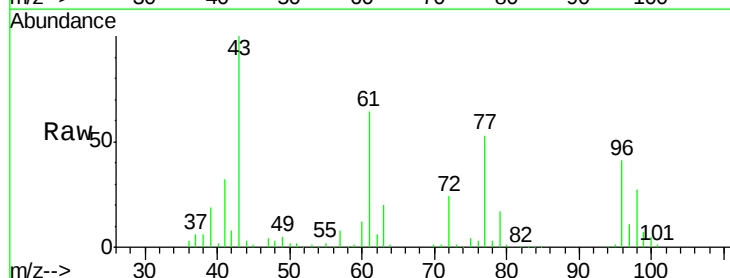
Acq: 19 Nov 2020 22:02

Tgt Ion: 77 Resp: 323752

Ion Ratio Lower Upper

77 100

97 22.7 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN064750.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN064750.D (-1473) (-)

6.78

120000

100000

80000

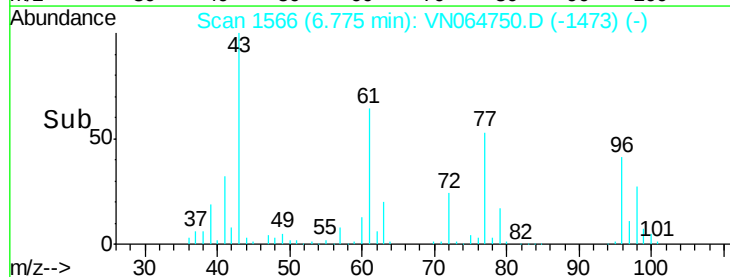
60000

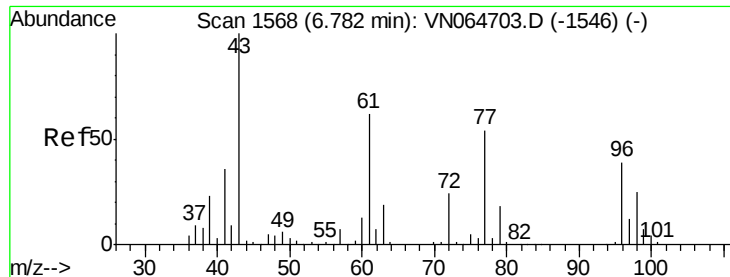
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.398 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

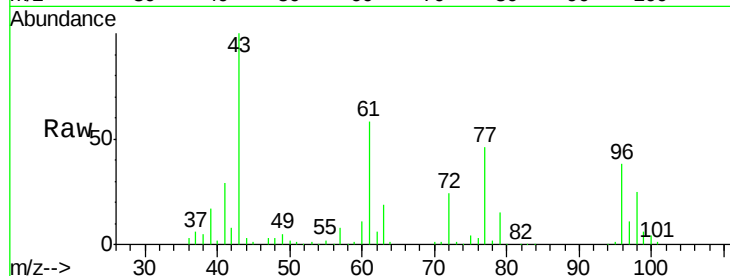
Tot Ion: 96 Resp: 246917

Ion Ratio Lower Upper

96 100

61 152.1 0.0 322.6

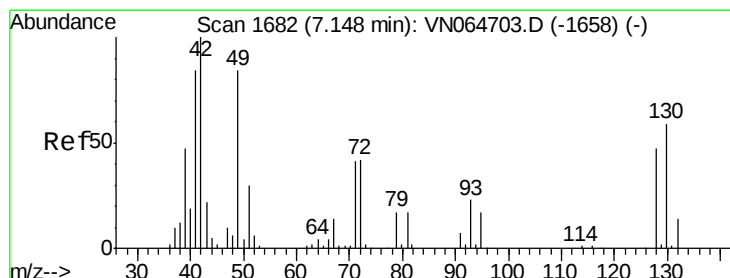
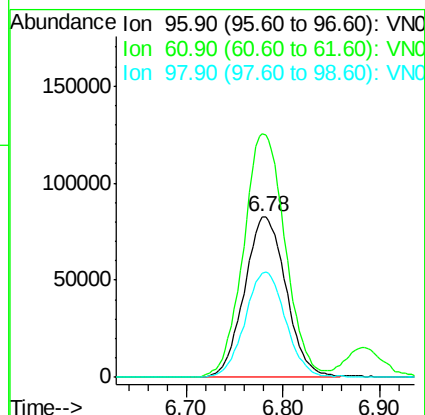
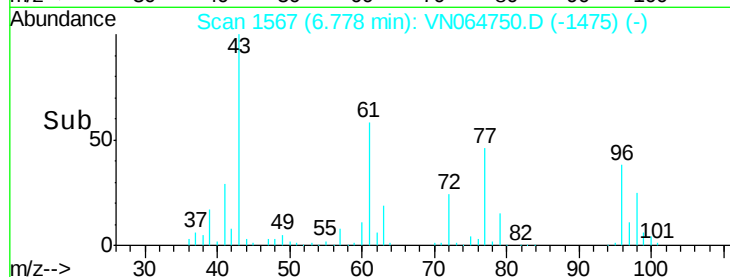
98 64.0 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064750.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064750.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064750.D (-1475) (-)



#28

Bromochloromethane

Concen: 49.050 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

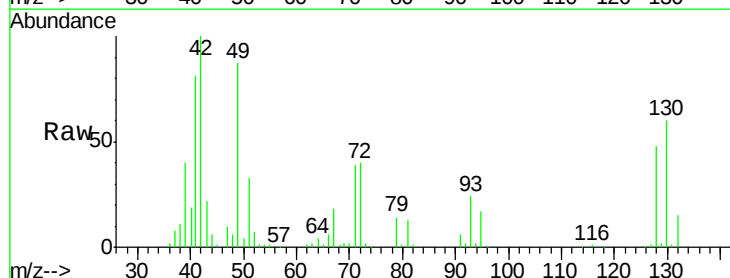
Tgt Ion: 49 Resp: 205179

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

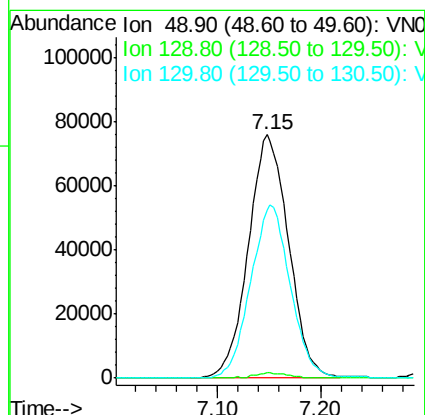
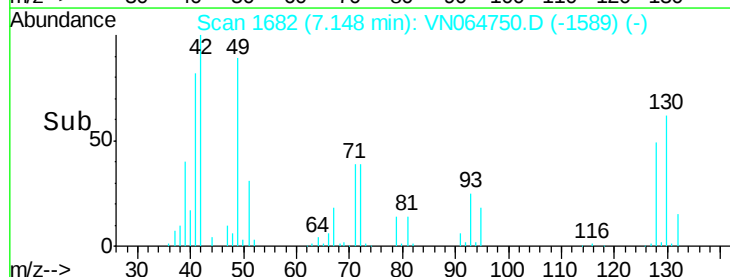
130 70.0 56.2 84.4

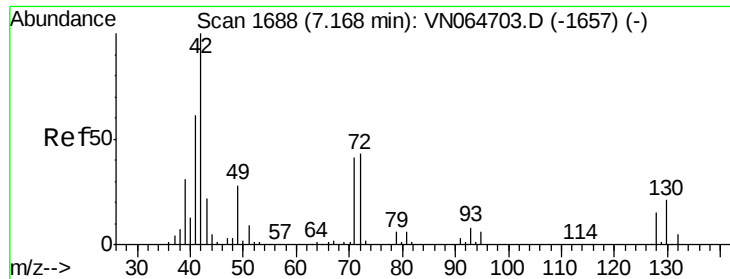


Abundance Ion 48.90 (48.60 to 49.60): VN064750.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064750.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064750.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 284.867 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

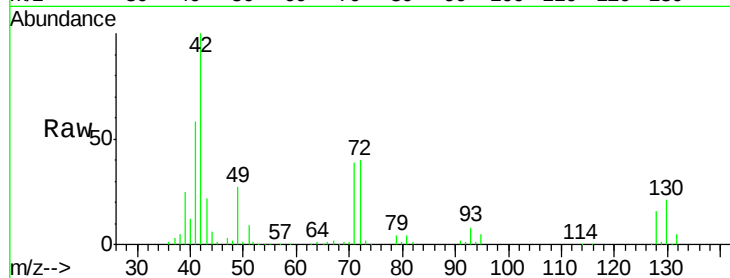
Tot Ion: 42 Resp: 470209

Ion Ratio Lower Upper

42 100

72 40.1 33.0 49.4

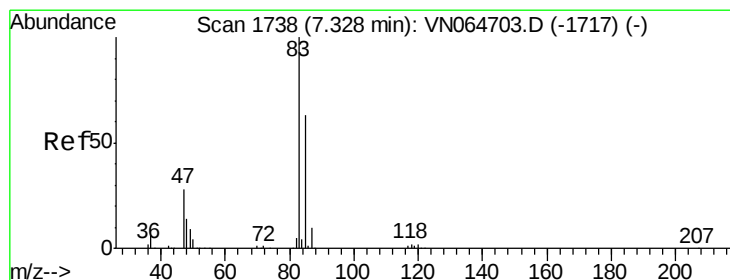
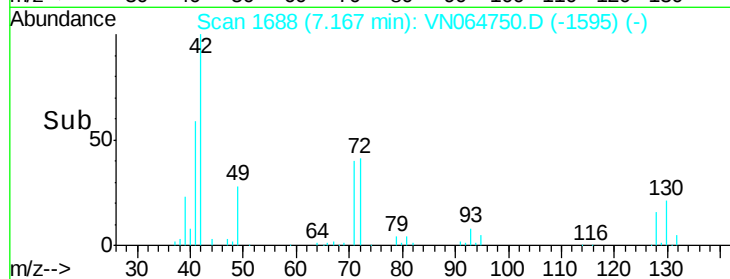
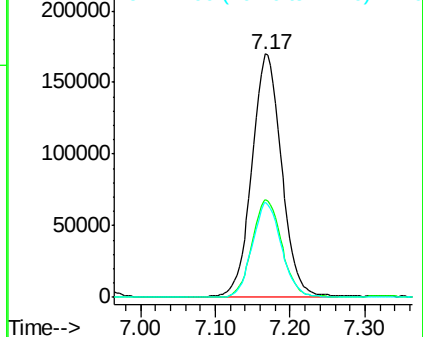
71 38.2 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 48.288 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064750.D

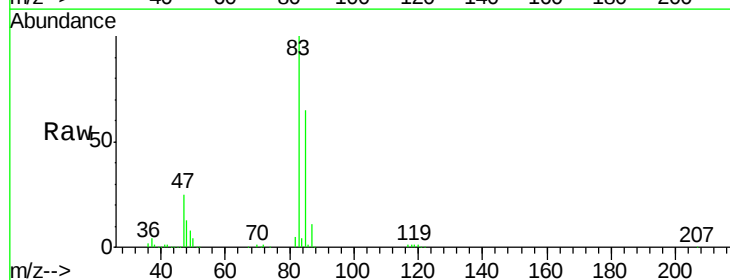
Acq: 19 Nov 2020 22:02

Tgt Ion: 83 Resp: 435353

Ion Ratio Lower Upper

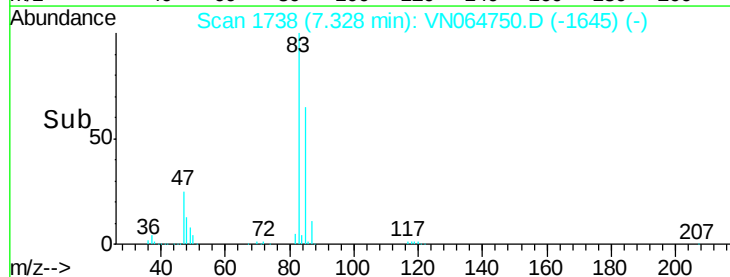
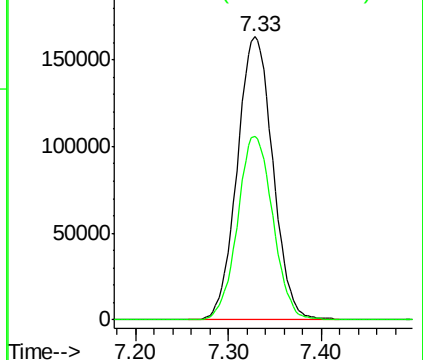
83 100

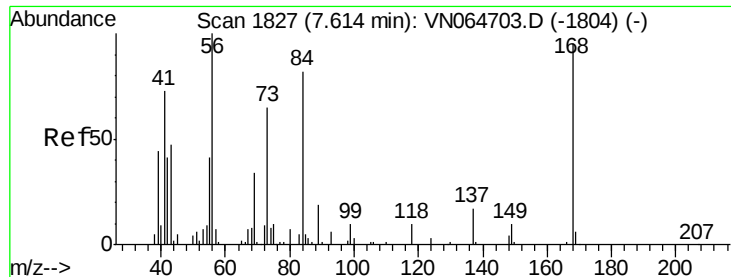
85 65.0 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.440 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

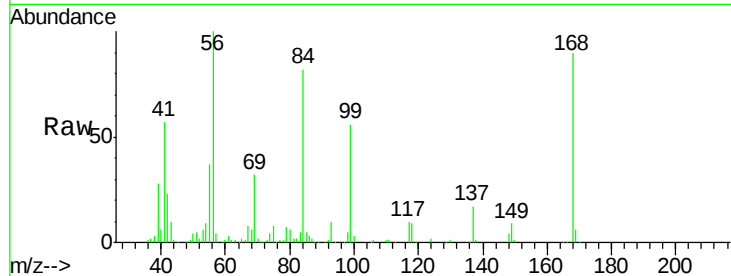
Tot Ion: 56 Resp: 348443

Ion Ratio Lower Upper

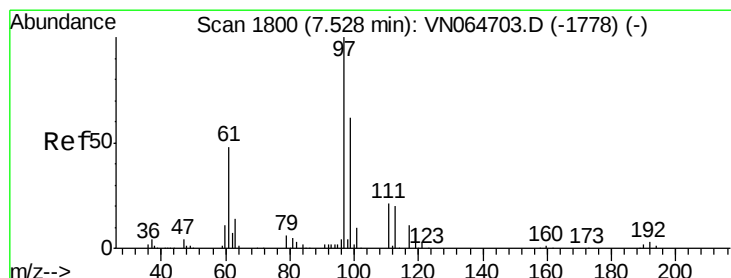
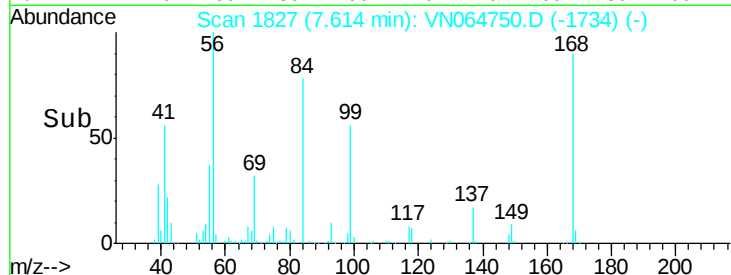
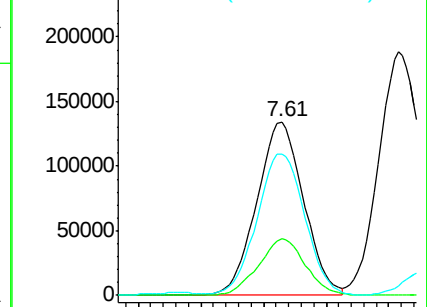
56 100

69 32.5 27.2 40.8

84 80.6 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 45.977 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

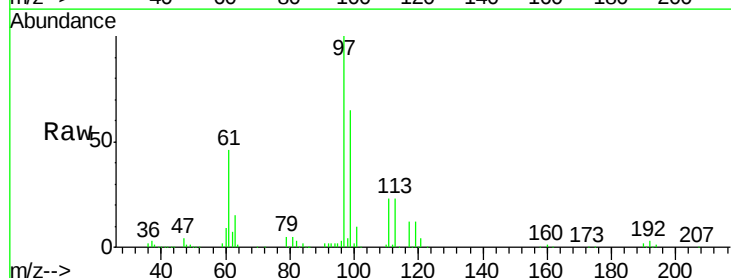
Tgt Ion: 97 Resp: 378881

Ion Ratio Lower Upper

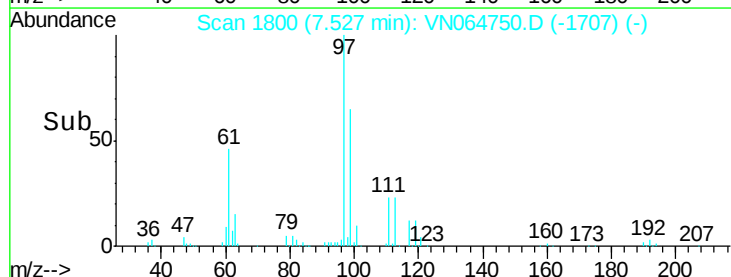
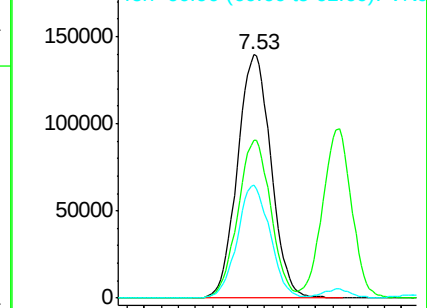
97 100

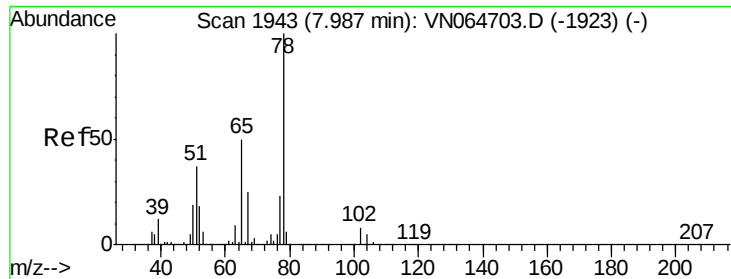
99 64.0 50.6 76.0

61 45.4 38.3 57.5



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

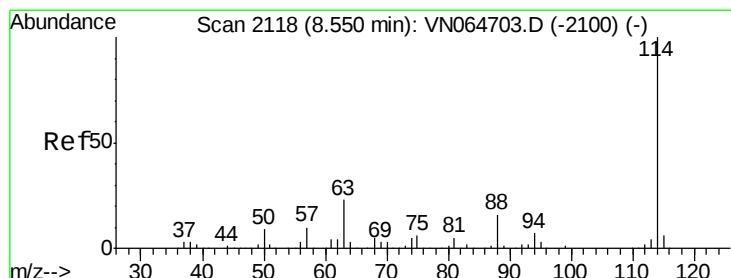
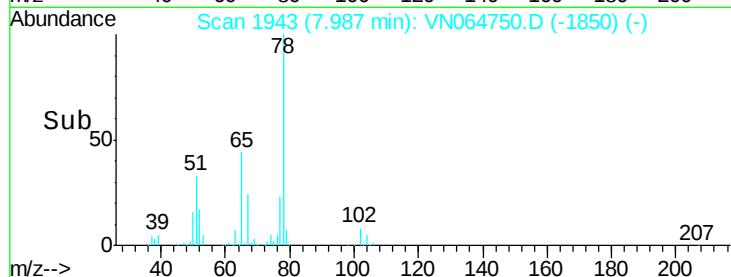
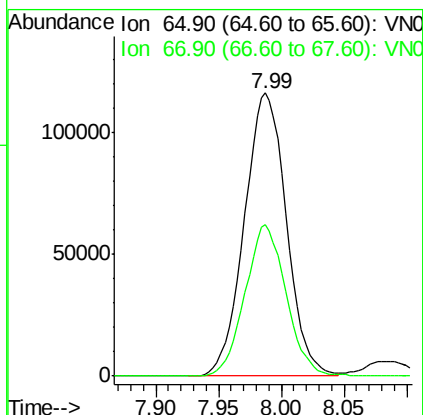
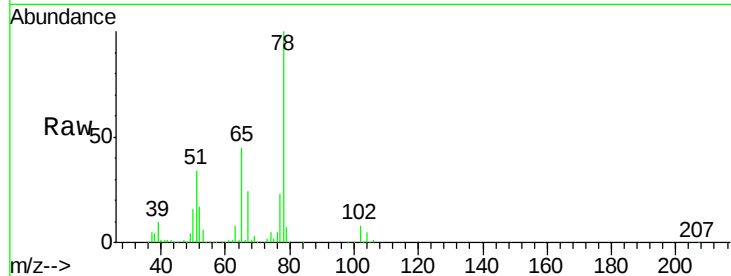




#33
 1,2-Dichloroethane-d4
 Concen: 42.450 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

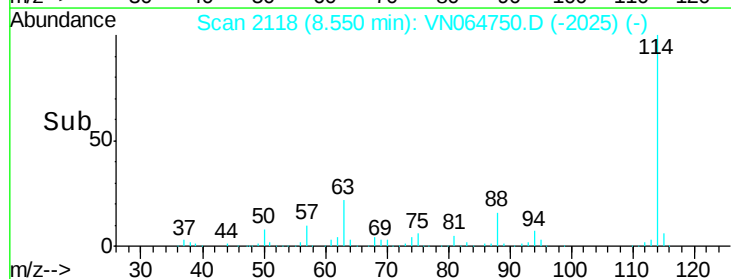
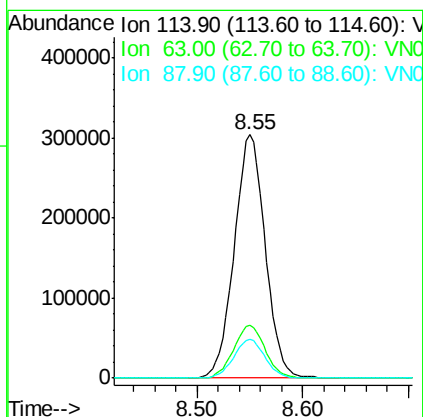
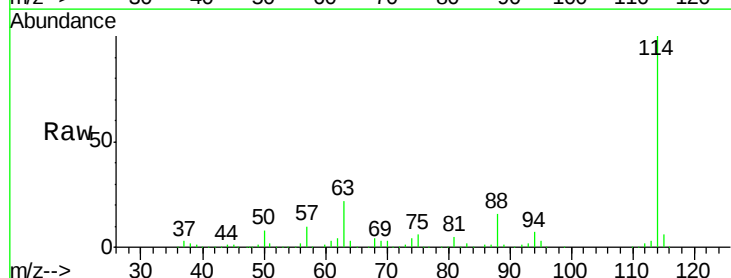
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

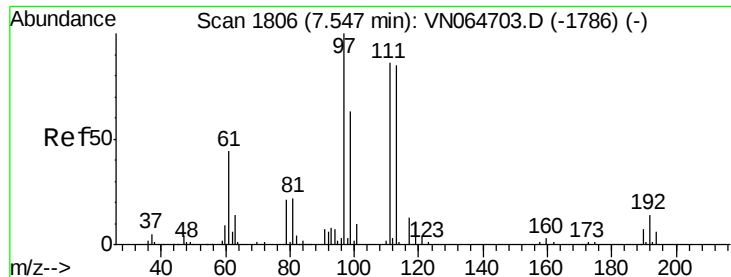
Tot Ion: 65 Resp: 271248
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion: 114 Resp: 618642
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 46.0
 88 15.9 0.0 31.2

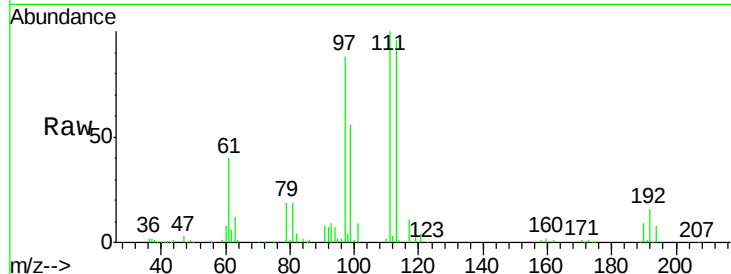




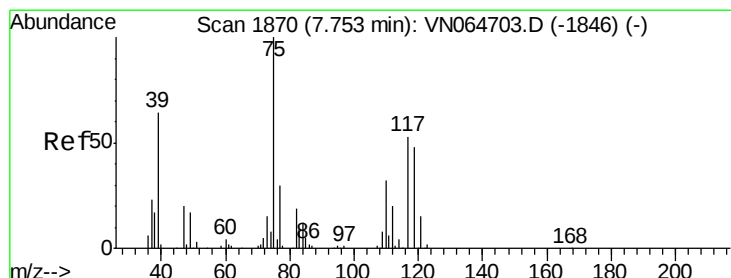
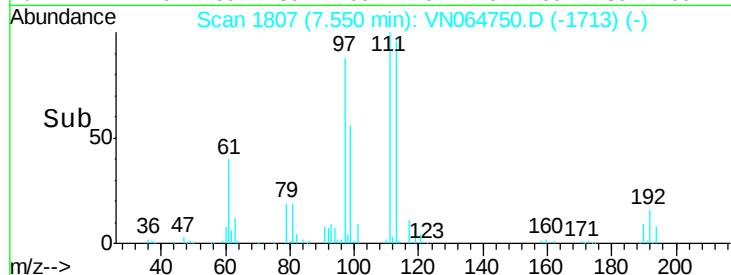
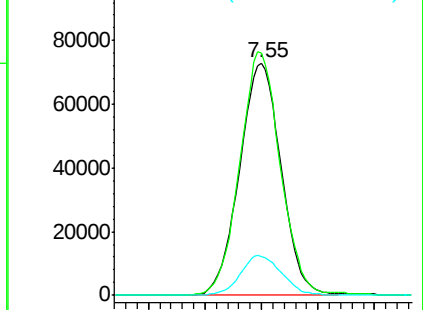
#35
 Dibromofluoromethane
 Concen: 52.851 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	17.2	12.7	19.1

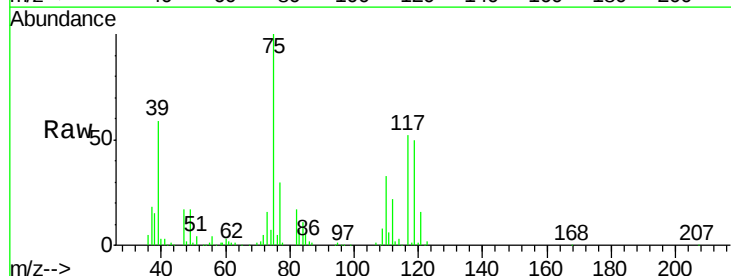


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

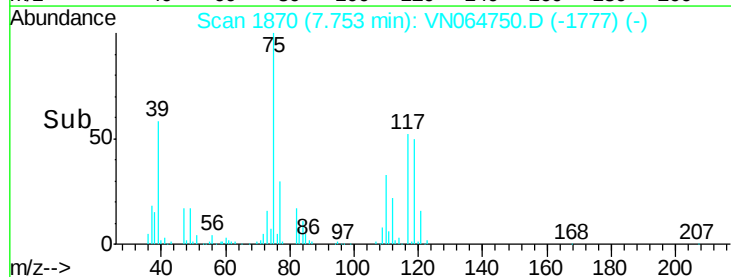
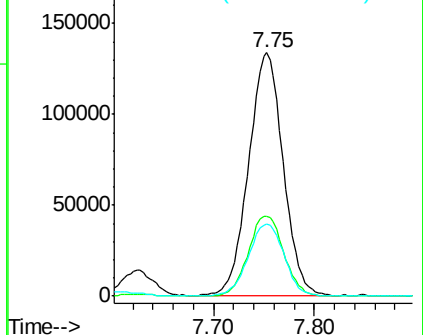


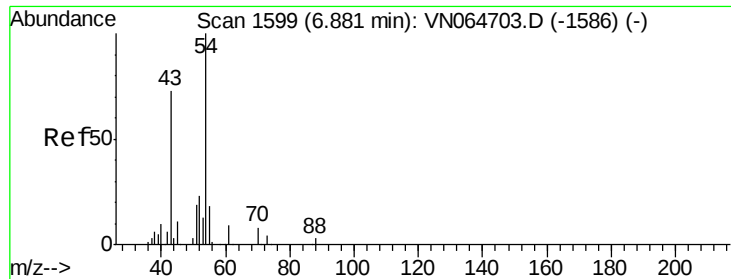
#36
 1,1-Dichloropropene
 Concen: 49.851 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.2	48.6
77	31.1	24.4	36.6



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

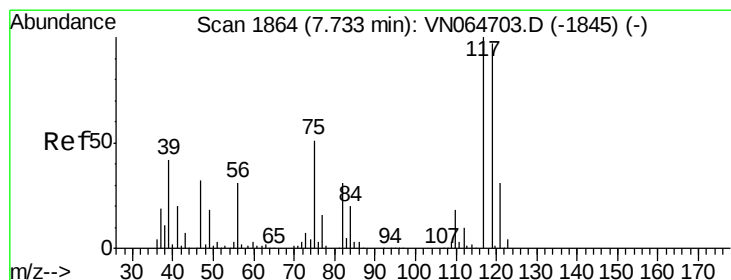
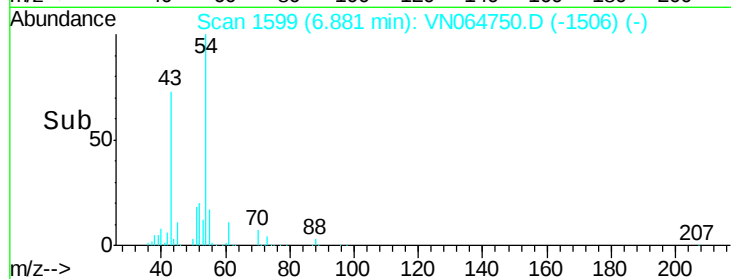
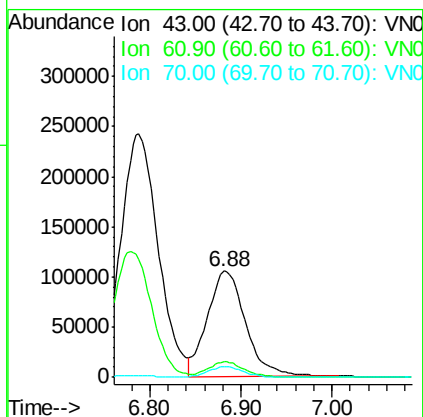
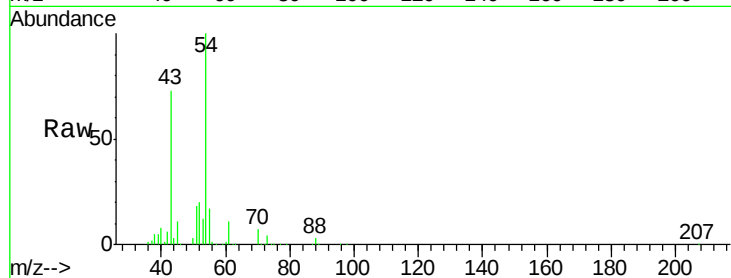




#37
Ethyl Acetate
Concen: 57.786 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

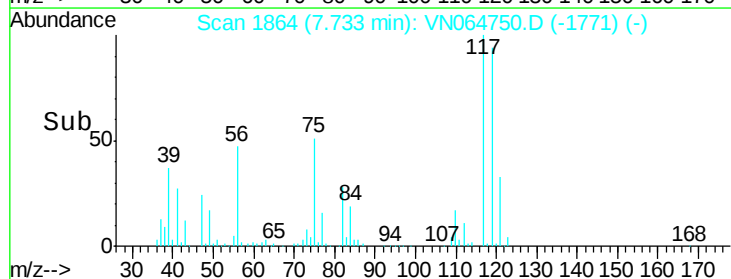
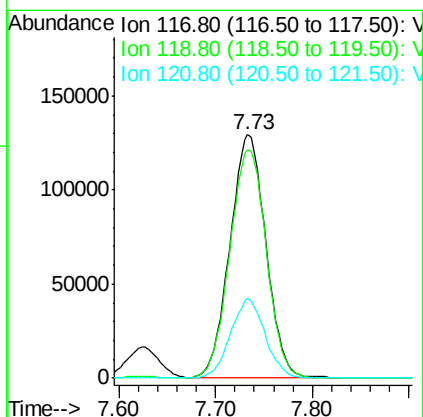
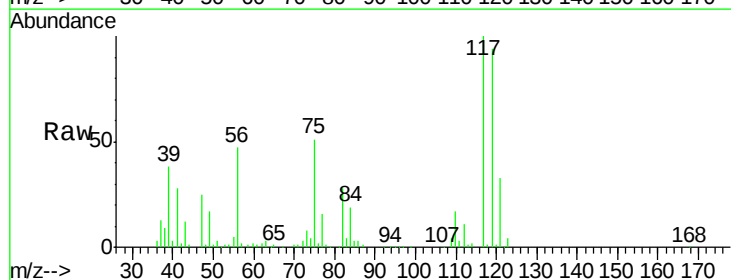
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

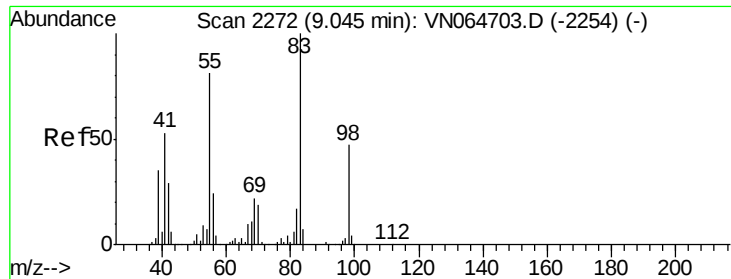
Tot Ion: 43 Resp: 307963
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 49.105 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 117 Resp: 332152
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.6
121 32.7 24.9 37.3

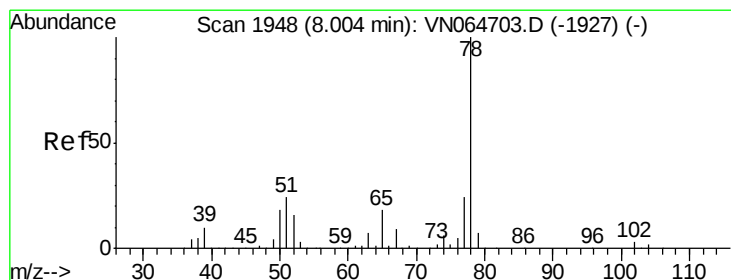
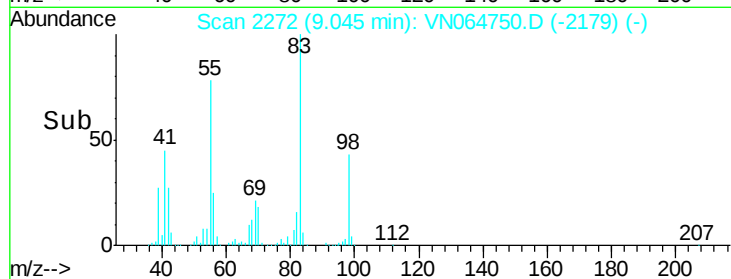
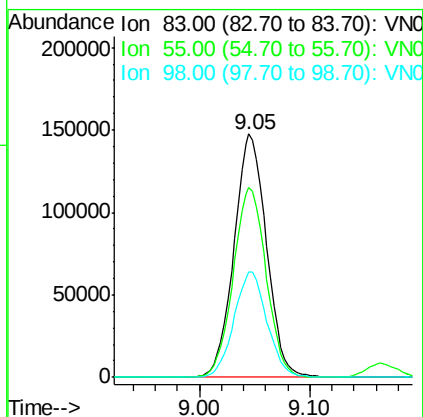
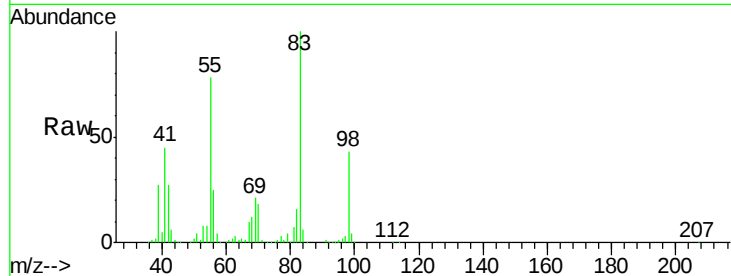




#39
Methvlcvclohexane
Concen: 53.347 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

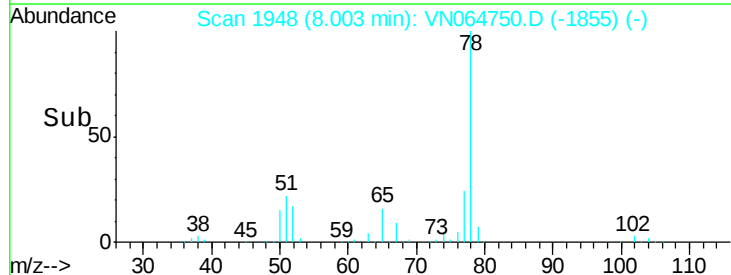
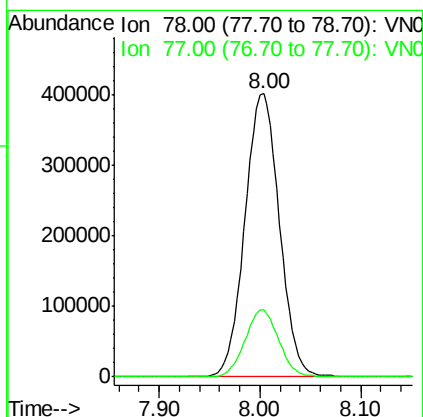
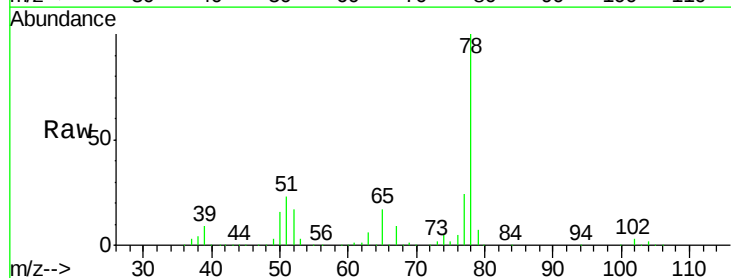
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

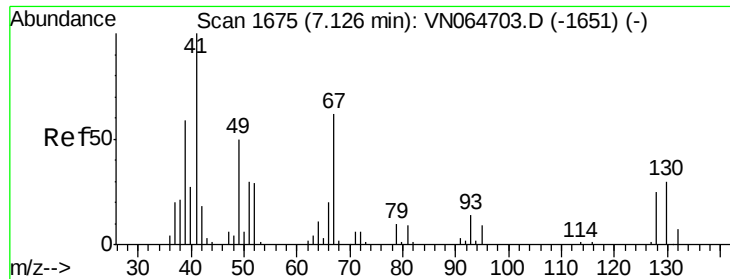
Tot Ion: 83 Resp: 300845
Ion Ratio Lower Upper
83 100
55 78.0 64.6 97.0
98 43.4 37.7 56.5



#40
Benzene
Concen: 53.519 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 78 Resp: 949092
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

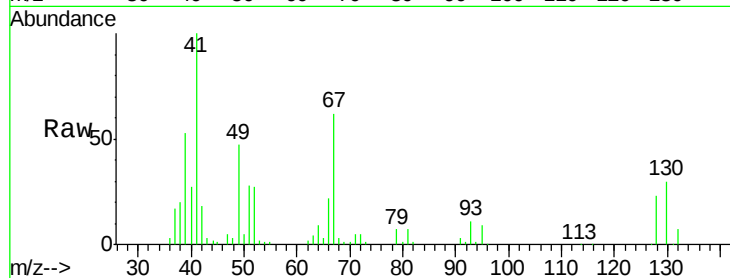




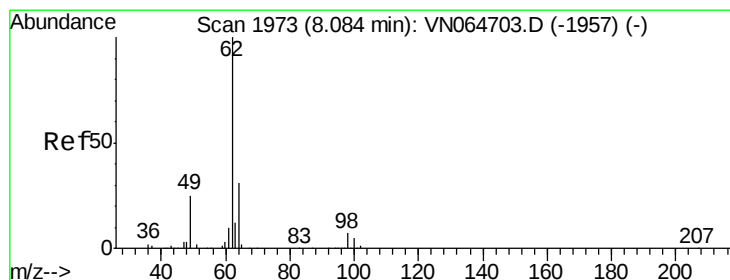
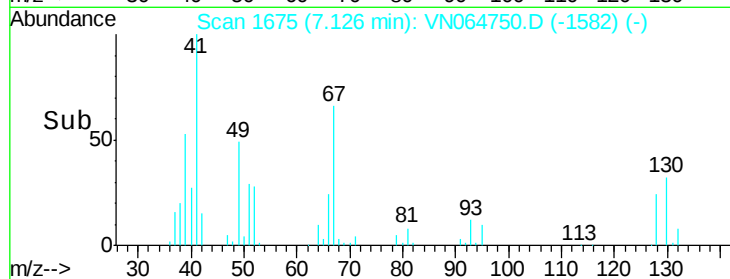
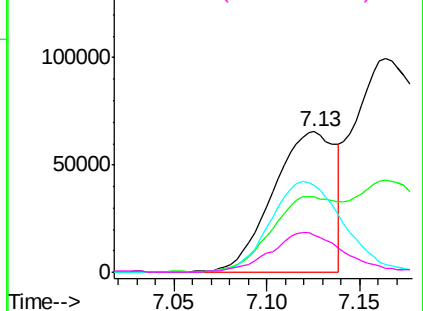
#41
Methacrylonitrile
Concen: 62.418 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	152466
Ion	Ratio	Lower	Upper
41	100		
39	59.0	46.0	69.0
67	76.7	67.0	100.4
52	32.4	31.7	47.5

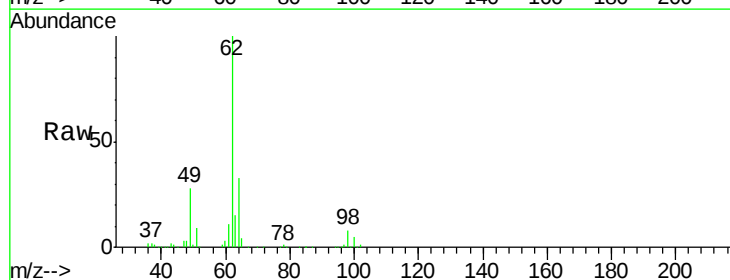


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

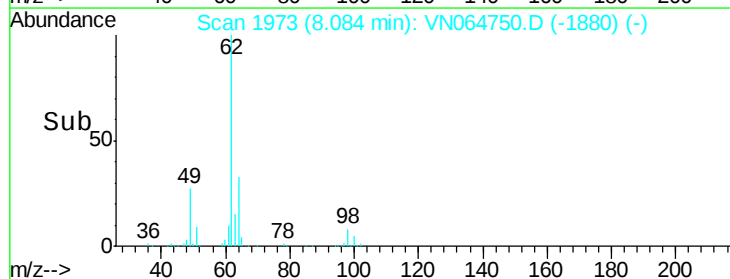
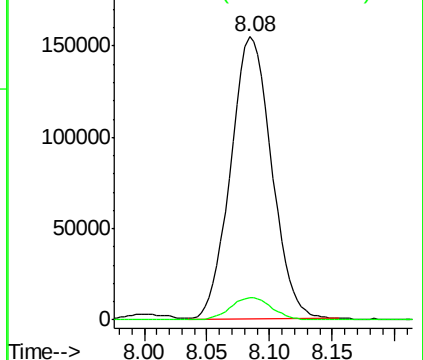


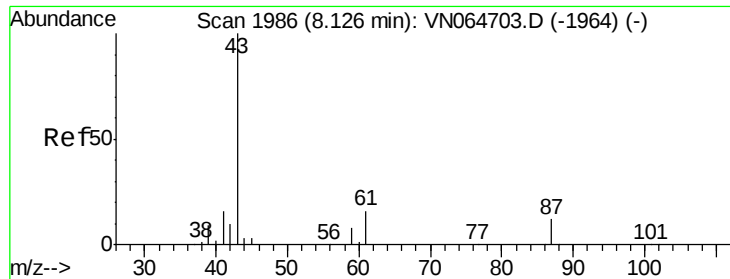
#42
1,2-Dichloroethane
Concen: 46.064 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion:	62	Resp:	351474
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	13.6



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





#43

Isopropyl Acetate

Concen: 48.993 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

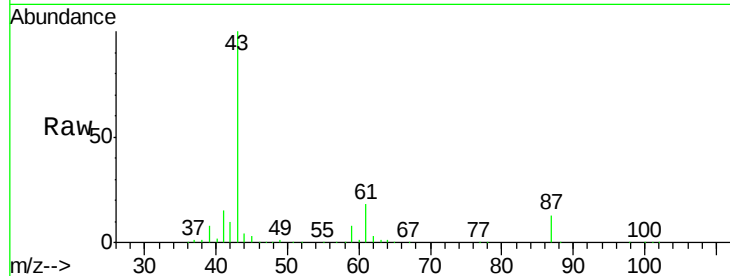
Tot Ion: 43 Resp: 506088

Ion Ratio Lower Upper

43 100

61 26.0 14.1 21.1#

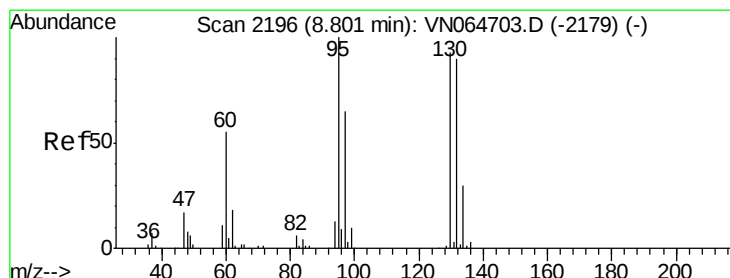
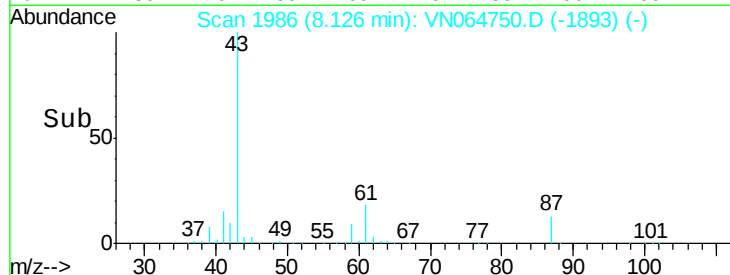
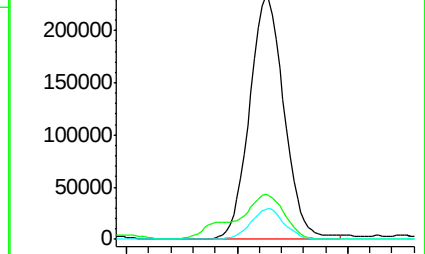
87 12.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064750.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064750.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064750.D (-1893) (-)



#44

Trichloroethene

Concen: 49.266 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064750.D

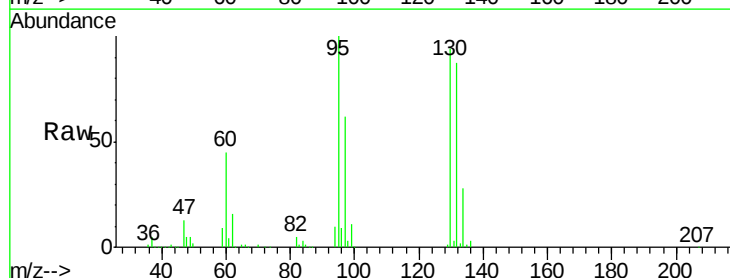
Acq: 19 Nov 2020 22:02

Tgt Ion: 130 Resp: 250731

Ion Ratio Lower Upper

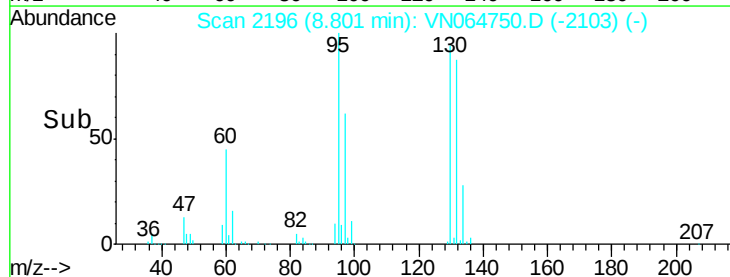
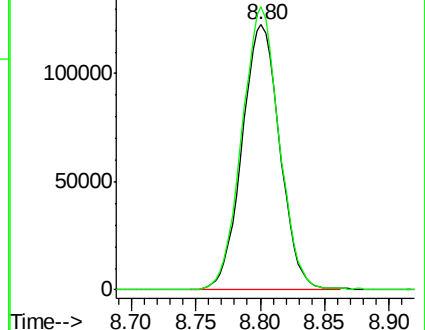
130 100

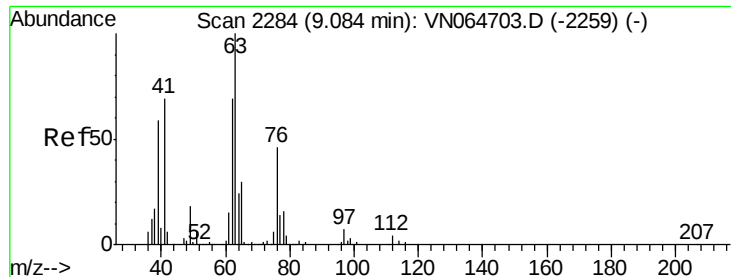
95 106.8 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064750.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064750.D (-2103) (-)

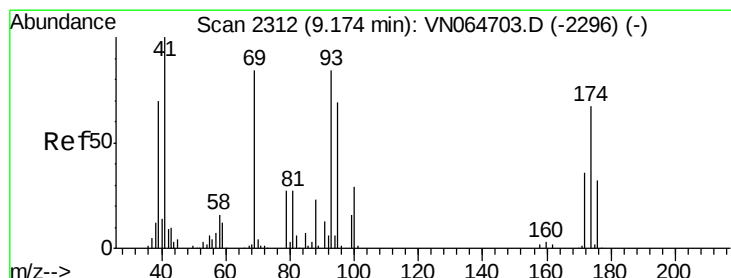
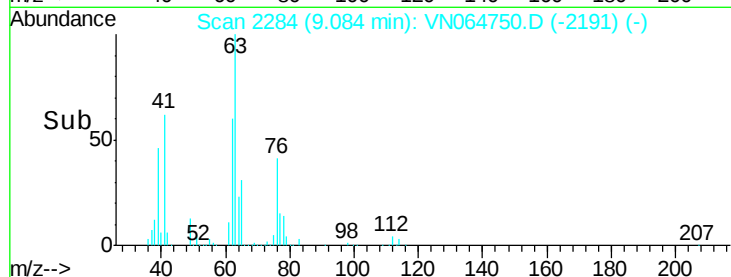
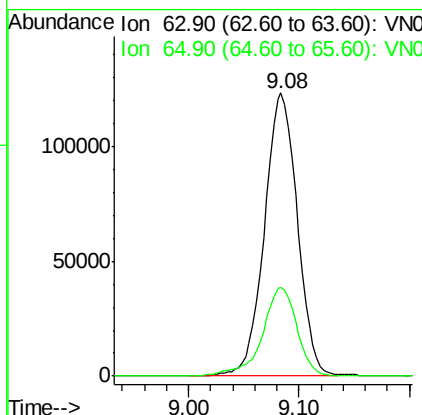
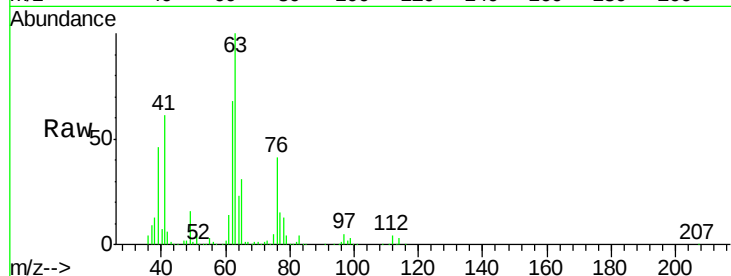




#45
 1,2-Dichloropropane
 Concen: 53.946 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

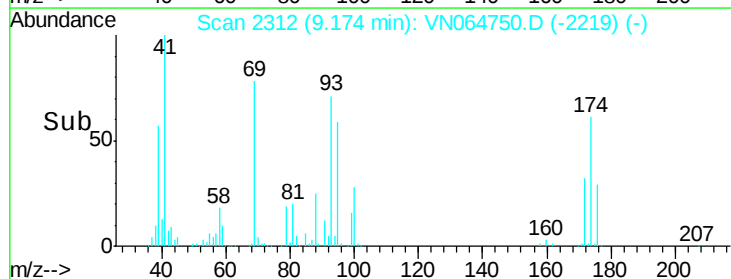
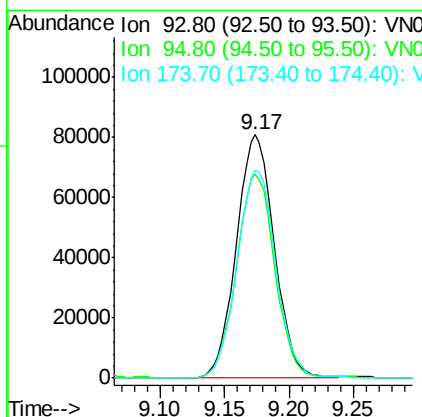
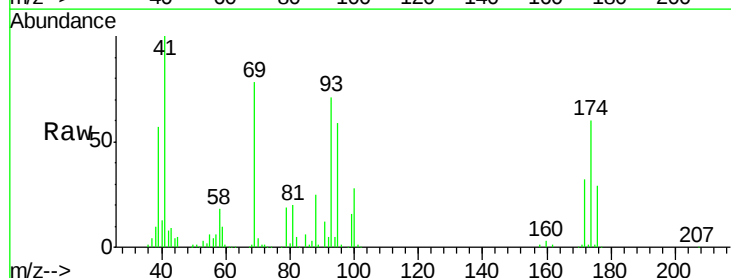
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

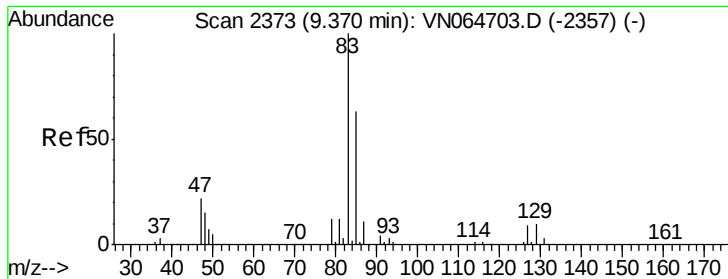
Tot Ion: 63 Resp: 255003
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.0 36.0



#46
 Dibromomethane
 Concen: 49.476 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion: 93 Resp: 165782
 Ion Ratio Lower Upper
 93 100
 95 84.7 64.6 97.0
 174 87.7 64.3 96.5





#47

Bromodichloromethane

Concen: 49.142 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

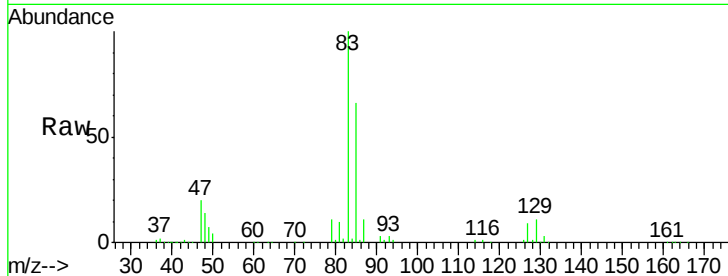
Tot Ion: 83 Resp: 346169

Ion Ratio Lower Upper

83 100

85 66.3 50.8 76.2

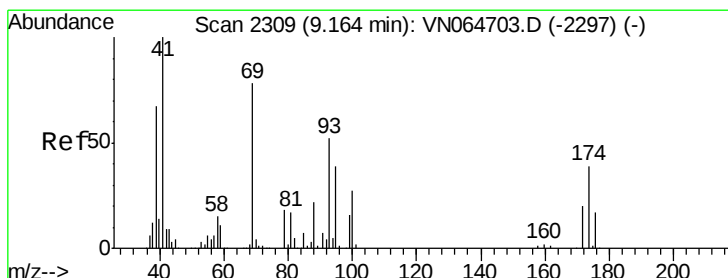
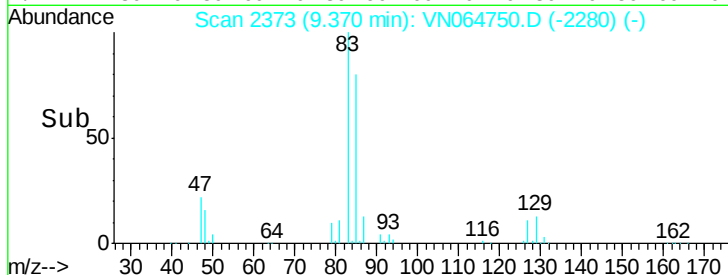
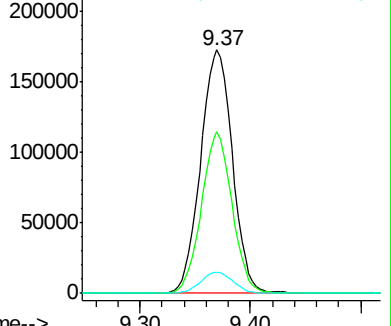
127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064750.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064750.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064750.D (-2280) (-)



#48

Methyl methacrylate

Concen: 52.834 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

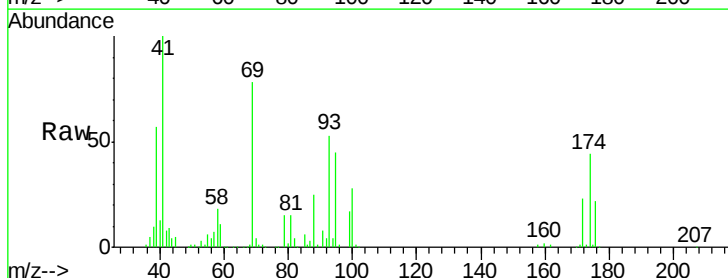
Tgt Ion: 41 Resp: 257510

Ion Ratio Lower Upper

41 100

69 78.6 62.3 93.5

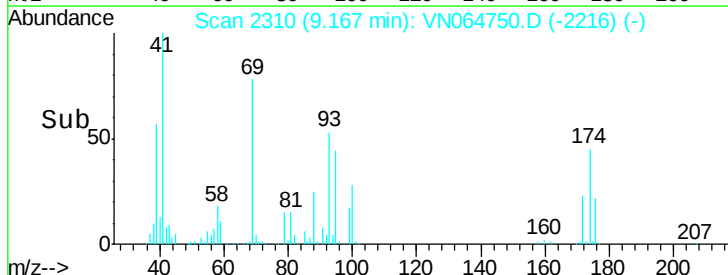
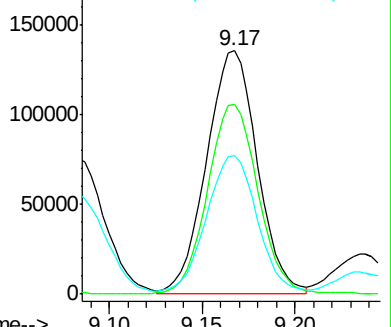
39 57.6 55.1 82.7

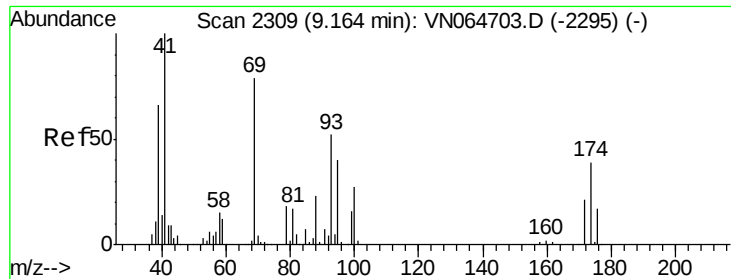


Abundance Ion 41.00 (40.70 to 41.70): VN064750.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064750.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064750.D (-2216) (-)

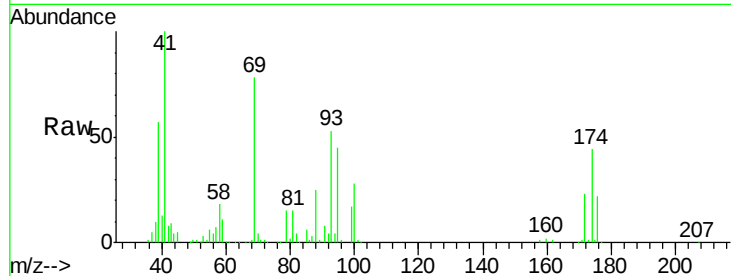




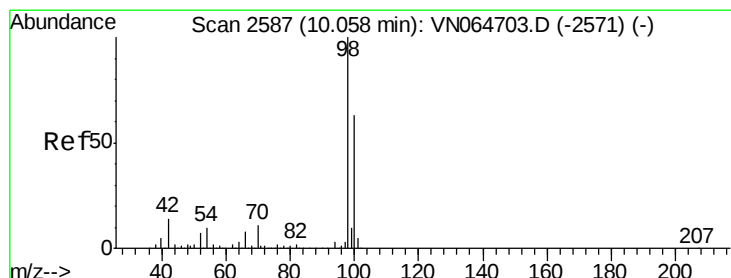
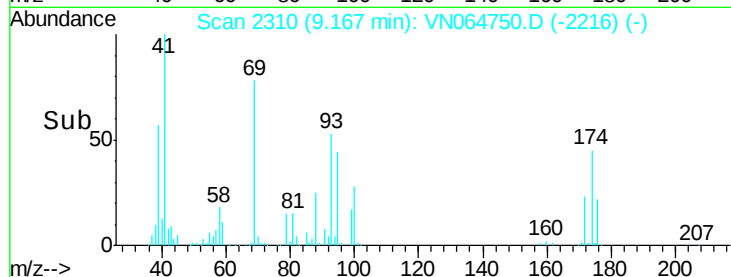
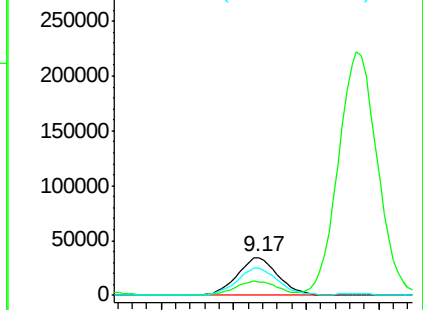
#49
 1,4-Dioxane
 Concen: 1107.754 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 67361
 Ion Ratio Lower Upper
 88 100
 43 35.9 31.3 46.9
 58 73.5 55.7 83.5

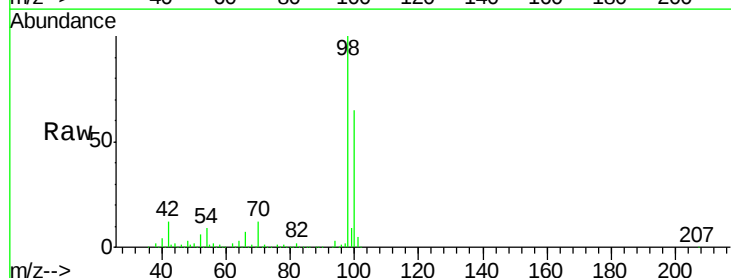


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

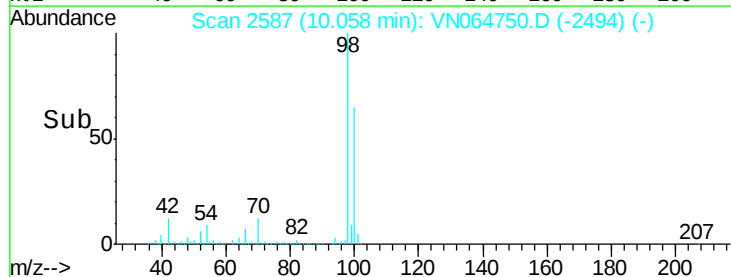
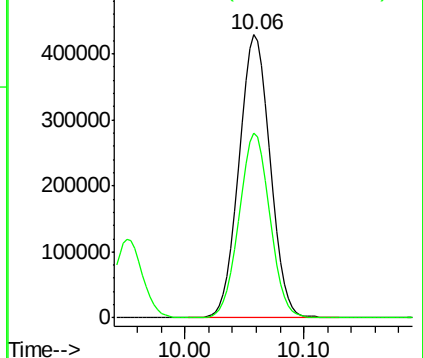


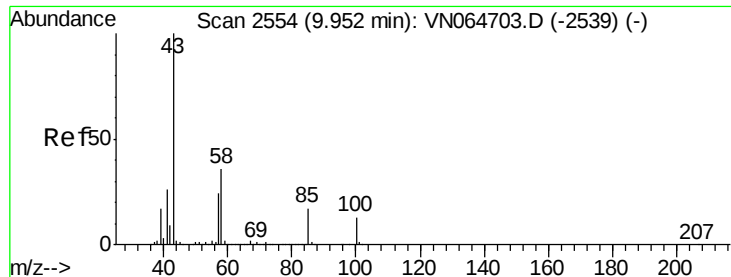
#50
 Toluene-d8
 Concen: 48.698 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion: 98 Resp: 779318
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.4 75.6



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





#51

4-Methyl-2-Pentanone

Concen: 249.351 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

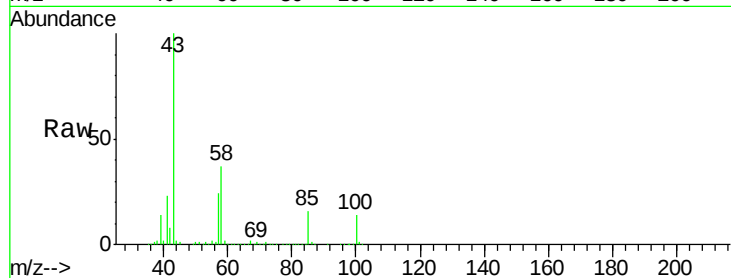
VSTDCCC050EC

Tot Ion: 43 Resp: 1554763

Ion Ratio Lower Upper

43 100

58 36.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064703.D (-2539) (-)

9.95

800000

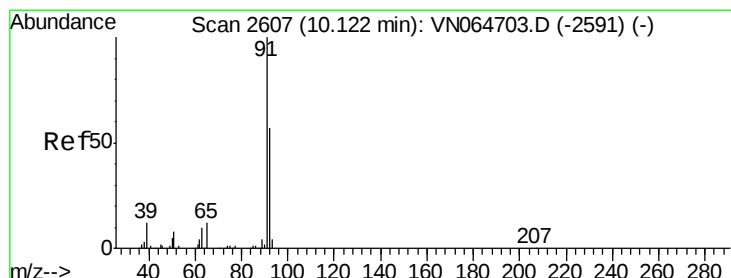
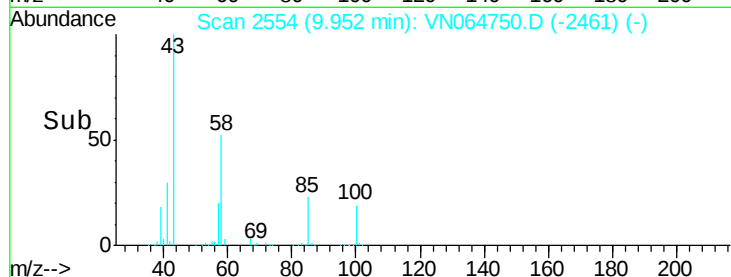
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.395 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064750.D

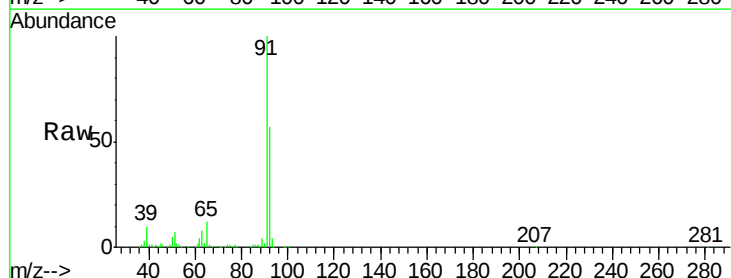
Acq: 19 Nov 2020 22:02

Tgt Ion: 92 Resp: 583189

Ion Ratio Lower Upper

92 100

91 175.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064703.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064703.D (-2591) (-)

10.13

600000

500000

400000

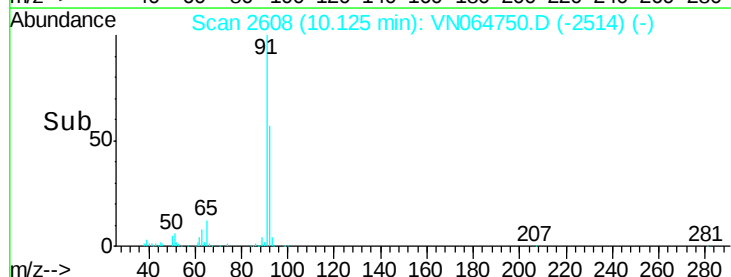
300000

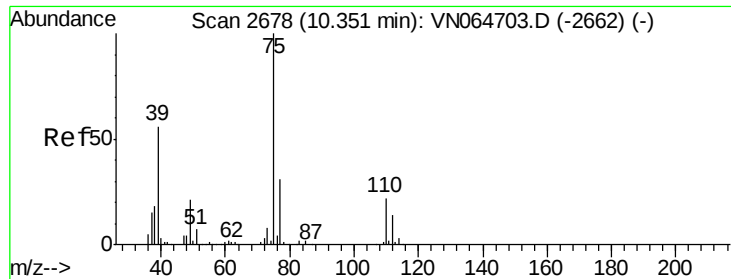
200000

100000

0

Time-->

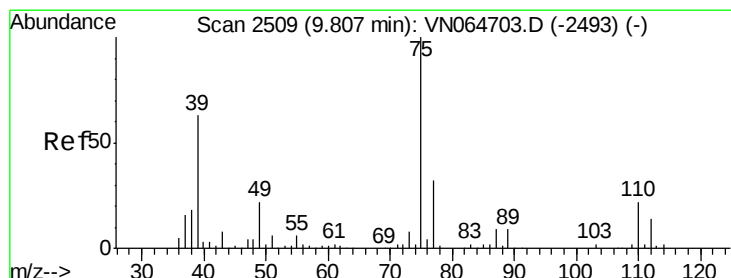
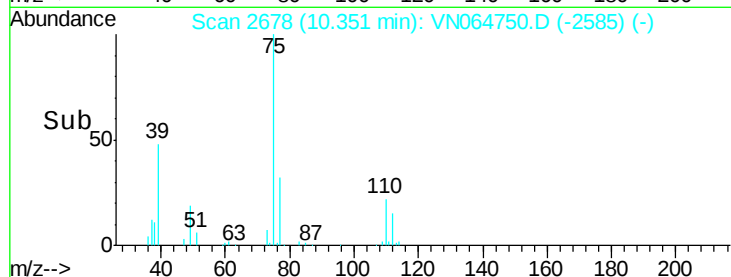
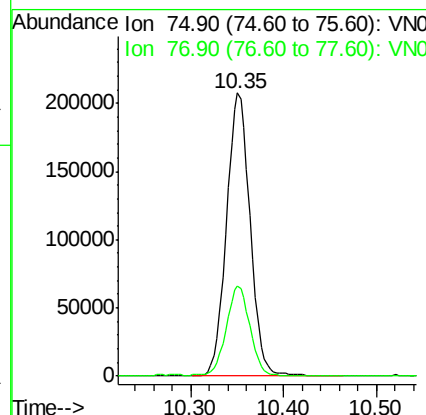
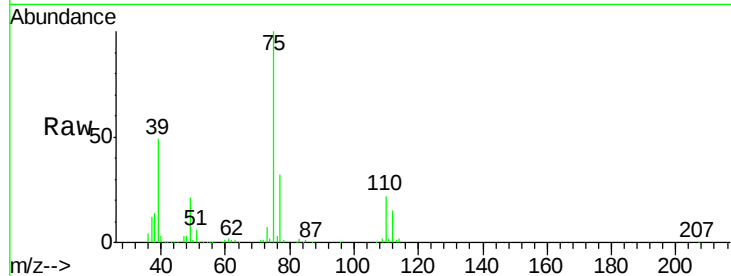




#53
t-1,3-Dichloropropene
Concen: 48.513 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

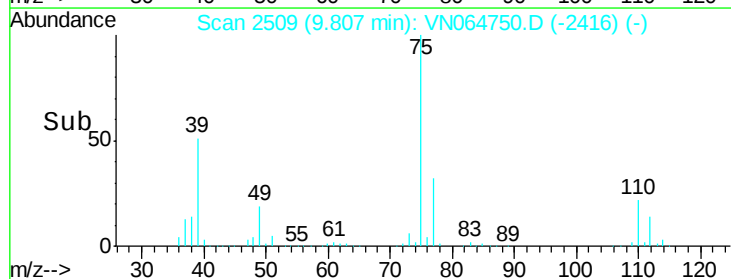
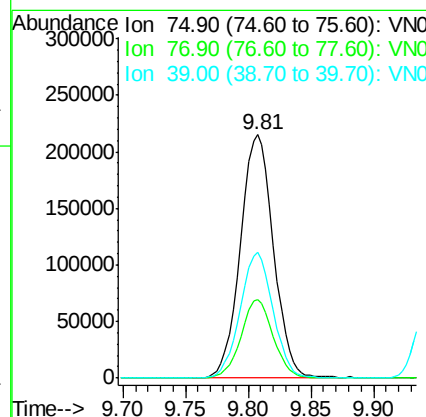
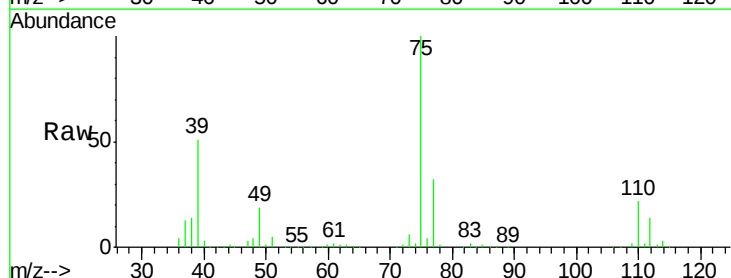
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

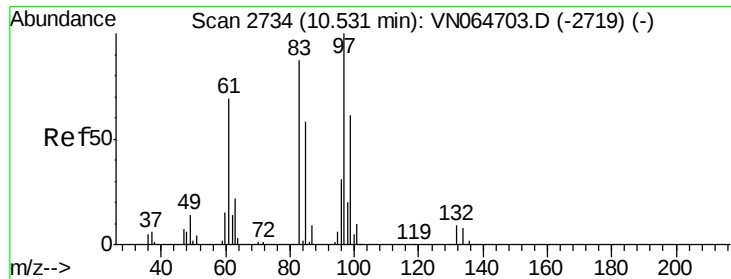
Tot Ion: 75 Resp: 365738
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.819 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 75 Resp: 394494
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 51.3 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 52.170 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 228546

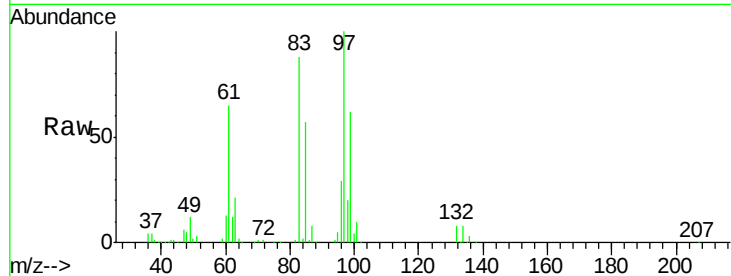
Ion Ratio Lower Upper

97 100

83 88.1 69.6 104.4

85 56.9 46.6 70.0

99 61.6 48.9 73.3

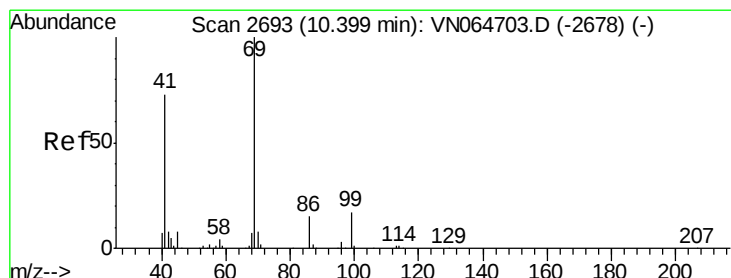
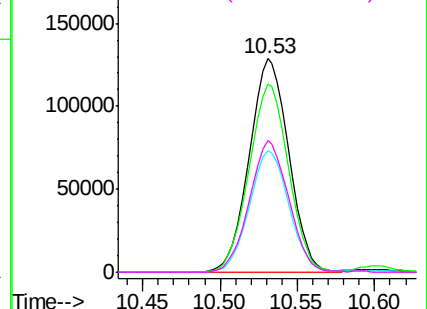
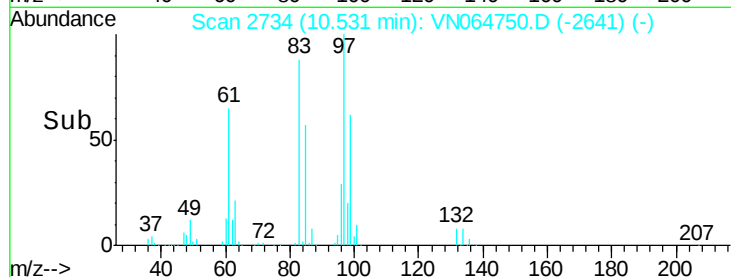


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 45.863 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

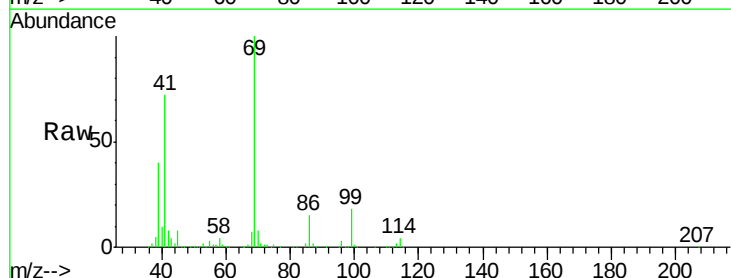
Tgt Ion: 69 Resp: 328119

Ion Ratio Lower Upper

69 100

41 70.3 59.0 88.4

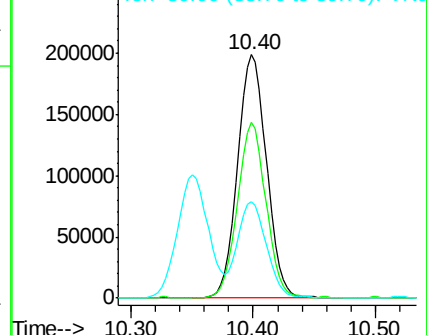
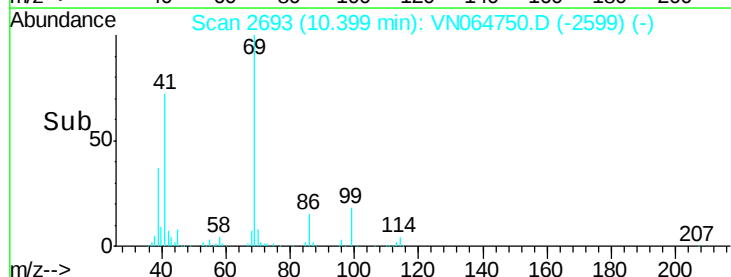
39 39.9 38.4 57.6

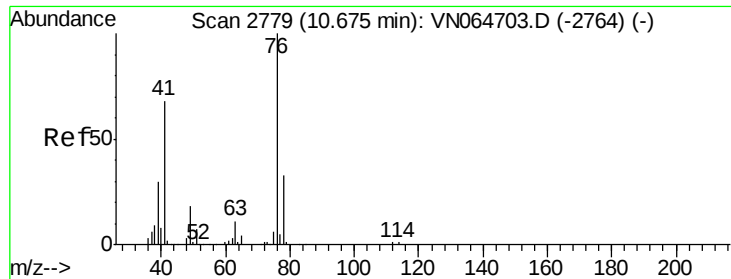


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

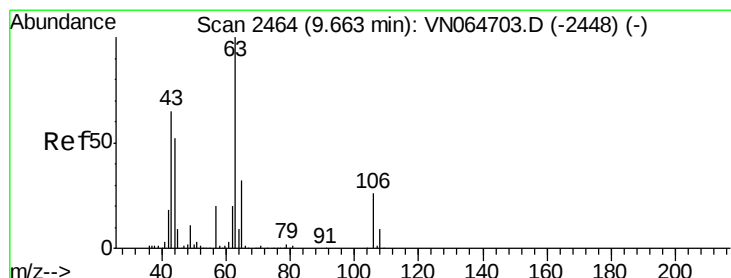
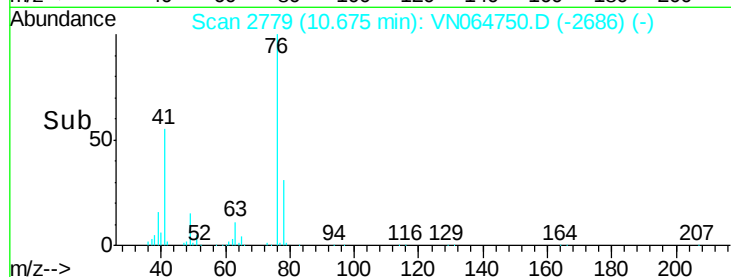
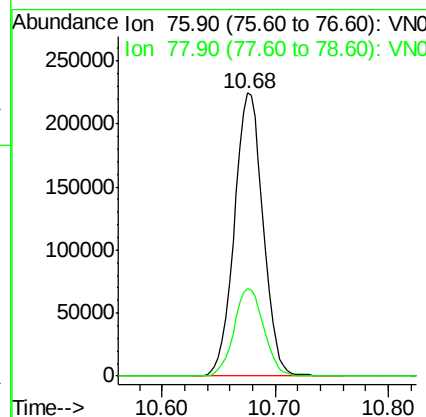
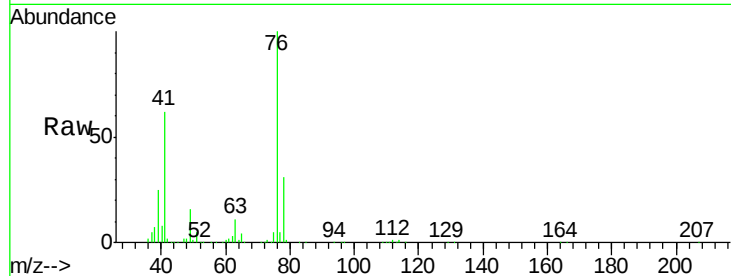




#57
 1,3-Dichloropropane
 Concen: 52.250 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

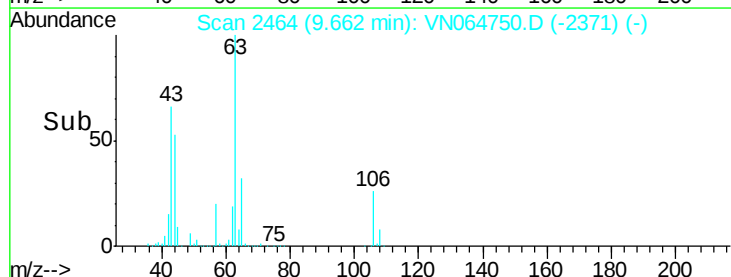
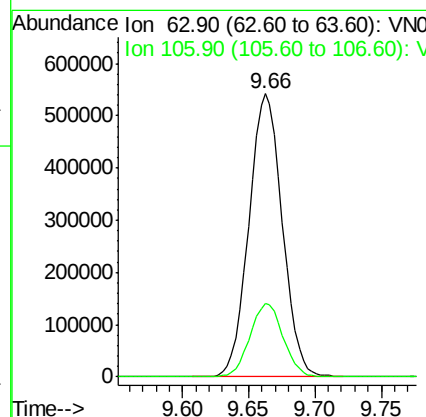
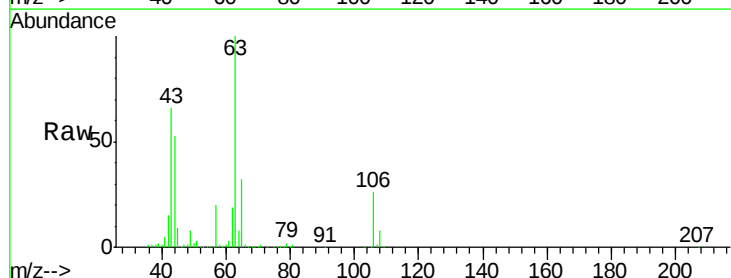
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

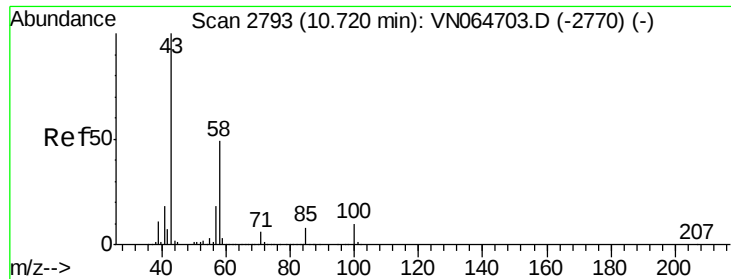
Tot Ion: 76 Resp: 396499
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.454 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion: 63 Resp: 947500
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.9 31.3

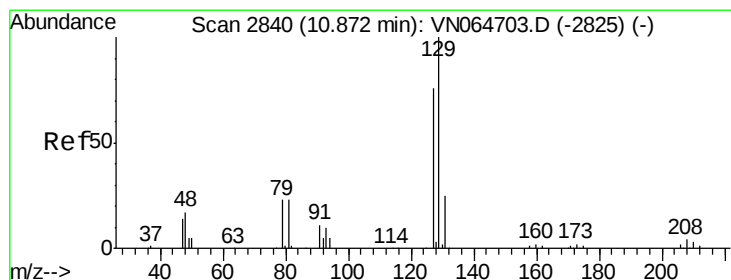
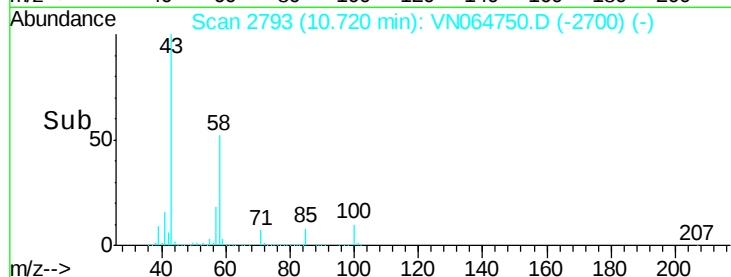
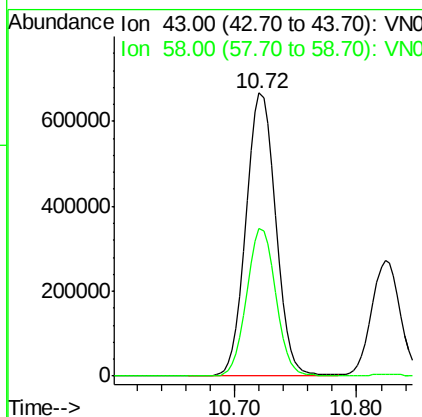
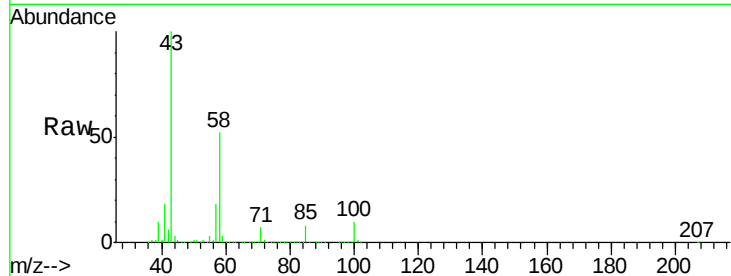




#59
2-Hexanone
Concen: 243.930 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

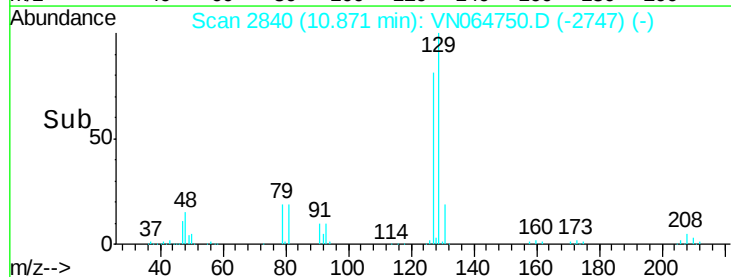
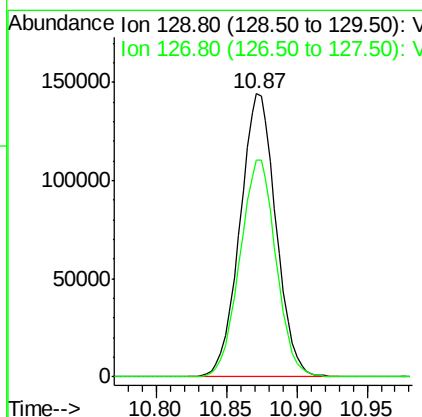
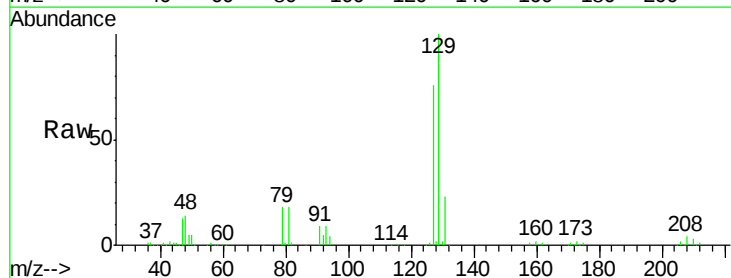
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

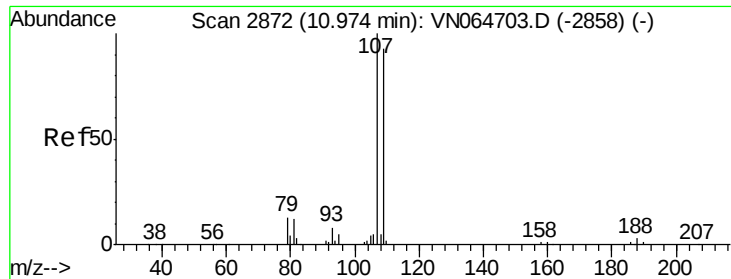
Tot Ion: 43 Resp: 1116422
Ion Ratio Lower Upper
43 100
58 51.1 24.4 73.4



#60
Dibromochloromethane
Concen: 50.871 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 129 Resp: 257475
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

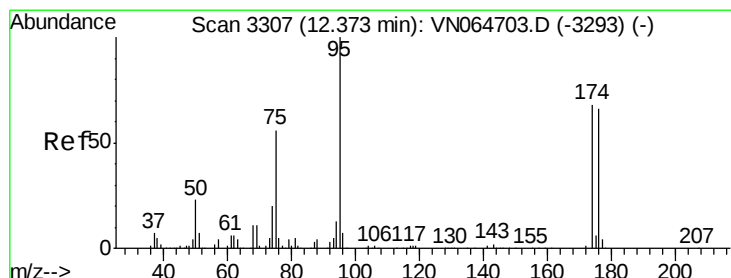
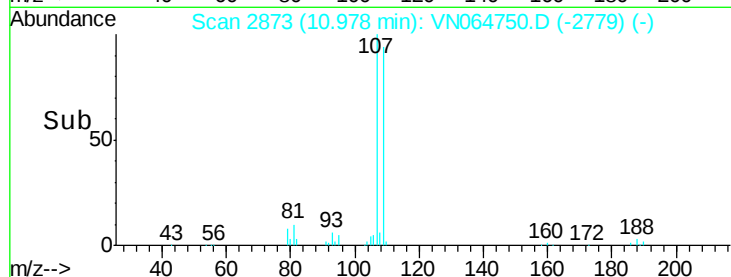
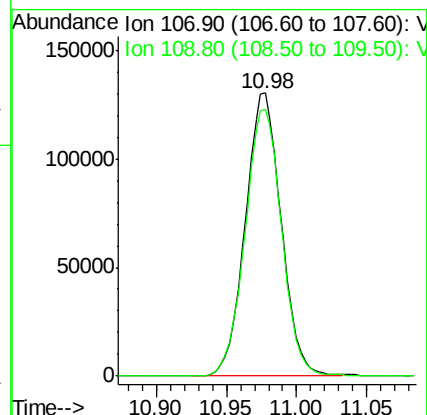
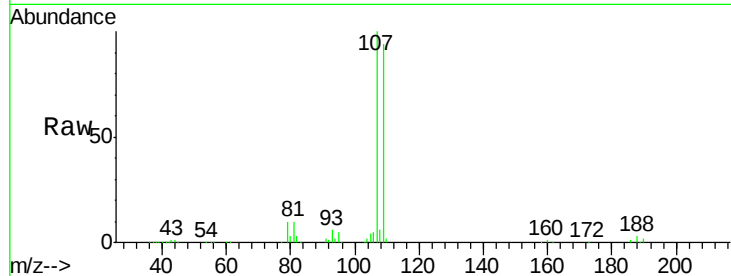




#61
 1,2-Dibromoethane
 Concen: 49.740 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

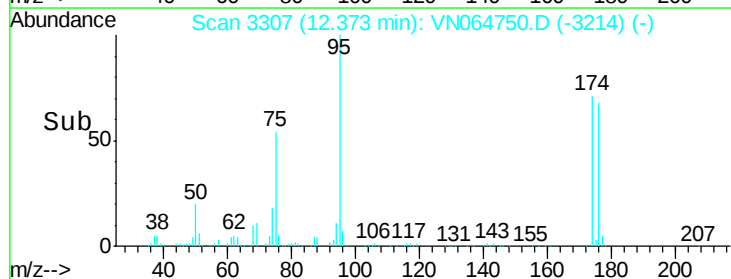
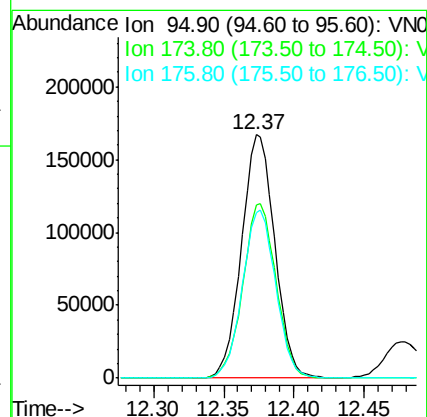
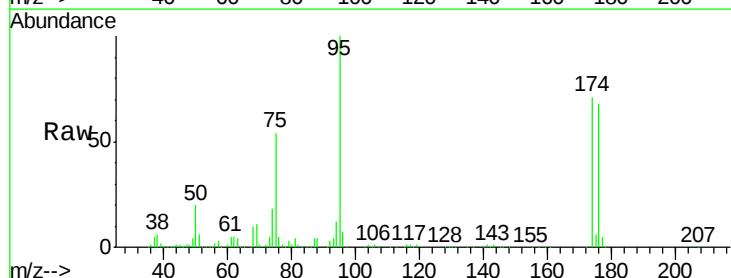
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

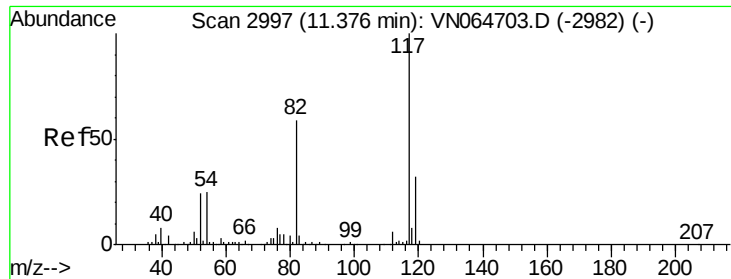
Tot Ion:107 Resp: 232417
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 46.236 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion: 95 Resp: 276565
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 136.8
 176 68.8 0.0 134.2

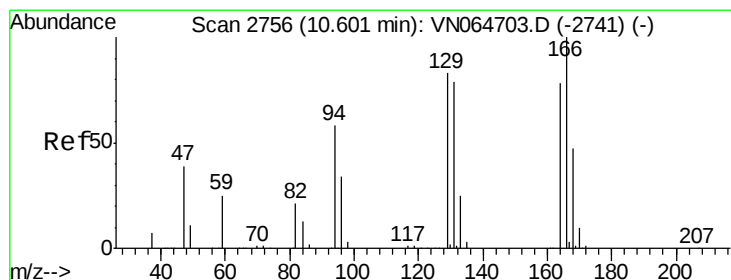
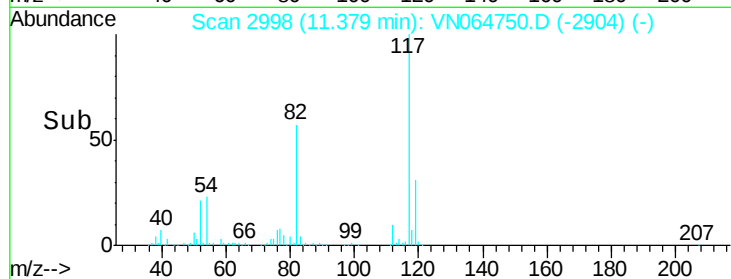
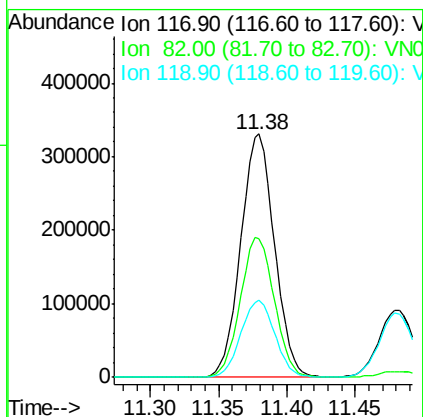
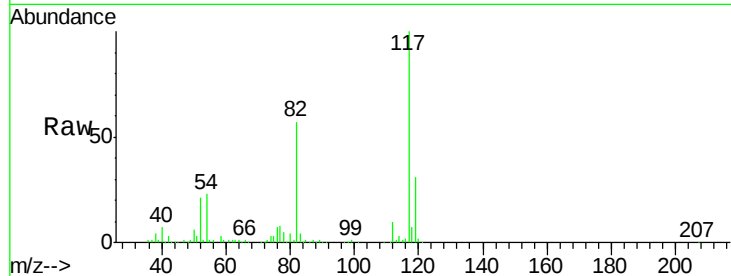




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

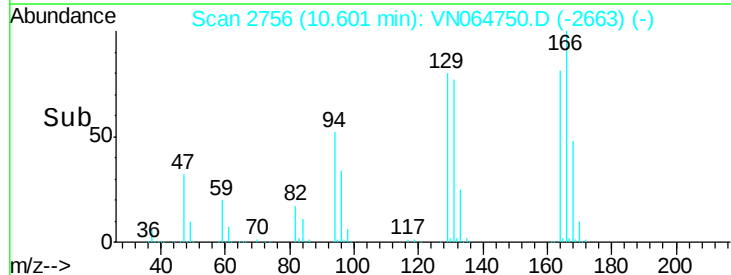
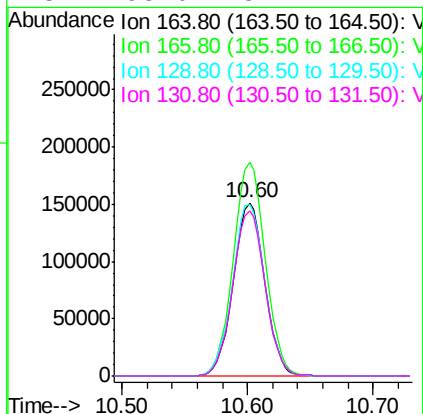
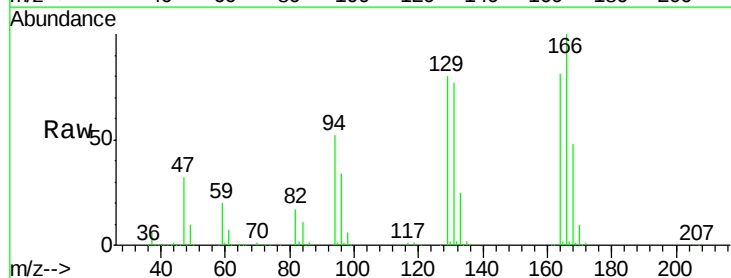
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

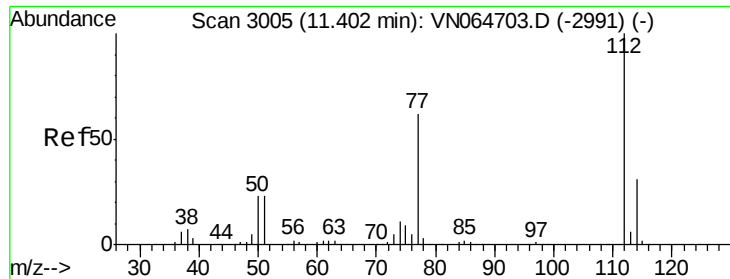
Tot Ion:117 Resp: 568767
Ion Ratio Lower Upper
117 100
82 57.2 47.0 70.6
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 52.266 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion:164 Resp: 263539
Ion Ratio Lower Upper
164 100
166 123.1 102.2 153.4
129 99.0 84.7 127.1
131 95.0 81.1 121.7

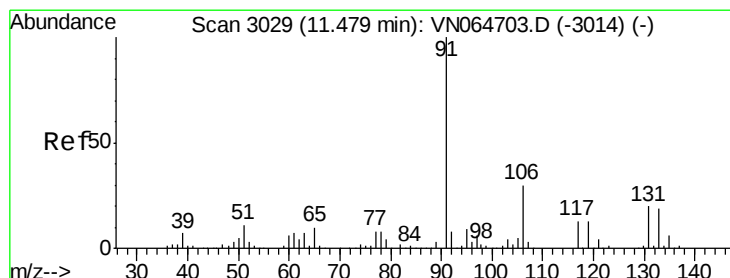
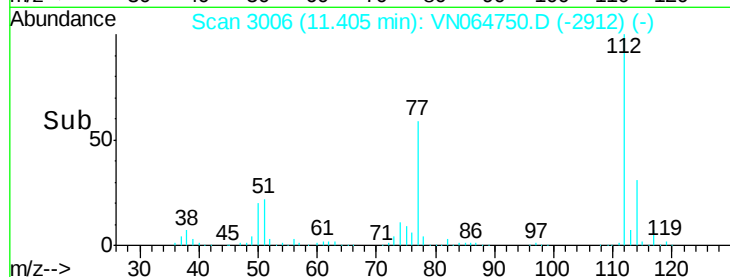
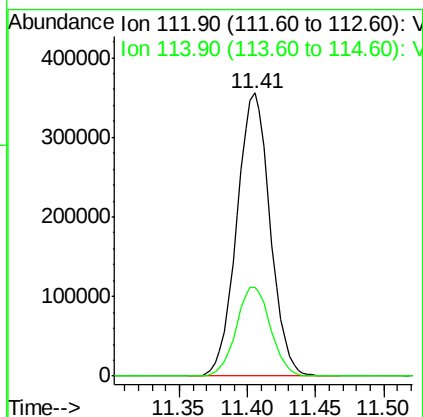
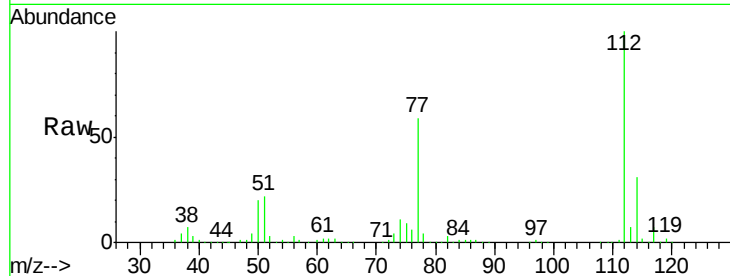




#65
Chlorobenzene
Concen: 49.844 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

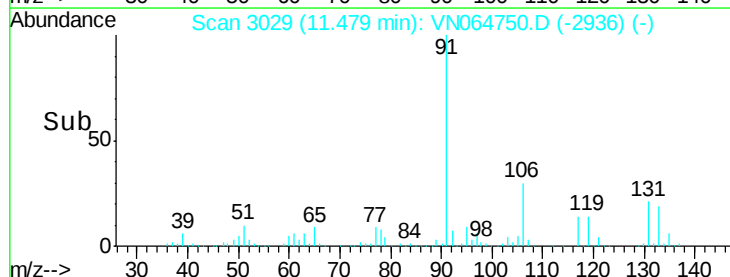
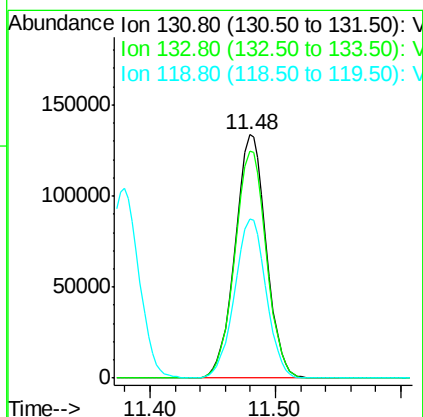
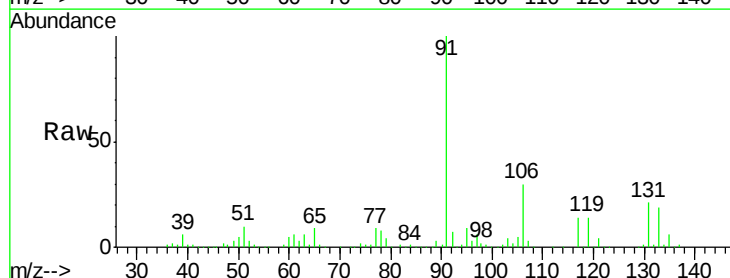
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

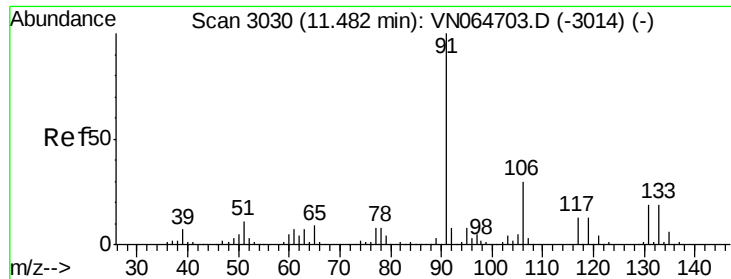
Tot Ion:112 Resp: 603040
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.846 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion:131 Resp: 229860
Ion Ratio Lower Upper
131 100
133 94.6 48.8 146.4
119 66.0 33.5 100.4

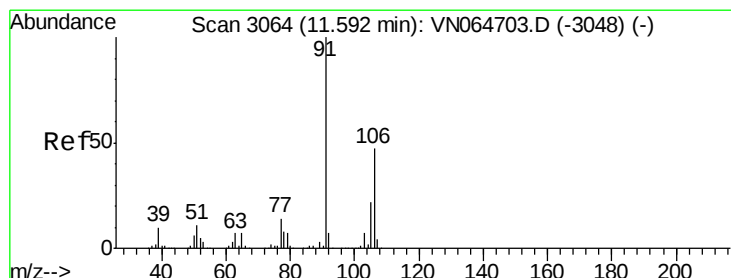
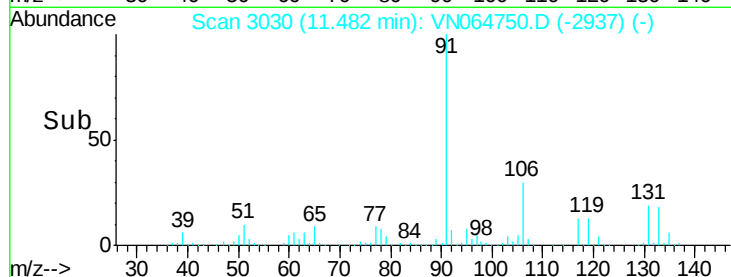
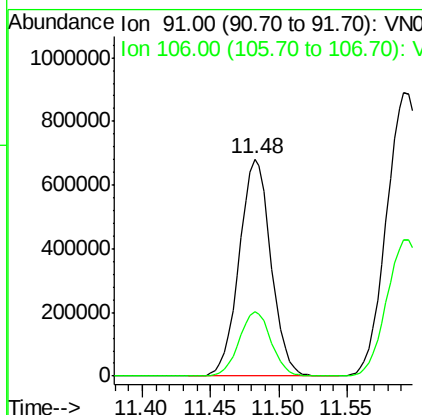
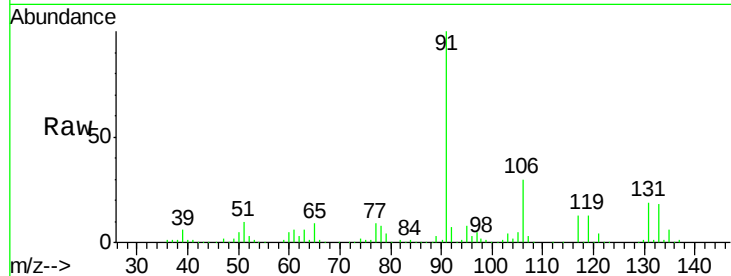




#67
Ethyl Benzene
Concen: 51.572 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

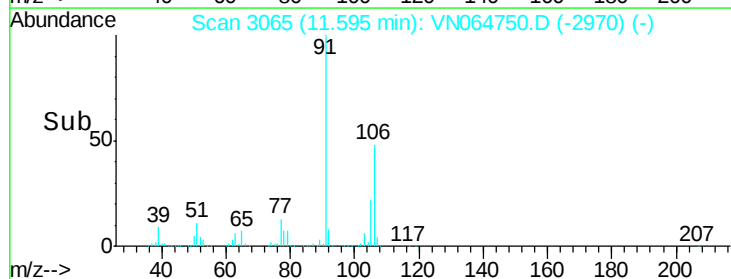
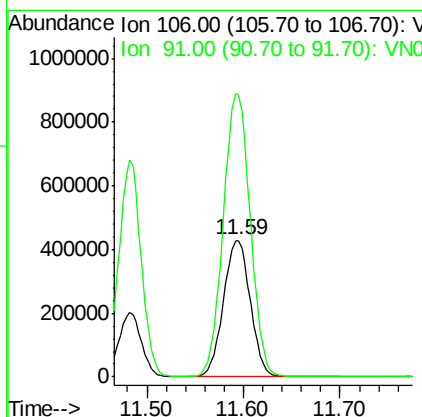
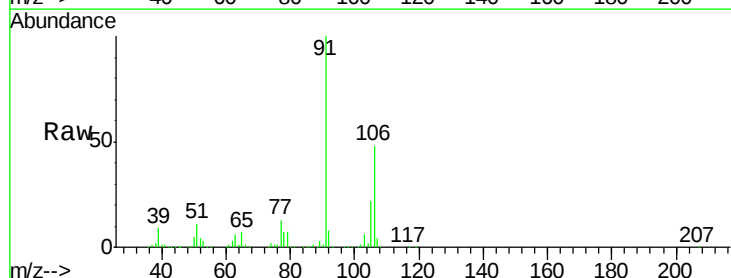
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

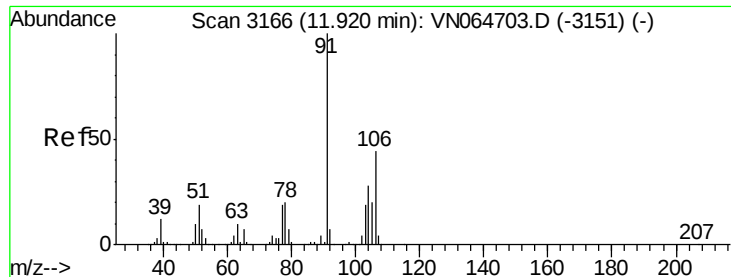
Tot Ion: 91 Resp: 1100137
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9



#68
m/p-Xylenes
Concen: 95.551 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 106 Resp: 826056
Ion Ratio Lower Upper
106 100
91 208.4 171.9 257.9

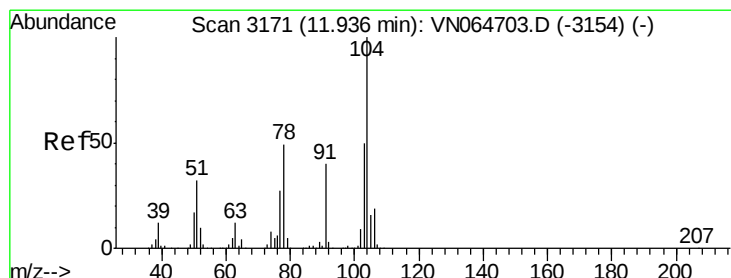
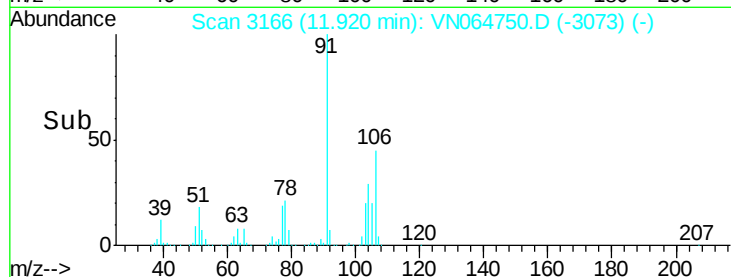
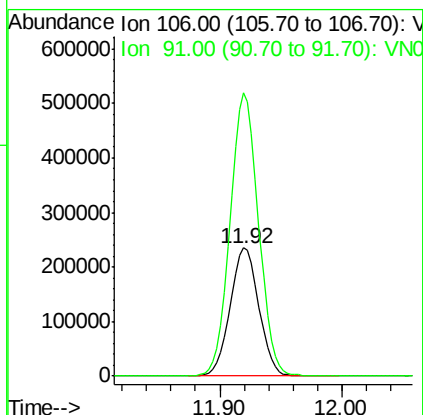
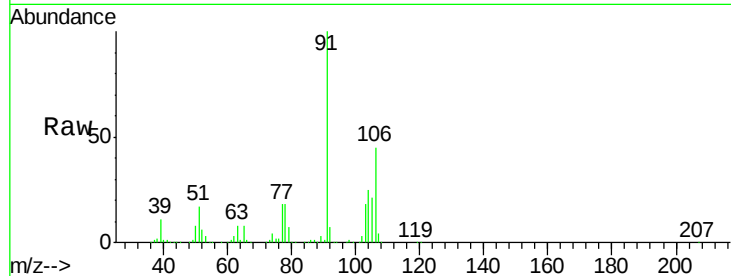




#69
o-Xylene
Concen: 51.754 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

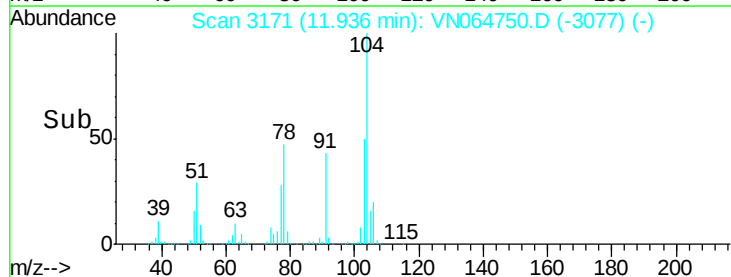
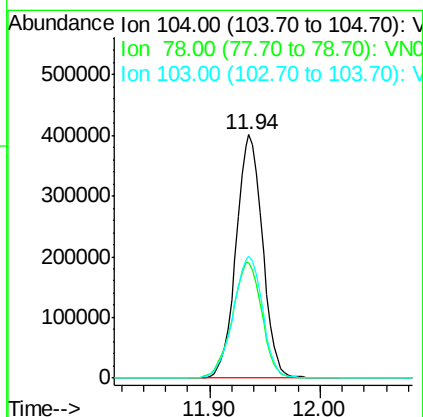
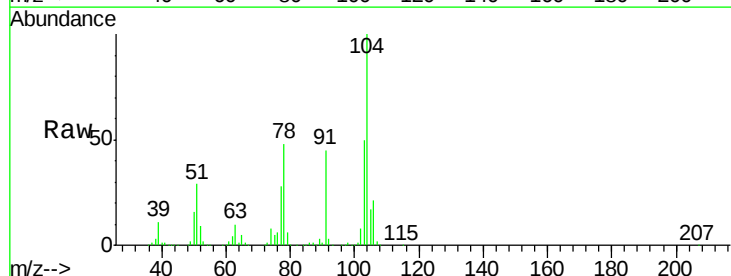
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

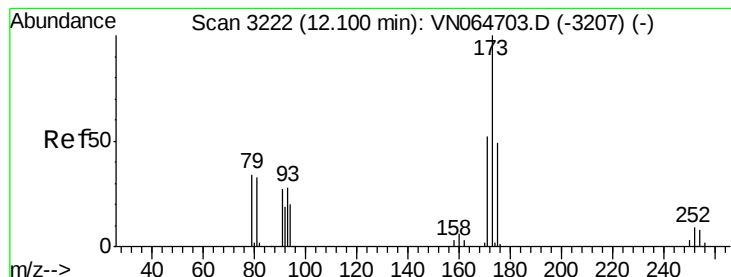
Tot Ion:106 Resp: 385166
Ion Ratio Lower Upper
106 100
91 218.9 112.1 336.3



#70
Styrene
Concen: 46.099 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion:104 Resp: 666089
Ion Ratio Lower Upper
104 100
78 53.2 44.1 66.1
103 55.6 43.7 65.5





#71

Bromoform

Concen: 45.691 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

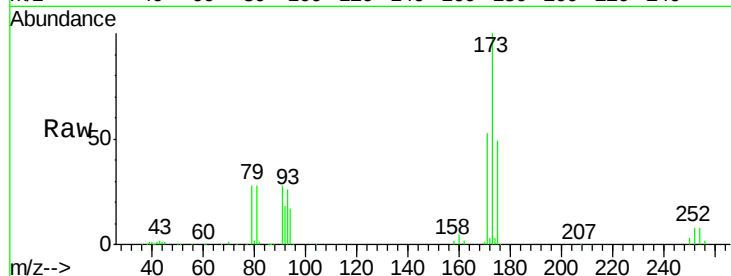
Tot Ion:173 Resp: 159786

Ion Ratio Lower Upper

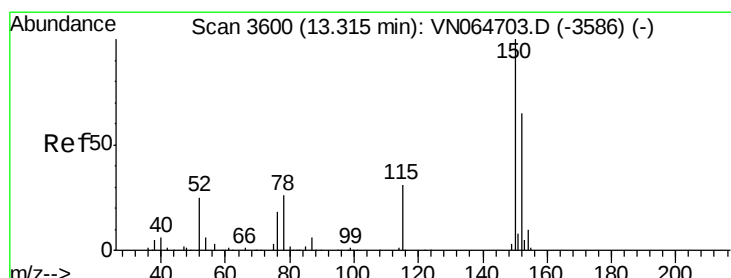
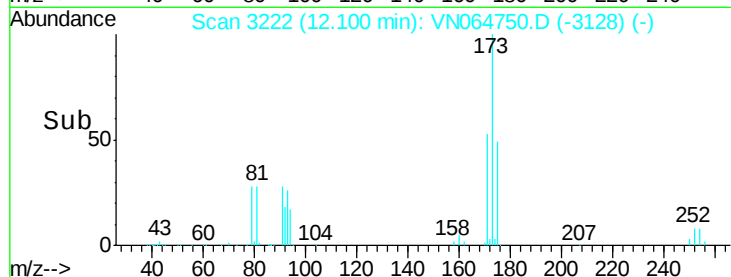
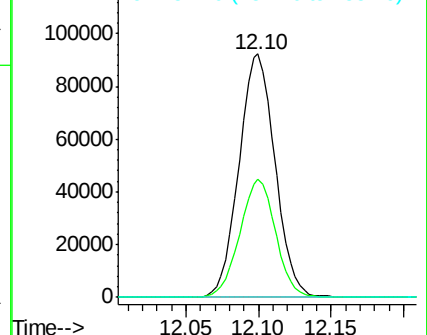
173 100

175 48.1 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

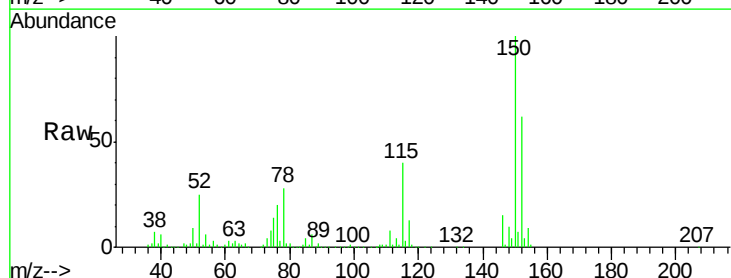
Tgt Ion:152 Resp: 245505

Ion Ratio Lower Upper

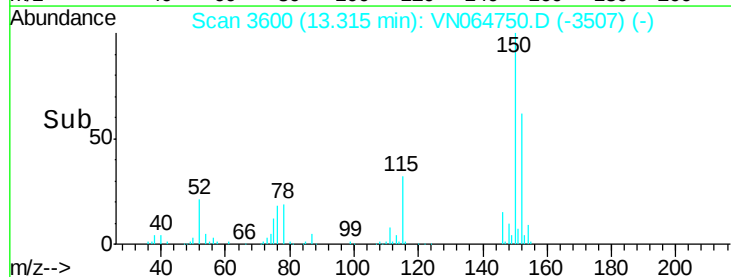
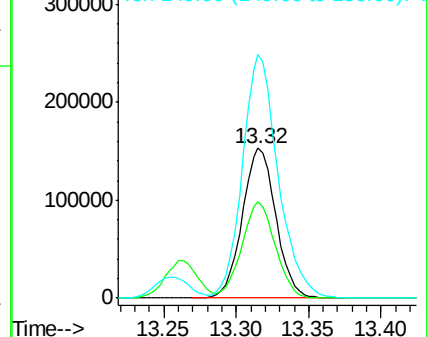
152 100

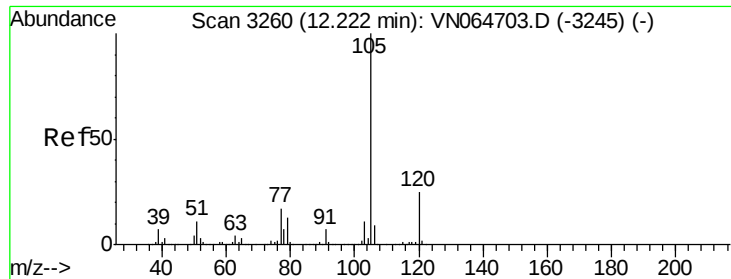
115 63.8 32.1 96.3

150 172.5 0.0 344.8



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

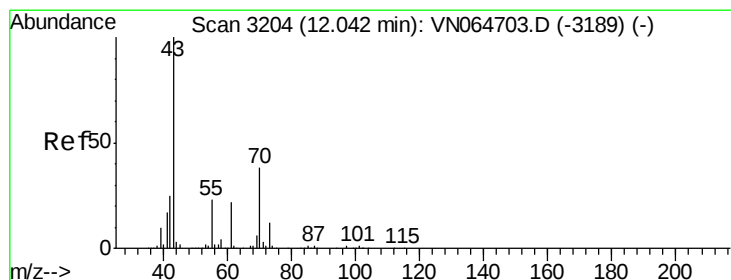
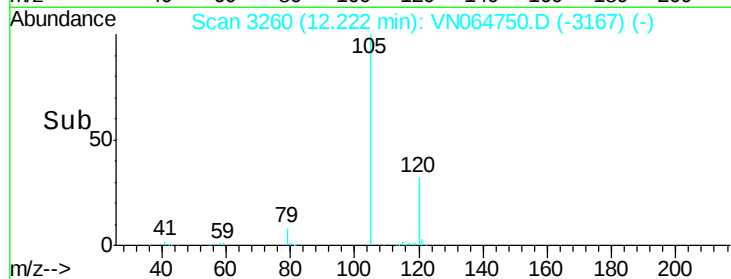
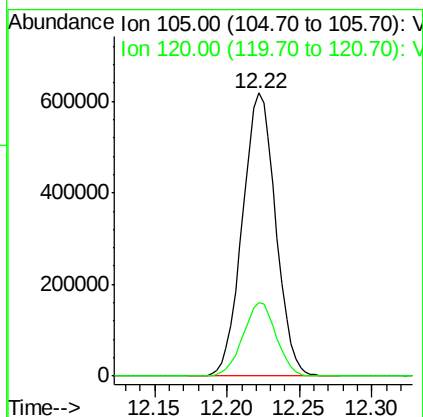
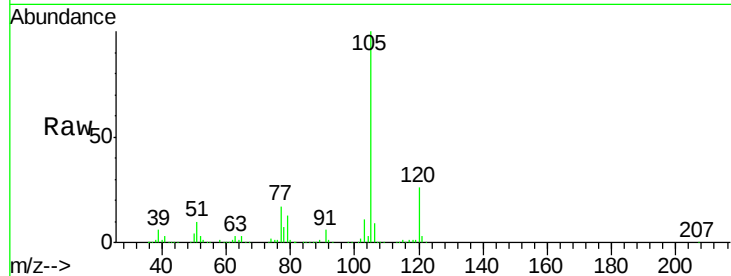




#73
Isopropylbenzene
Concen: 56.572 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

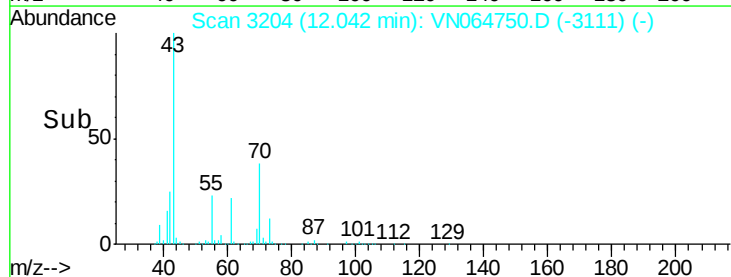
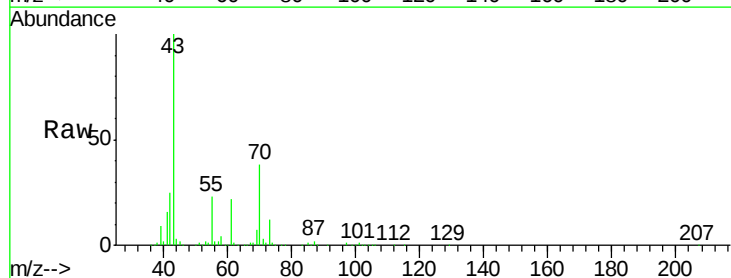
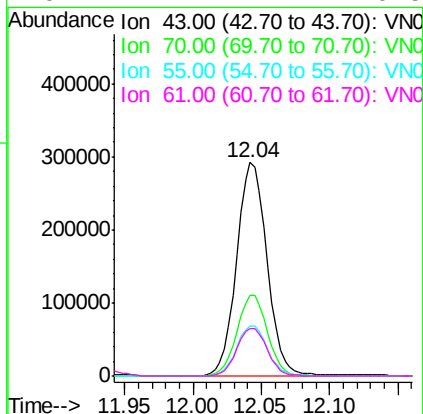
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

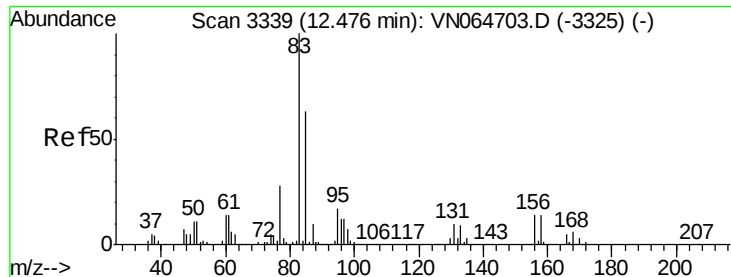
Tot Ion:105 Resp: 986088
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.3



#74
N-ethyl acetate
Concen: 55.286 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 43 Resp: 450047
Ion Ratio Lower Upper
43 100
70 38.0 30.3 45.5
55 24.2 18.9 28.3
61 22.7 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.019 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

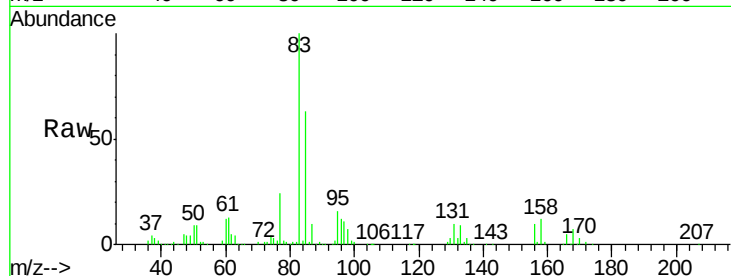
Tot Ion: 83 Resp: 273001

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

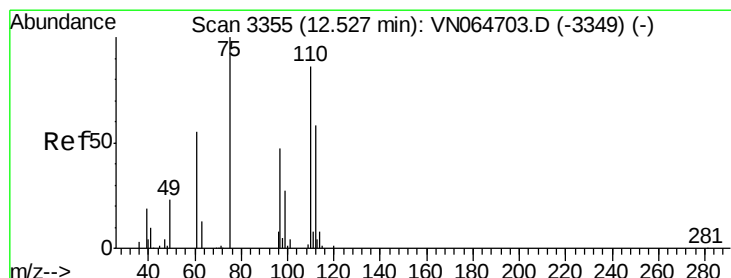
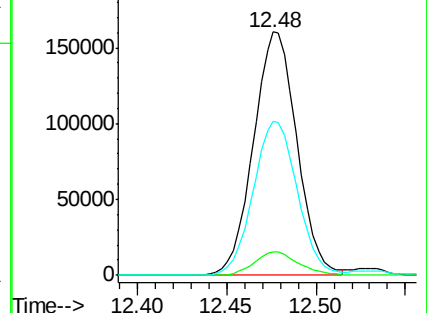
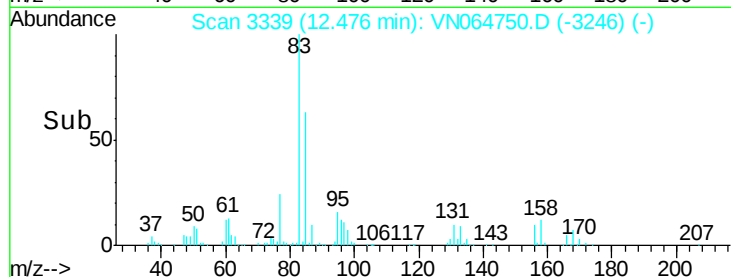
85 64.4 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN064750.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064750.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064750.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 80.668 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064750.D

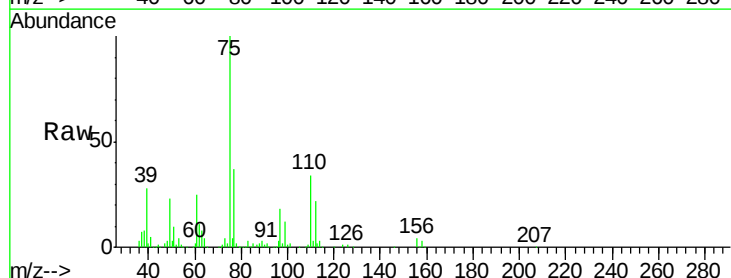
Acq: 19 Nov 2020 22:02

Tgt Ion: 75 Resp: 426717

Ion Ratio Lower Upper

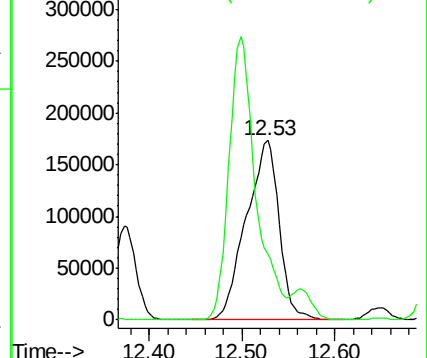
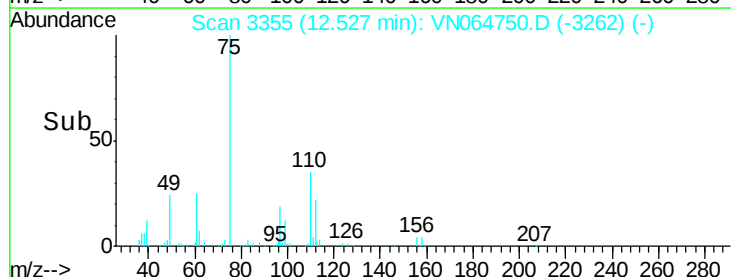
75 100

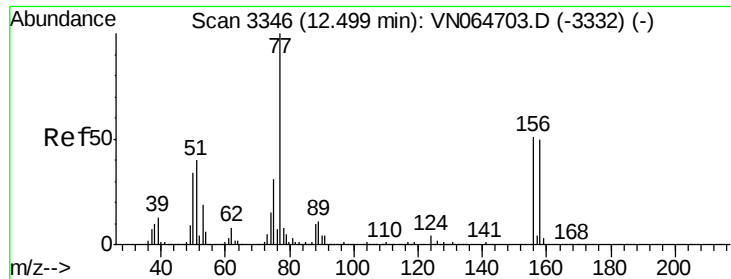
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064750.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064750.D (-3262) (-)





#77

Bromobenzene

Concen: 55.136 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

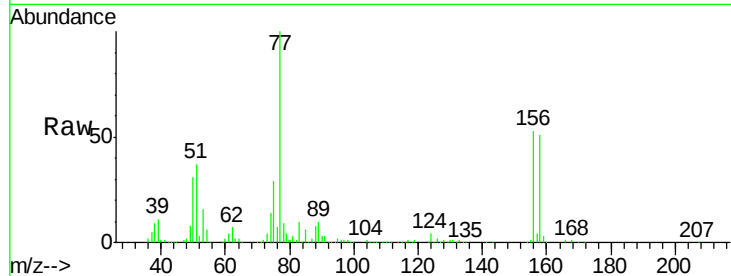
Tot Ion:156 Resp: 242397

Ion Ratio Lower Upper

156 100

77 227.6 117.3 351.9

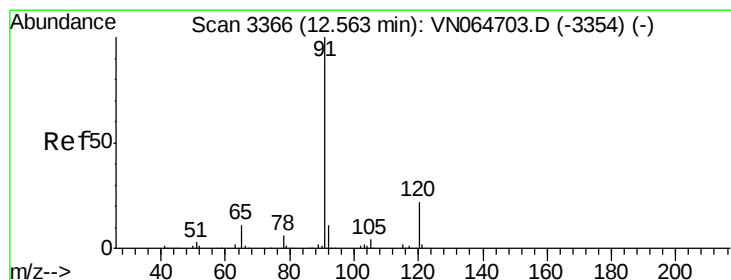
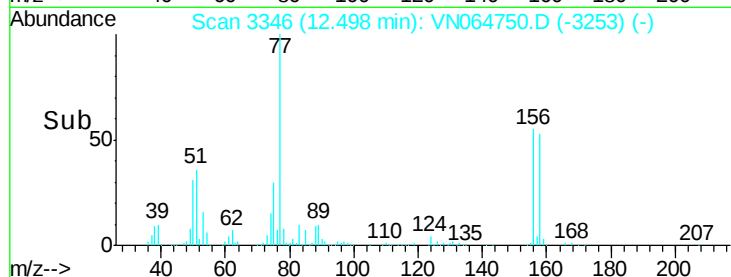
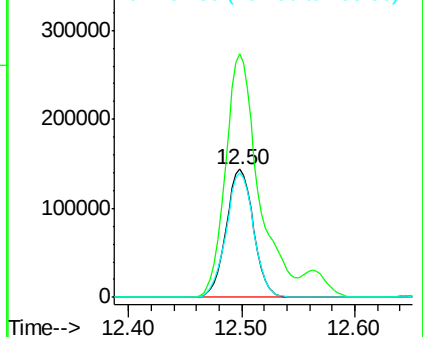
158 98.4 49.0 147.2



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: 57.219 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064750.D

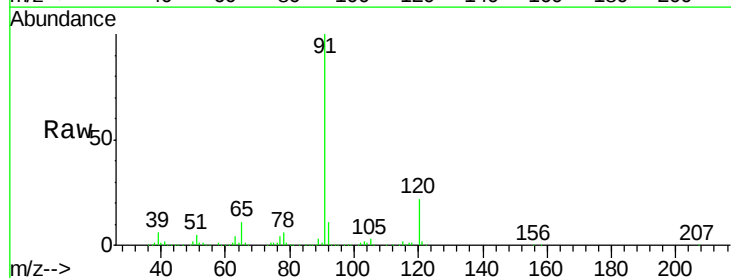
Acq: 19 Nov 2020 22:02

Tgt Ion: 91 Resp: 1161519

Ion Ratio Lower Upper

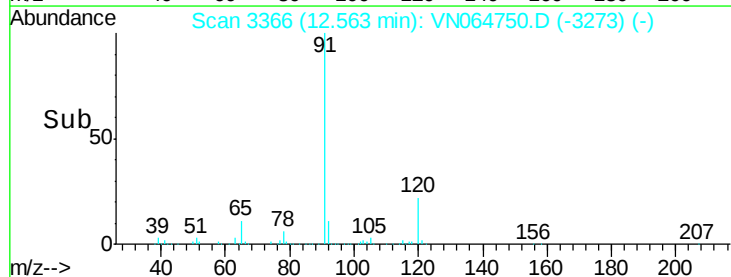
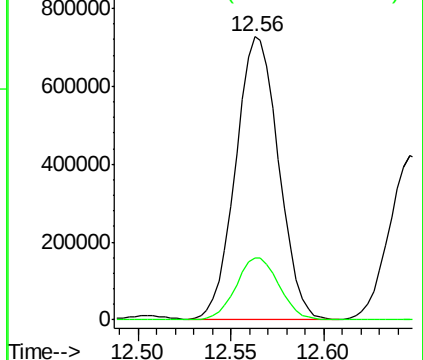
91 100

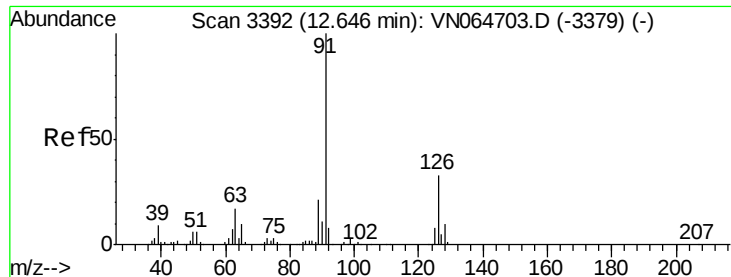
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

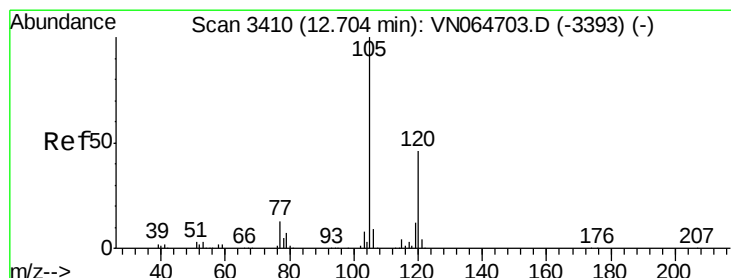
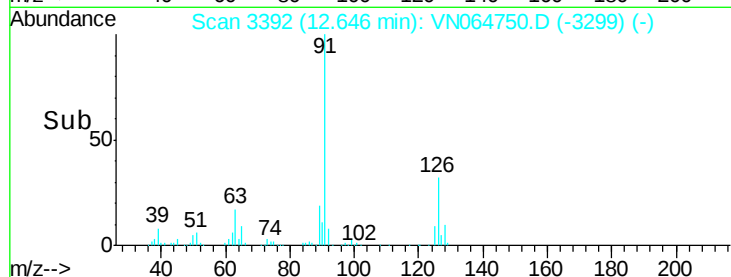
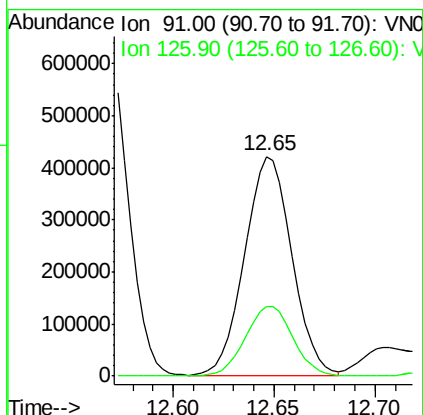
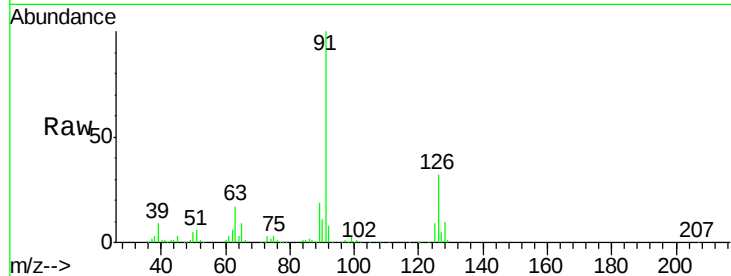




#79
 2-Chlorotoluene
 Concen: 52.969 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

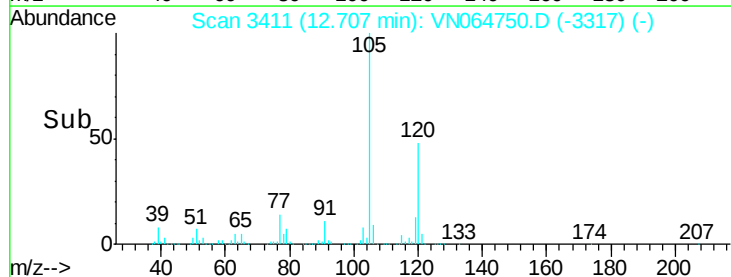
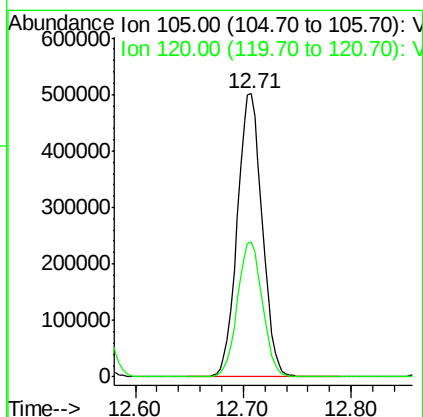
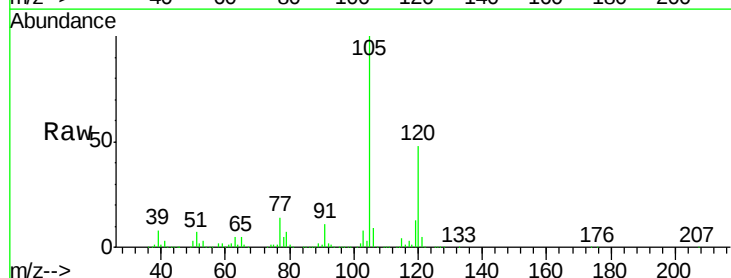
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

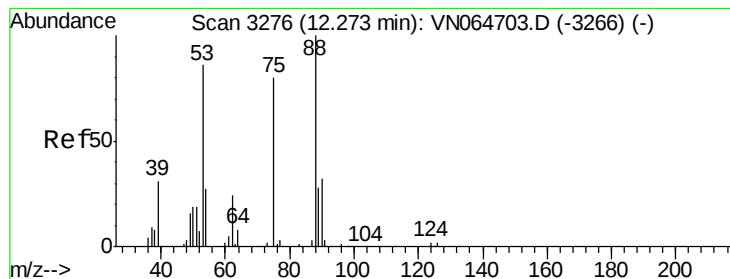
Tot Ion: 91 Resp: 688179
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.0 48.0



#80
 1,3,5-Trimethylbenzene
 Concen: 55.734 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion: 105 Resp: 807016
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.701 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

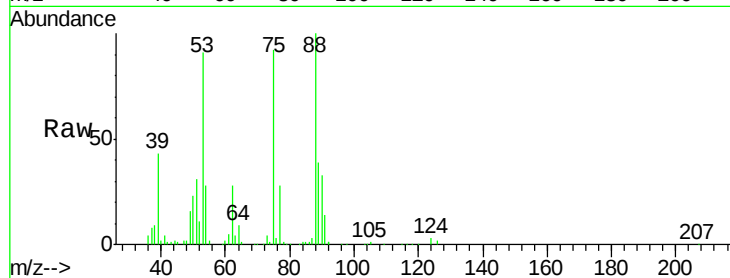
Tot Ion: 75 Resp: 104118

Ion Ratio Lower Upper

75 100

53 100.7 88.8 133.2

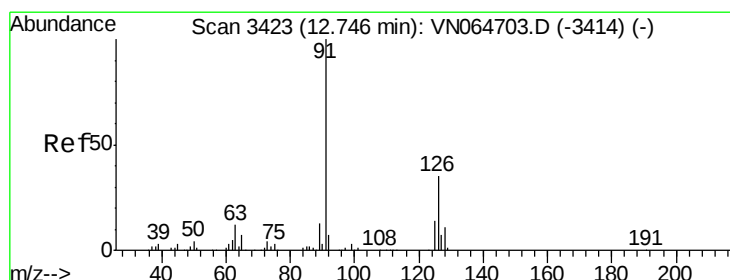
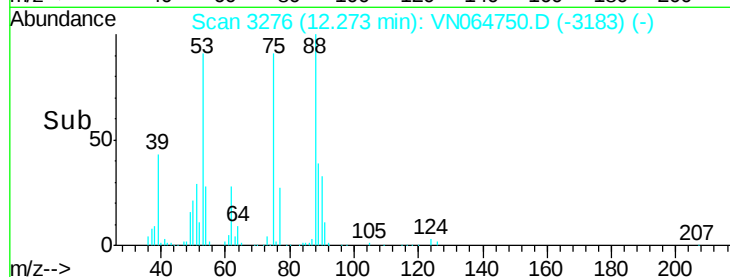
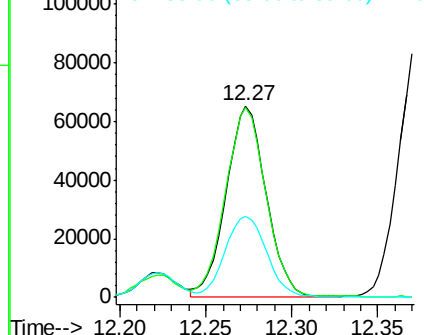
89 44.9 43.1 64.7



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: 51.603 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064750.D

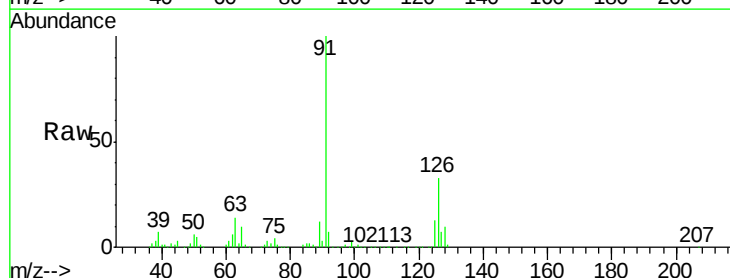
Acq: 19 Nov 2020 22:02

Tgt Ion: 91 Resp: 714888

Ion Ratio Lower Upper

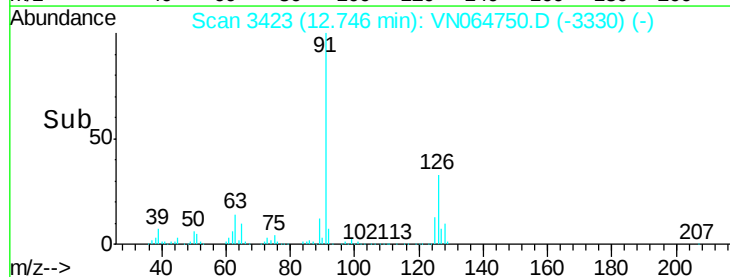
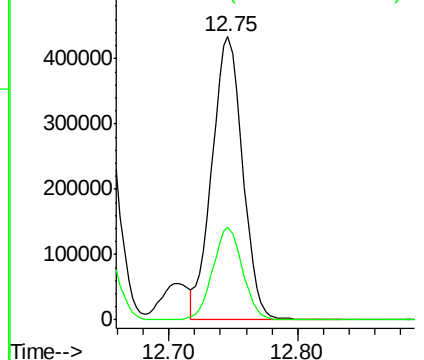
91 100

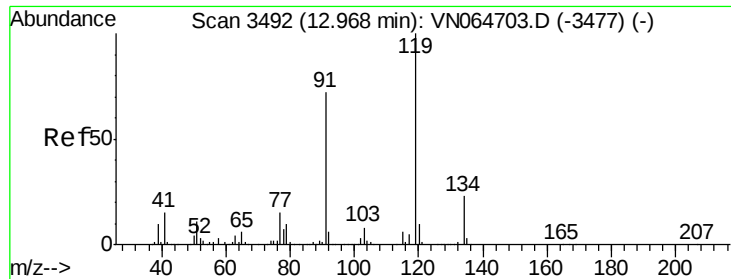
126 31.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

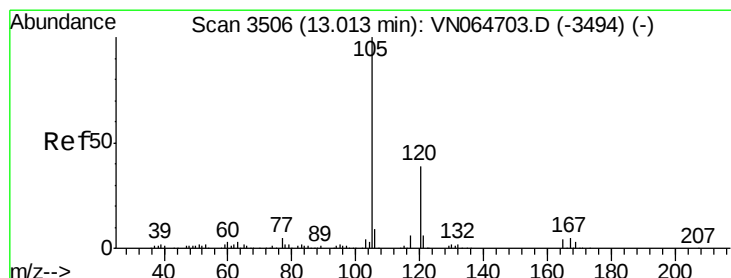
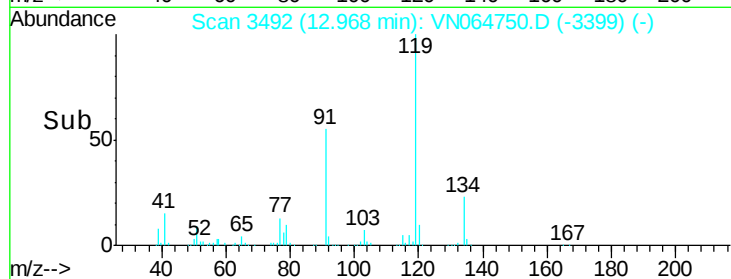
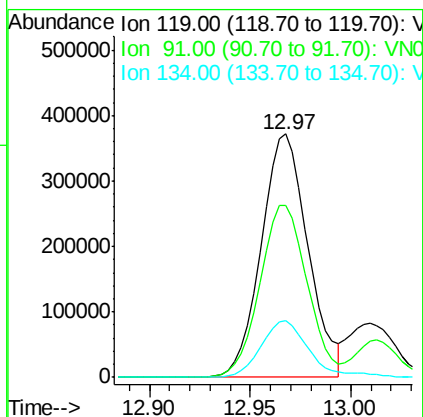
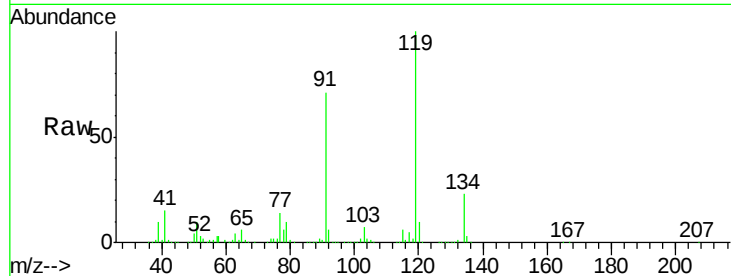




#83
 tert-Butylbenzene
 Concen: 53.623 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

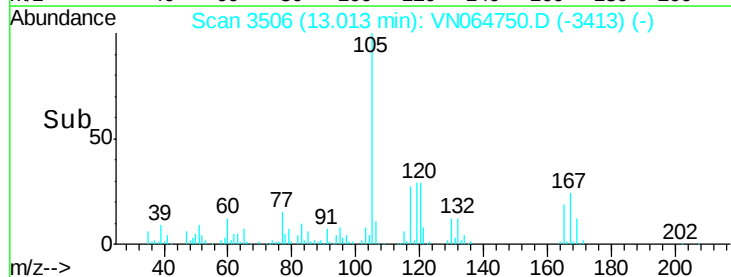
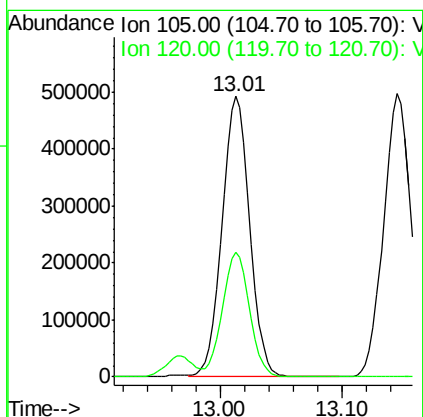
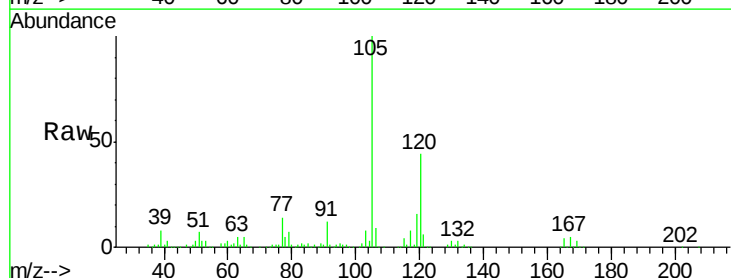
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

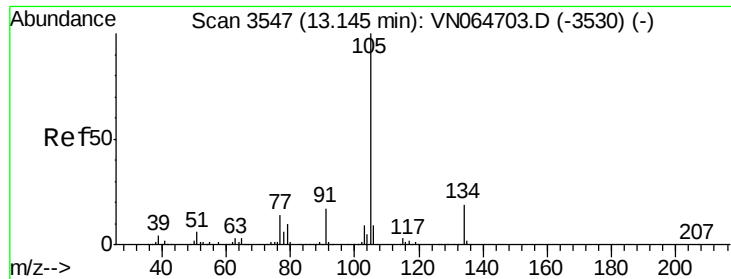
Tot Ion:119 Resp: 600665
 Ion Ratio Lower Upper
 119 100
 91 71.1 35.8 107.4
 134 24.2 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.901 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion:105 Resp: 781768
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.312 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

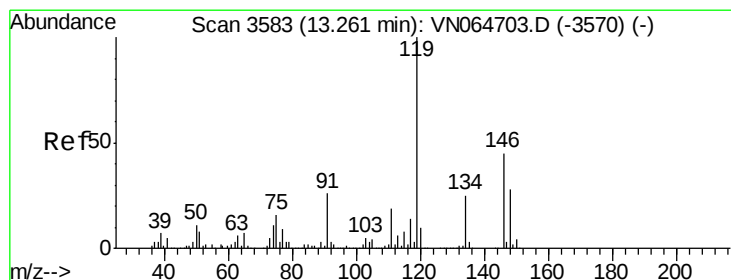
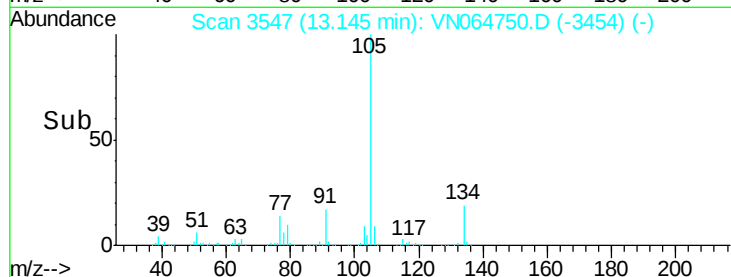
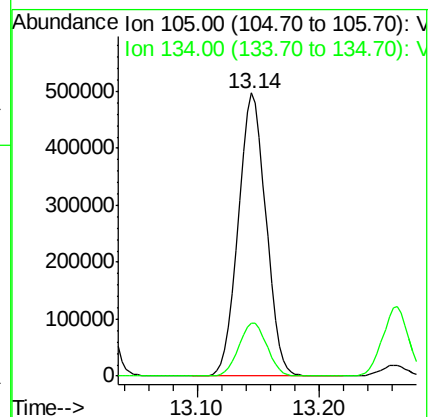
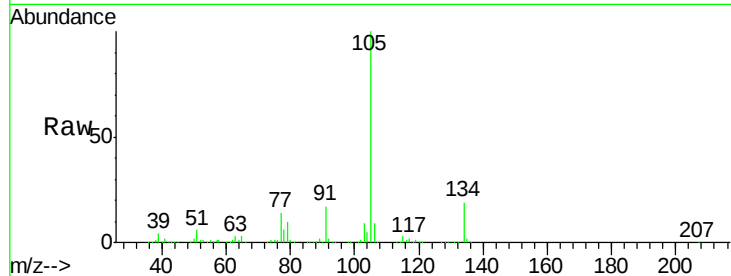
VSTDCCC050EC

Tot Ion:105 Resp: 781053

Ion Ratio Lower Upper

105 100

134 19.1 9.5 28.5



#86

p-Isopropyltoluene

Concen: 52.294 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

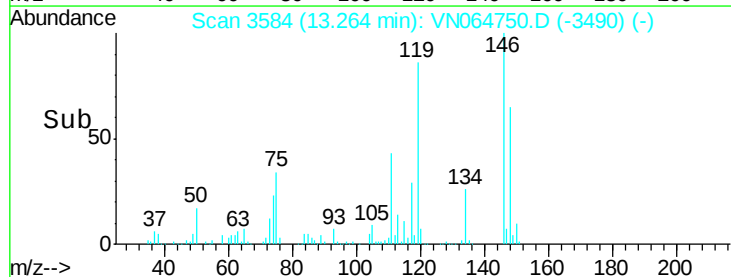
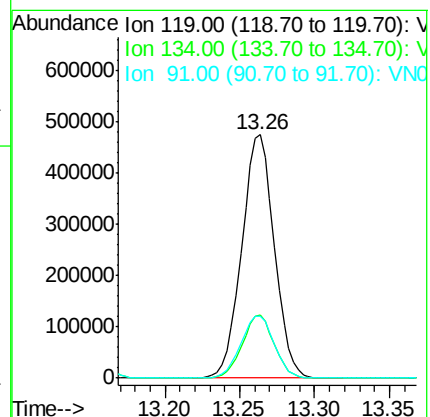
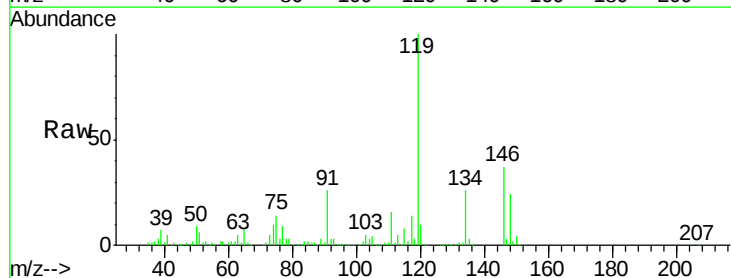
Tgt Ion:119 Resp: 718083

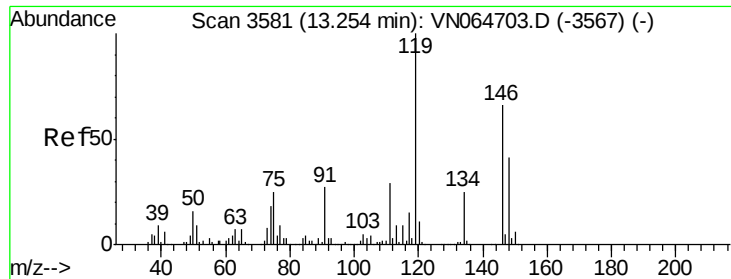
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 25.8 13.3 39.8

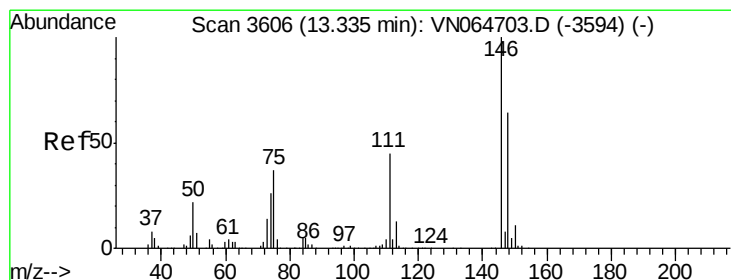
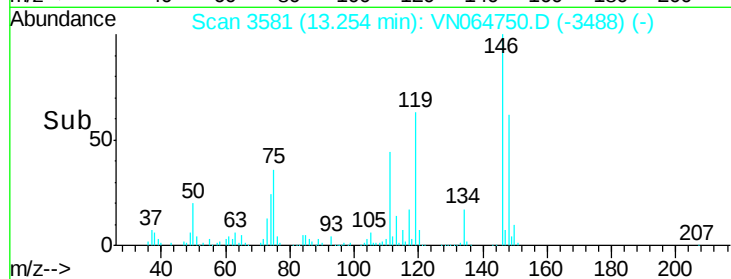
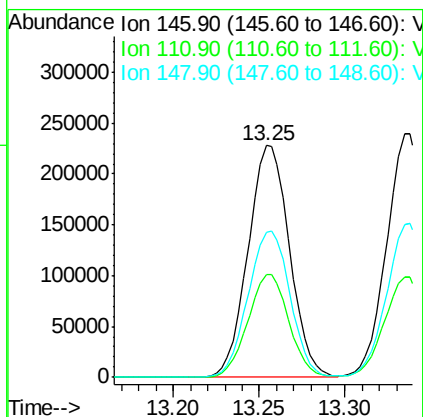
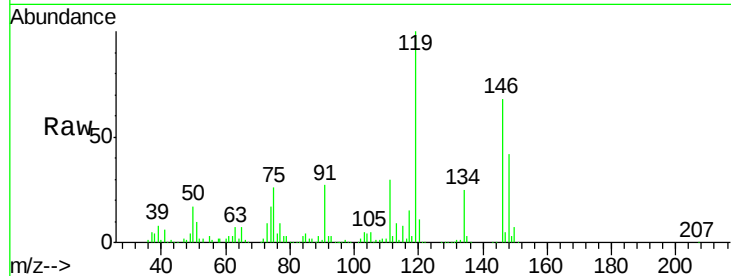




#87
 1,3-Dichlorobenzene
 Concen: 47.653 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

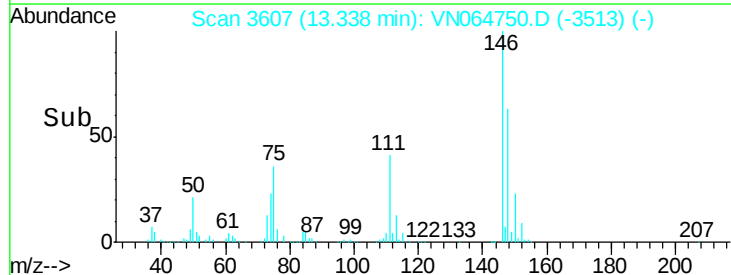
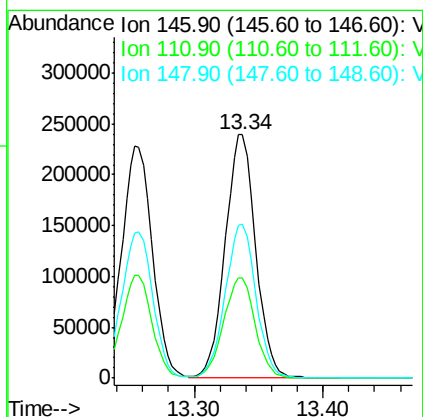
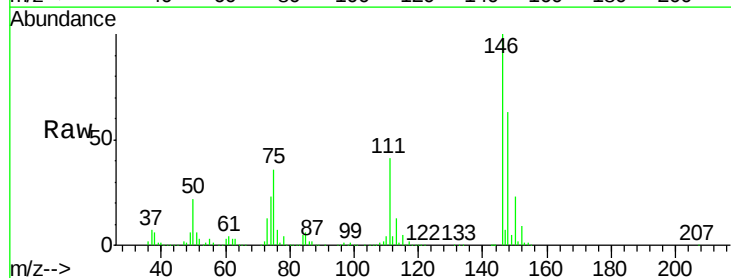
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

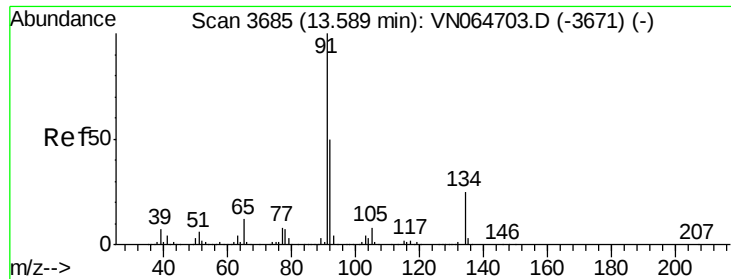
Tot Ion:146 Resp: 381713
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.4
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 47.628 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion:146 Resp: 391674
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.3 66.8
 148 63.7 31.6 94.7

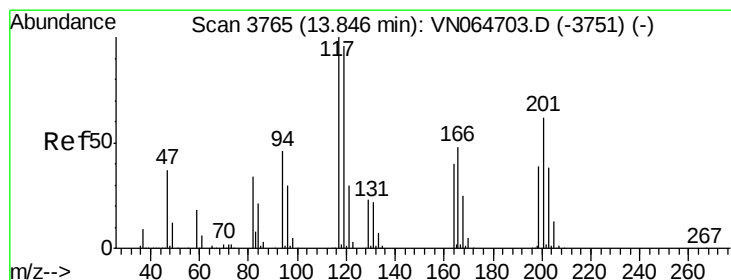
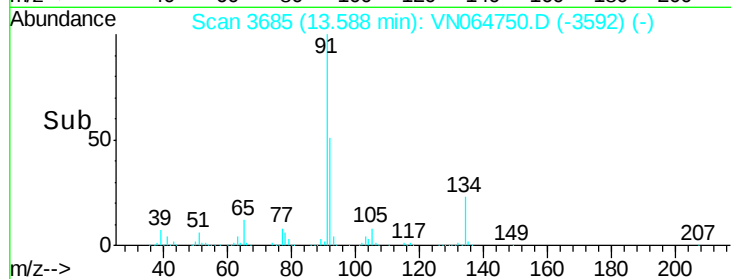
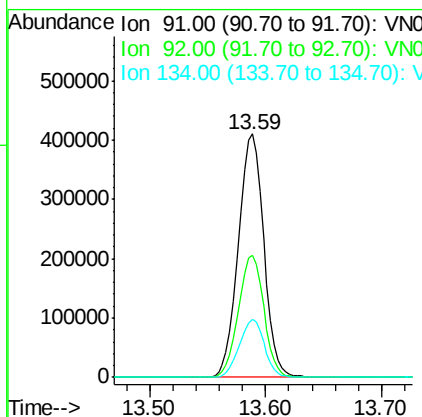
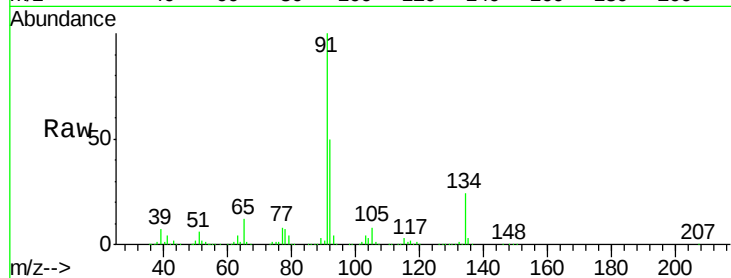




#89
n-Butylbenzene
Concen: 48.598 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

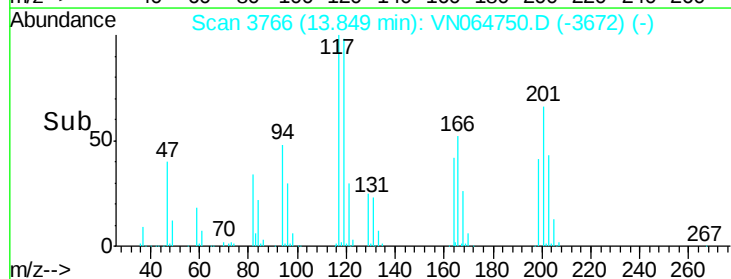
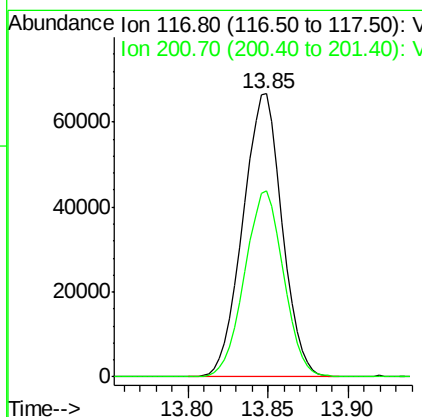
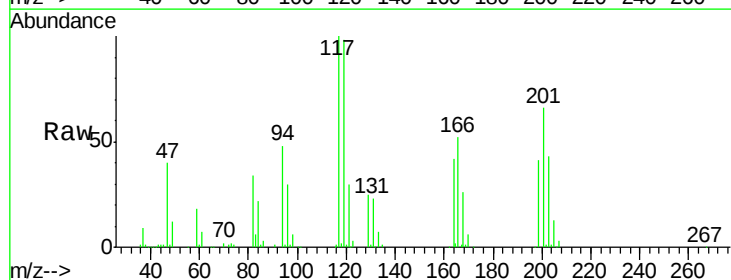
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

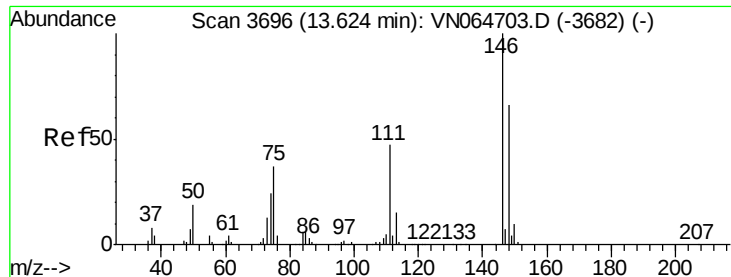
Tot Ion: 91 Resp: 622983
Ion Ratio Lower Upper
91 100
92 50.3 24.9 74.8
134 23.4 12.0 36.0



#90
Hexachloroethane
Concen: 49.214 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064750.D
Acq: 19 Nov 2020 22:02

Tgt Ion: 117 Resp: 111718
Ion Ratio Lower Upper
117 100
201 65.3 31.9 95.5

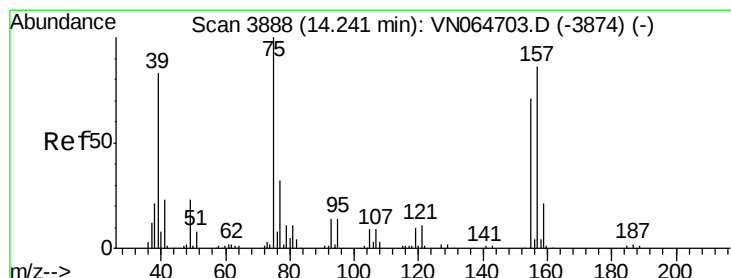
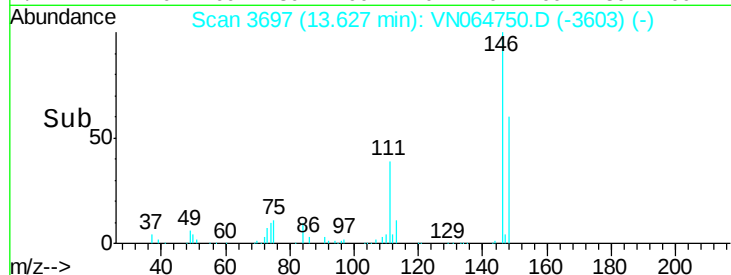
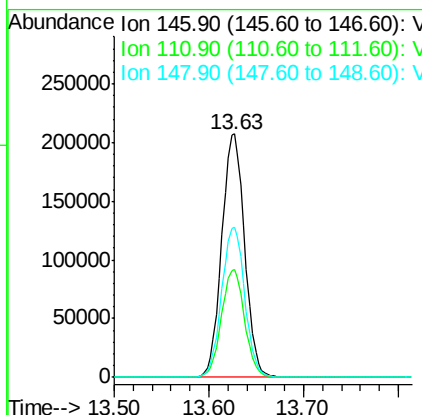
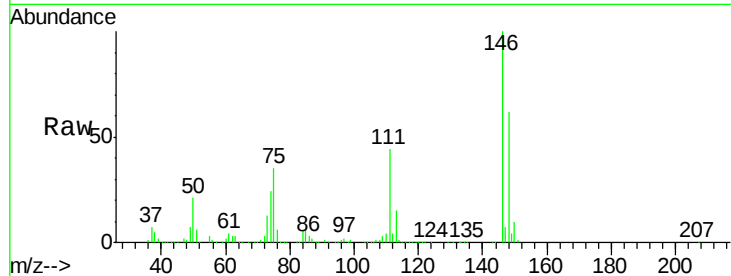




#91
 1,2-Dichlorobenzene
 Concen: 44.594 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

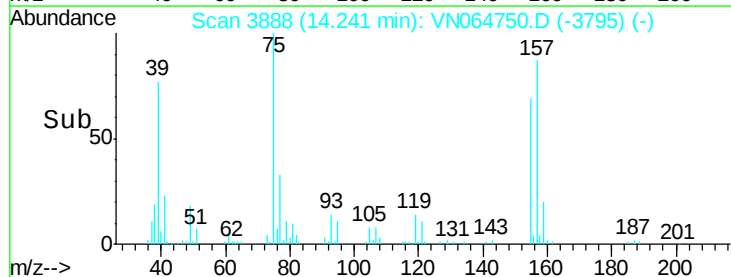
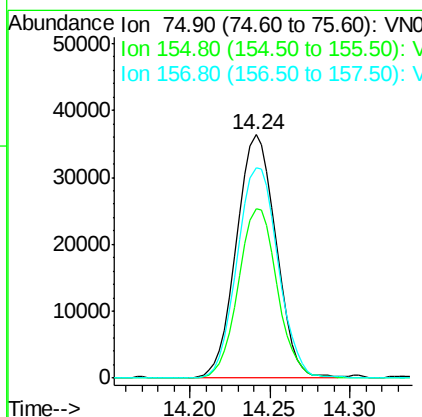
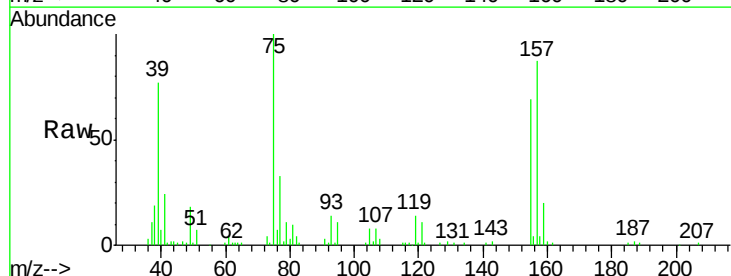
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

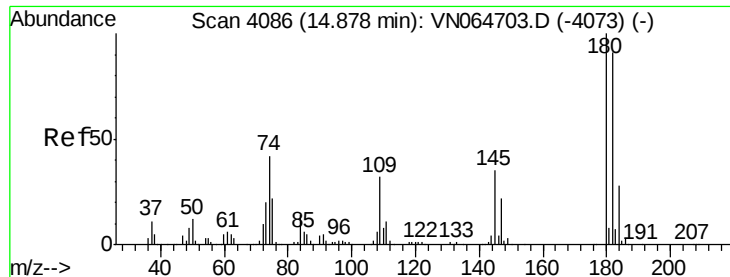
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	23.1	69.3
148	62.4	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.040 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.3	33.6	100.6
157	89.6	42.4	127.2

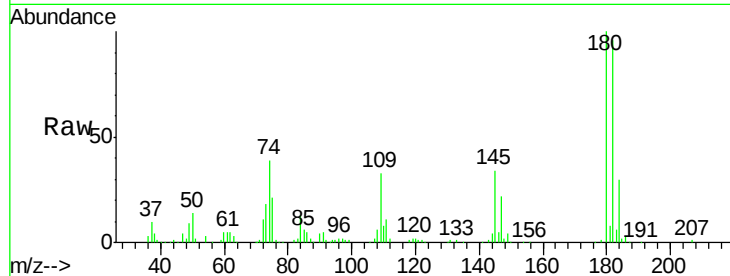




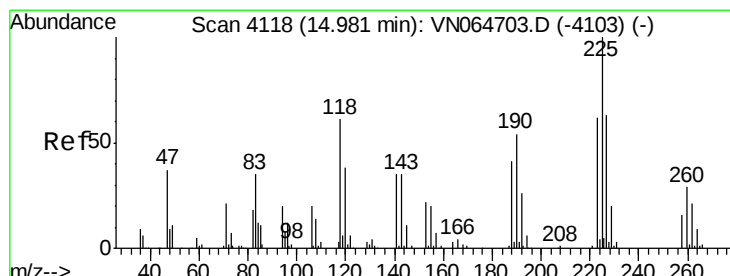
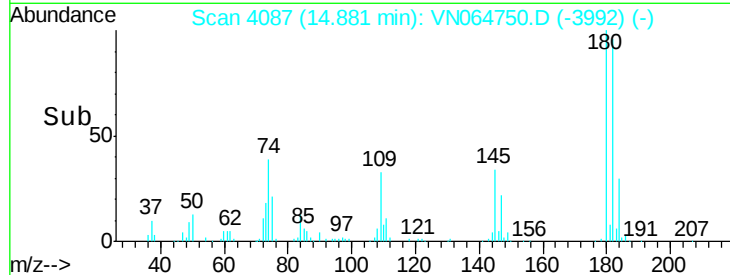
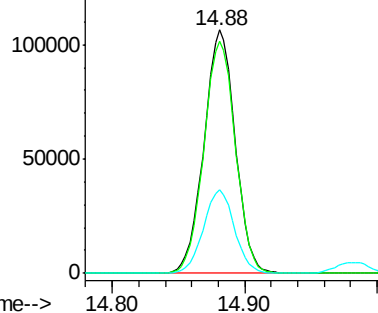
#93
 1,2,4-Trichlorobenzene
 Concen: 41.100 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.8
145	34.0	17.5	52.5

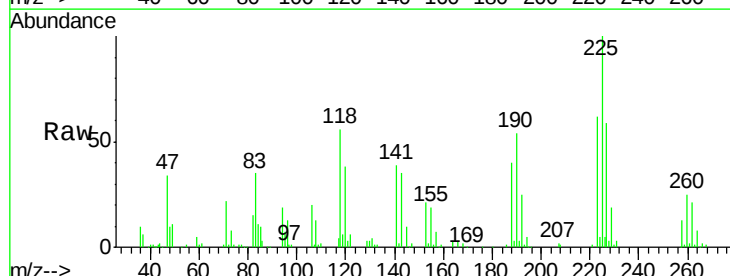


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

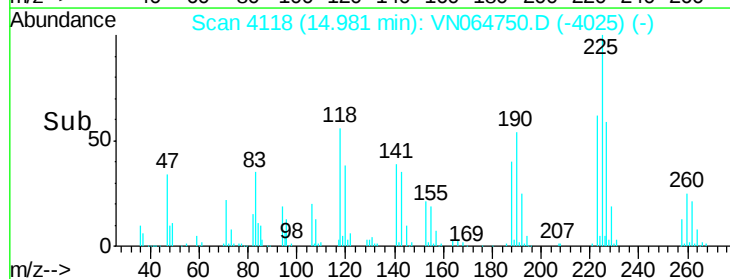
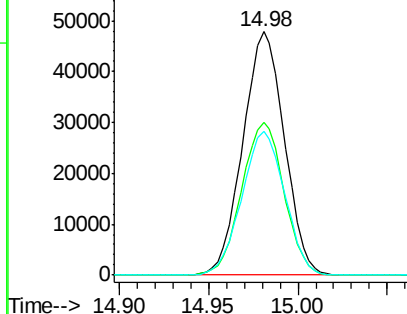


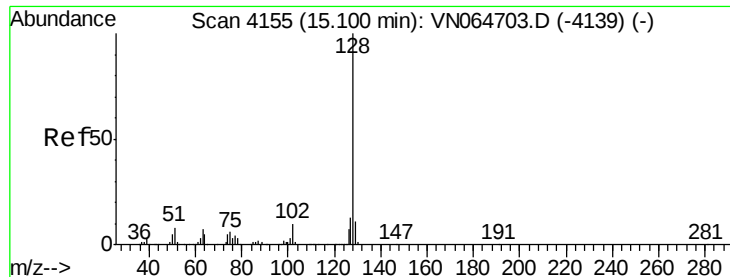
#94
 Hexachlorobutadiene
 Concen: 44.513 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064750.D
 Acq: 19 Nov 2020 22:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.2	93.6
227	61.0	32.1	96.3



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





#95

Naphthalene

Concen: 48.487 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

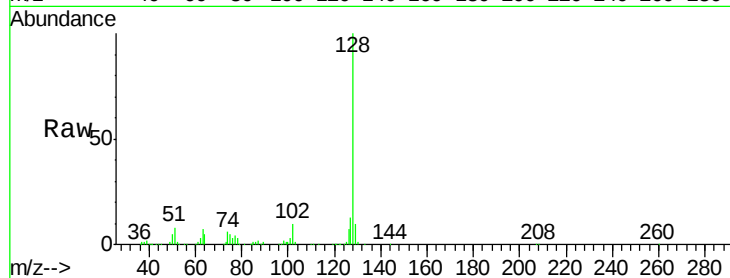
Tot Ion:128 Resp: 669067

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

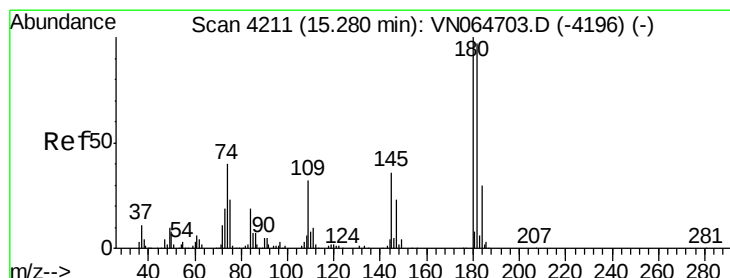
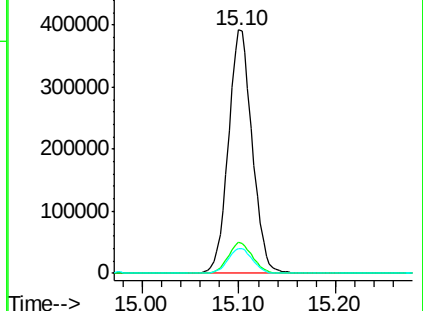
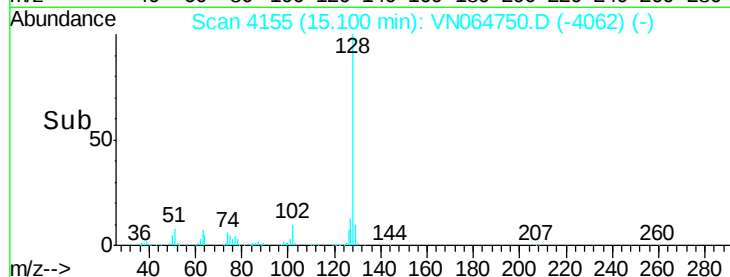
129 10.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.540 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064750.D

Acq: 19 Nov 2020 22:02

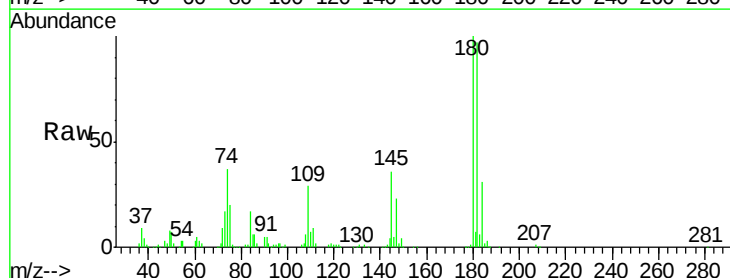
Tgt Ion:180 Resp: 202323

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 35.6 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

