

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064004.D
 Acq On : 8 Oct 2020 20:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 09 04:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	291292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221805	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	222270	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	7.55	113	157979	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	10.06	98	594251	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.38	95	223254	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	131246	42.701	ug/l	97
3) Chloromethane	2.04	50	177254	49.149	ug/l	97
4) Vinyl Chloride	2.16	62	169181	46.733	ug/l	99
5) Bromomethane	2.53	94	90836	39.891	ug/l	96
6) Chloroethane	2.67	64	107424	49.659	ug/l	99
7) Trichlorofluoromethane	2.98	101	272354	47.436	ug/l	98
8) Diethyl Ether	3.37	74	97844	50.389	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142084	46.300	ug/l	96
10) Methyl Iodide	3.91	142	165736	46.514	ug/l	98
11) Tert butyl alcohol	4.73	59	144914	272.754	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	139989	47.725	ug/l	98
13) Acrolein	3.57	56	103042	316.001	ug/l	99
14) Allyl chloride	4.28	41	262821	48.229	ug/l	98
15) Acrylonitrile	4.93	53	424661	279.233	ug/l	100
16) Acetone	3.77	43	384352	259.453	ug/l	99
17) Carbon Disulfide	4.01	76	363557	45.915	ug/l	100
18) Methyl Acetate	4.28	43	222017	57.722	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	554740	52.055	ug/l	99
20) Methylene Chloride	4.50	84	170179	50.154	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	155077	47.200	ug/l	98
22) Diisopropyl ether	5.90	45	629289	56.127	ug/l	97
23) Vinyl Acetate	5.84	43	2536805	273.144	ug/l	100
24) 1,1-Dichloroethane	5.80	63	322085	50.242	ug/l	99
25) 2-Butanone	6.78	43	596180	283.861	ug/l	98
26) 2,2-Dichloropropane	6.78	77	245485	41.816	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	186831	49.444	ug/l	99
28) Bromochloromethane	7.15	49	168297	53.117	ug/l	96
29) Tetrahydrofuran	7.16	42	405232	287.679	ug/l	96
30) Chloroform	7.33	83	333339	49.870	ug/l	96
31) Cyclohexane	7.61	56	259802	46.502	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	298073	49.440	ug/l	98
36) 1,1-Dichloropropene	7.75	75	233473	47.281	ug/l	100
37) Ethyl Acetate	6.88	43	260068	53.011	ug/l	99
38) Carbon Tetrachloride	7.73	117	251786	45.472	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064004.D
 Acq On : 8 Oct 2020 20:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Oct 09 04:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223964	45.481	ug/l	100
40) Benzene	8.00	78	695613	49.320	ug/l	99
41) Methacrylonitrile	7.12	41	117477	53.879	ug/l	95
42) 1,2-Dichloroethane	8.09	62	282409	46.908	ug/l	100
43) Isopropyl Acetate	8.13	43	433514	53.572	ug/l	99
44) Trichloroethene	8.80	130	173024	46.821	ug/l	100
45) 1,2-Dichloropropane	9.08	63	196186	51.505	ug/l	99
46) Dibromomethane	9.18	93	124502	47.381	ug/l	98
47) Bromodichloromethane	9.37	83	267621	49.417	ug/l	97
48) Methyl methacrylate	9.16	41	220153	55.065	ug/l	91
49) 1,4-Dioxane	9.17	88	59120	1040.463	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1329830	280.032	ug/l	99
52) Toluene	10.13	92	438785	50.297	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	286321	49.322	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	302323	49.797	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	176786	50.531	ug/l	99
56) Ethyl methacrylate	10.40	69	274542	55.361	ug/l	94
57) 1,3-Dichloropropane	10.68	76	301017	50.856	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	688333	259.487	ug/l	99
59) 2-Hexanone	10.72	43	951246	269.648	ug/l	99
60) Dibromochloromethane	10.87	129	201468	49.447	ug/l	100
61) 1,2-Dibromoethane	10.98	107	180239	50.363	ug/l	98
64) Tetrachloroethene	10.60	164	158574	44.443	ug/l	99
65) Chlorobenzene	11.41	112	462657	48.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	179323	49.443	ug/l	98
67) Ethyl Benzene	11.48	91	846931	49.199	ug/l	100
68) m/p-Xylenes	11.59	106	619965	96.631	ug/l	98
69) o-Xylene	11.92	106	297975	49.691	ug/l	100
70) Styrene	11.94	104	526118	51.686	ug/l	98
71) Bromoform	12.10	173	138643	49.982	ug/l #	99
73) Isopropylbenzene	12.22	105	802868	49.626	ug/l	99
74) N-amyl acetate	12.05	43	450455	59.467	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	254011	51.345	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	340236	69.586	ug/l #	100
77) Bromobenzene	12.50	156	203171	51.180	ug/l	96
78) n-propylbenzene	12.57	91	914644	48.578	ug/l	100
79) 2-Chlorotoluene	12.65	91	566998	48.965	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	678578	49.996	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	86867	51.169	ug/l	95
82) 4-Chlorotoluene	12.75	91	589398	49.031	ug/l	99
83) tert-Butylbenzene	12.97	119	550199	49.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	700945	51.726	ug/l	99
85) sec-Butylbenzene	13.15	105	711931	48.822	ug/l	100
86) p-Isopropyltoluene	13.26	119	640138	49.623	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	348792	48.566	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	352730	47.171	ug/l	99
89) n-Butylbenzene	13.59	91	546492	45.899	ug/l	99
90) Hexachloroethane	13.85	117	119637	47.860	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	348359	48.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55121	47.510	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064004.D
Acq On : 8 Oct 2020 20:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 09 04:07:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

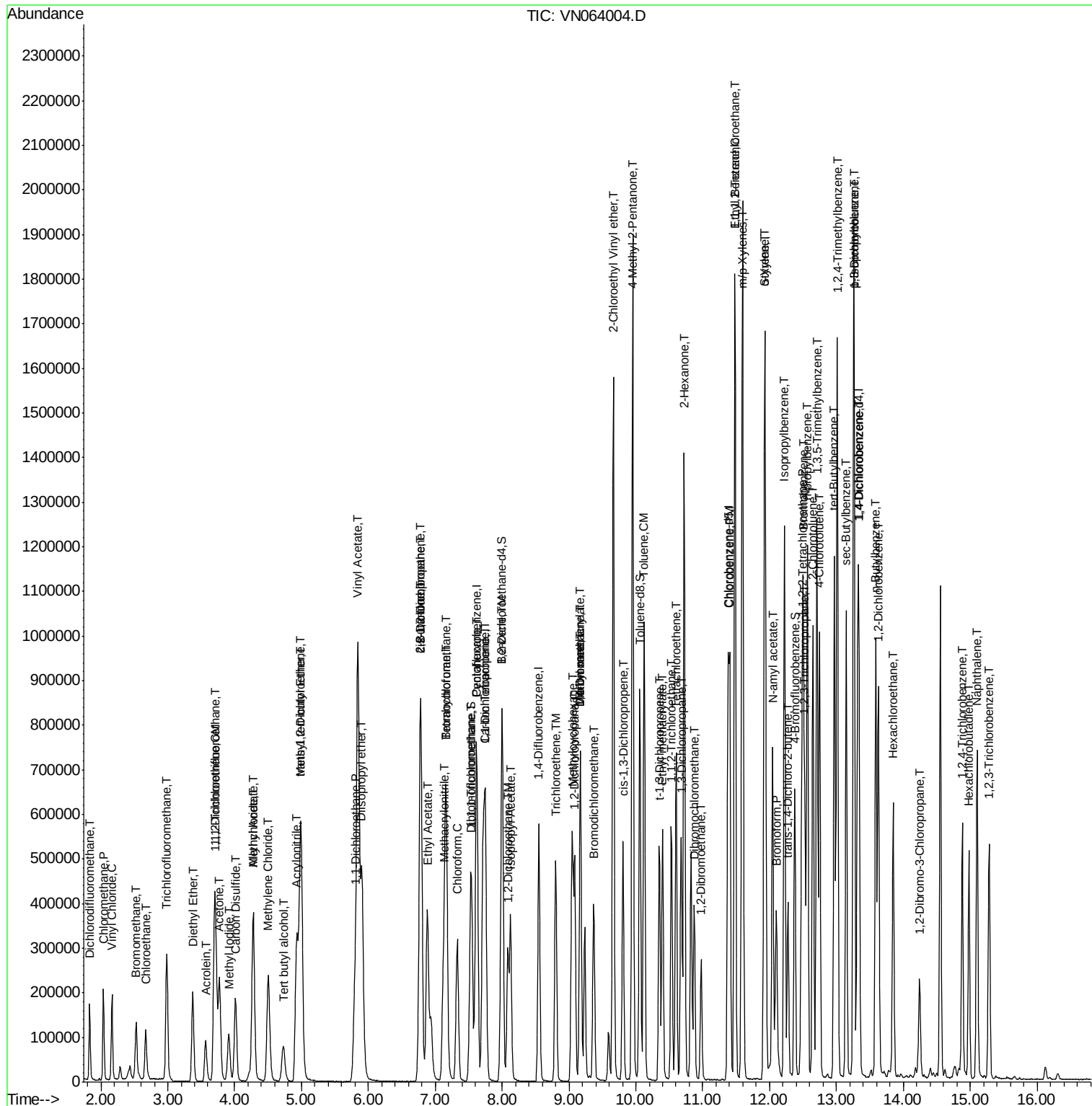
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	167271	43.479	ug/l	98
94) Hexachlorobutadiene	14.98	225	94060	48.770	ug/l	99
95) Naphthalene	15.10	128	602403	50.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	171561	45.865	ug/l	97

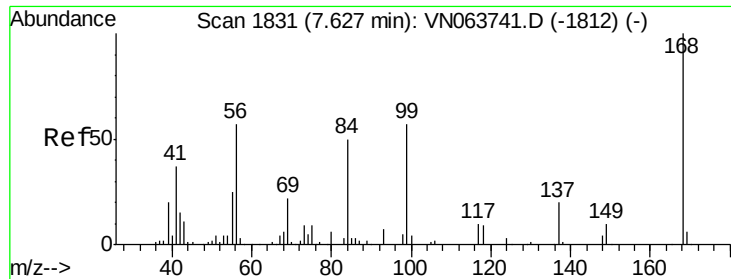
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064004.D
Acq On : 8 Oct 2020 20:29
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 09 04:07:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

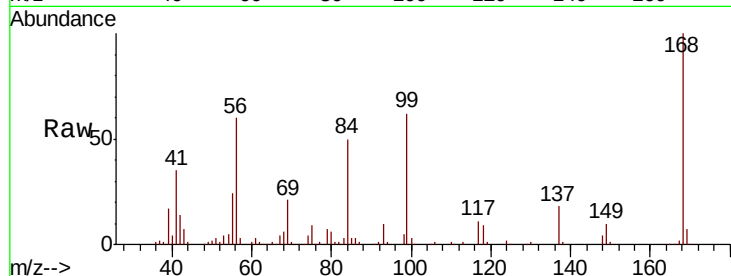
VSTDCCC050EC

Tot Ion:168 Resp: 291292

Ion Ratio Lower Upper

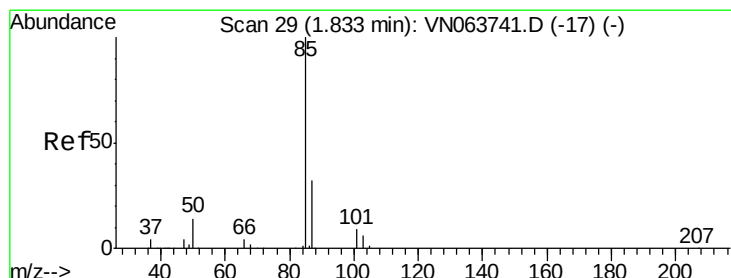
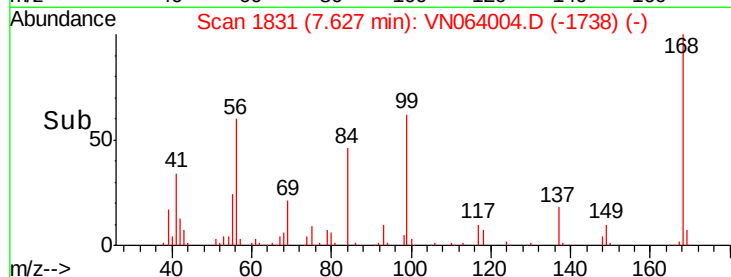
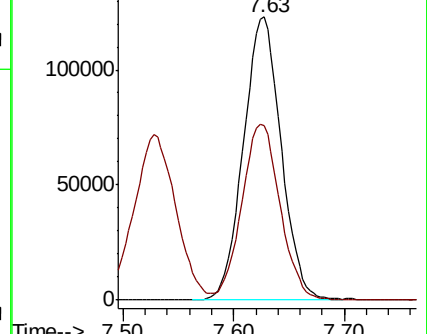
168 100

99 61.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 42.701 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064004.D

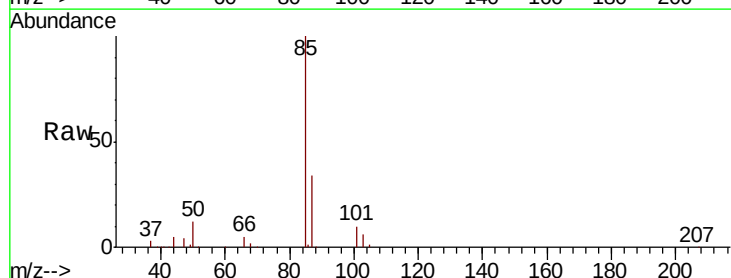
Acq: 8 Oct 2020 20:29

Tgt Ion: 85 Resp: 131246

Ion Ratio Lower Upper

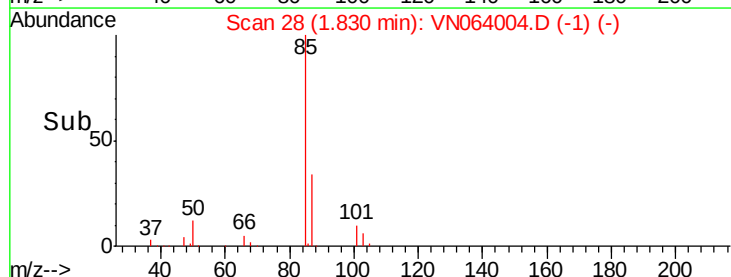
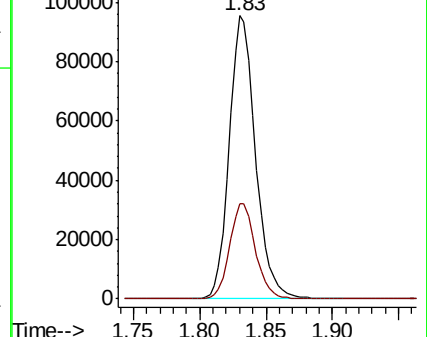
85 100

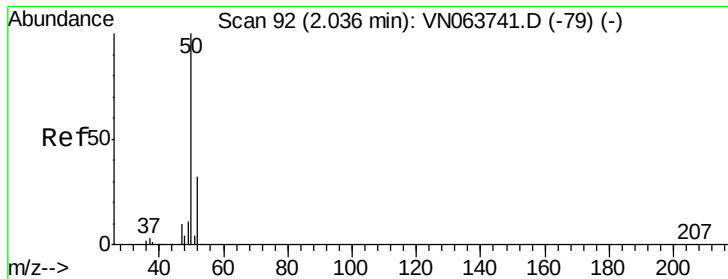
87 33.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 49.149 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

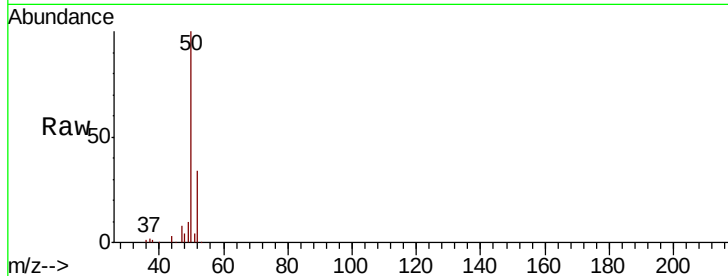
VSTDCCC050EC

Tot Ion: 50 Resp: 177254

Ion Ratio Lower Upper

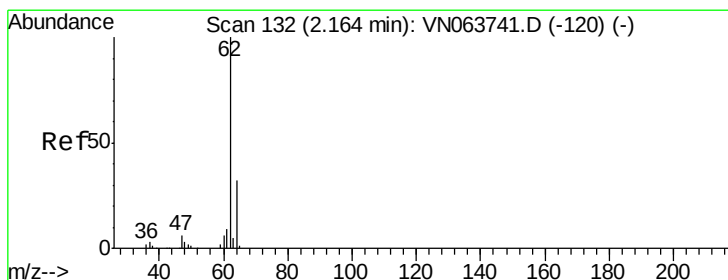
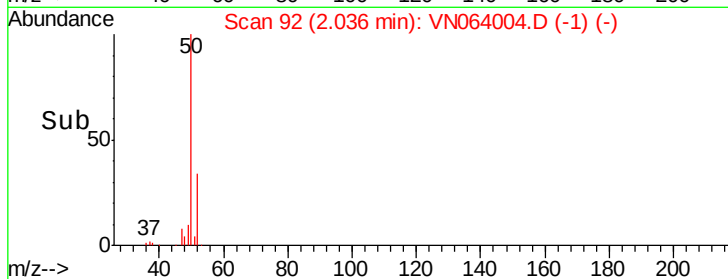
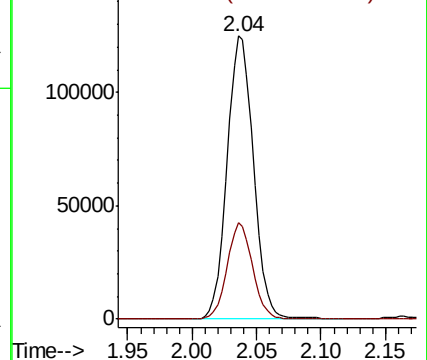
50 100

52 33.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.733 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064004.D

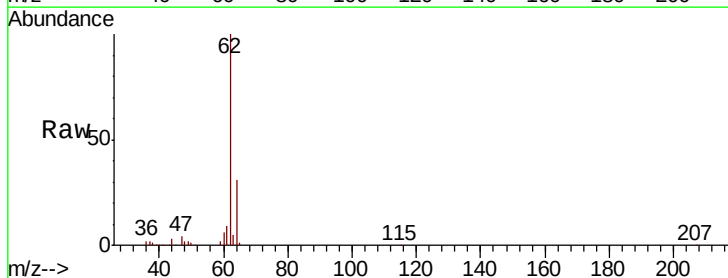
Acq: 8 Oct 2020 20:29

Tgt Ion: 62 Resp: 169181

Ion Ratio Lower Upper

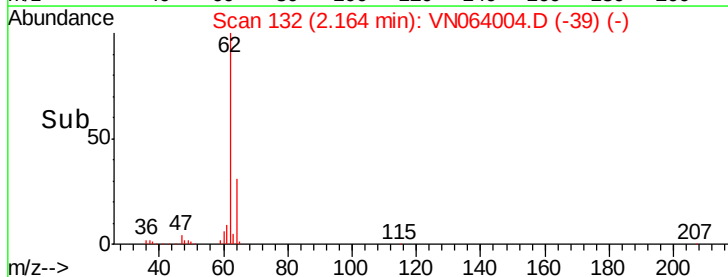
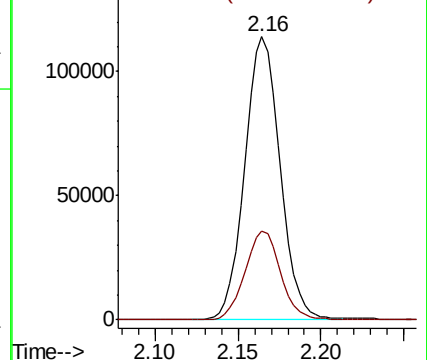
62 100

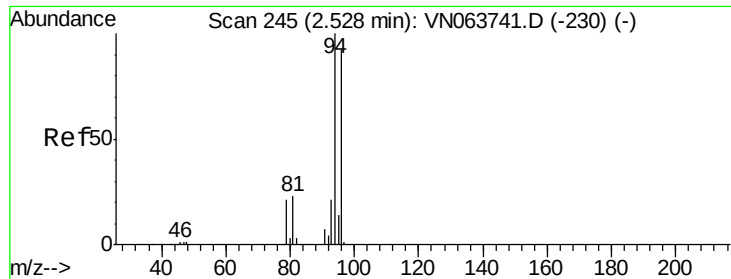
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 39.891 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

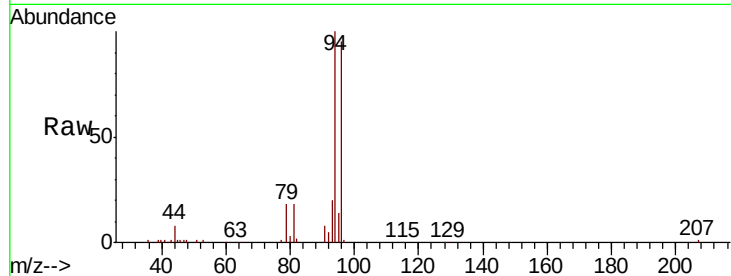
VSTDCCC050EC

Tot Ion: 94 Resp: 90836

Ion Ratio Lower Upper

94 100

96 95.1 73.3 109.9

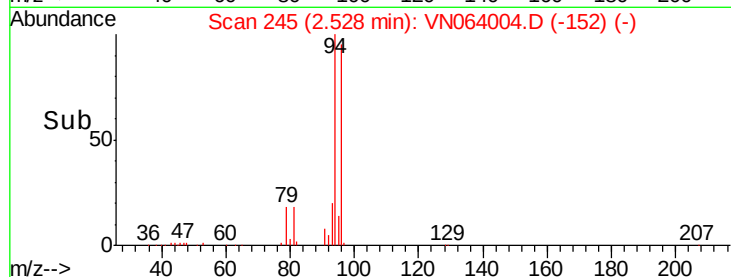


Abundance Ion 93.90 (93.60 to 94.60): VN063741.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN063741.D (-230) (-)

2.53

Time-->

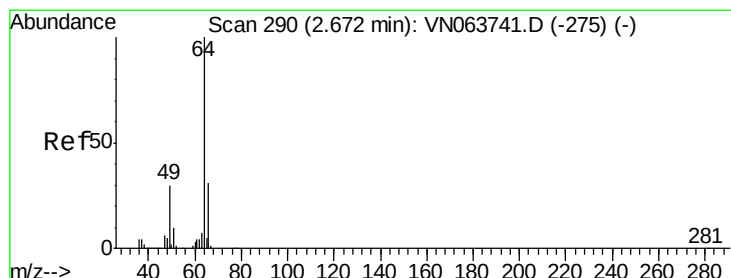


Abundance Ion 93.90 (93.60 to 94.60): VN064004.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064004.D (-152) (-)

2.53

Time-->



#6

Chloroethane

Concen: 49.659 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064004.D

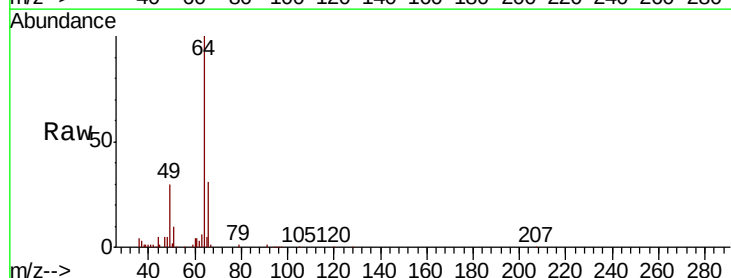
Acq: 8 Oct 2020 20:29

Tgt Ion: 64 Resp: 107424

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7

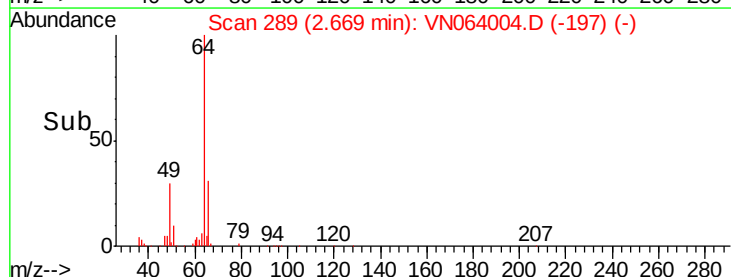


Abundance Ion 63.90 (63.60 to 64.60): VN063741.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063741.D (-275) (-)

2.67

Time-->

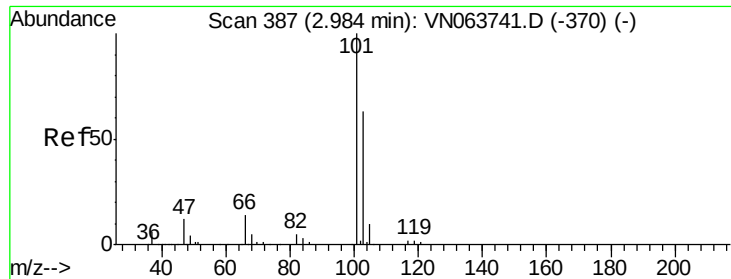


Abundance Ion 63.90 (63.60 to 64.60): VN064004.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064004.D (-197) (-)

2.67

Time-->

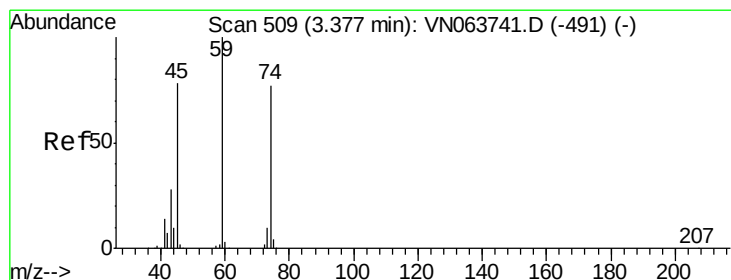
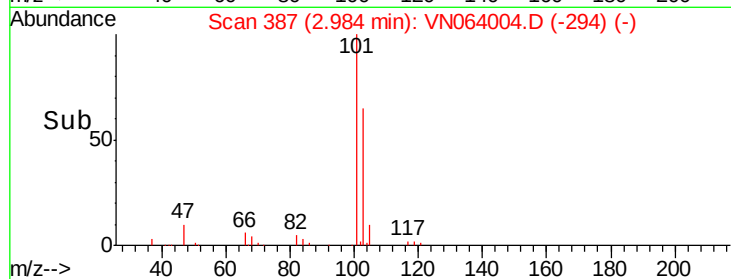
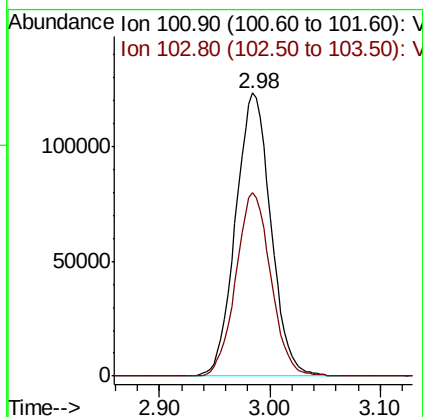
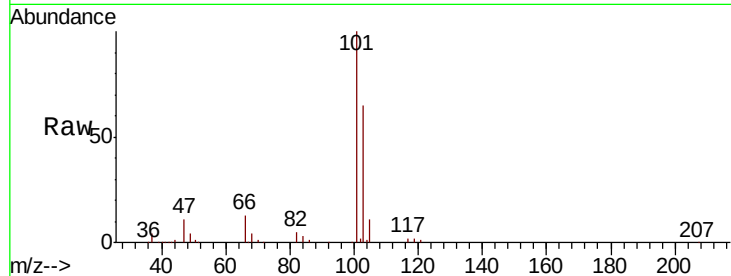


#7

Trichlorofluoromethane
 Concen: 47.436 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

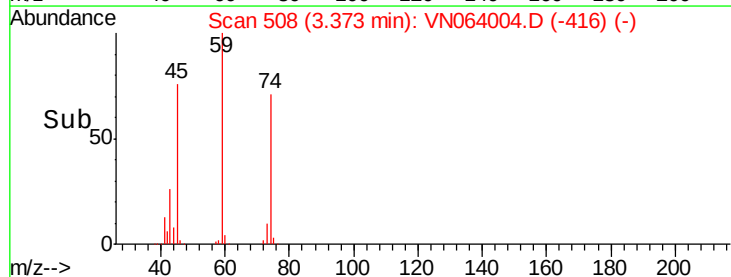
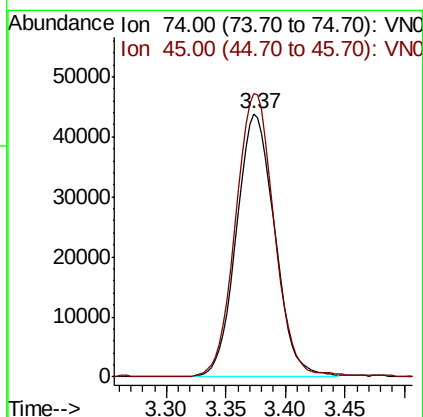
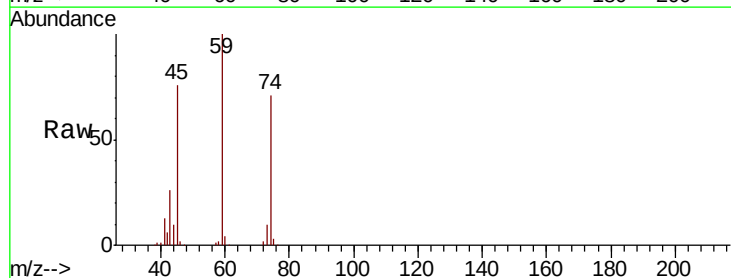
Tot Ion:101 Resp: 272354
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1

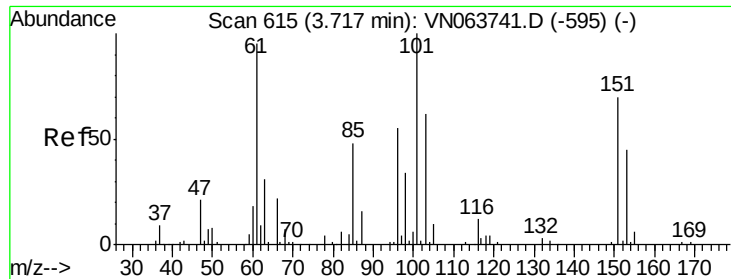


#8

Diethyl Ether
 Concen: 50.389 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 74 Resp: 97844
 Ion Ratio Lower Upper
 74 100
 45 108.6 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.300 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

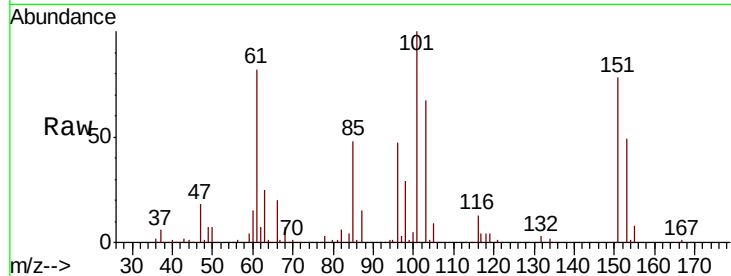
Tot Ion:101 Resp: 142084

Ion Ratio Lower Upper

101 100

85 47.0 38.6 58.0

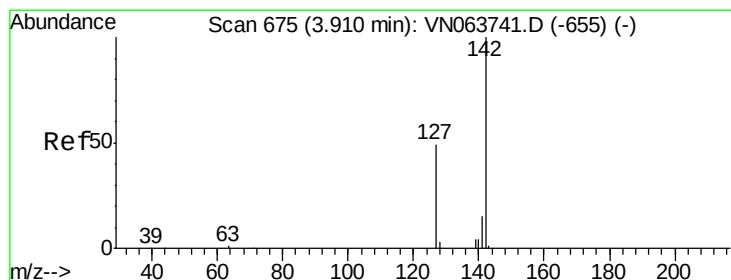
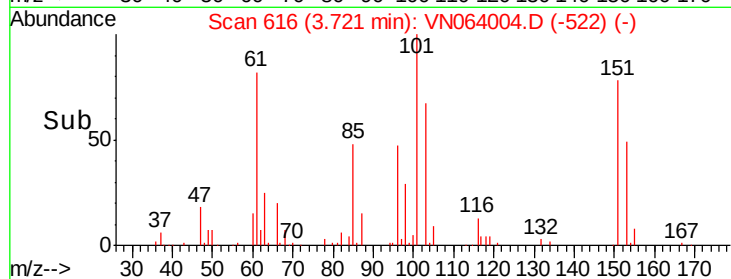
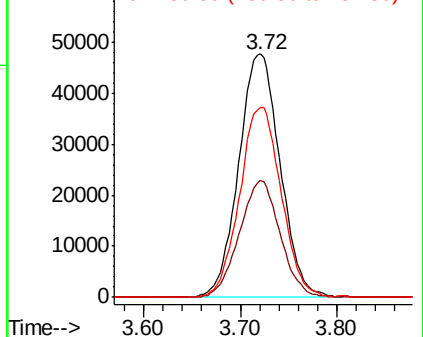
151 78.2 58.7 88.1



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: 46.514 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

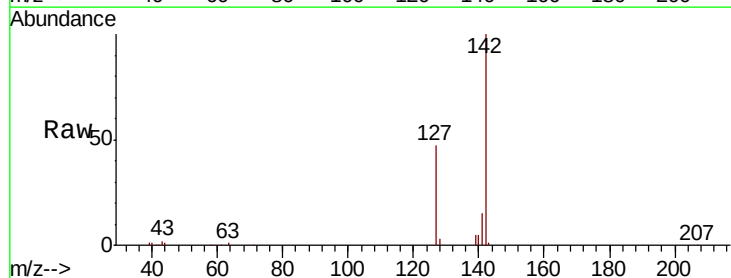
Tgt Ion:142 Resp: 165736

Ion Ratio Lower Upper

142 100

127 48.6 40.5 60.7

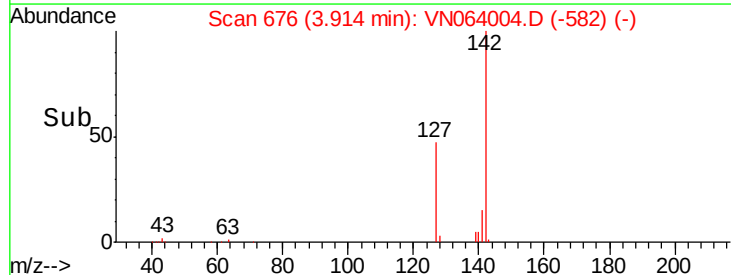
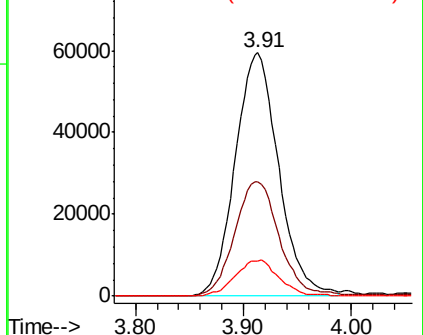
141 15.0 11.7 17.5

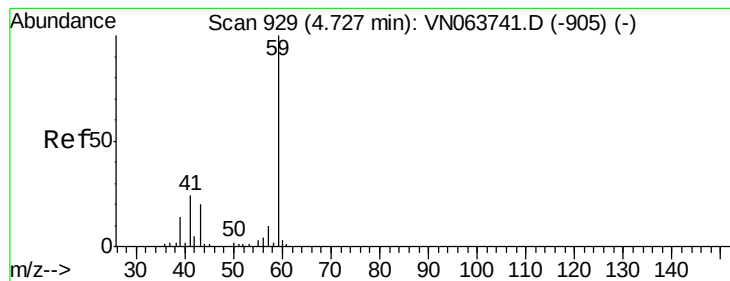


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



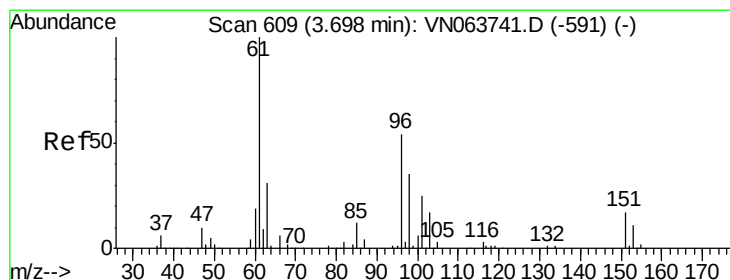
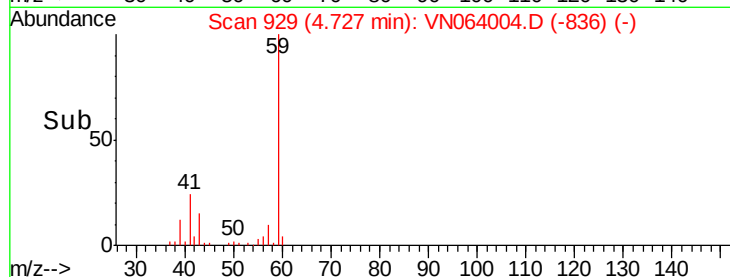
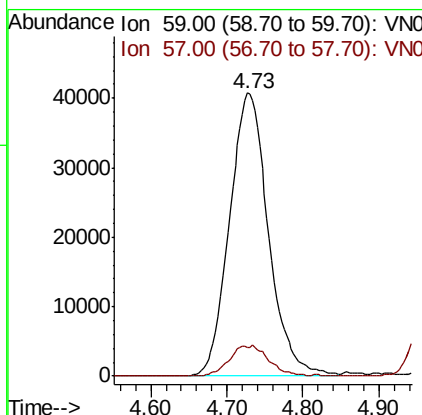
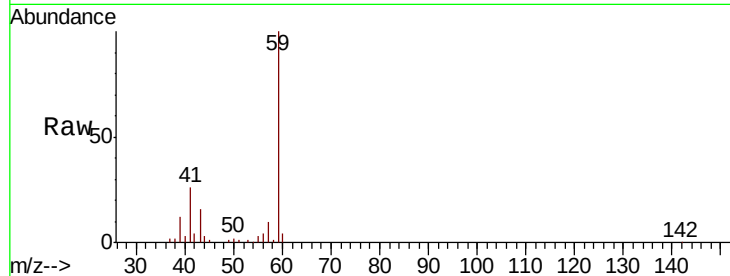


#11

Tert butyl alcohol
 Concen: 272.754 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

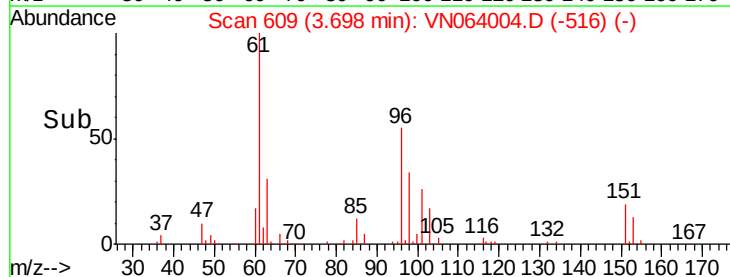
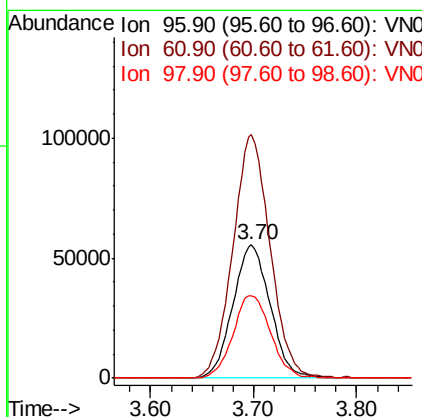
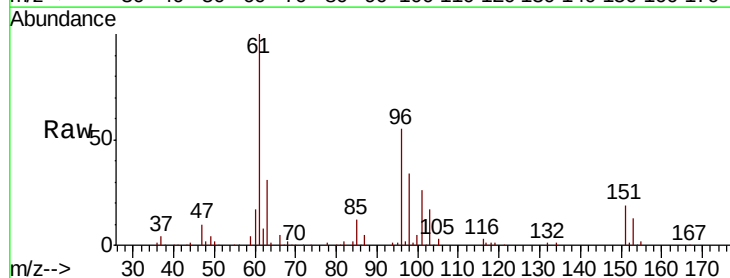
Tot Ion: 59 Resp: 144914
 Ion Ratio Lower Upper
 59 100
 57 5.3 8.7 13.1#

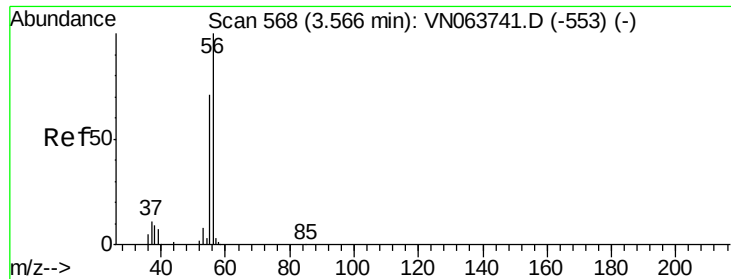


#12

1,1-Dichloroethene
 Concen: 47.725 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 96 Resp: 139989
 Ion Ratio Lower Upper
 96 100
 61 182.7 147.7 221.5
 98 62.4 51.9 77.9

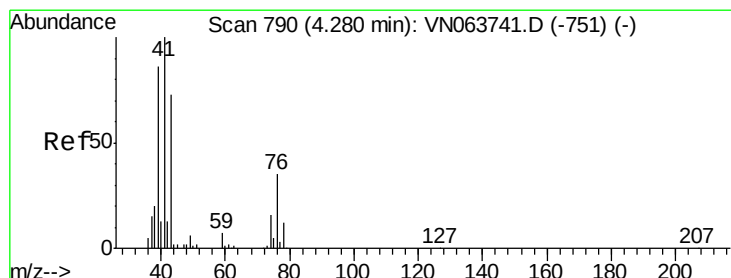
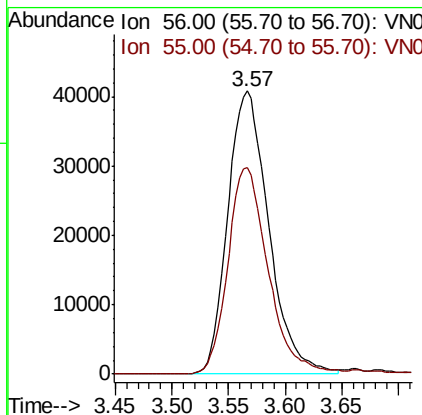
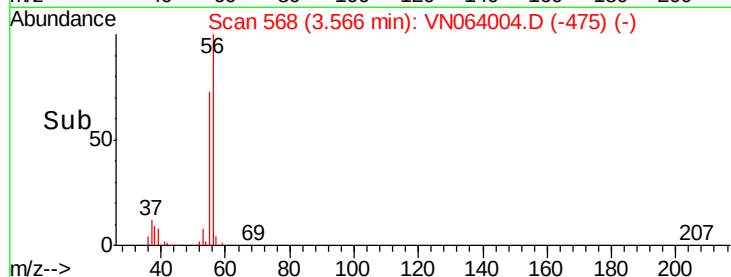
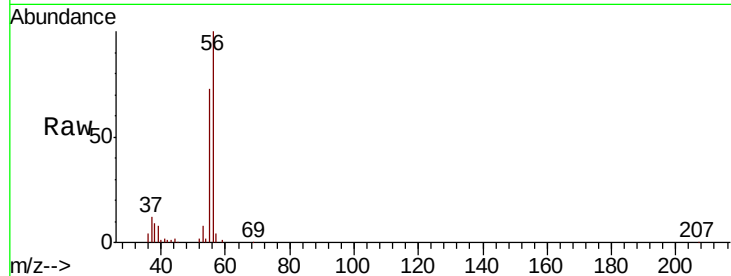




#13
 Acrolein
 Concen: 316.001 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

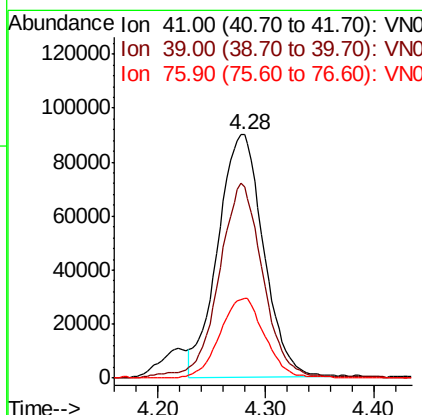
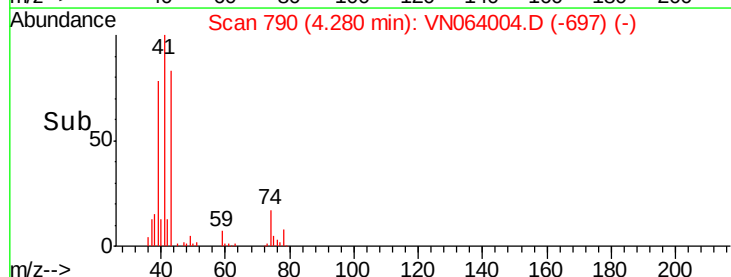
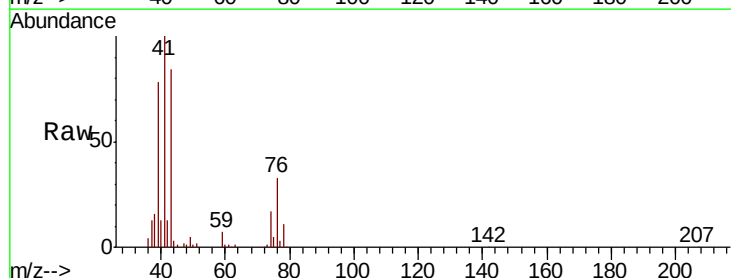
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

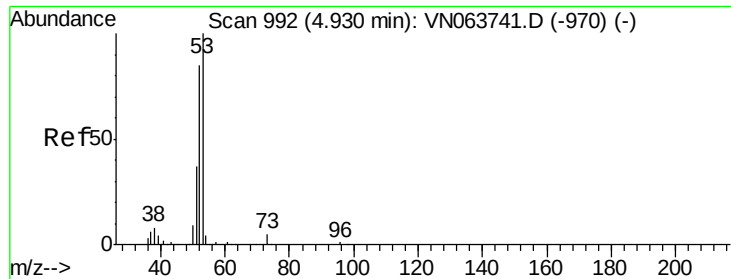
Tot Ion: 56 Resp: 103042
 Ion Ratio Lower Upper
 56 100
 55 71.6 56.9 85.3



#14
 Allyl chloride
 Concen: 48.229 ug/l
 RT: 4.28 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 41 Resp: 262821
 Ion Ratio Lower Upper
 41 100
 39 77.9 64.5 96.7
 76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 279.233 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

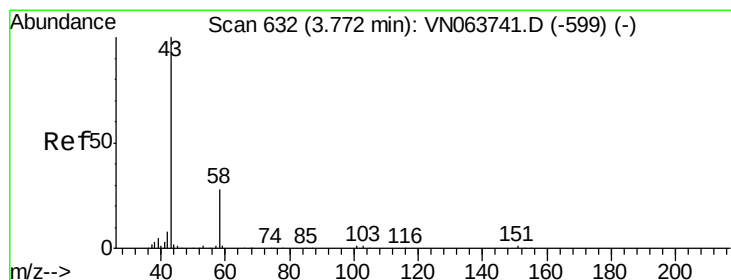
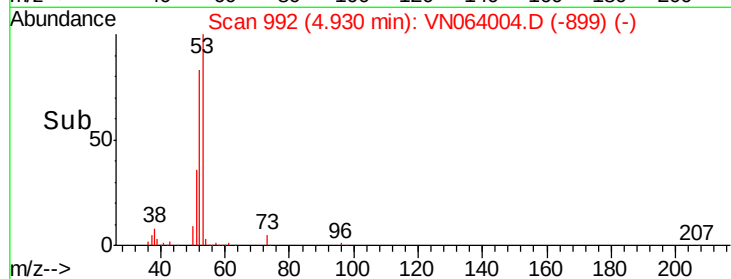
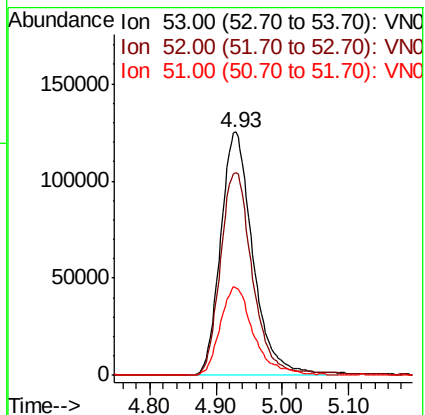
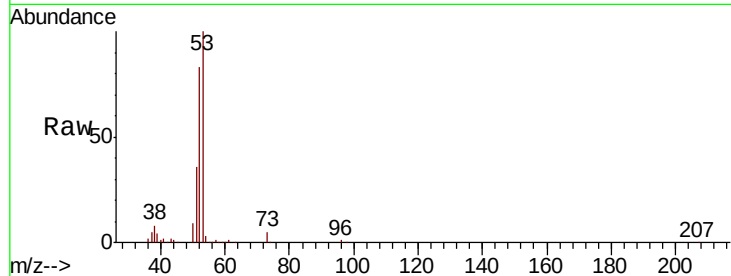
Tot Ion: 53 Resp: 424661

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

51 37.4 29.9 44.9



#16

Acetone

Concen: 259.453 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064004.D

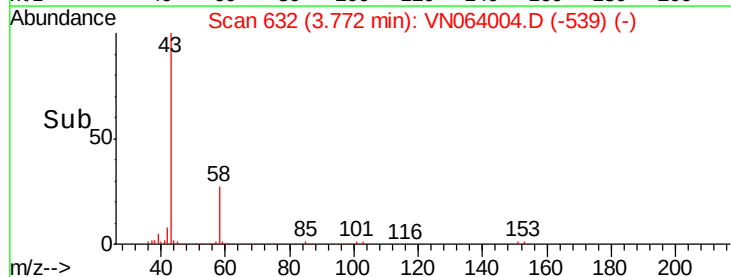
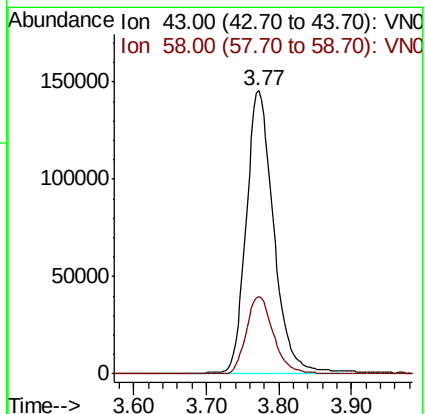
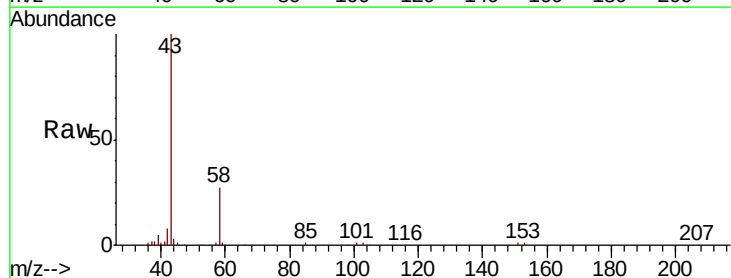
Acq: 8 Oct 2020 20:29

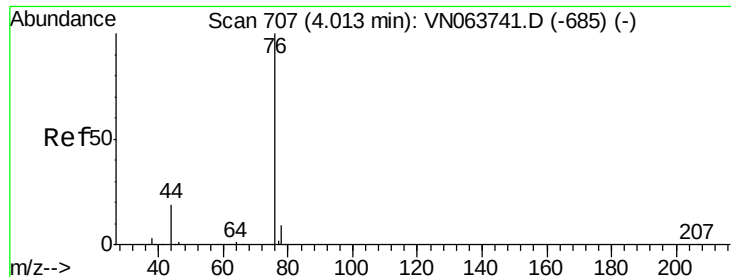
Tgt Ion: 43 Resp: 384352

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5





#17

Carbon Disulfide

Concen: 45.915 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

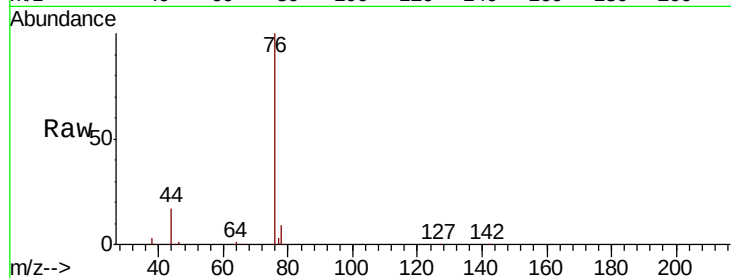
VSTDCCC050EC

Tot Ion: 76 Resp: 363557

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN064004.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN064004.D (-614) (-)

4.01

150000

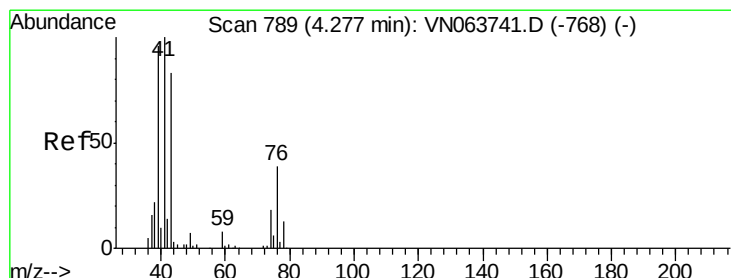
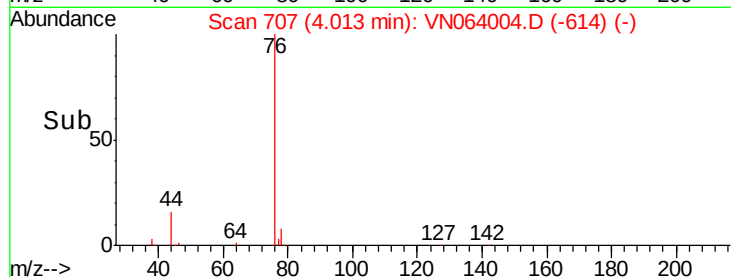
100000

50000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 57.722 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064004.D

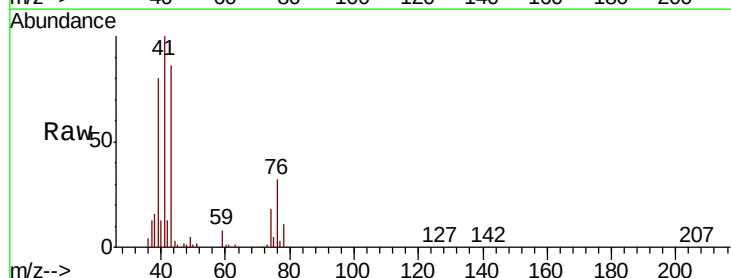
Acq: 8 Oct 2020 20:29

Tgt Ion: 43 Resp: 222017

Ion Ratio Lower Upper

43 100

74 20.6 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN064004.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064004.D (-696) (-)

4.28

80000

60000

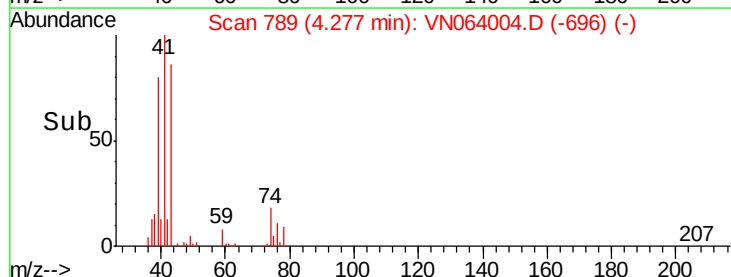
40000

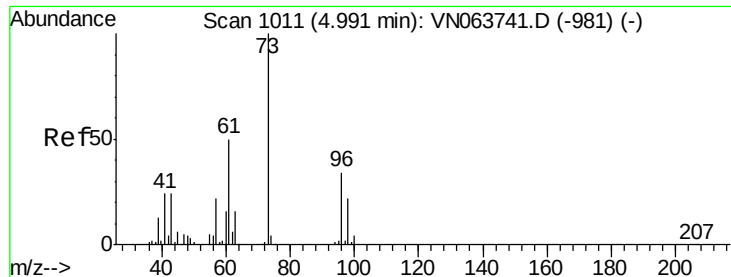
20000

0

Time-->

4.20 4.30 4.40

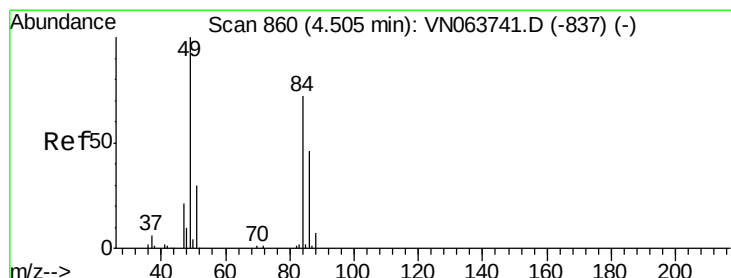
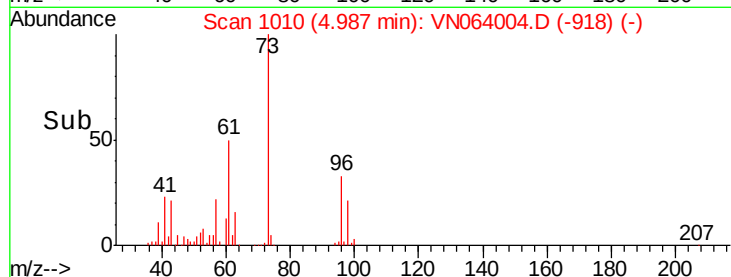
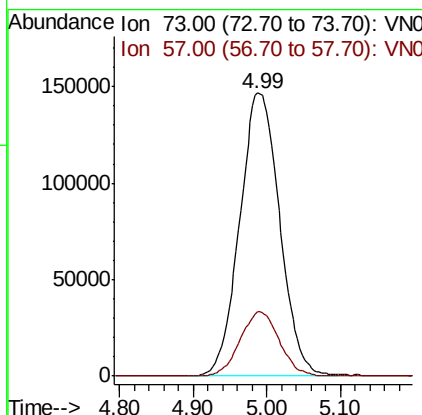
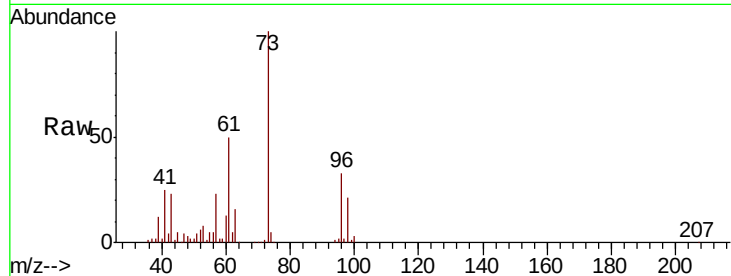




#19
Methvl tert-butvl Ether
Concen: 52.055 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

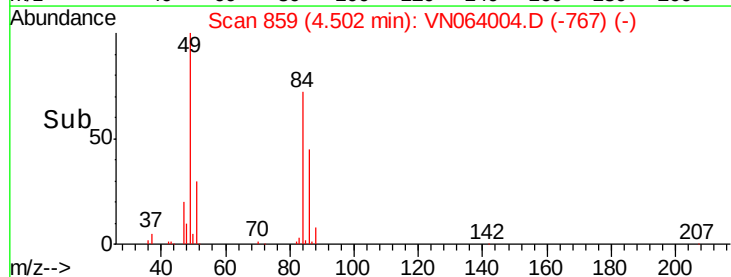
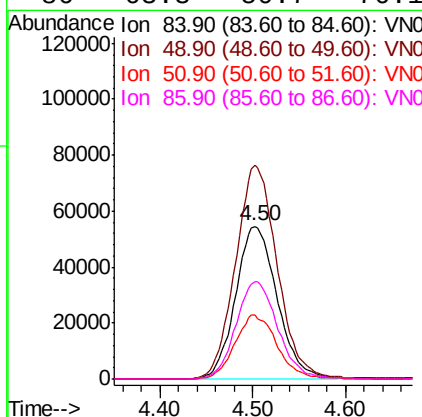
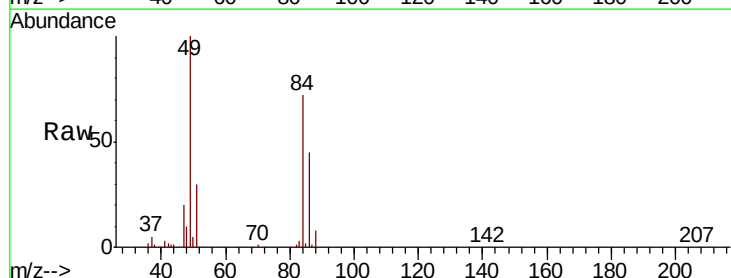
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

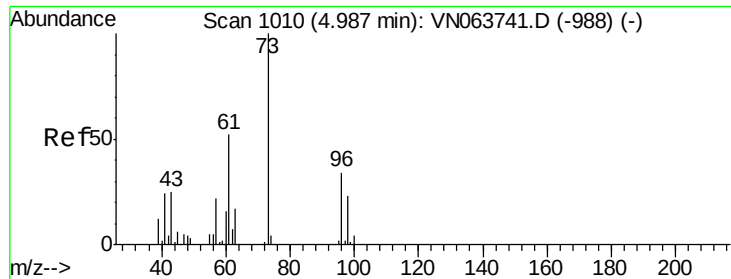
Tot Ion: 73 Resp: 554740
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4



#20
Methylene Chloride
Concen: 50.154 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion: 84 Resp: 170179
Ion Ratio Lower Upper
84 100
49 139.7 110.4 165.6
51 41.9 33.3 49.9
86 63.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 47.200 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

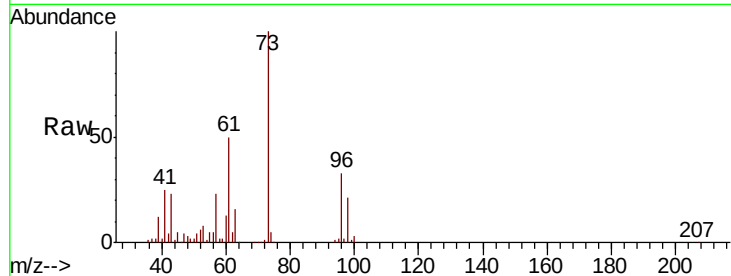
Tot Ion: 96 Resp: 155077

Ion Ratio Lower Upper

96 100

61 151.4 120.2 180.2

98 62.3 52.6 79.0

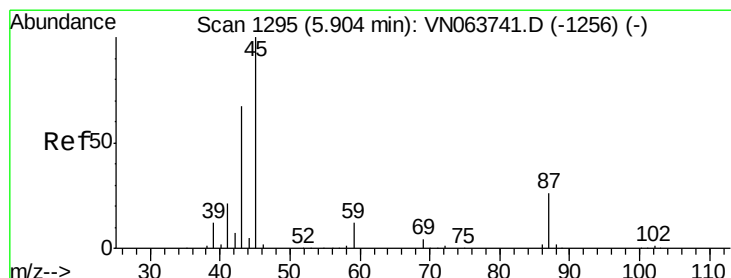
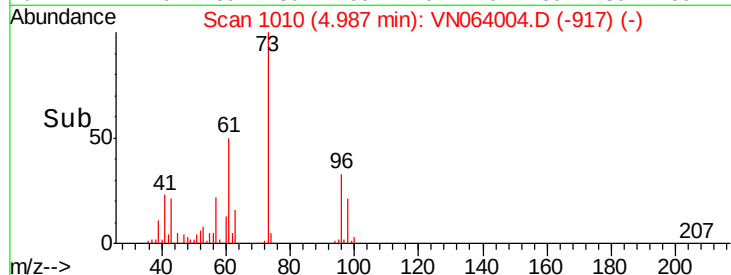
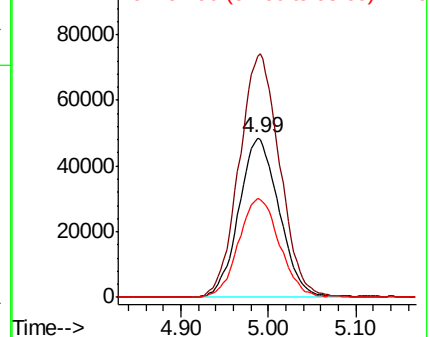


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 56.127 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Tgt Ion: 45 Resp: 629289

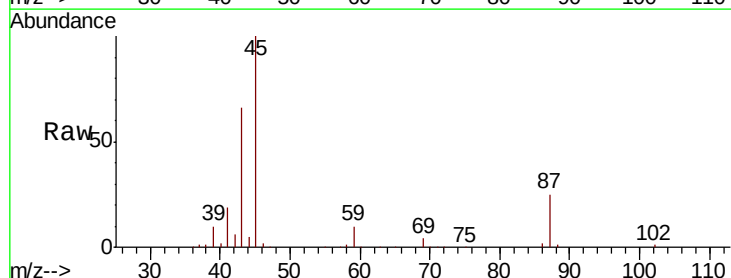
Ion Ratio Lower Upper

45 100

43 64.4 53.7 80.5

87 24.9 21.1 31.7

59 10.1 9.2 13.8



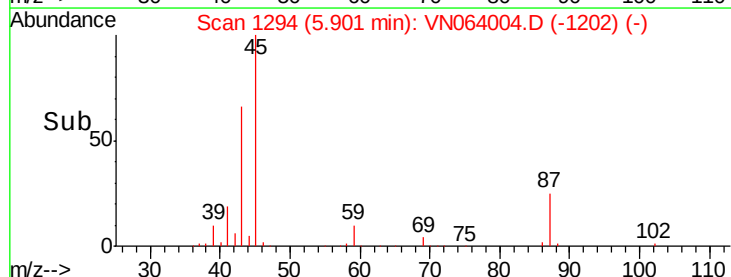
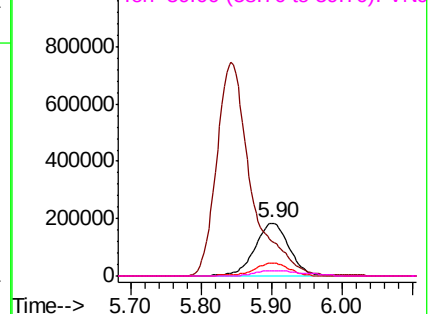
Abundance

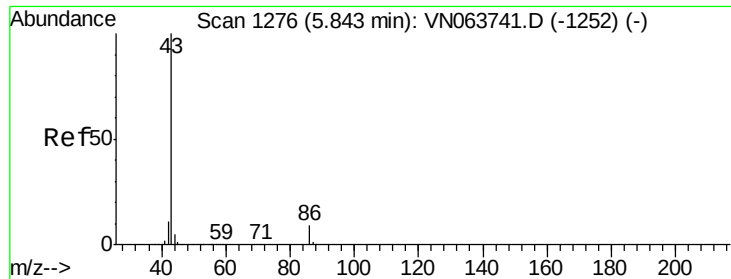
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

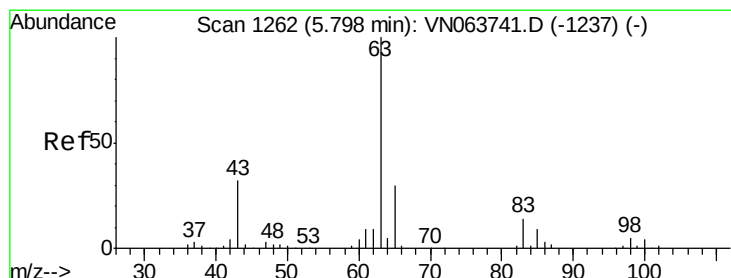
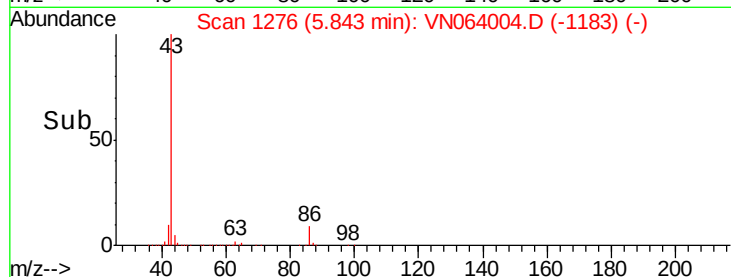
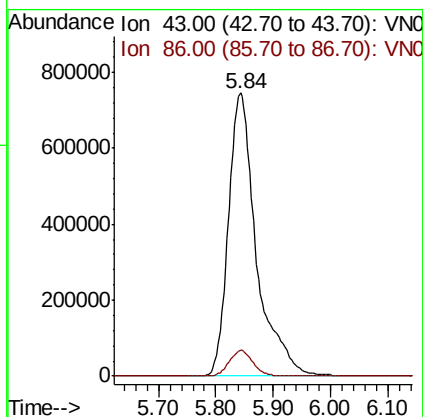
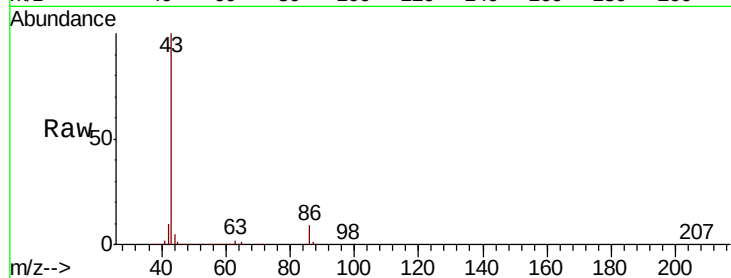




#23
 Vinyl Acetate
 Concen: 273.144 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

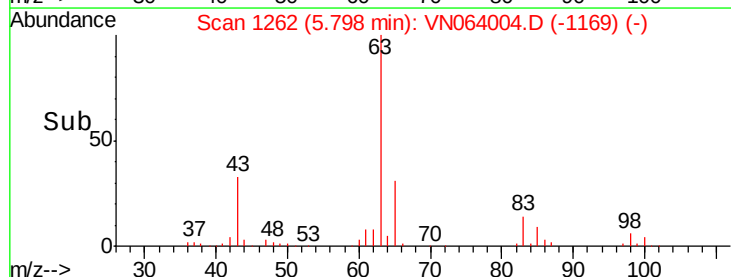
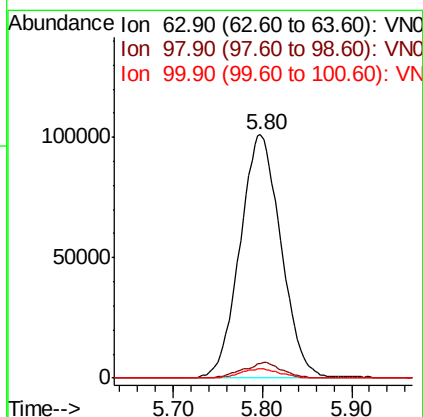
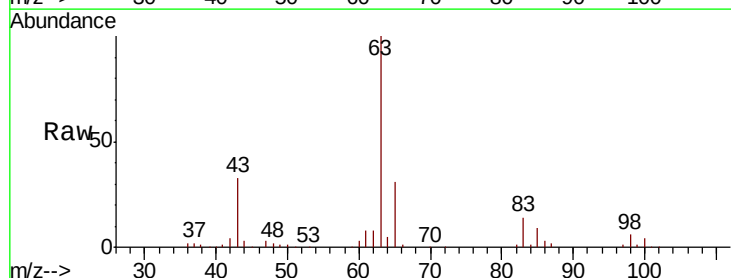
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

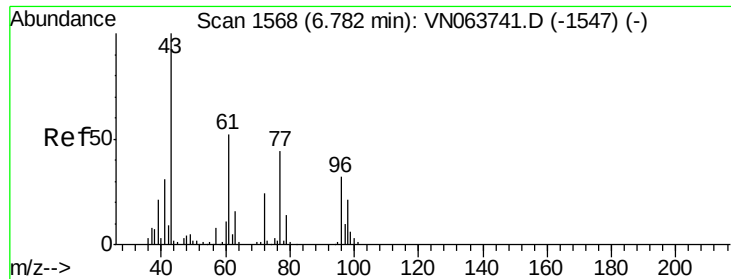
Tot Ion: 43 Resp: 2536805
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 50.242 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 63 Resp: 322085
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.7 8.1
 100 3.8 1.9 5.7

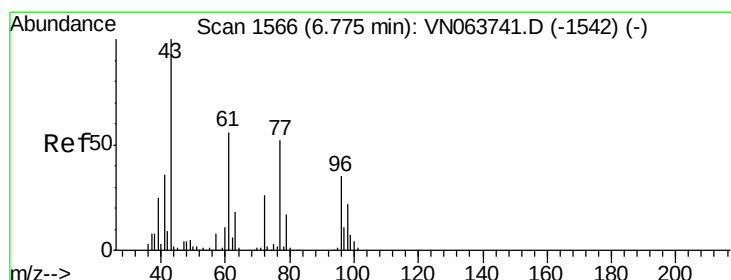
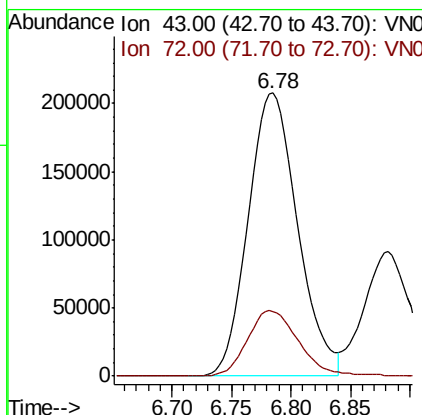
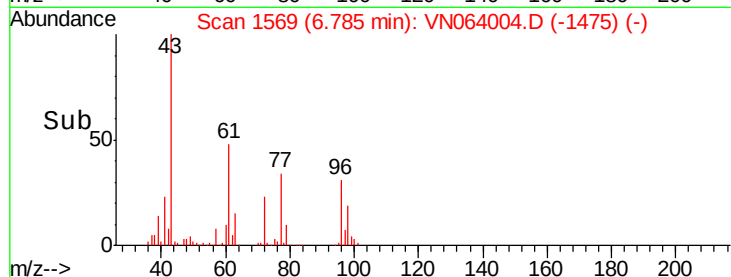
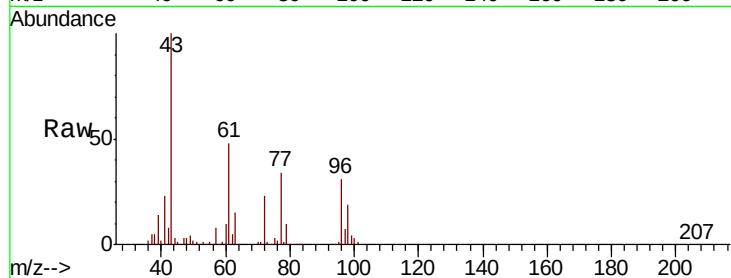




#25
2-Butanone
Concen: 283.861 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

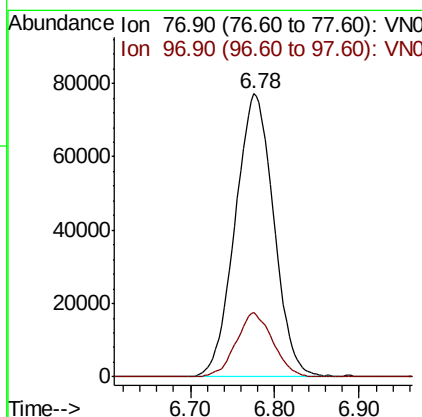
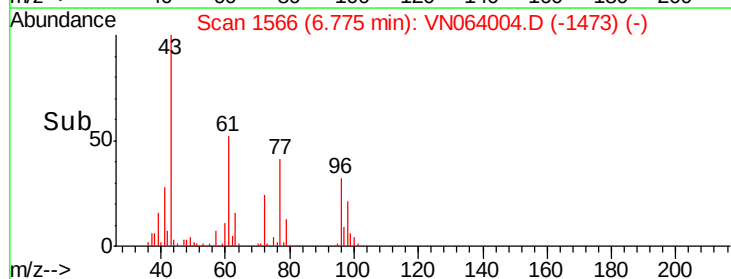
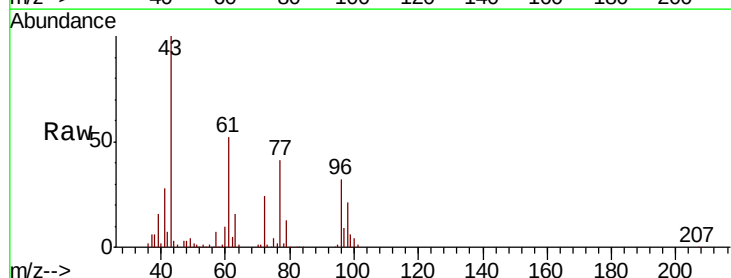
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

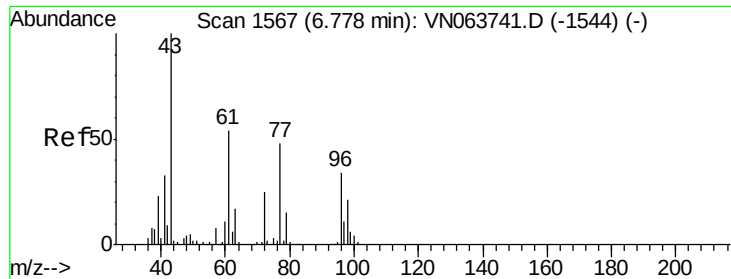
Tot Ion: 43 Resp: 596180
Ion Ratio Lower Upper
43 100
72 22.9 19.3 28.9



#26
2,2-Dichloropropane
Concen: 41.816 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion: 77 Resp: 245485
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.3

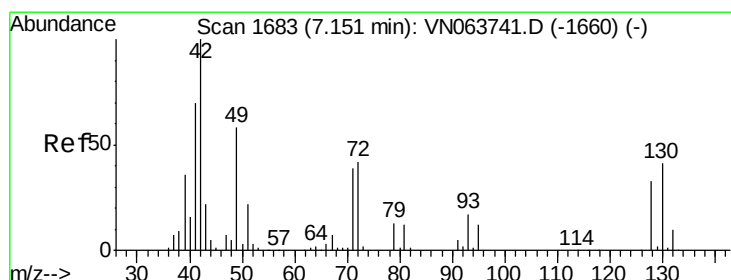
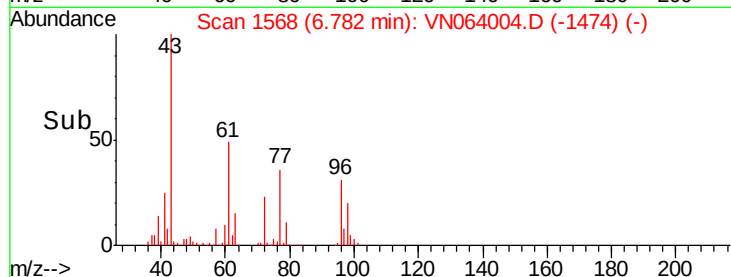
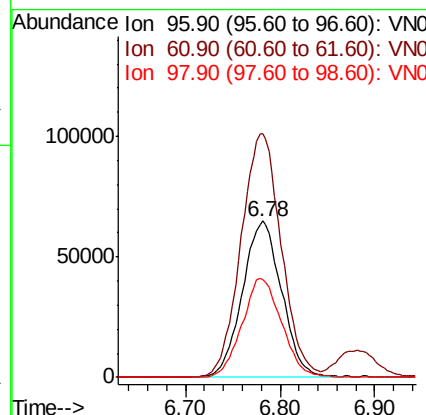
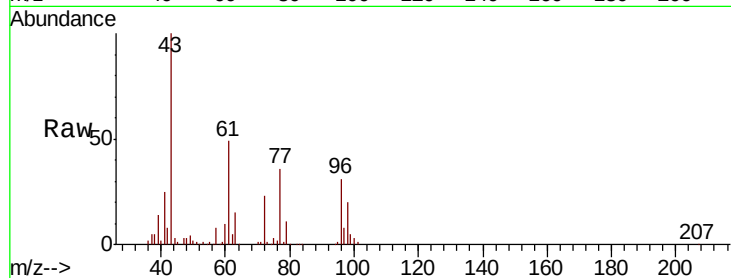




#27
 cis-1,2-Dichloroethene
 Concen: 49.444 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

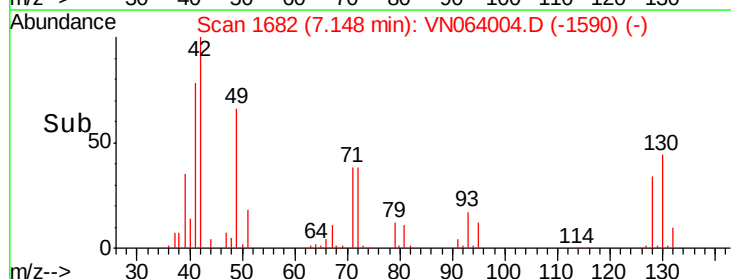
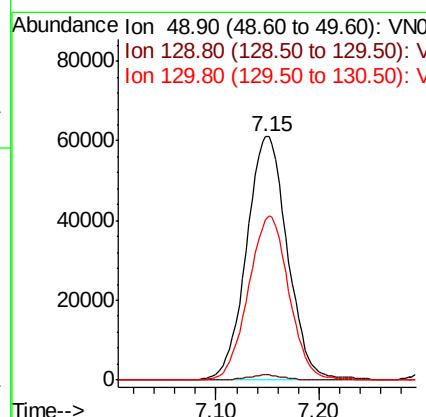
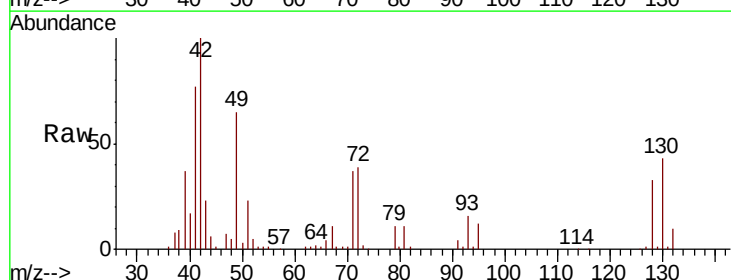
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

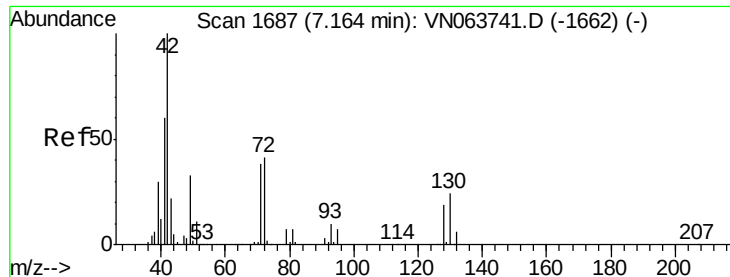
Tot Ion: 96 Resp: 186831
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 321.2
 98 63.8 0.0 124.4



#28
 Bromochloromethane
 Concen: 53.117 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 49 Resp: 168297
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 66.5 55.6 83.4

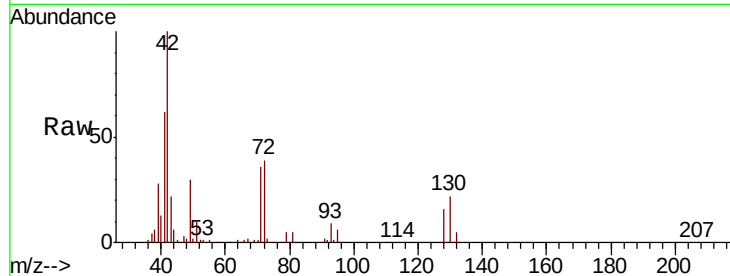




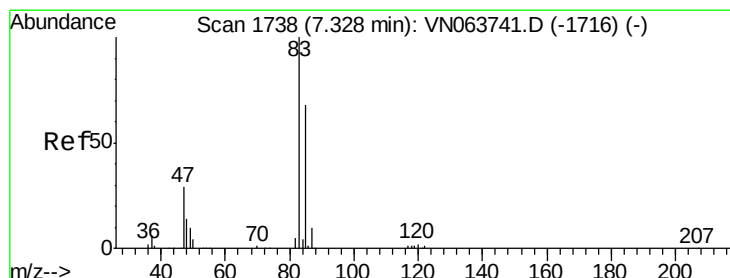
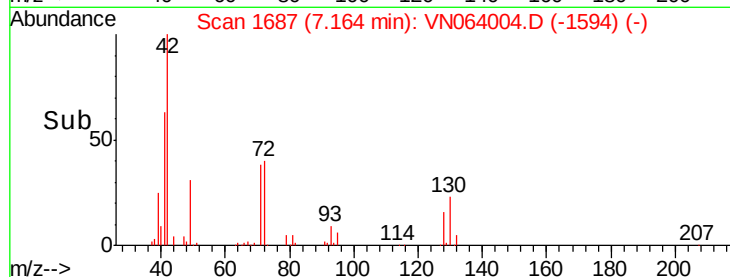
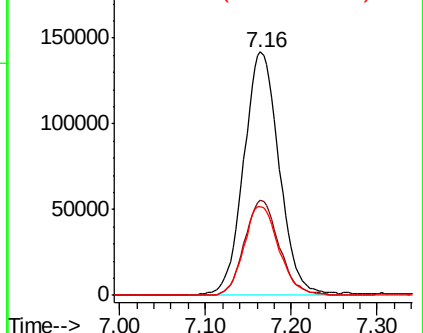
#29
Tetrahydrofuran
Concen: 287.679 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 405232
Ion Ratio Lower Upper
42 100
72 38.4 32.8 49.2
71 36.3 30.6 45.8

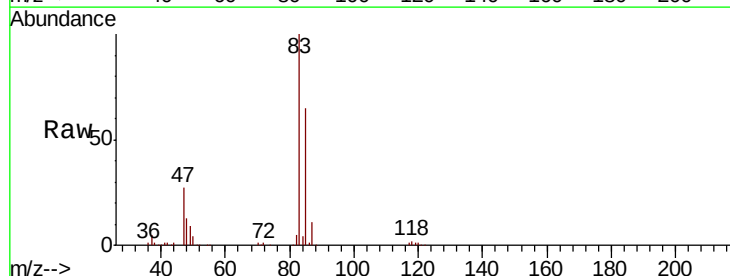


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

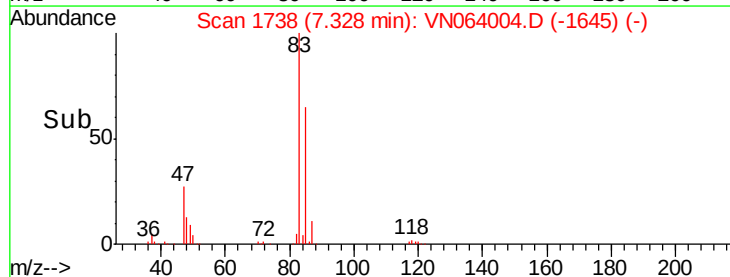
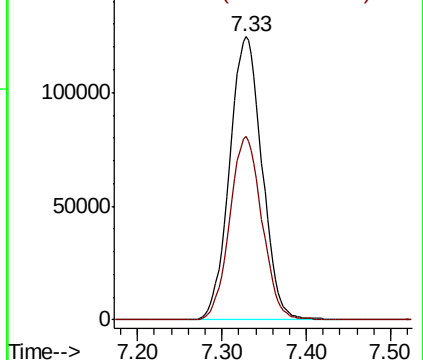


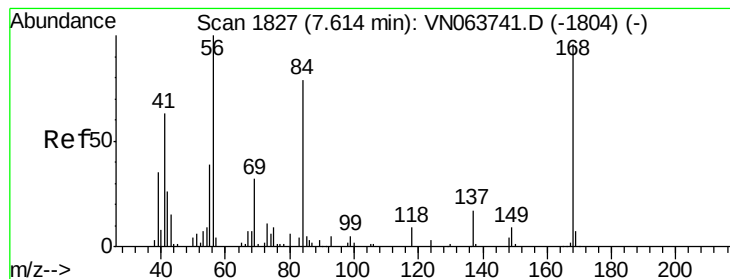
#30
Chloroform
Concen: 49.870 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion: 83 Resp: 333339
Ion Ratio Lower Upper
83 100
85 64.7 54.6 82.0



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





#31

Cyclohexane

Concen: 46.502 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

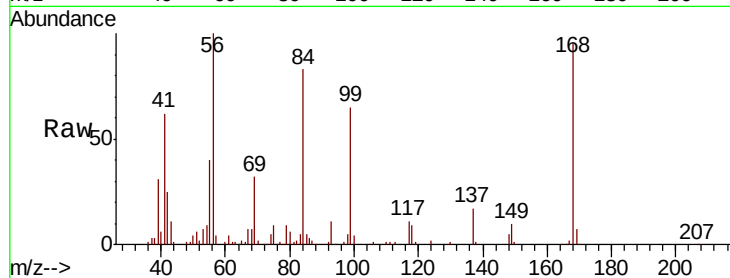
Tot Ion: 56 Resp: 259802

Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

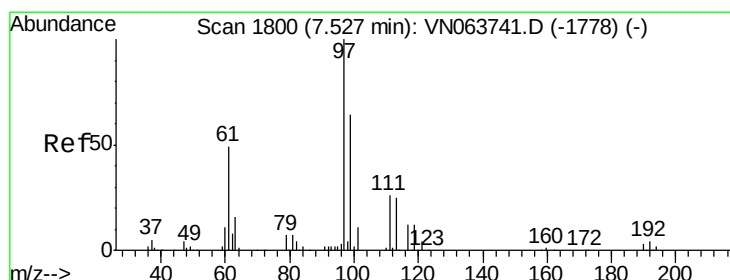
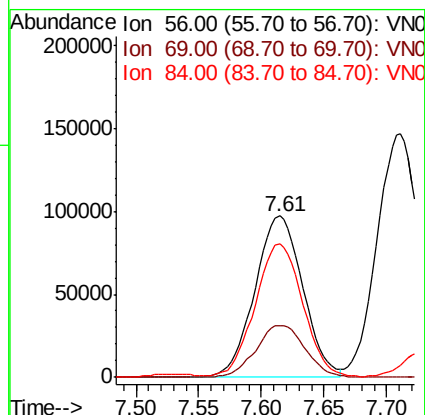
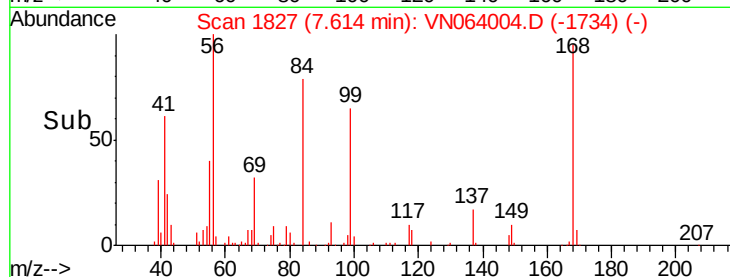
84 81.2 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN064004.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064004.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064004.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 49.440 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

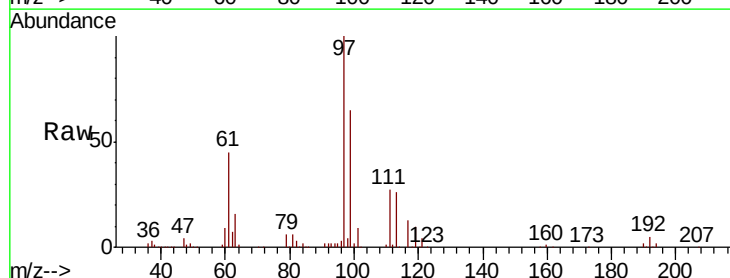
Tgt Ion: 97 Resp: 298073

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

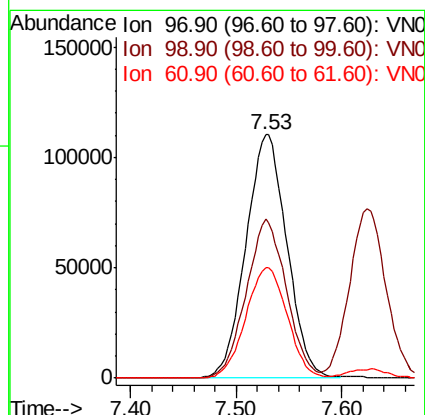
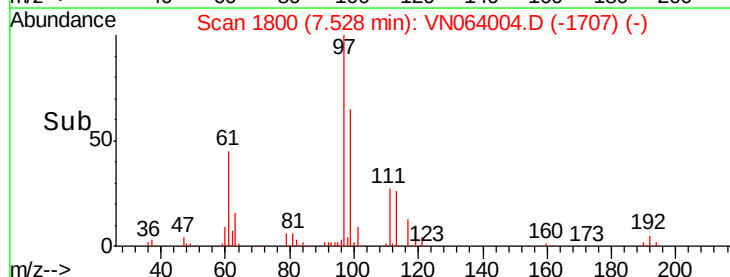
61 46.1 38.7 58.1

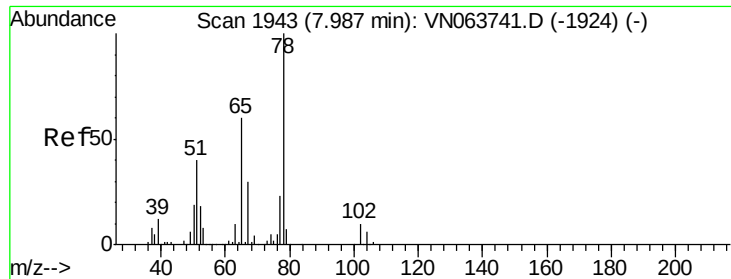


Abundance Ion 96.90 (96.60 to 97.60): VN064004.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064004.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064004.D (-1707) (-)

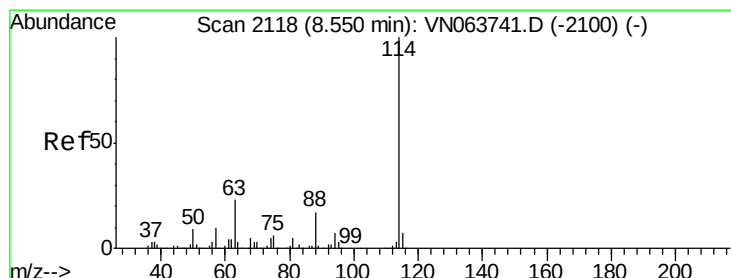
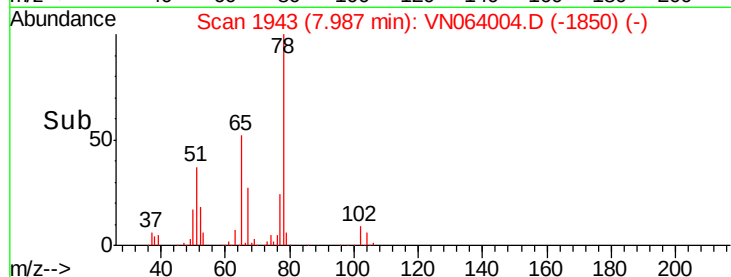
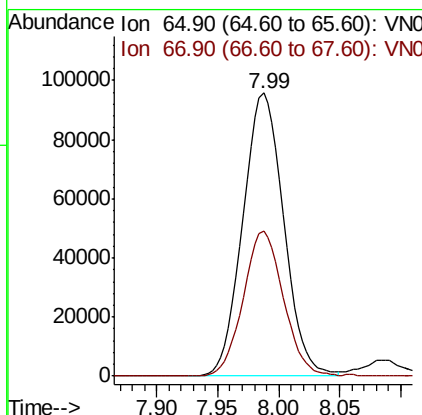
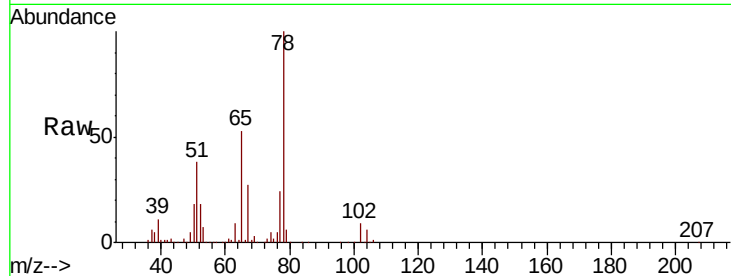




#33
 1,2-Dichloroethane-d4
 Concen: 46.187 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

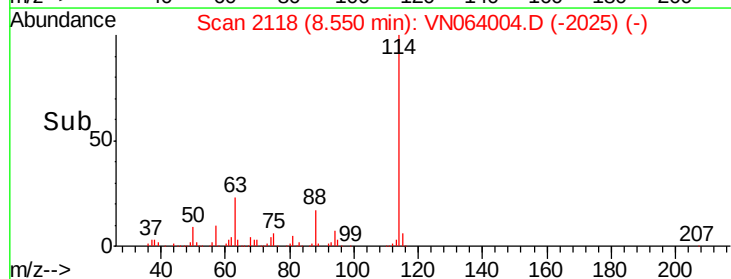
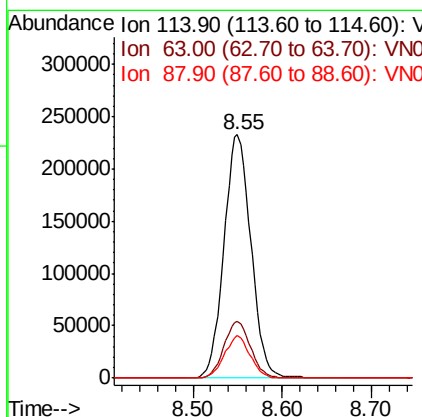
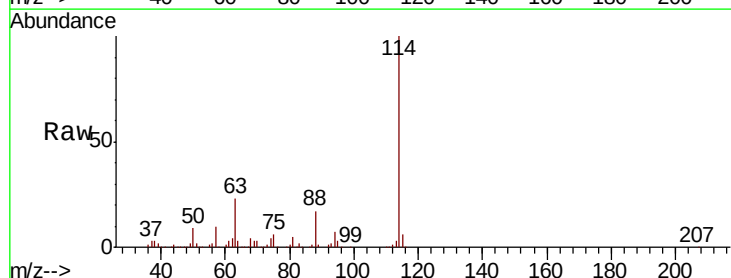
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

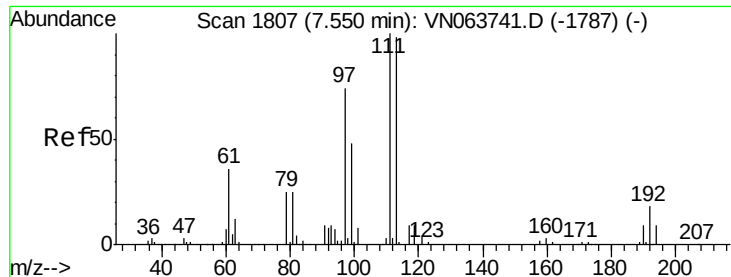
Tot Ion: 65 Resp: 222270
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 114 Resp: 487414
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 17.4 0.0 34.0

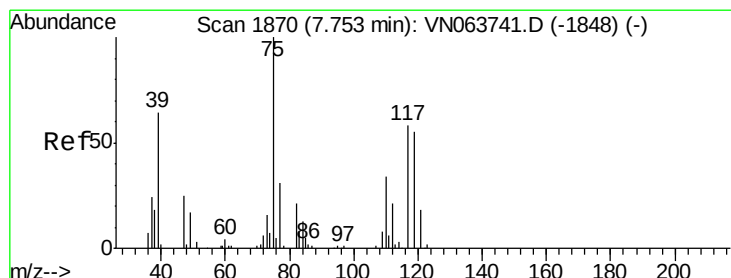
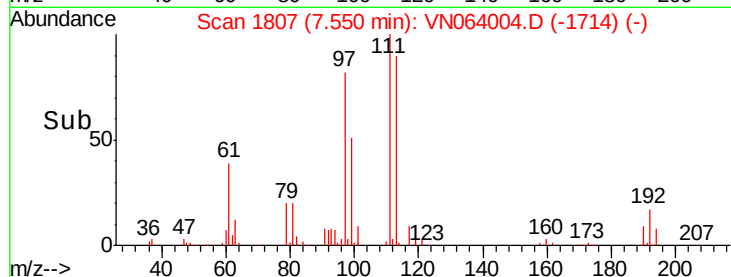
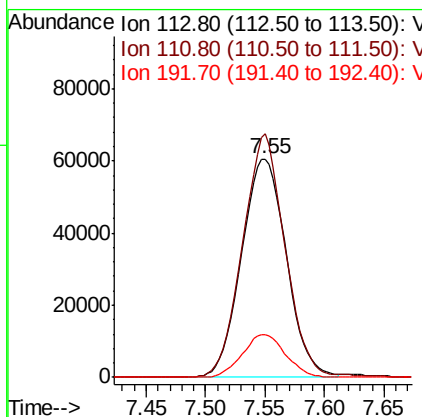
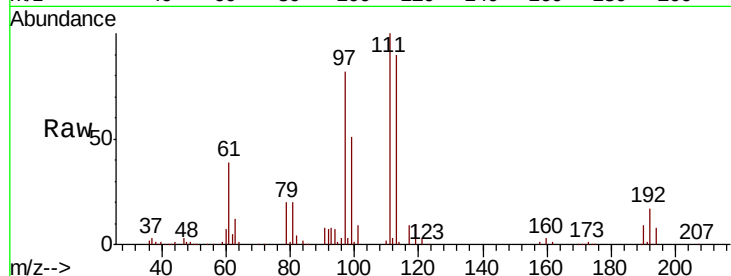




#35
 Dibromofluoromethane
 Concen: 46.711 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

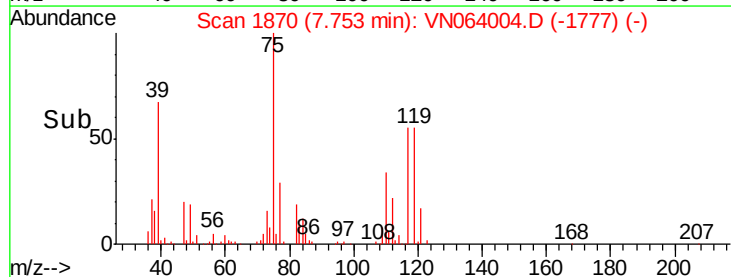
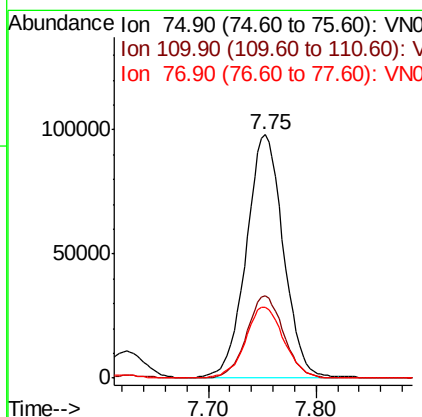
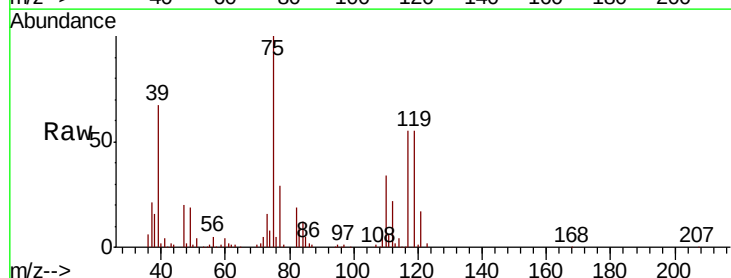
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

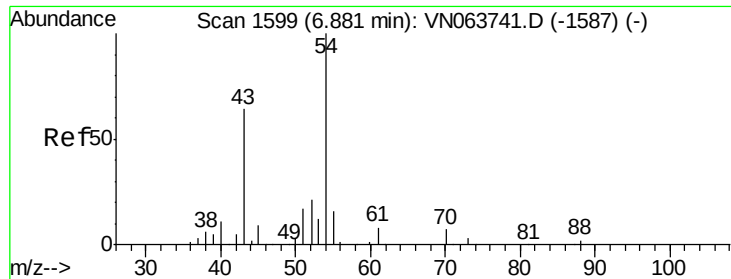
Tot Ion:113 Resp: 157979
 Ion Ratio Lower Upper
 113 100
 111 105.2 81.8 122.8
 192 18.8 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 47.281 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 75 Resp: 233473
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 30.4 24.5 36.7

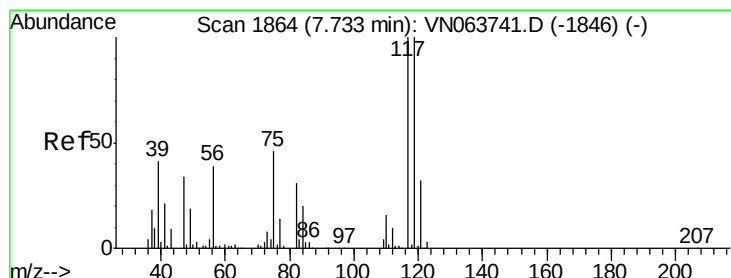
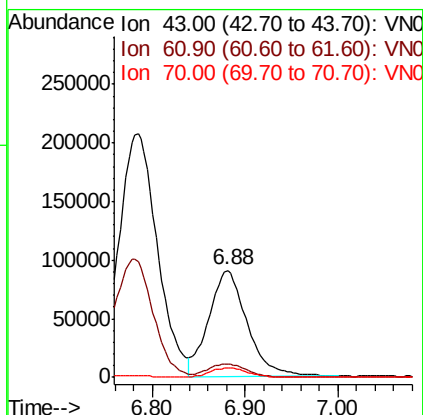
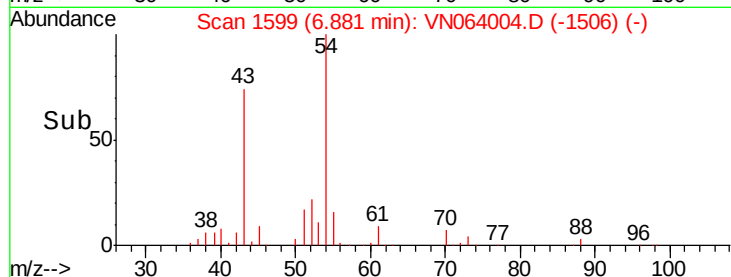
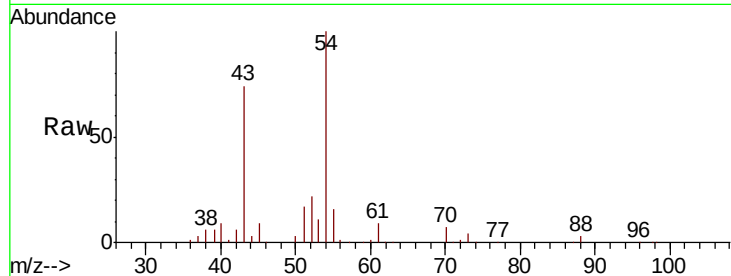




#37
Ethyl Acetate
Concen: 53.011 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

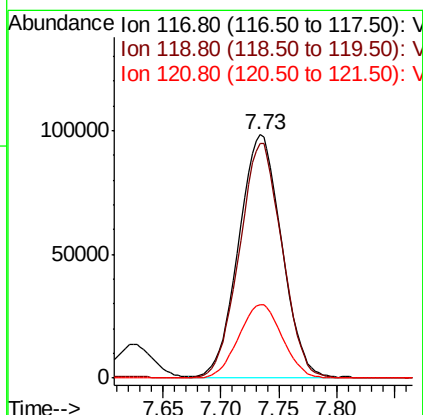
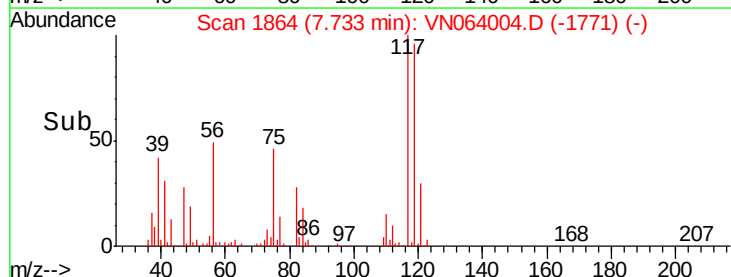
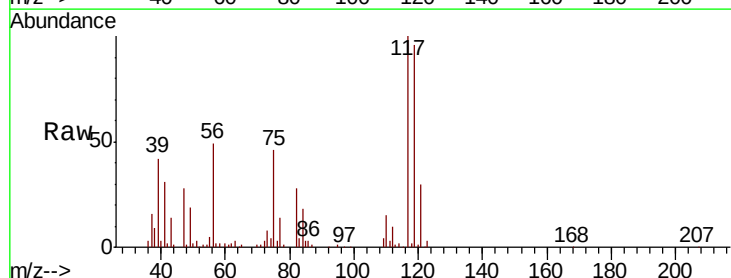
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

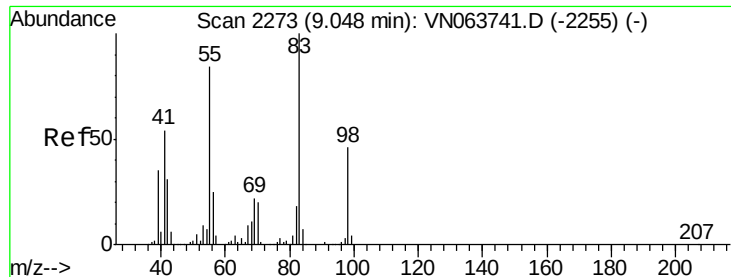
Tot Ion: 43 Resp: 260068
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 8.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.472 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion: 117 Resp: 251786
Ion Ratio Lower Upper
117 100
119 96.4 80.1 120.1
121 30.4 25.7 38.5

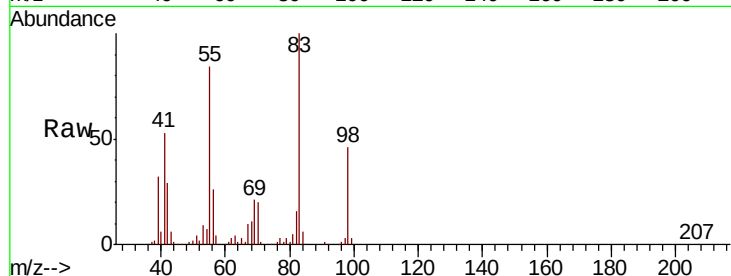




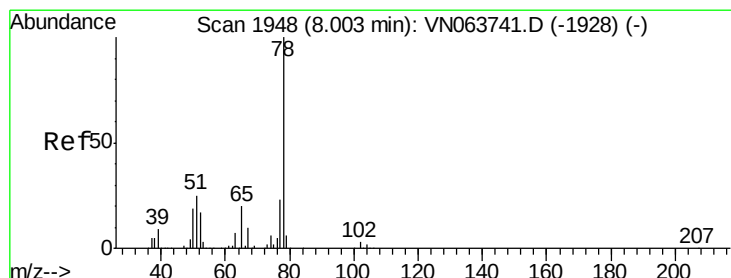
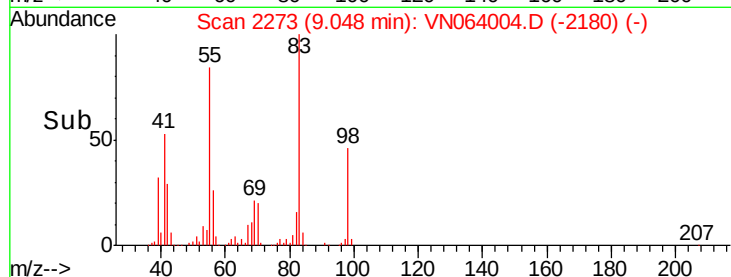
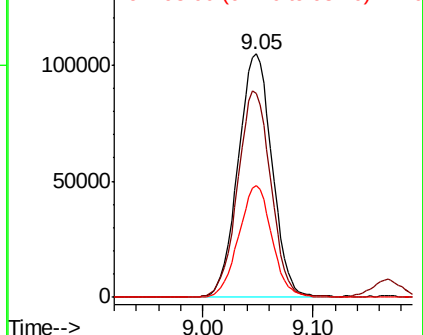
#39
Methylvlcyclohexane
Concen: 45.481 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 223964
Ion Ratio Lower Upper
83 100
55 84.0 67.1 100.7
98 45.9 36.6 54.8

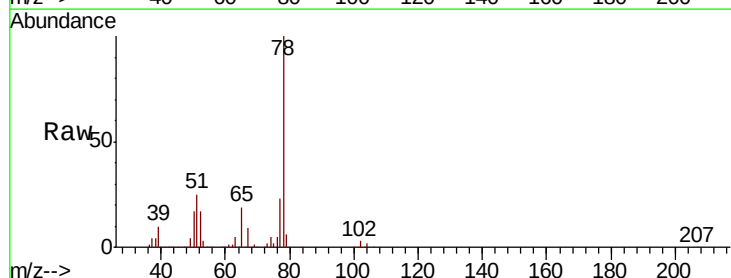


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

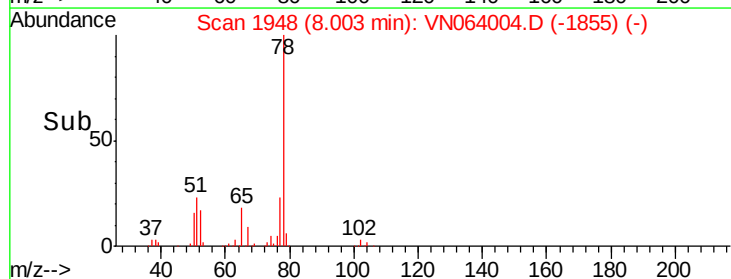
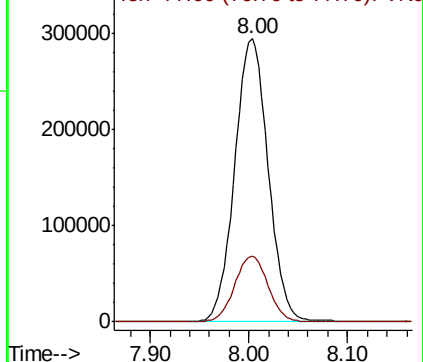


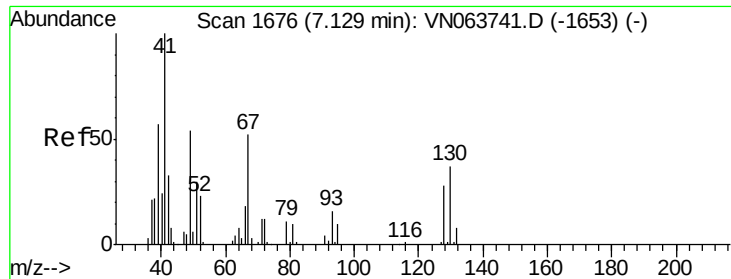
#40
Benzene
Concen: 49.320 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion: 78 Resp: 695613
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1



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

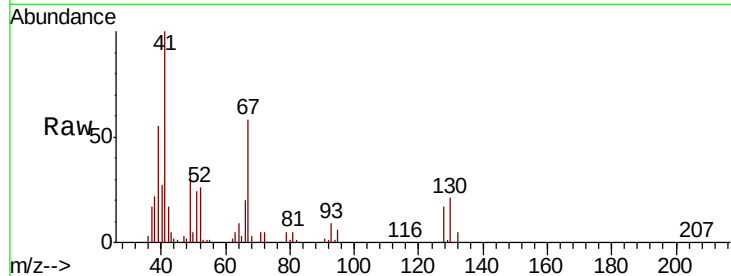




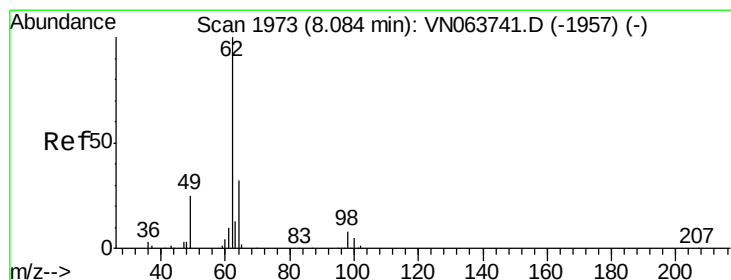
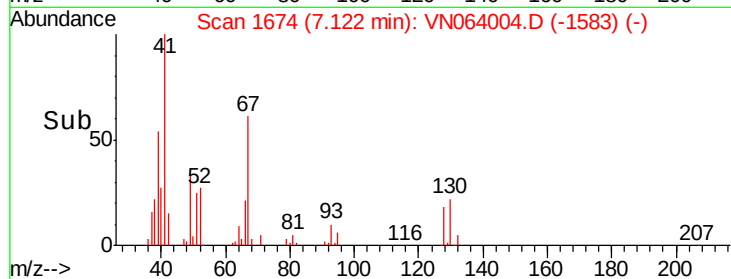
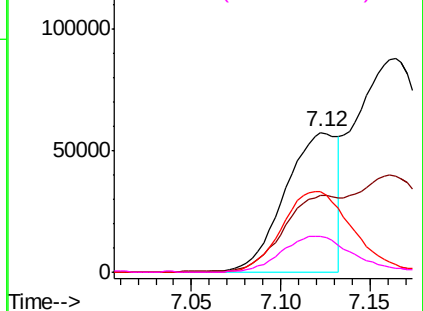
#41
Methacrylonitrile
Concen: 53.879 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	117477
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.5	63.7
67	78.5	57.4	86.2
52	34.4	26.9	40.3

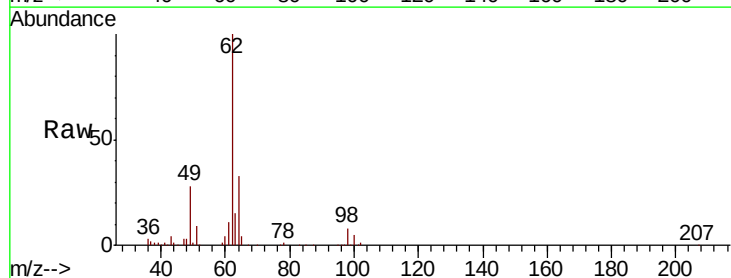


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

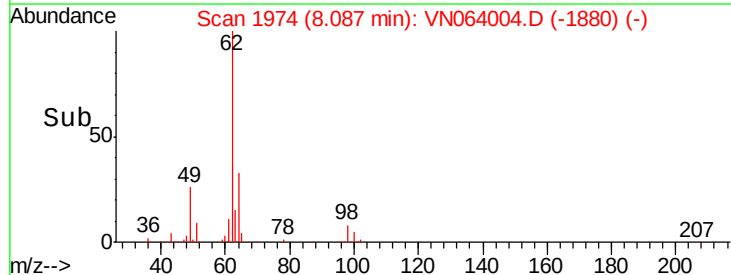
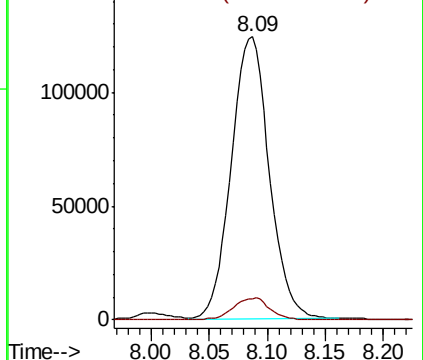


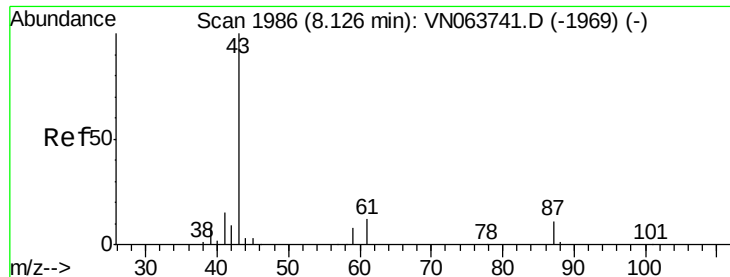
#42
1,2-Dichloroethane
Concen: 46.908 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion:	62	Resp:	282409
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.0



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





#43

Isopropyl Acetate

Concen: 53.572 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

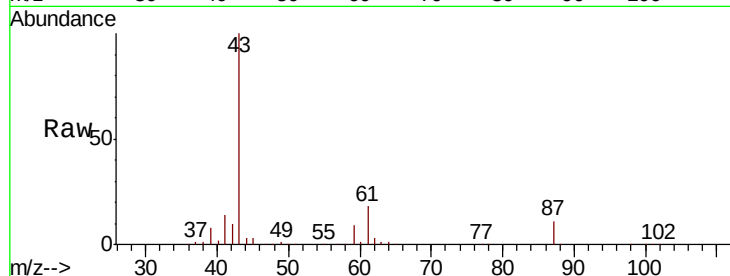
Tot Ion: 43 Resp: 433514

Ion Ratio Lower Upper

43 100

61 17.3 14.2 21.4

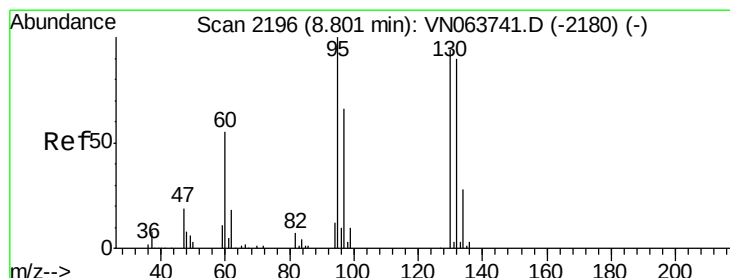
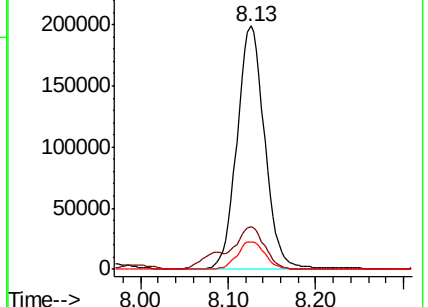
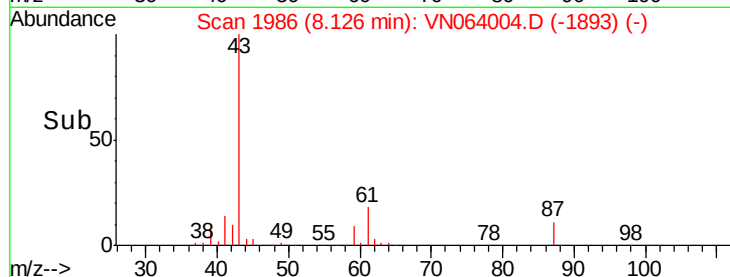
87 11.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 46.821 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064004.D

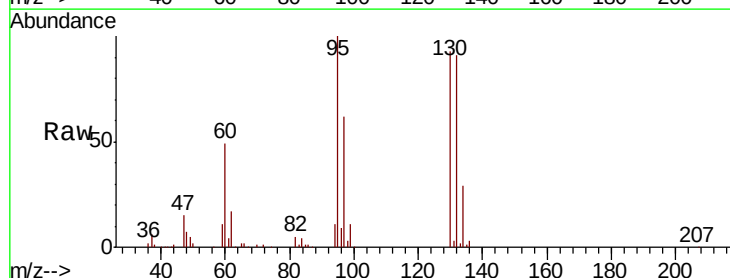
Acq: 8 Oct 2020 20:29

Tgt Ion:130 Resp: 173024

Ion Ratio Lower Upper

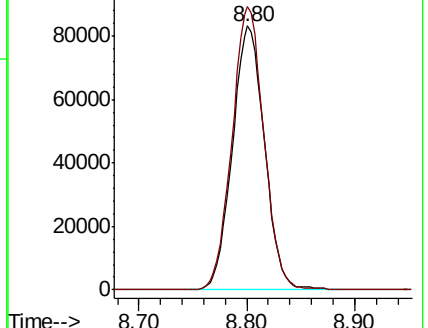
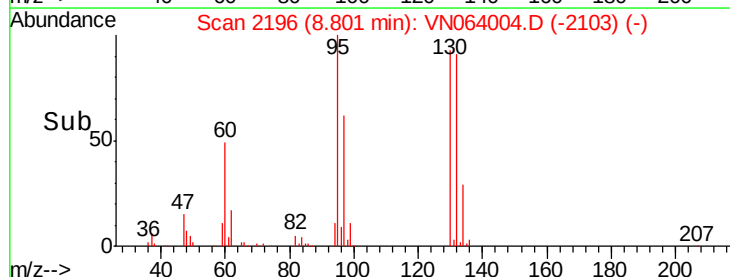
130 100

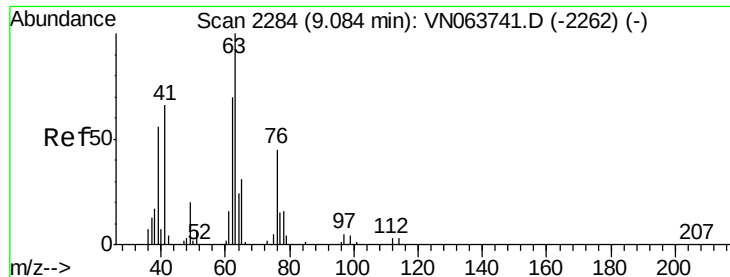
95 107.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 51.505 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

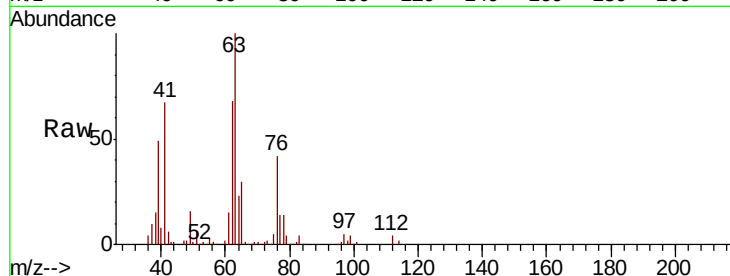
VSTDCCC050EC

Tot Ion: 63 Resp: 196186

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

100000

80000

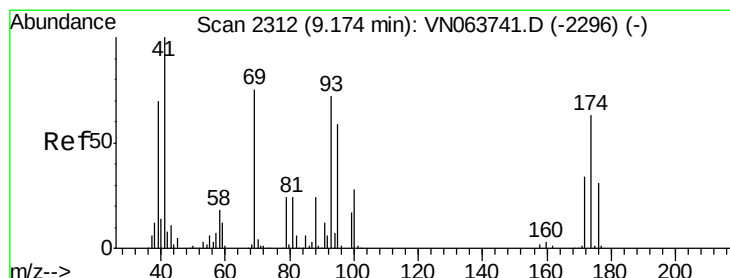
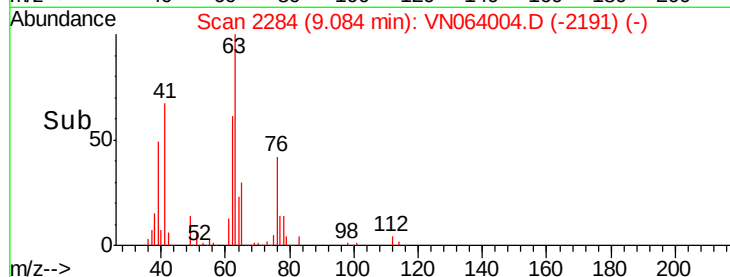
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 47.381 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

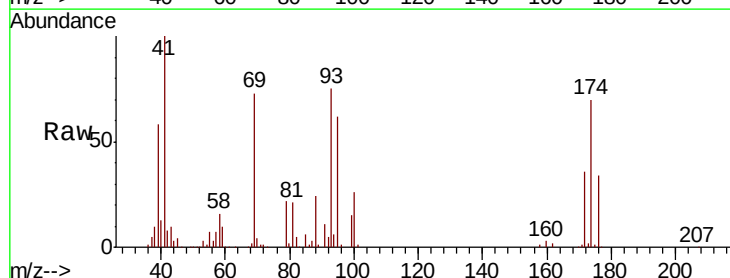
Tgt Ion: 93 Resp: 124502

Ion Ratio Lower Upper

93 100

95 84.1 66.3 99.5

174 93.9 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

80000

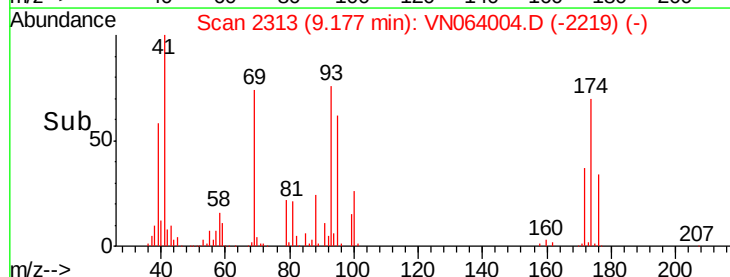
60000

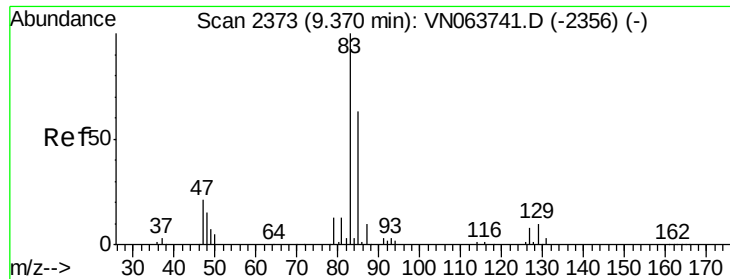
40000

20000

0

Time--> 9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 49.417 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

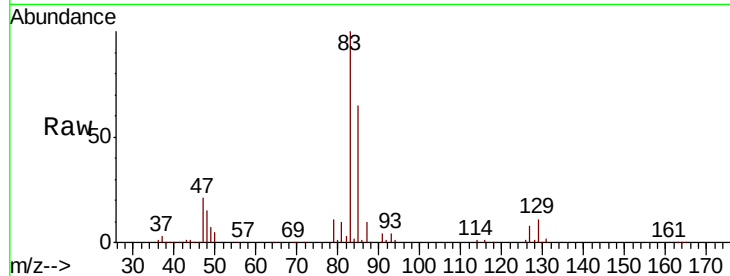
Tot Ion: 83 Resp: 267621

Ion Ratio Lower Upper

83 100

85 65.4 50.6 75.8

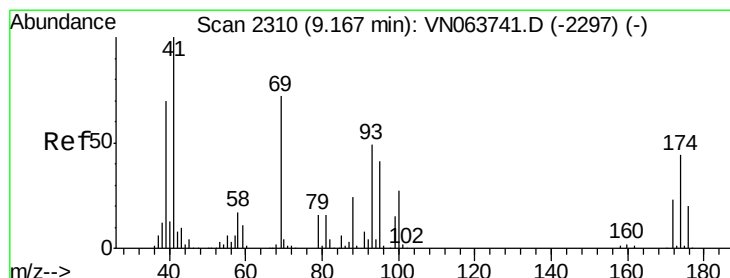
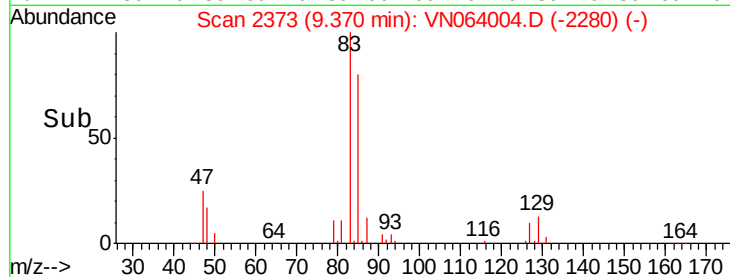
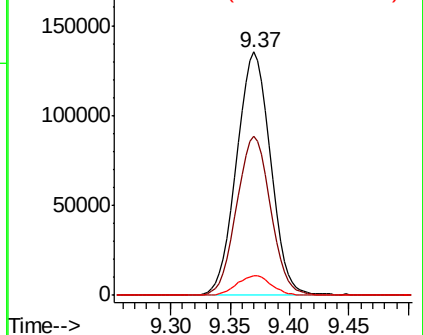
127 7.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 55.065 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

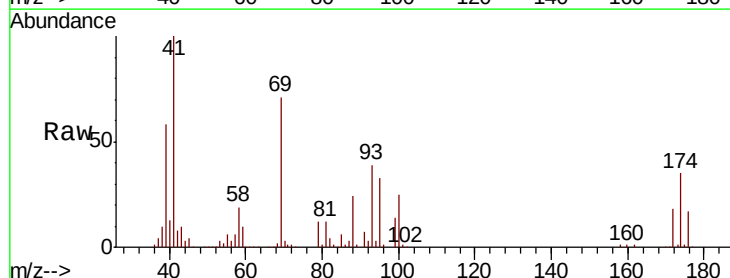
Tgt Ion: 41 Resp: 220153

Ion Ratio Lower Upper

41 100

69 73.2 60.9 91.3

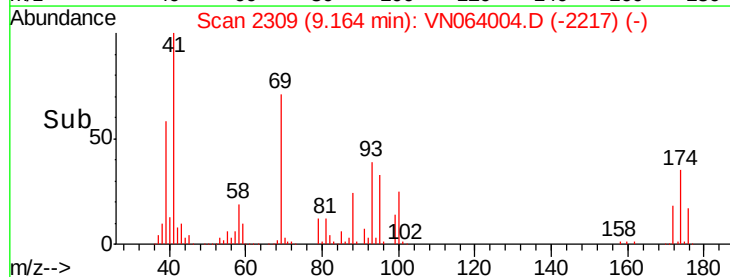
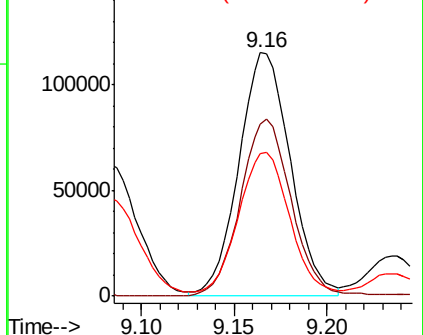
39 59.1 57.5 86.3

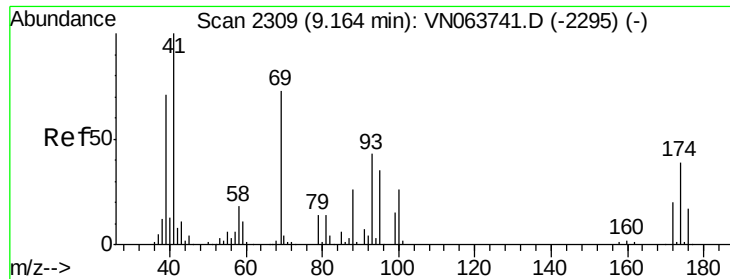


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1040.463 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

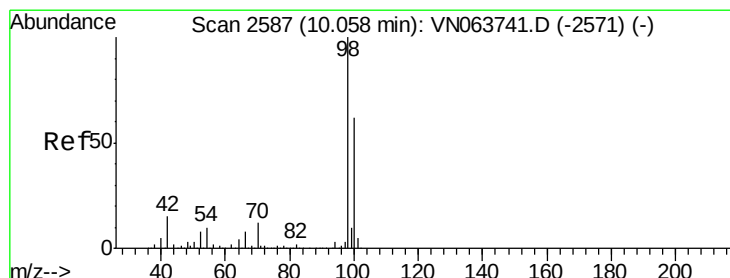
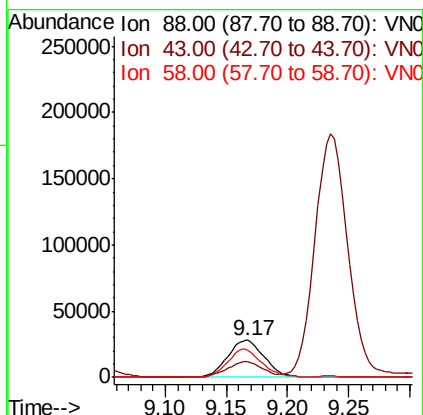
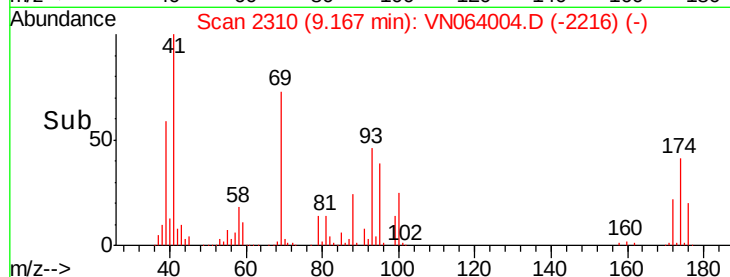
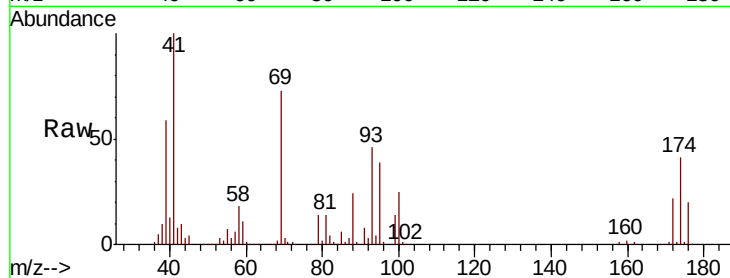
Tot Ion: 88 Resp: 59120

Ion Ratio Lower Upper

88 100

43 37.9 33.1 49.7

58 71.0 58.9 88.3



#50

Toluene-d8

Concen: 46.350 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064004.D

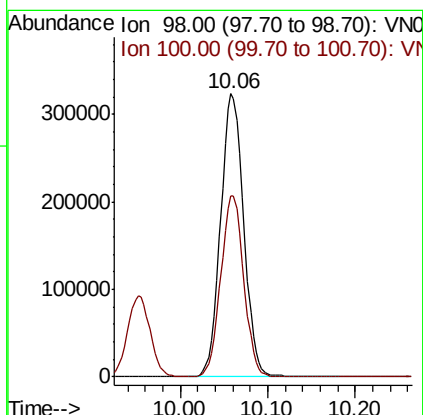
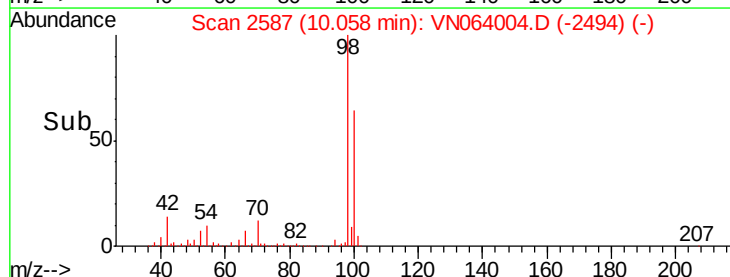
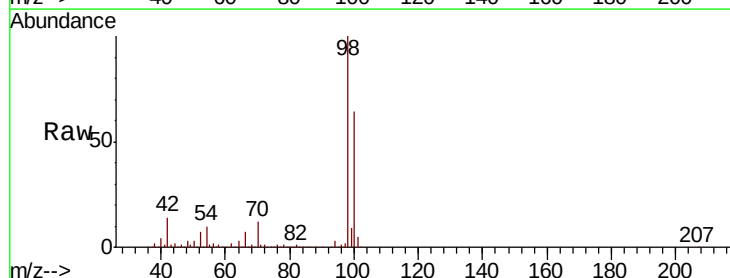
Acq: 8 Oct 2020 20:29

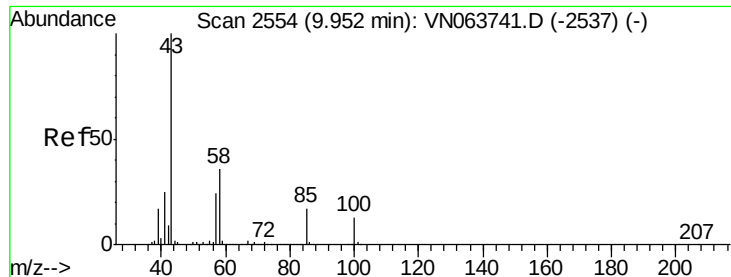
Tgt Ion: 98 Resp: 594251

Ion Ratio Lower Upper

98 100

100 63.0 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 280.032 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

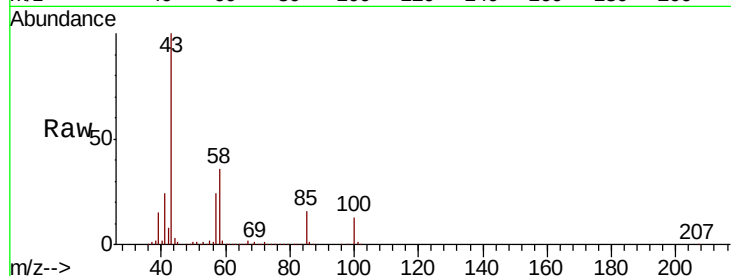
VSTDCCC050EC

Tot Ion: 43 Resp: 1329830

Ion Ratio Lower Upper

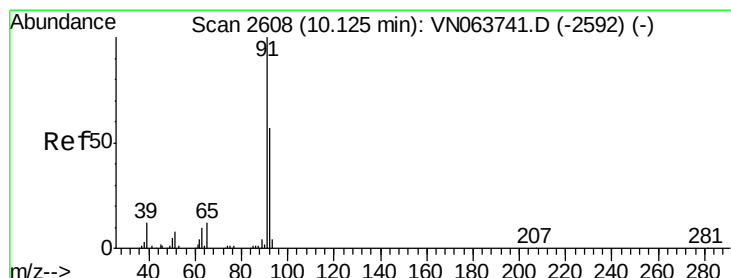
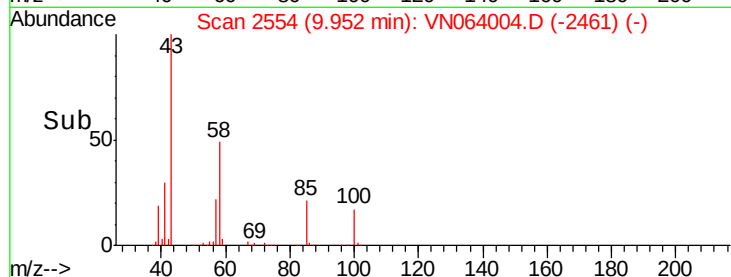
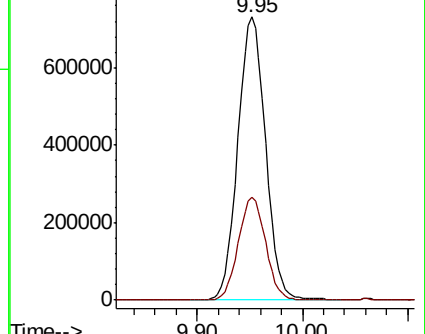
43 100

58 35.9 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)



#52

Toluene

Concen: 50.297 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064004.D

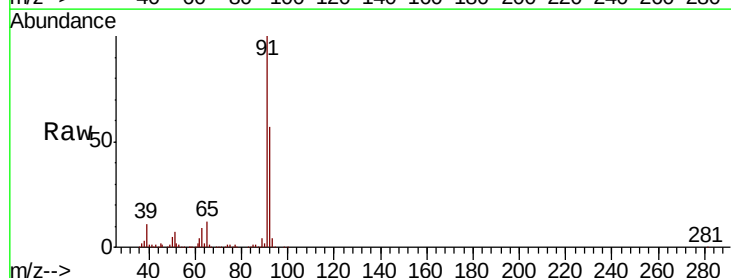
Acq: 8 Oct 2020 20:29

Tgt Ion: 92 Resp: 438785

Ion Ratio Lower Upper

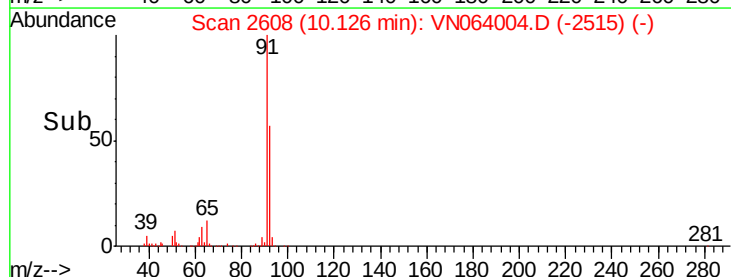
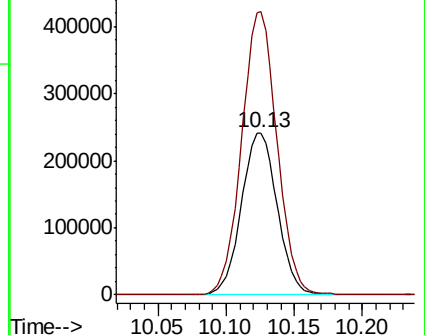
92 100

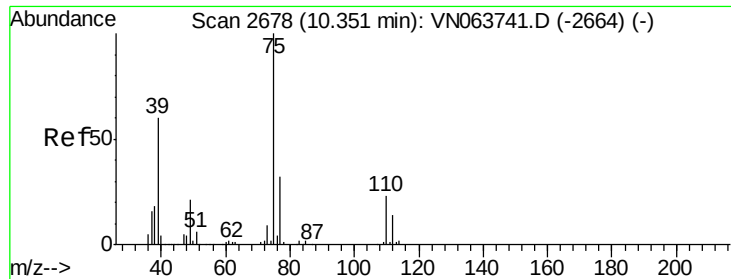
91 172.9 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 49.322 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

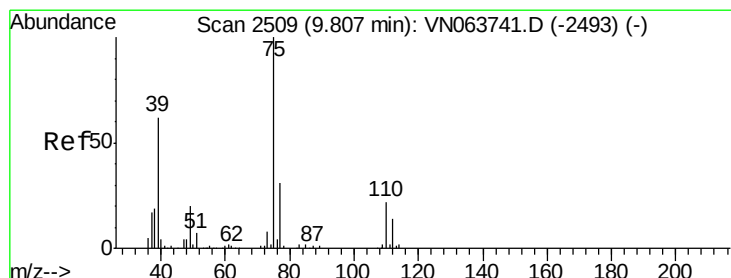
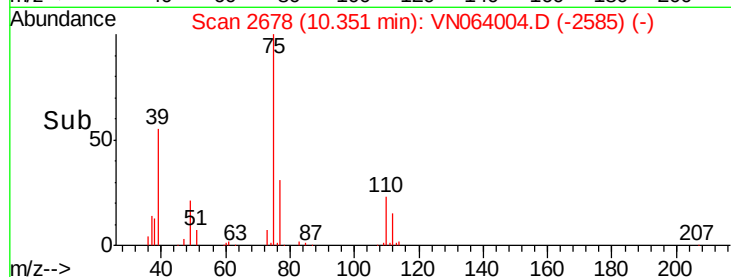
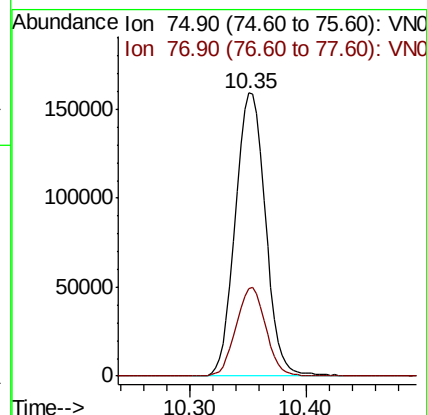
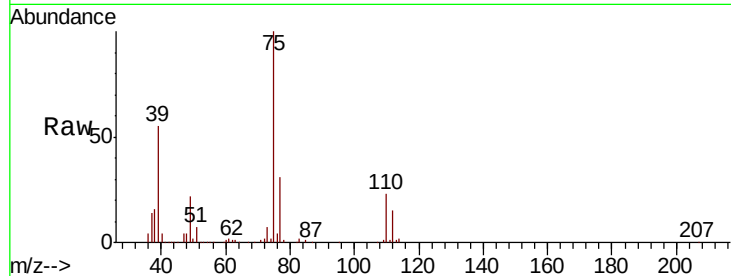
VSTDCCC050EC

Tot Ion: 75 Resp: 286321

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.797 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

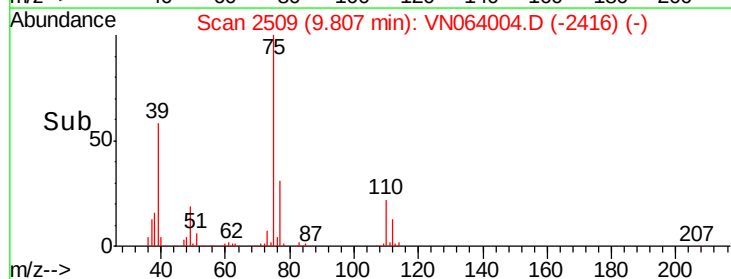
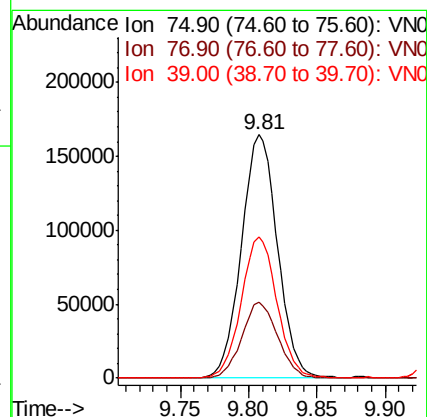
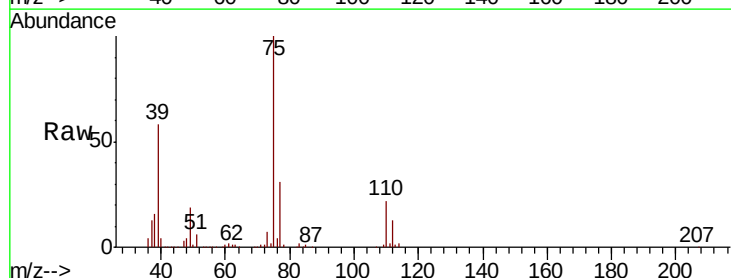
Tgt Ion: 75 Resp: 302323

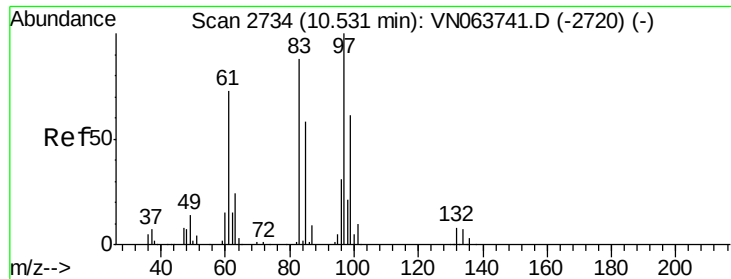
Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 58.0 49.7 74.5



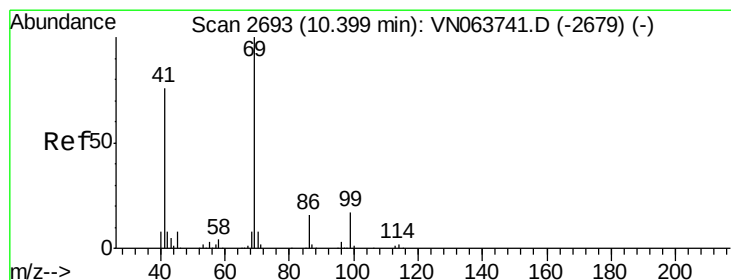
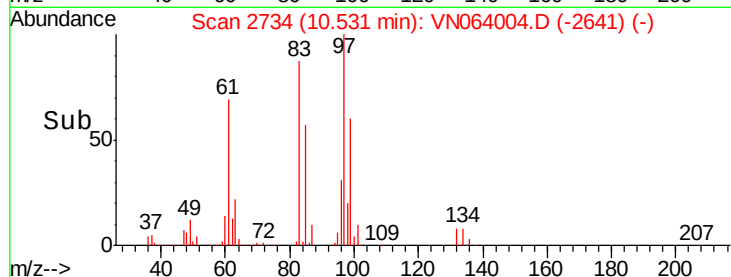
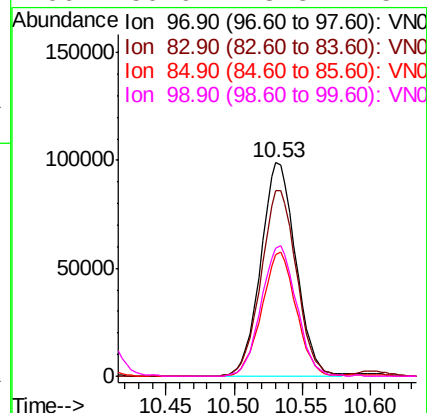
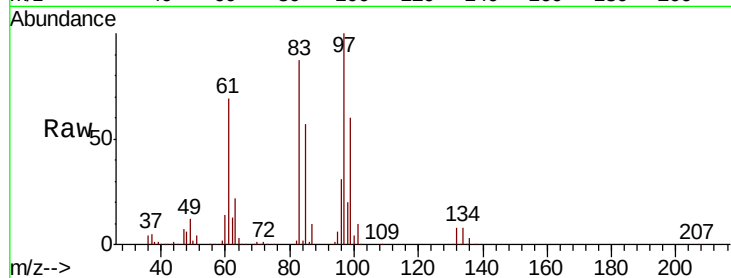


#55
 1,1,2-Trichloroethane
 Concen: 50.531 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 176786

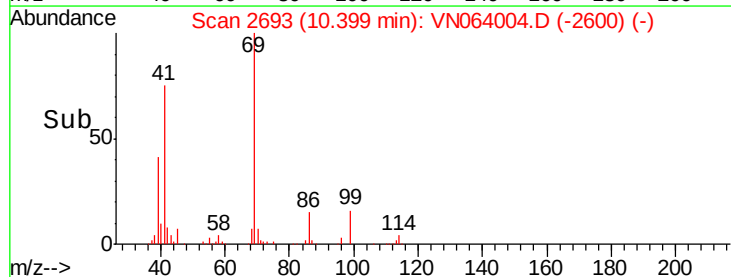
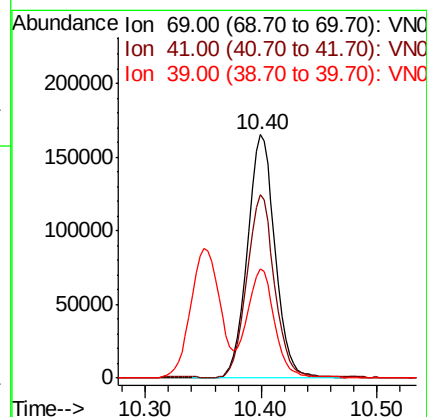
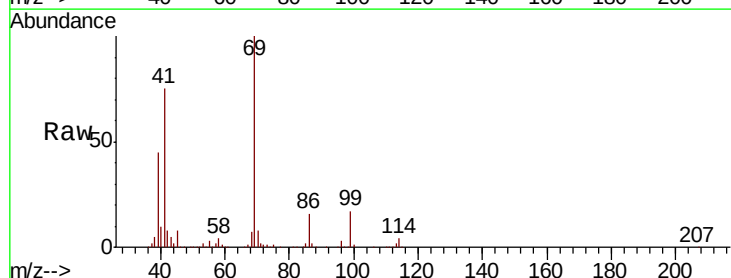
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.7	106.1
85	56.9	46.1	69.1
99	59.9	48.8	73.2

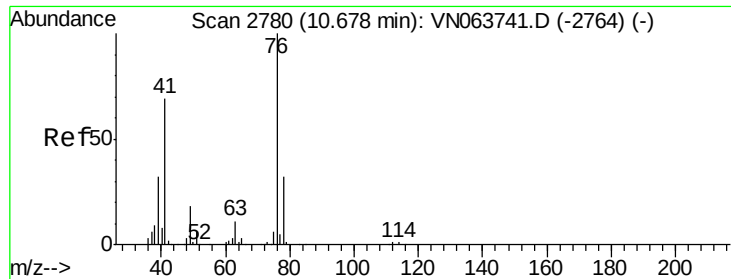


#56
 Ethyl methacrylate
 Concen: 55.361 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 69 Resp: 274542

Ion	Ratio	Lower	Upper
69	100		
41	74.7	61.1	91.7
39	44.2	42.2	63.4

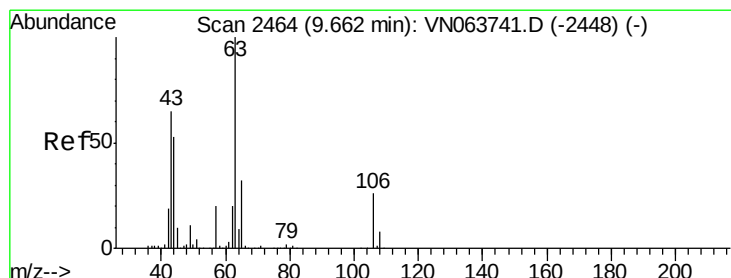
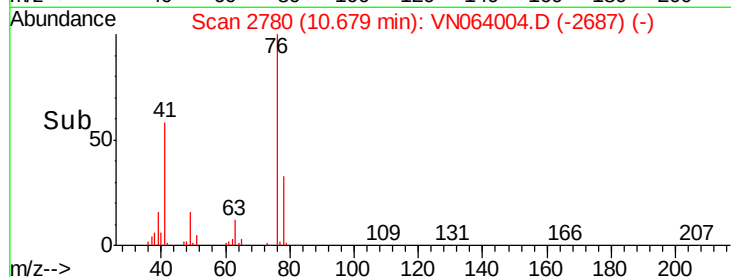
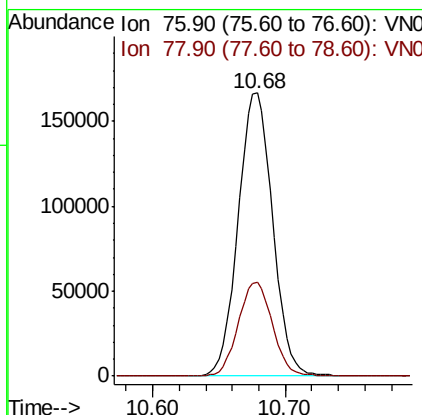
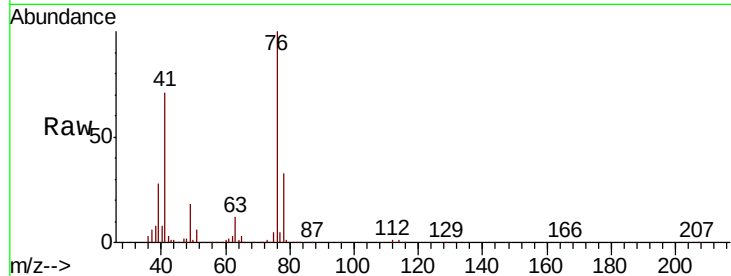




#57
 1,3-Dichloropropane
 Concen: 50.856 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

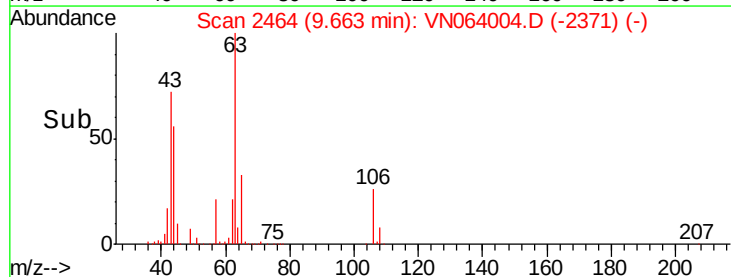
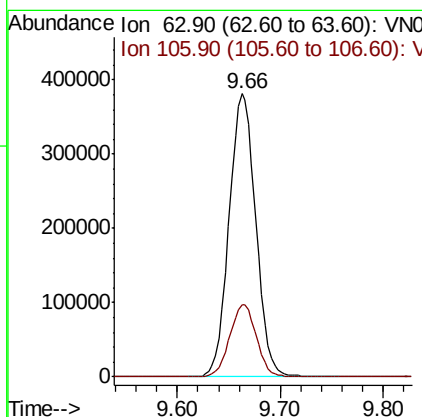
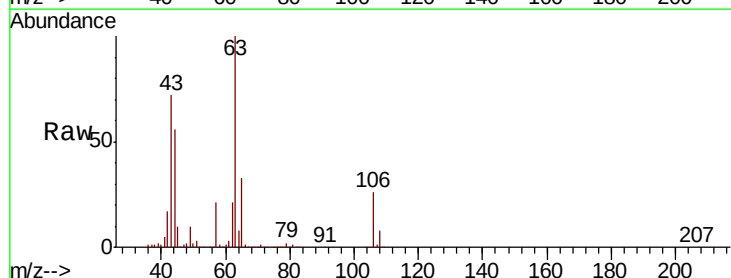
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

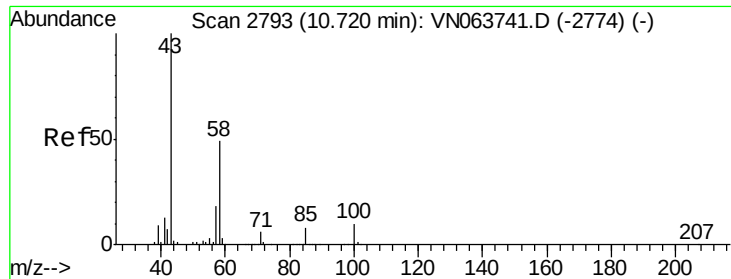
Tot Ion: 76 Resp: 301017
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.487 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 63 Resp: 688333
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.7 31.1

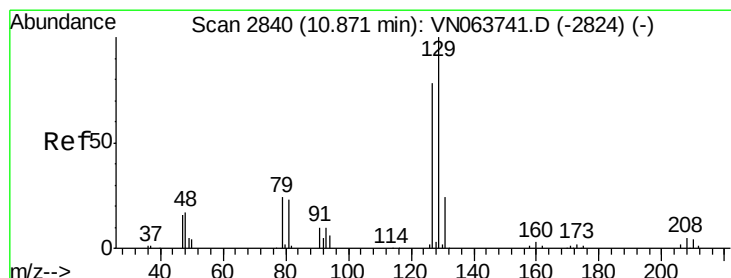
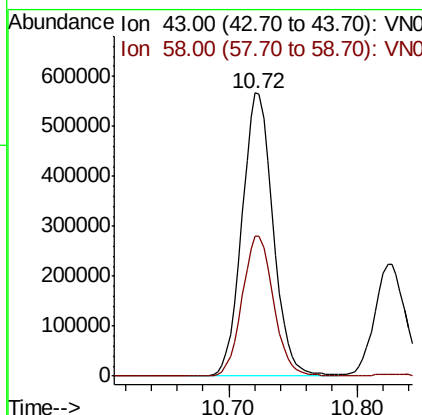
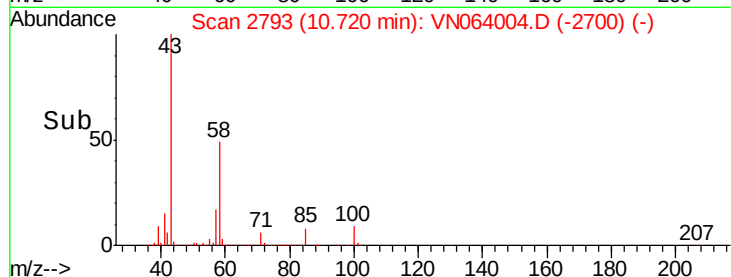
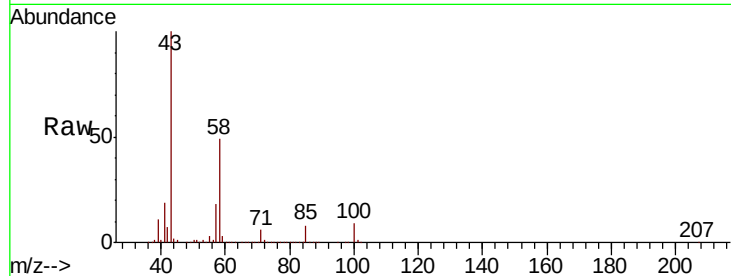




#59
2-Hexanone
Concen: 269.648 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

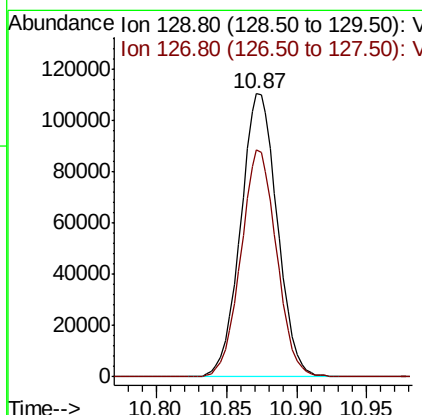
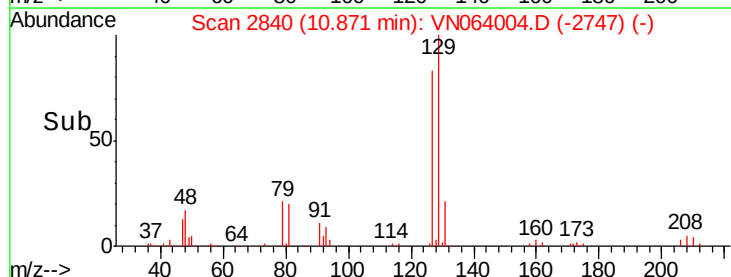
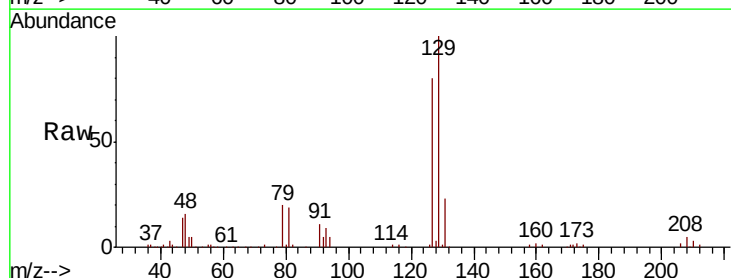
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

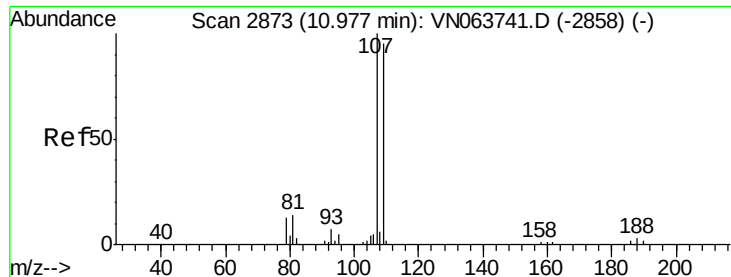
Tot Ion: 43 Resp: 951246
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.8



#60
Dibromochloromethane
Concen: 49.447 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion: 129 Resp: 201468
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7

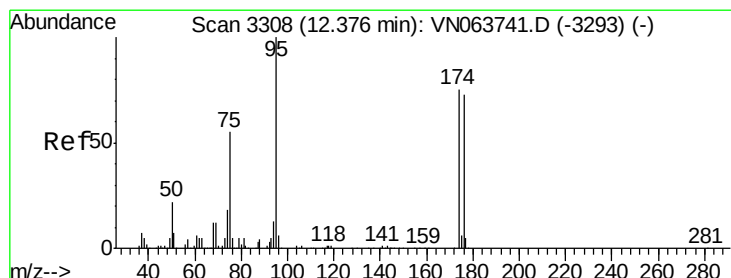
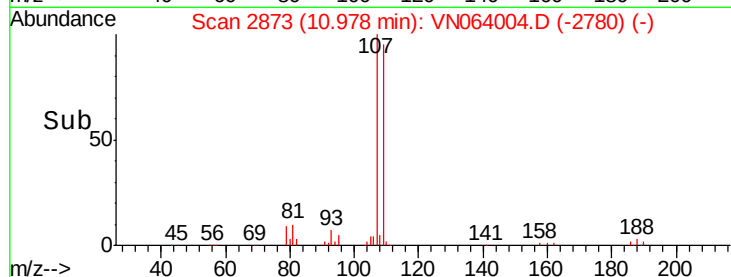
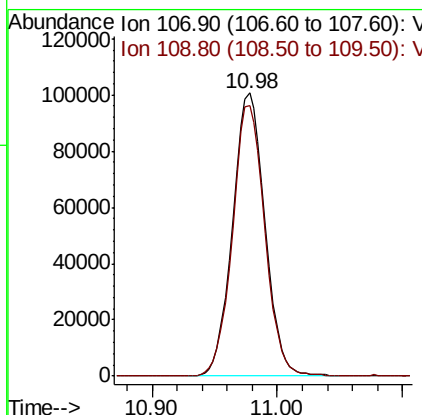
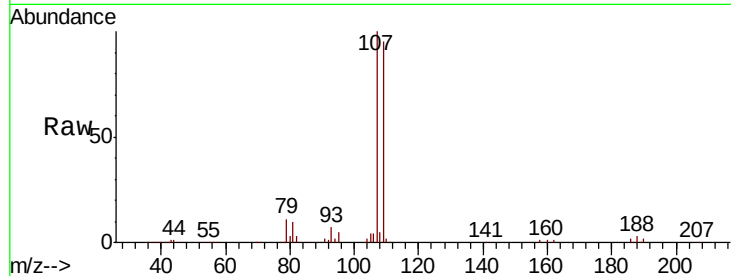




#61
 1,2-Dibromoethane
 Concen: 50.363 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

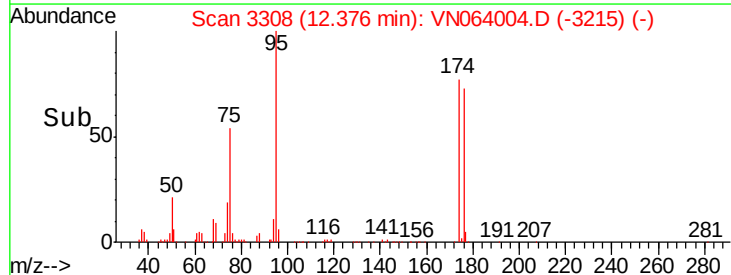
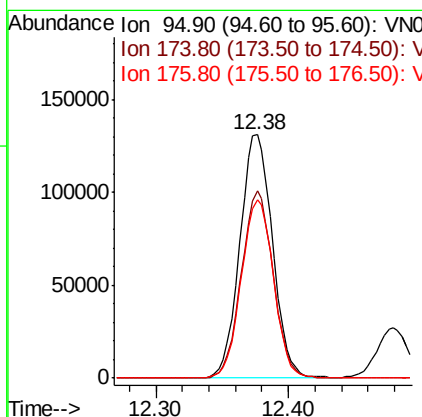
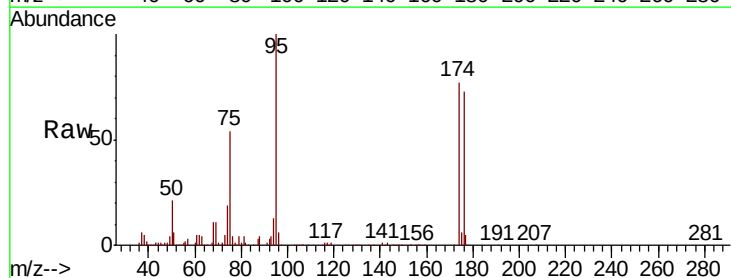
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

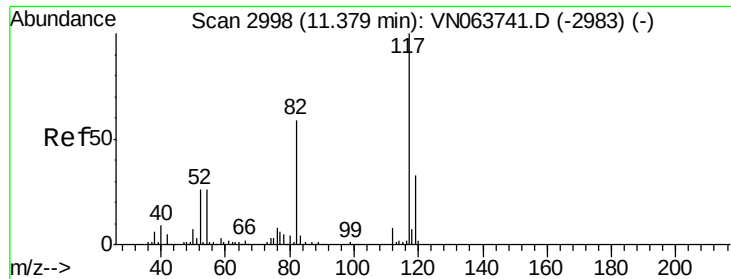
Tot Ion:107 Resp: 180239
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.323 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 95 Resp: 223254
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.6
 176 72.7 0.0 145.4

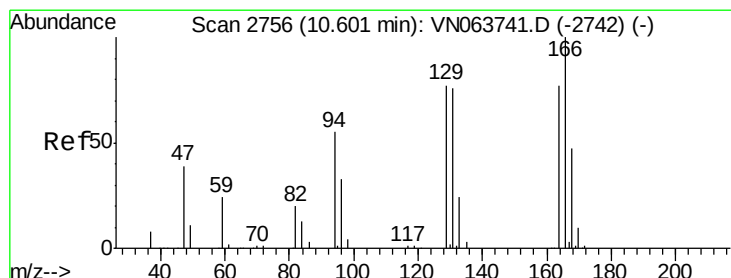
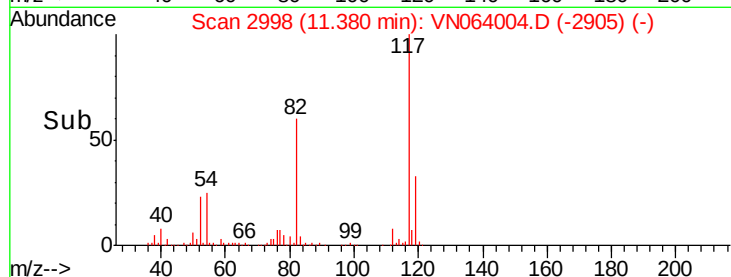
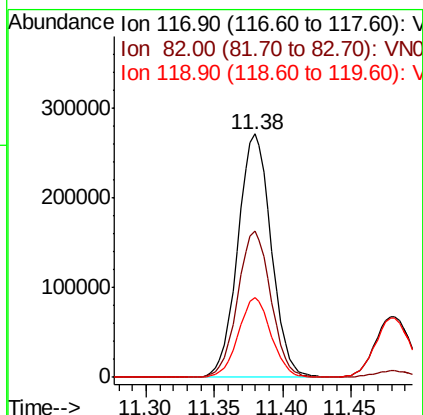
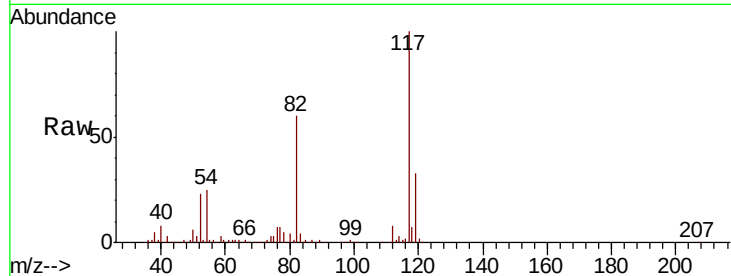




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

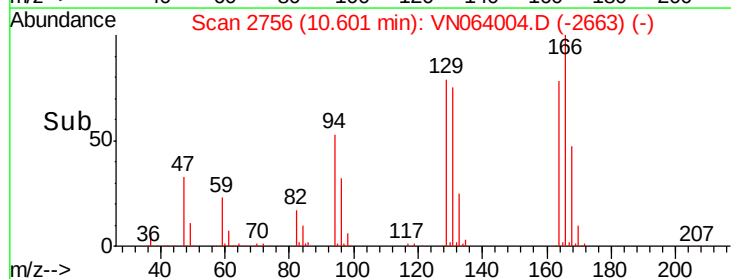
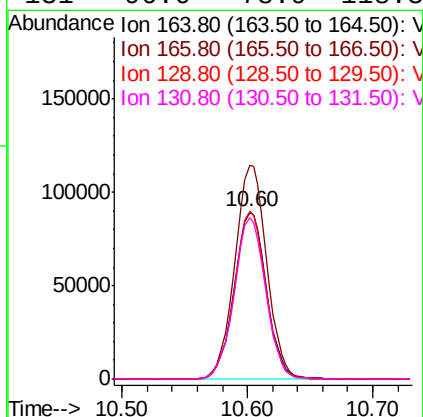
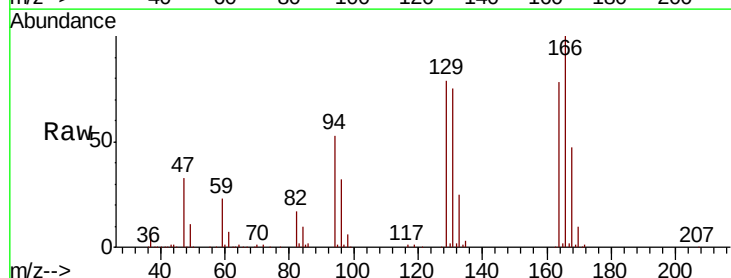
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

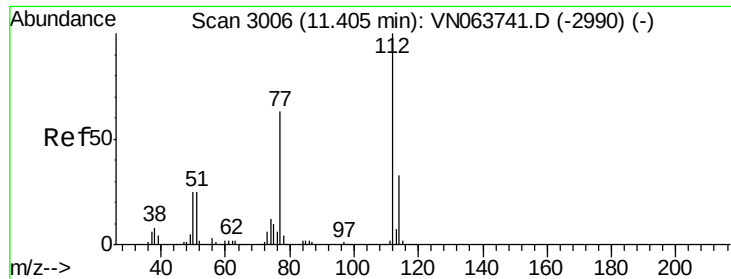
Tot Ion:117 Resp: 461186
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.6 26.4 39.6



#64
Tetrachloroethene
Concen: 44.443 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion:164 Resp: 158574
Ion Ratio Lower Upper
164 100
166 128.2 103.9 155.9
129 100.7 80.3 120.5
131 96.6 78.9 118.3

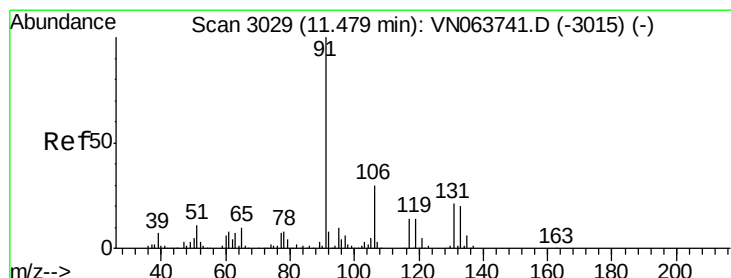
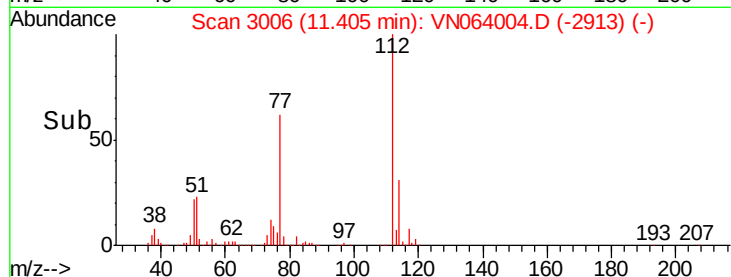
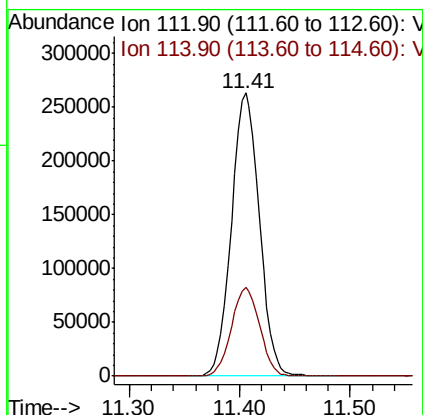
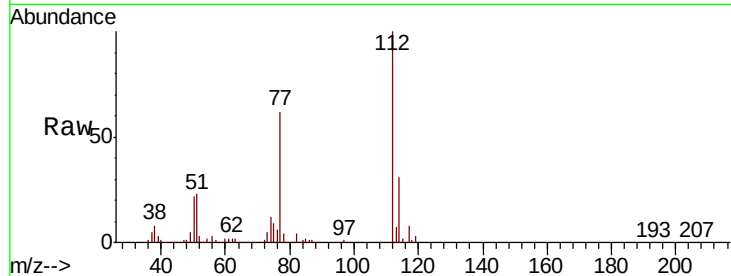




#65
Chlorobenzene
Concen: 48.905 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

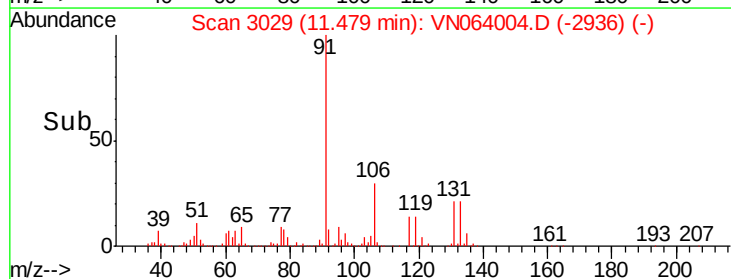
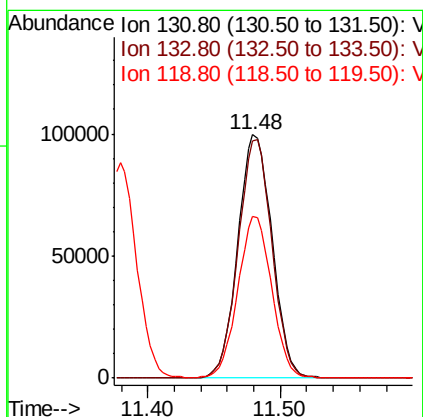
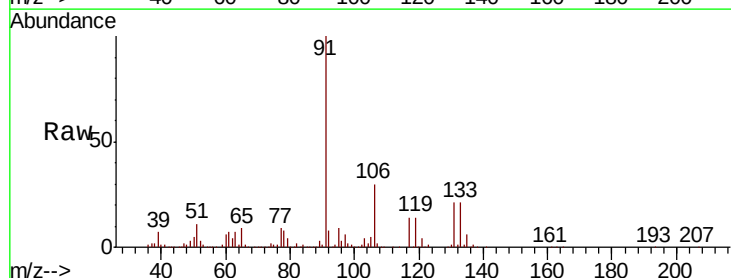
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

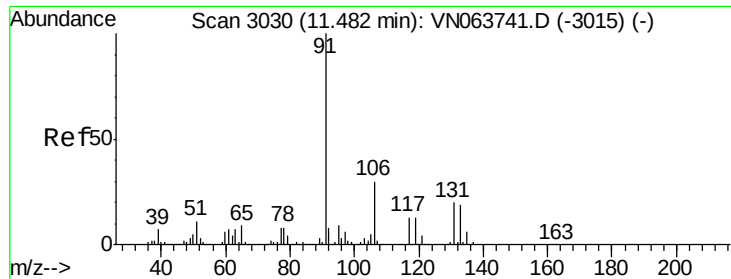
Tot Ion:112 Resp: 462657
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.443 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion:131 Resp: 179323
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 65.7 32.6 97.7

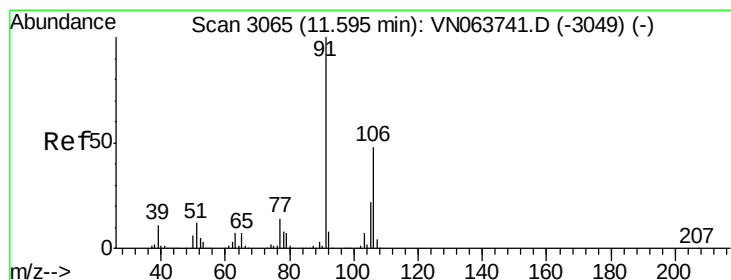
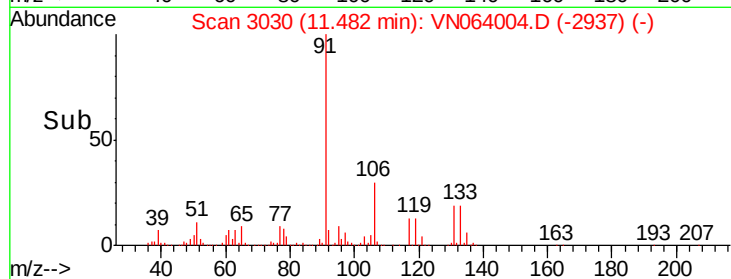
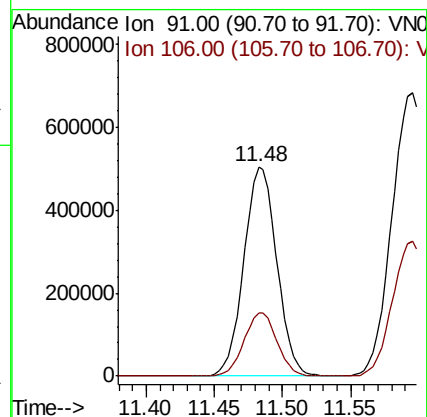
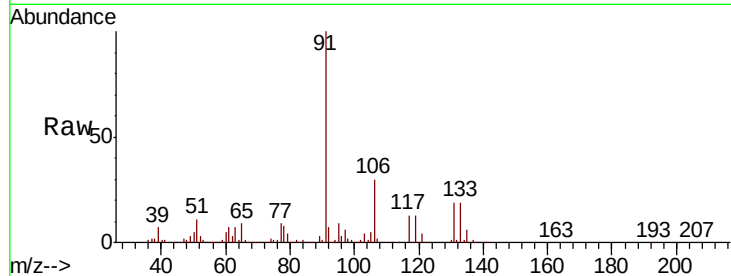




#67
Ethyl Benzene
Concen: 49.199 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

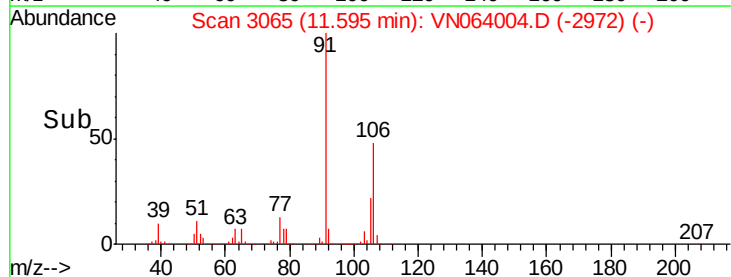
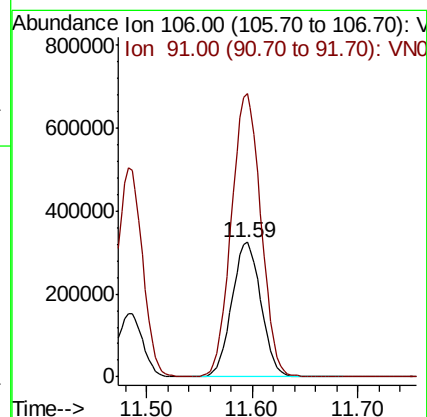
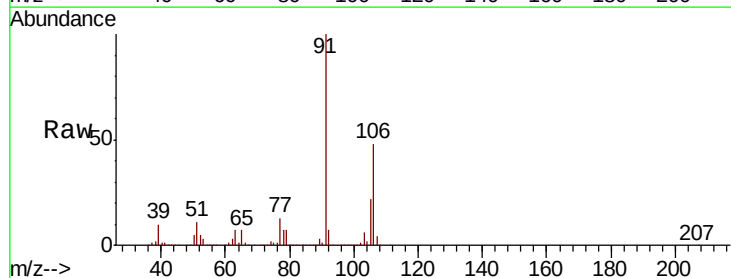
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

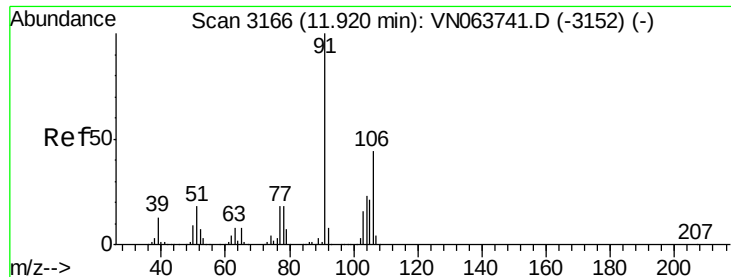
Tot Ion: 91 Resp: 846931
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 96.631 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion: 106 Resp: 619965
Ion Ratio Lower Upper
106 100
91 213.2 168.0 252.0

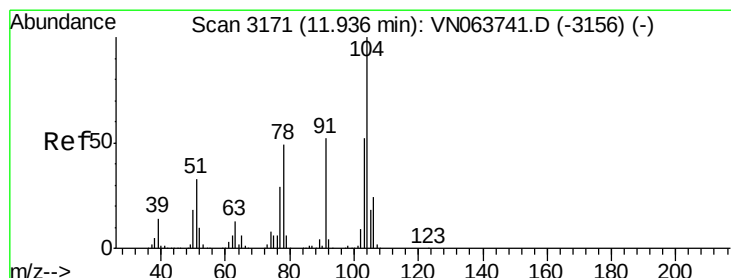
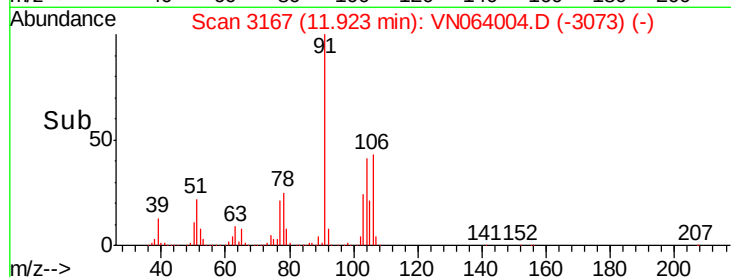
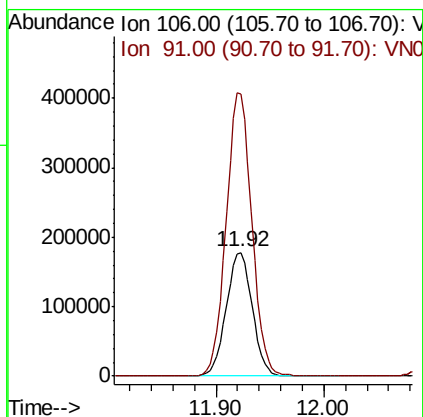
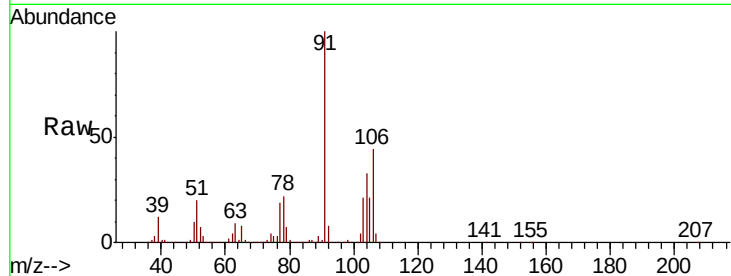




#69
o-Xylene
Concen: 49.691 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

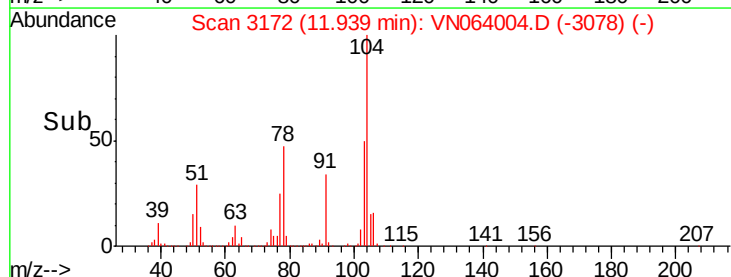
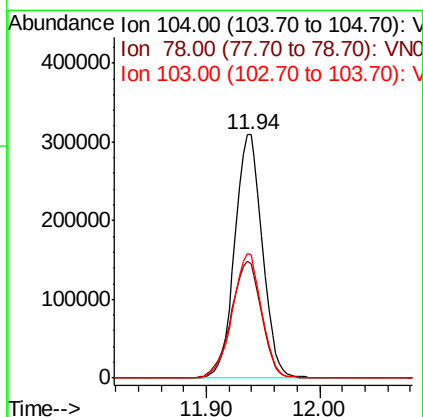
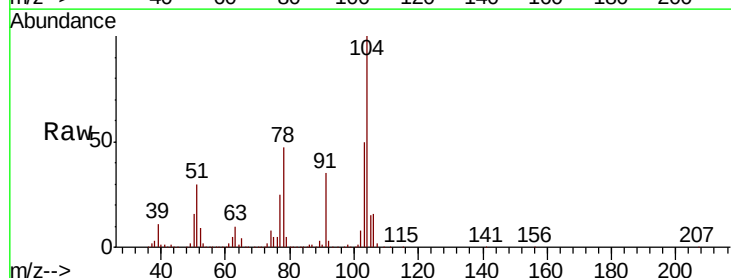
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

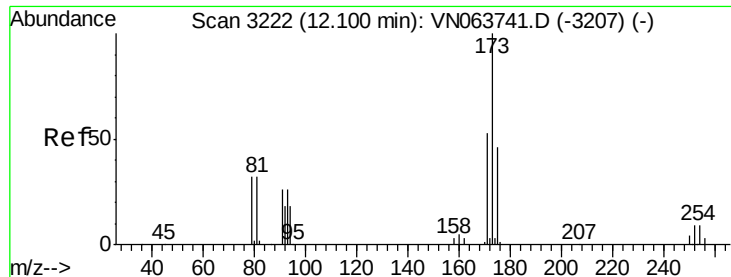
Tot Ion:106 Resp: 297975
Ion Ratio Lower Upper
106 100
91 225.9 112.7 338.0



#70
Styrene
Concen: 51.686 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion:104 Resp: 526118
Ion Ratio Lower Upper
104 100
78 53.0 44.1 66.1
103 54.1 44.3 66.5





#71

Bromoform

Concen: 49.982 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

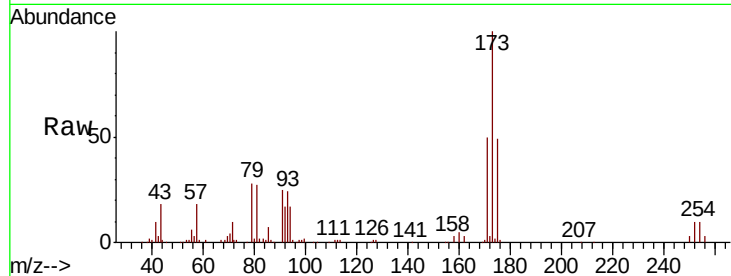
Tot Ion:173 Resp: 138643

Ion Ratio Lower Upper

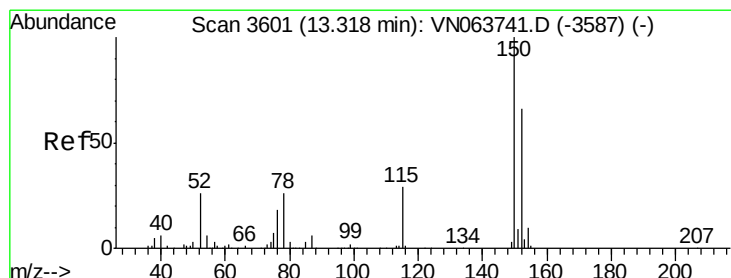
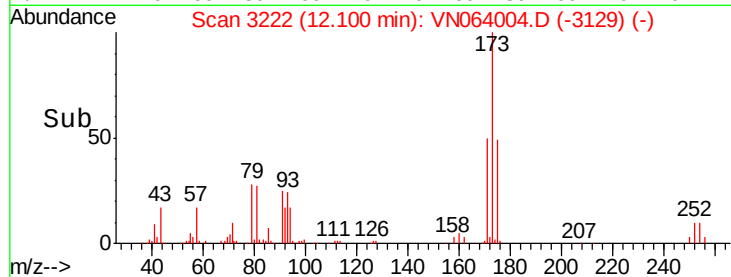
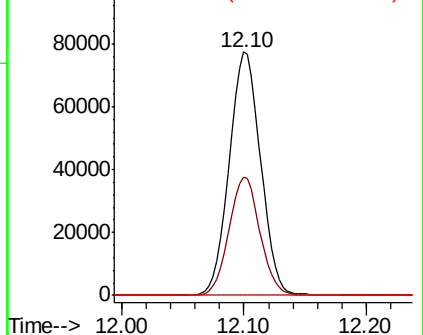
173 100

175 47.9 23.5 70.5

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

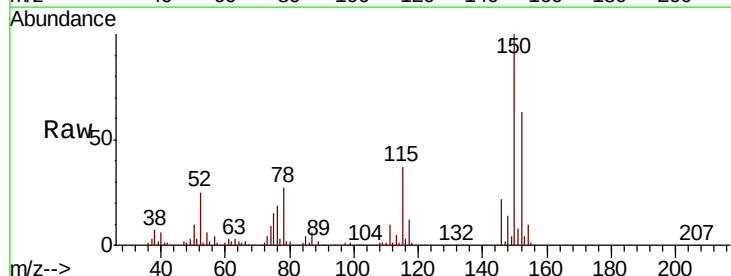
Tgt Ion:152 Resp: 221805

Ion Ratio Lower Upper

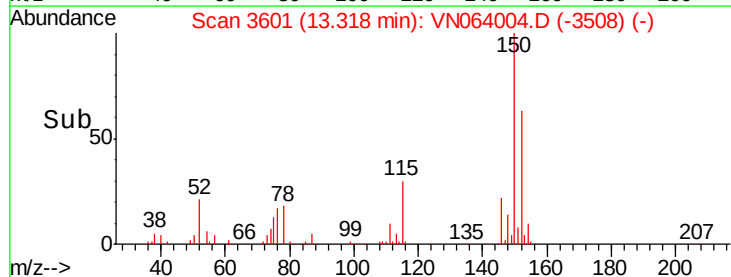
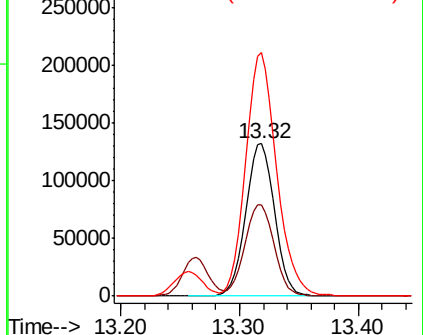
152 100

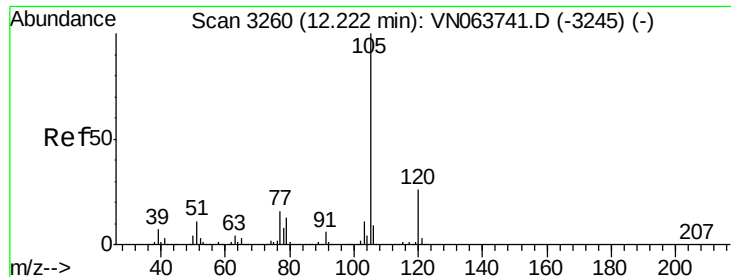
115 60.6 31.3 93.8

150 170.8 0.0 341.8



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: 49.626 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

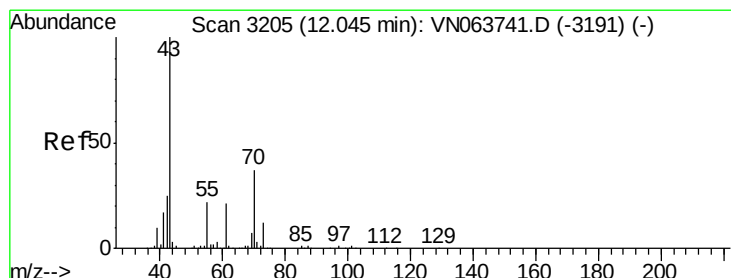
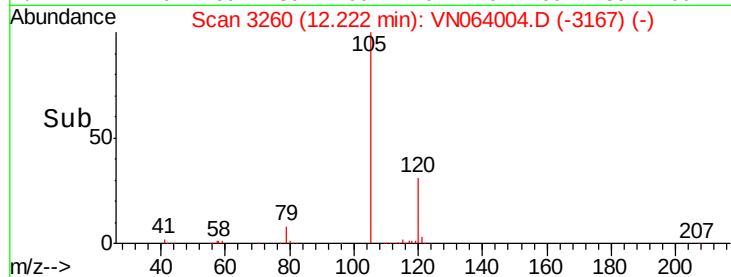
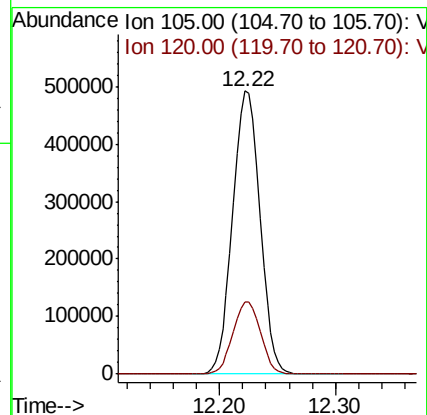
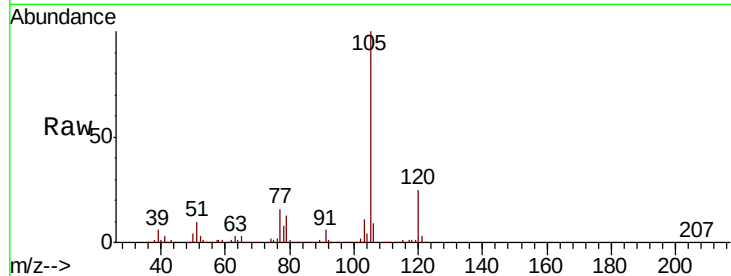
VSTDCCC050EC

Tot Ion:105 Resp: 802868

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#74

N-ethyl acetate

Concen: 59.467 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Tgt Ion: 43 Resp: 450455

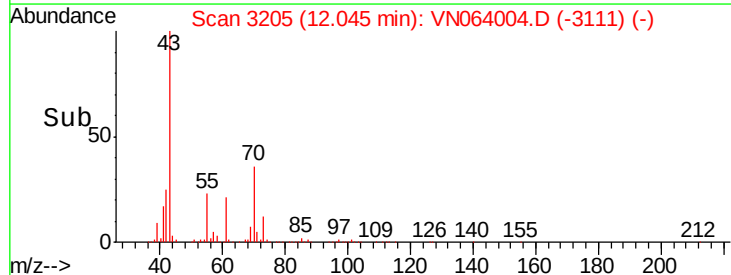
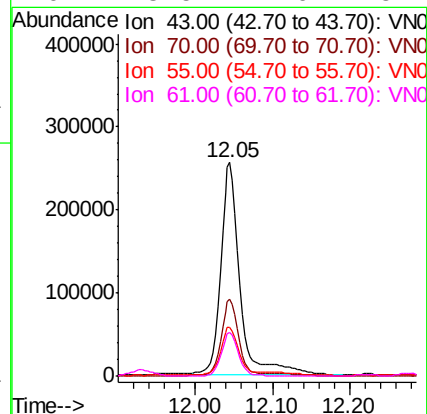
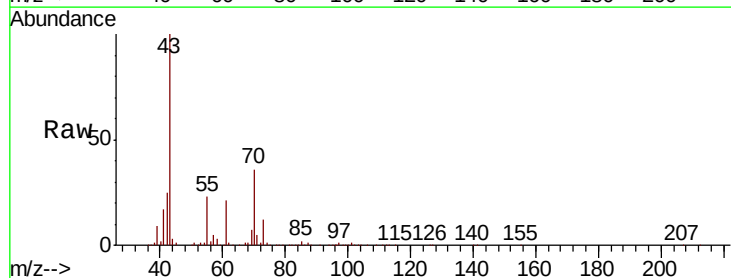
Ion Ratio Lower Upper

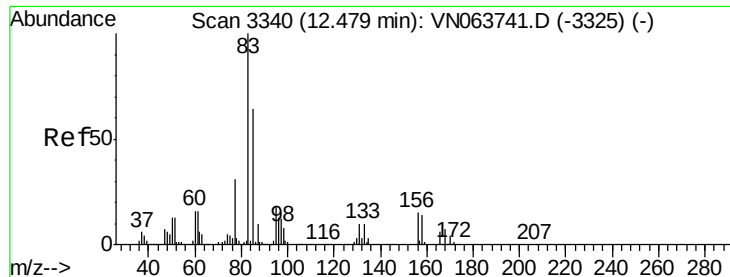
43 100

70 31.3 29.8 44.8

55 21.4 17.9 26.9

61 18.5 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.345 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

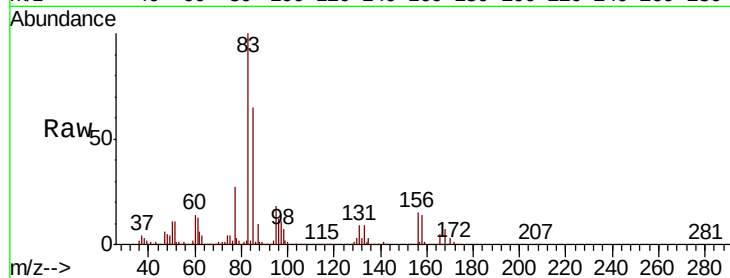
Tot Ion: 83 Resp: 254011

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

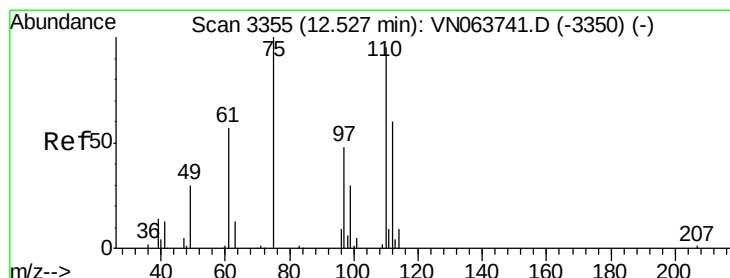
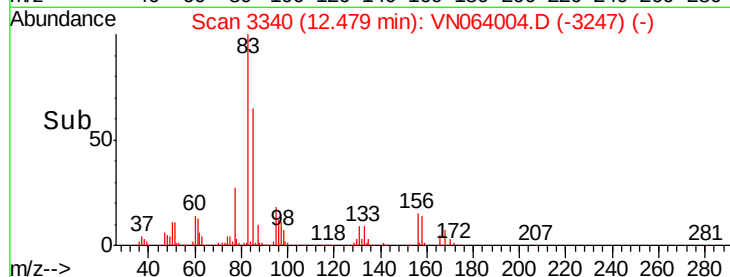
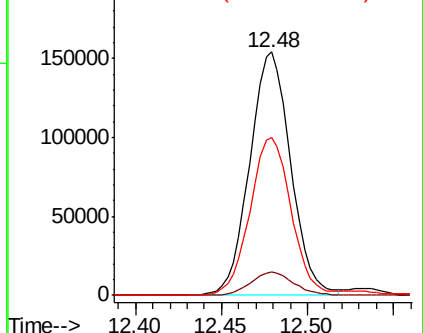
85 64.9 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN064004.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064004.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064004.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 69.586 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064004.D

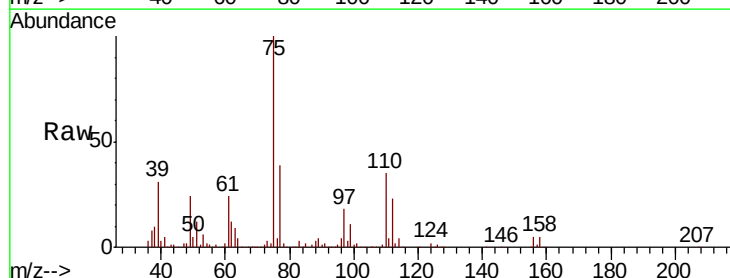
Acq: 8 Oct 2020 20:29

Tgt Ion: 75 Resp: 340236

Ion Ratio Lower Upper

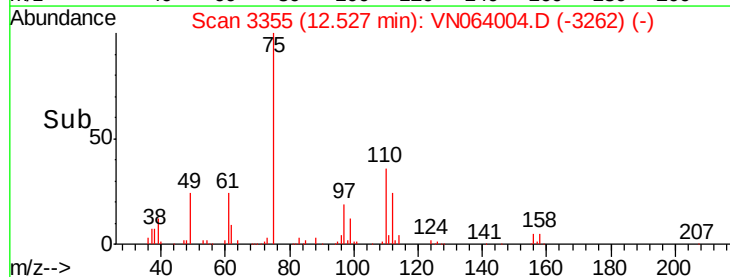
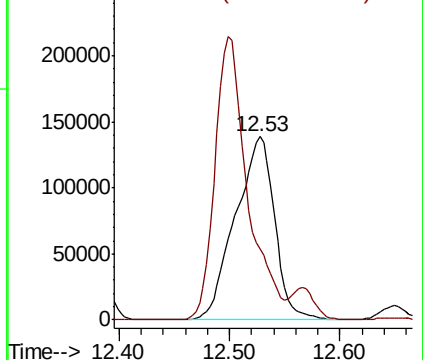
75 100

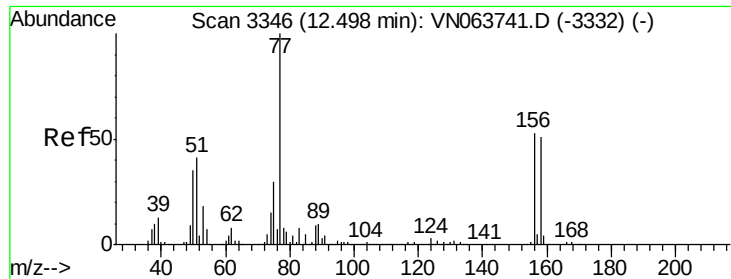
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064004.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064004.D (-3262) (-)





#77

Bromobenzene

Concen: 51.180 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

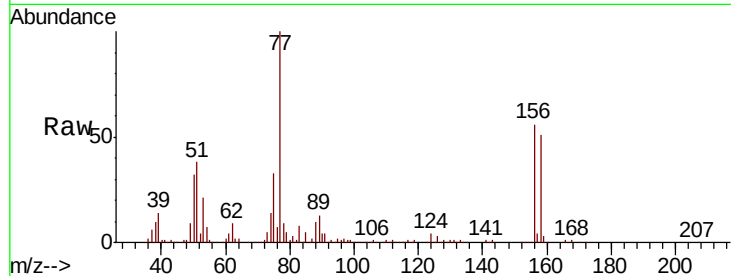
Tot Ion:156 Resp: 203171

Ion Ratio Lower Upper

156 100

77 214.7 110.9 332.7

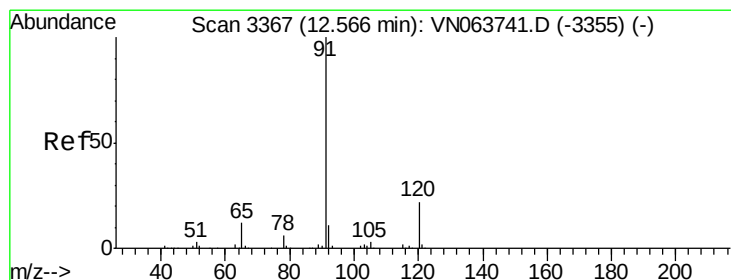
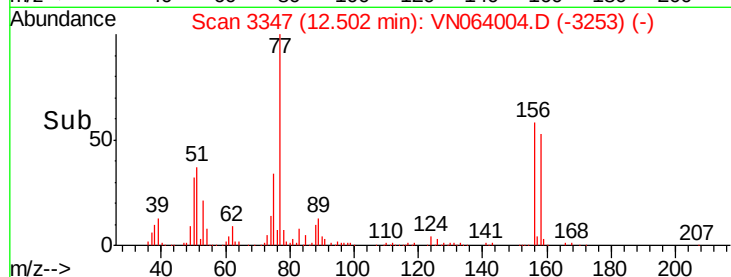
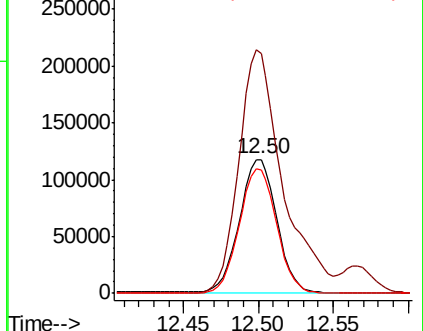
158 94.0 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.578 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064004.D

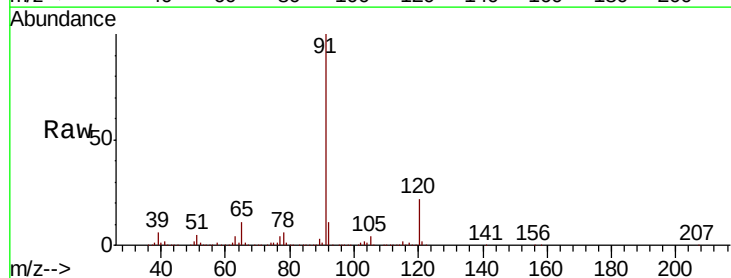
Acq: 8 Oct 2020 20:29

Tgt Ion: 91 Resp: 914644

Ion Ratio Lower Upper

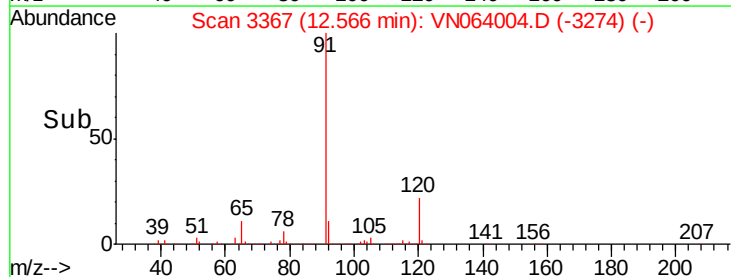
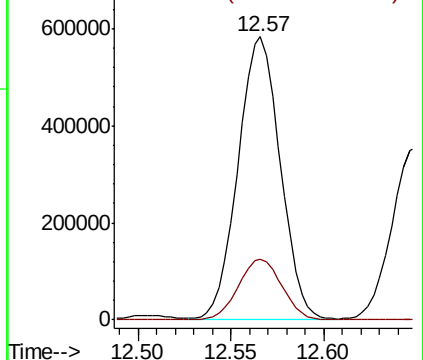
91 100

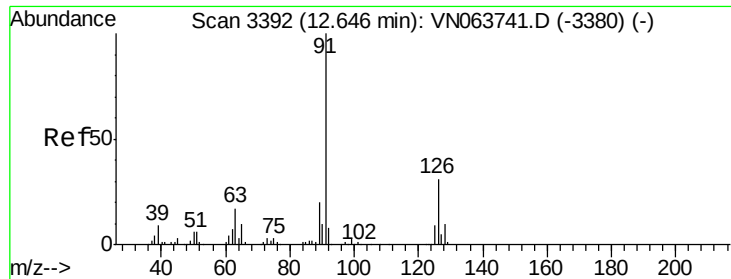
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

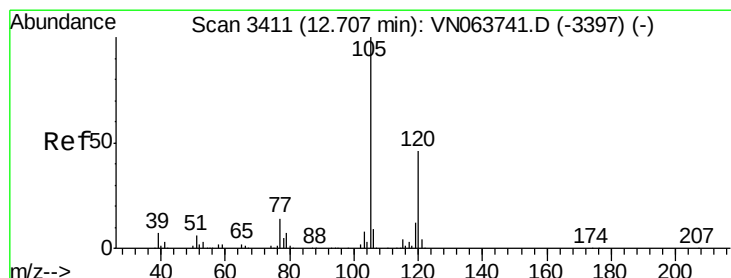
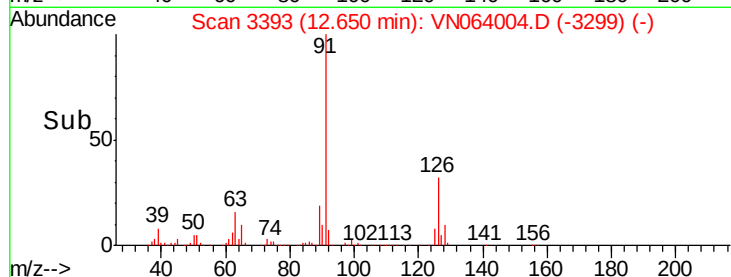
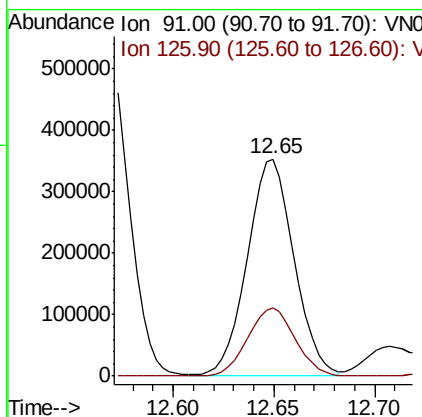
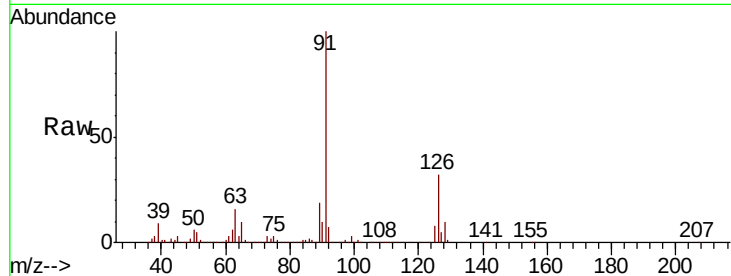




#79
 2-Chlorotoluene
 Concen: 48.965 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

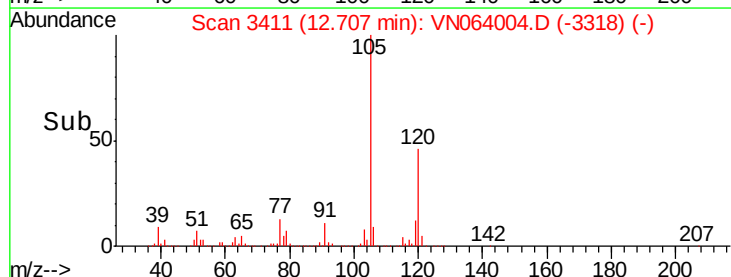
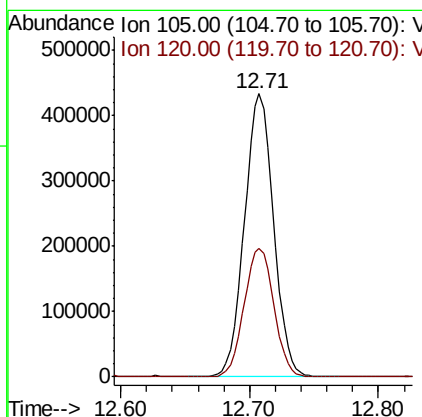
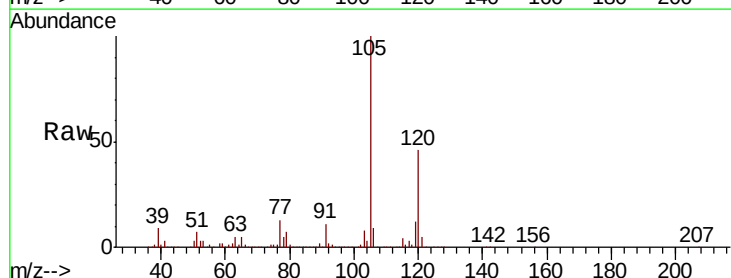
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

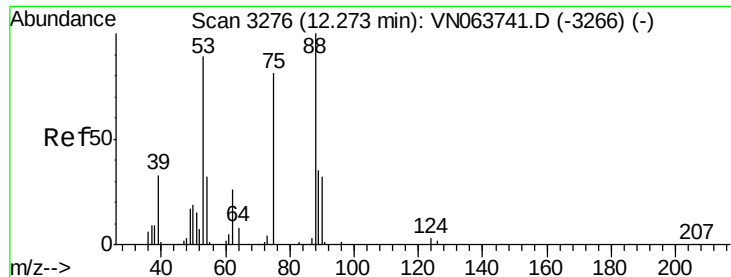
Tot Ion: 91 Resp: 566998
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.996 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion: 105 Resp: 678578
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.169 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

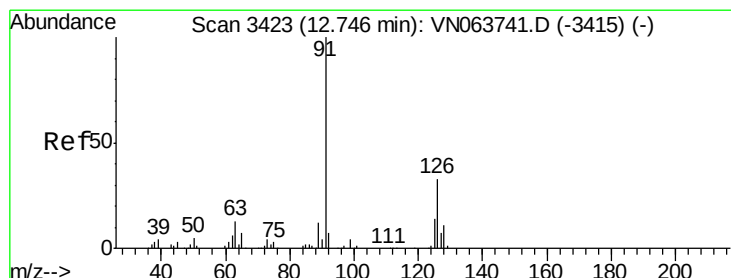
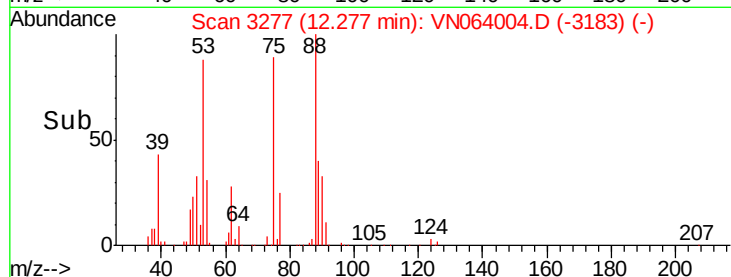
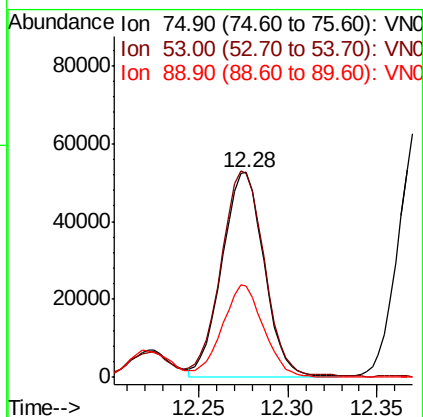
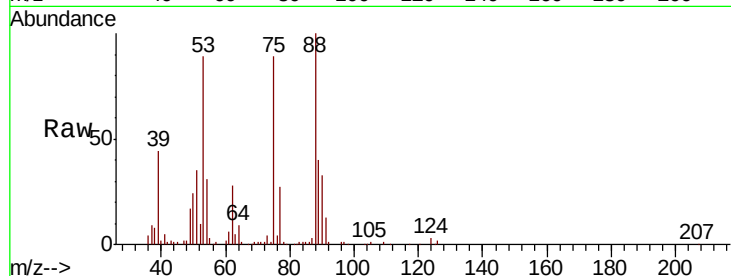
Tot Ion: 75 Resp: 86867

Ion Ratio Lower Upper

75 100

53 103.2 88.2 132.2

89 44.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 49.031 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064004.D

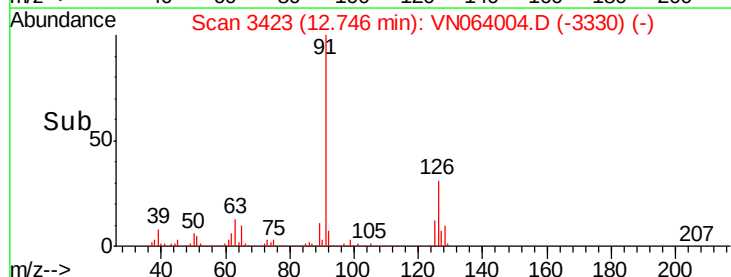
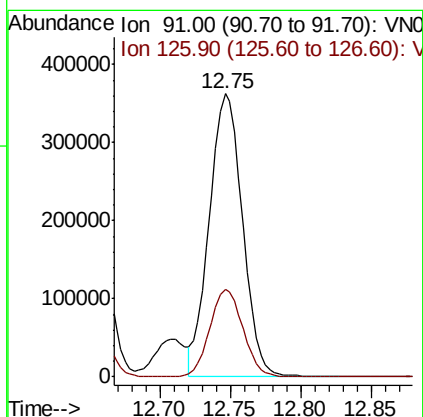
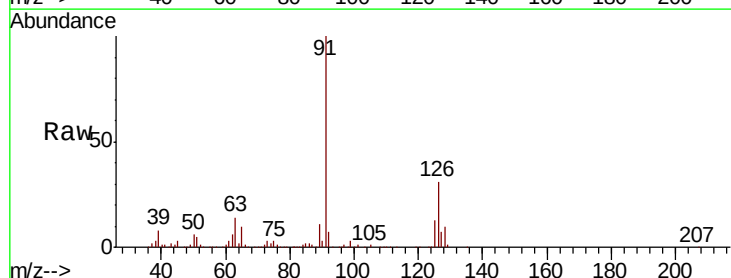
Acq: 8 Oct 2020 20:29

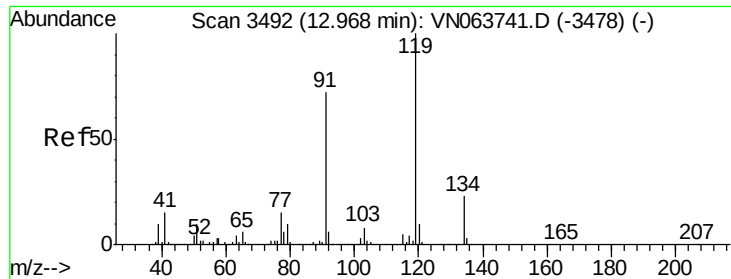
Tgt Ion: 91 Resp: 589398

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.2

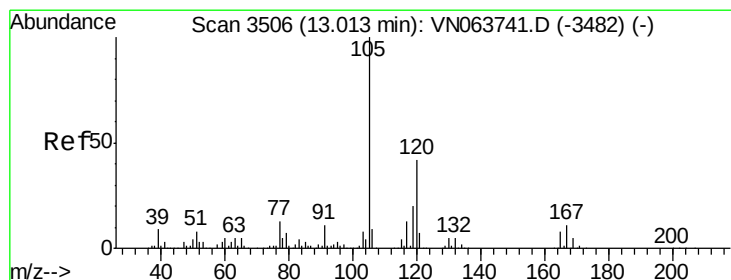
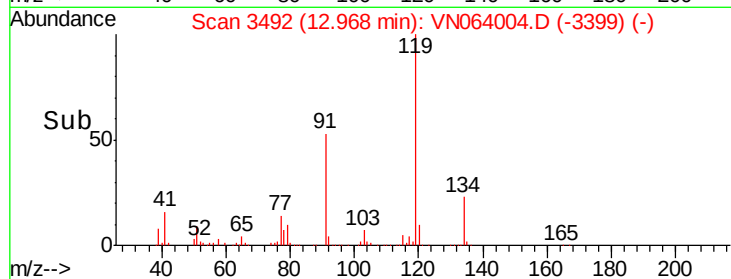
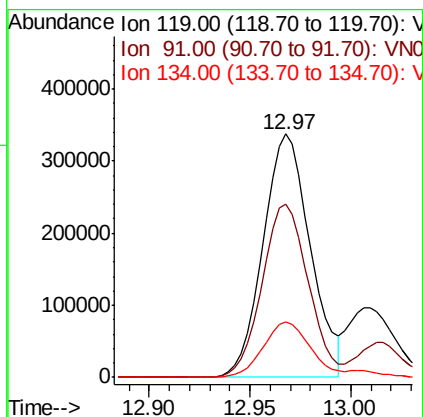
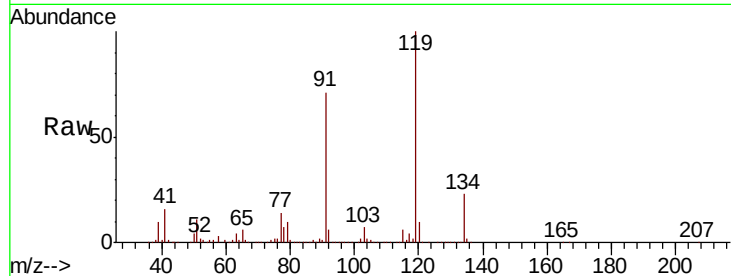




#83
 tert-Butylbenzene
 Concen: 49.558 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

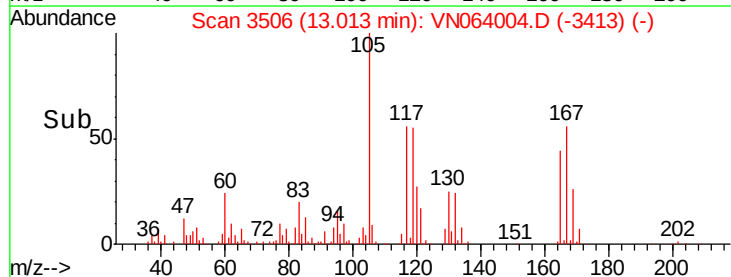
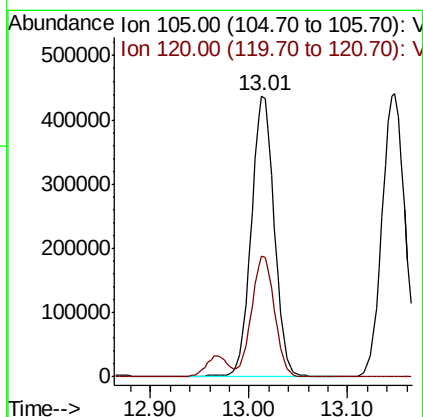
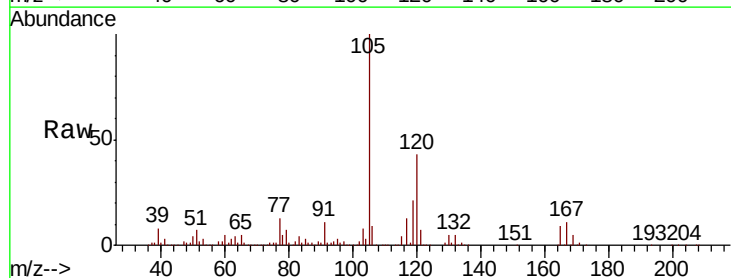
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

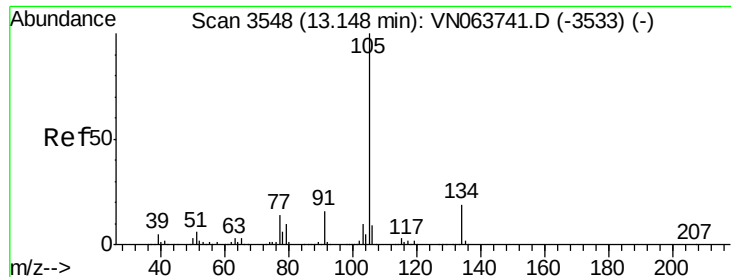
Tot Ion:119 Resp: 550199
 Ion Ratio Lower Upper
 119 100
 91 69.8 35.5 106.5
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.726 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion:105 Resp: 700945
 Ion Ratio Lower Upper
 105 100
 120 42.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 48.822 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

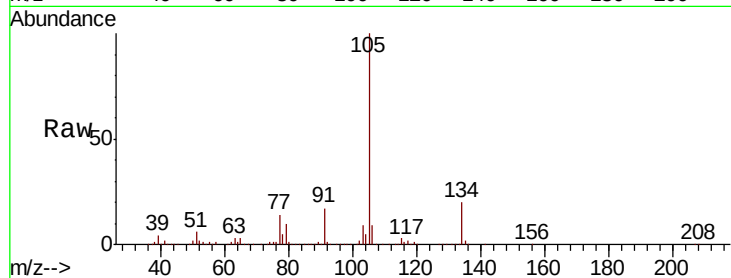
VSTDCCC050EC

Tot Ion:105 Resp: 711931

Ion Ratio Lower Upper

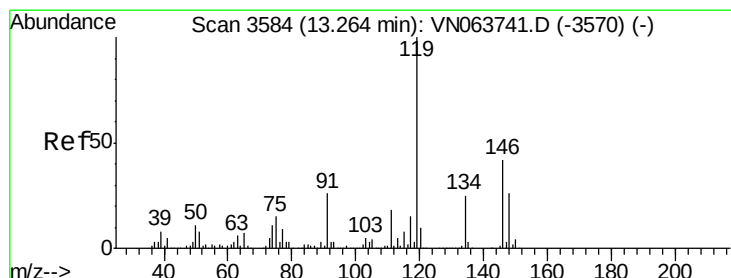
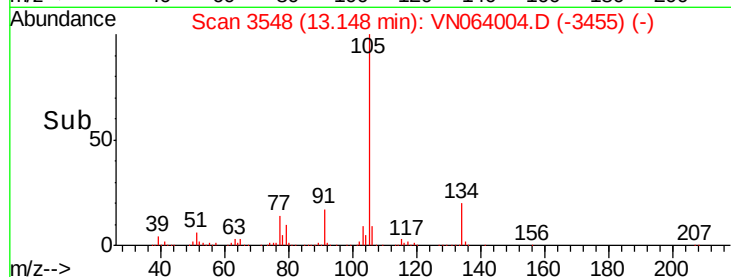
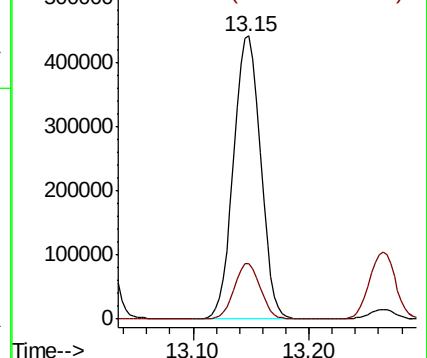
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.623 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

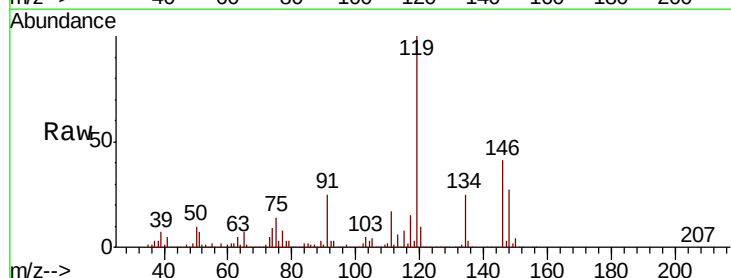
Tgt Ion:119 Resp: 640138

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

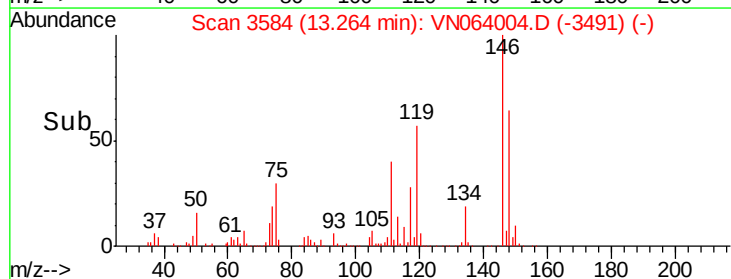
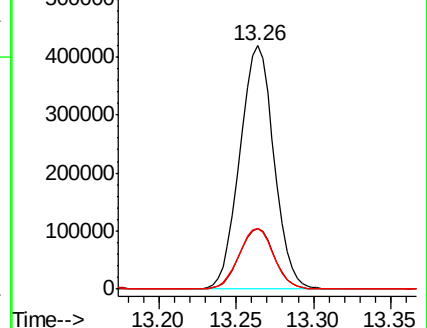
91 25.4 13.4 40.2

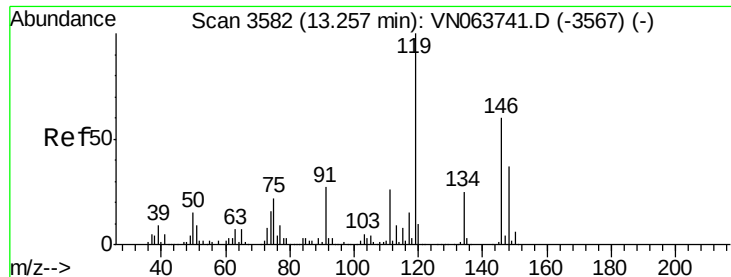


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

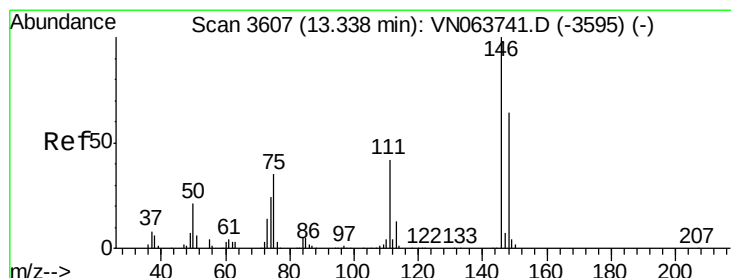
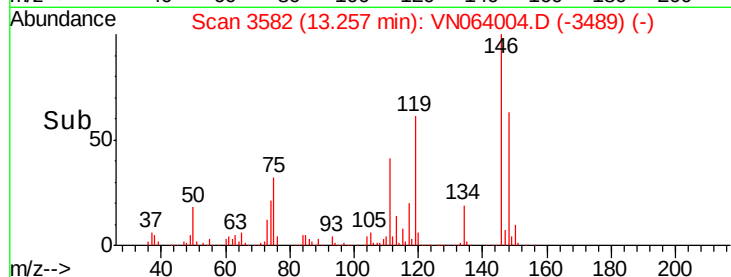
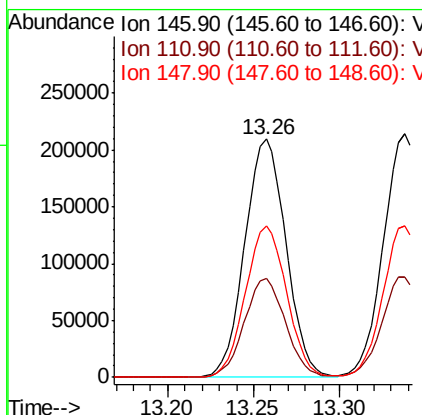
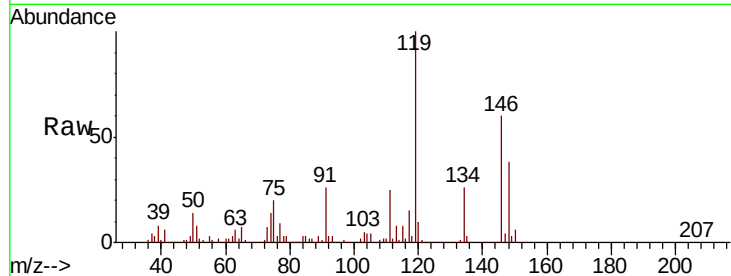




#87
 1,3-Dichlorobenzene
 Concen: 48.566 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

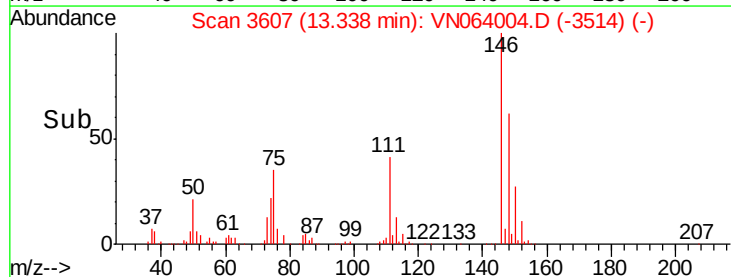
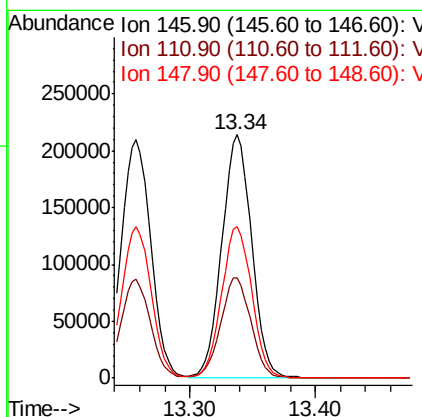
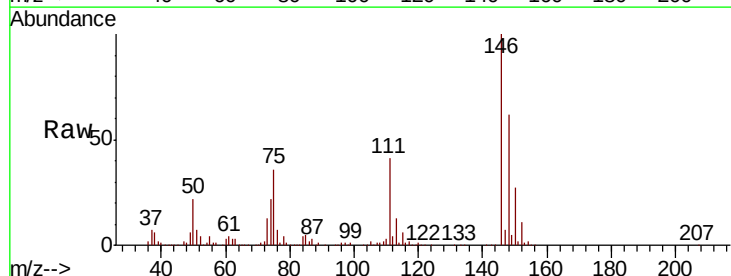
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

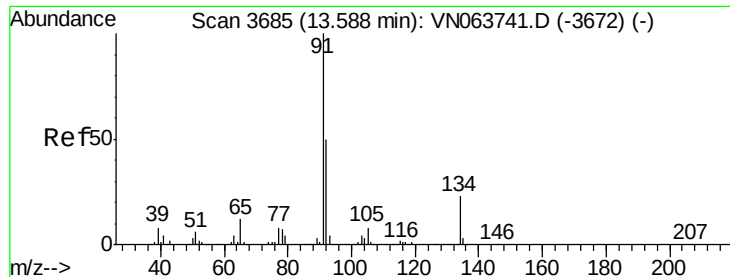
Tot Ion:146 Resp: 348792
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.5 64.5
 148 63.6 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 47.171 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion:146 Resp: 352730
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.7
 148 62.9 32.0 96.0





#89

n-Butylbenzene

Concen: 45.899 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064004.D

Acq: 8 Oct 2020 20:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

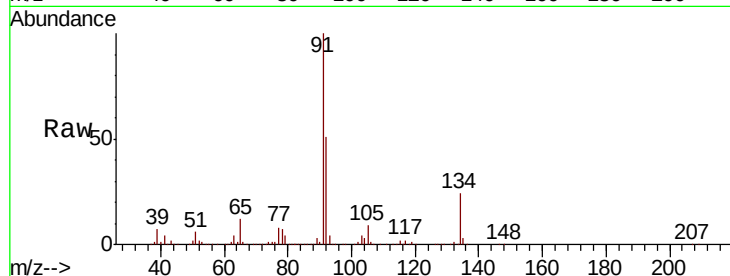
Tot Ion: 91 Resp: 546492

Ion Ratio Lower Upper

91 100

92 51.3 25.4 76.4

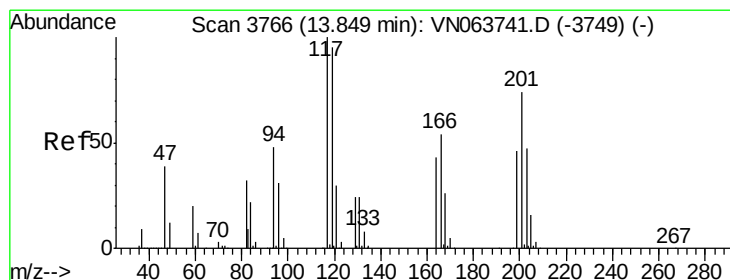
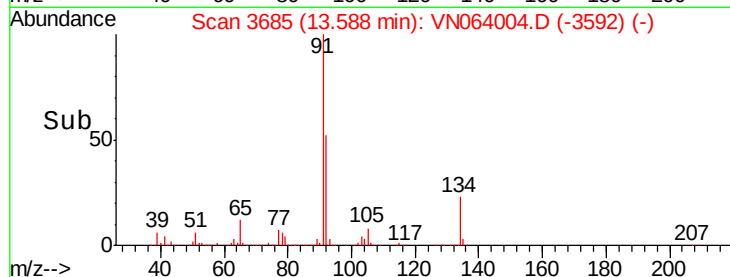
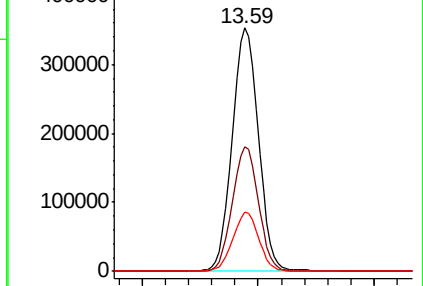
134 24.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 47.860 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064004.D

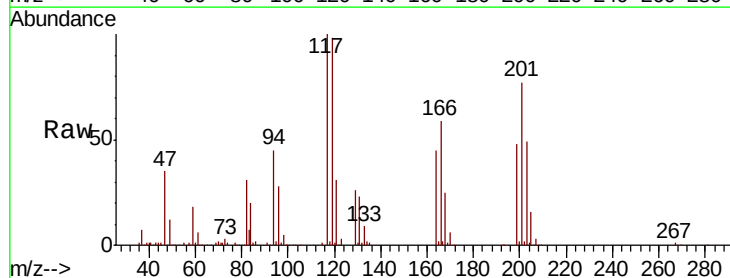
Acq: 8 Oct 2020 20:29

Tgt Ion: 117 Resp: 119637

Ion Ratio Lower Upper

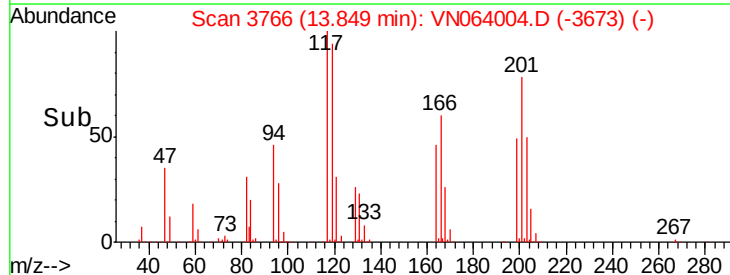
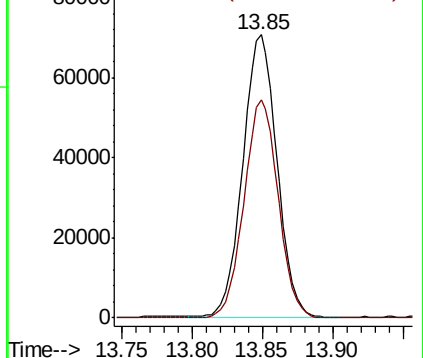
117 100

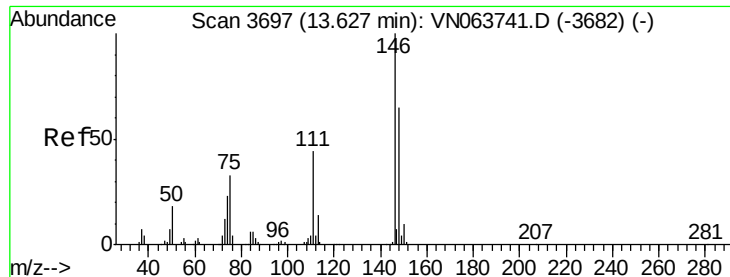
201 77.2 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

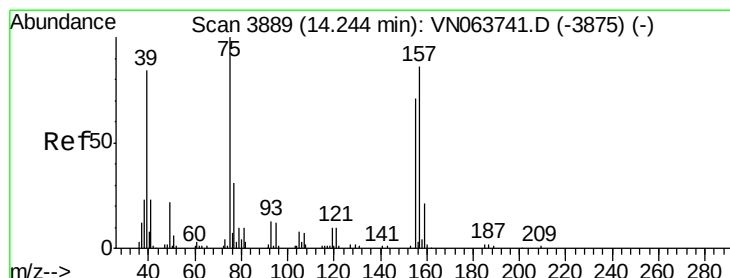
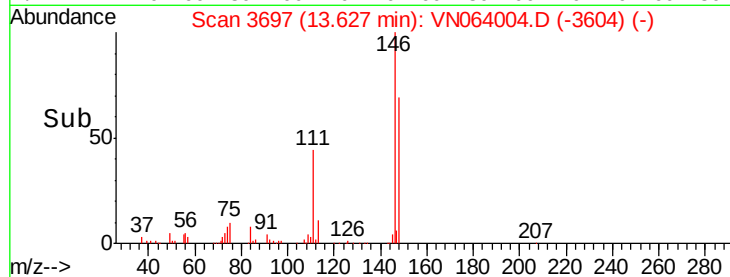
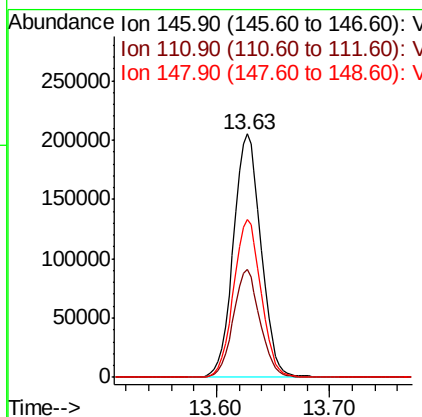
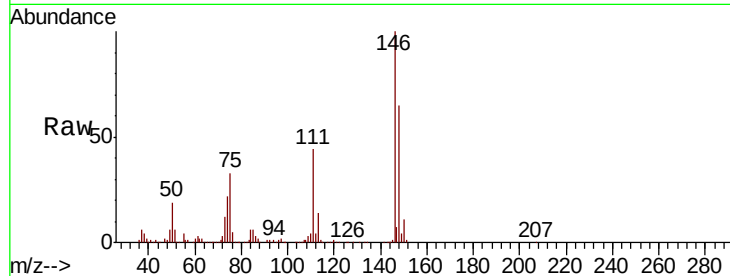




#91
 1,2-Dichlorobenzene
 Concen: 48.972 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

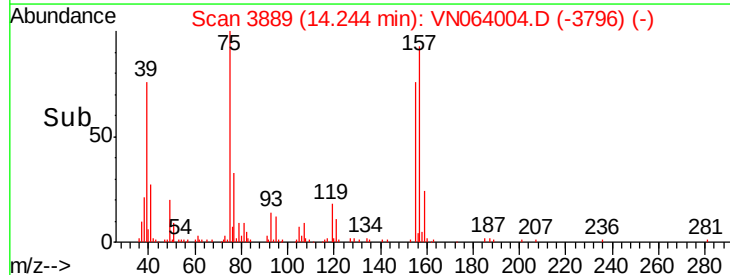
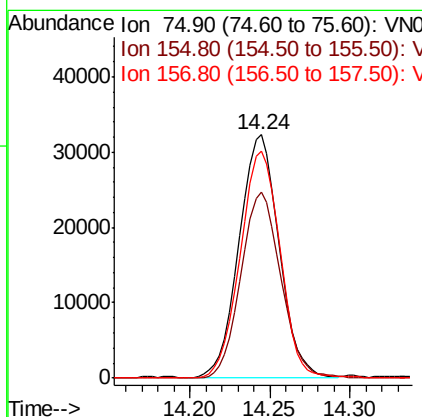
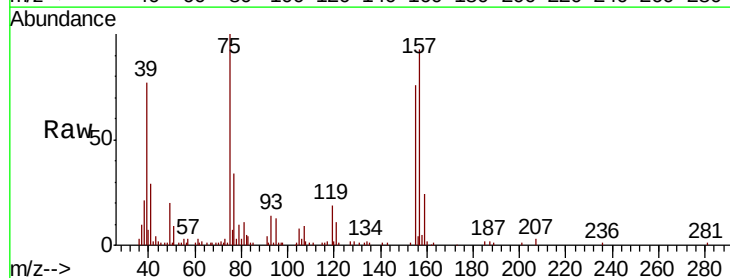
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

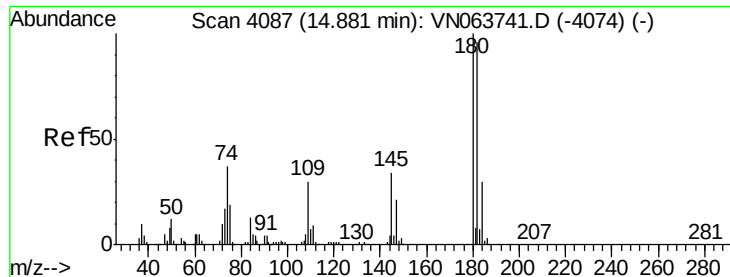
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.2	66.6
148	64.7	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.510 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	34.8	104.5
157	93.2	43.7	131.1

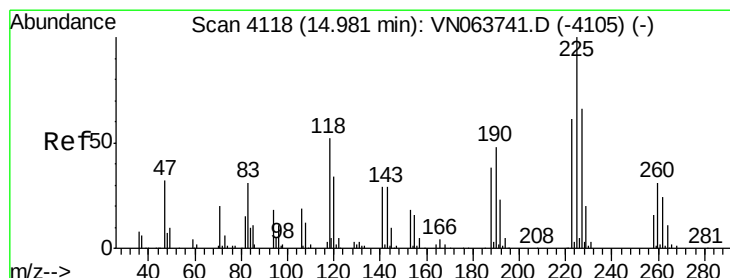
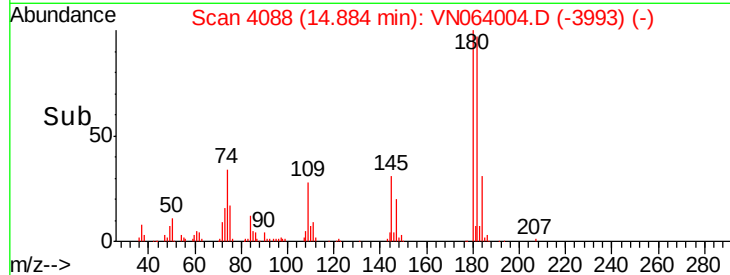
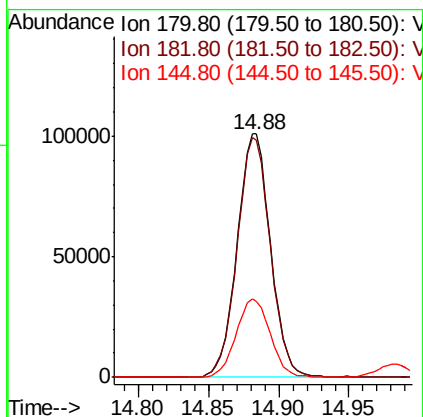
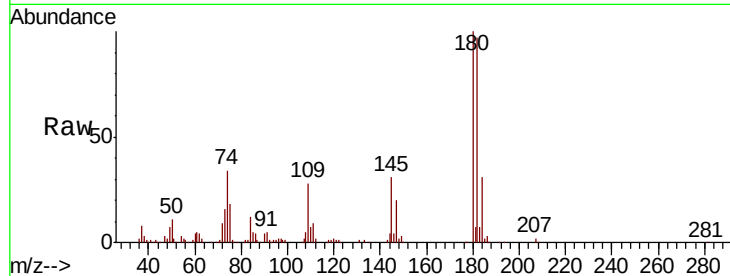




#93
 1,2,4-Trichlorobenzene
 Concen: 43.479 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

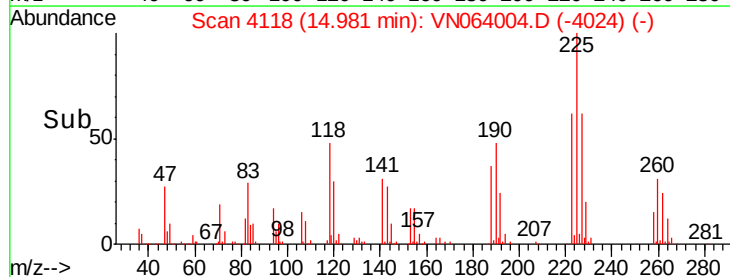
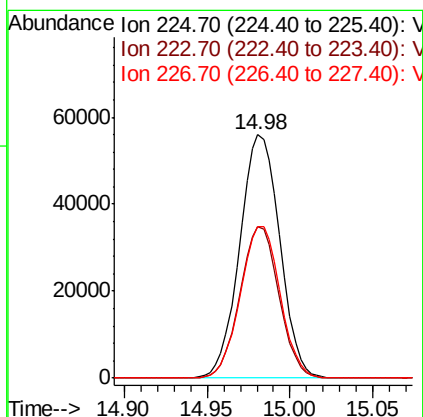
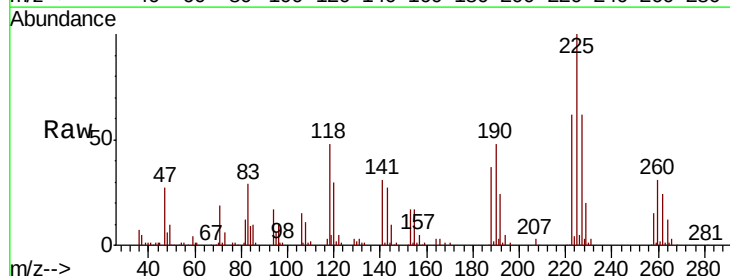
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

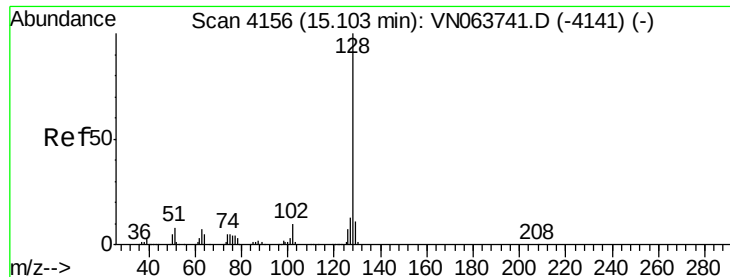
Tot Ion:180 Resp: 167271
 Ion Ratio Lower Upper
 180 100
 182 97.8 48.2 144.6
 145 32.9 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 48.770 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064004.D
 Acq: 8 Oct 2020 20:29

Tgt Ion:225 Resp: 94060
 Ion Ratio Lower Upper
 225 100
 223 60.6 30.3 91.0
 227 61.8 31.9 95.5

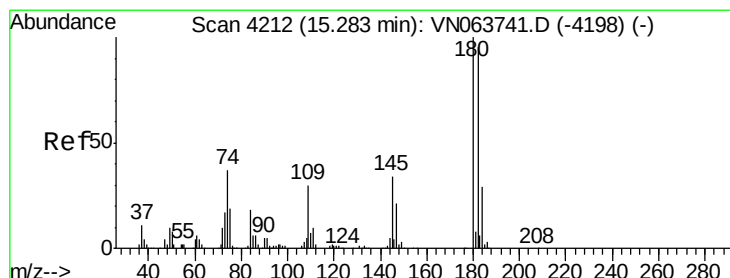
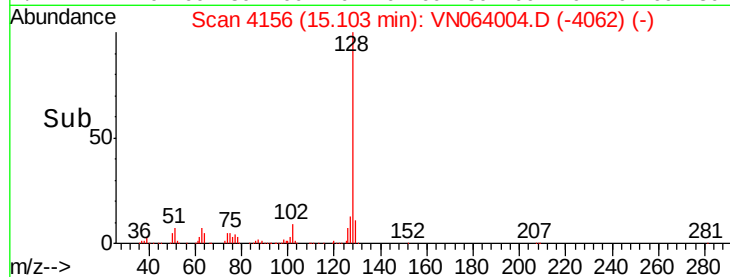
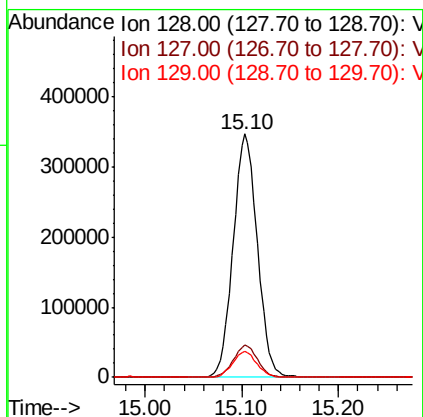
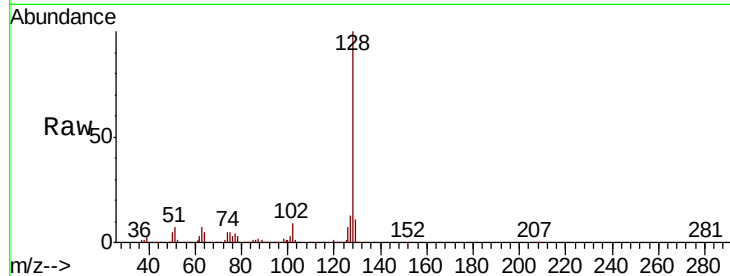




#95
Naphthalene
Concen: 50.321 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 602403
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.865 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064004.D
Acq: 8 Oct 2020 20:29

Tgt Ion:180 Resp: 171561
Ion Ratio Lower Upper
180 100
182 92.8 47.9 143.6
145 33.3 17.2 51.5

