

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064450.D
 Acq On : 4 Nov 2020 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 00:50:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	311511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	558511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	526507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	237442	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	267329	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	186380	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.06	98	700785	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	12.38	95	264334	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	196499	48.458	ug/l	97
3) Chloromethane	2.04	50	236753	48.067	ug/l	99
4) Vinyl Chloride	2.17	62	250650	49.555	ug/l	99
5) Bromomethane	2.53	94	157969	48.888	ug/l	96
6) Chloroethane	2.67	64	163066	50.355	ug/l	99
7) Trichlorofluoromethane	2.99	101	366237	49.173	ug/l	99
8) Diethyl Ether	3.38	74	131552	50.017	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	165933	46.916	ug/l	99
10) Methyl Iodide	3.91	142	209619	51.007	ug/l	99
11) Tert butyl alcohol	4.75	59	169675	283.557	ug/l	99
12) 1,1-Dichloroethene	3.69	96	163071	48.948	ug/l	95
13) Acrolein	3.57	56	109951	296.230	ug/l	96
14) Allyl chloride	4.27	41	317365	48.697	ug/l	99
15) Acrylonitrile	4.94	53	470931	282.679	ug/l	98
16) Acetone	3.78	43	433133	209.559	ug/l	98
17) Carbon Disulfide	4.01	76	479794	48.158	ug/l	99
18) Methyl Acetate	4.28	43	210709	51.855	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	611313	50.983	ug/l	98
20) Methylene Chloride	4.50	84	199062	48.542	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	187872	49.666	ug/l	98
22) Diisopropyl ether	5.91	45	703107	50.824	ug/l	97
23) Vinyl Acetate	5.85	43	3040626	270.179	ug/l	99
24) 1,1-Dichloroethane	5.80	63	382171	50.272	ug/l	99
25) 2-Butanone	6.79	43	690173	262.075	ug/l	99
26) 2,2-Dichloropropane	6.78	77	294185	42.749	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	216908	49.486	ug/l	97
28) Bromochloromethane	7.15	49	178462	47.760	ug/l	99
29) Tetrahydrofuran	7.17	42	455887	282.159	ug/l	99
30) Chloroform	7.33	83	401376	50.229	ug/l	98
31) Cyclohexane	7.61	56	301848	45.763	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	346385	48.873	ug/l	99
36) 1,1-Dichloropropene	7.75	75	284006	48.134	ug/l	98
37) Ethyl Acetate	6.89	43	304070	50.765	ug/l	100
38) Carbon Tetrachloride	7.73	117	306934	48.674	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	252499	47.739	ug/l	99
40) Benzene	8.00	78	844866	48.729	ug/l	99
41) Methacrylonitrile	7.17	41	432829	165.463	ug/l #	17
42) 1,2-Dichloroethane	8.09	62	354762	50.703	ug/l	100
43) Isopropyl Acetate	8.13	43	507506	53.076	ug/l	100
44) Trichloroethene	8.80	130	208924	47.761	ug/l	99
45) 1,2-Dichloropropane	9.09	63	228700	49.436	ug/l	99
46) Dibromomethane	9.18	93	151114	49.621	ug/l	99
47) Bromodichloromethane	9.37	83	329846	50.372	ug/l	99
48) Methyl methacrylate	9.17	41	255454	52.944	ug/l	100
49) 1,4-Dioxane	9.17	88	72203	1136.133	ug/l	100
51) 4-Methyl-2-Pentanone	9.96	43	1573428	282.167	ug/l	100
52) Toluene	10.13	92	534746	50.568	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	348307	50.173	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	369574	49.792	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	208006	50.437	ug/l	99
56) Ethyl methacrylate	10.40	69	321749	47.513	ug/l	99
57) 1,3-Dichloropropane	10.68	76	364386	50.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	839840	260.913	ug/l	99
59) 2-Hexanone	10.72	43	1148231	252.480	ug/l	100
60) Dibromochloromethane	10.87	129	240472	52.080	ug/l	98
61) 1,2-Dibromoethane	10.98	107	221048	52.843	ug/l	99
64) Tetrachloroethene	10.60	164	185775	45.806	ug/l	96
65) Chlorobenzene	11.41	112	559683	48.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	214782	49.880	ug/l	98
67) Ethyl Benzene	11.49	91	1033483	50.339	ug/l	100
68) m/p-Xylenes	11.59	106	751360	100.913	ug/l	97
69) o-Xylene	11.92	106	361067	50.184	ug/l	99
70) Styrene	11.94	104	629355	51.983	ug/l	100
71) Bromoform	12.10	173	157905	48.868	ug/l #	100
73) Isopropylbenzene	12.22	105	938928	49.751	ug/l	99
74) N-amyl acetate	12.05	43	456727	49.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	301263	51.971	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	423027	73.531	ug/l #	100
77) Bromobenzene	12.50	156	224771	48.782	ug/l	97
78) n-propylbenzene	12.57	91	1085538	50.452	ug/l	100
79) 2-Chlorotoluene	12.65	91	689844	50.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	795460	51.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	104701	50.815	ug/l	100
82) 4-Chlorotoluene	12.75	91	718420	50.269	ug/l	100
83) tert-Butylbenzene	12.97	119	621042	51.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	811147	51.825	ug/l	97
85) sec-Butylbenzene	13.15	105	788069	51.173	ug/l	100
86) p-Isopropyltoluene	13.26	119	709721	51.235	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	386384	48.511	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	390894	47.490	ug/l	99
89) n-Butylbenzene	13.59	91	581313	48.809	ug/l	100
90) Hexachloroethane	13.85	117	133111	49.814	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	390198	50.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67163	58.194	ug/l	98

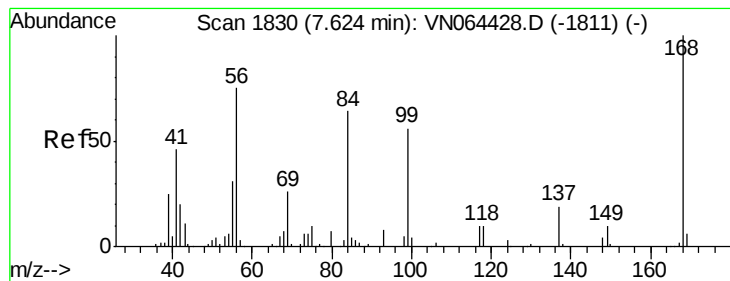
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	161887	42.889	ug/l	99
94) Hexachlorobutadiene	14.98	225	75399	48.336	ug/l	98
95) Naphthalene	15.10	128	550256	42.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	162960	44.531	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

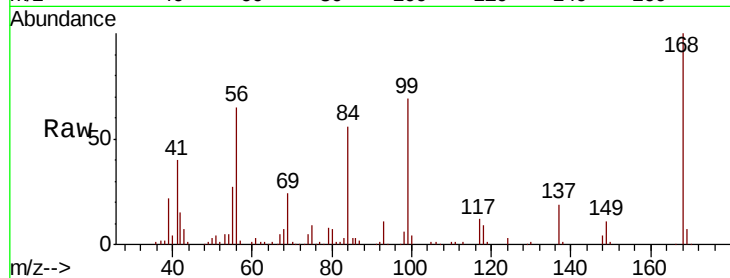
VSTDCCC050EC

Tot Ion:168 Resp: 311511

Ion Ratio Lower Upper

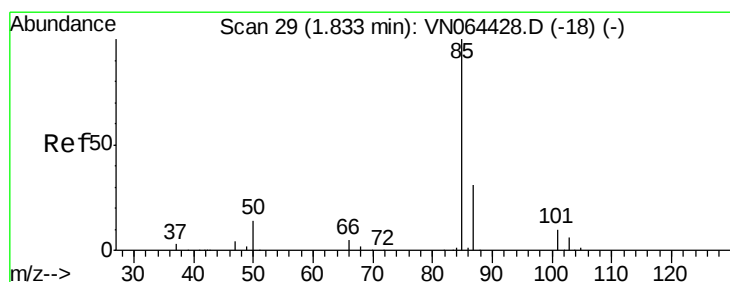
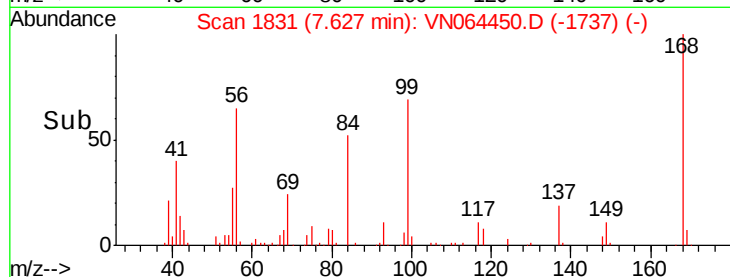
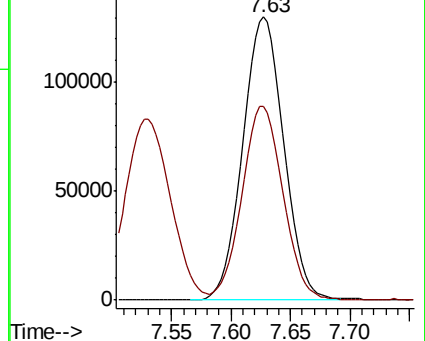
168 100

99 68.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.458 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064450.D

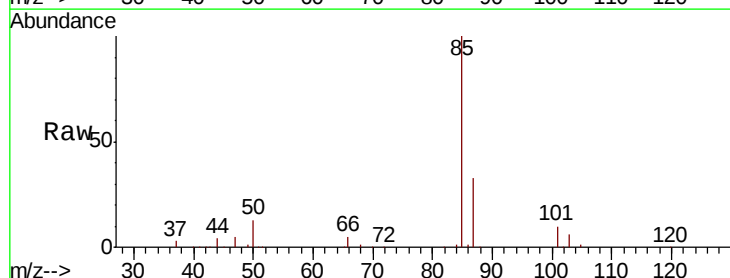
Acq: 4 Nov 2020 20:51

Tgt Ion: 85 Resp: 196499

Ion Ratio Lower Upper

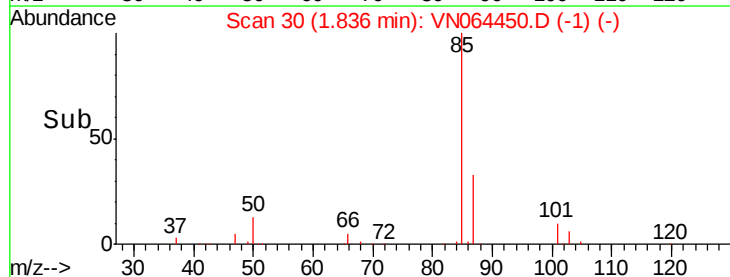
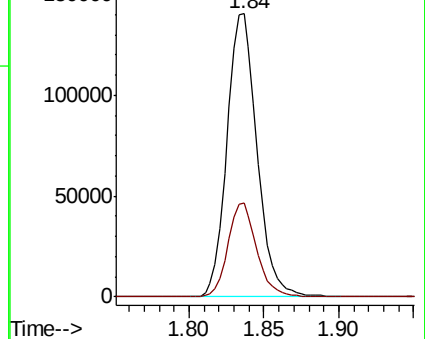
85 100

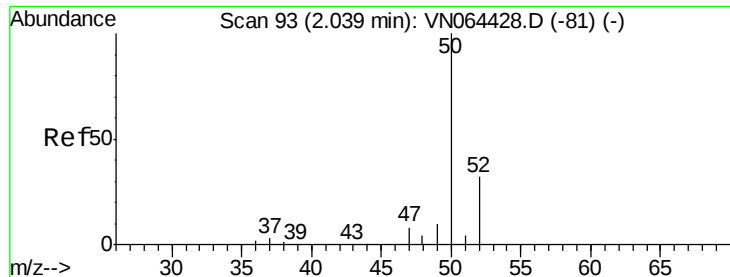
87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 48.067 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

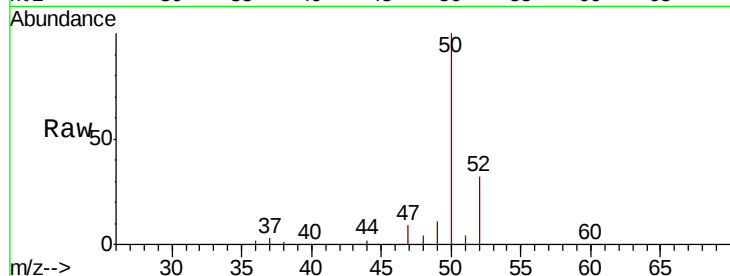
VSTDCCC050EC

Tot Ion: 50 Resp: 236753

Ion Ratio Lower Upper

50 100

52 32.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

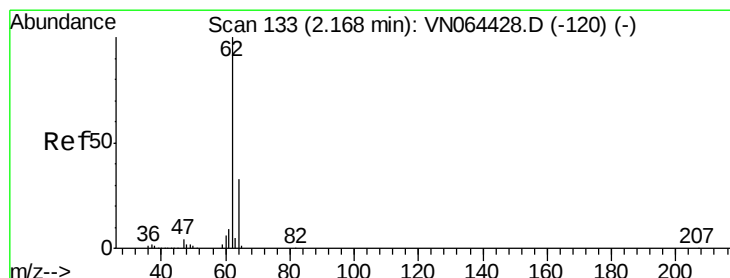
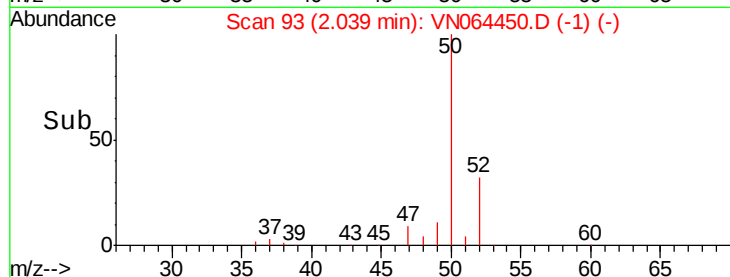
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.555 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064450.D

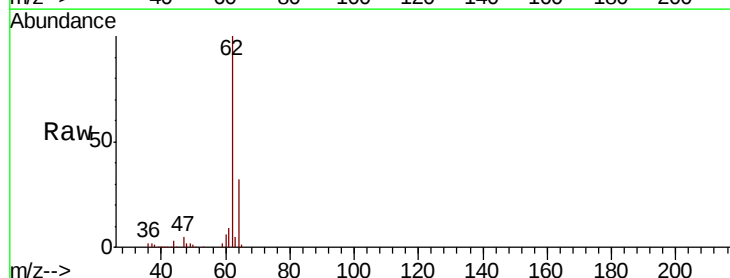
Acq: 4 Nov 2020 20:51

Tgt Ion: 62 Resp: 250650

Ion Ratio Lower Upper

62 100

64 32.1 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

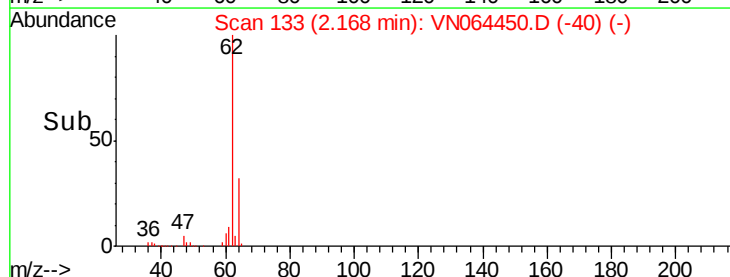
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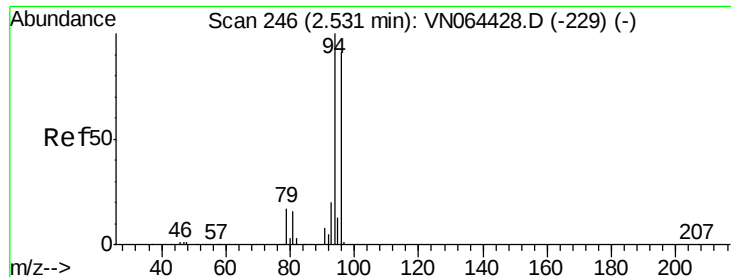
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.888 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

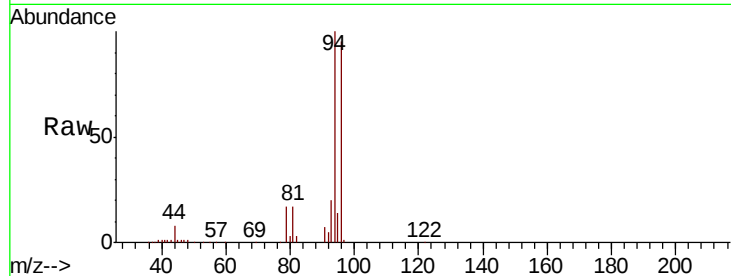
VSTDCCC050EC

Tot Ion: 94 Resp: 157969

Ion Ratio Lower Upper

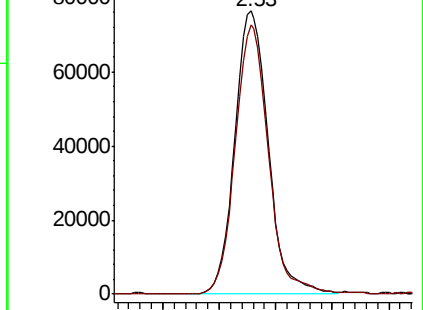
94 100

96 95.4 73.1 109.7

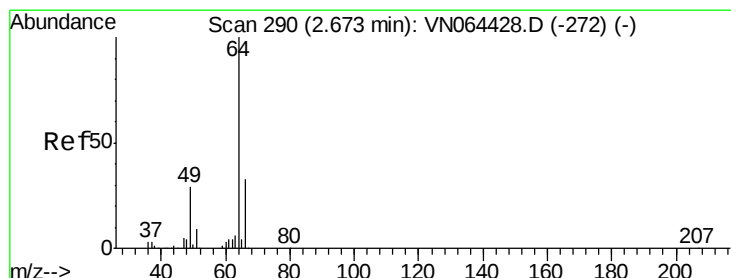
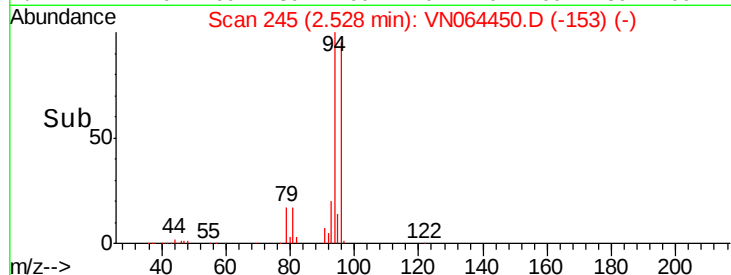


Abundance Ion 93.90 (93.60 to 94.60): VN064428.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN064450.D (-153) (-)



Time-->



#6

Chloroethane

Concen: 50.355 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064450.D

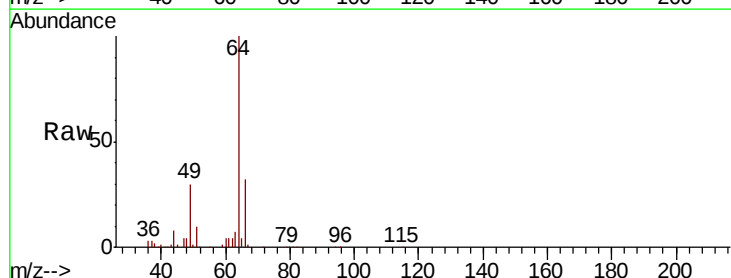
Acq: 4 Nov 2020 20:51

Tgt Ion: 64 Resp: 163066

Ion Ratio Lower Upper

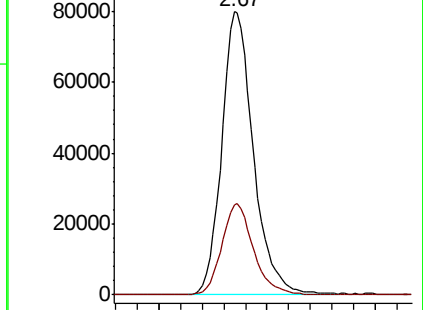
64 100

66 32.1 26.1 39.1

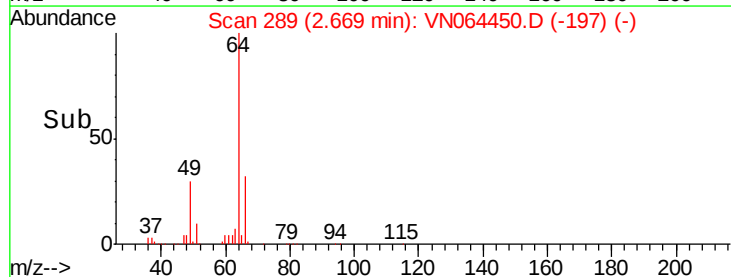


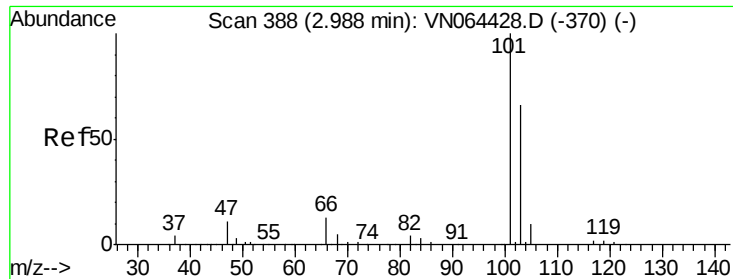
Abundance Ion 63.90 (63.60 to 64.60): VN064428.D (-272) (-)

Ion 65.90 (65.60 to 66.60): VN064450.D (-197) (-)



Time-->



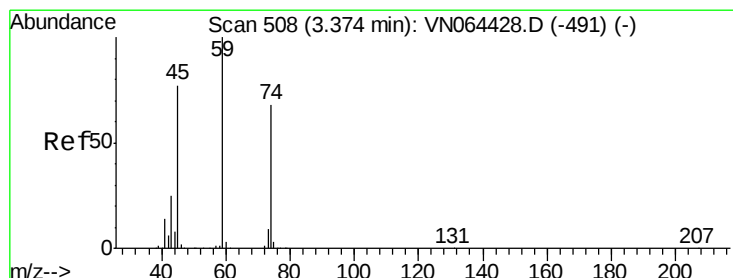
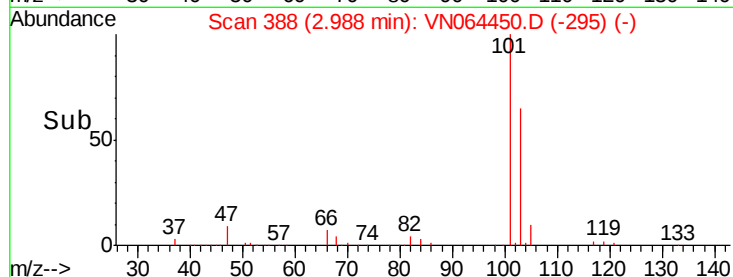
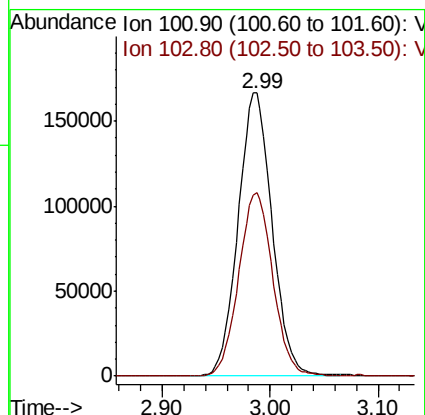
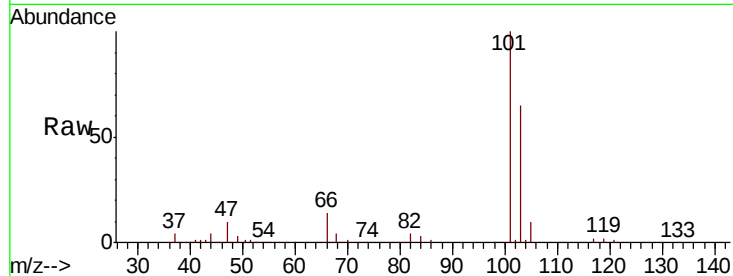


#7

Trichlorofluoromethane
 Concen: 49.173 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Instrument :
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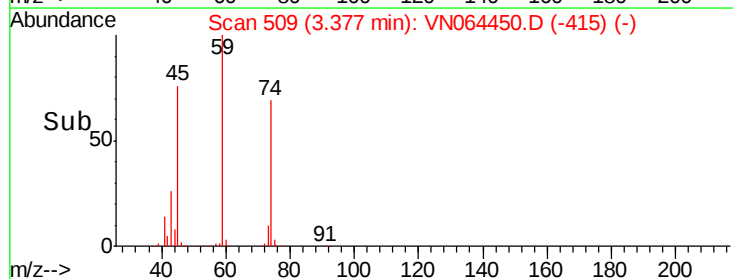
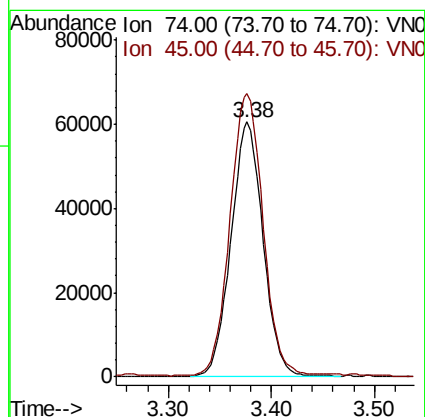
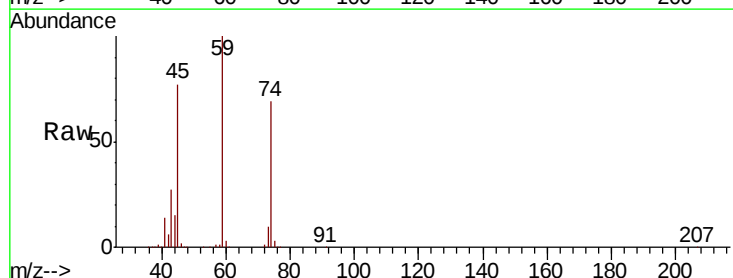
Tot Ion:101 Resp: 366237
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.4 78.6

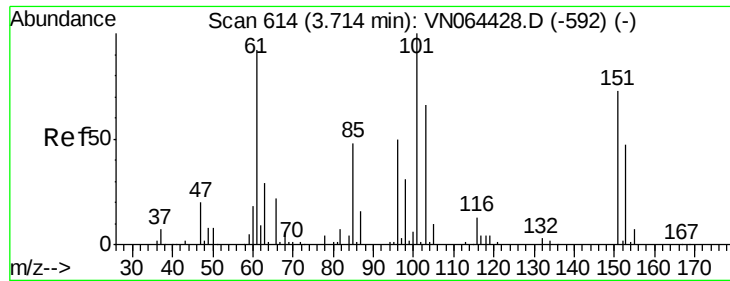


#8

Diethyl Ether
 Concen: 50.017 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion: 74 Resp: 131552
 Ion Ratio Lower Upper
 74 100
 45 113.4 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.916 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

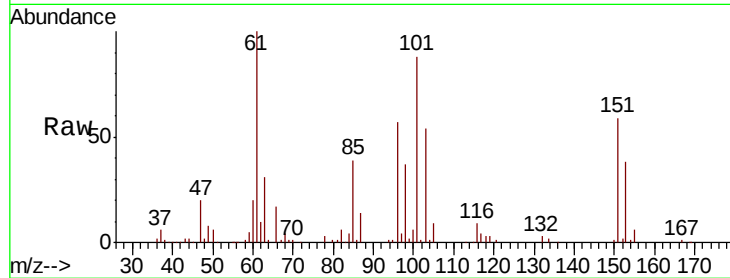
Tot Ion:101 Resp: 165933

Ion Ratio Lower Upper

101 100

85 47.4 38.6 57.8

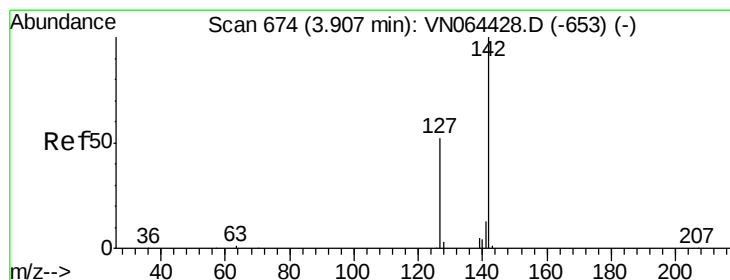
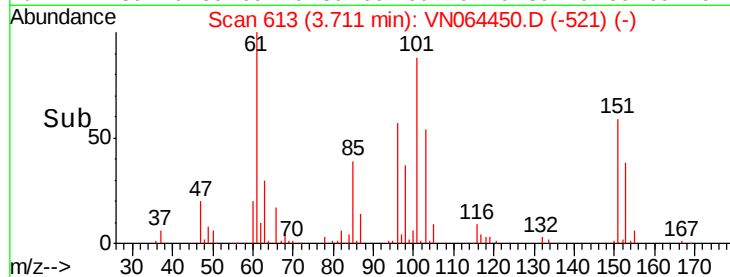
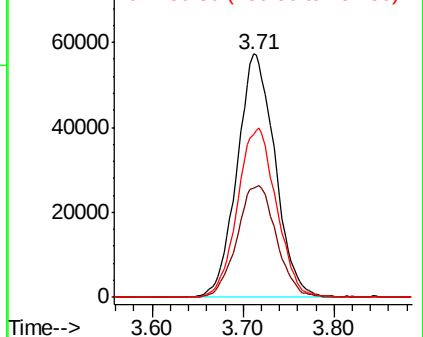
151 71.2 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.007 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

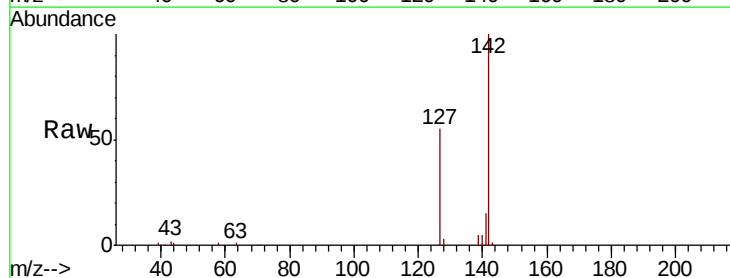
Tgt Ion:142 Resp: 209619

Ion Ratio Lower Upper

142 100

127 51.9 41.8 62.8

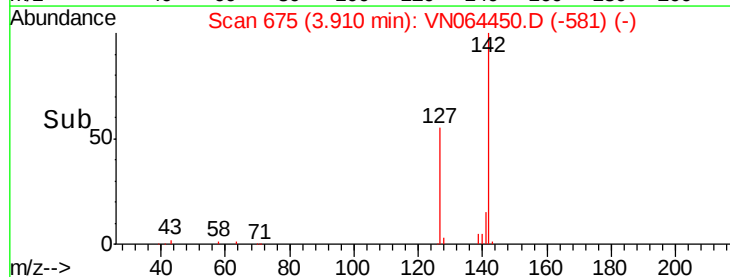
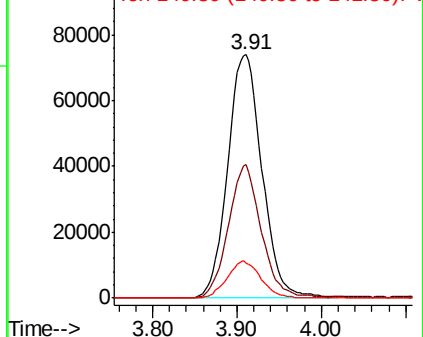
141 14.9 11.4 17.2

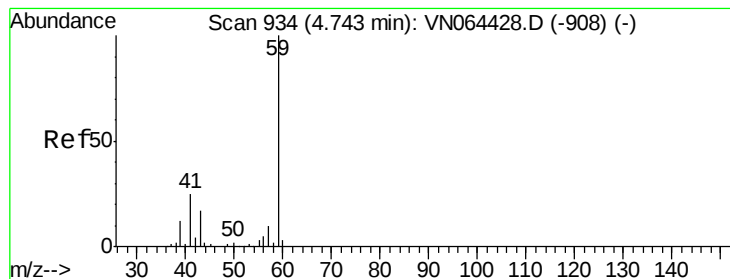


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



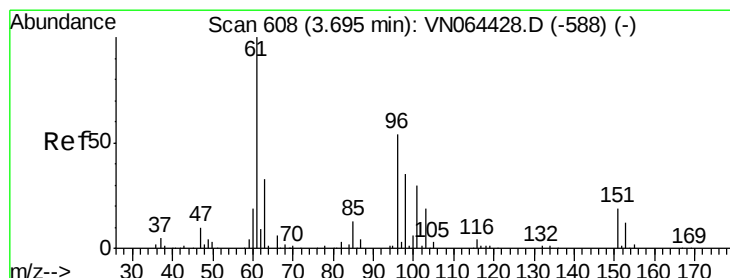
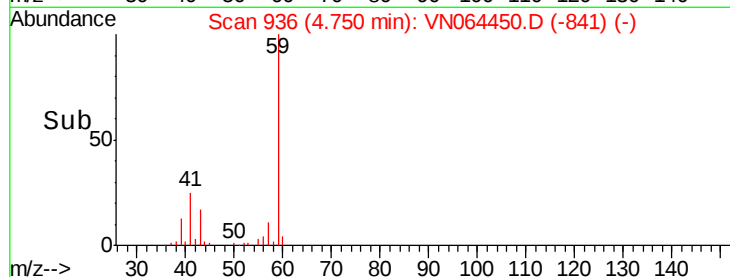
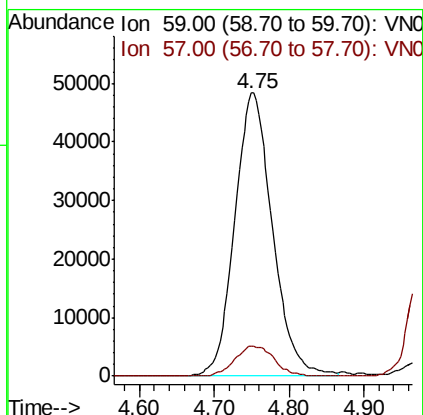
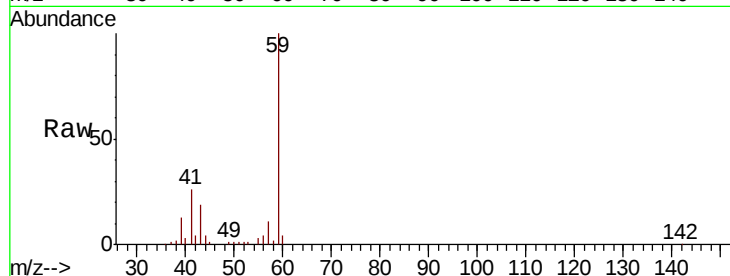


#11

Tert butyl alcohol
 Concen: 283.557 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

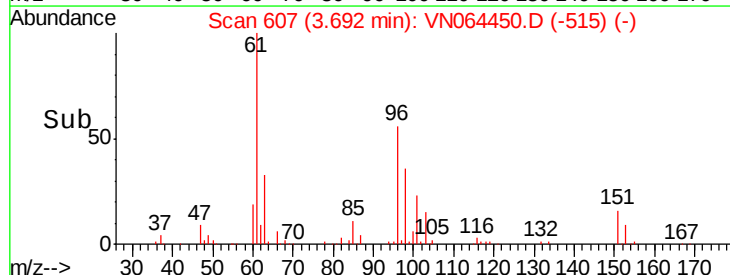
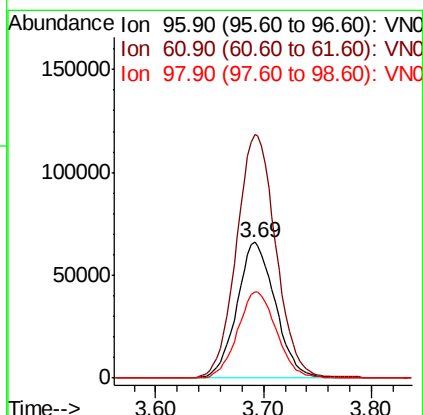
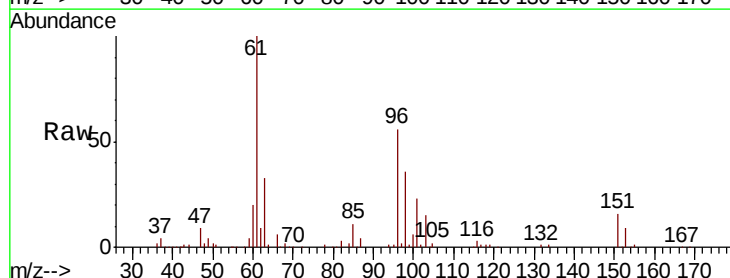
Tot Ion: 59 Resp: 169675
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.0 13.4

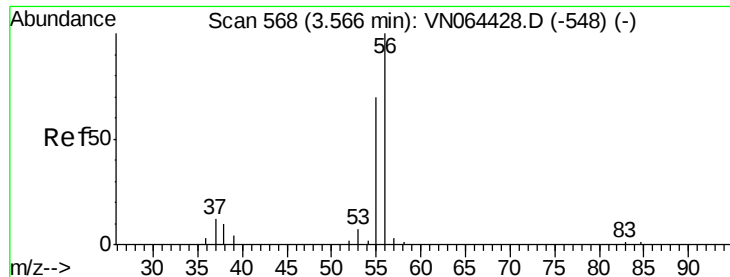


#12

1,1-Dichloroethene
 Concen: 48.948 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion: 96 Resp: 163071
 Ion Ratio Lower Upper
 96 100
 61 178.9 149.5 224.3
 98 63.7 52.4 78.6





#13

Acrolein

Concen: 296.230 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

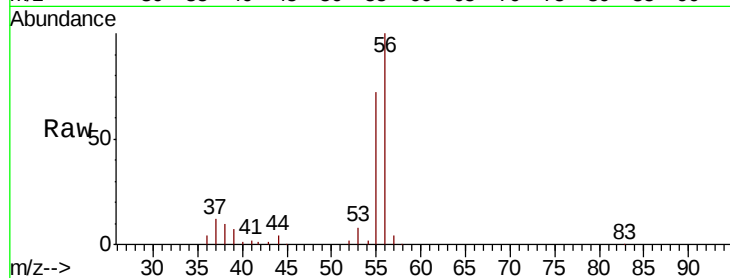
VSTDCCC050EC

Tot Ion: 56 Resp: 109951

Ion Ratio Lower Upper

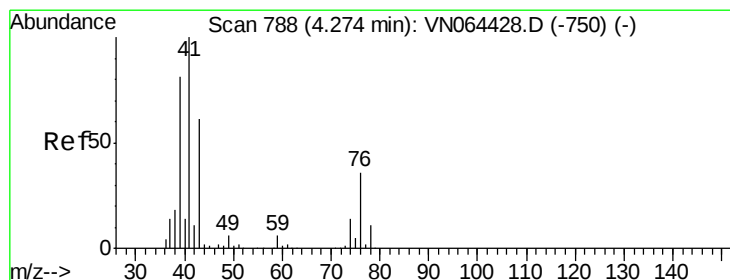
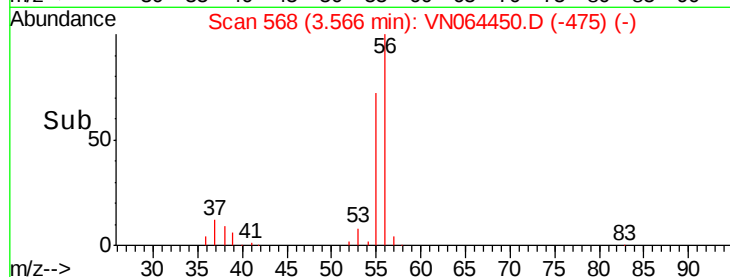
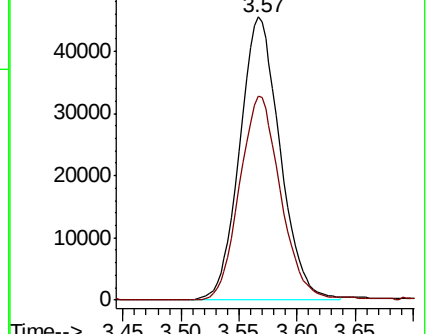
56 100

55 73.4 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.697 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

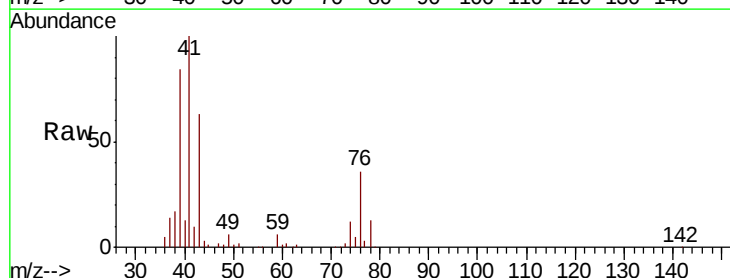
Tgt Ion: 41 Resp: 317365

Ion Ratio Lower Upper

41 100

39 77.6 61.8 92.8

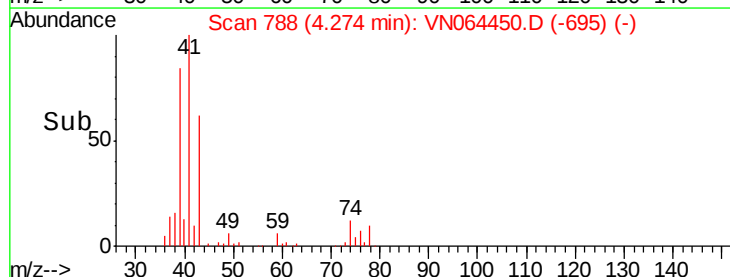
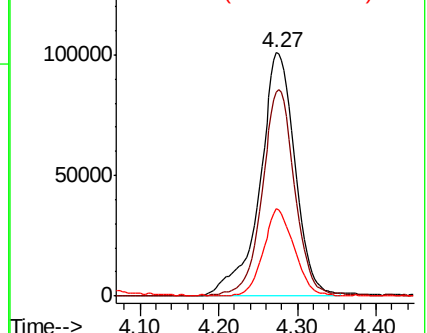
76 30.8 25.4 38.0

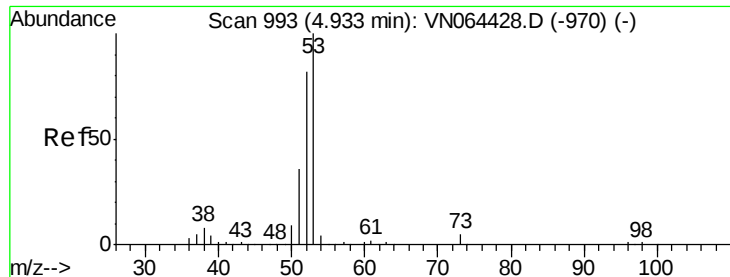


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 282.679 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

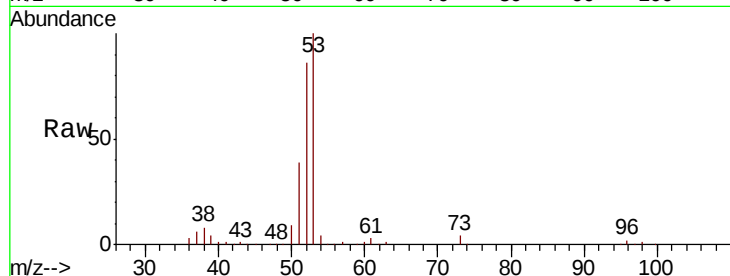
Tot Ion: 53 Resp: 470931

Ion Ratio Lower Upper

53 100

52 83.9 65.6 98.4

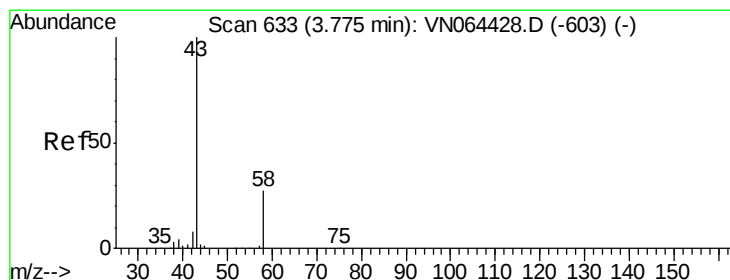
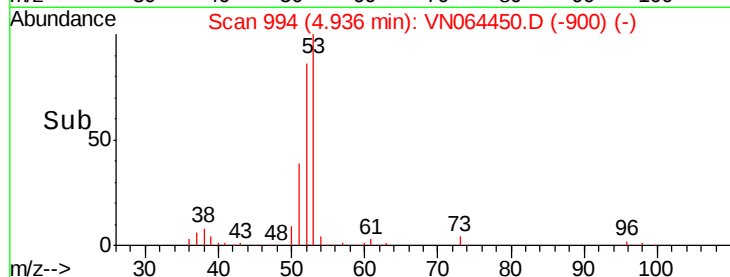
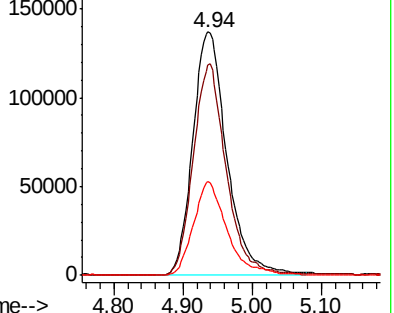
51 38.1 29.9 44.9



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

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

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



#16

Acetone

Concen: 209.559 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064450.D

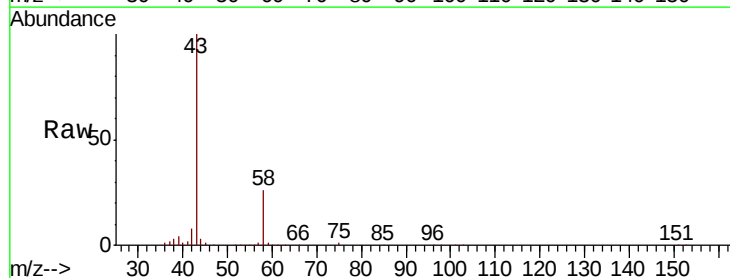
Acq: 4 Nov 2020 20:51

Tgt Ion: 43 Resp: 433133

Ion Ratio Lower Upper

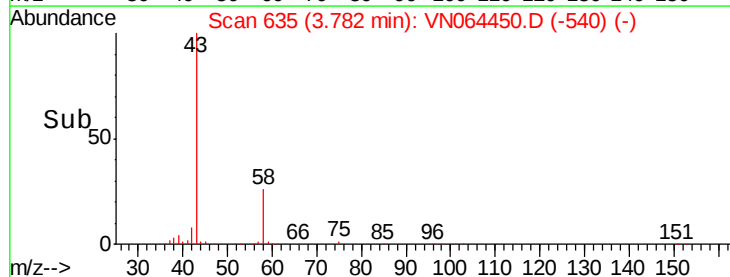
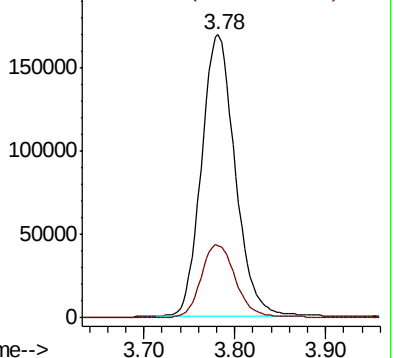
43 100

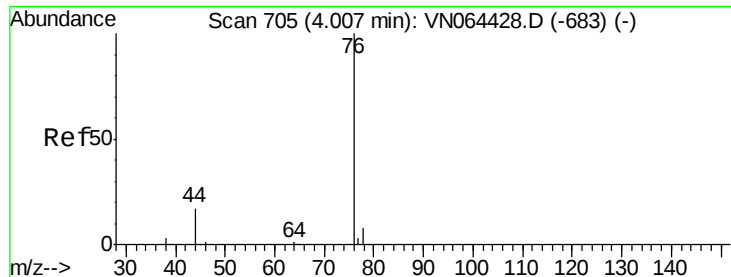
58 25.7 21.4 32.0



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

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

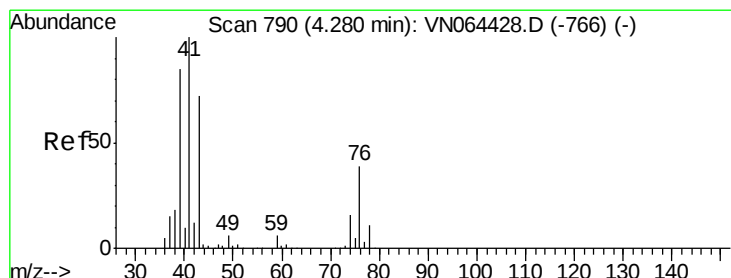
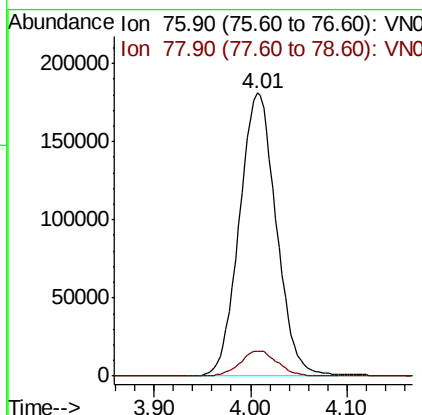
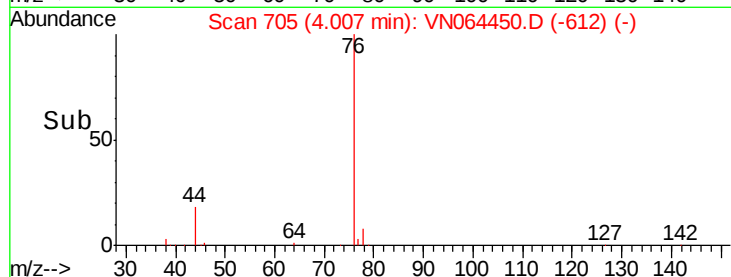
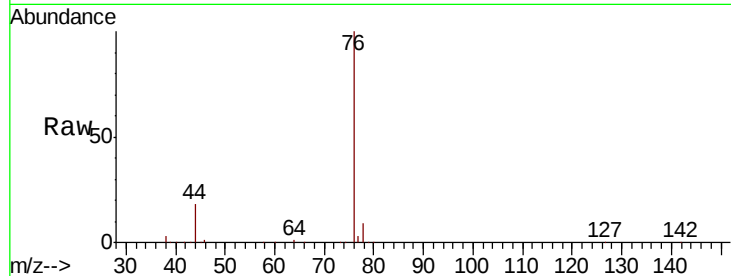




#17
Carbon Disulfide
Concen: 48.158 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

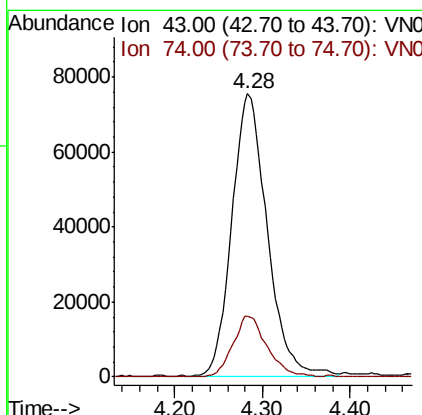
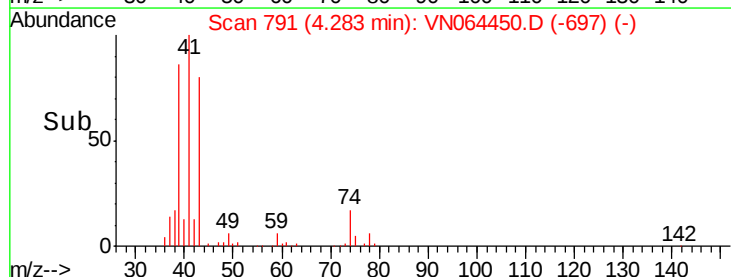
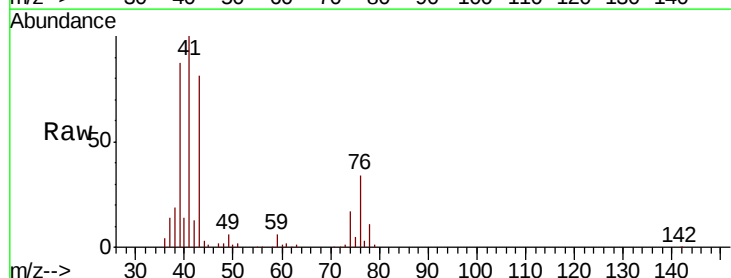
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

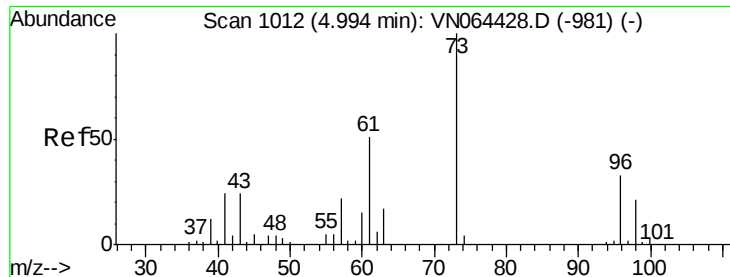
Tot Ion: 76 Resp: 479794
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 51.855 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 43 Resp: 210709
Ion Ratio Lower Upper
43 100
74 20.9 17.0 25.4

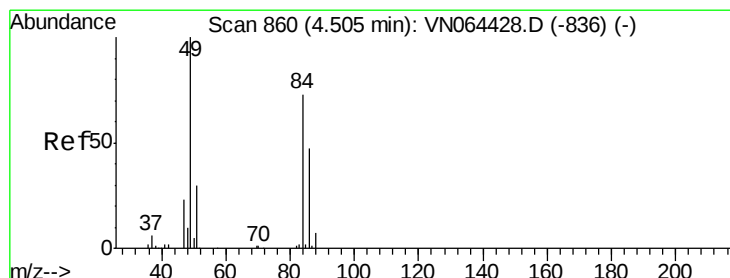
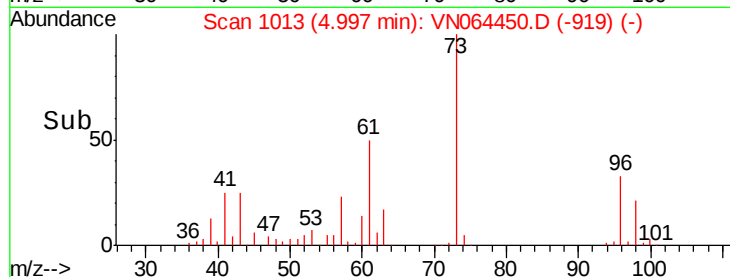
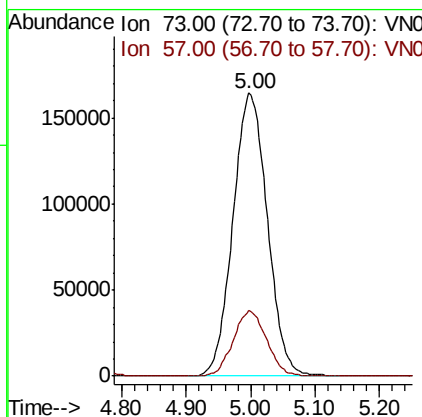
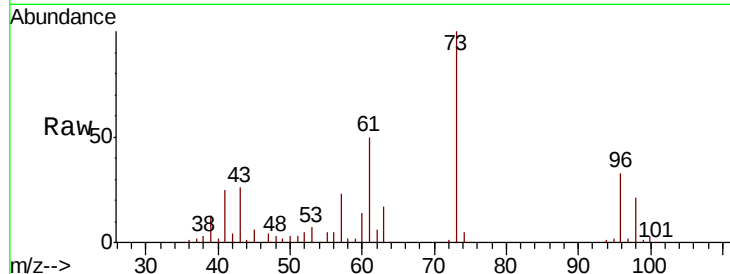




#19
Methvl tert-butvl Ether
Concen: 50.983 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

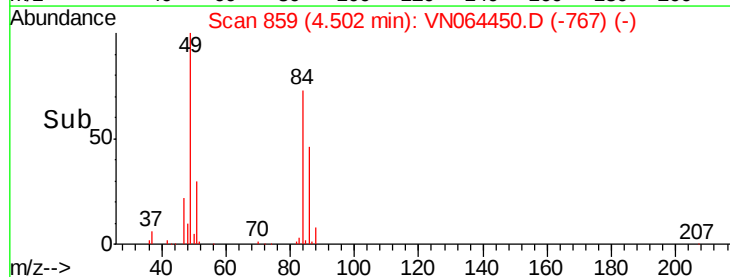
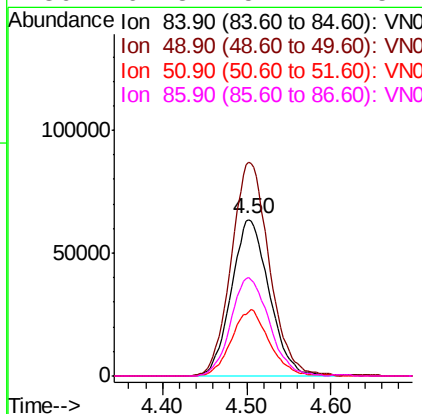
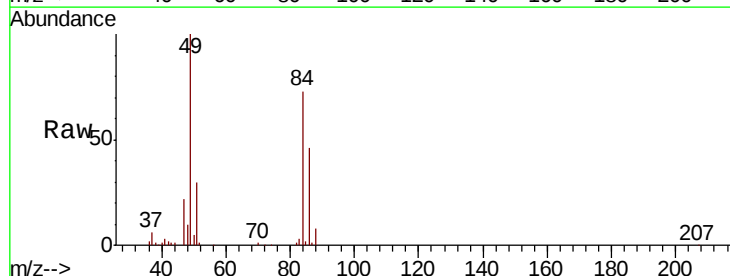
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

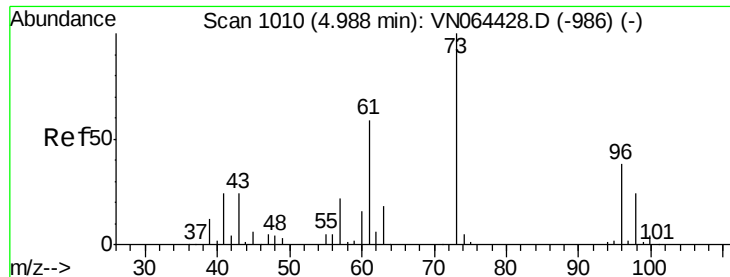
Tot Ion: 73 Resp: 611313
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5



#20
Methylene Chloride
Concen: 48.542 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 84 Resp: 199062
Ion Ratio Lower Upper
84 100
49 136.0 110.1 165.1
51 40.5 33.6 50.4
86 62.8 52.1 78.1

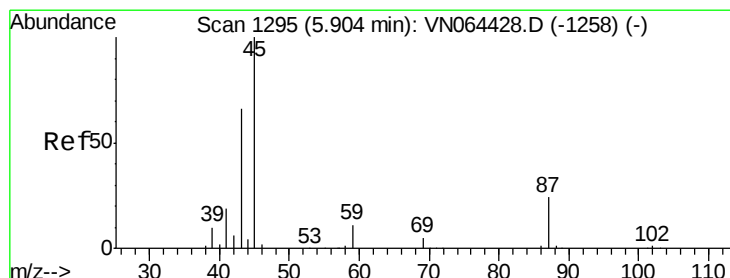
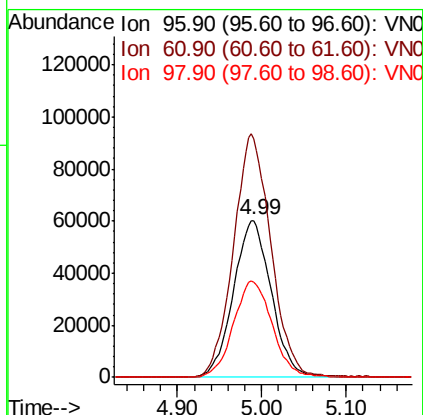
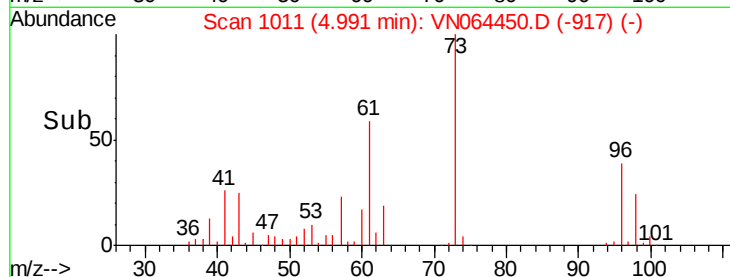
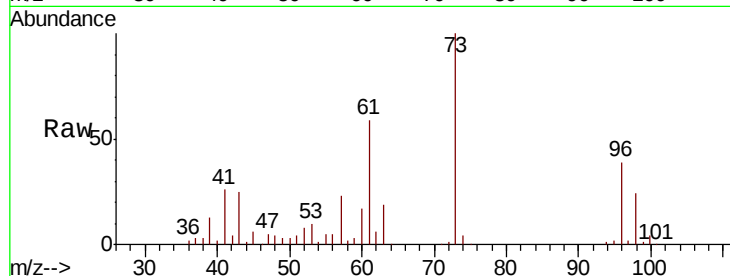




#21
trans-1,2-Dichloroethene
Concen: 49.666 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

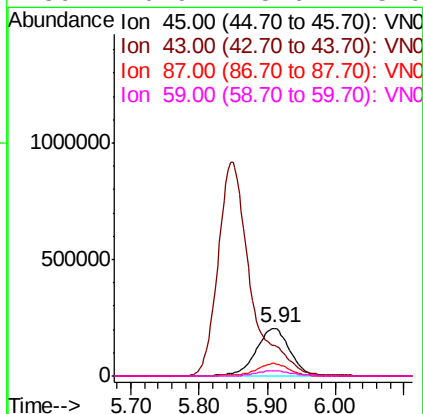
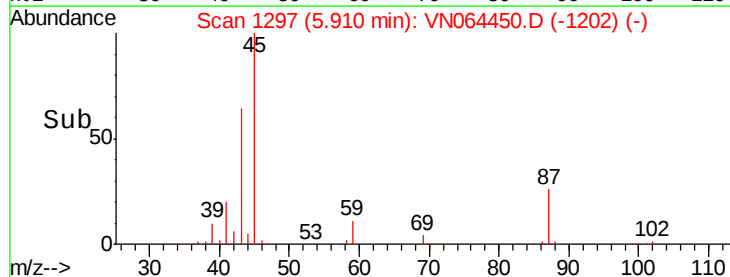
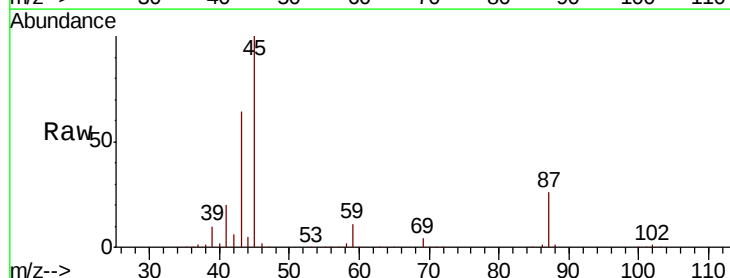
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

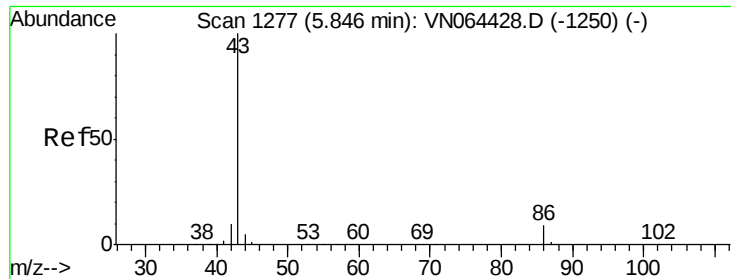
Tot Ion: 96 Resp: 187872
Ion Ratio Lower Upper
96 100
61 151.9 122.4 183.6
98 60.5 50.4 75.6



#22
Diisopropyl ether
Concen: 50.824 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 45 Resp: 703107
Ion Ratio Lower Upper
45 100
43 63.4 53.2 79.8
87 25.8 19.9 29.9
59 10.9 8.6 13.0

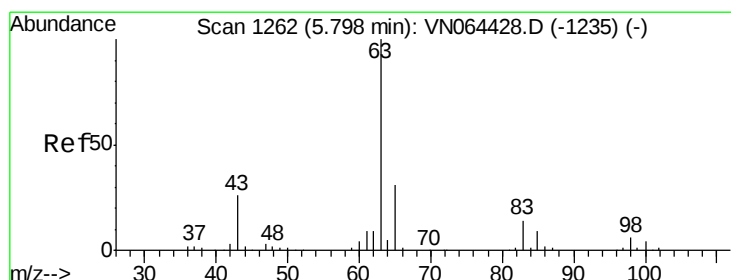
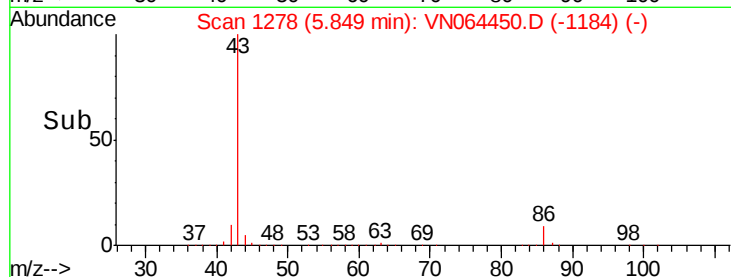
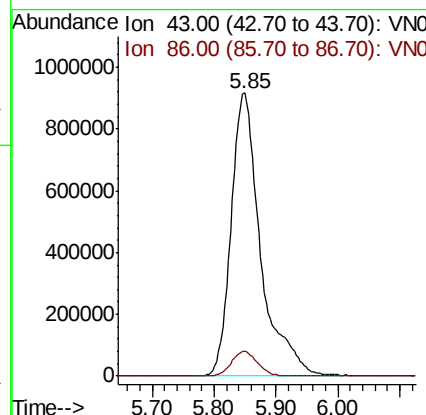
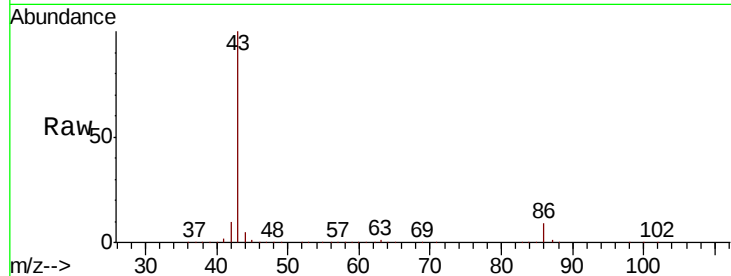




#23
 Vinyl Acetate
 Concen: 270.179 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

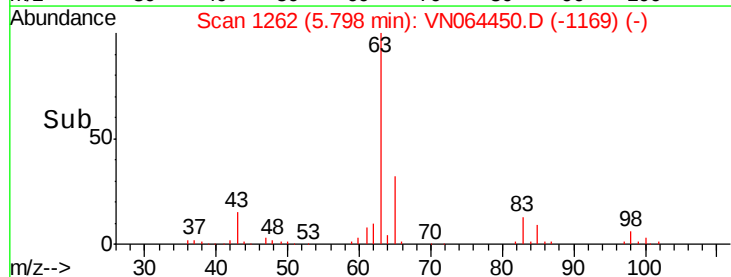
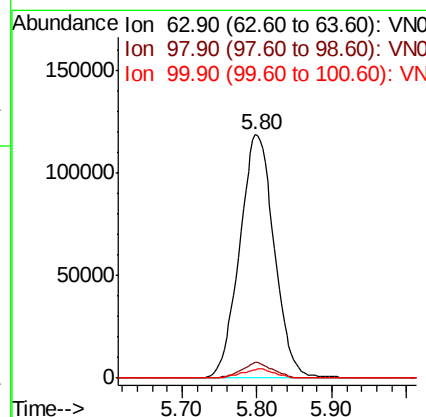
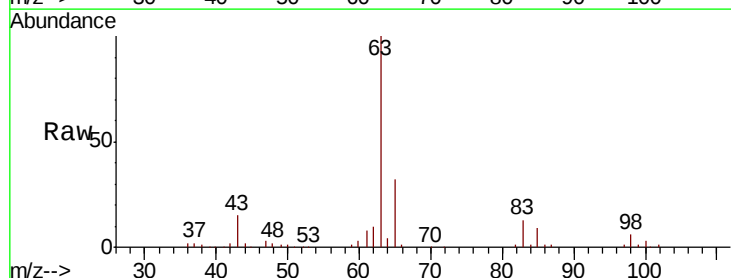
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

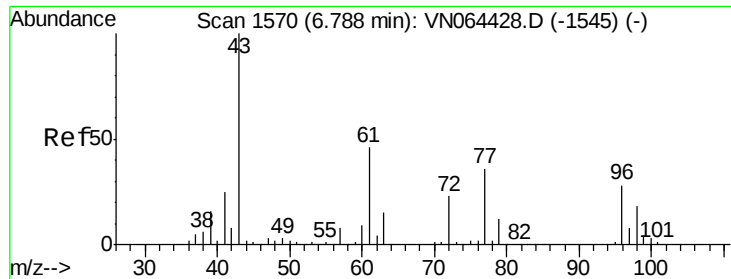
Tot Ion: 43 Resp: 3040626
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 50.272 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion: 63 Resp: 382171
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.4 1.8 5.3

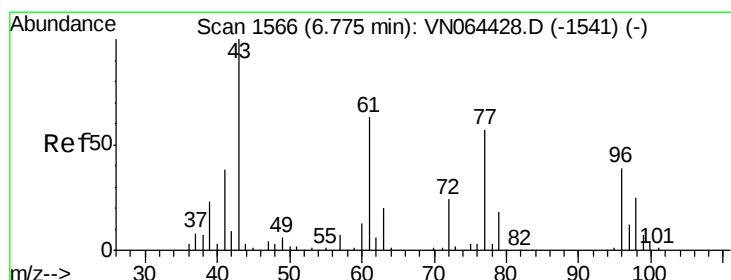
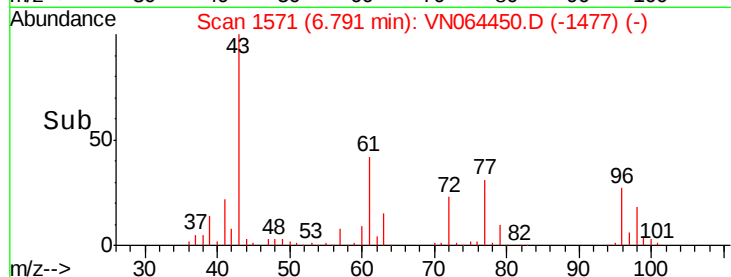
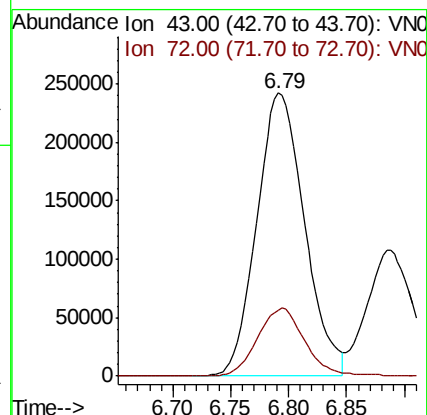
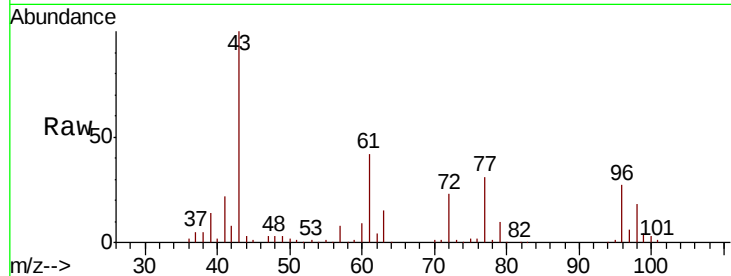




#25
2-Butanone
Concen: 262.075 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

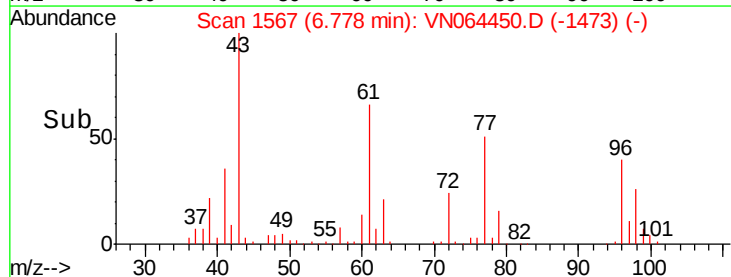
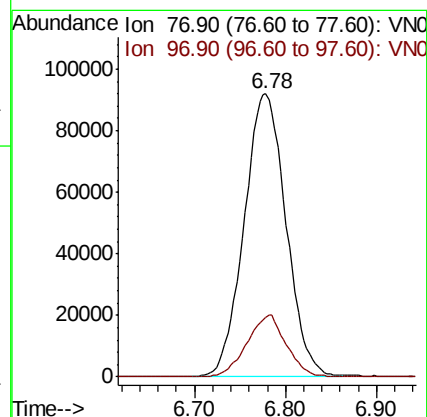
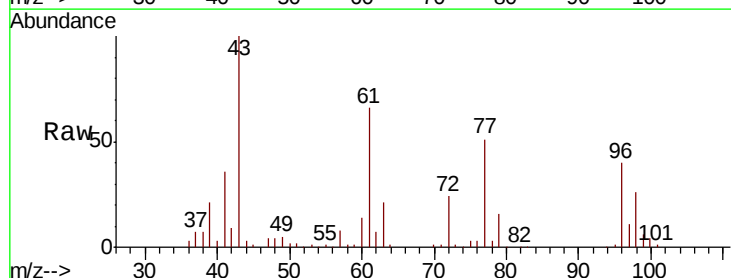
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

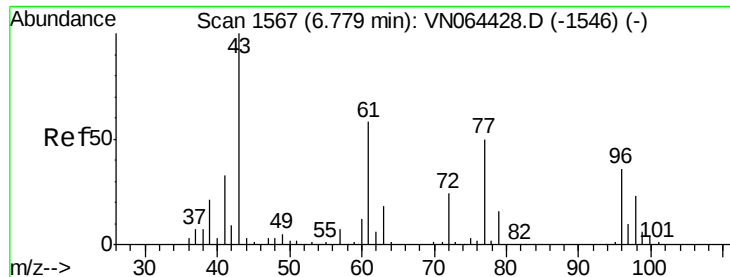
Tot Ion: 43 Resp: 690173
Ion Ratio Lower Upper
43 100
72 23.5 18.5 27.7



#26
2,2-Dichloropropane
Concen: 42.749 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 77 Resp: 294185
Ion Ratio Lower Upper
77 100
97 20.6 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 49.486 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

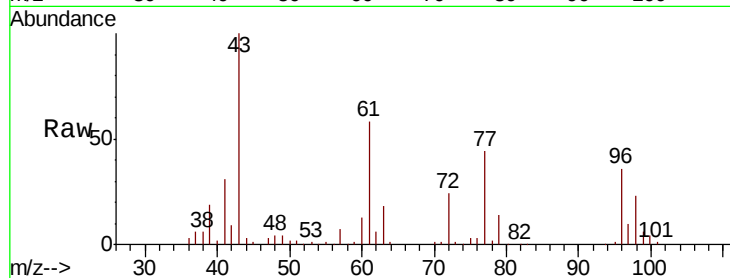
Tot Ion: 96 Resp: 216908

Ion Ratio Lower Upper

96 100

61 160.8 0.0 329.6

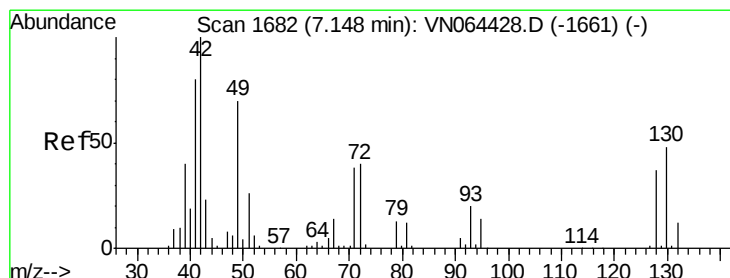
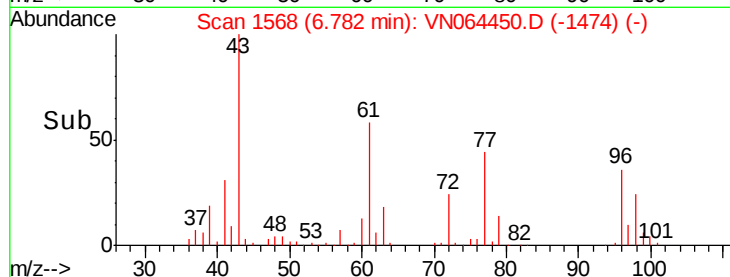
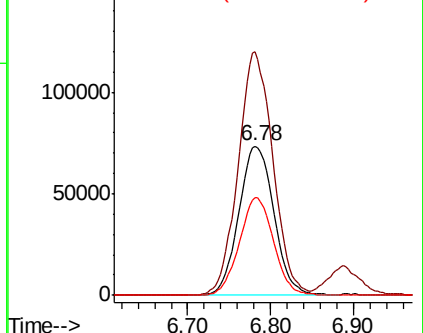
98 63.8 0.0 131.2



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

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

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



#28

Bromochloromethane

Concen: 47.760 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

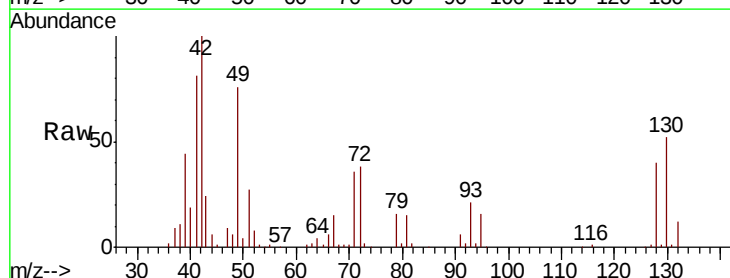
Tgt Ion: 49 Resp: 178462

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.6

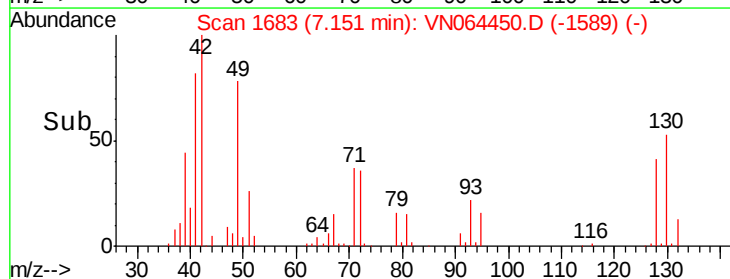
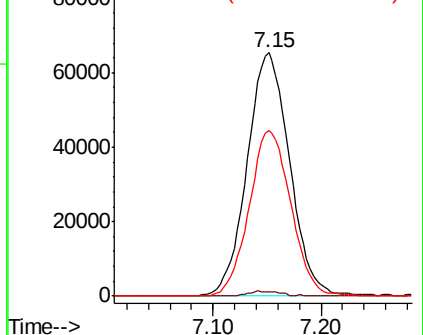
130 67.0 54.2 81.4

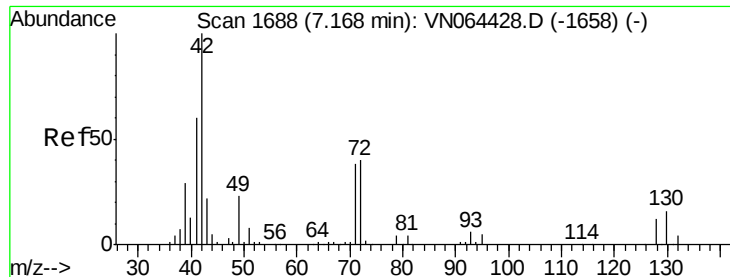


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

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

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





#29

Tetrahydrofuran

Concen: 282.159 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

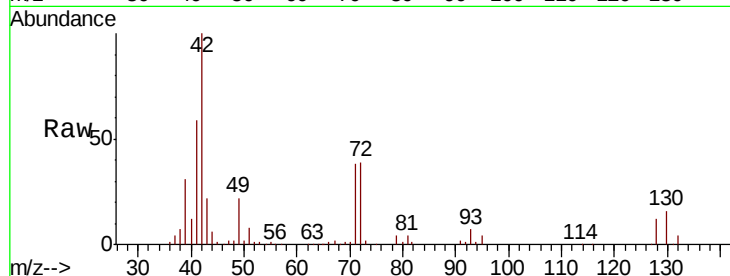
Tot Ion: 42 Resp: 455887

Ion Ratio Lower Upper

42 100

72 39.4 31.7 47.5

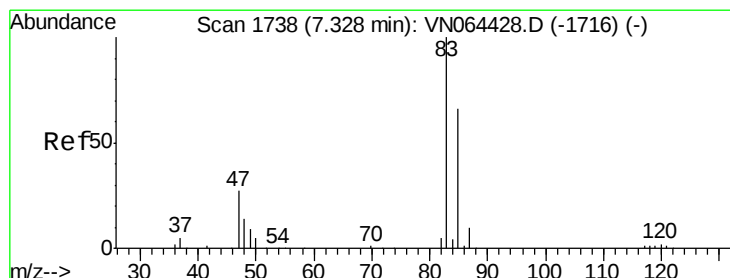
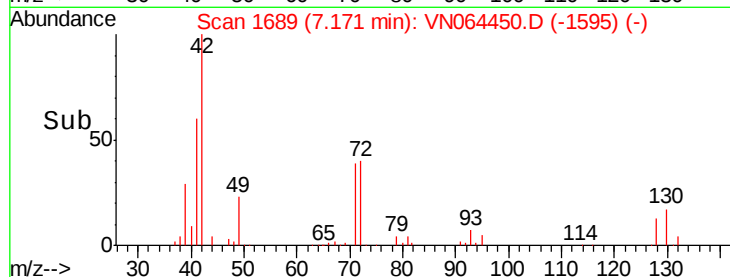
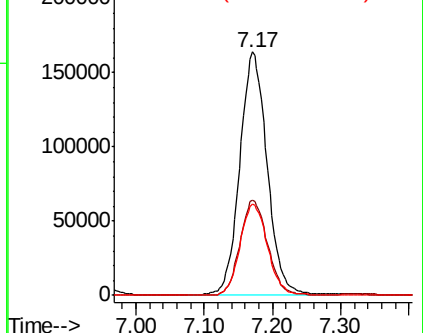
71 37.8 29.8 44.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.229 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064450.D

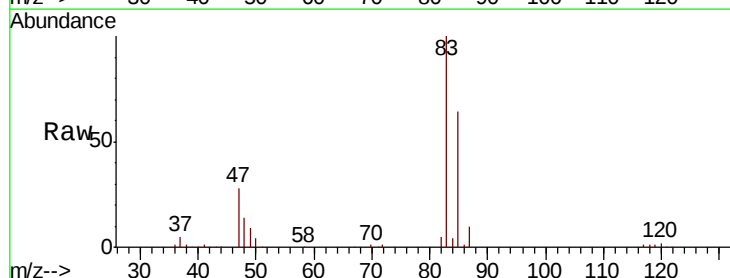
Acq: 4 Nov 2020 20:51

Tgt Ion: 83 Resp: 401376

Ion Ratio Lower Upper

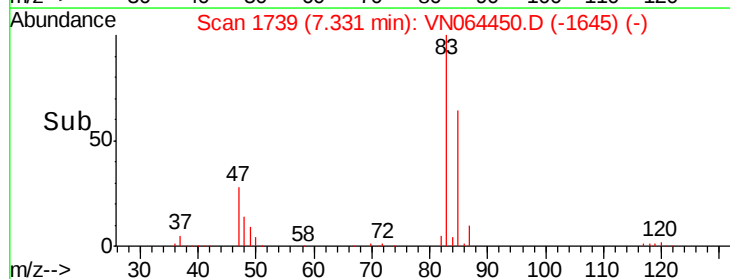
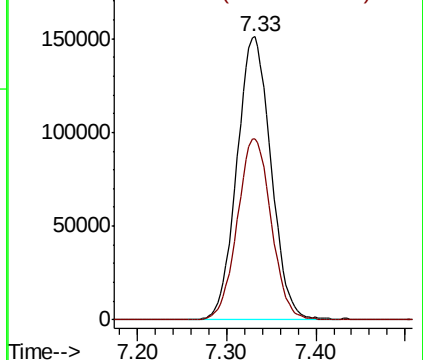
83 100

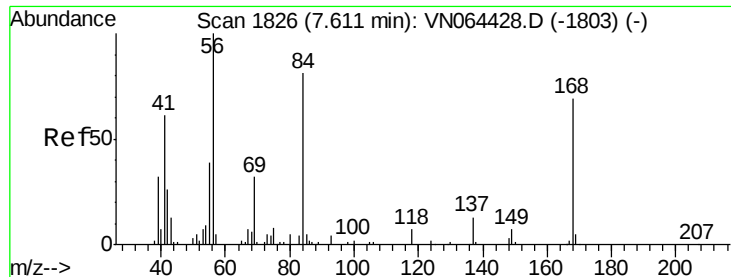
85 64.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

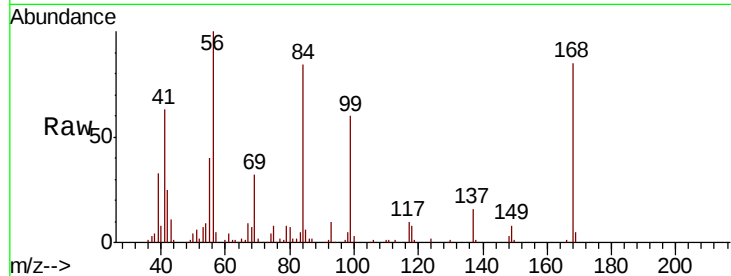




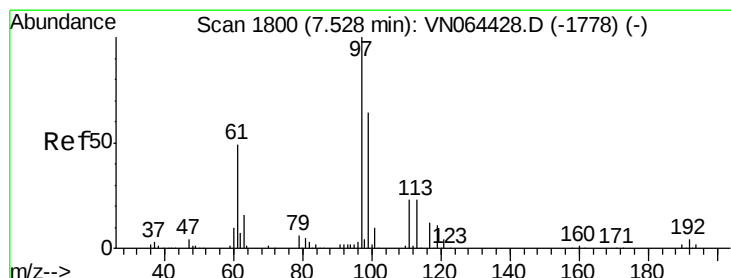
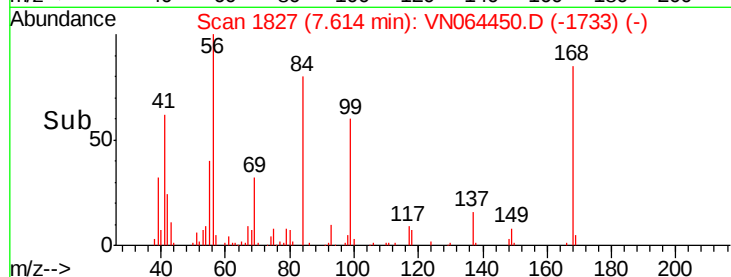
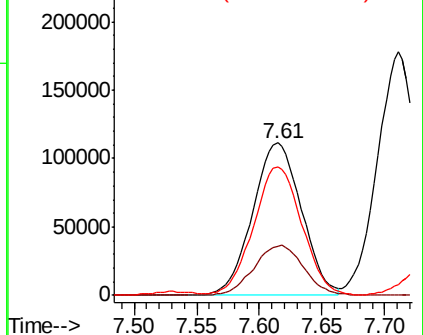
#31
Cyclohexane
Concen: 45.763 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 301848
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 82.1 63.0 94.6

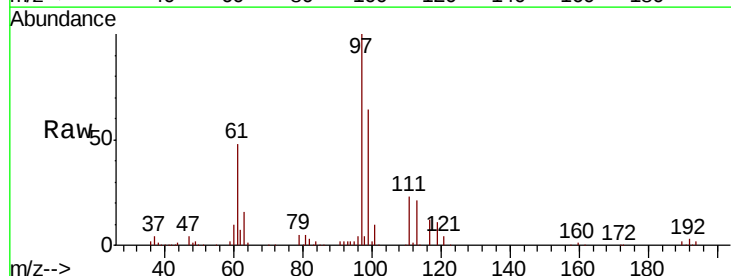


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

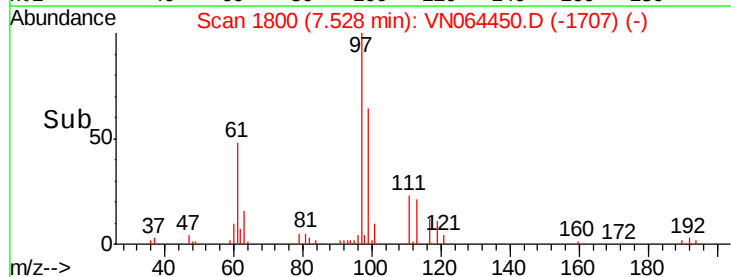
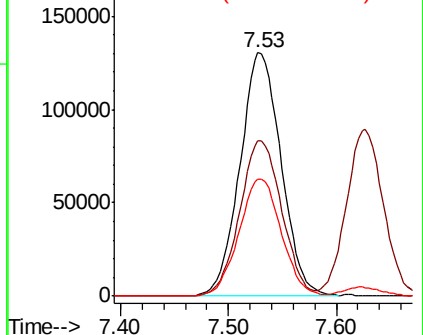


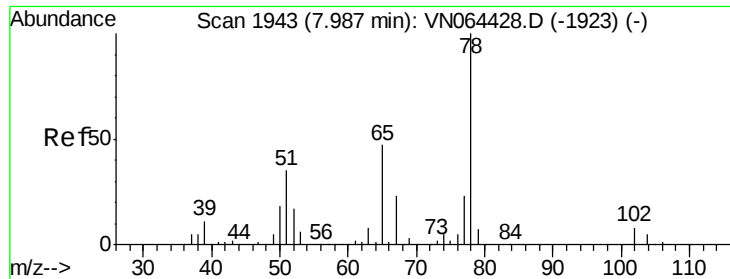
#32
1,1,1-Trichloroethane
Concen: 48.873 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 97 Resp: 346385
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 49.5 39.1 58.7



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





#33

1,2-Dichloroethane-d4

Concen: 49.268 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

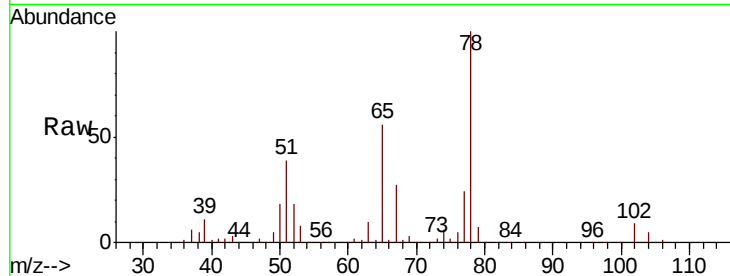
VSTDCCC050EC

Tot Ion: 65 Resp: 267329

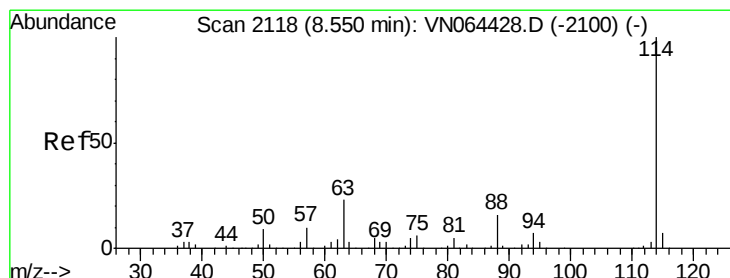
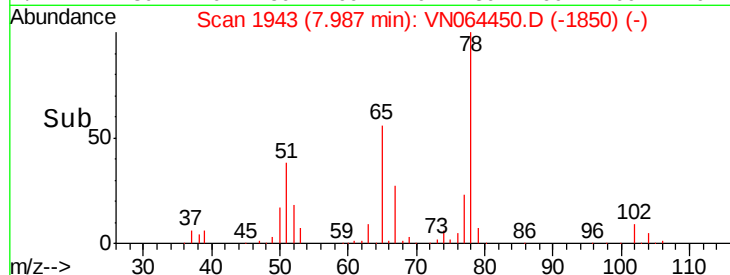
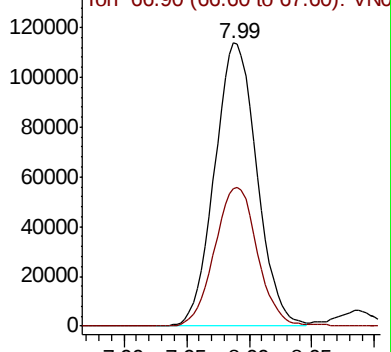
Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064450.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

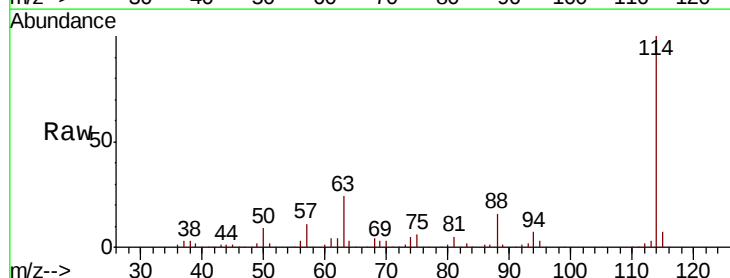
Tgt Ion: 114 Resp: 558511

Ion Ratio Lower Upper

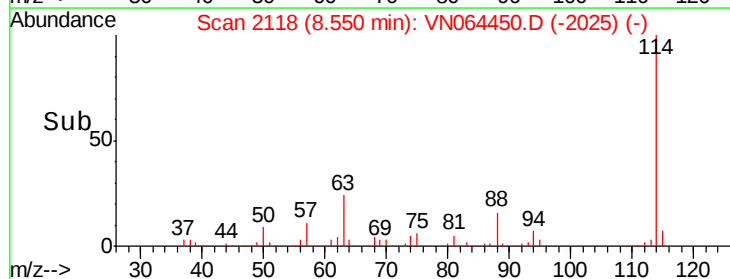
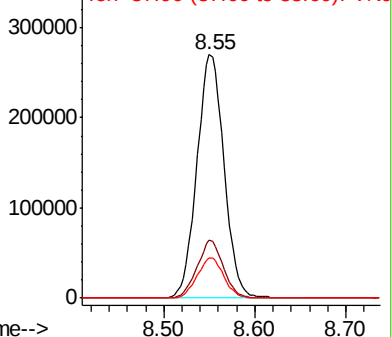
114 100

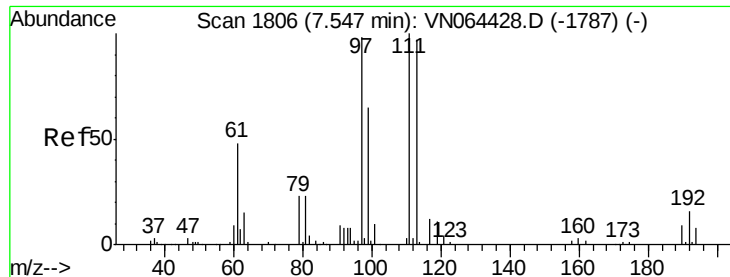
63 23.7 0.0 45.6

88 16.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064450.D (-2025) (-)

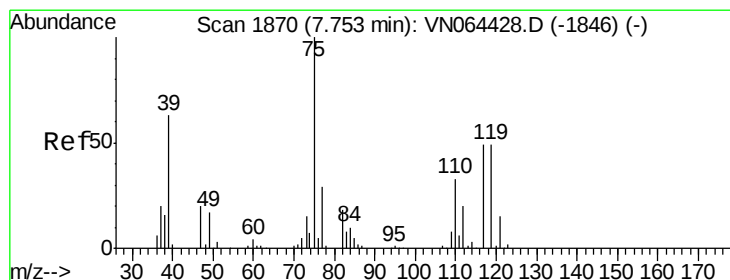
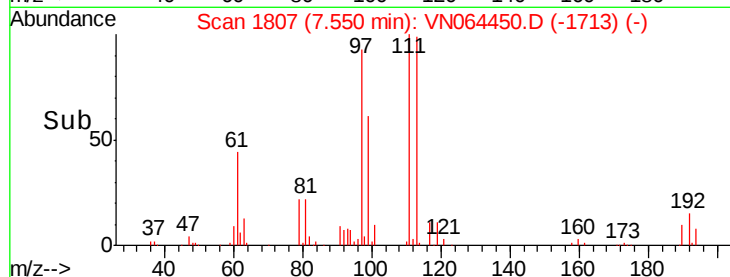
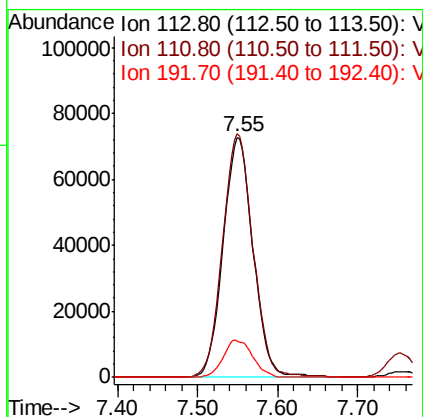
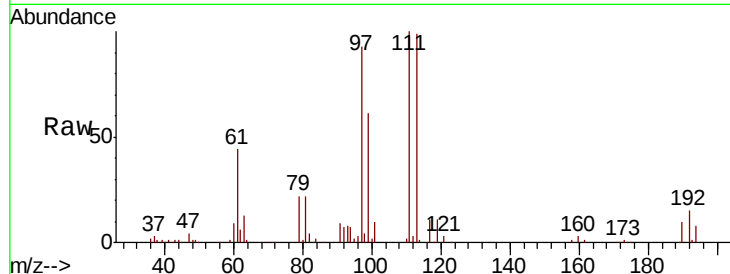




#35
 Dibromofluoromethane
 Concen: 49.013 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

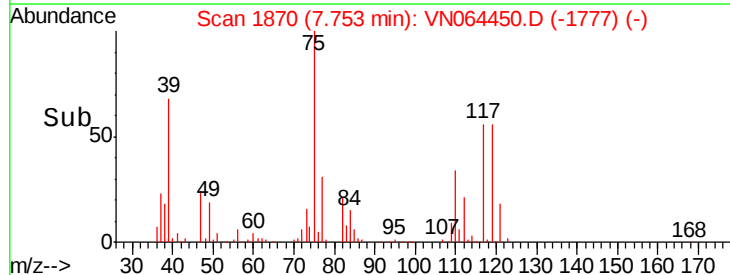
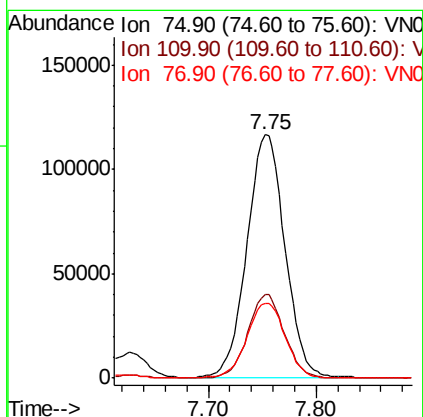
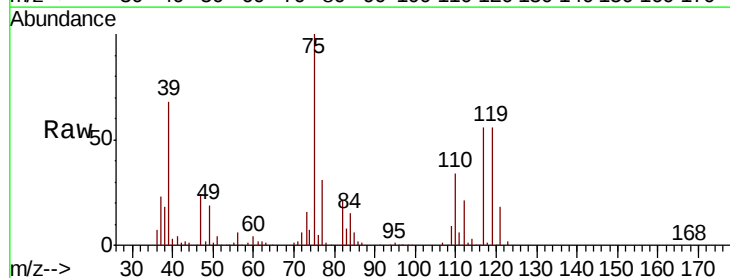
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

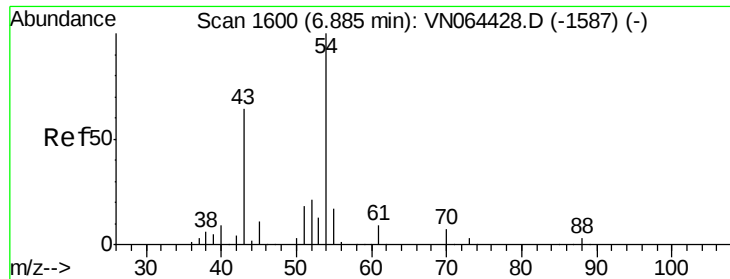
Tot Ion:113 Resp: 186380
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 15.3 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 48.134 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion: 75 Resp: 284006
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.0 48.0
 77 31.4 24.0 36.0

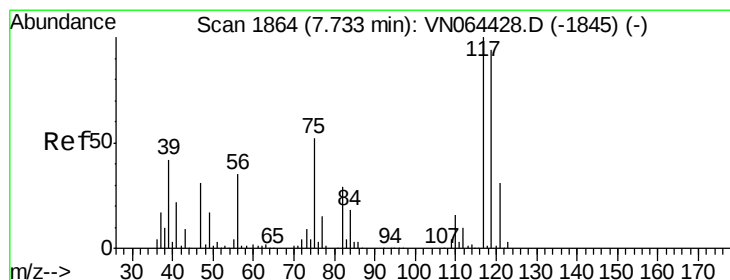
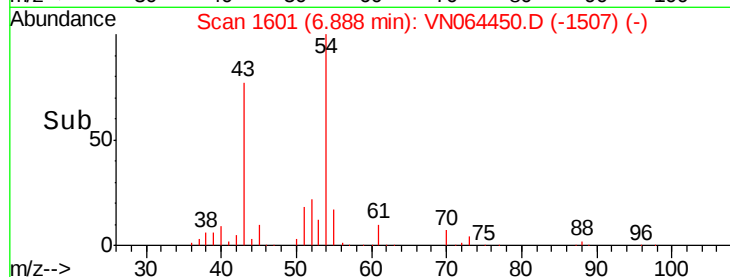
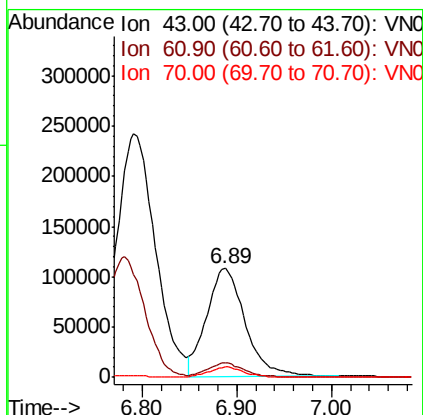
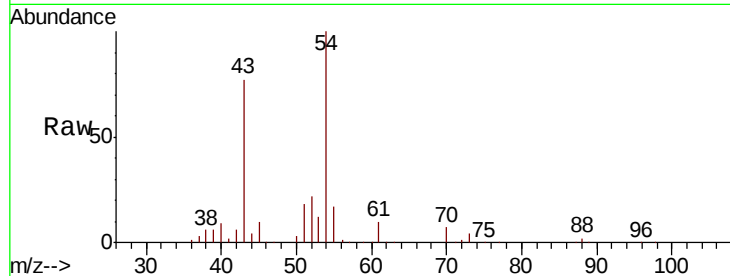




#37
Ethyl Acetate
Concen: 50.765 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

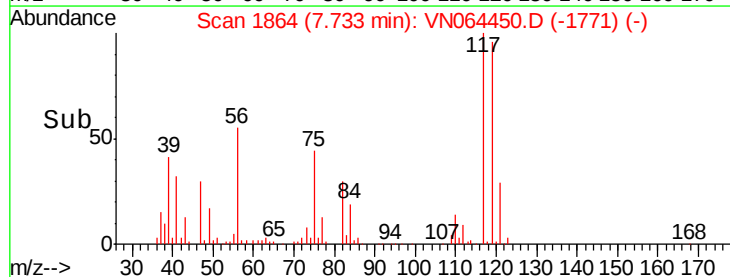
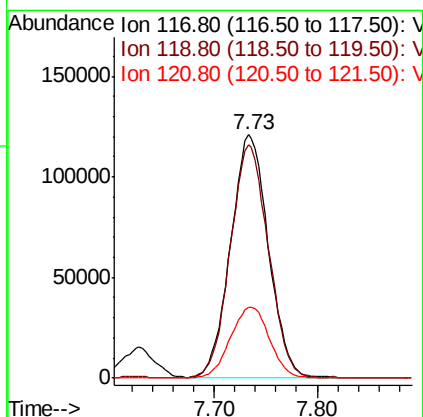
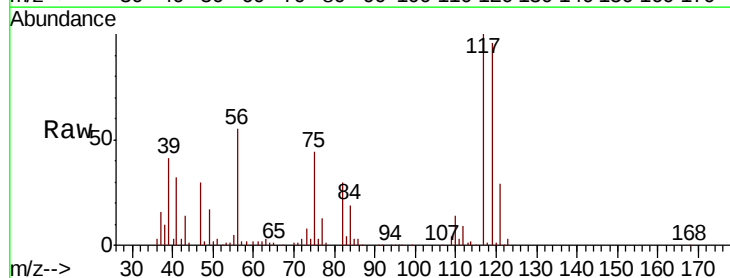
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

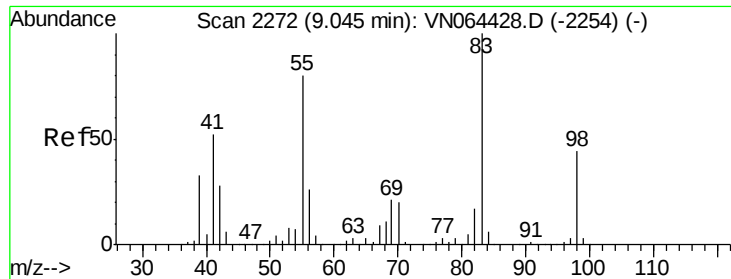
Tot Ion: 43 Resp: 304070
Ion Ratio Lower Upper
43 100
61 12.7 10.0 15.0
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.674 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 117 Resp: 306934
Ion Ratio Lower Upper
117 100
119 95.6 75.5 113.3
121 29.2 24.4 36.6

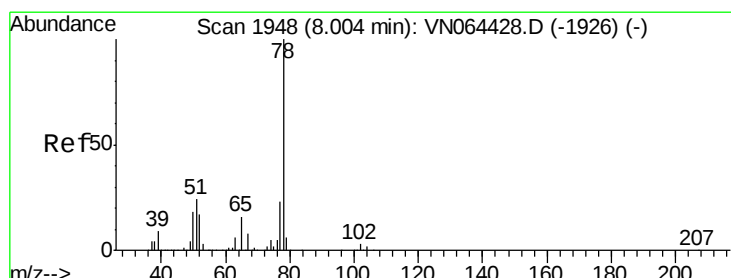
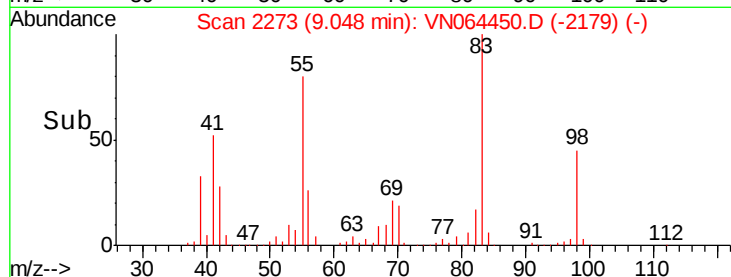
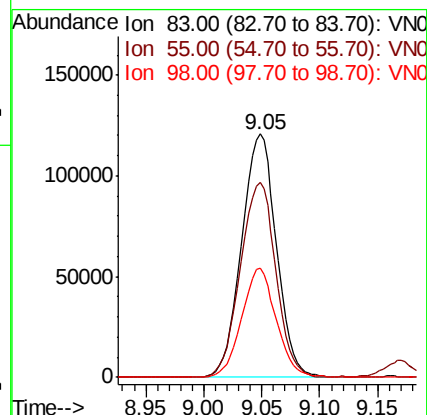
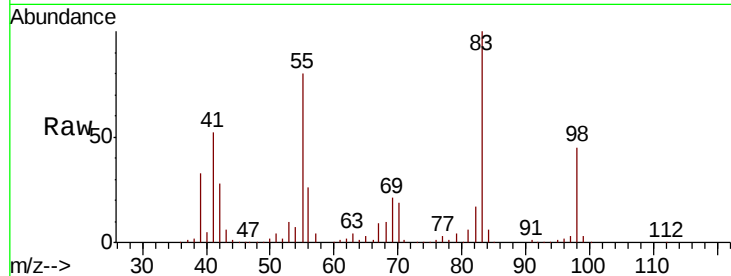




#39
Methvlcvclohexane
Concen: 47.739 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

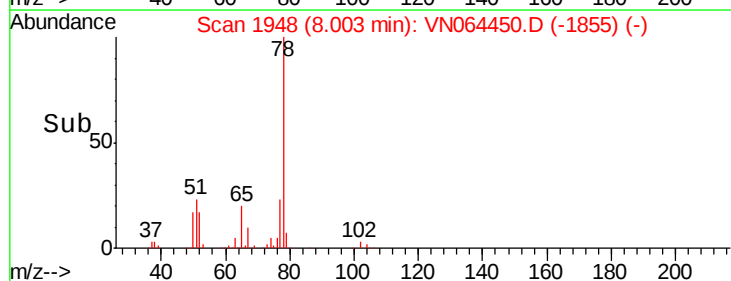
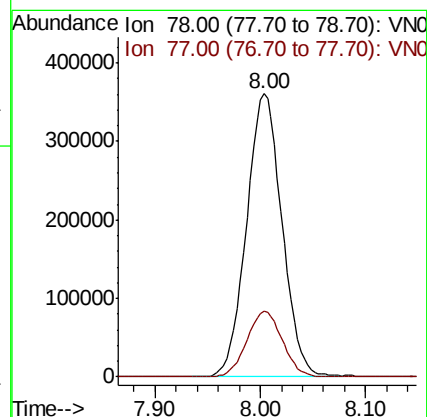
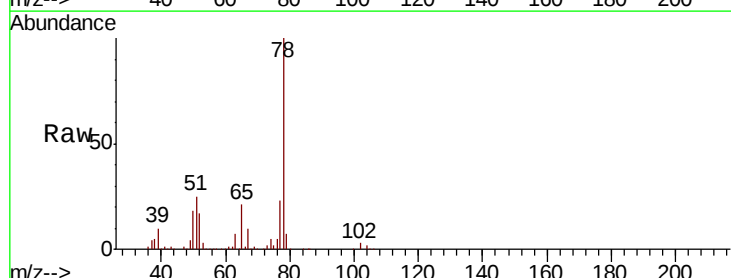
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

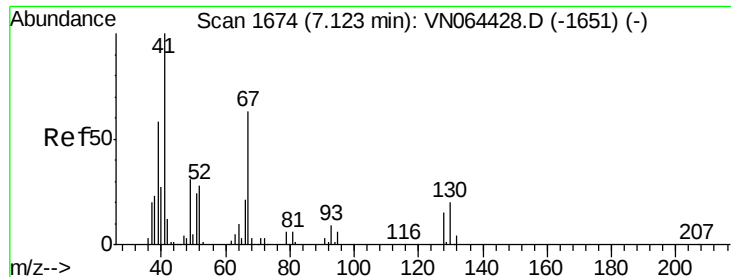
Tot Ion: 83 Resp: 252499
Ion Ratio Lower Upper
83 100
55 80.2 63.8 95.6
98 44.8 35.4 53.2



#40
Benzene
Concen: 48.729 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 78 Resp: 844866
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

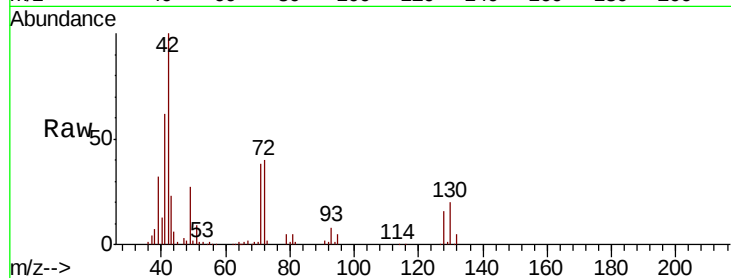




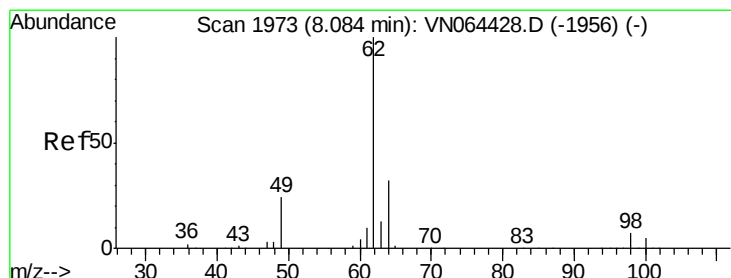
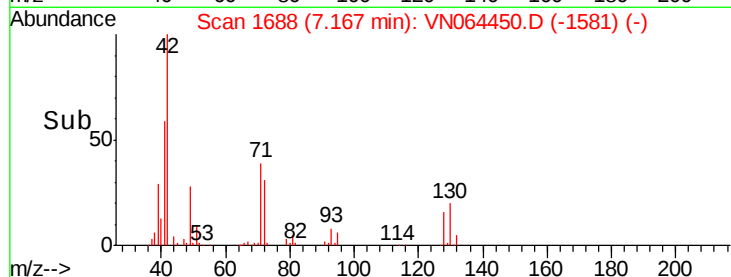
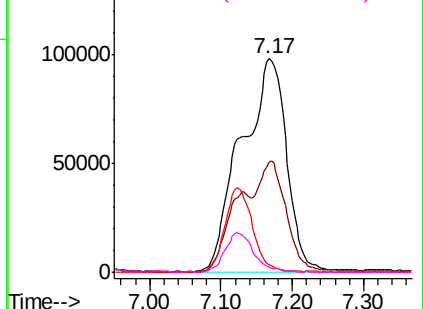
#41
Methacrylonitrile
Concen: 165.463 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.04 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.0	75.0#
67	0.0	68.3	102.5#
52	0.0	32.7	49.1#

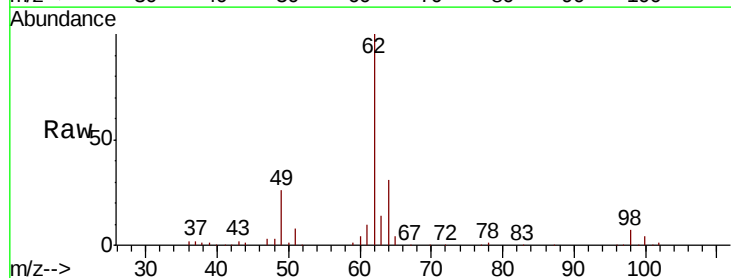


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

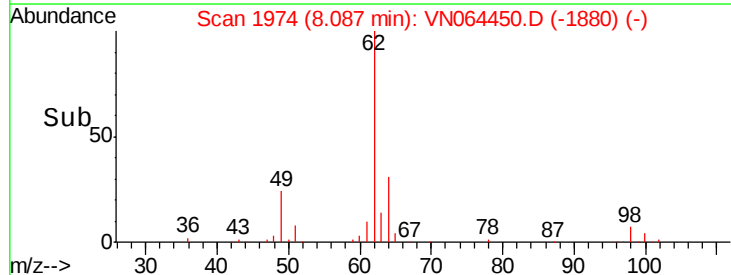
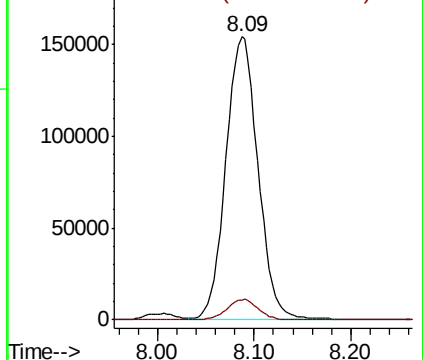


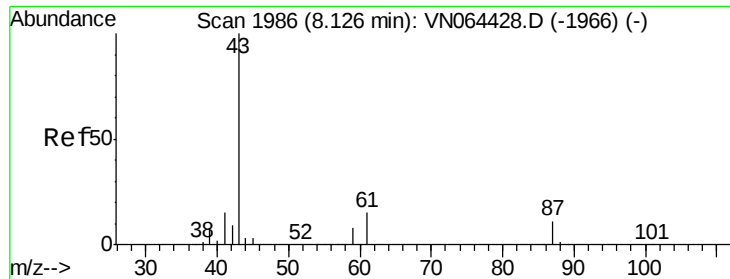
#42
1,2-Dichloroethane
Concen: 50.703 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	14.0



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





#43

Isopropyl Acetate

Concen: 53.076 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

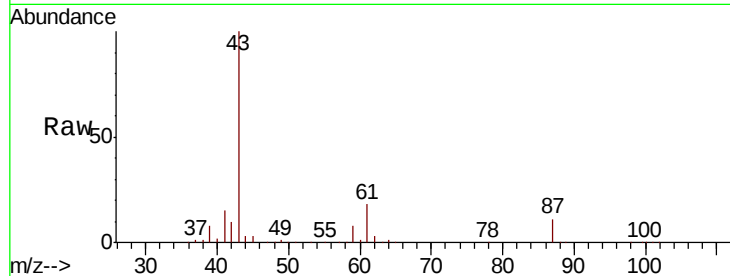
Tot Ion: 43 Resp: 507506

Ion Ratio Lower Upper

43 100

61 17.5 14.0 21.0

87 11.4 9.1 13.7



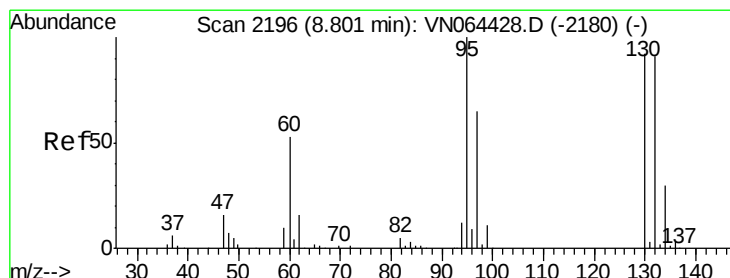
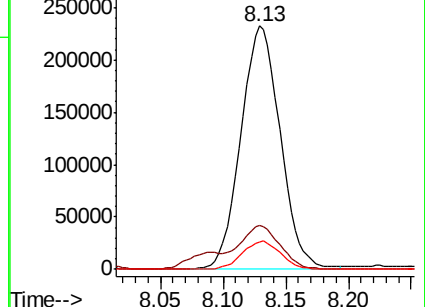
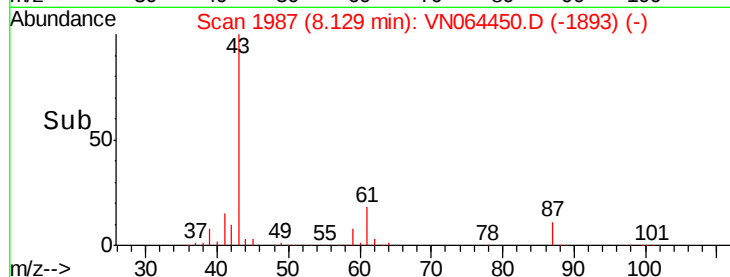
Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

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

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

8.13

Time-->



#44

Trichloroethene

Concen: 47.761 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064450.D

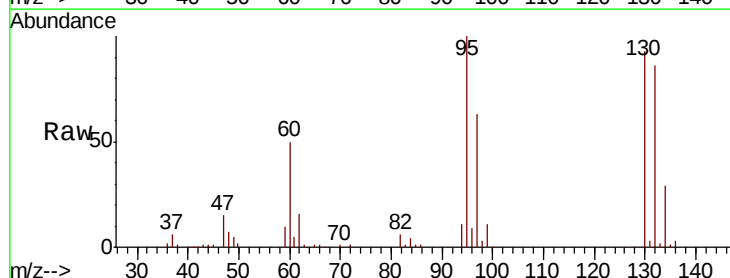
Acq: 4 Nov 2020 20:51

Tgt Ion:130 Resp: 208924

Ion Ratio Lower Upper

130 100

95 107.3 0.0 216.8

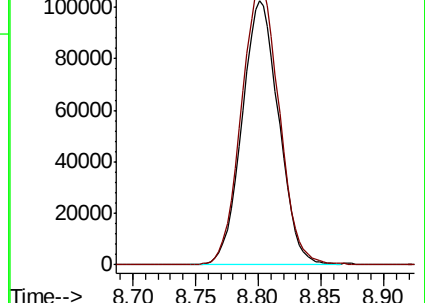
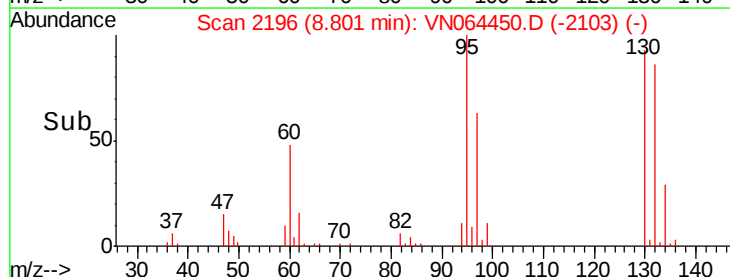


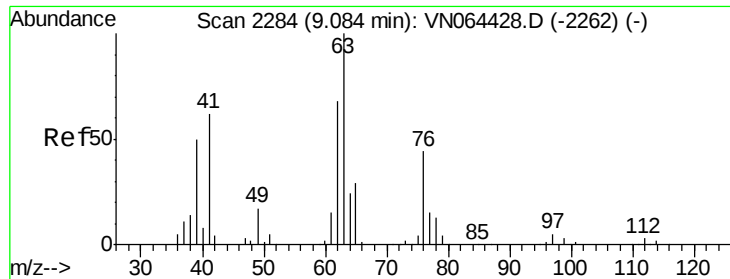
Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

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

8.80

Time-->

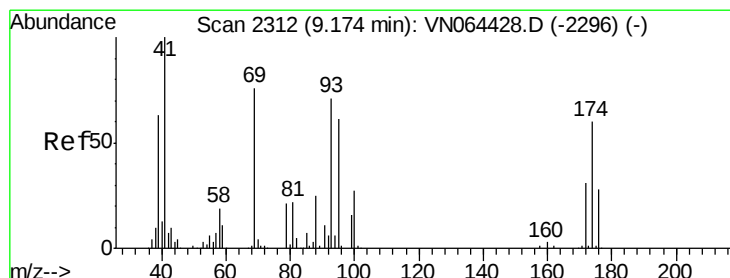
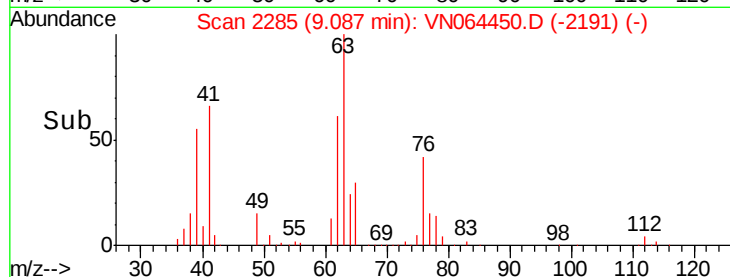
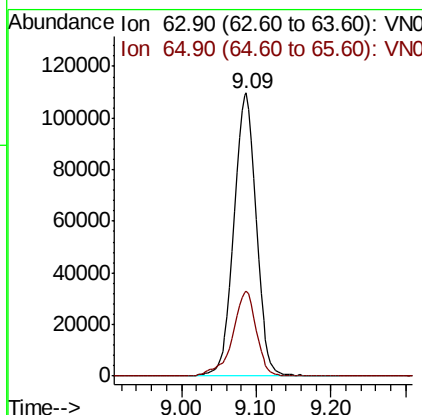
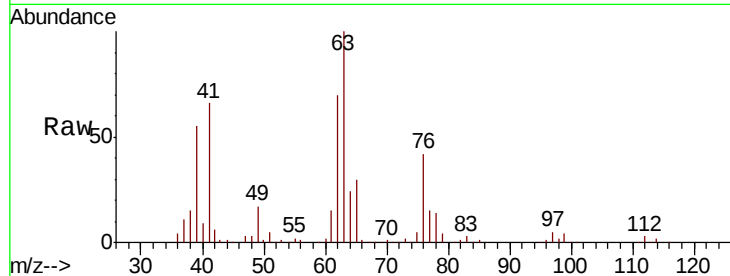




#45
 1,2-Dichloropropane
 Concen: 49.436 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

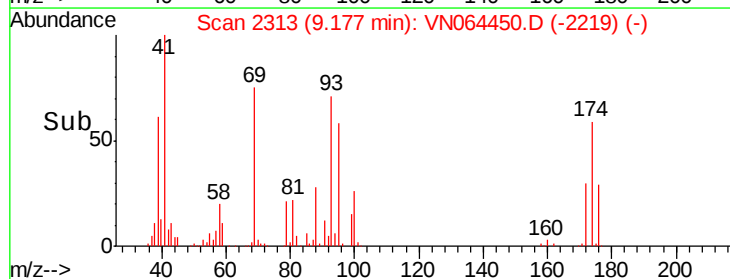
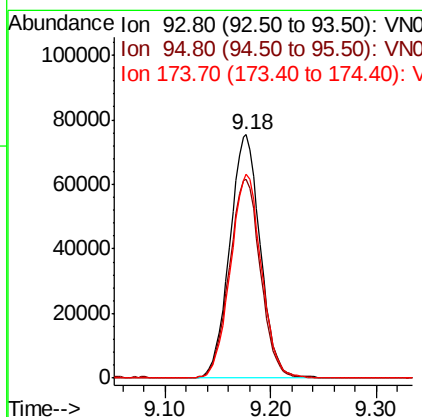
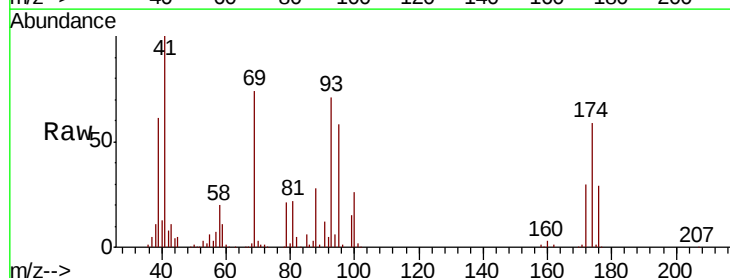
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

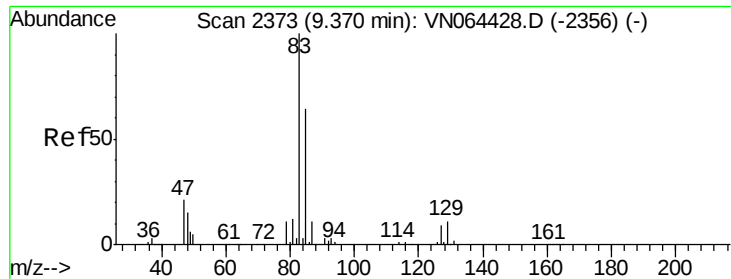
Tot Ion: 63 Resp: 228700
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.6 35.4



#46
 Dibromomethane
 Concen: 49.621 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion: 93 Resp: 151114
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 84.8 67.2 100.8

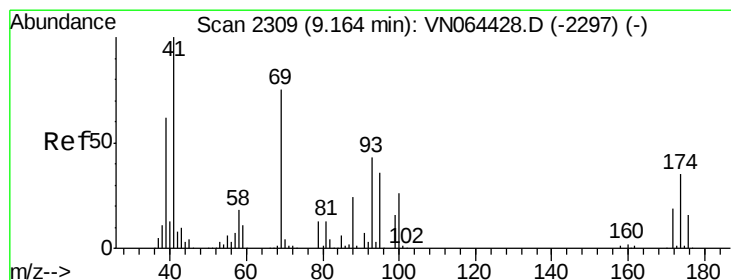
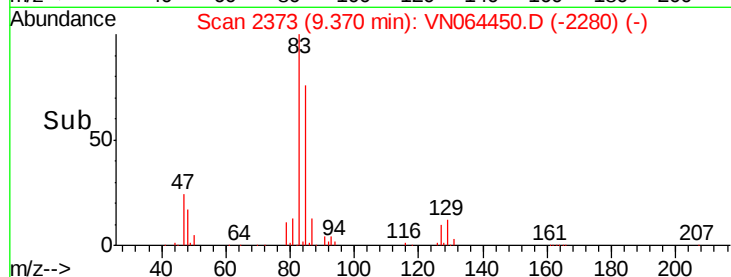
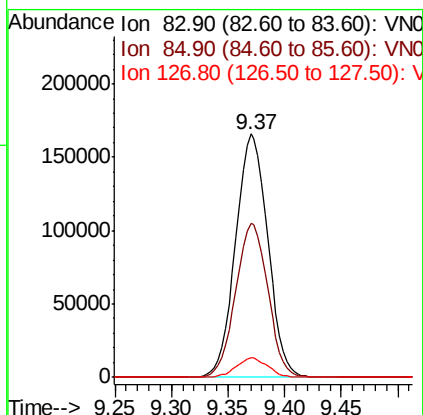
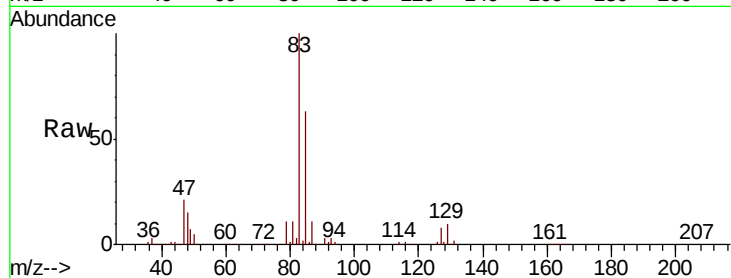




#47
Bromodichloromethane
Concen: 50.372 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

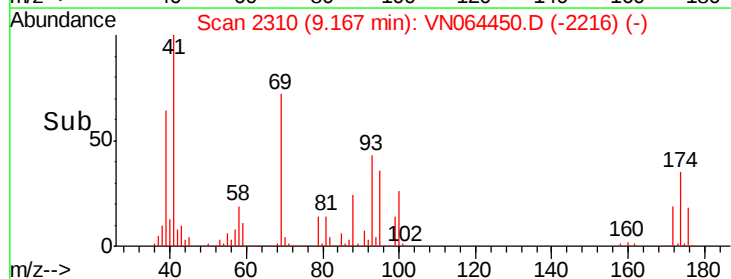
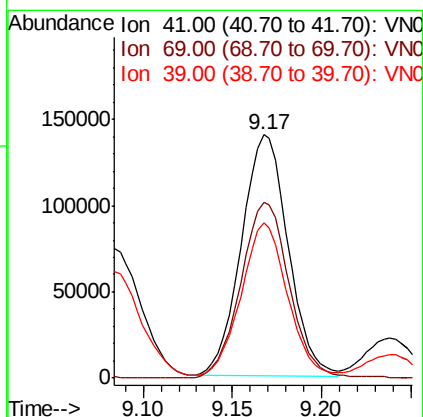
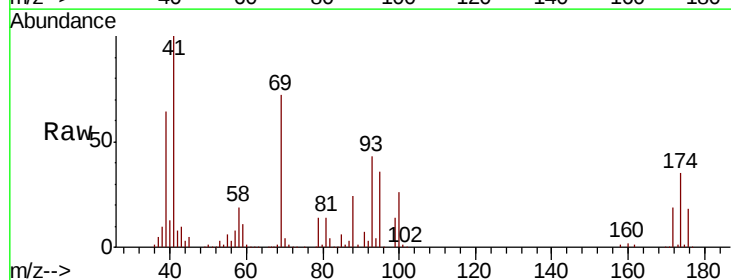
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

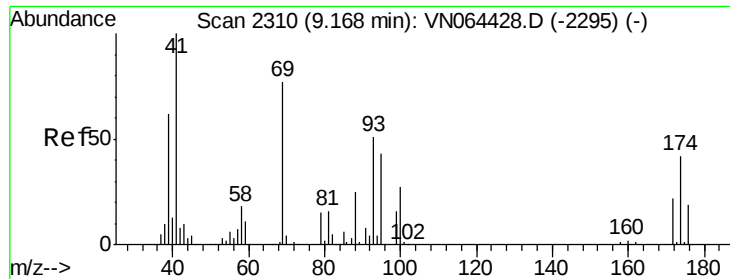
Tot Ion: 83 Resp: 329846
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8
127 8.2 6.9 10.3



#48
Methyl methacrylate
Concen: 52.944 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 41 Resp: 255454
Ion Ratio Lower Upper
41 100
69 76.0 60.4 90.6
39 64.2 51.2 76.8

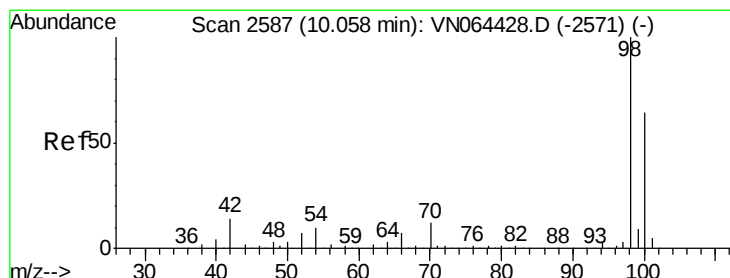
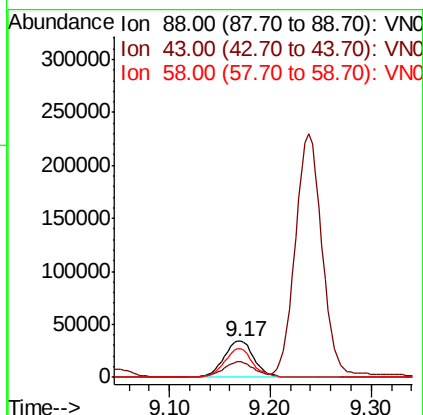
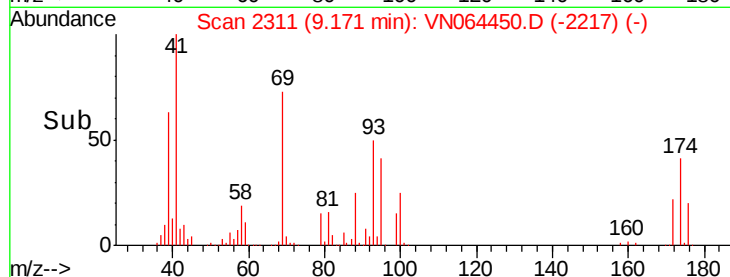
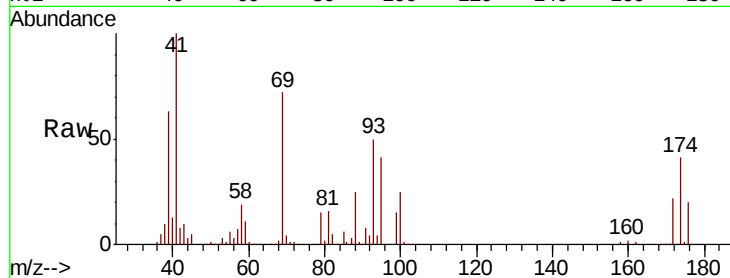




#49
1,4-Dioxane
Concen: 1136.133 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

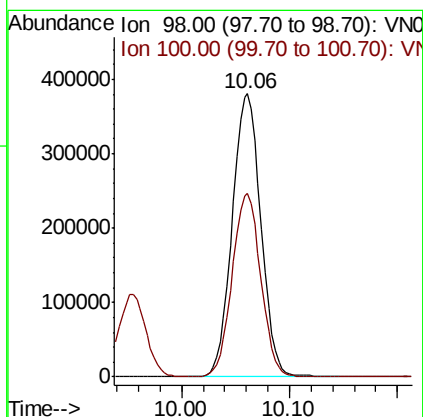
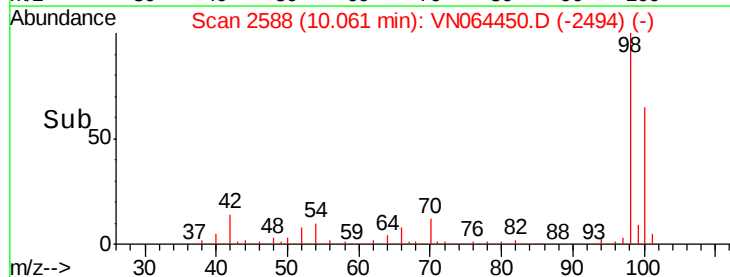
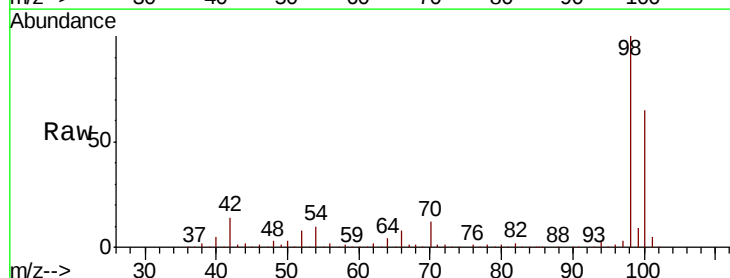
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

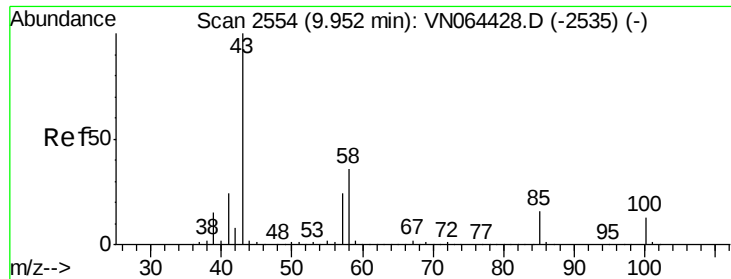
Tot Ion: 88 Resp: 72203
Ion Ratio Lower Upper
88 100
43 39.0 31.0 46.6
58 73.0 58.4 87.6



#50
Toluene-d8
Concen: 47.681 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 98 Resp: 700785
Ion Ratio Lower Upper
98 100
100 64.7 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 282.167 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

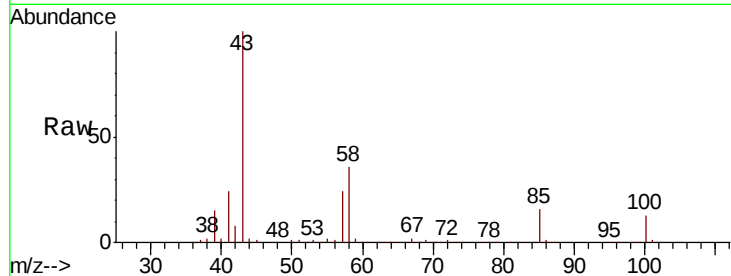
VSTDCCC050EC

Tot Ion: 43 Resp: 1573428

Ion Ratio Lower Upper

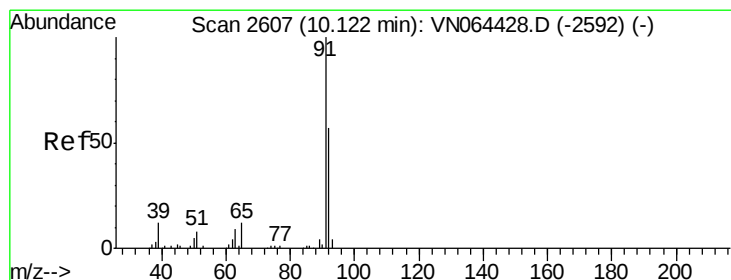
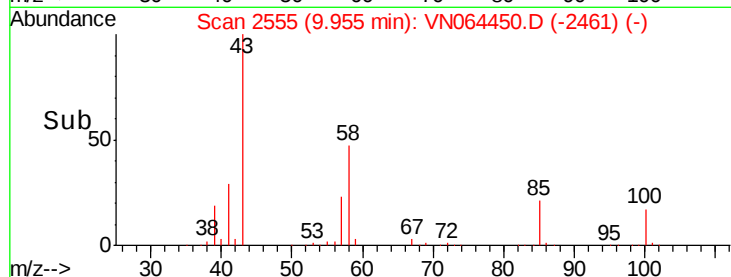
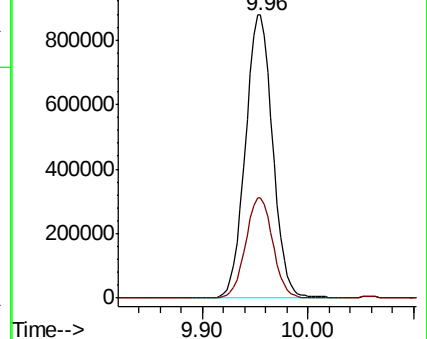
43 100

58 35.5 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)



#52

Toluene

Concen: 50.568 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064450.D

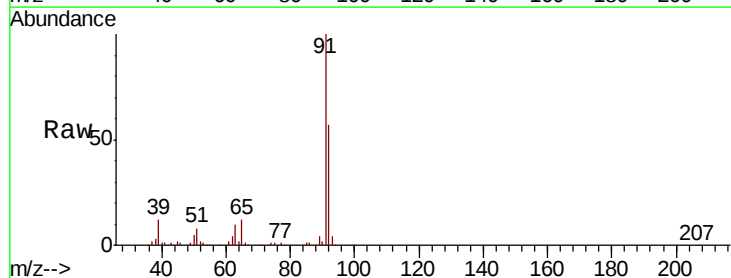
Acq: 4 Nov 2020 20:51

Tgt Ion: 92 Resp: 534746

Ion Ratio Lower Upper

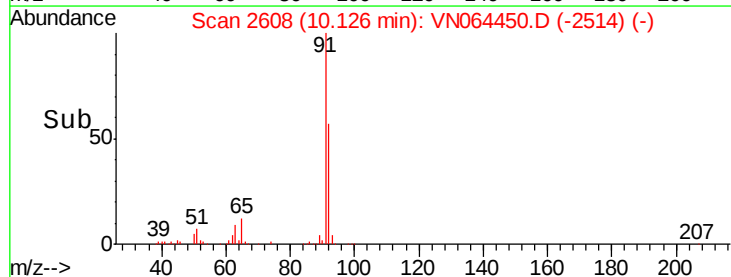
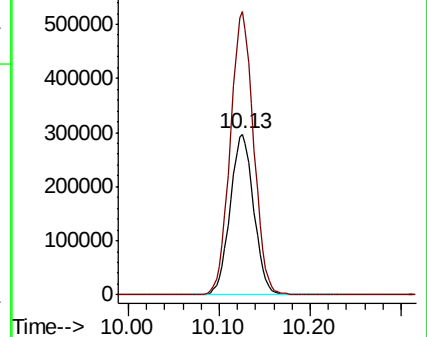
92 100

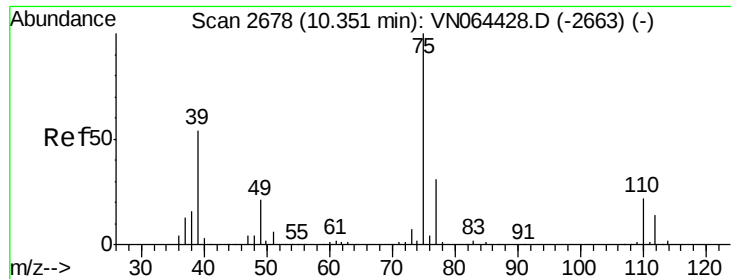
91 174.6 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 50.173 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

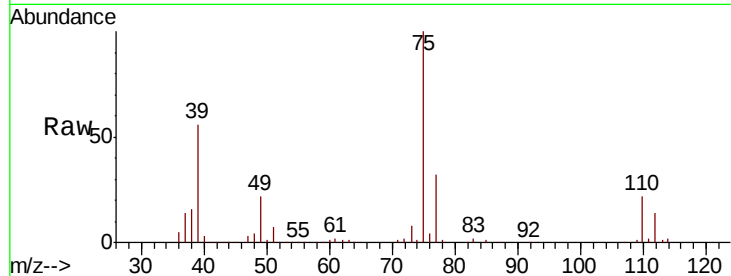
VSTDCCC050EC

Tot Ion: 75 Resp: 348307

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

200000

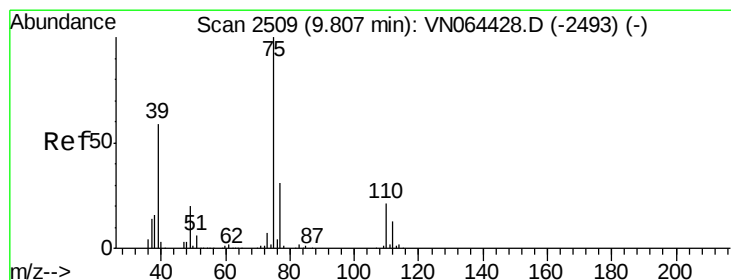
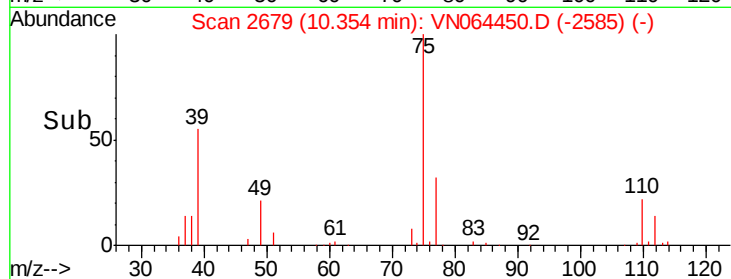
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.792 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

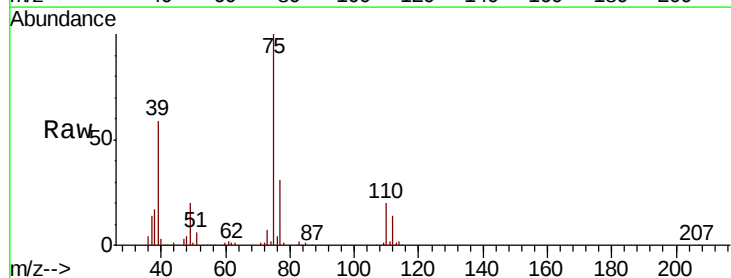
Tgt Ion: 75 Resp: 369574

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

39 59.1 47.1 70.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

250000

200000

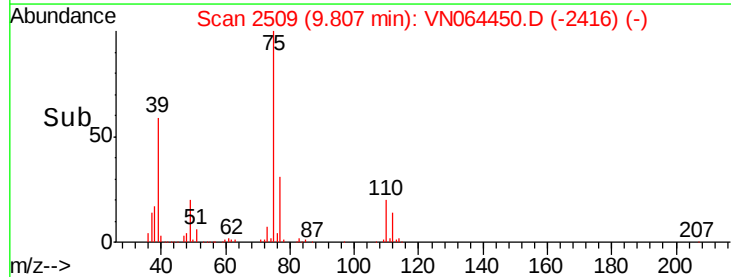
150000

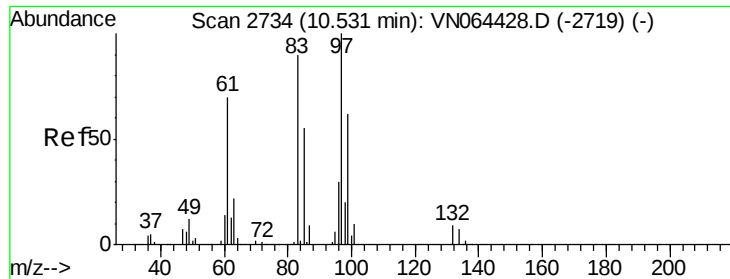
100000

50000

0

Time-->

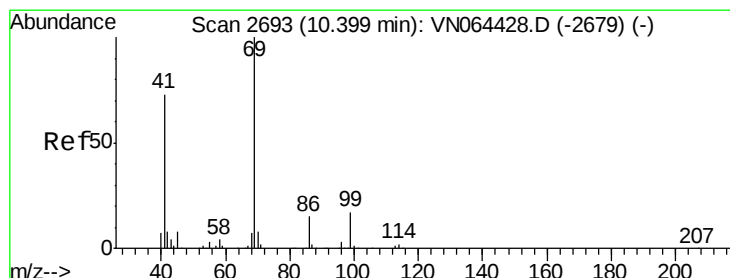
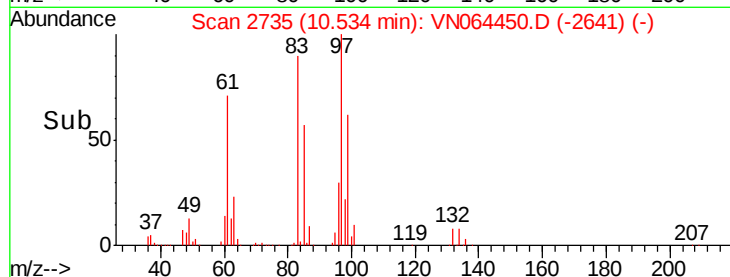
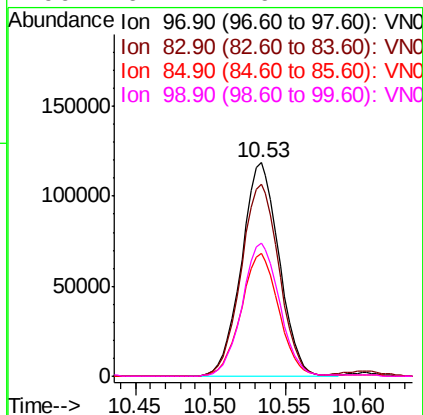
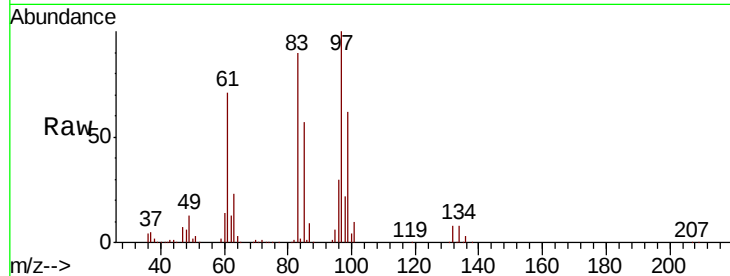




#55
 1,1,2-Trichloroethane
 Concen: 50.437 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

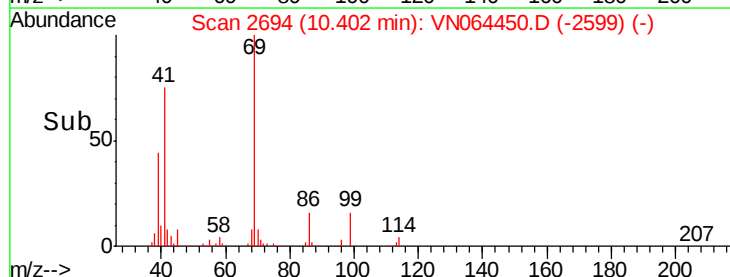
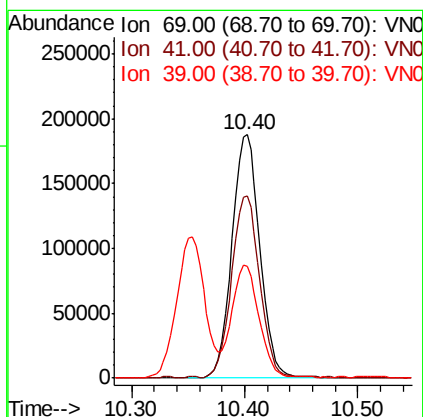
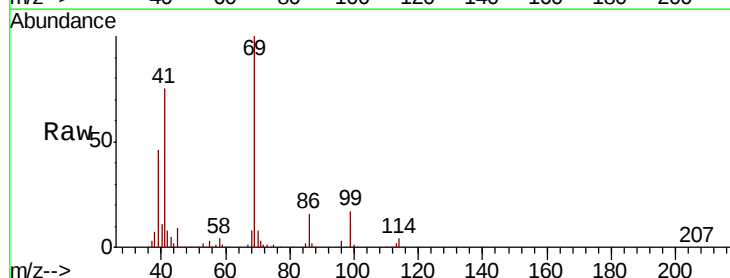
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

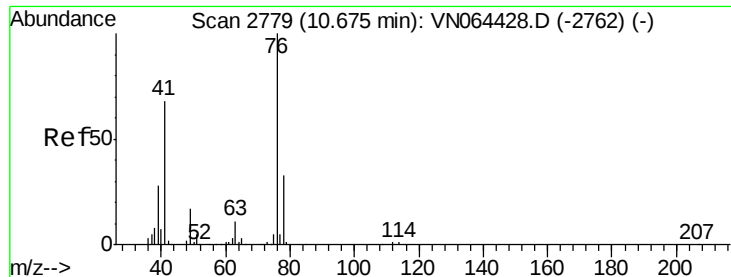
Tot Ion:	97	Resp:	208006
Ion	Ratio	Lower	Upper
97	100		
83	89.7	71.7	107.5
85	57.3	44.3	66.5
99	62.2	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 47.513 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion:	69	Resp:	321749
Ion	Ratio	Lower	Upper
69	100		
41	74.6	59.3	88.9
39	45.3	35.4	53.0





#57

1,3-Dichloropropane

Concen: 50.620 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

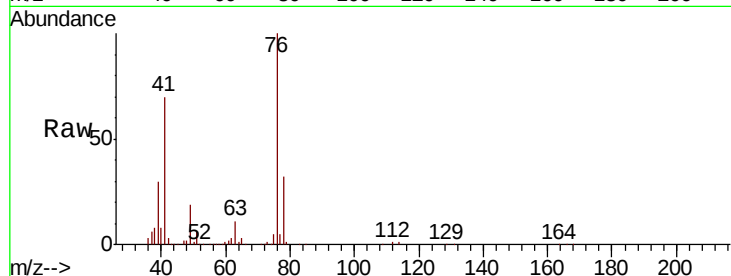
VSTDCCC050EC

Tot Ion: 76 Resp: 364386

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-2762) (-)

10.68

200000

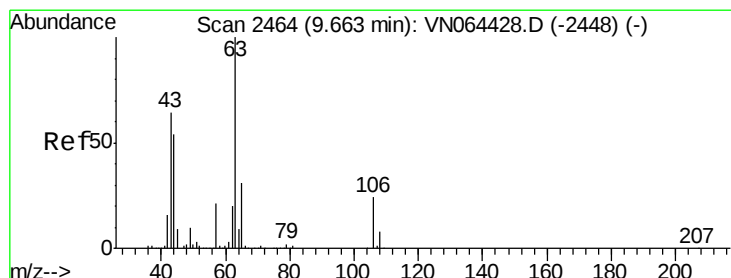
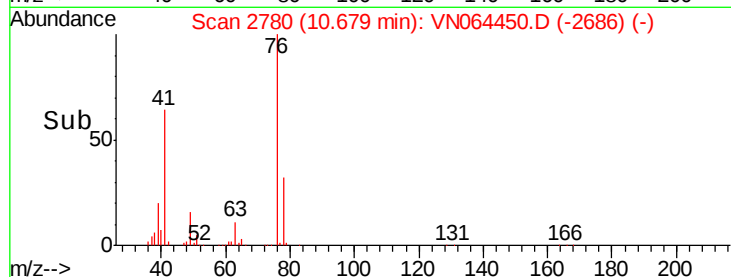
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.913 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064450.D

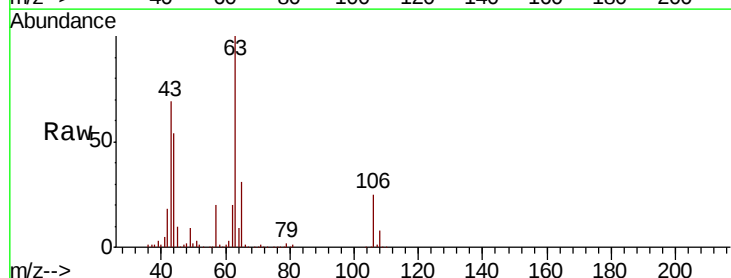
Acq: 4 Nov 2020 20:51

Tgt Ion: 63 Resp: 839840

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN064428.D (-2448) (-)

9.66

500000

400000

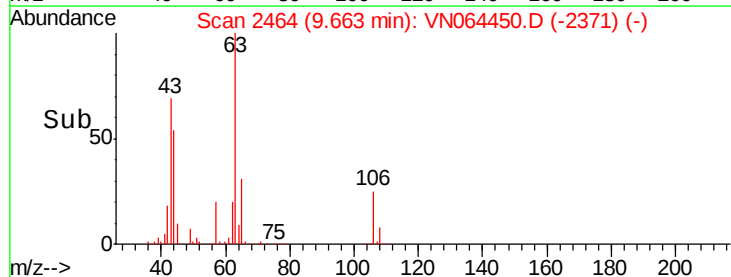
300000

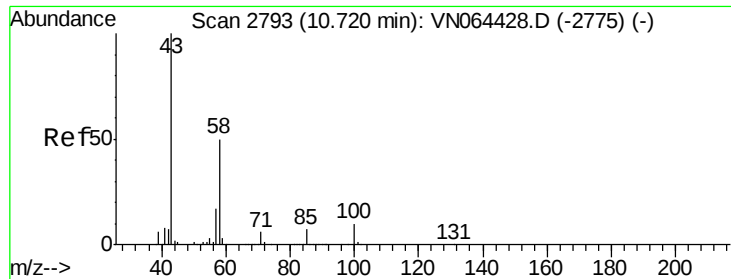
200000

100000

0

Time-->

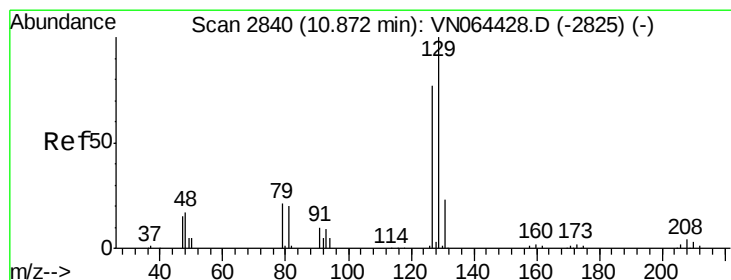
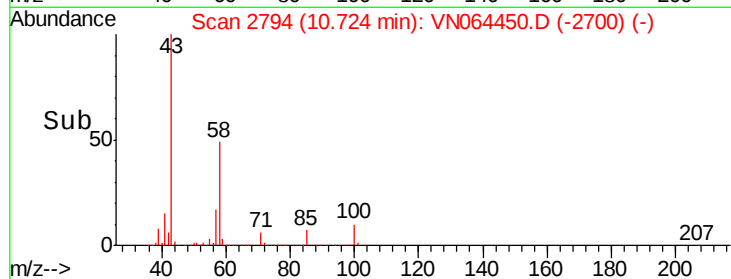
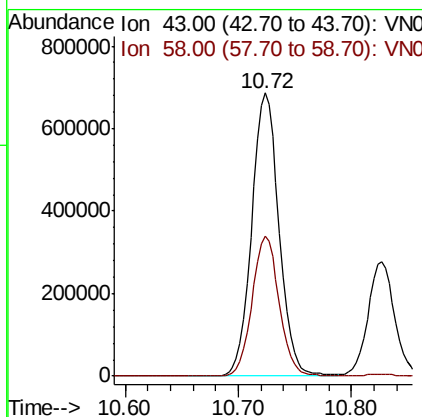
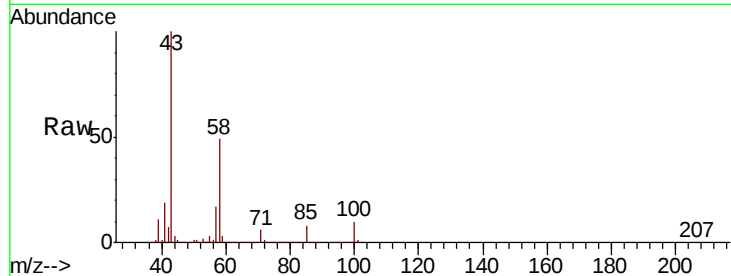




#59
2-Hexanone
Concen: 252.480 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

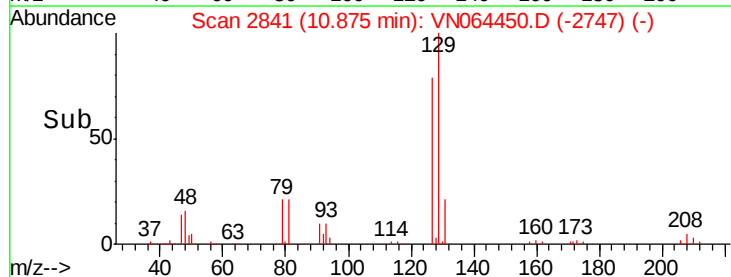
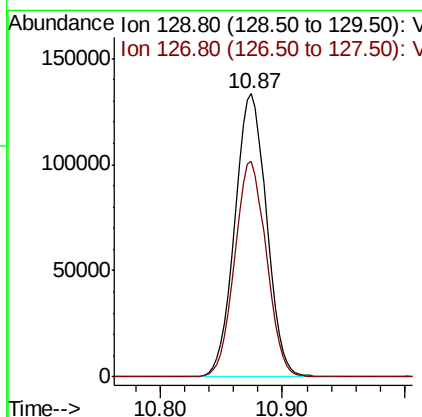
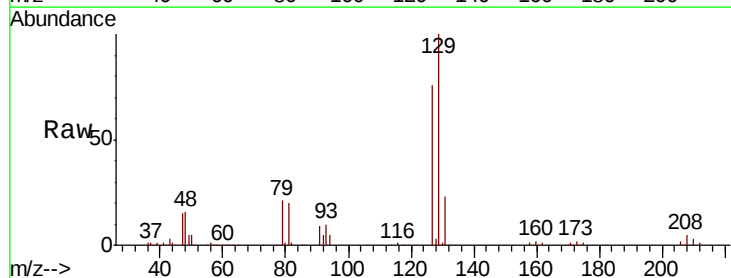
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

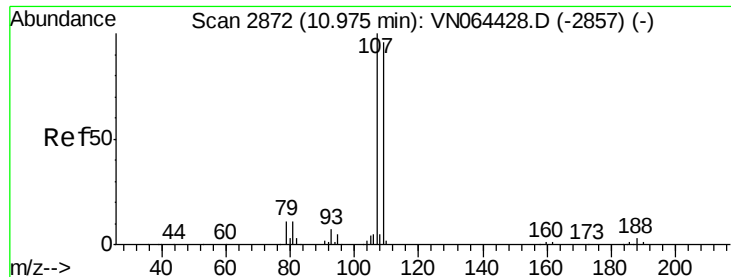
Tot Ion: 43 Resp: 1148231
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1



#60
Dibromochloromethane
Concen: 52.080 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 129 Resp: 240472
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7

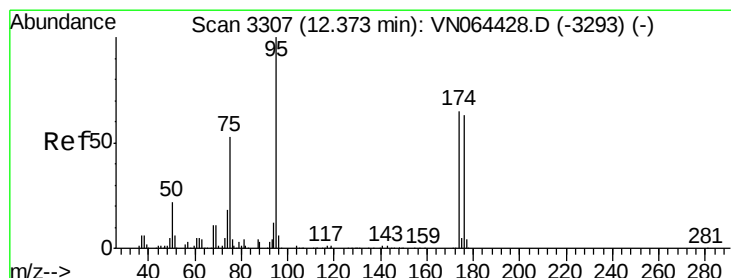
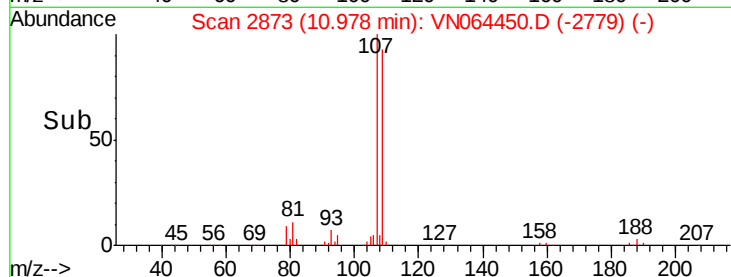
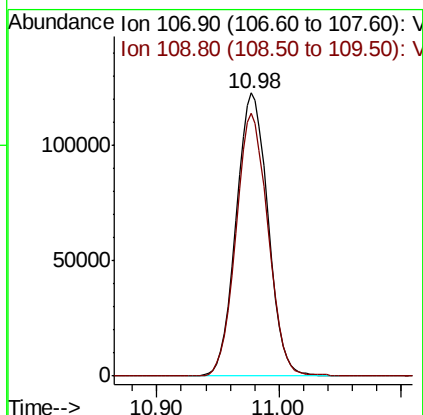
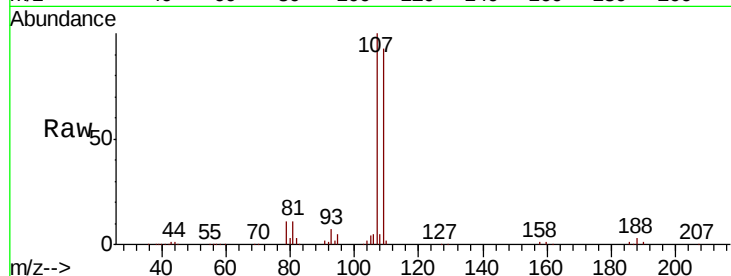




#61
 1,2-Dibromoethane
 Concen: 52.843 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

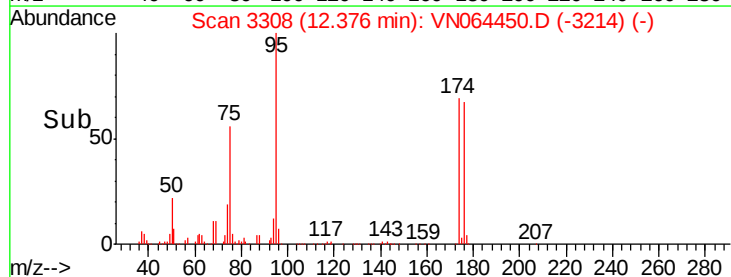
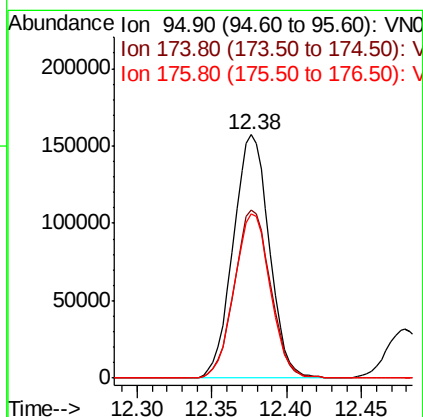
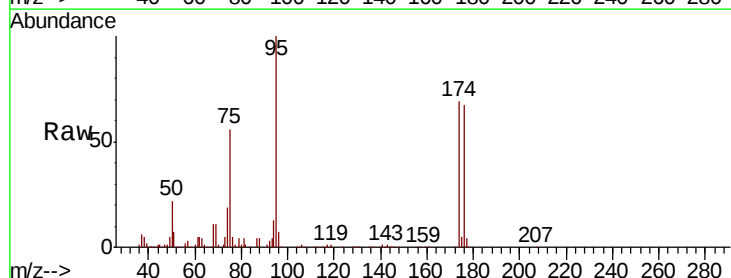
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

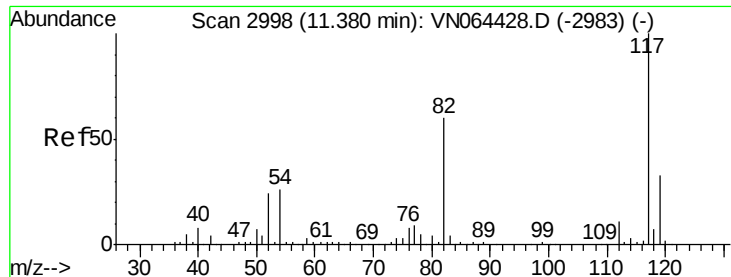
Tot Ion: 107 Resp: 221048
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.556 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion: 95 Resp: 264334
 Ion Ratio Lower Upper
 95 100
 174 69.5 0.0 132.6
 176 67.7 0.0 129.2

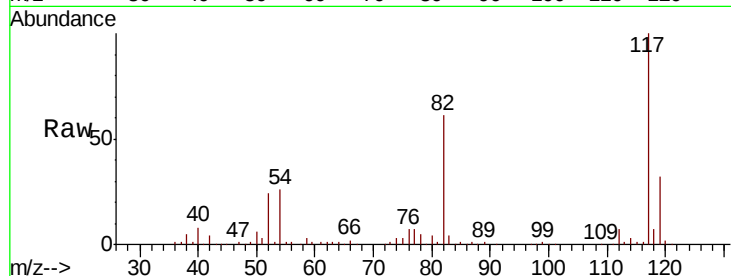




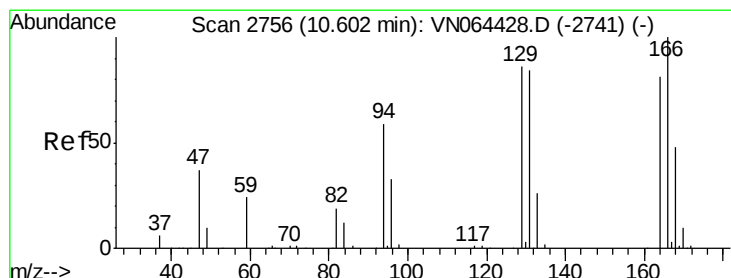
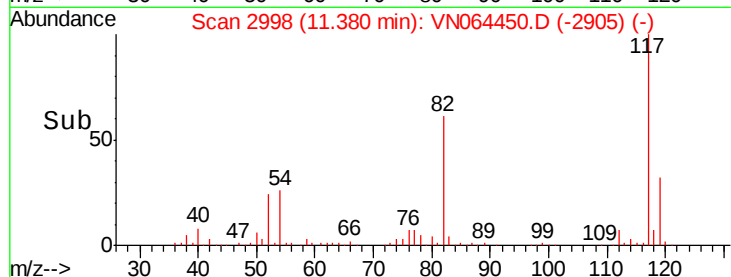
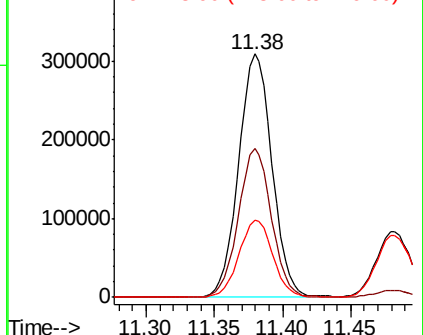
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 526507
Ion Ratio Lower Upper
117 100
82 61.1 48.1 72.1
119 31.7 26.2 39.4

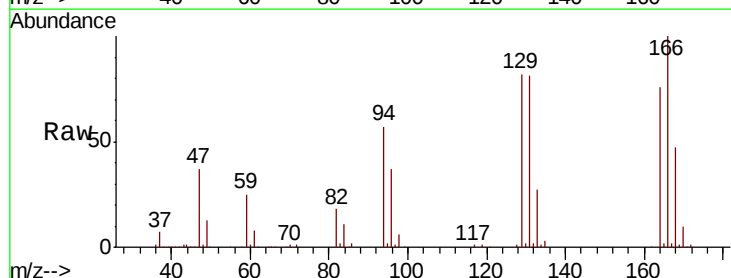


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

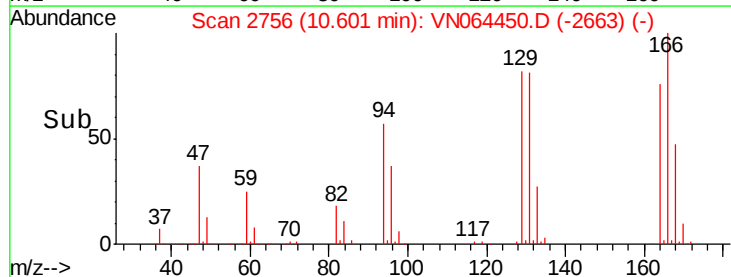
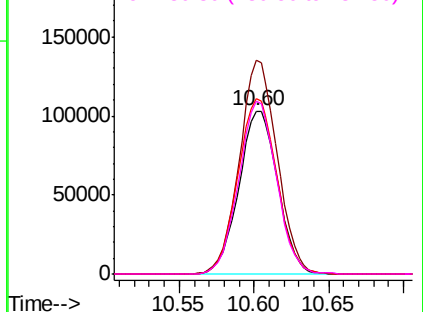


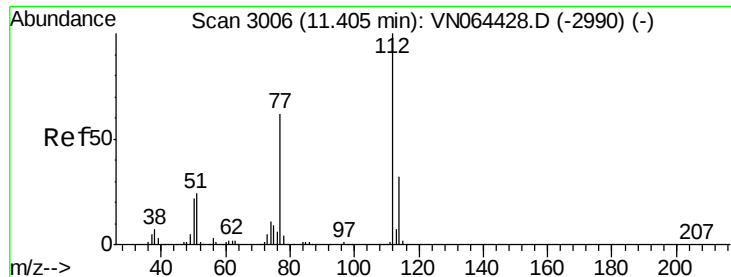
#64
Tetrachloroethene
Concen: 45.806 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion:164 Resp: 185775
Ion Ratio Lower Upper
164 100
166 131.1 98.2 147.2
129 107.2 84.6 127.0
131 105.7 82.2 123.2



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

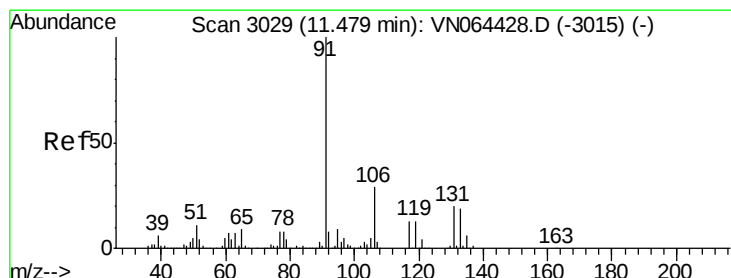
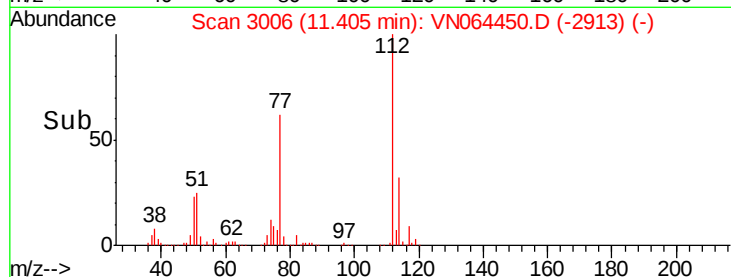
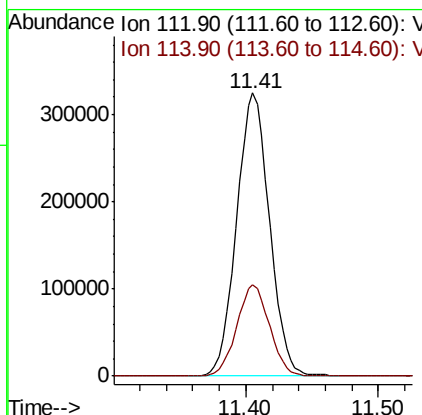
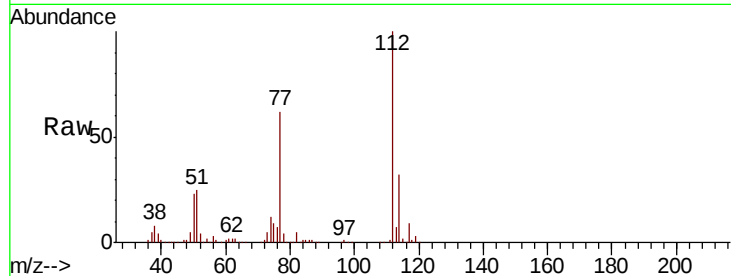




#65
Chlorobenzene
Concen: 48.490 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

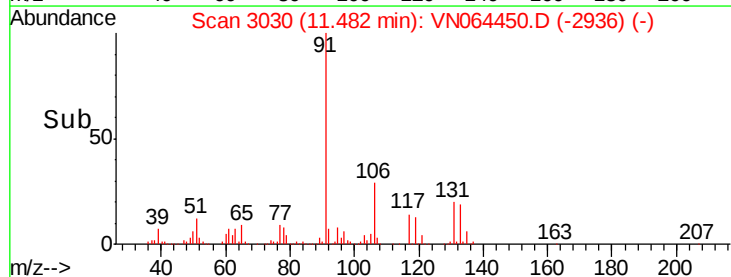
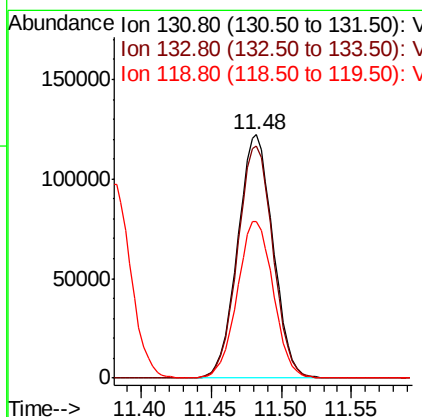
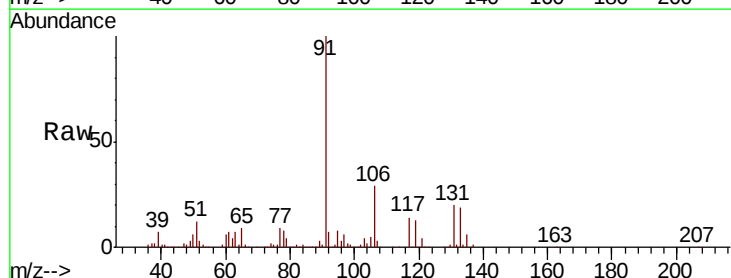
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

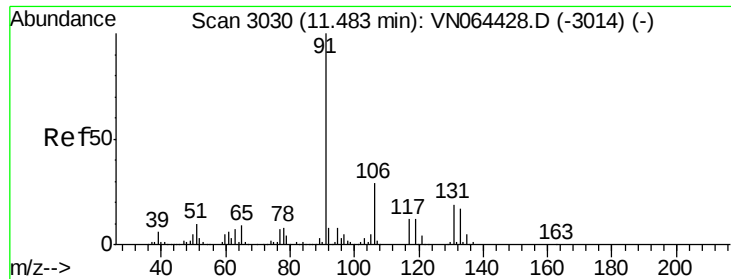
Tot Ion:112 Resp: 559683
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.880 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion:131 Resp: 214782
Ion Ratio Lower Upper
131 100
133 95.4 46.9 140.7
119 65.5 32.1 96.5

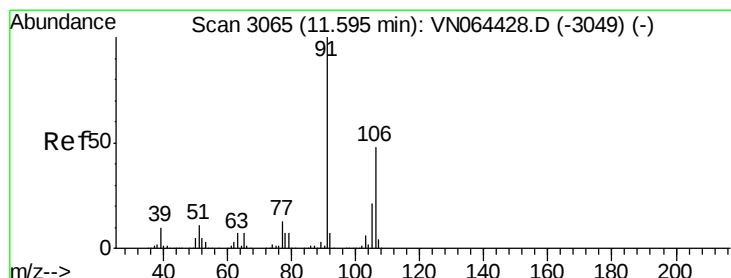
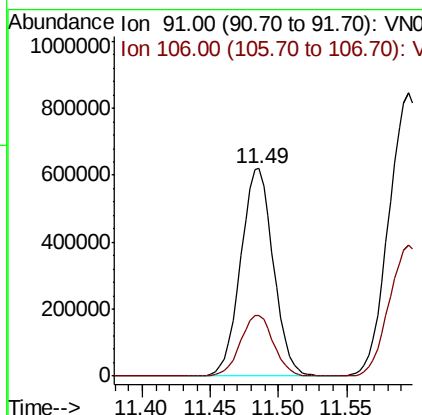
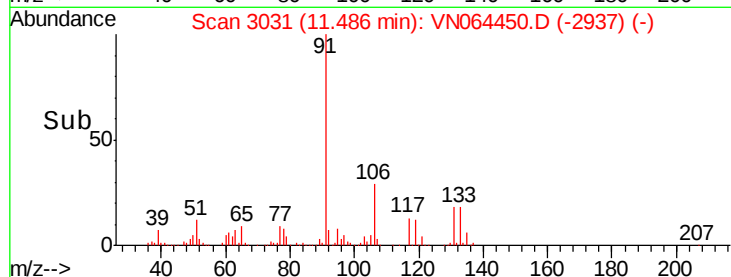
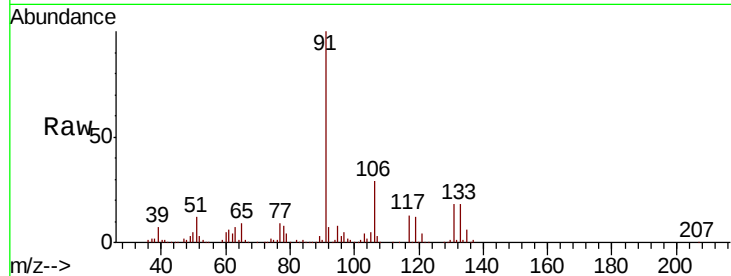




#67
Ethyl Benzene
Concen: 50.339 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

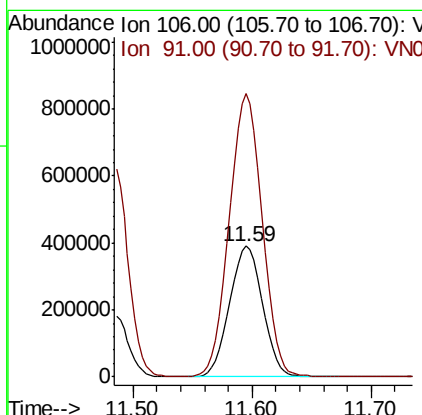
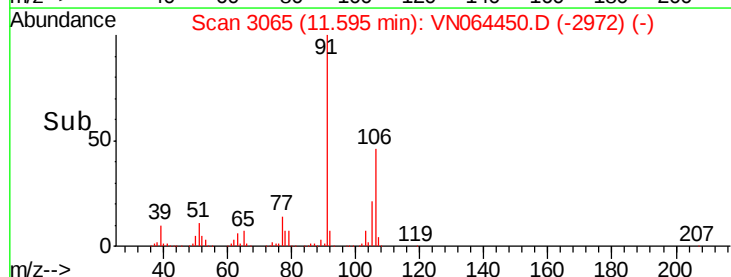
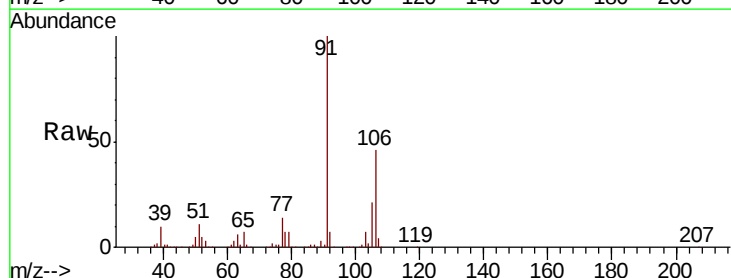
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

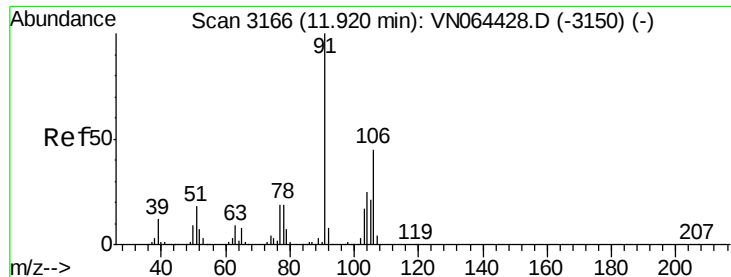
Tot Ion: 91 Resp: 1033483
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4



#68
m/p-Xylenes
Concen: 100.913 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 106 Resp: 751360
Ion Ratio Lower Upper
106 100
91 215.8 169.4 254.2

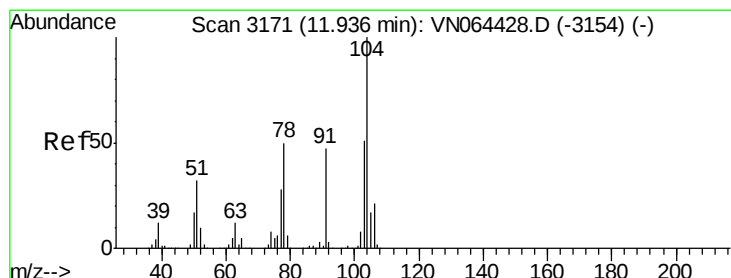
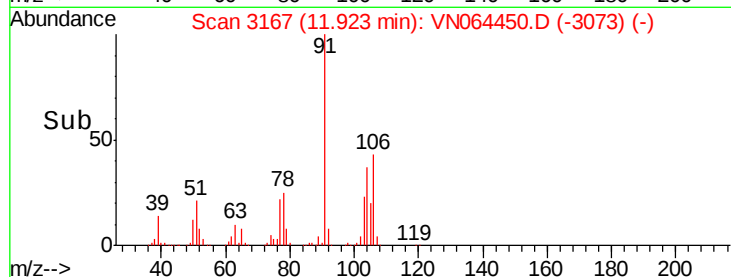
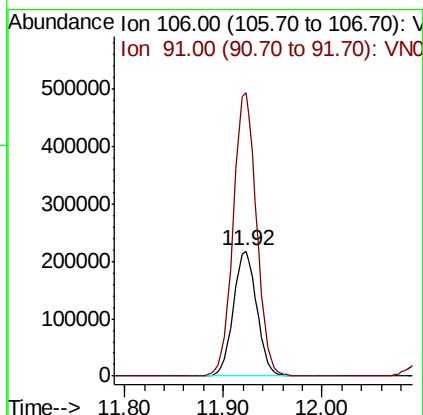
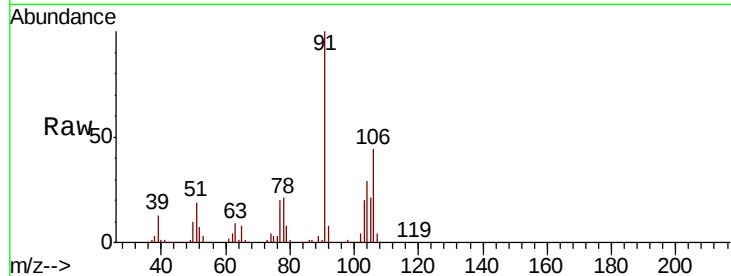




#69
o-Xylene
Concen: 50.184 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

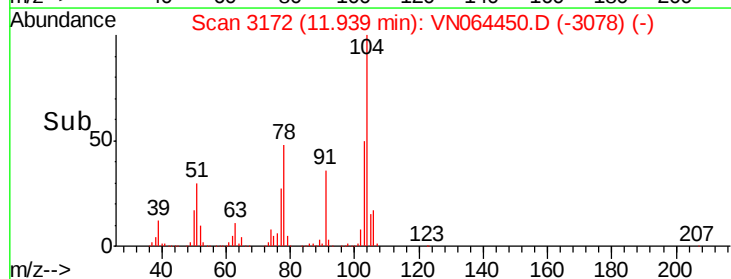
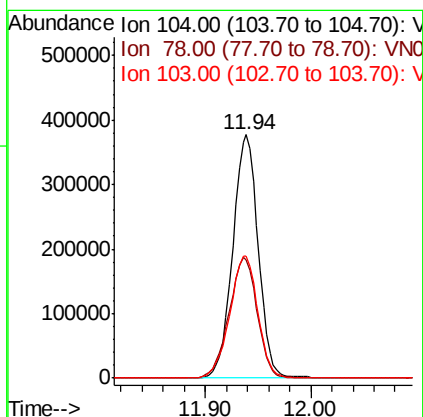
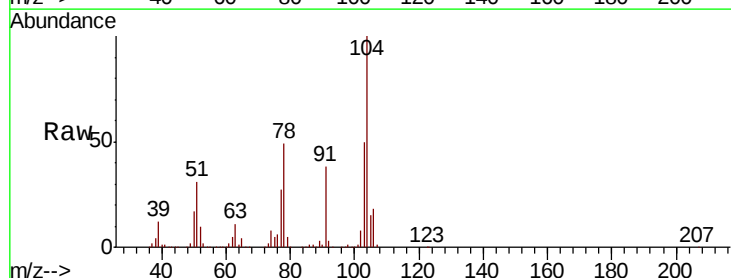
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

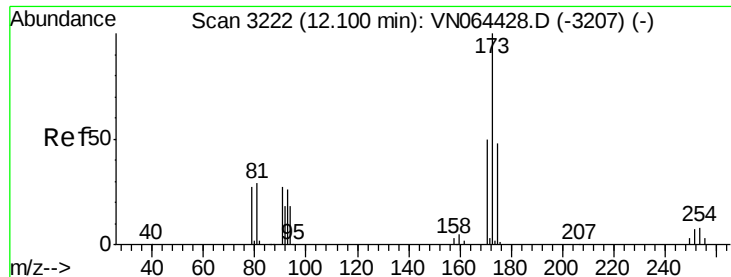
Tot Ion:106 Resp: 361067
Ion Ratio Lower Upper
106 100
91 225.0 111.7 334.9



#70
Styrene
Concen: 51.983 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion:104 Resp: 629355
Ion Ratio Lower Upper
104 100
78 54.9 44.0 66.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 48.868 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

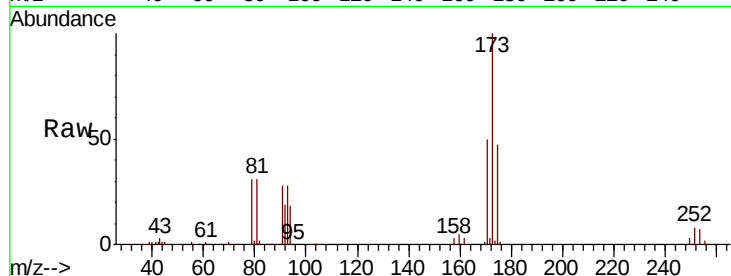
Tot Ion:173 Resp: 157905

Ion Ratio Lower Upper

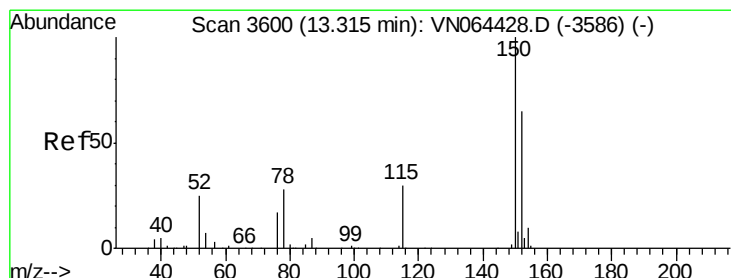
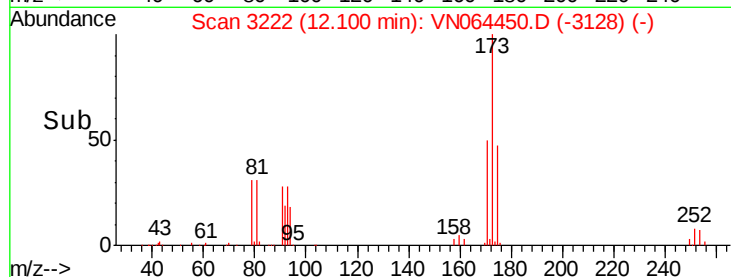
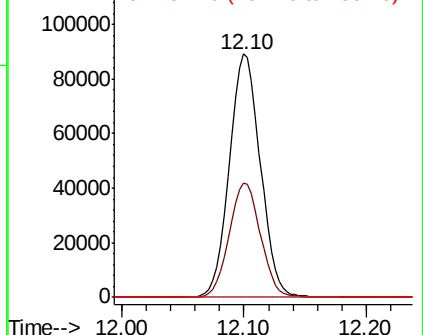
173 100

175 47.5 23.7 71.1

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: VN064450.D

Acq: 4 Nov 2020 20:51

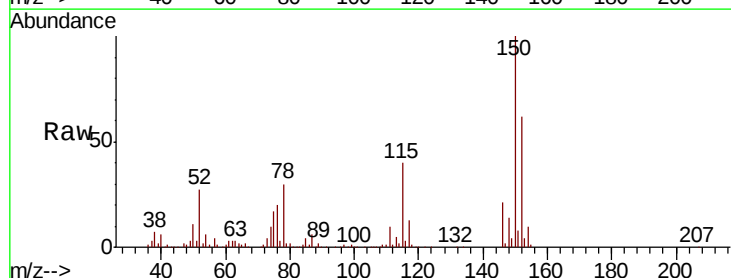
Tgt Ion:152 Resp: 237442

Ion Ratio Lower Upper

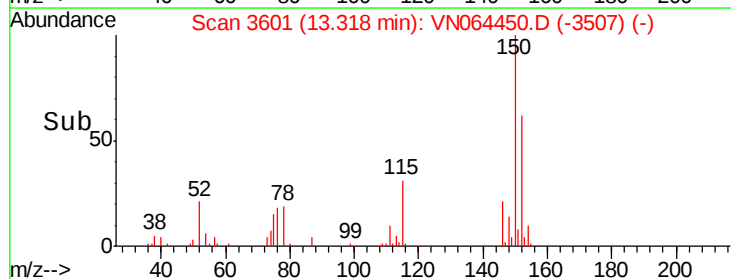
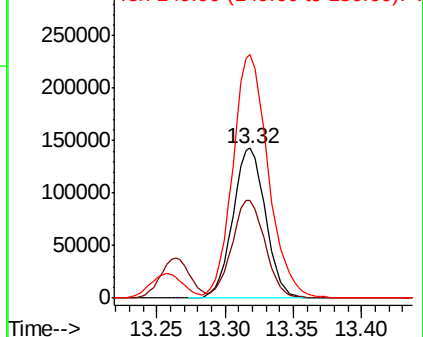
152 100

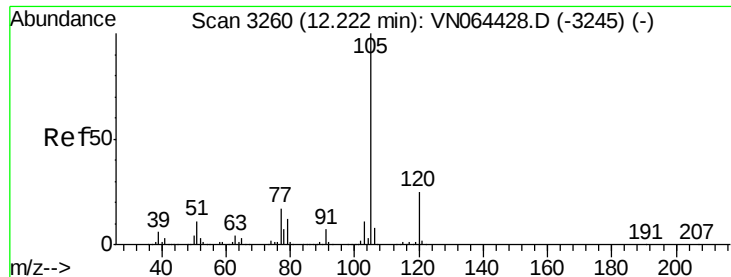
115 65.7 32.0 96.0

150 176.0 0.0 353.8



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: 49.751 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

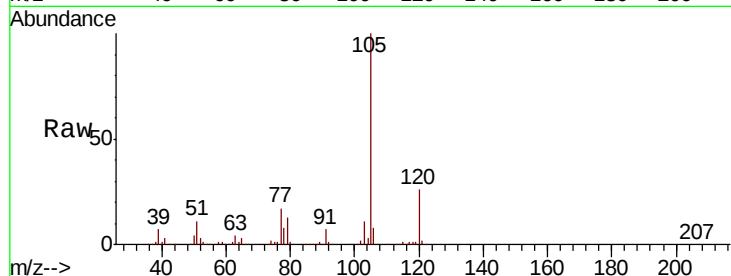
VSTDCCC050EC

Tot Ion:105 Resp: 938928

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

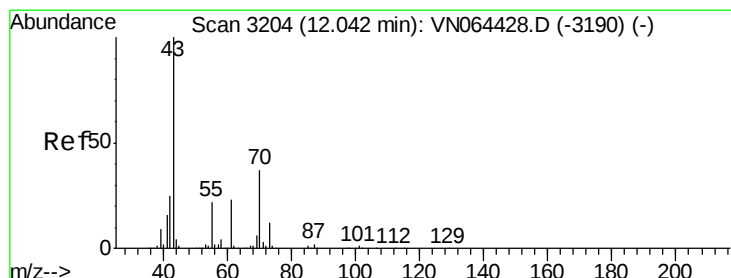
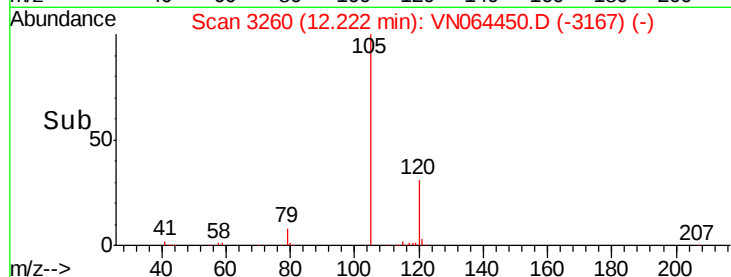
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.900 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Tgt Ion: 43 Resp: 456727

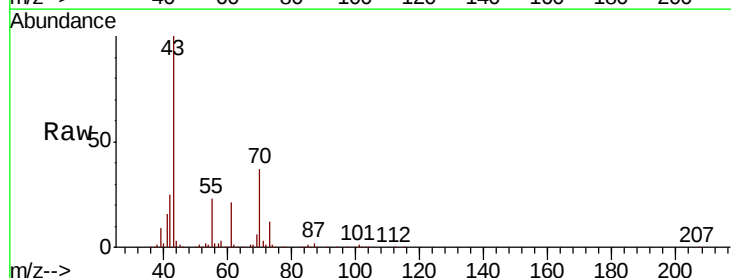
Ion Ratio Lower Upper

43 100

70 36.8 29.6 44.4

55 23.3 18.4 27.6

61 21.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

400000

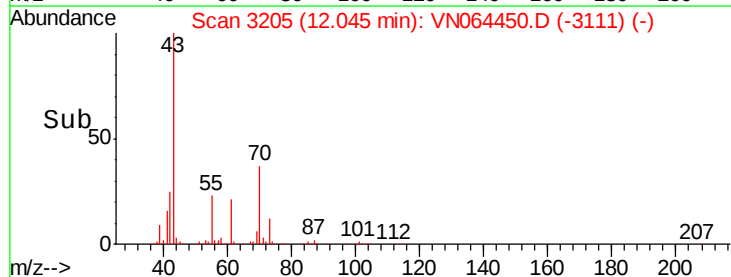
300000

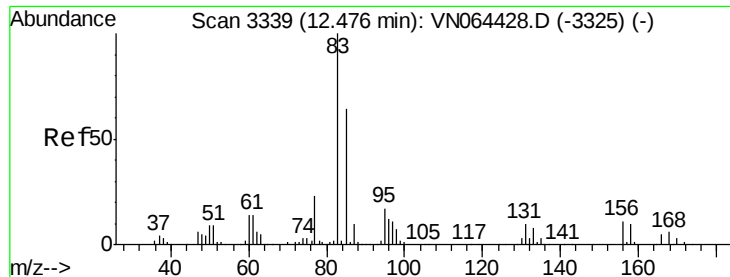
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.971 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

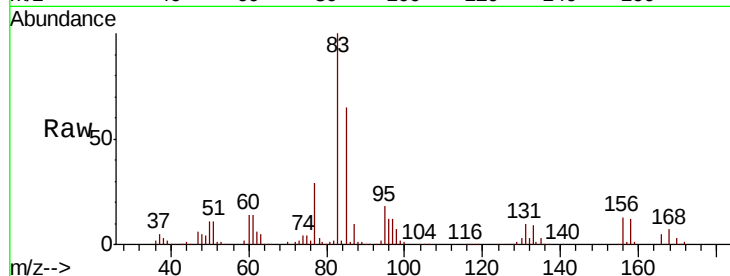
Tot Ion: 83 Resp: 301263

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

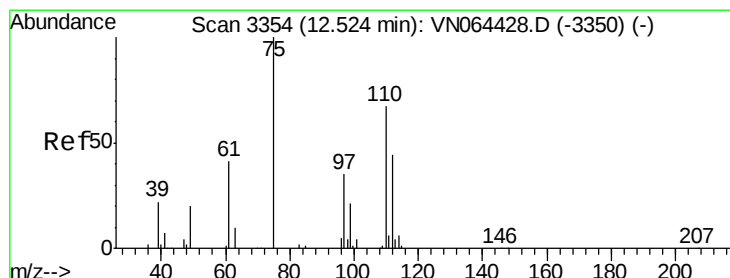
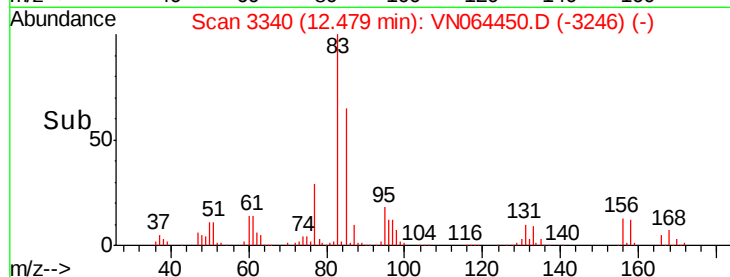
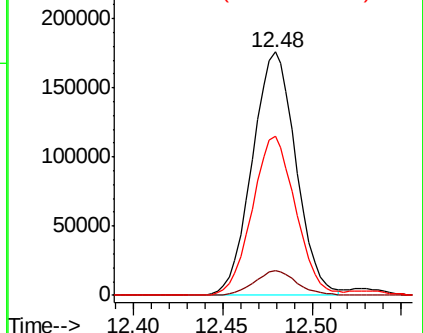
85 64.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 73.531 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064450.D

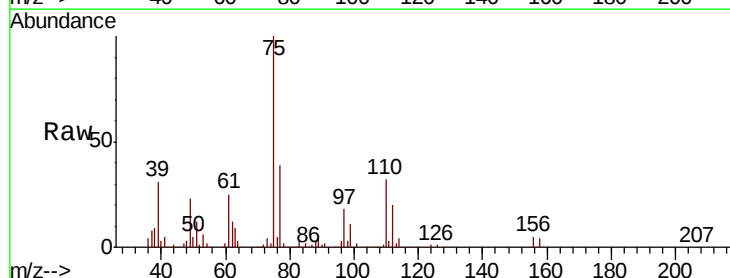
Acq: 4 Nov 2020 20:51

Tgt Ion: 75 Resp: 423027

Ion Ratio Lower Upper

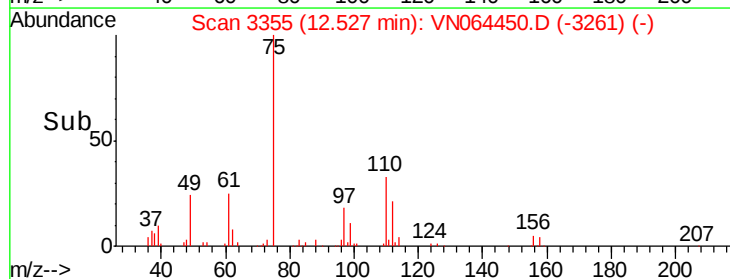
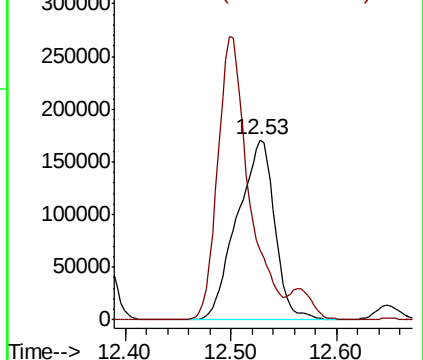
75 100

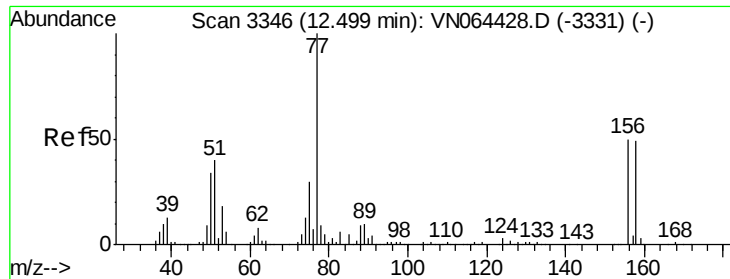
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#77

Bromobenzene

Concen: 48.782 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

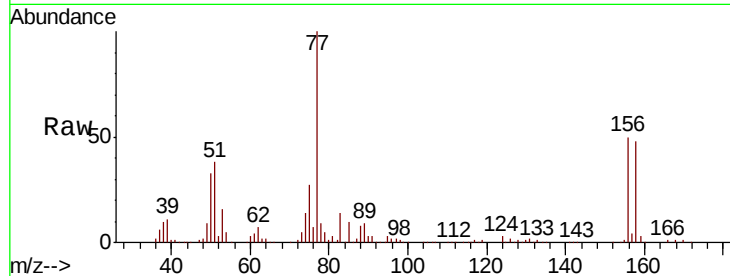
Tot Ion:156 Resp: 224771

Ion Ratio Lower Upper

156 100

77 244.2 119.0 357.0

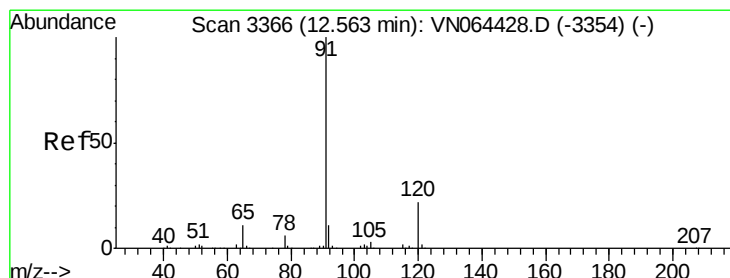
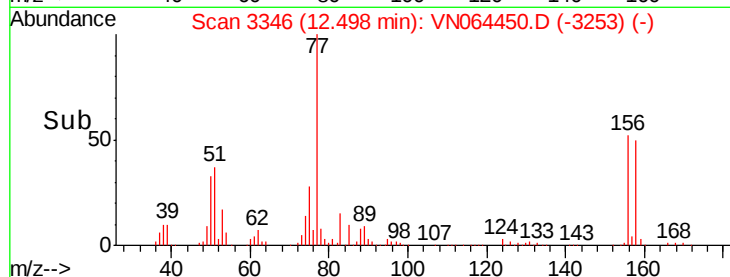
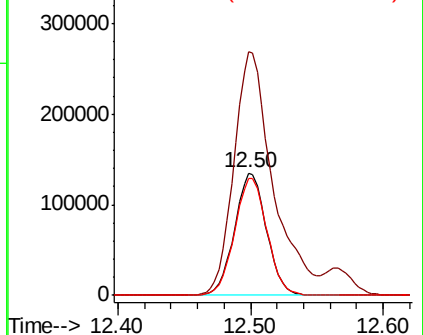
158 97.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.452 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064450.D

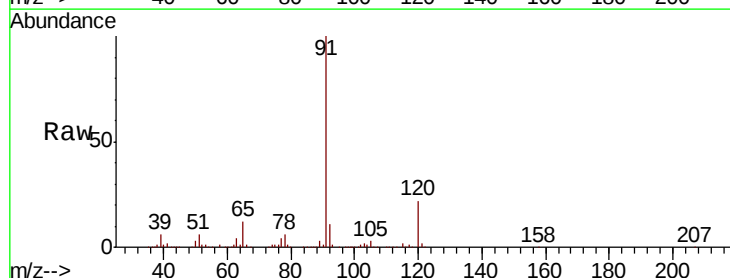
Acq: 4 Nov 2020 20:51

Tgt Ion: 91 Resp: 1085538

Ion Ratio Lower Upper

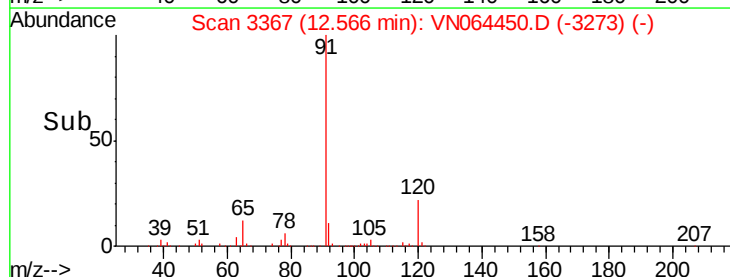
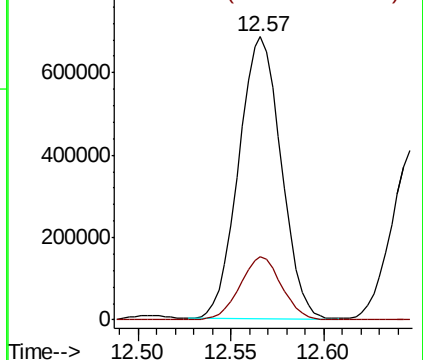
91 100

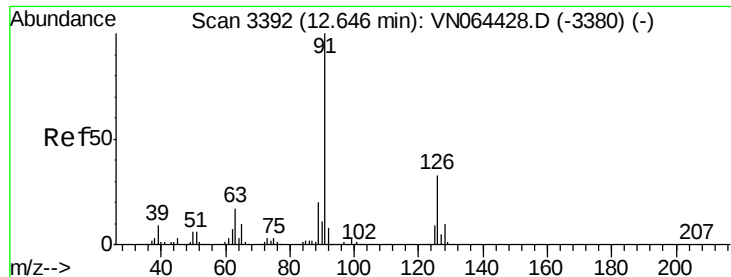
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.551 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

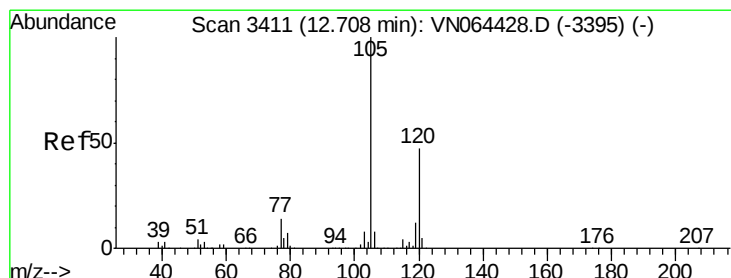
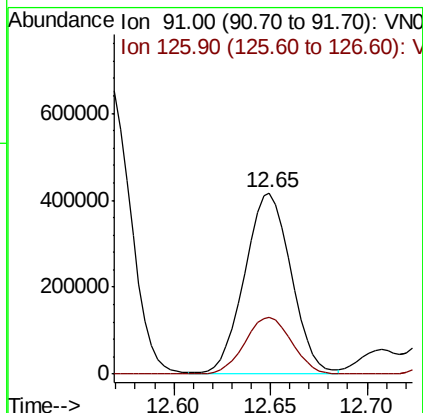
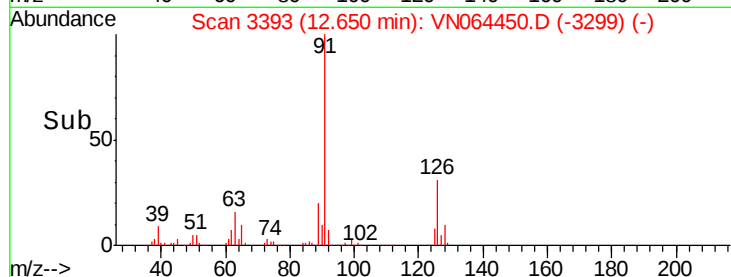
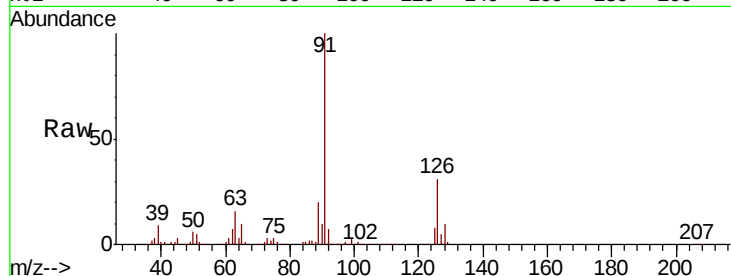
VSTDCCC050EC

Tot Ion: 91 Resp: 689844

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 51.091 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064450.D

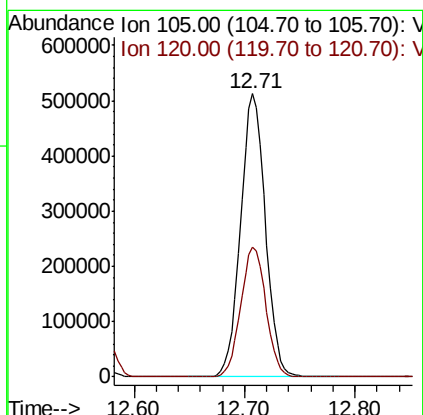
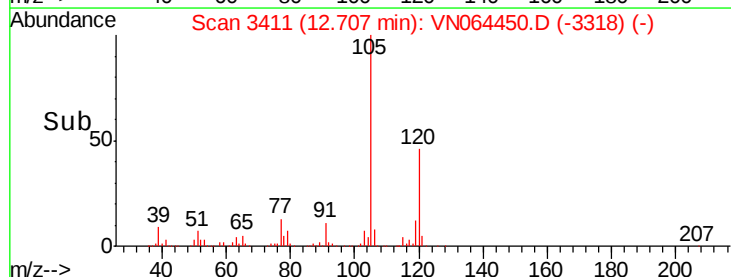
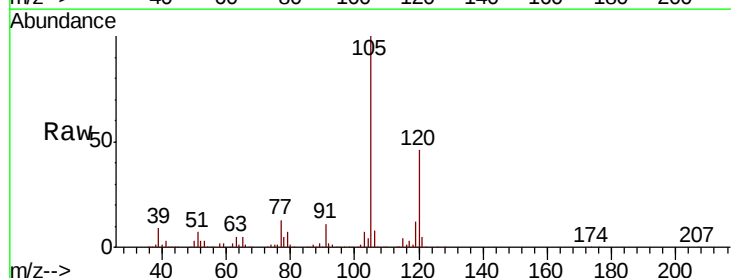
Acq: 4 Nov 2020 20:51

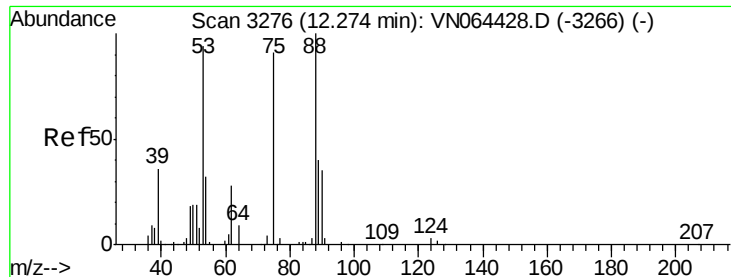
Tgt Ion: 105 Resp: 795460

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.815 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

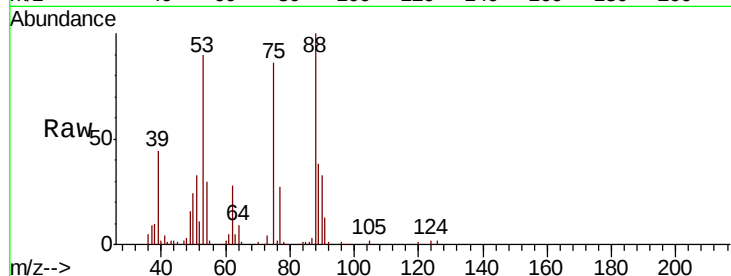
Tot Ion: 75 Resp: 104701

Ion Ratio Lower Upper

75 100

53 105.4 84.0 126.0

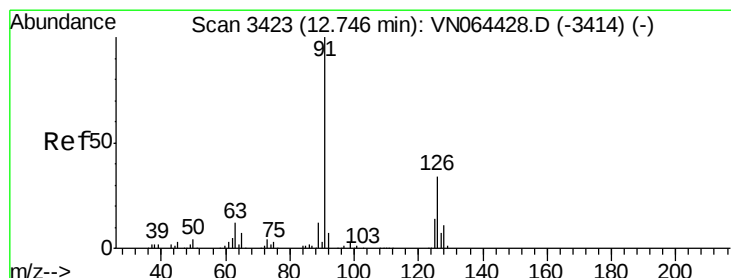
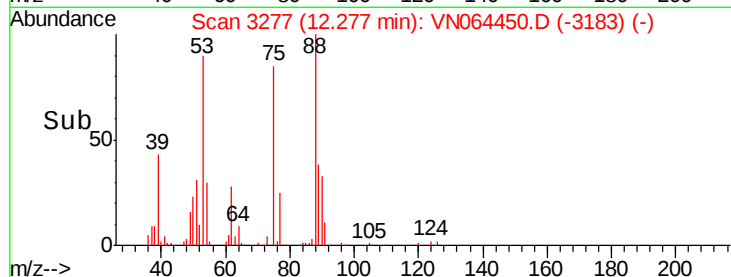
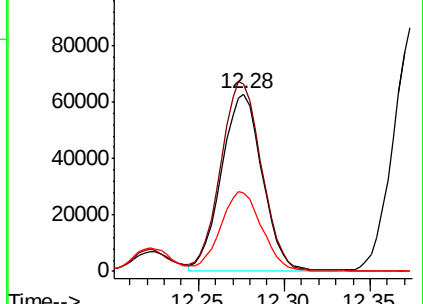
89 44.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064428.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064428.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 50.269 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064450.D

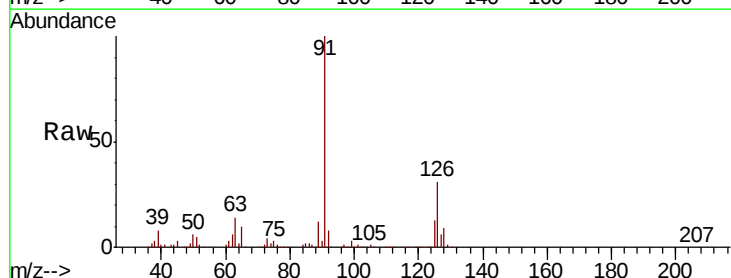
Acq: 4 Nov 2020 20:51

Tgt Ion: 91 Resp: 718420

Ion Ratio Lower Upper

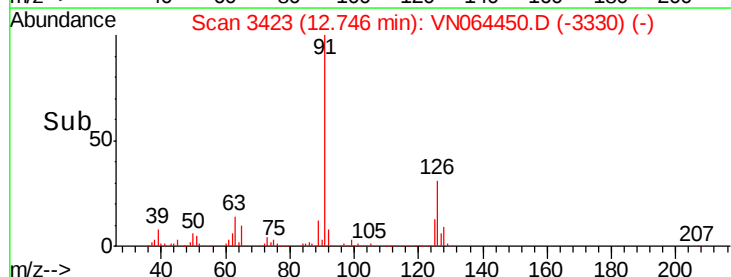
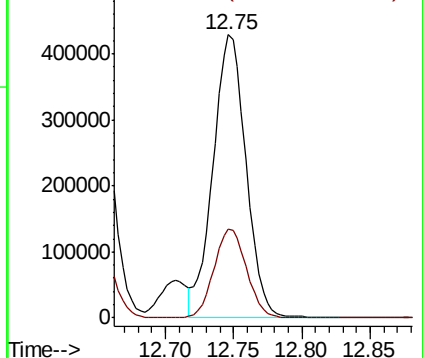
91 100

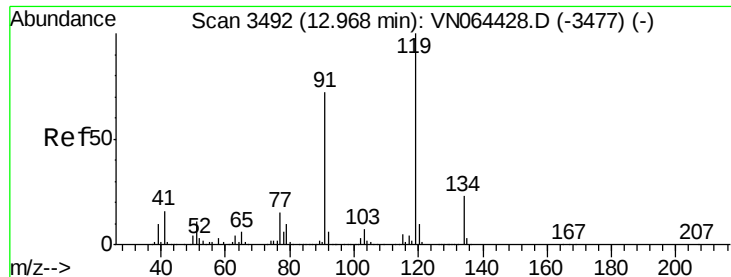
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3414) (-)

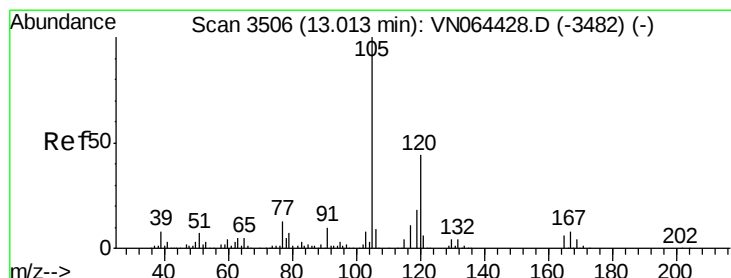
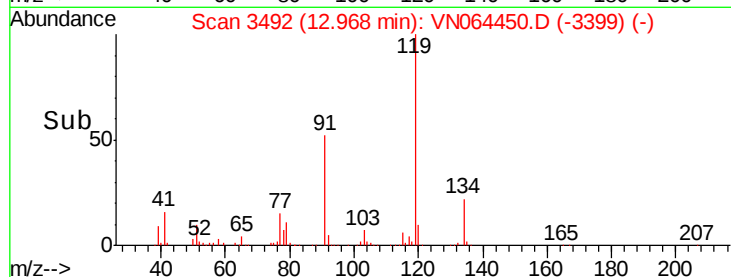
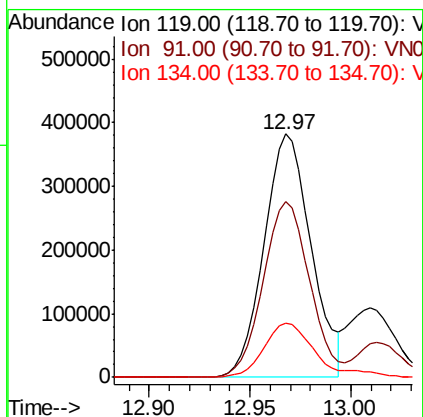
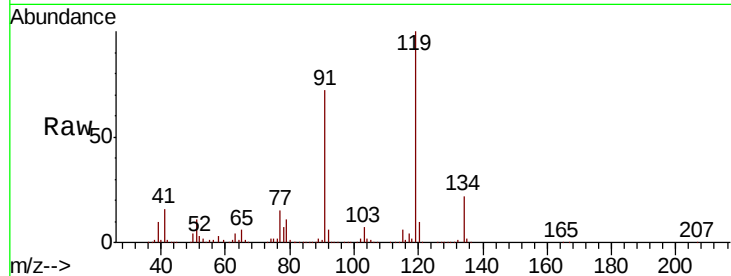




#83
tert-Butylbenzene
Concen: 51.073 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

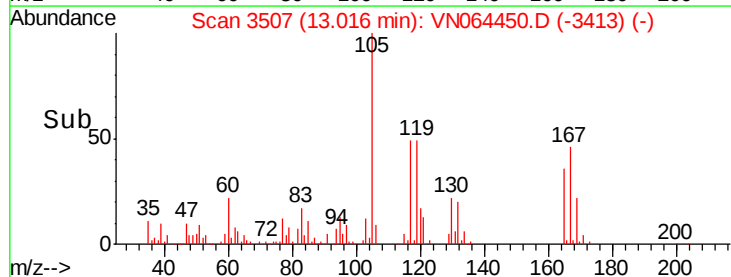
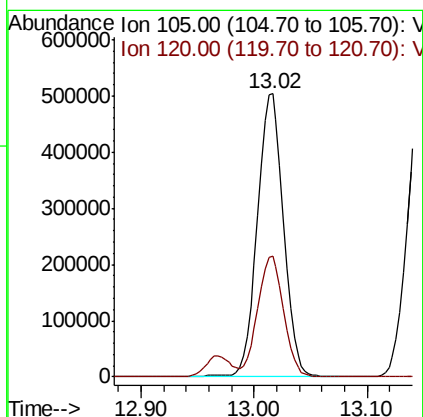
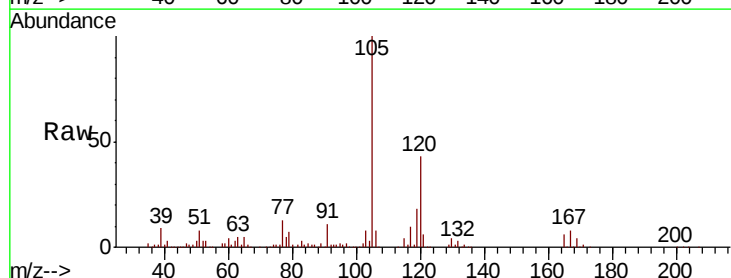
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

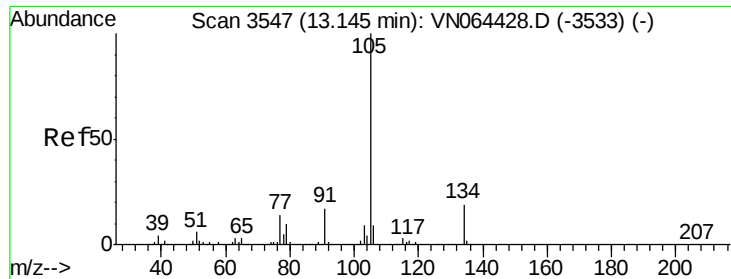
Tot Ion:119 Resp: 621042
Ion Ratio Lower Upper
119 100
91 71.4 36.1 108.3
134 24.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.825 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion:105 Resp: 811147
Ion Ratio Lower Upper
105 100
120 42.1 21.9 65.7





#85

sec-Butylbenzene

Concen: 51.173 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

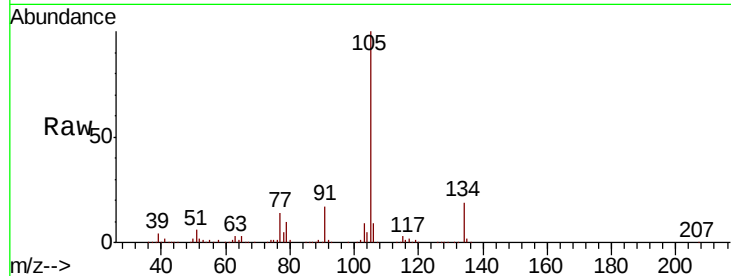
VSTDCCC050EC

Tot Ion:105 Resp: 788069

Ion Ratio Lower Upper

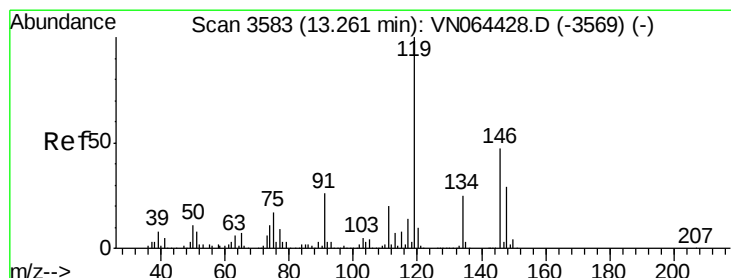
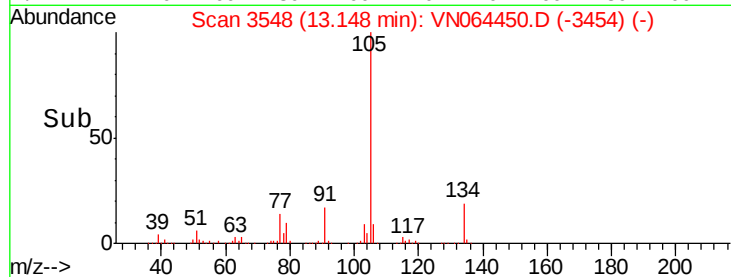
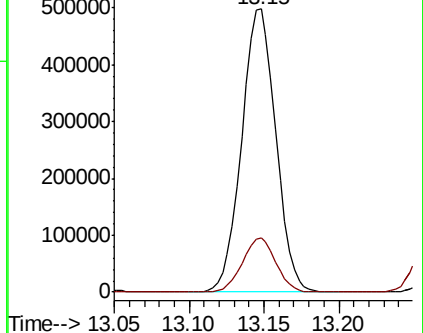
105 100

134 18.9 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.235 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

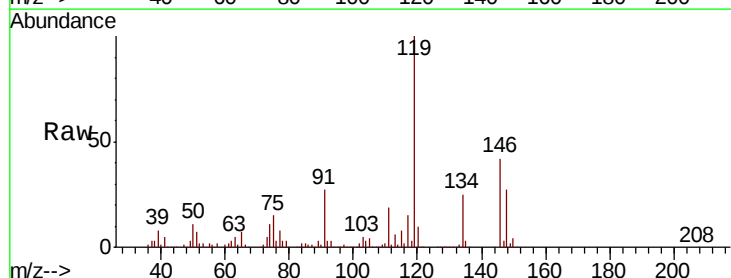
Tgt Ion:119 Resp: 709721

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

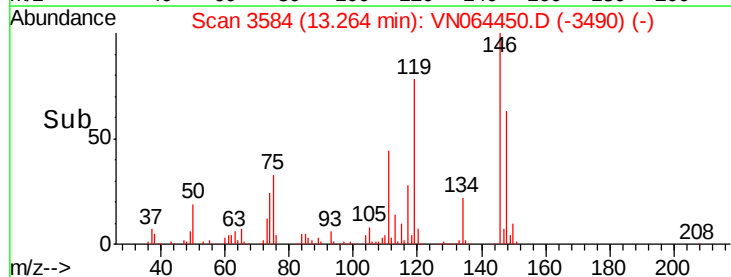
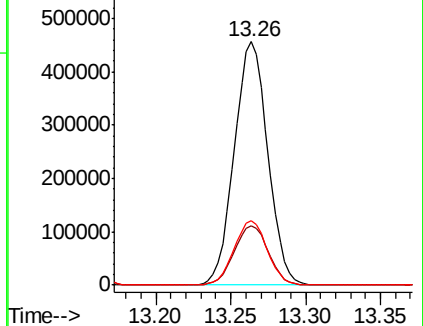
91 26.4 12.8 38.3

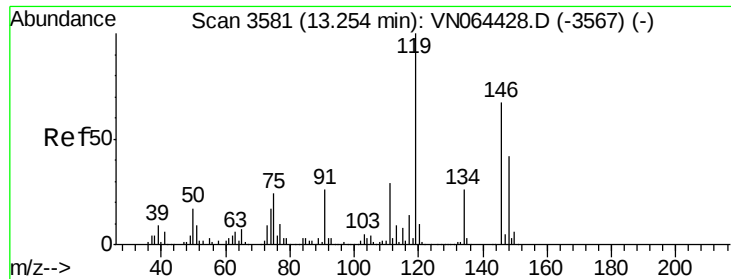


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

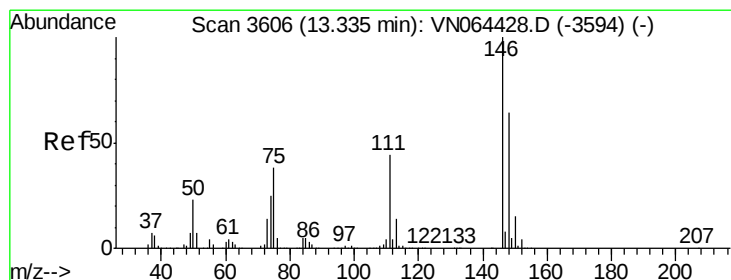
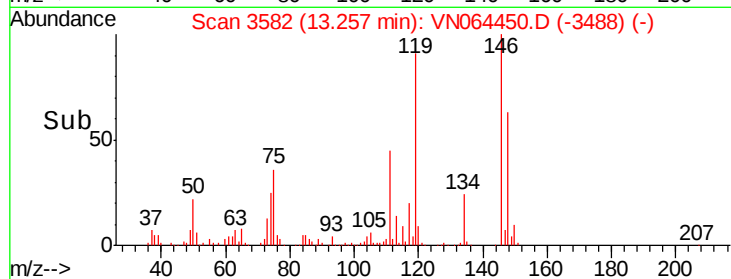
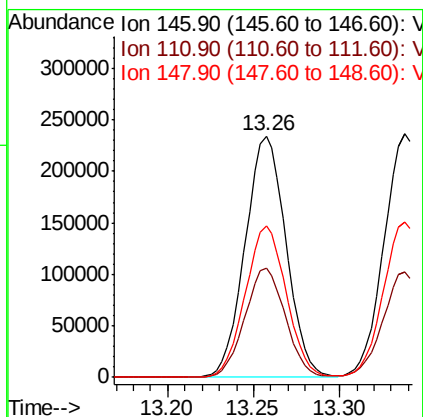
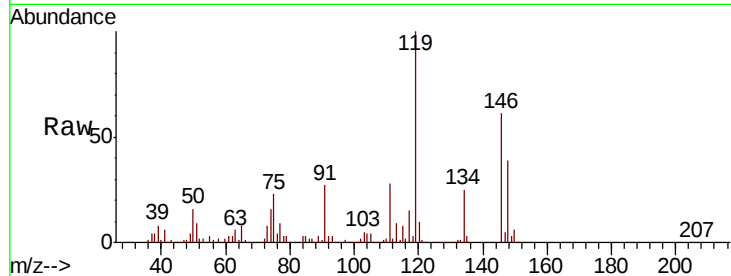




#87
 1,3-Dichlorobenzene
 Concen: 48.511 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

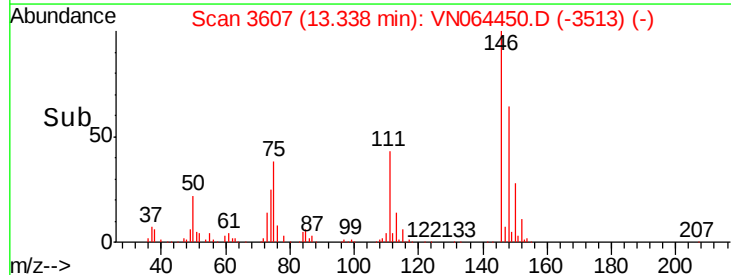
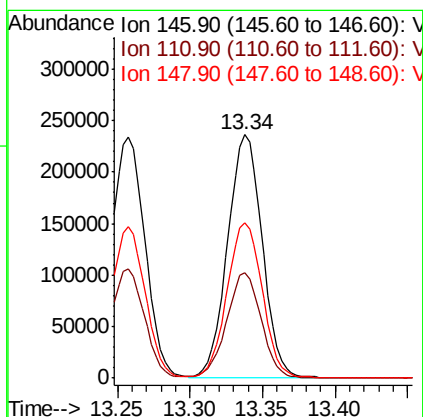
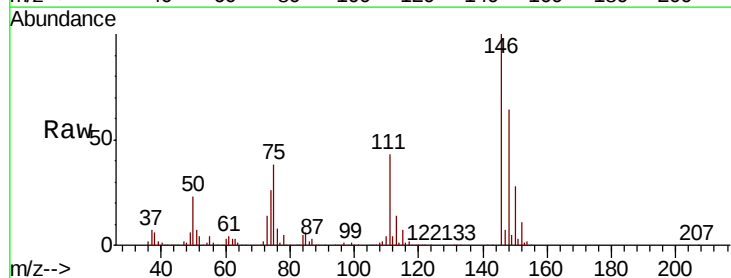
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

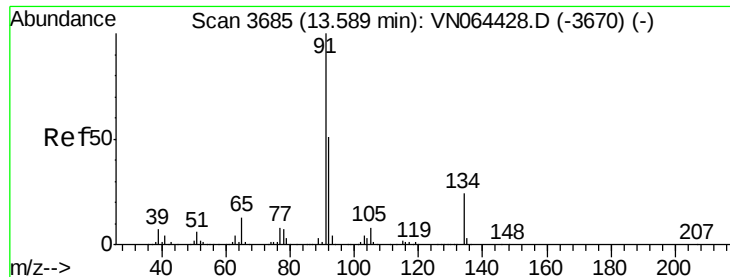
Tot Ion:146 Resp: 386384
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.1 66.1
 148 63.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.490 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion:146 Resp: 390894
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.8 65.3
 148 65.0 32.4 97.2

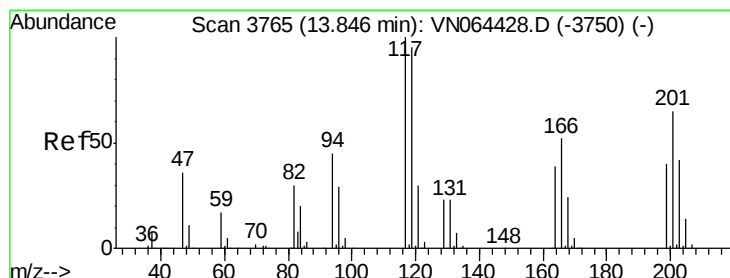
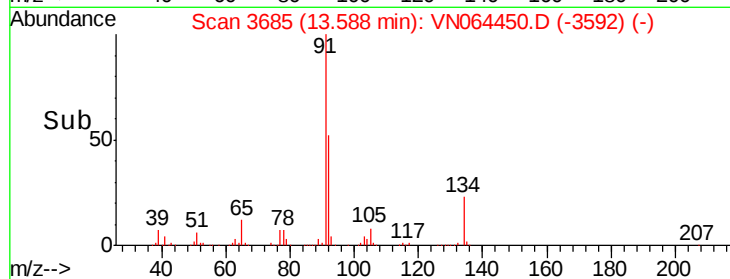
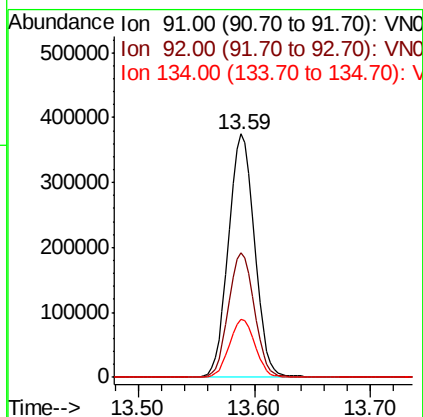
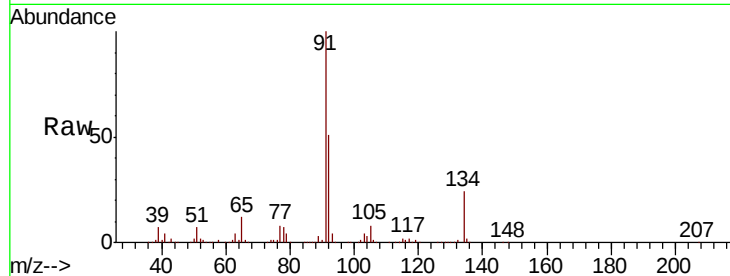




#89
n-Butylbenzene
Concen: 48.809 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

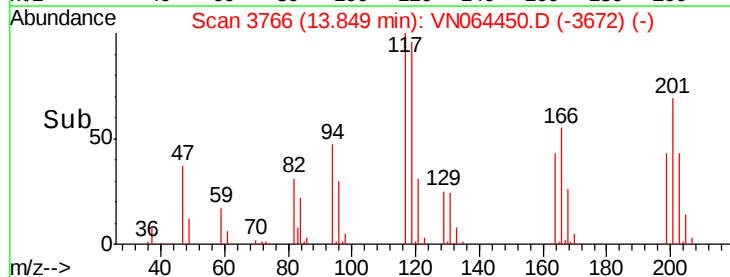
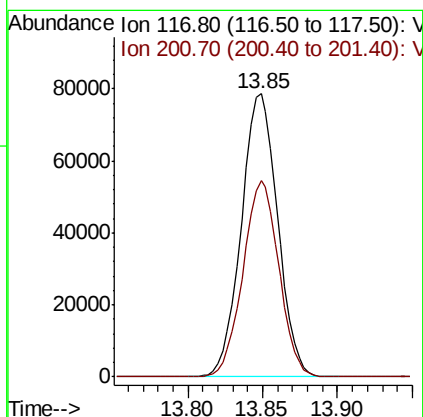
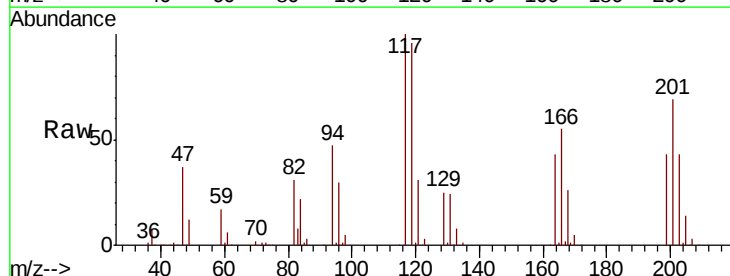
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

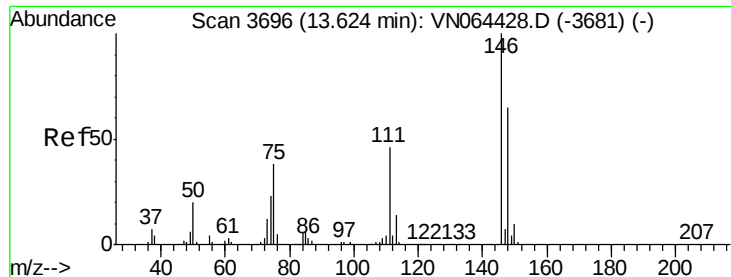
Tot Ion: 91 Resp: 581313
Ion Ratio Lower Upper
91 100
92 50.7 25.3 75.9
134 23.4 11.8 35.4



#90
Hexachloroethane
Concen: 49.814 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064450.D
Acq: 4 Nov 2020 20:51

Tgt Ion: 117 Resp: 133111
Ion Ratio Lower Upper
117 100
201 68.3 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 50.930 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

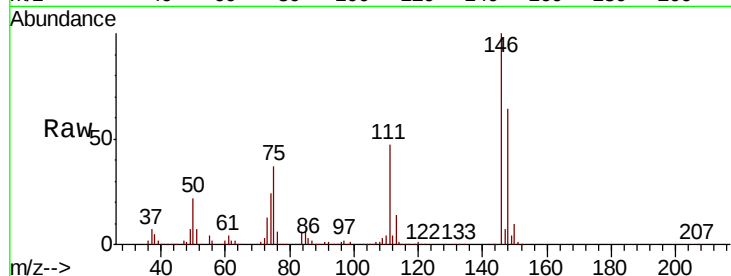
Tot Ion:146 Resp: 390198

Ion Ratio Lower Upper

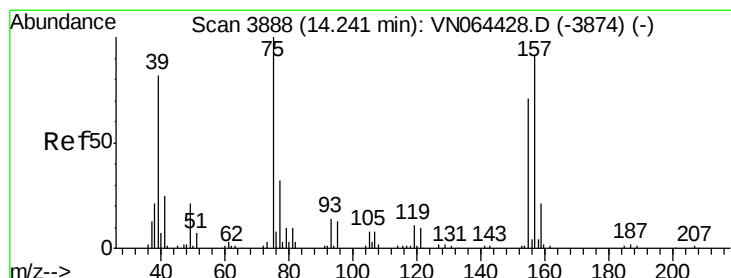
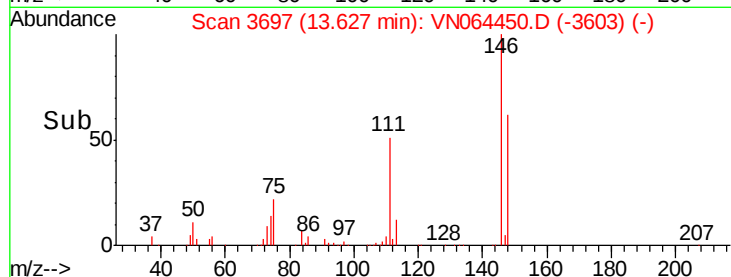
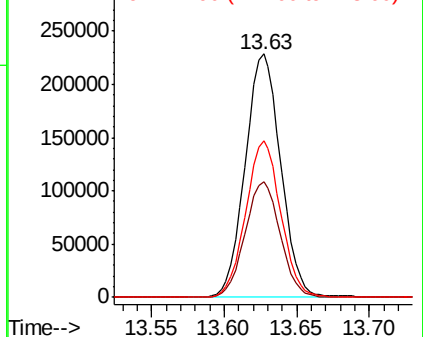
146 100

111 47.1 22.9 68.7

148 63.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.194 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

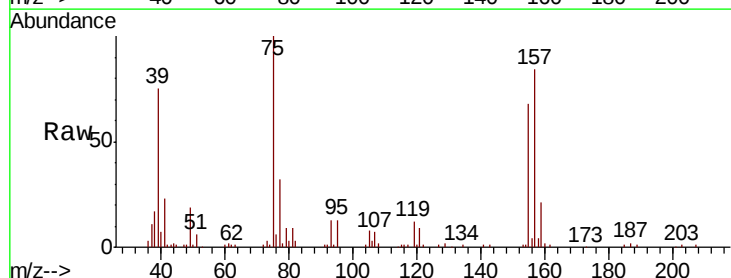
Tgt Ion: 75 Resp: 67163

Ion Ratio Lower Upper

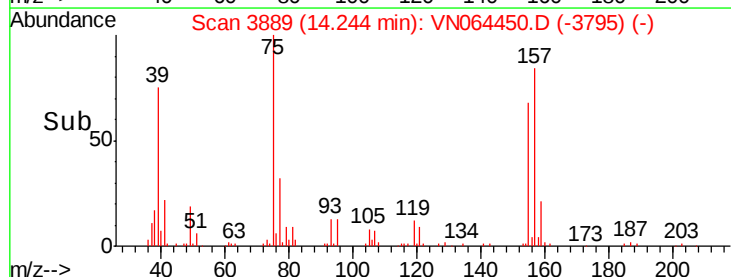
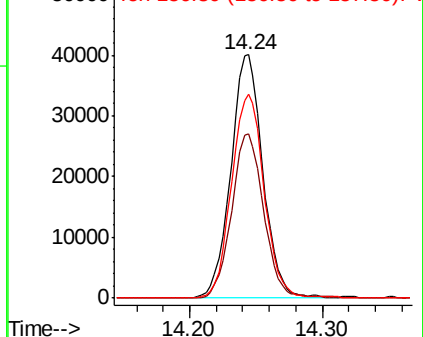
75 100

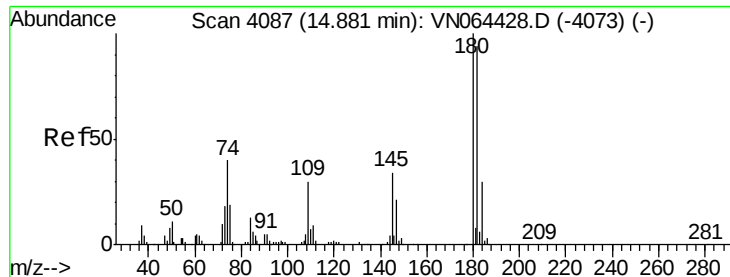
155 67.5 34.6 103.9

157 85.0 43.0 128.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

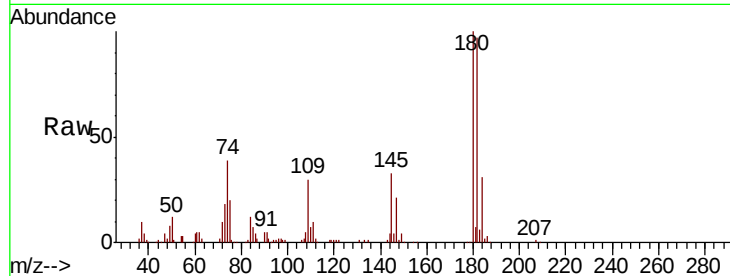




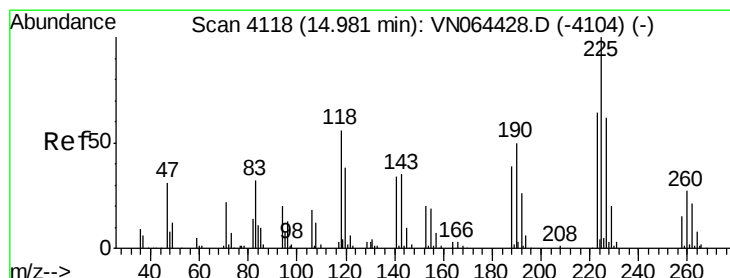
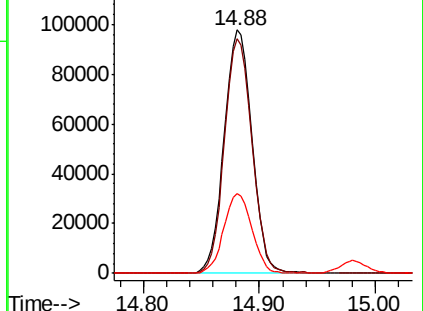
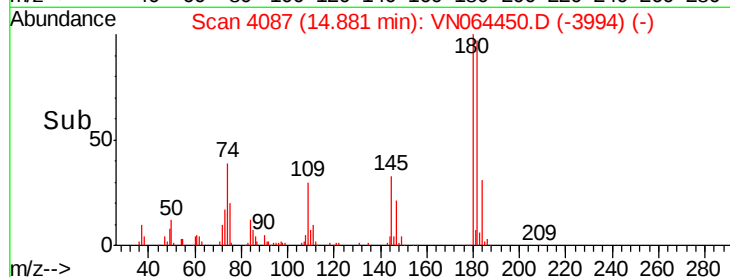
#93
 1,2,4-Trichlorobenzene
 Concen: 42.889 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 161887
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 33.2 16.7 50.1

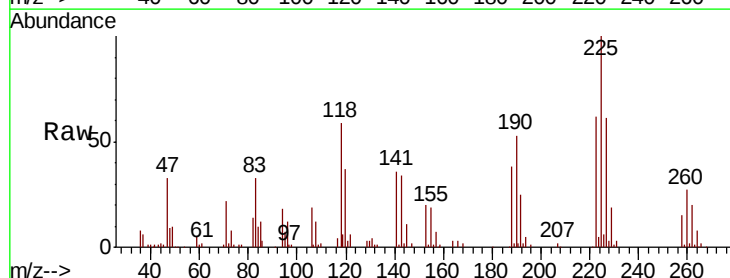


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

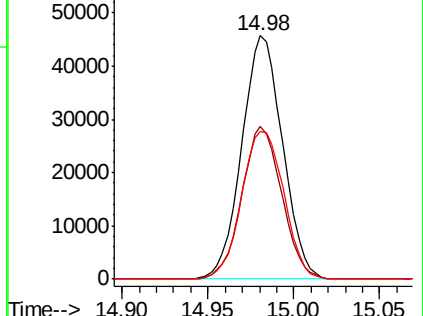
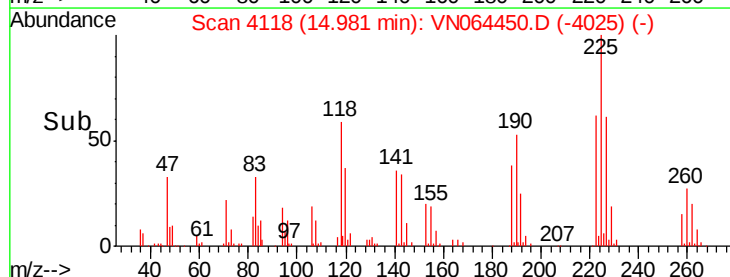


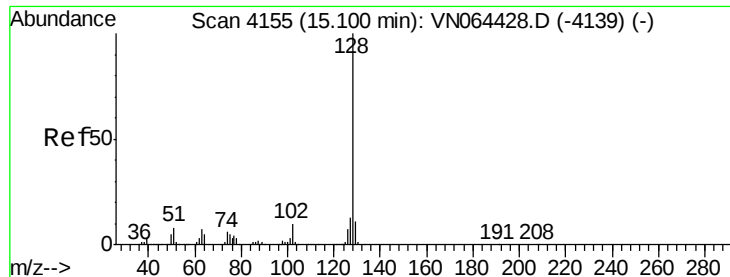
#94
 Hexachlorobutadiene
 Concen: 48.336 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064450.D
 Acq: 4 Nov 2020 20:51

Tgt Ion:225 Resp: 75399
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.8 95.4
 227 62.7 31.8 95.4



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





#95

Naphthalene

Concen: 42.814 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

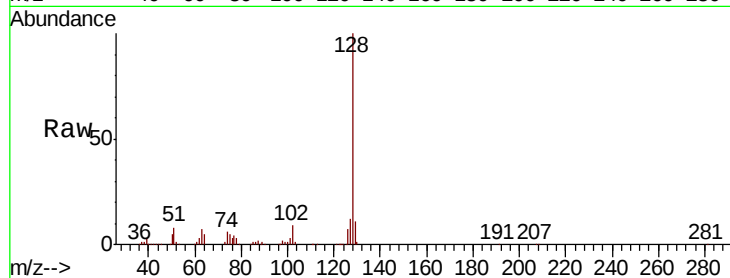
Tot Ion:128 Resp: 550256

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

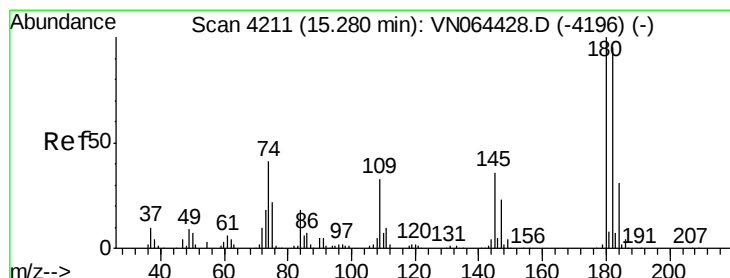
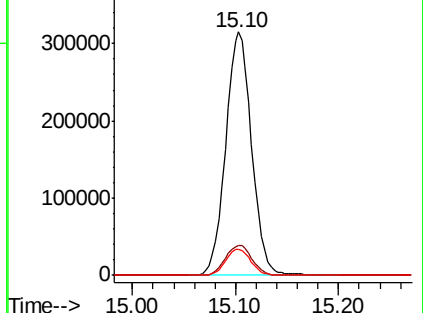
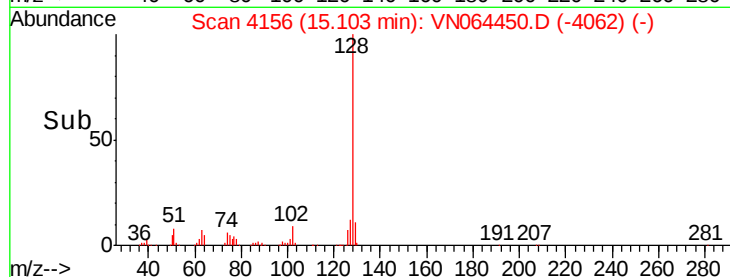
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.531 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064450.D

Acq: 4 Nov 2020 20:51

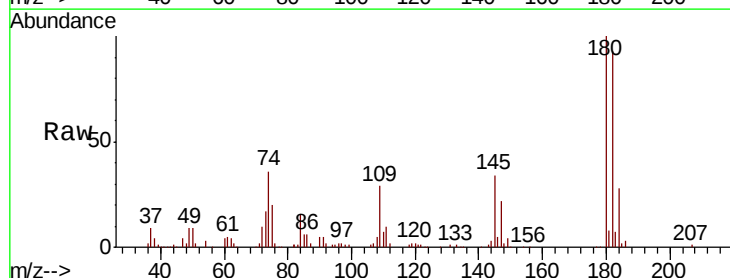
Tgt Ion:180 Resp: 162960

Ion Ratio Lower Upper

180 100

182 94.8 47.7 143.1

145 35.5 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

