

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064933.D
 Acq On : 4 Dec 2020 20:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 01:39:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	219998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	355370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	317315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	154198	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	128876	50.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.78%	
35) Dibromofluoromethane		7.55	113	114518	53.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.70%	
50) Toluene-d8		10.06	98	442507	50.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.86%	
62) 4-Bromofluorobenzene		12.38	95	158687	51.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	78307	41.070	ug/l	99
3) Chloromethane	2.04	50	103565	41.799	ug/l	98
4) Vinyl Chloride	2.16	62	110072	42.611	ug/l	96
5) Bromomethane	2.52	94	73416	43.318	ug/l	94
6) Chloroethane	2.67	64	69273	43.357	ug/l	99
7) Trichlorofluoromethane	2.99	101	162418	45.485	ug/l	99
8) Diethyl Ether	3.37	74	64405	45.694	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	100797	47.056	ug/l	99
10) Methyl Iodide	3.91	142	118178	42.534	ug/l	96
11) Tert butyl alcohol	4.75	59	98215	246.235	ug/l	100
12) 1,1-Dichloroethene	3.69	96	101148	47.413	ug/l	99
13) Acrolein	3.57	56	60542	248.495	ug/l	99
14) Allyl chloride	4.27	41	167885	47.714	ug/l	97
15) Acrylonitrile	4.93	53	275422	249.956	ug/l	99
16) Acetone	3.78	43	212546	252.802	ug/l	96
17) Carbon Disulfide	4.01	76	246036	44.668	ug/l	99
18) Methyl Acetate	4.28	43	127000	50.241	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	355976	52.028	ug/l	100
20) Methylene Chloride	4.50	84	126325	47.949	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	110663	46.712	ug/l	95
22) Diisopropyl ether	5.90	45	364077	51.696	ug/l	98
23) Vinyl Acetate	5.85	43	1459591	259.166	ug/l	100
24) 1,1-Dichloroethane	5.80	63	210297	49.964	ug/l	100
25) 2-Butanone	6.79	43	345968	253.844	ug/l	96
26) 2,2-Dichloropropane	6.78	77	163316	44.738	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	133955	50.250	ug/l	97
28) Bromochloromethane	7.15	49	100225	52.052	ug/l	98
29) Tetrahydrofuran	7.17	42	227934	242.274	ug/l	99
30) Chloroform	7.33	83	213080	49.092	ug/l	98
31) Cyclohexane	7.61	56	163707	45.924	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	180657	48.461	ug/l	99
36) 1,1-Dichloropropene	7.75	75	154881	47.020	ug/l	99
37) Ethyl Acetate	6.88	43	146071	46.037	ug/l	98
38) Carbon Tetrachloride	7.73	117	161386	47.088	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	164408	46.365	ug/l	97
40) Benzene	8.00	78	483165	47.868	ug/l	99
41) Methacrylonitrile	7.12	41	73034	49.885	ug/l	90
42) 1,2-Dichloroethane	8.08	62	158267	46.480	ug/l	100
43) Isopropyl Acetate	8.13	43	245455	48.075	ug/l	98
44) Trichloroethene	8.80	130	133880	44.954	ug/l	96
45) 1,2-Dichloropropane	9.08	63	129216	49.433	ug/l	99
46) Dibromomethane	9.17	93	84200	48.216	ug/l	99
47) Bromodichloromethane	9.37	83	170030	48.390	ug/l	99
48) Methyl methacrylate	9.16	41	121256	49.702	ug/l	97
49) 1,4-Dioxane	9.17	88	44210	958.793	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	738663	240.987	ug/l	99
52) Toluene	10.12	92	301243	48.462	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	189207	48.346	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	206130	49.139	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	124988	48.897	ug/l	98
56) Ethyl methacrylate	10.40	69	183153	51.923	ug/l	98
57) 1,3-Dichloropropane	10.68	76	207511	49.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	473719	244.147	ug/l	100
59) 2-Hexanone	10.72	43	535763	242.872	ug/l	100
60) Dibromochloromethane	10.87	129	140591	49.480	ug/l	99
61) 1,2-Dibromoethane	10.98	107	125665	48.389	ug/l	99
64) Tetrachloroethene	10.60	164	127979	41.455	ug/l	97
65) Chlorobenzene	11.41	112	332464	48.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	127480	50.905	ug/l	99
67) Ethyl Benzene	11.48	91	576686	50.659	ug/l	99
68) m/p-Xylenes	11.60	106	441462	102.429	ug/l	99
69) o-Xylene	11.92	106	212347	51.920	ug/l	100
70) Styrene	11.94	104	365503	52.937	ug/l	99
71) Bromoform	12.10	173	98300	49.146	ug/l #	99
73) Isopropylbenzene	12.22	105	558238	52.047	ug/l	100
74) N-amyl acetate	12.04	43	217988	51.645	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	163952	52.153	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	222869	67.113	ug/l #	100
77) Bromobenzene	12.50	156	145938	50.470	ug/l	99
78) n-propylbenzene	12.56	91	622298	50.931	ug/l	98
79) 2-Chlorotoluene	12.65	91	378202	50.074	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	474542	53.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	58594	48.360	ug/l	97
82) 4-Chlorotoluene	12.75	91	392803	49.617	ug/l	100
83) tert-Butylbenzene	12.97	119	400098	53.543	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	481739	53.445	ug/l	100
85) sec-Butylbenzene	13.14	105	506652	51.066	ug/l	100
86) p-Isopropyltoluene	13.26	119	467197	51.722	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	255481	49.730	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	257954	47.479	ug/l	100
89) n-Butylbenzene	13.59	91	385109	48.548	ug/l	99
90) Hexachloroethane	13.85	117	81698	52.064	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	254218	50.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	34290	48.476	ug/l	98

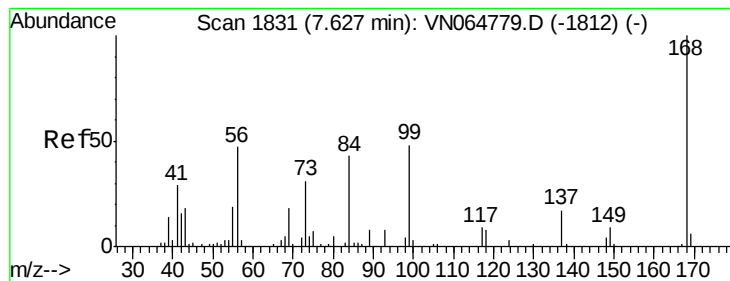
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	144744	46.385	ug/l	99
94) Hexachlorobutadiene	14.98	225	69639	49.561	ug/l	99
95) Naphthalene	15.10	128	453366	48.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	139567	47.146	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

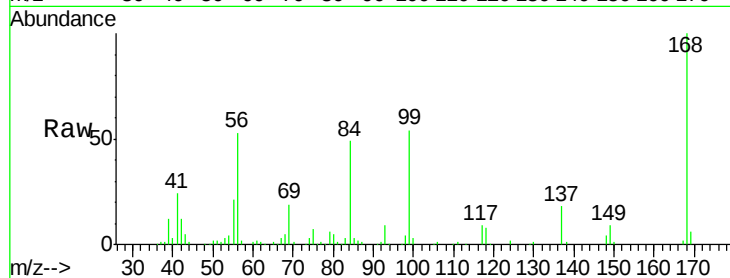
VSTDCCC050EC

Tot Ion:168 Resp: 219998

Ion Ratio Lower Upper

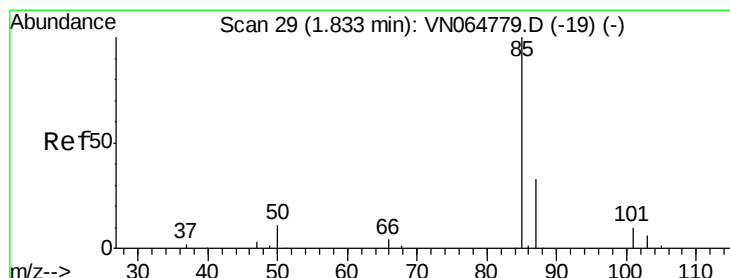
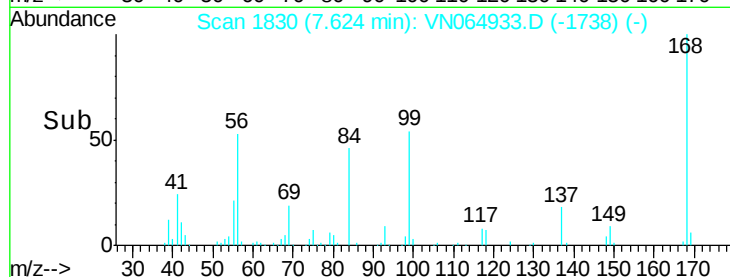
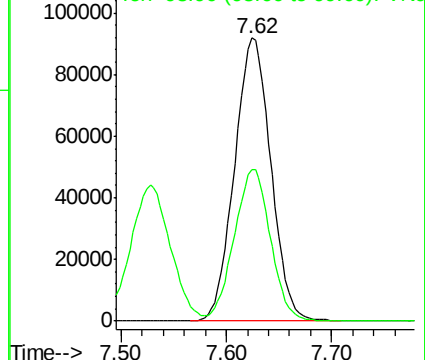
168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 41.070 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064933.D

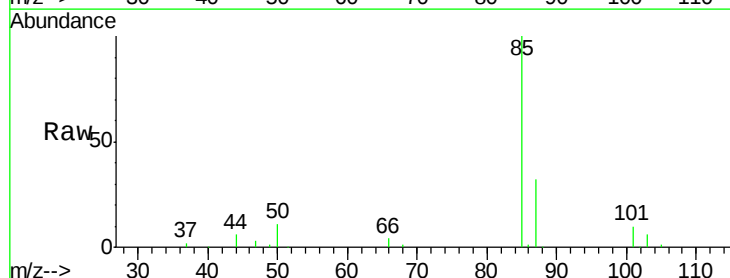
Acq: 4 Dec 2020 20:55

Tgt Ion: 85 Resp: 78307

Ion Ratio Lower Upper

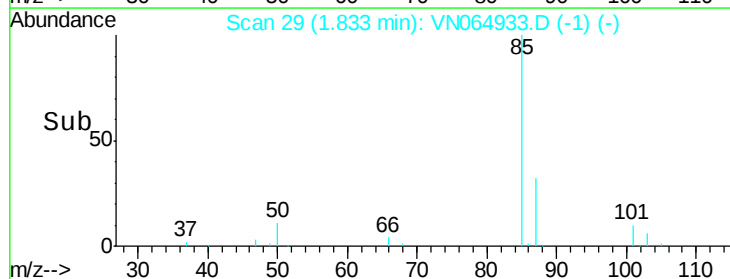
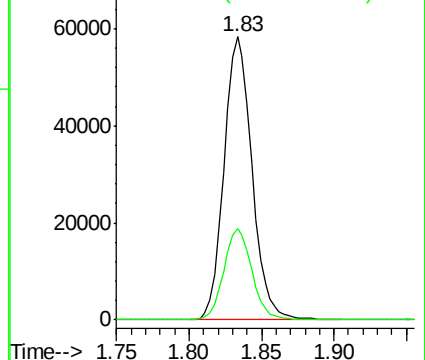
85 100

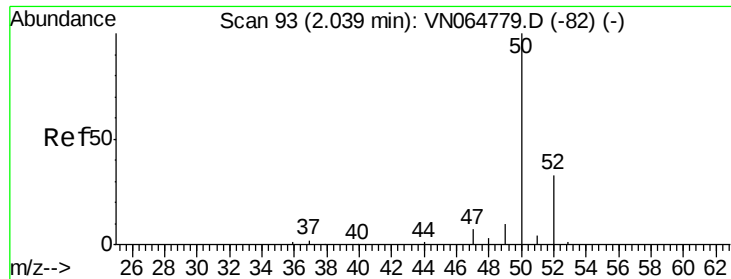
87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.799 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

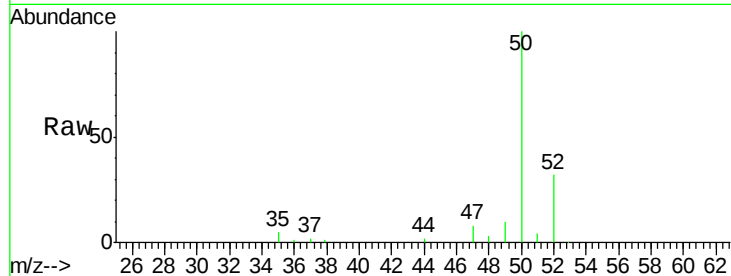
VSTDCCC050EC

Tot Ion: 50 Resp: 103565

Ion Ratio Lower Upper

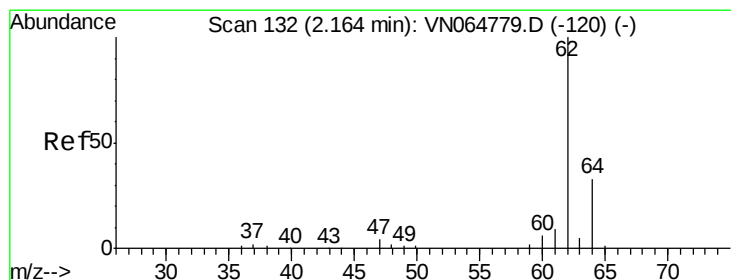
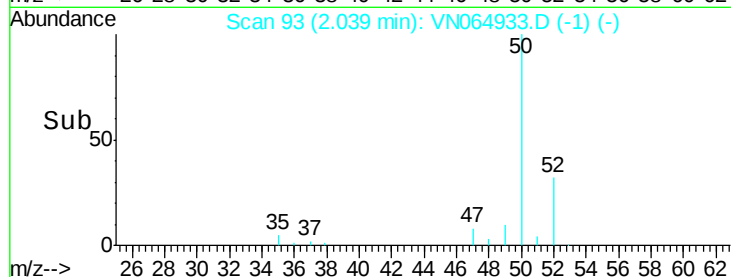
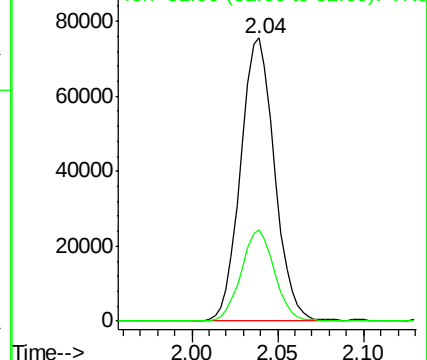
50 100

52 32.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 42.611 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064933.D

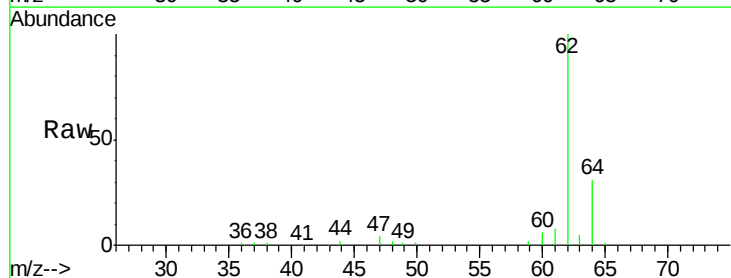
Acq: 4 Dec 2020 20:55

Tgt Ion: 62 Resp: 110072

Ion Ratio Lower Upper

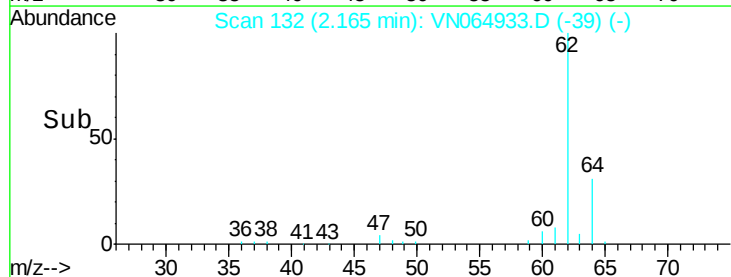
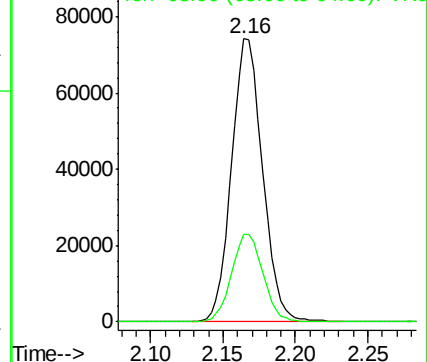
62 100

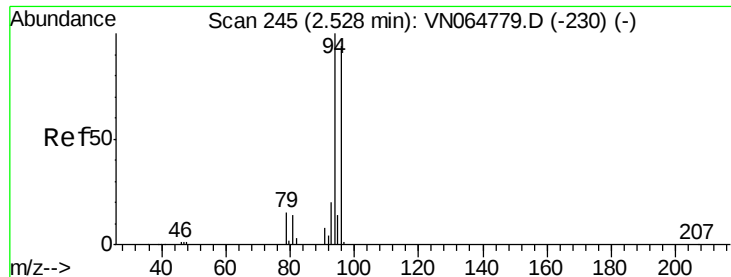
64 30.8 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 43.318 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

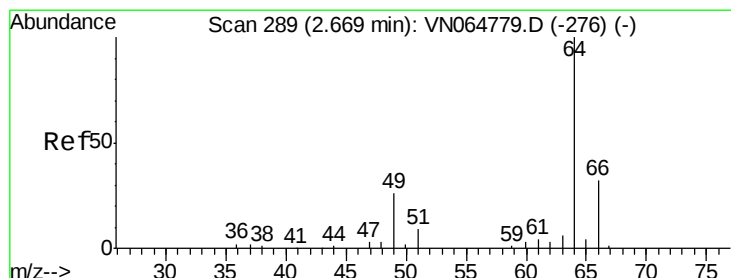
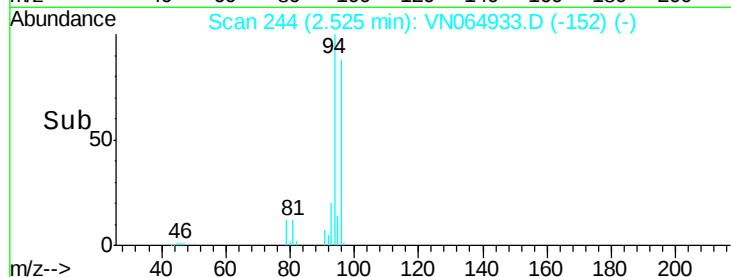
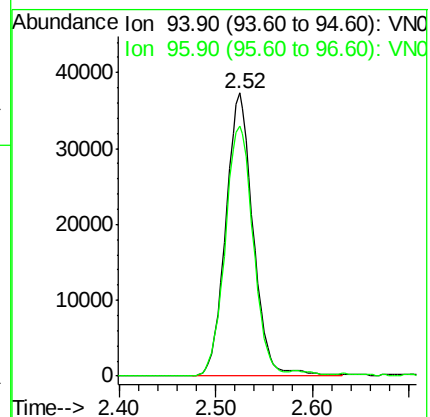
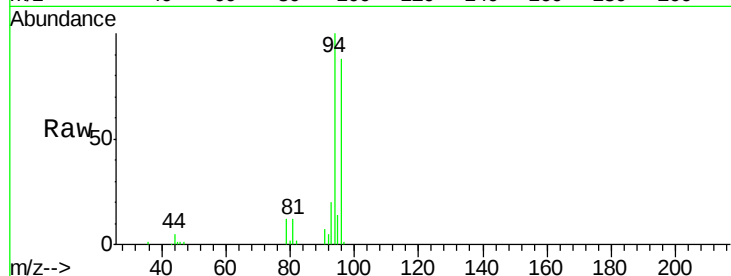
VSTDCCC050EC

Tot Ion: 94 Resp: 73416

Ion Ratio Lower Upper

94 100

96 88.3 75.4 113.0



#6

Chloroethane

Concen: 43.357 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064933.D

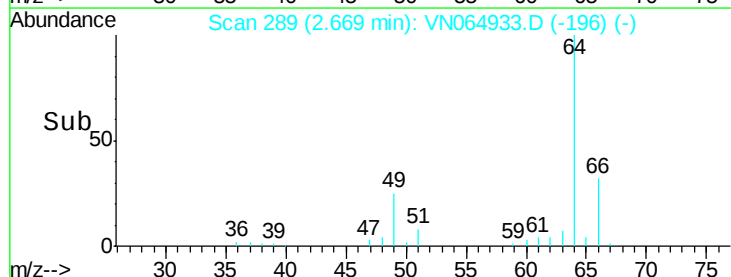
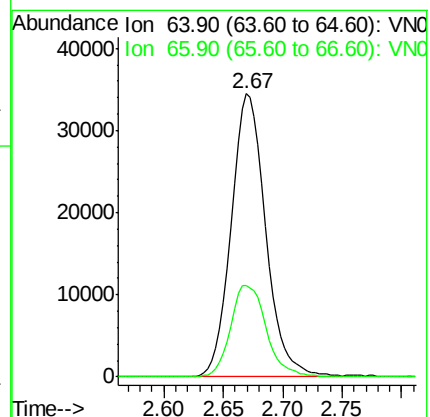
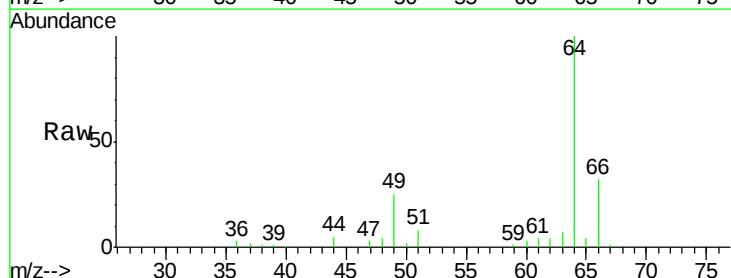
Acq: 4 Dec 2020 20:55

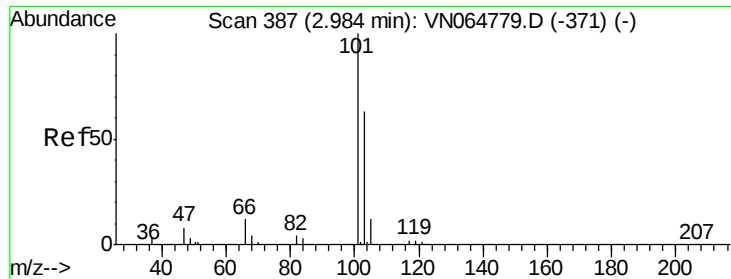
Tgt Ion: 64 Resp: 69273

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



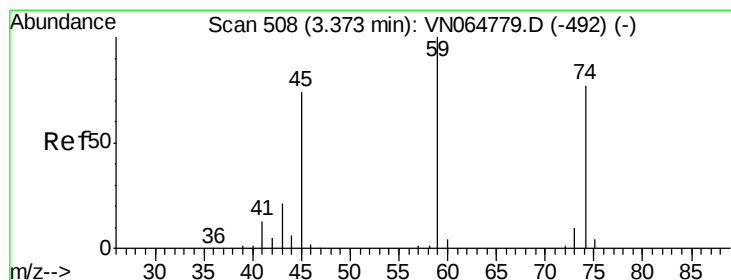
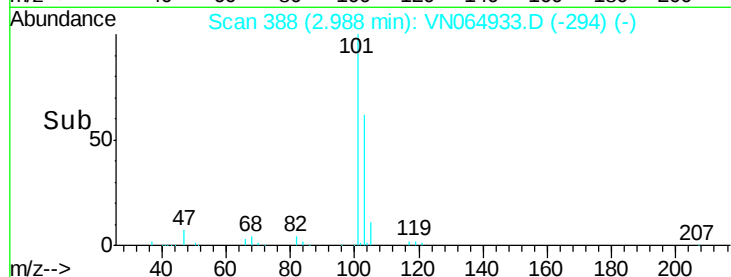
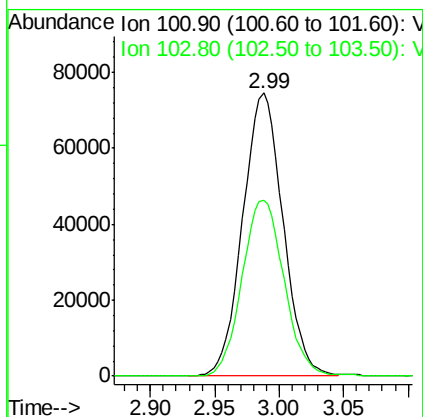
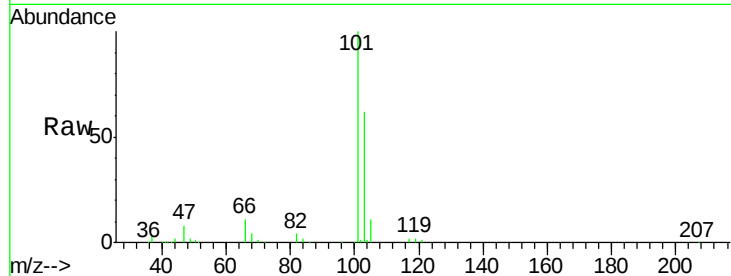


#7

Trichlorofluoromethane
Concen: 45.485 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Instrument :
MSVOA_N
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VSTDCCC050EC

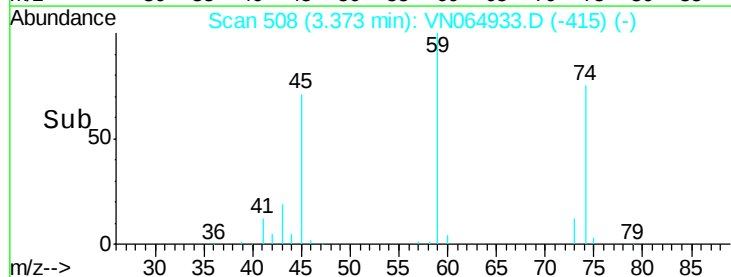
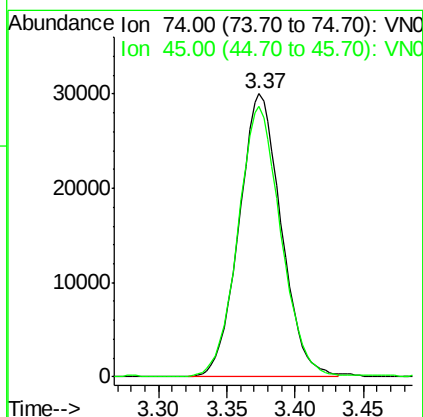
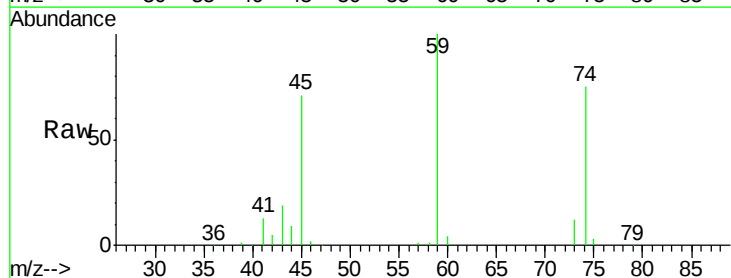
Tot Ion:101 Resp: 162418
Ion Ratio Lower Upper
101 100
103 62.2 50.5 75.7

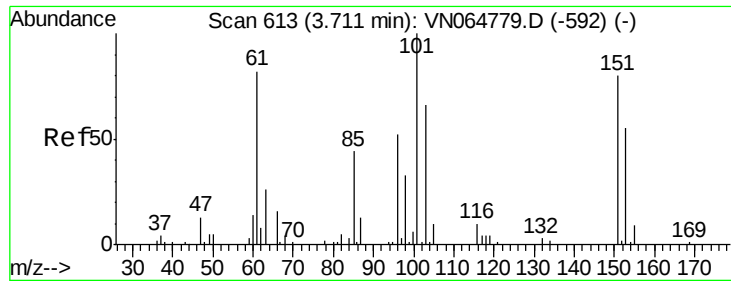


#8

Diethyl Ether
Concen: 45.694 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 74 Resp: 64405
Ion Ratio Lower Upper
74 100
45 97.3 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.056 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

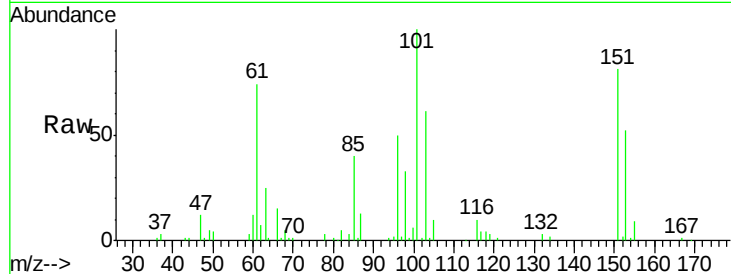
Tot Ion:101 Resp: 100797

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

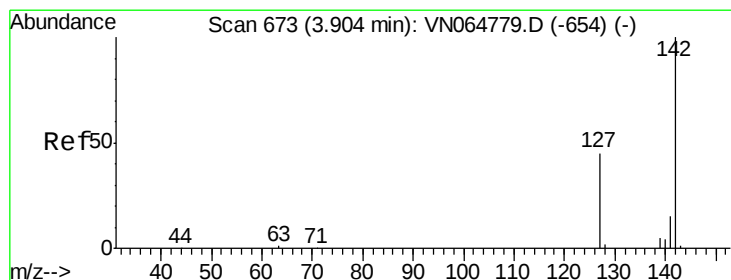
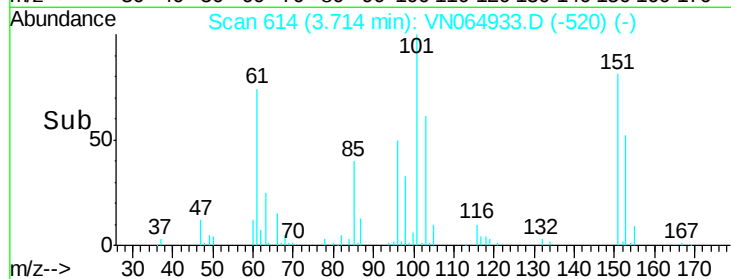
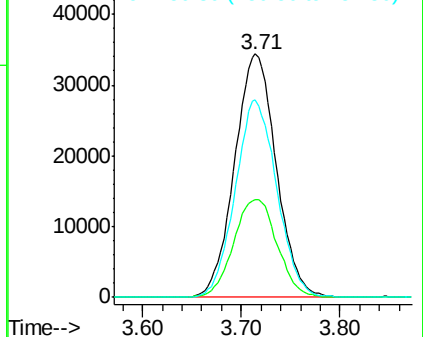
151 80.8 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.534 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

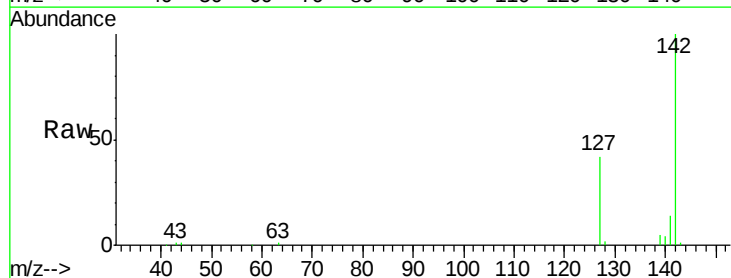
Tgt Ion:142 Resp: 118178

Ion Ratio Lower Upper

142 100

127 40.9 35.0 52.6

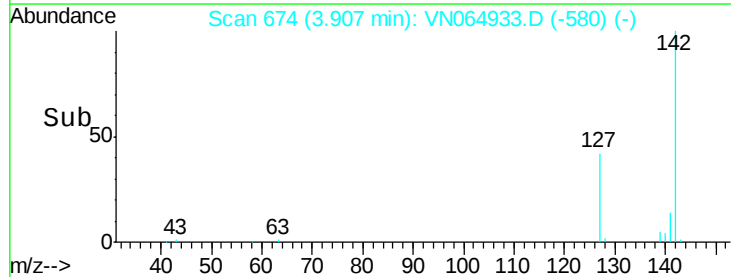
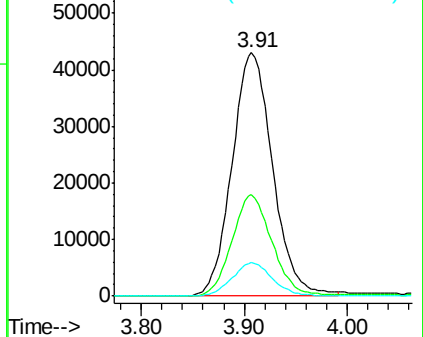
141 13.4 11.8 17.6

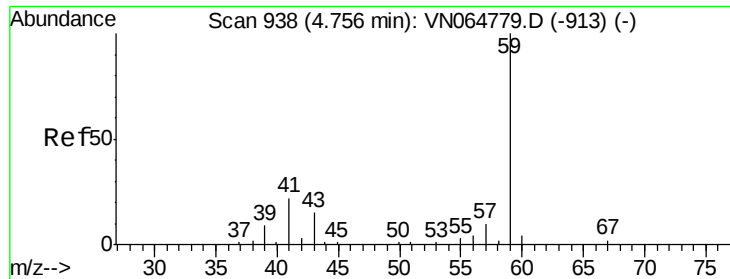


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



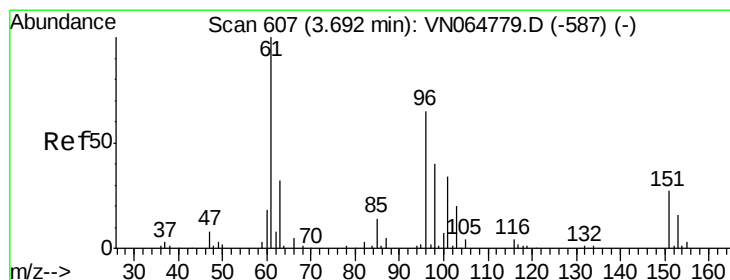
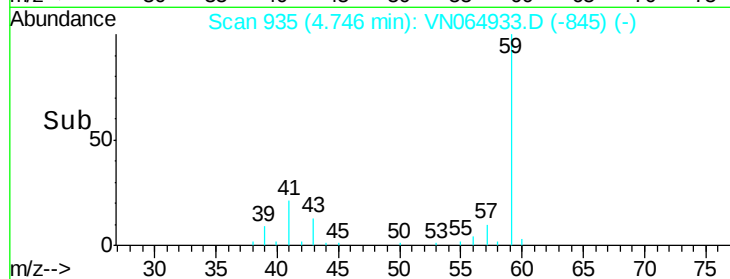
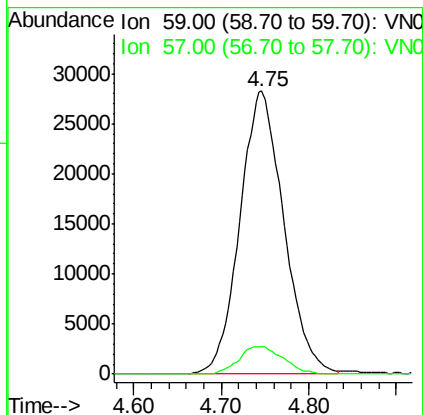
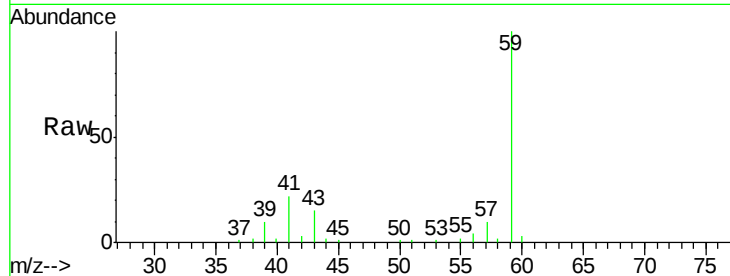


#11

Tert butyl alcohol
 Concen: 246.235 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

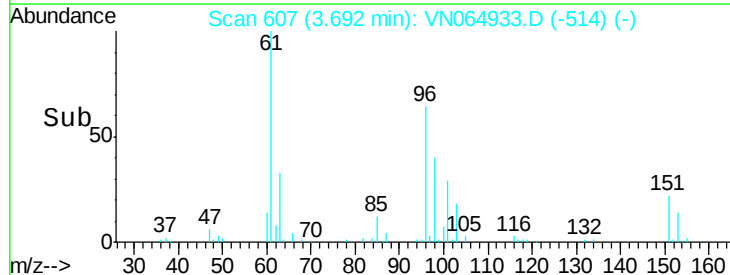
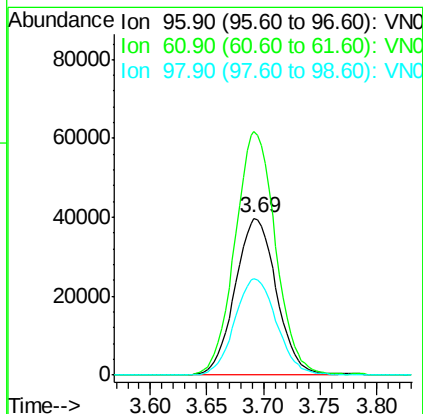
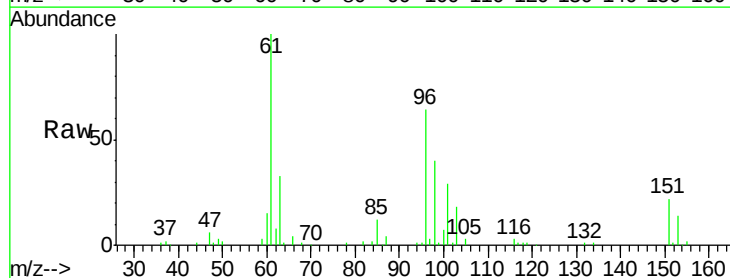
Tot Ion: 59 Resp: 98215
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

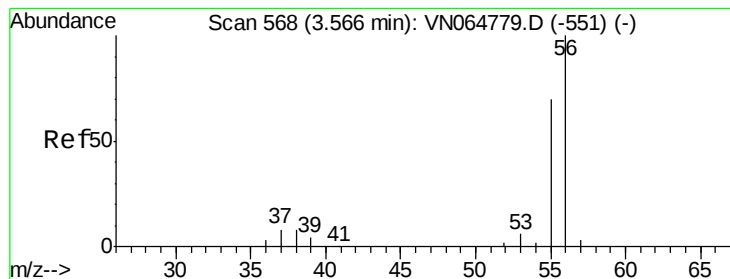


#12

1,1-Dichloroethene
 Concen: 47.413 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion: 96 Resp: 101148
 Ion Ratio Lower Upper
 96 100
 61 155.2 123.4 185.2
 98 61.7 49.8 74.8





#13

Acrolein

Concen: 248.495 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

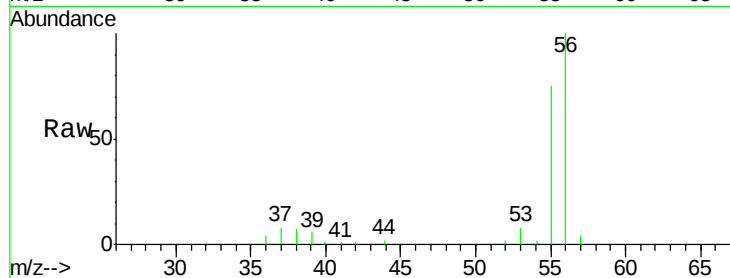
VSTDCCC050EC

Tot Ion: 56 Resp: 60542

Ion Ratio Lower Upper

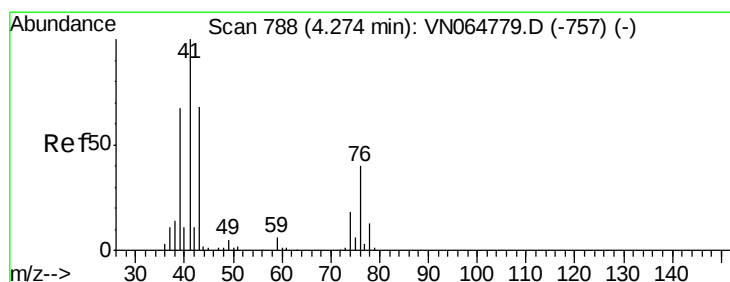
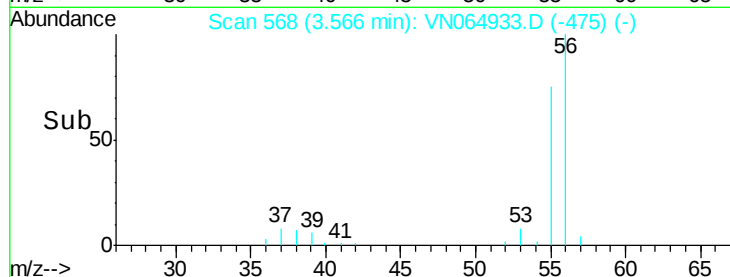
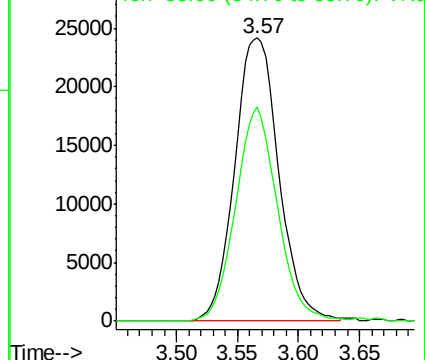
56 100

55 71.4 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.714 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

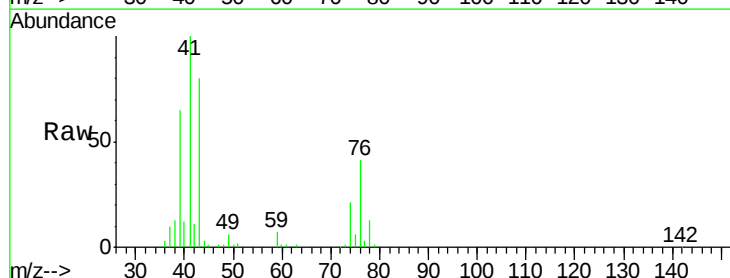
Tgt Ion: 41 Resp: 167885

Ion Ratio Lower Upper

41 100

39 61.0 50.9 76.3

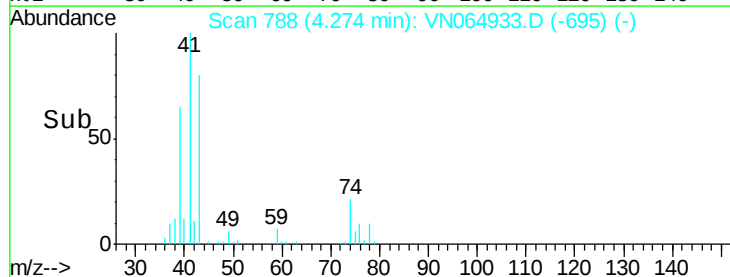
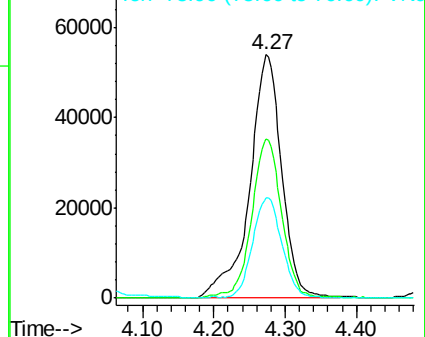
76 37.9 29.0 43.4



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: 249.956 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

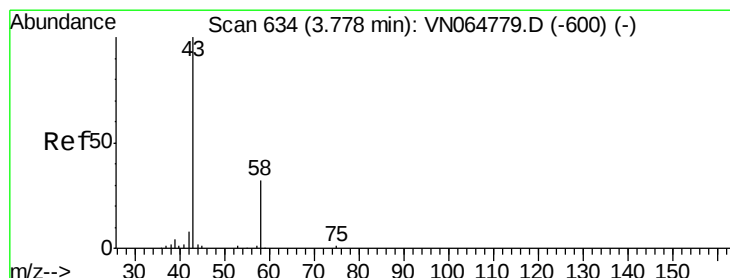
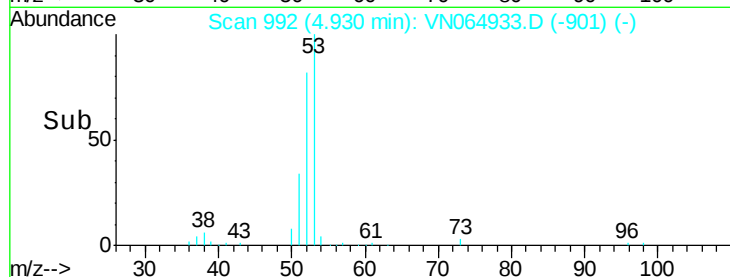
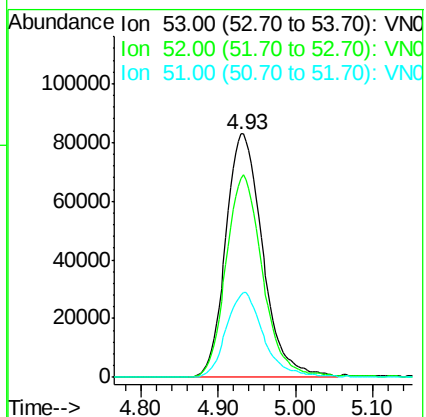
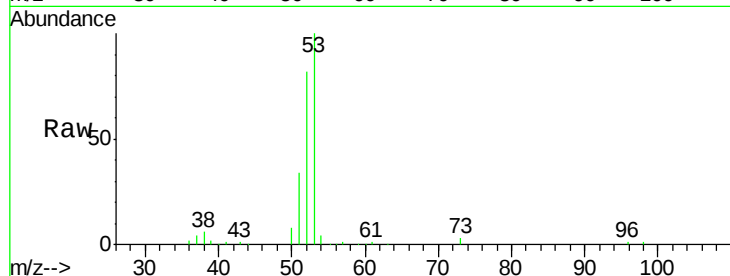
Tot Ion: 53 Resp: 275422

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

51 34.9 28.6 43.0



#16

Acetone

Concen: 252.802 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064933.D

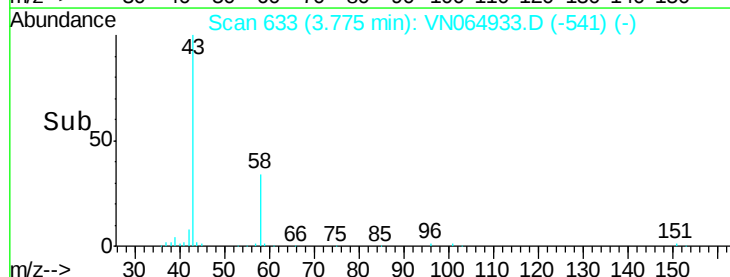
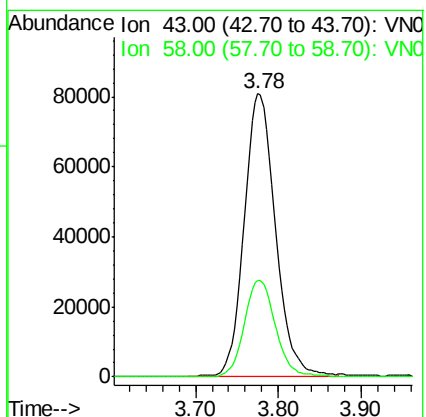
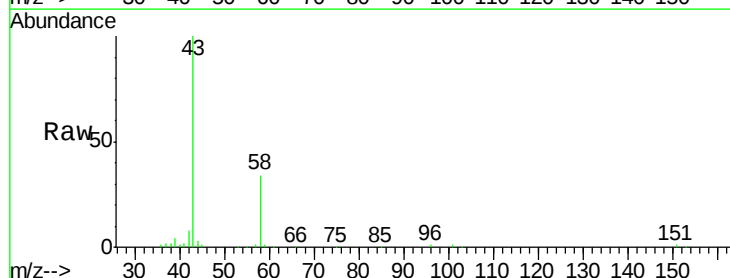
Acq: 4 Dec 2020 20:55

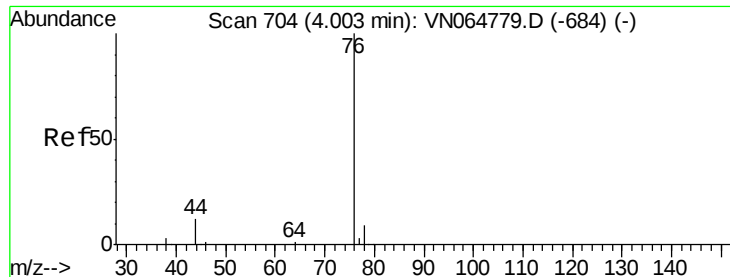
Tgt Ion: 43 Resp: 212546

Ion Ratio Lower Upper

43 100

58 34.3 25.7 38.5

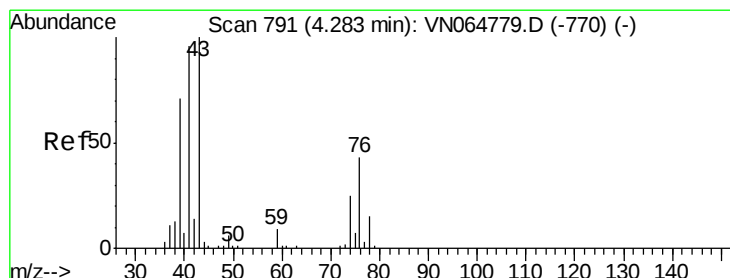
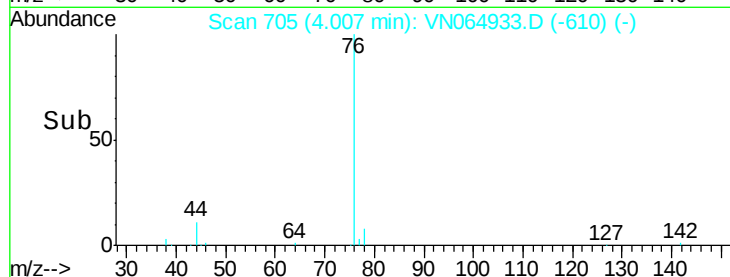
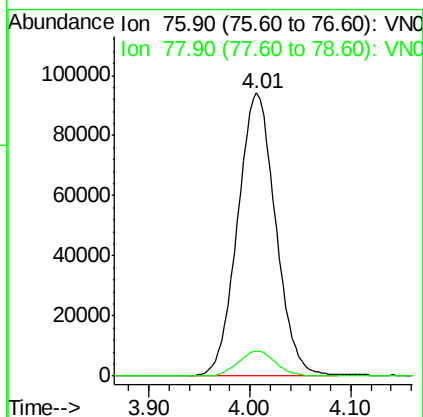
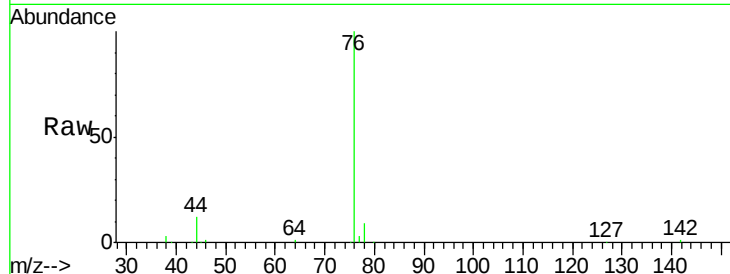




#17
Carbon Disulfide
Concen: 44.668 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

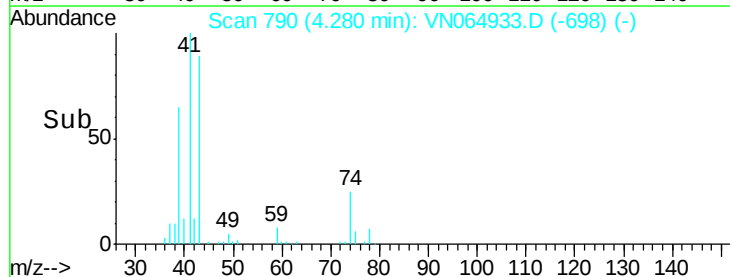
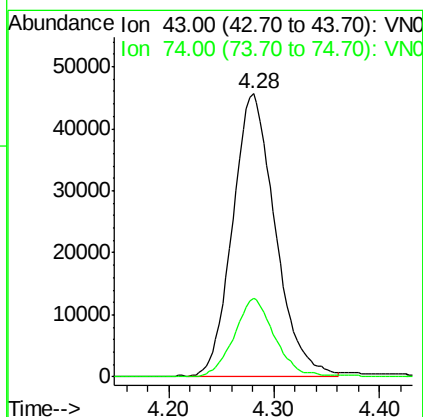
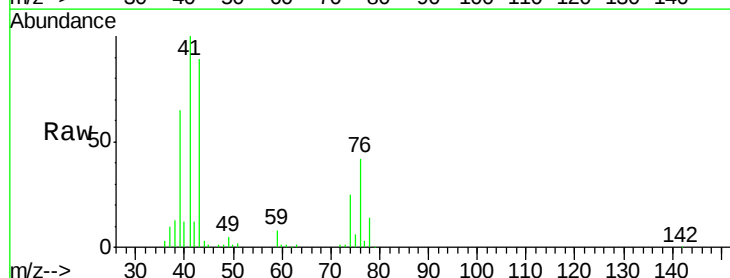
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

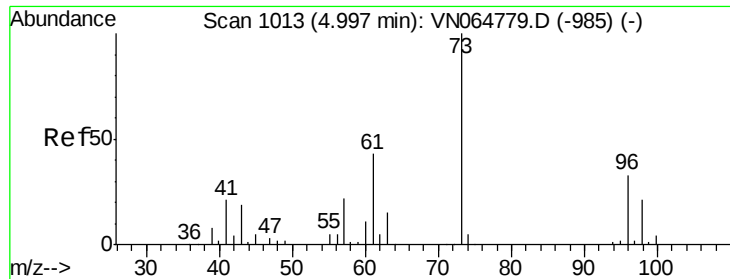
Tot Ion: 76 Resp: 246036
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 50.241 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 43 Resp: 127000
Ion Ratio Lower Upper
43 100
74 26.5 20.2 30.2

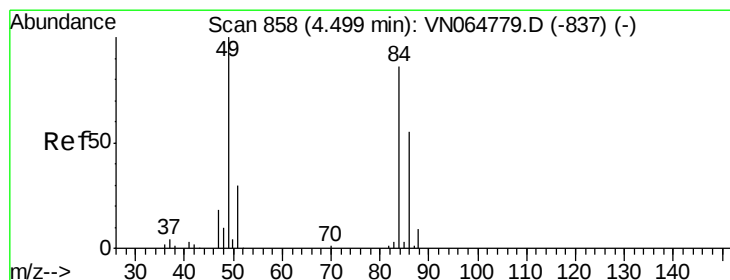
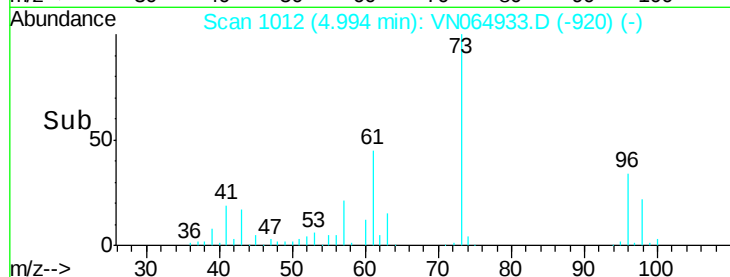
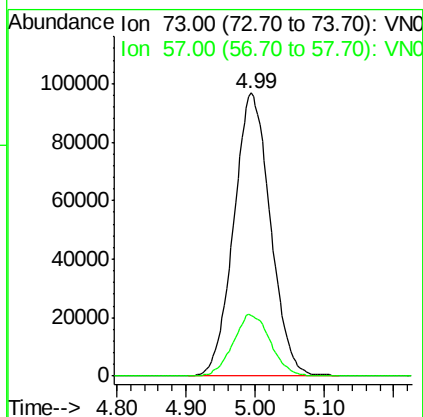
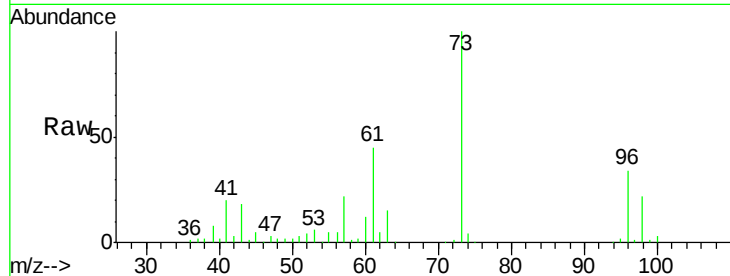




#19
Methvl tert-butvl Ether
Concen: 52.028 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

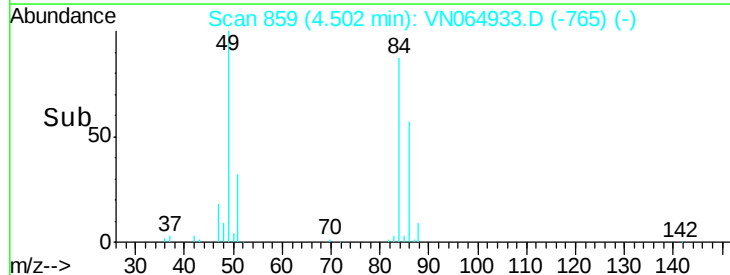
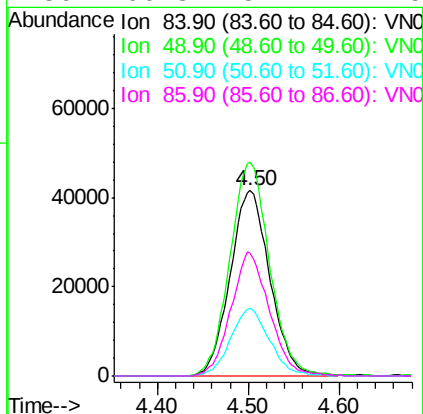
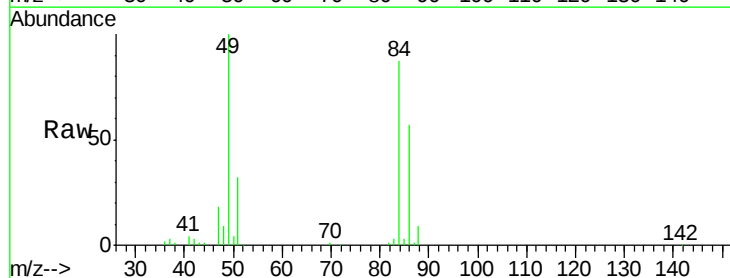
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

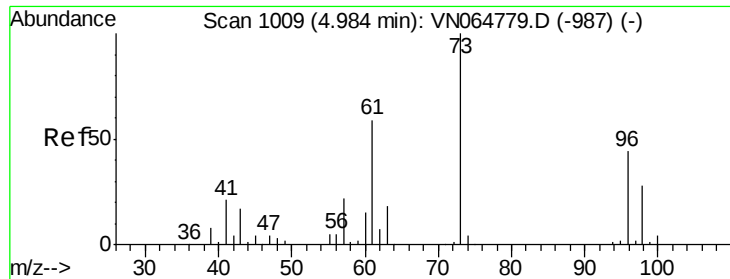
Tot Ion: 73 Resp: 355976
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 47.949 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 84 Resp: 126325
Ion Ratio Lower Upper
84 100
49 115.4 93.4 140.0
51 36.5 28.2 42.4
86 66.3 51.7 77.5

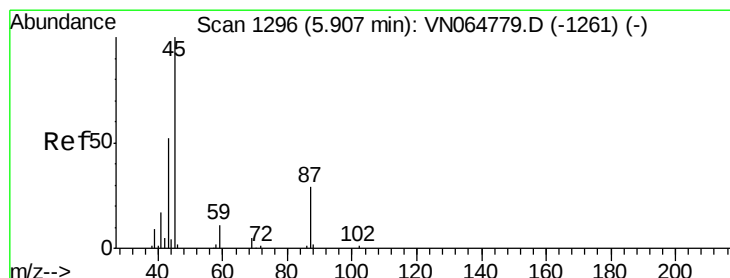
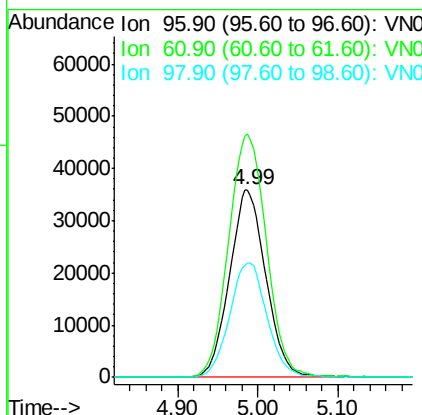
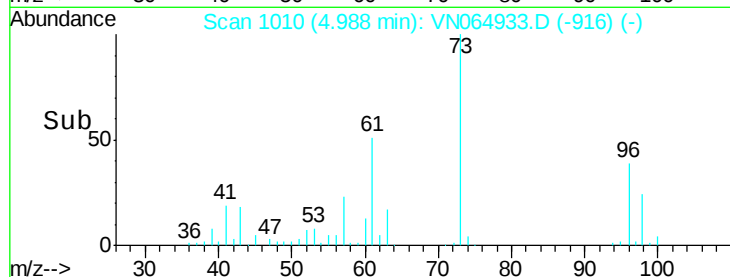
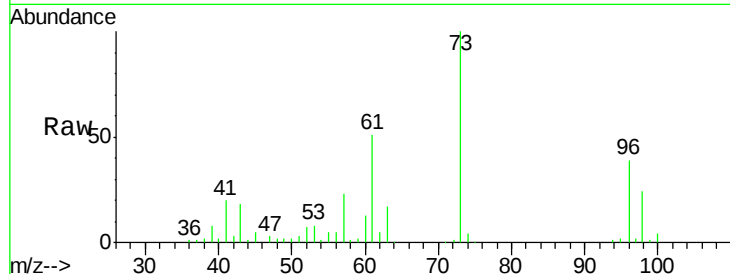




#21
trans-1,2-Dichloroethene
Concen: 46.712 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

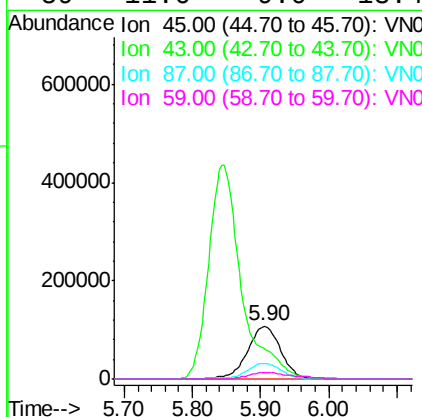
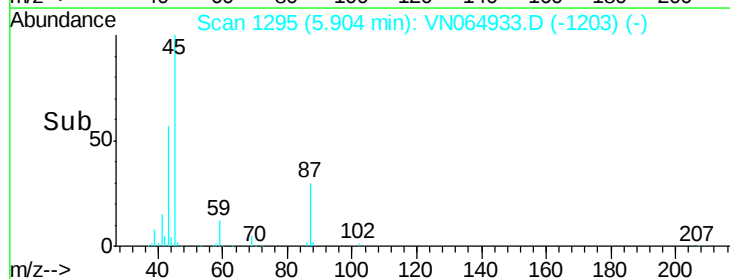
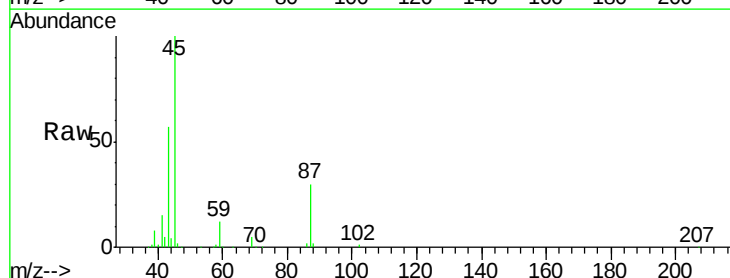
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

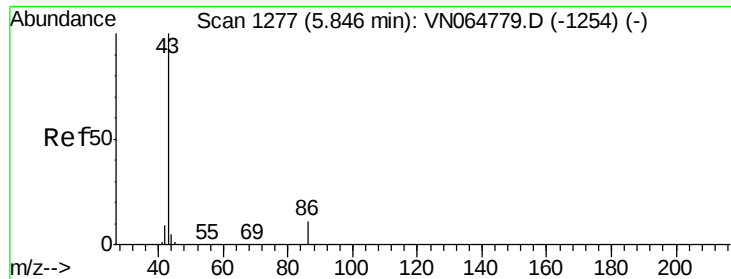
Tot Ion: 96 Resp: 110663
Ion Ratio Lower Upper
96 100
61 129.8 108.4 162.6
98 60.7 51.3 76.9



#22
Diisopropyl ether
Concen: 51.696 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 45 Resp: 364077
Ion Ratio Lower Upper
45 100
43 56.0 46.2 69.2
87 29.5 24.1 36.1
59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 259.166 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

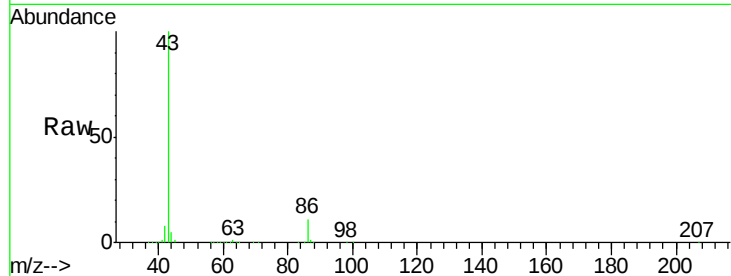
VSTDCCC050EC

Tot Ion: 43 Resp: 1459591

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

400000

300000

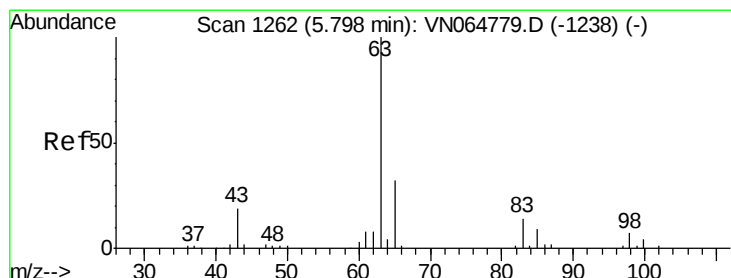
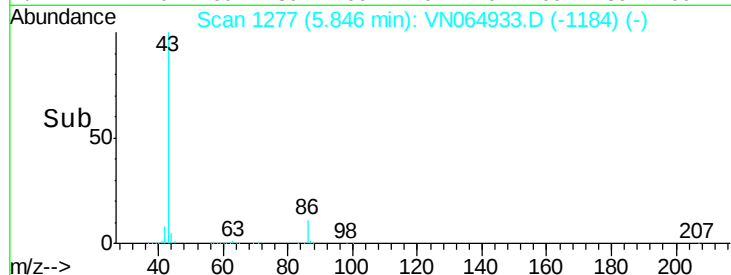
200000

100000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 49.964 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

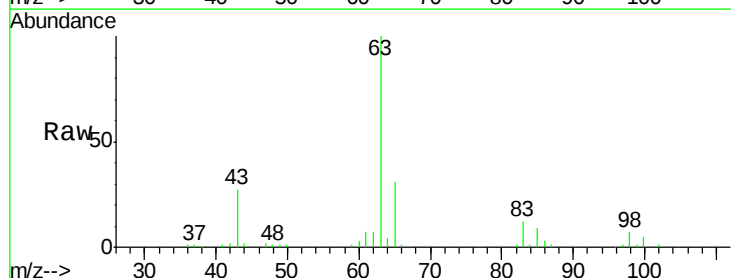
Tgt Ion: 63 Resp: 210297

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

60000

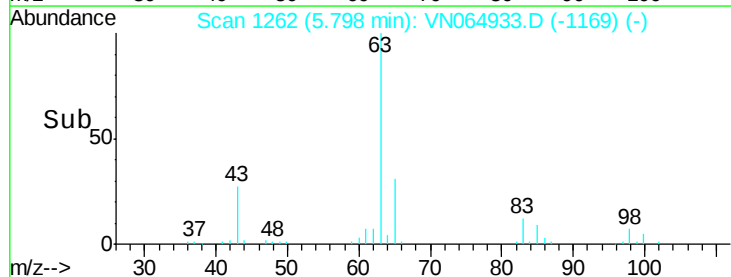
40000

20000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 253.844 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

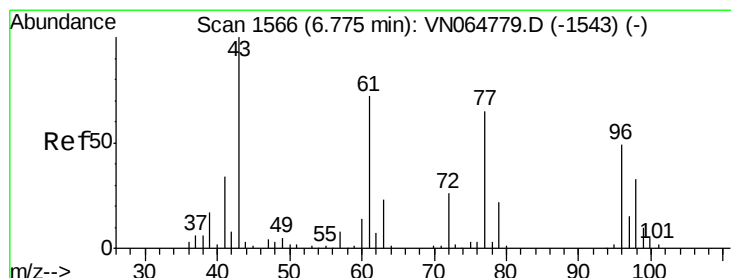
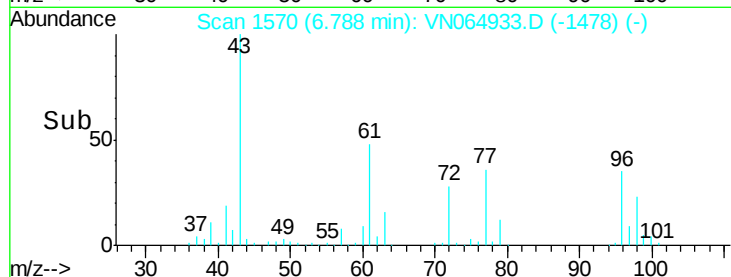
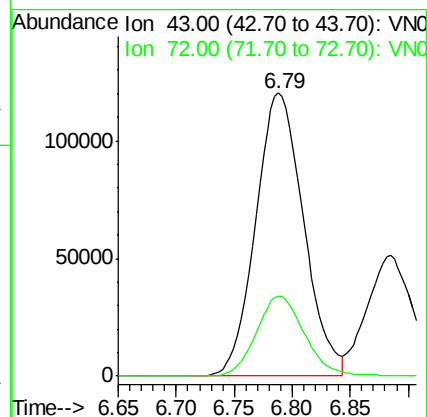
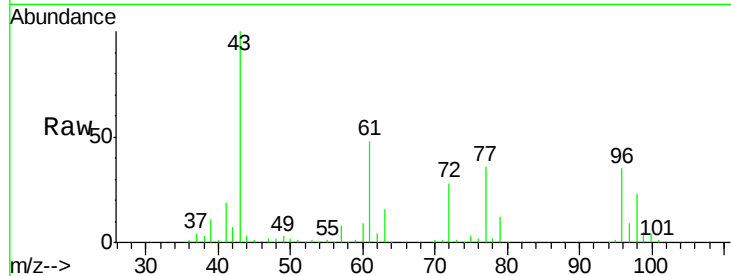
VSTDCCC050EC

Tot Ion: 43 Resp: 345968

Ion Ratio Lower Upper

43 100

72 28.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 44.738 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064933.D

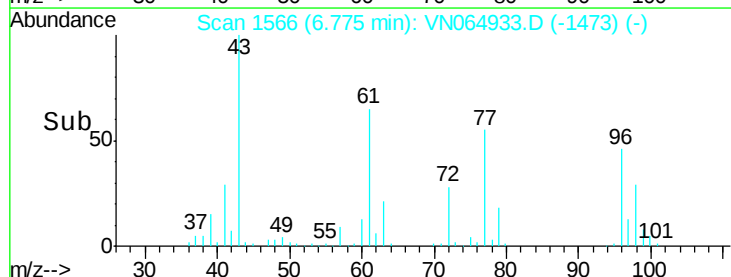
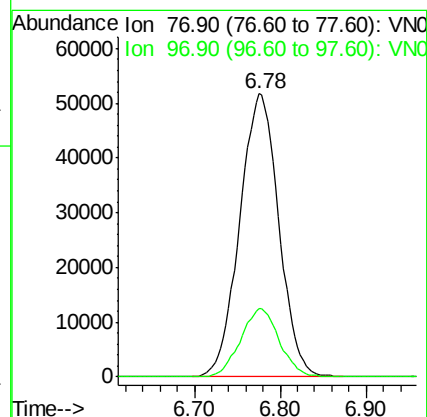
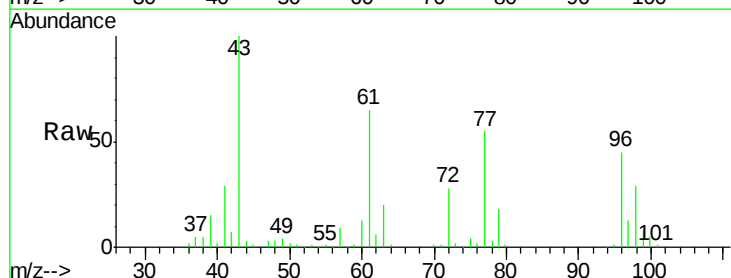
Acq: 4 Dec 2020 20:55

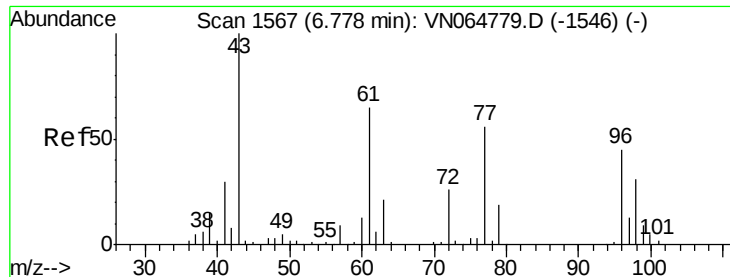
Tgt Ion: 77 Resp: 163316

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.250 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

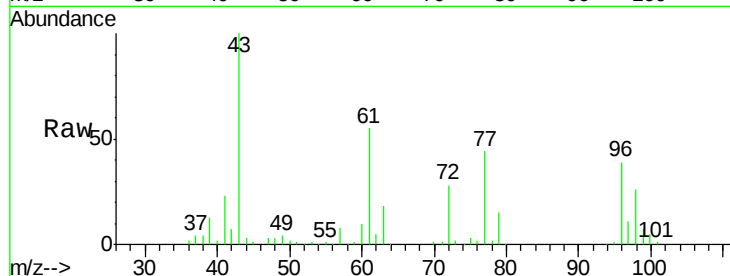
Tot Ion: 96 Resp: 133955

Ion Ratio Lower Upper

96 100

61 137.9 0.0 285.8

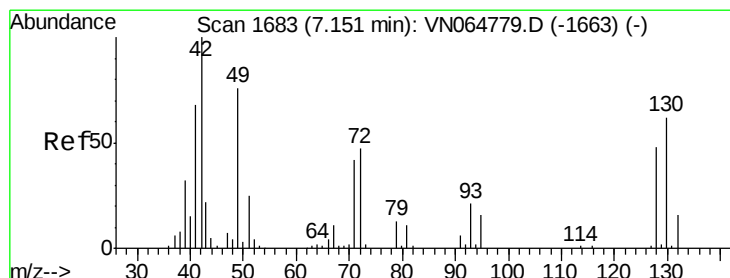
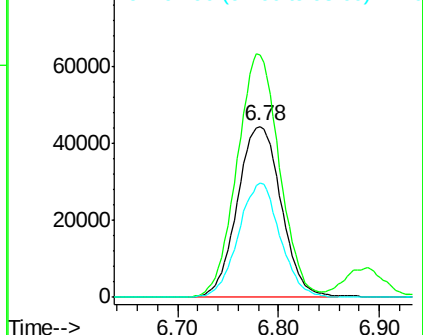
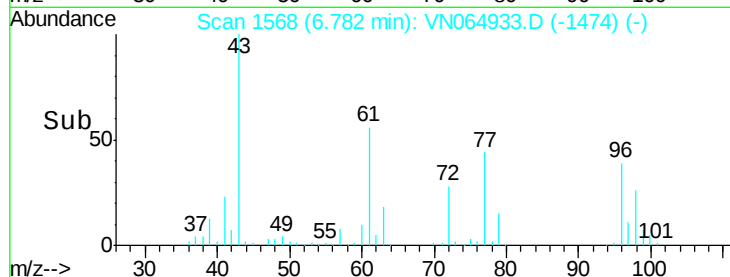
98 64.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064933.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064933.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064933.D (-1474) (-)



#28

Bromochloromethane

Concen: 52.052 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

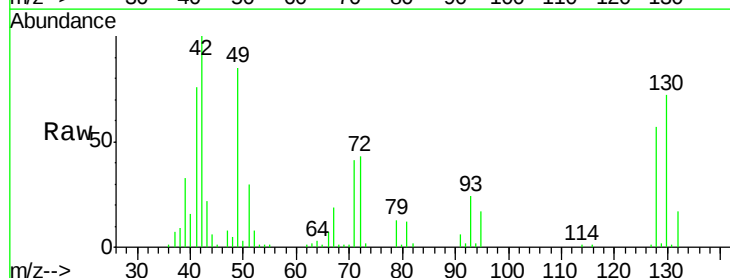
Tgt Ion: 49 Resp: 100225

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

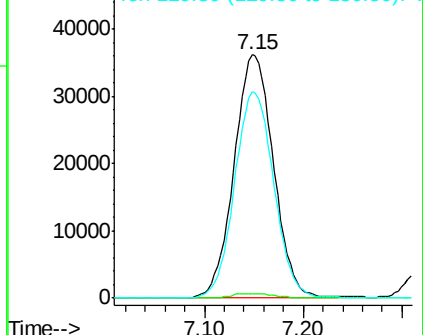
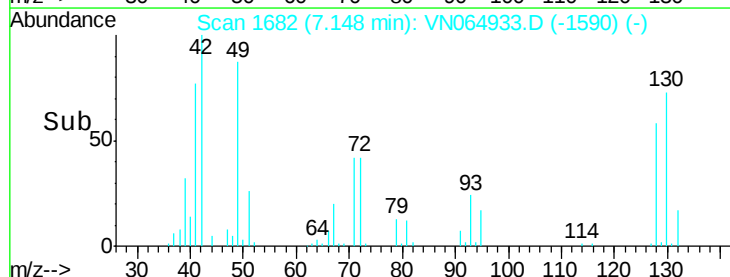
130 84.8 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064933.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064933.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064933.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 242.274 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

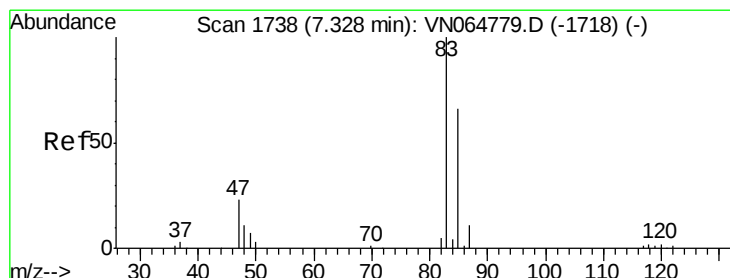
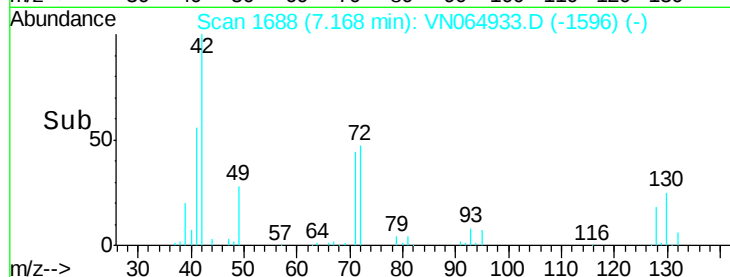
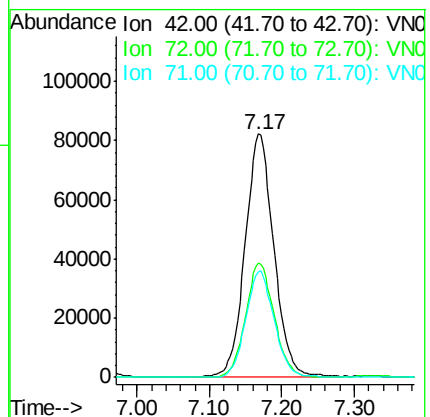
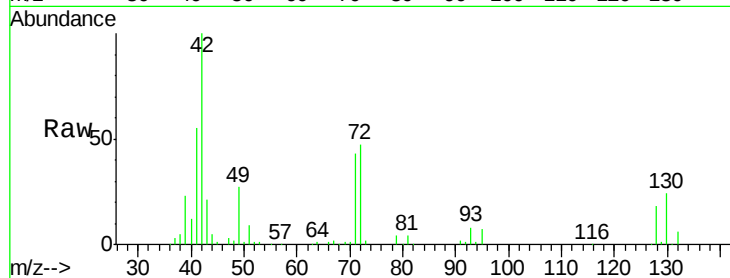
Tot Ion: 42 Resp: 227934

Ion Ratio Lower Upper

42 100

72 46.2 36.6 54.8

71 43.1 33.6 50.4



#30

Chloroform

Concen: 49.092 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064933.D

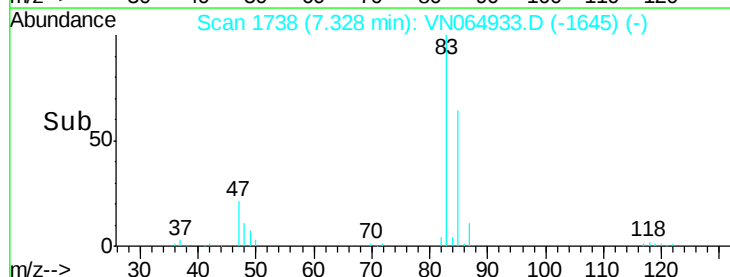
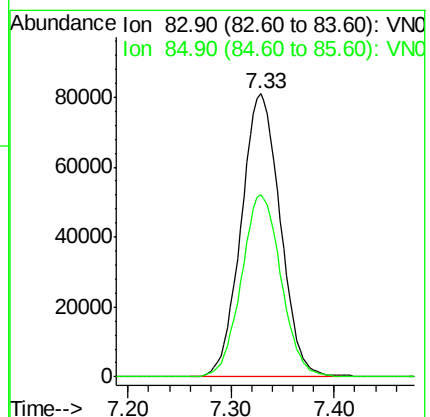
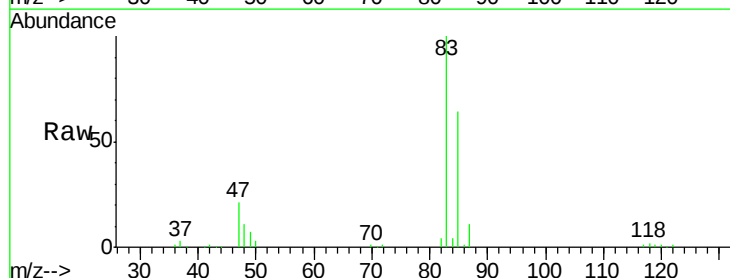
Acq: 4 Dec 2020 20:55

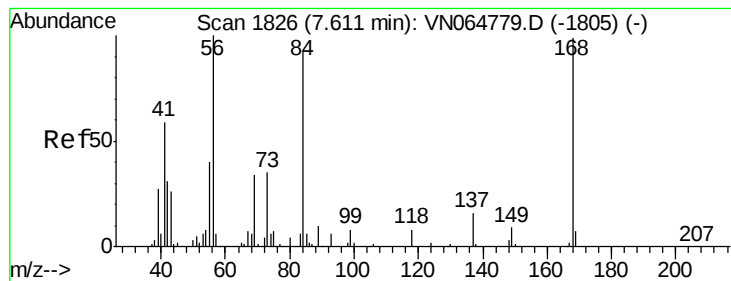
Tgt Ion: 83 Resp: 213080

Ion Ratio Lower Upper

83 100

85 64.2 52.6 78.8





#31

Cyclohexane

Concen: 45.924 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

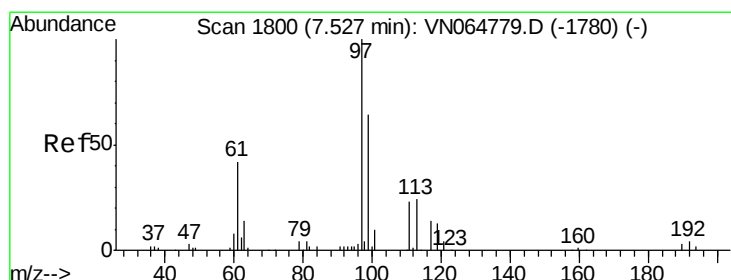
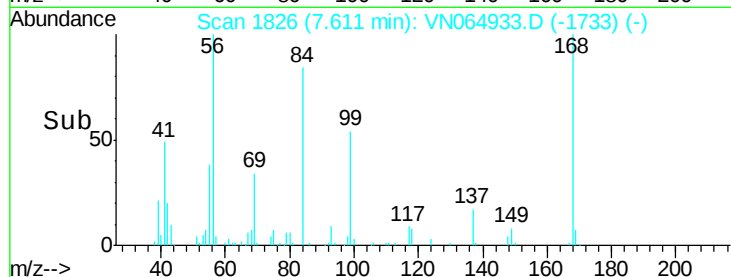
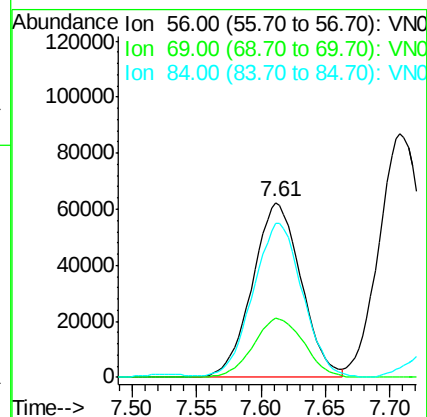
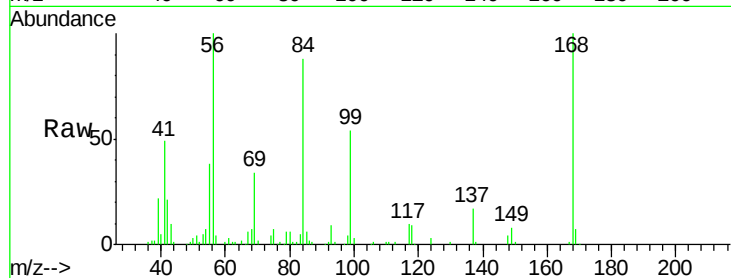
Tot Ion: 56 Resp: 163707

Ion Ratio Lower Upper

56 100

69 33.7 27.5 41.3

84 87.1 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 48.461 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

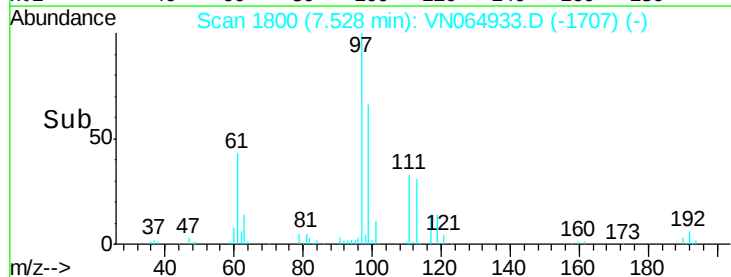
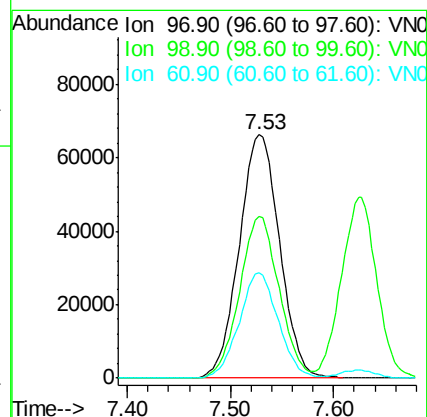
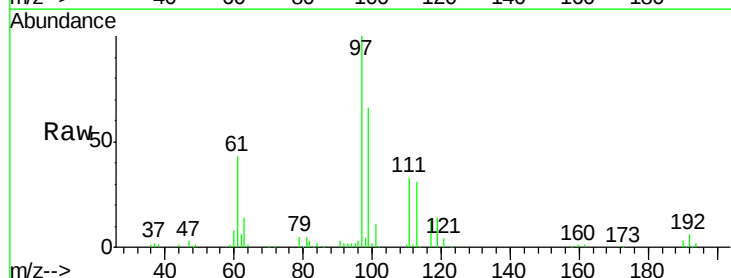
Tgt Ion: 97 Resp: 180657

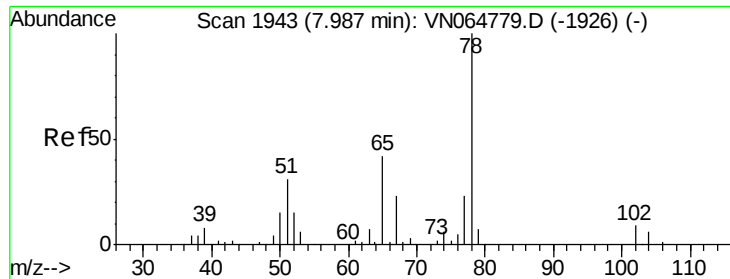
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 41.8 33.9 50.9

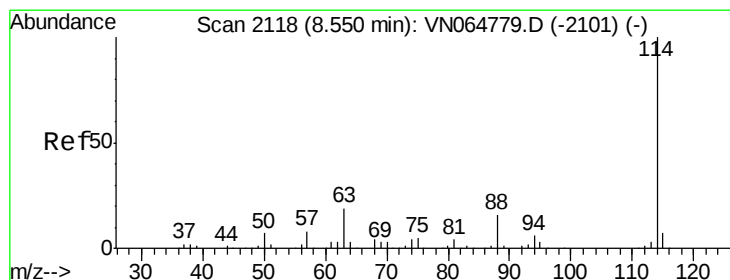
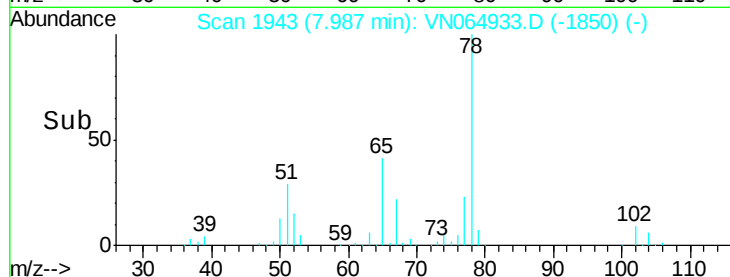
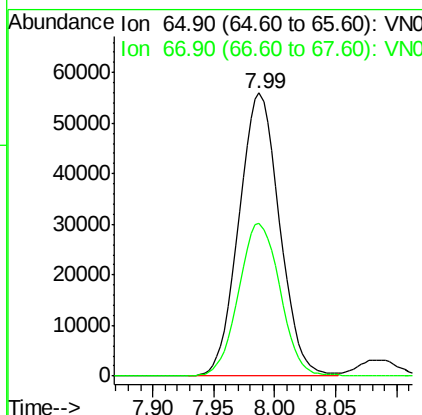
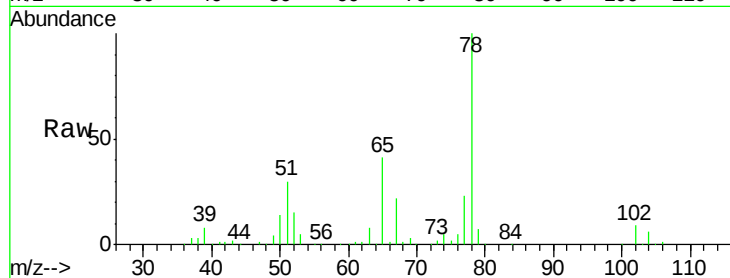




#33
 1,2-Dichloroethane-d4
 Concen: 50.389 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

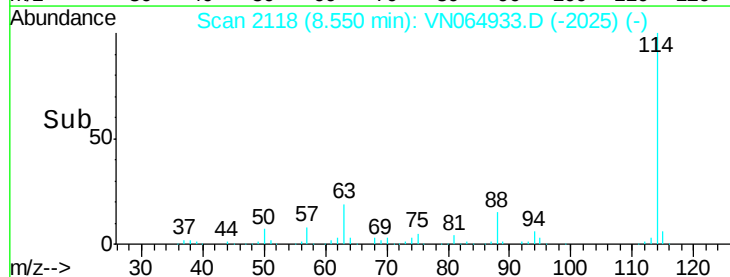
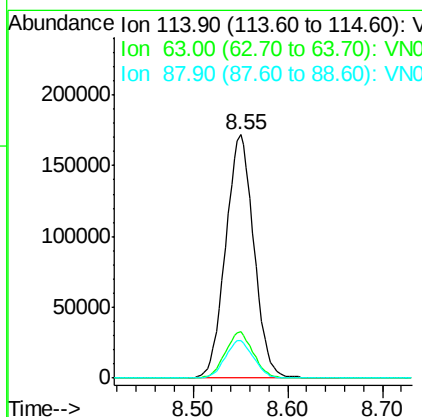
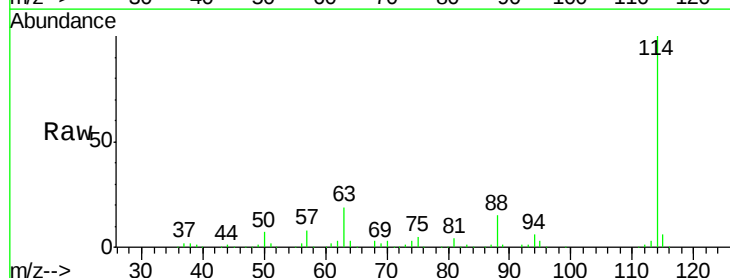
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 128876
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion: 114 Resp: 355370
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.4 0.0 32.6

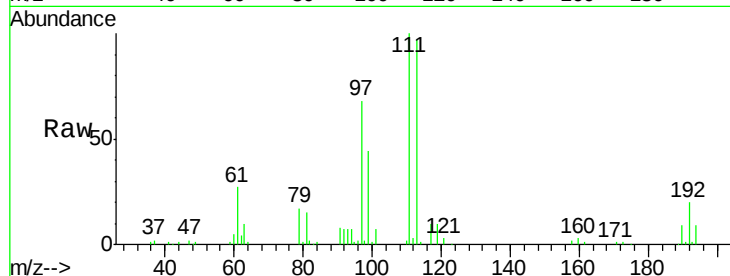




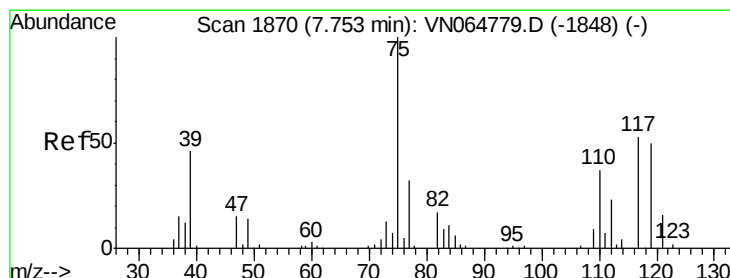
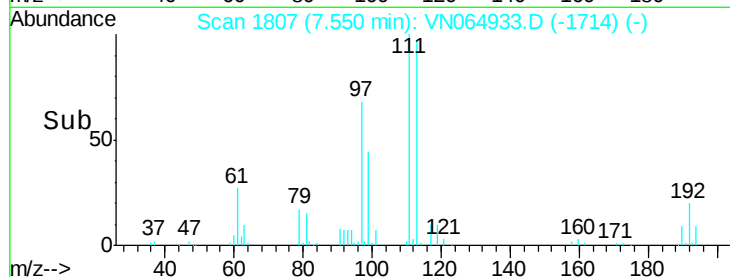
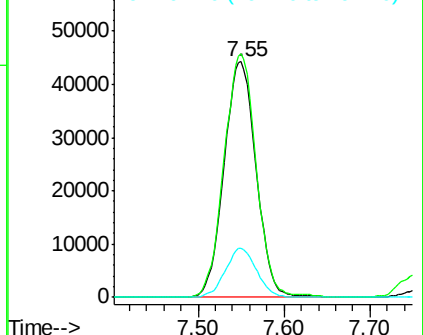
#35
 Dibromofluoromethane
 Concen: 53.855 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 114518
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.6 122.4
 192 20.3 16.2 24.2

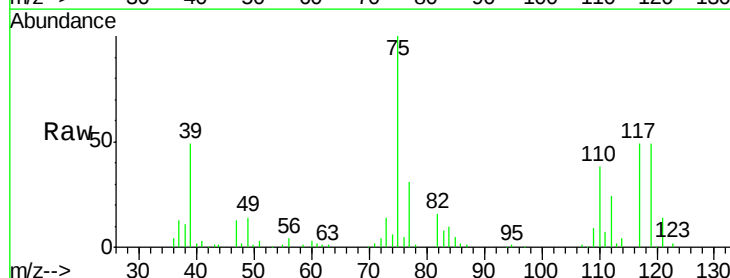


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

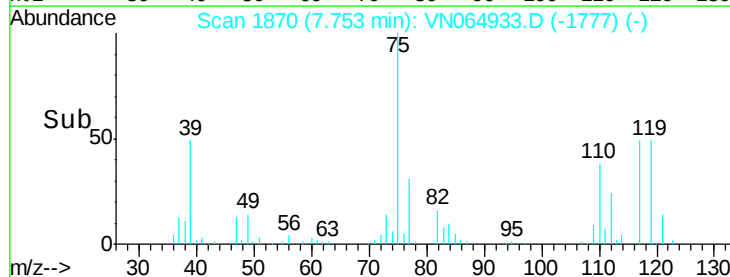
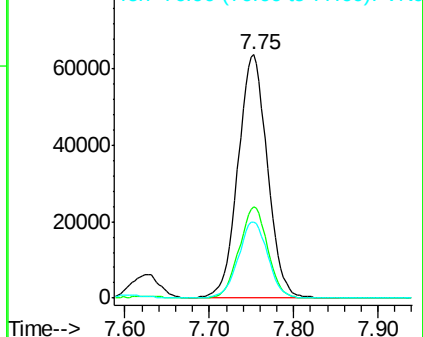


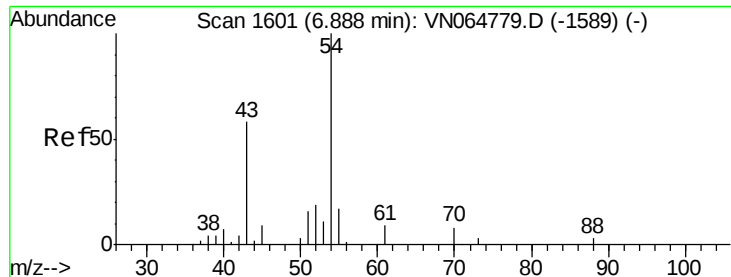
#36
 1,1-Dichloropropene
 Concen: 47.020 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion: 75 Resp: 154881
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.8 53.3
 77 31.6 25.0 37.4



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

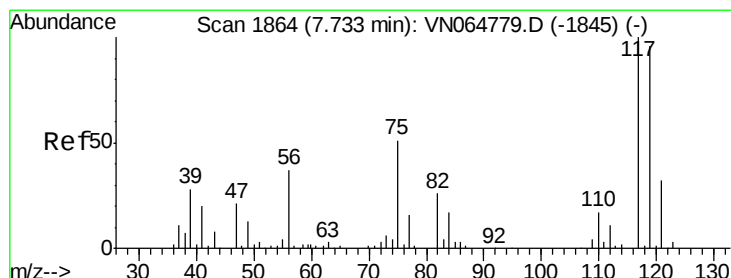
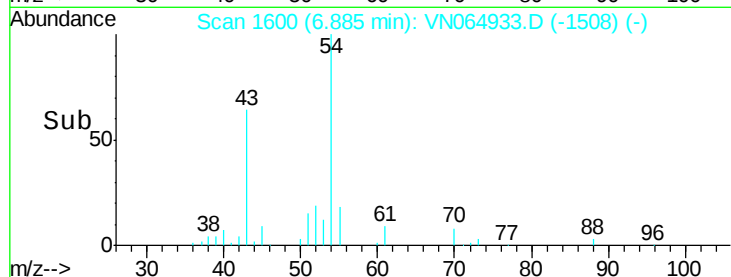
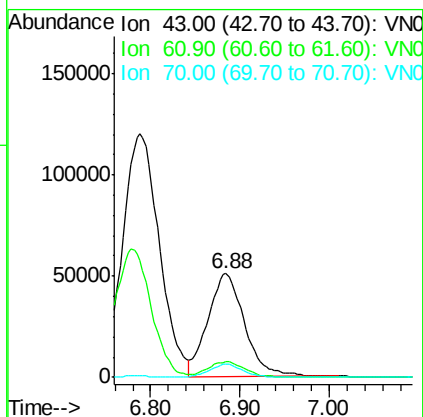
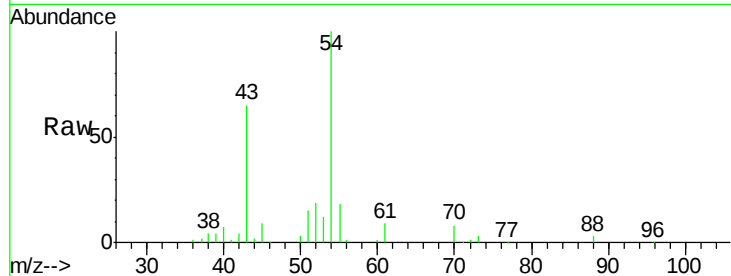




#37
Ethyl Acetate
Concen: 46.037 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

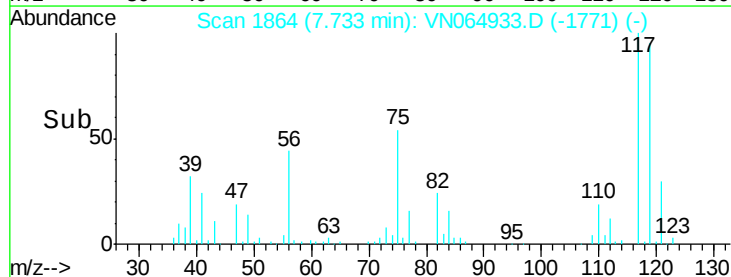
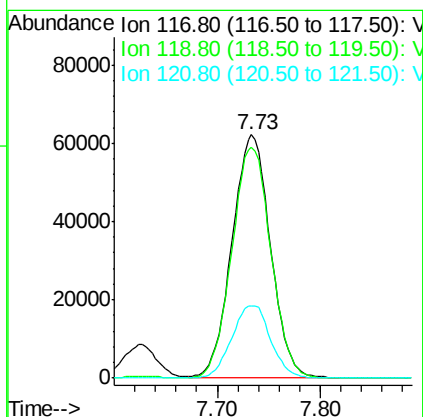
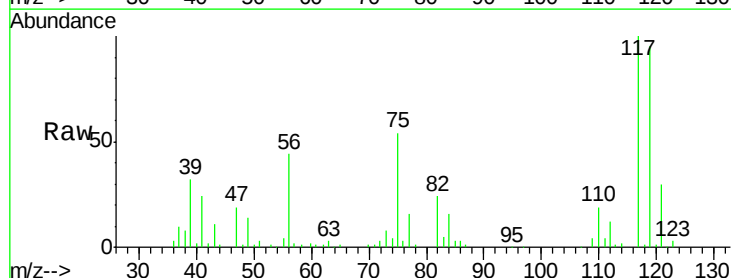
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

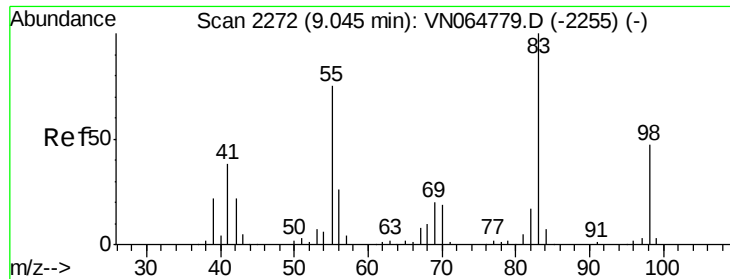
Tot Ion: 43 Resp: 146071
Ion Ratio Lower Upper
43 100
61 15.5 12.8 19.2
70 11.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 47.088 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 117 Resp: 161386
Ion Ratio Lower Upper
117 100
119 94.8 76.7 115.1
121 29.8 25.4 38.2

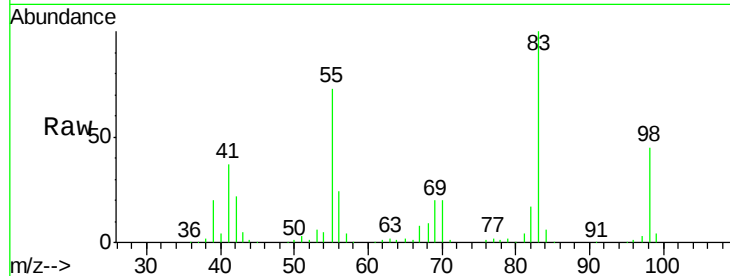




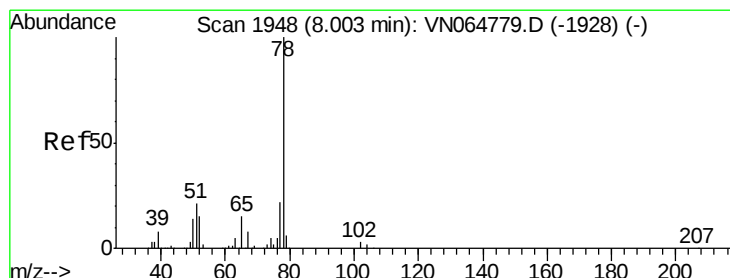
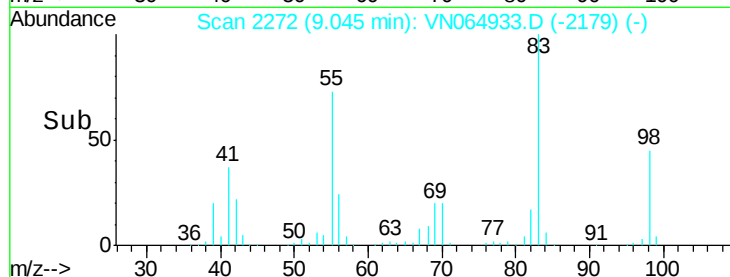
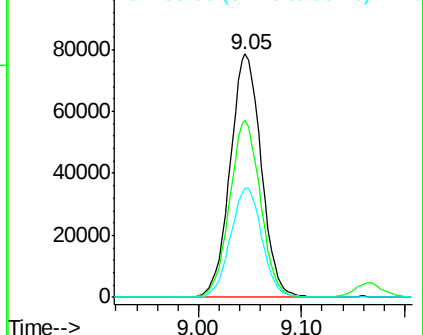
#39
Methvlcvclohexane
Concen: 46.365 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 164408
Ion Ratio Lower Upper
83 100
55 72.6 60.2 90.2
98 44.7 37.4 56.2

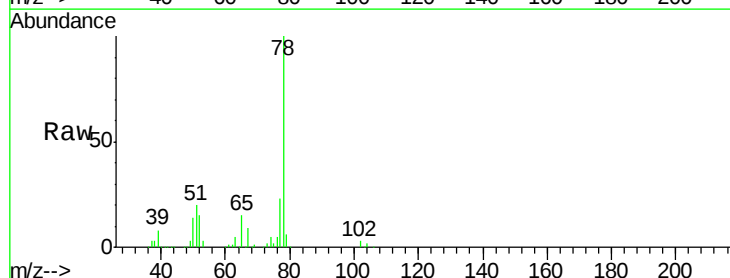


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

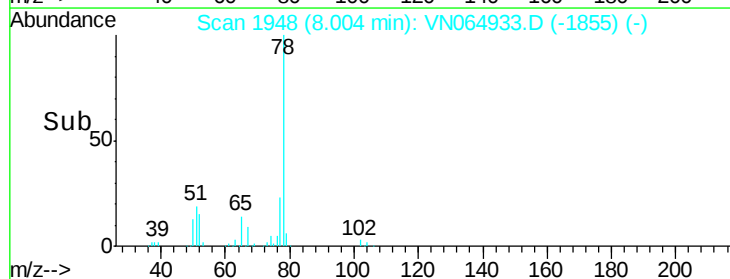
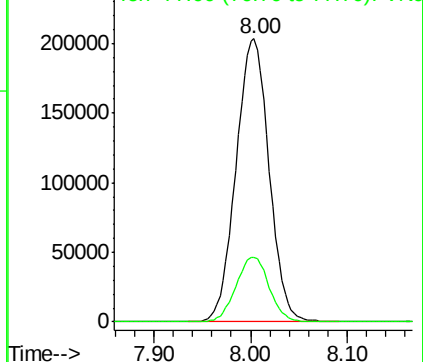


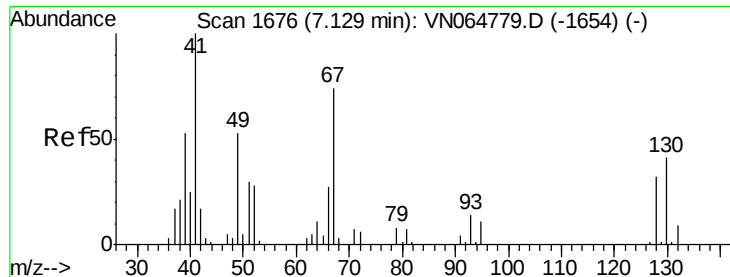
#40
Benzene
Concen: 47.868 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 78 Resp: 483165
Ion Ratio Lower Upper
78 100
77 22.9 17.9 26.9



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

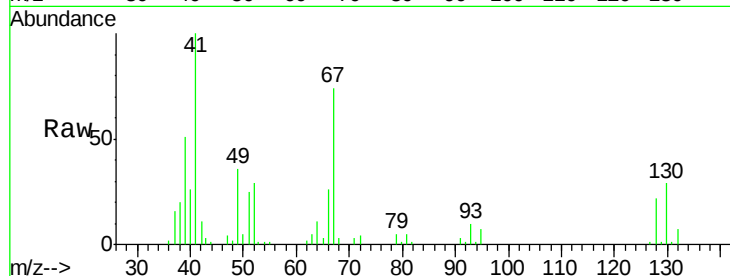




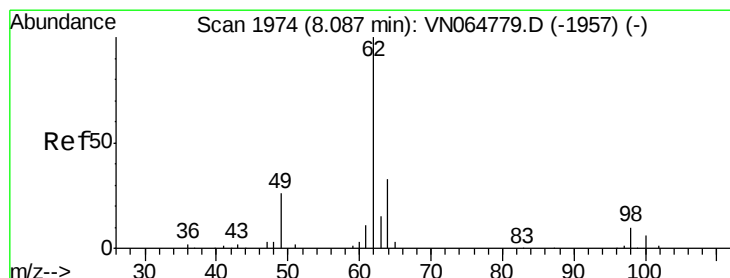
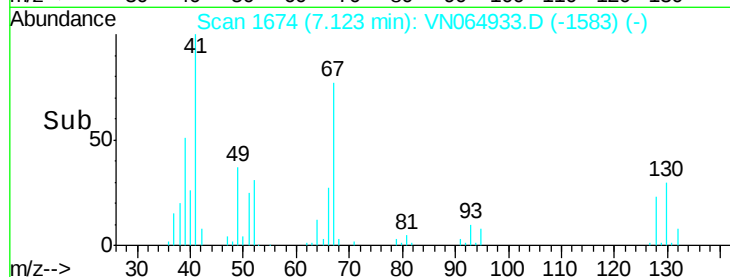
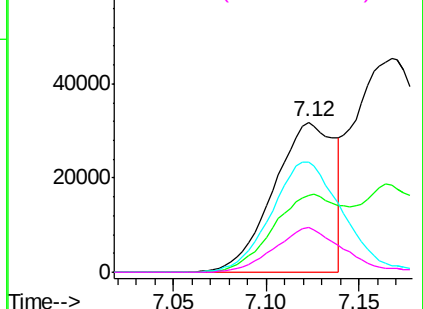
#41
Methacrylonitrile
Concen: 49.885 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 73034
Ion Ratio Lower Upper
41 100
39 59.8 51.0 76.6
67 87.2 79.8 119.8
52 33.9 31.5 47.3

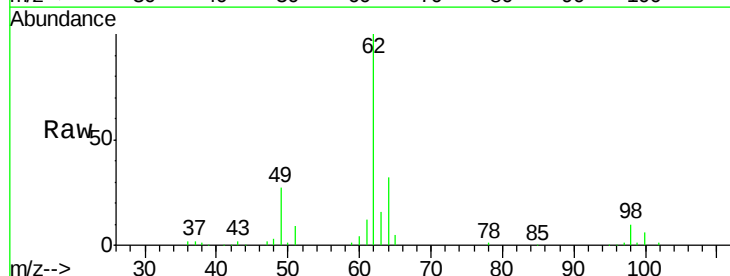


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

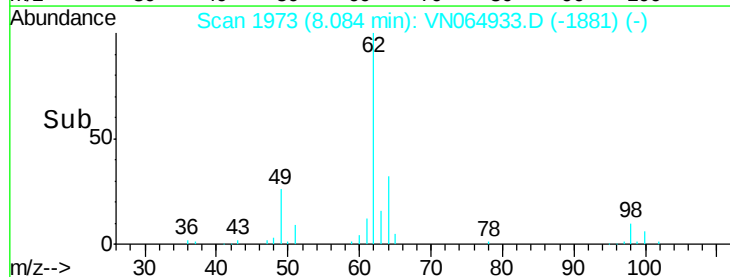
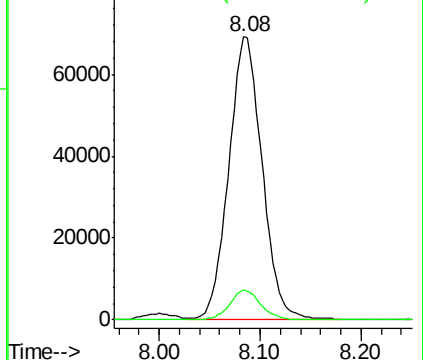


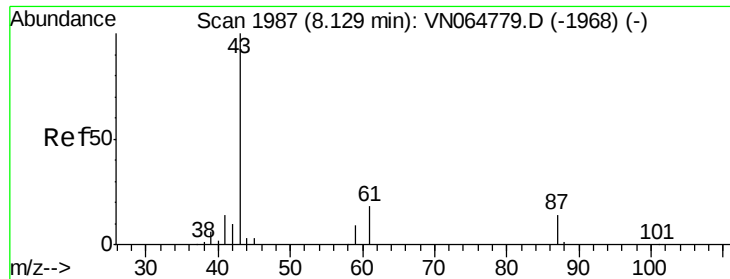
#42
1,2-Dichloroethane
Concen: 46.480 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 62 Resp: 158267
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 48.075 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

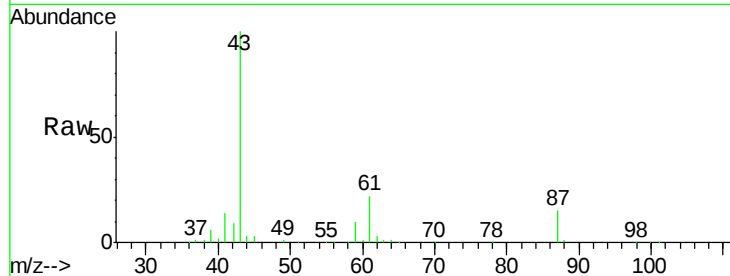
Tot Ion: 43 Resp: 245455

Ion Ratio Lower Upper

43 100

61 22.8 17.2 25.8

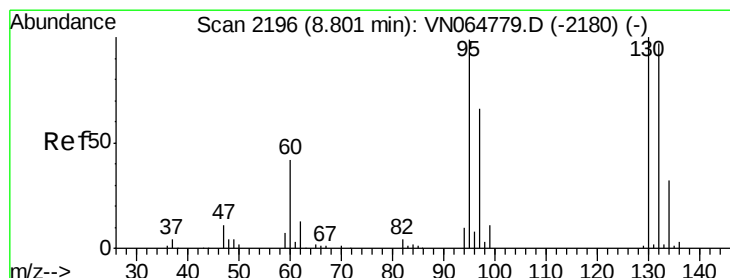
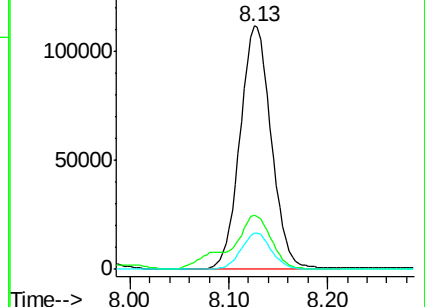
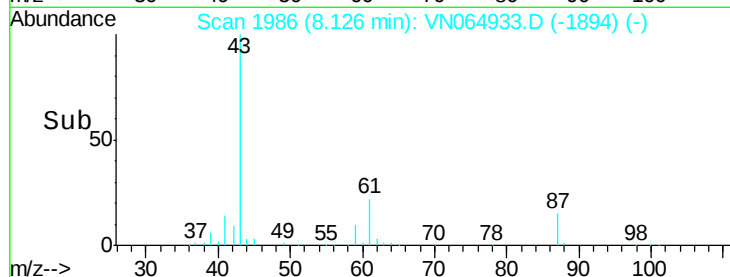
87 14.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064933.D (-1986) (-)

Ion 61.00 (60.70 to 61.70): VN064933.D (-1986) (-)

Ion 87.00 (86.70 to 87.70): VN064933.D (-1986) (-)



#44

Trichloroethene

Concen: 44.954 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064933.D

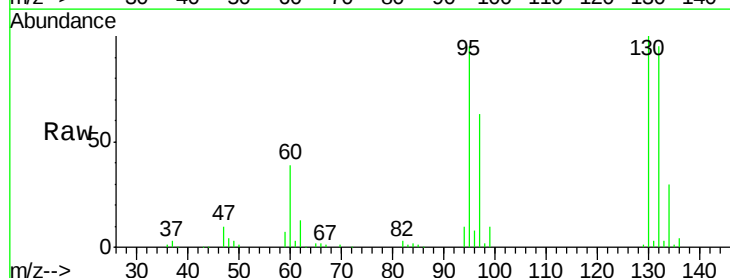
Acq: 4 Dec 2020 20:55

Tgt Ion:130 Resp: 133880

Ion Ratio Lower Upper

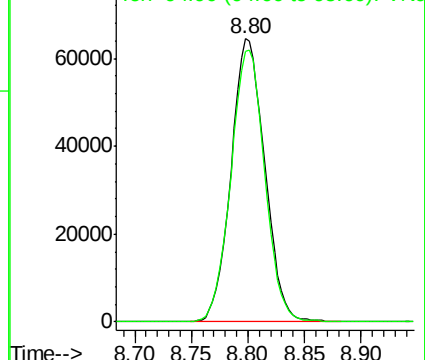
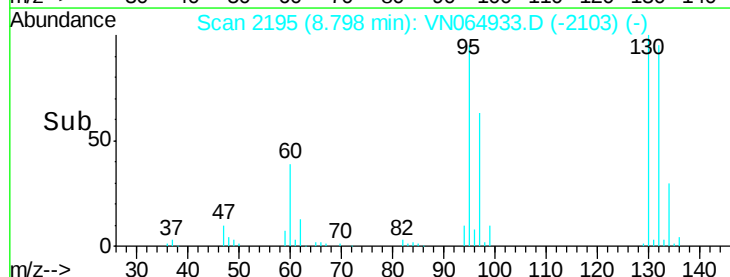
130 100

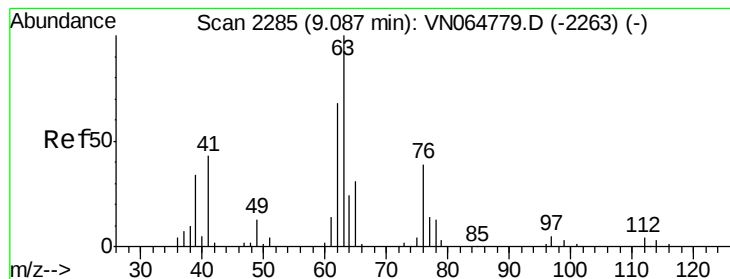
95 95.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064933.D (-2195) (-)

Ion 94.90 (94.60 to 95.60): VN064933.D (-2195) (-)





#45

1,2-Dichloropropane

Concen: 49.433 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

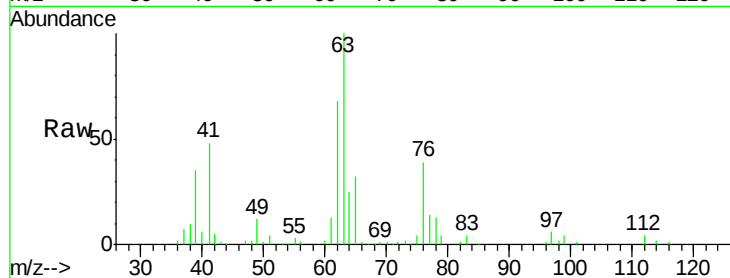
VSTDCCC050EC

Tot Ion: 63 Resp: 129216

Ion Ratio Lower Upper

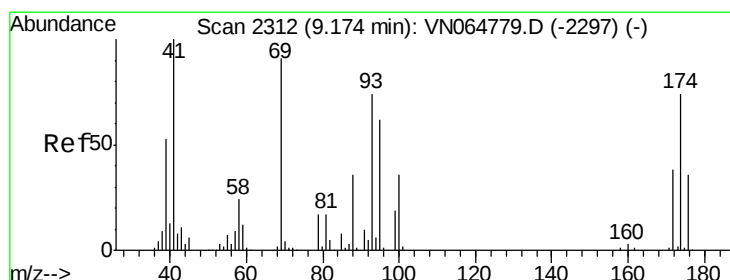
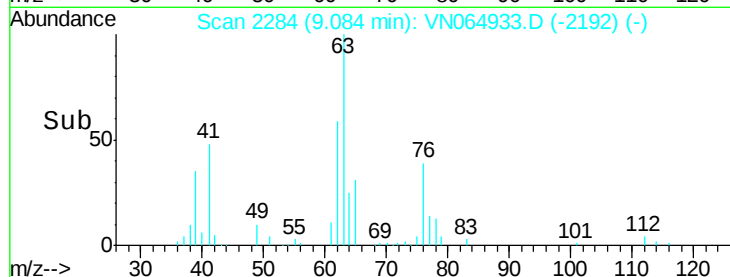
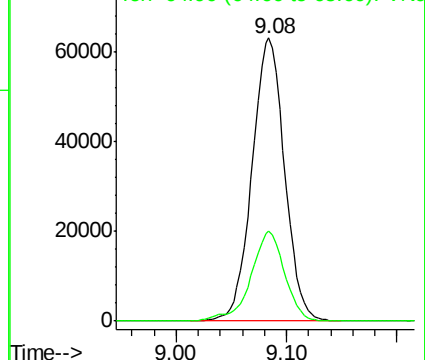
63 100

65 31.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.216 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

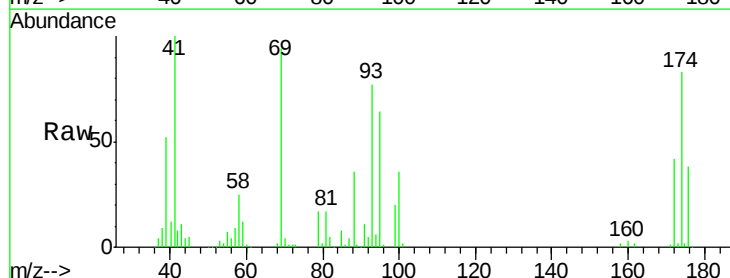
Tgt Ion: 93 Resp: 84200

Ion Ratio Lower Upper

93 100

95 83.5 68.8 103.2

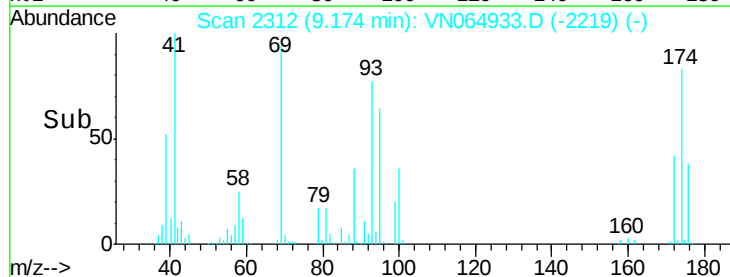
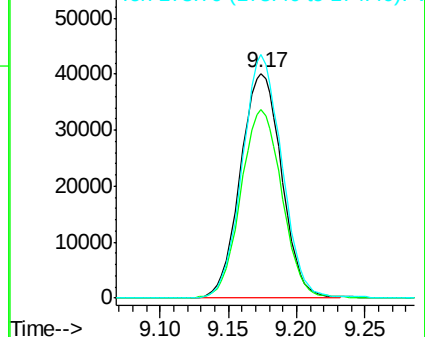
174 103.9 83.1 124.7

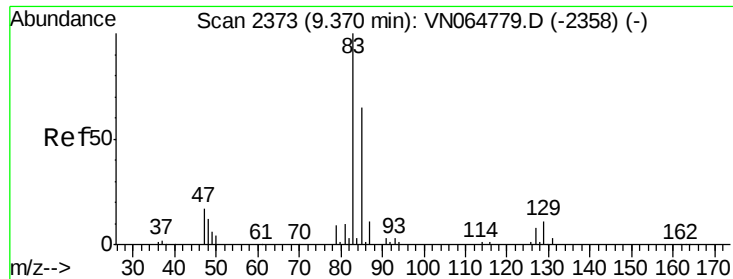


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.390 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

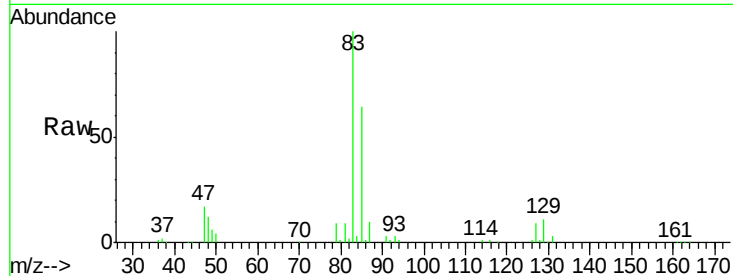
Tot Ion: 83 Resp: 170030

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.8

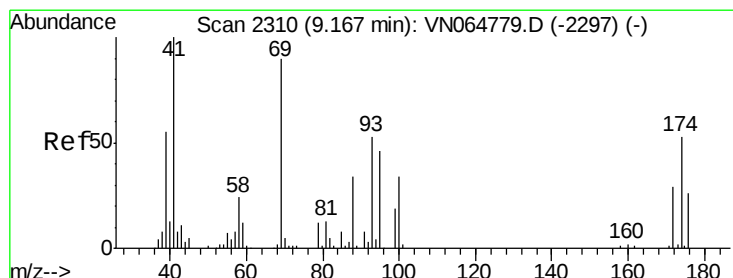
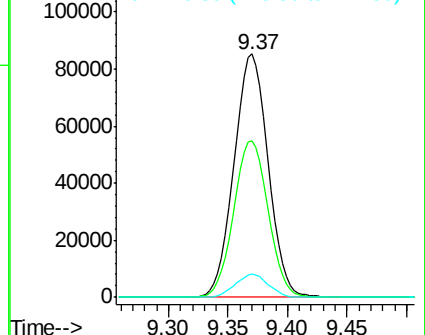
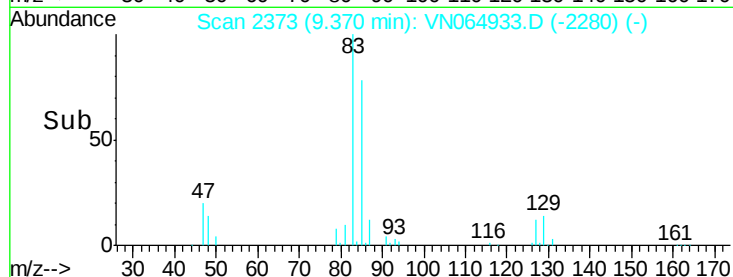
127 9.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064933.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064933.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064933.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.702 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

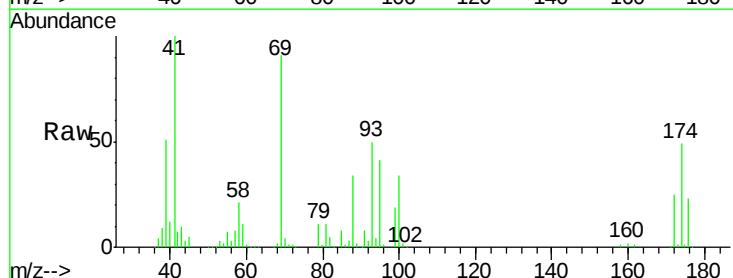
Tgt Ion: 41 Resp: 121256

Ion Ratio Lower Upper

41 100

69 92.3 71.8 107.8

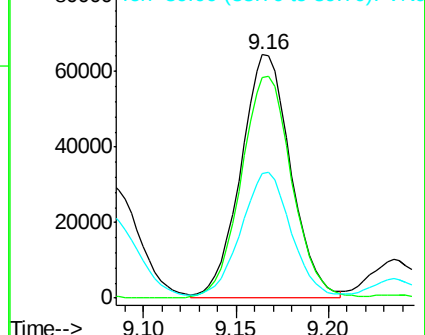
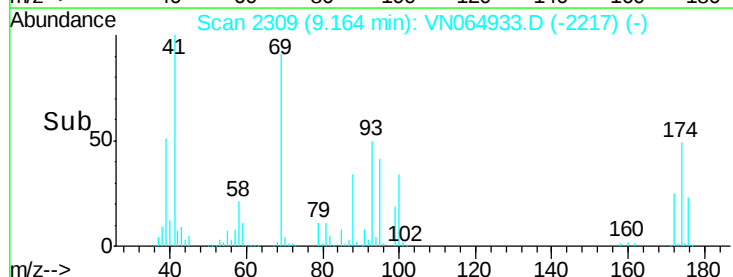
39 52.1 44.1 66.1

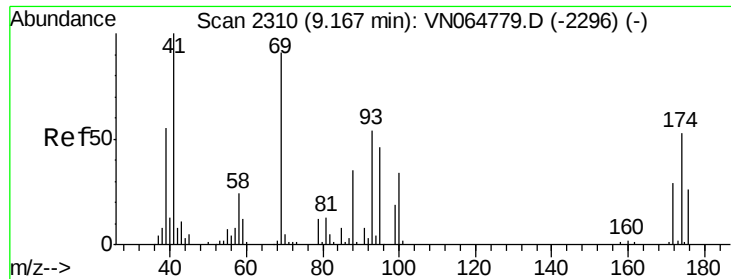


Abundance Ion 41.00 (40.70 to 41.70): VN064933.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064933.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064933.D (-2217) (-)

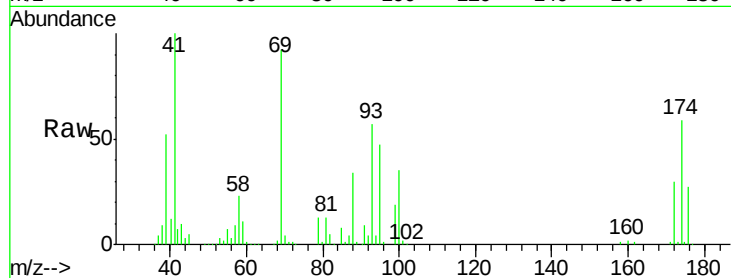




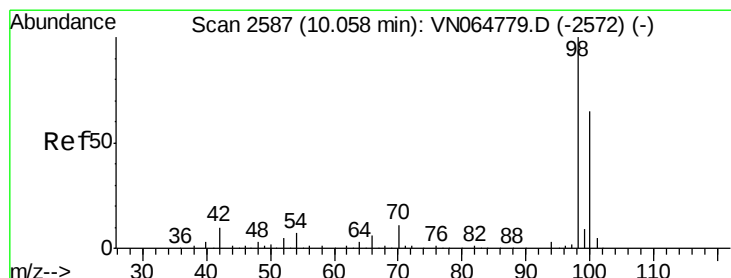
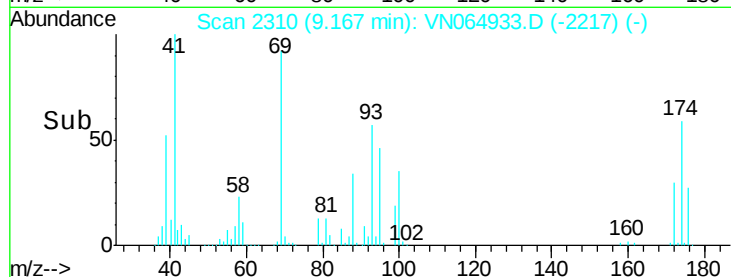
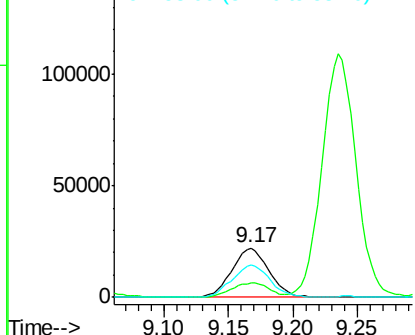
#49
 1,4-Dioxane
 Concen: 958.793 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 44210
 Ion Ratio Lower Upper
 88 100
 43 28.6 24.2 36.4
 58 67.3 52.5 78.7

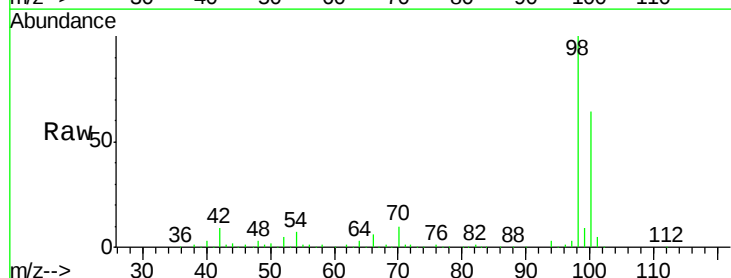


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

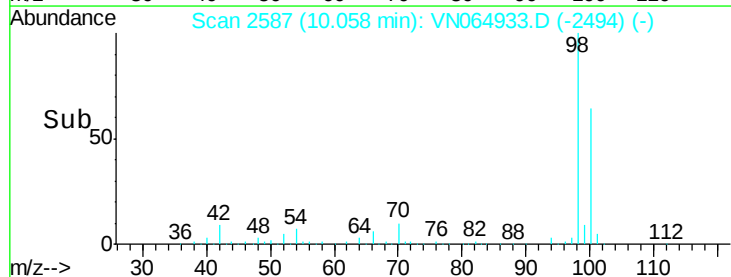
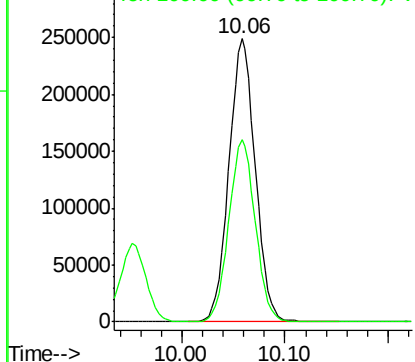


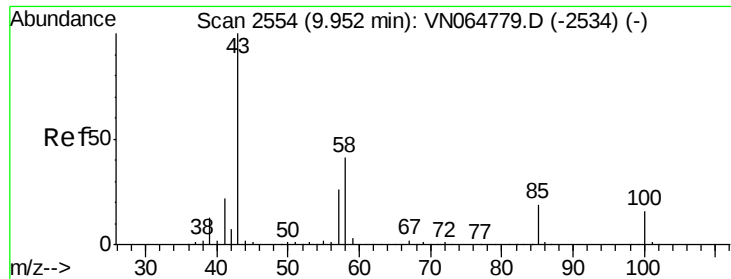
#50
 Toluene-d8
 Concen: 50.931 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion: 98 Resp: 442507
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 240.987 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

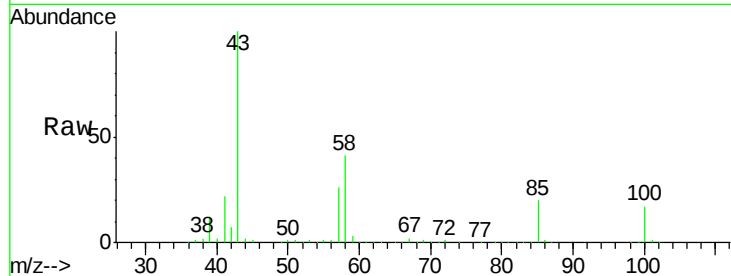
VSTDCCC050EC

Tot Ion: 43 Resp: 738663

Ion Ratio Lower Upper

43 100

58 41.0 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

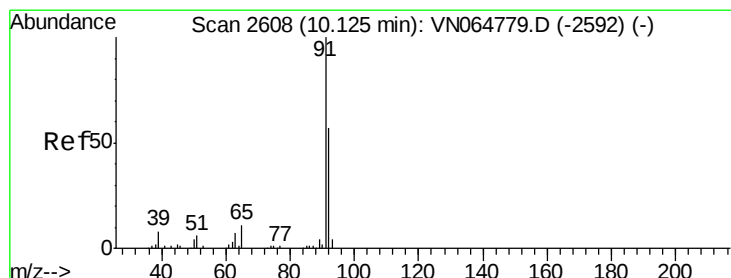
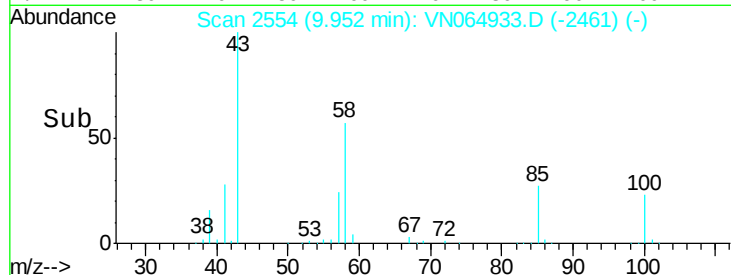
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.462 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064933.D

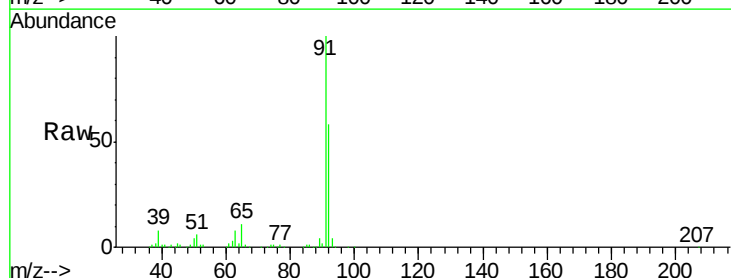
Acq: 4 Dec 2020 20:55

Tgt Ion: 92 Resp: 301243

Ion Ratio Lower Upper

92 100

91 172.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

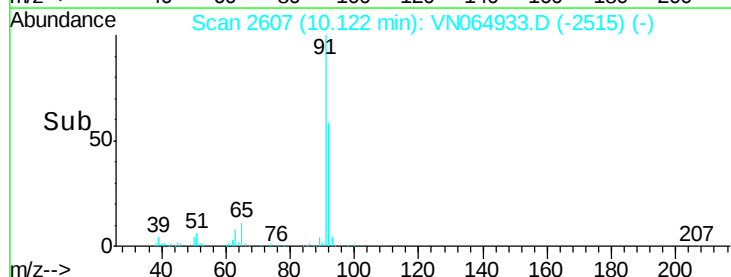
300000

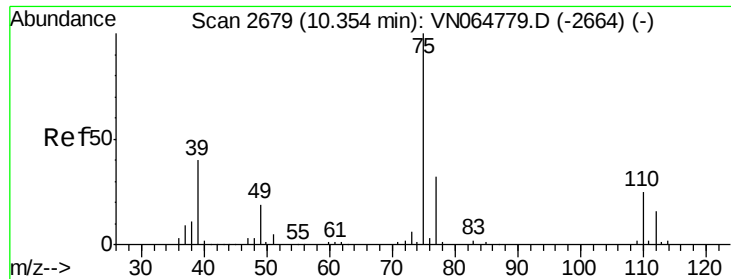
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.346 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

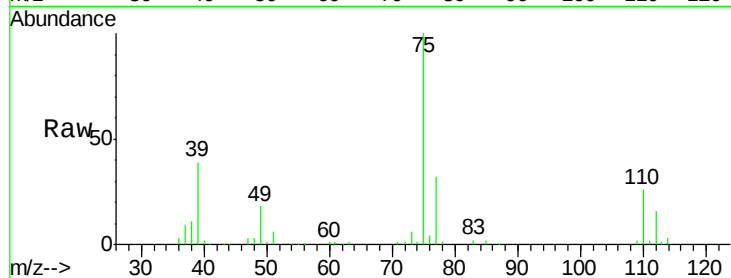
VSTDCCC050EC

Tot Ion: 75 Resp: 189207

Ion Ratio Lower Upper

75 100

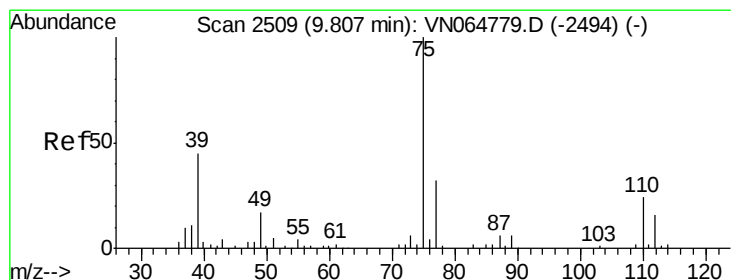
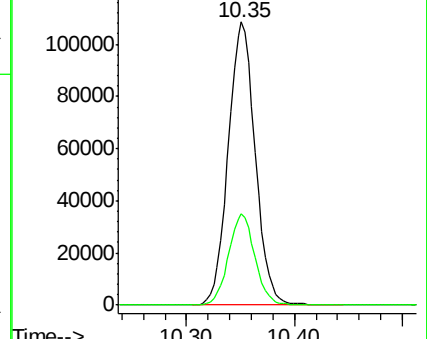
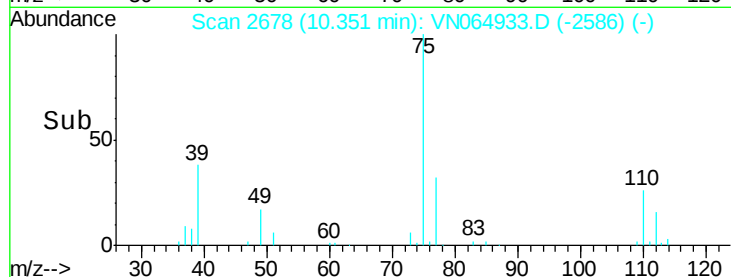
77 32.0 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN064933.D (-2586) (-)

Ion 76.90 (76.60 to 77.60): VN064933.D (-2586) (-)

10.35



#54

cis-1,3-Dichloropropene

Concen: 49.139 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

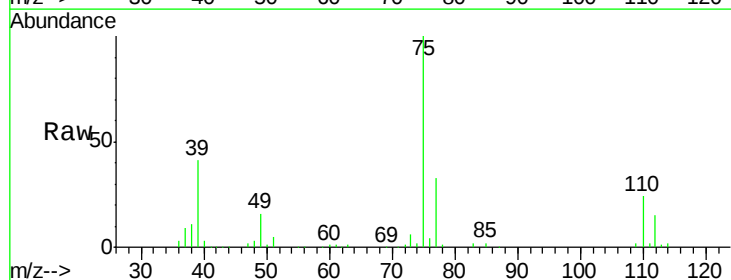
Tgt Ion: 75 Resp: 206130

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 40.9 35.6 53.4

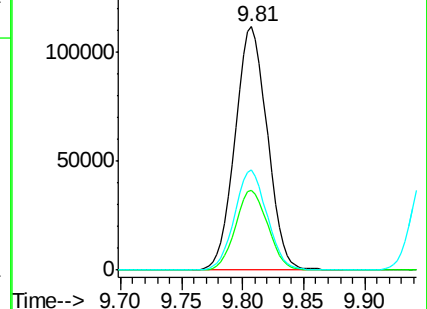
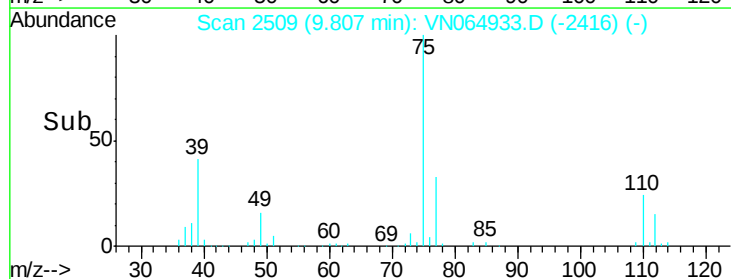


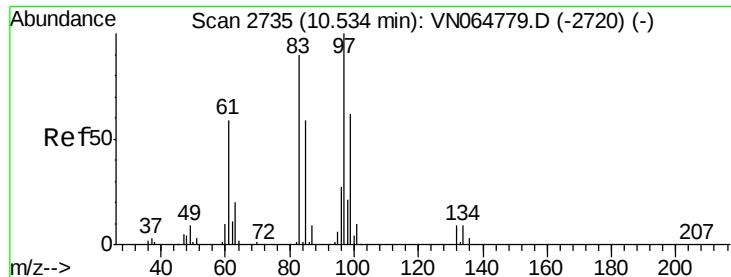
Abundance Ion 74.90 (74.60 to 75.60): VN064933.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN064933.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN064933.D (-2416) (-)

9.81



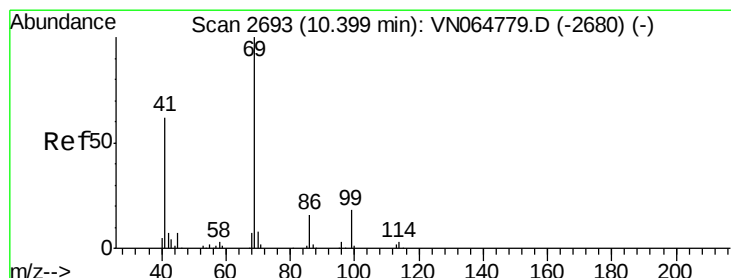
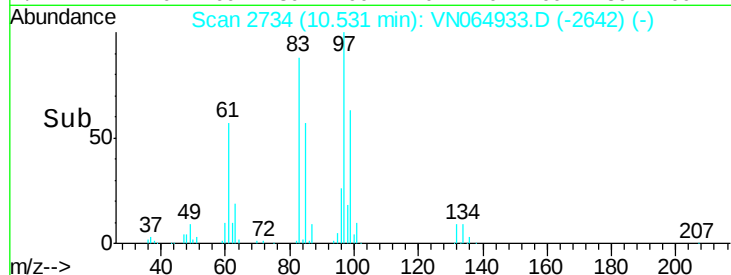
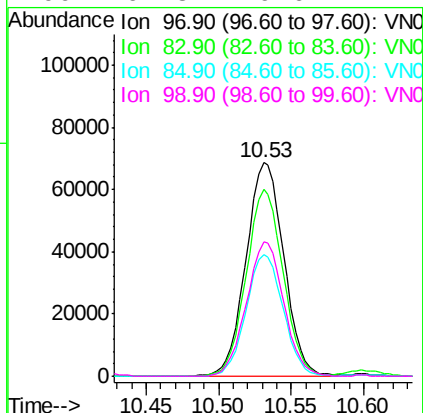
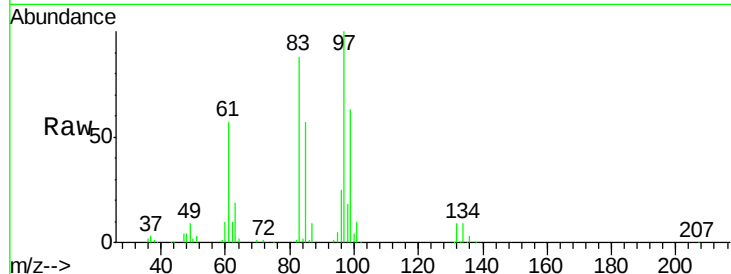


#55
 1,1,2-Trichloroethane
 Concen: 48.897 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 124988

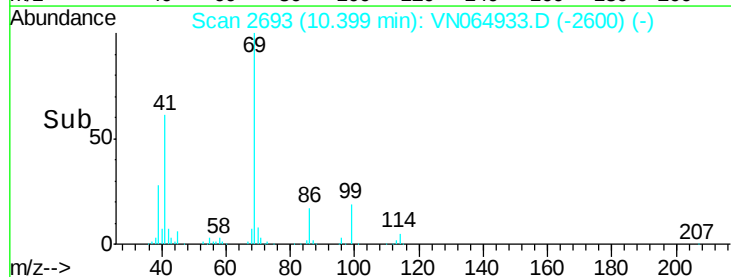
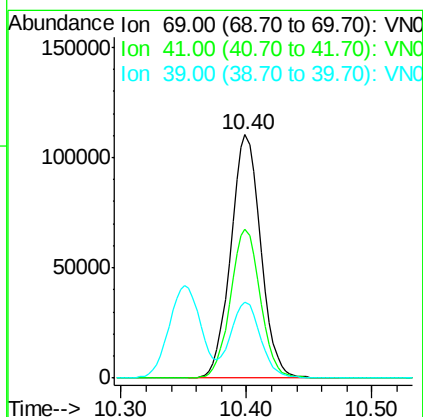
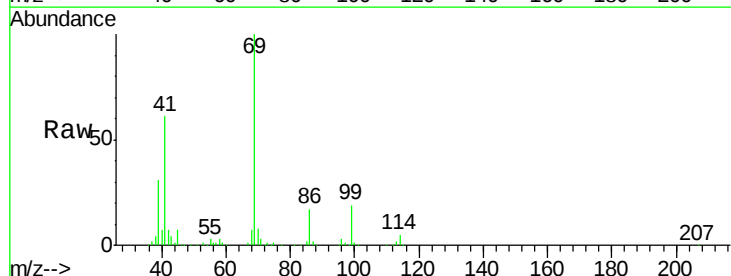
Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.1	108.1
85	56.8	46.8	70.2
99	62.8	49.6	74.4

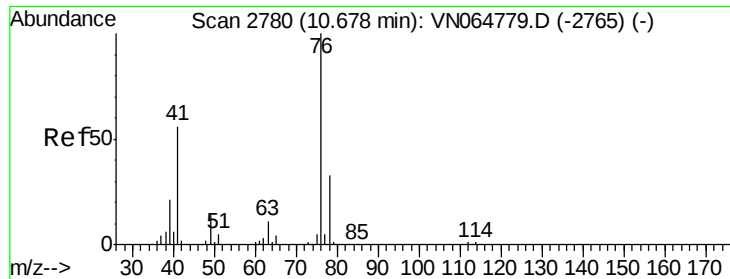


#56
 Ethyl methacrylate
 Concen: 51.923 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion: 69 Resp: 183153

Ion	Ratio	Lower	Upper
69	100		
41	60.5	49.4	74.0
39	31.1	25.9	38.9





#57

1,3-Dichloropropane

Concen: 49.213 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

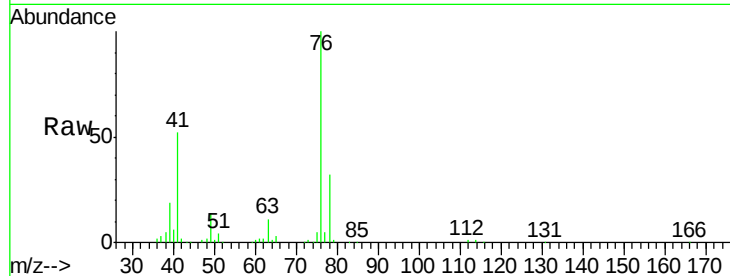
VSTDCCC050EC

Tot Ion: 76 Resp: 207511

Ion Ratio Lower Upper

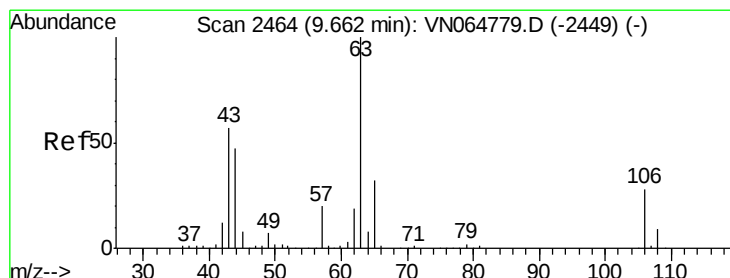
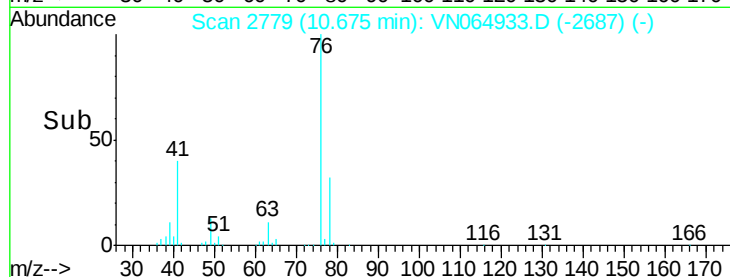
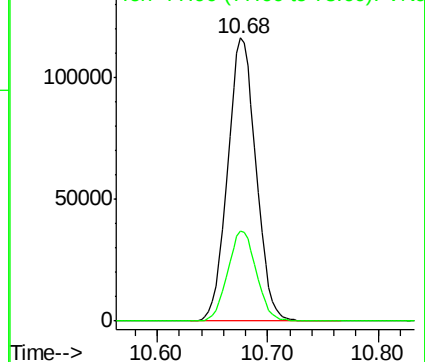
76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 244.147 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064933.D

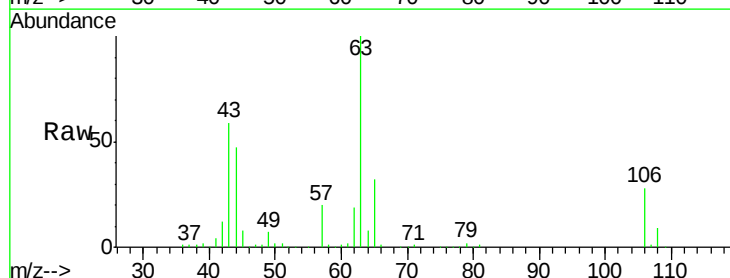
Acq: 4 Dec 2020 20:55

Tgt Ion: 63 Resp: 473719

Ion Ratio Lower Upper

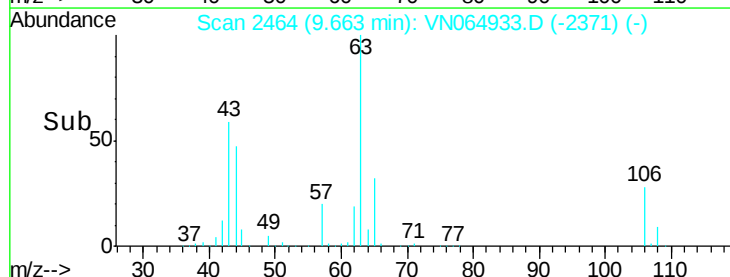
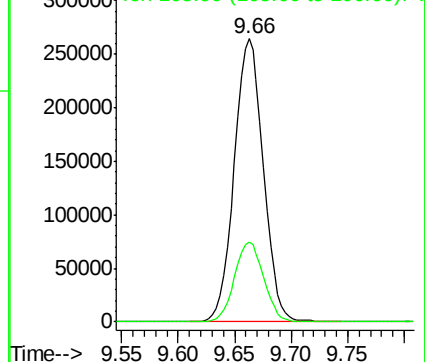
63 100

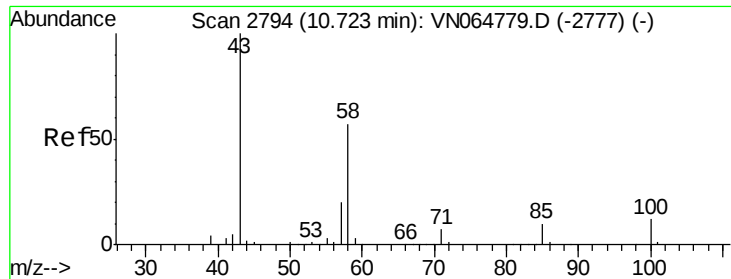
106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

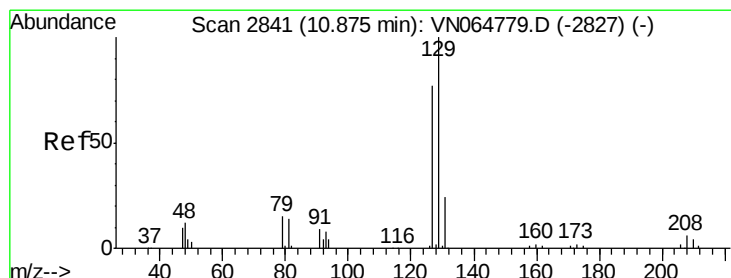
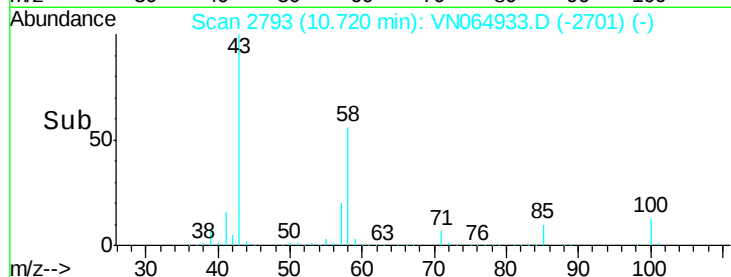
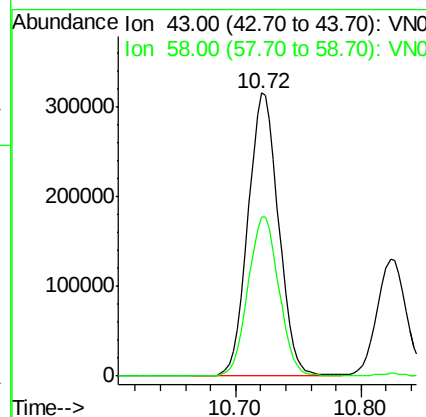
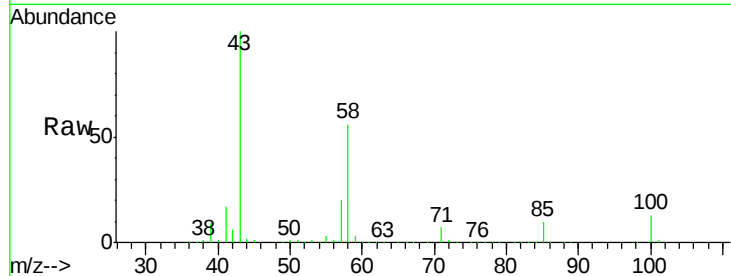




#59
2-Hexanone
Concen: 242.872 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

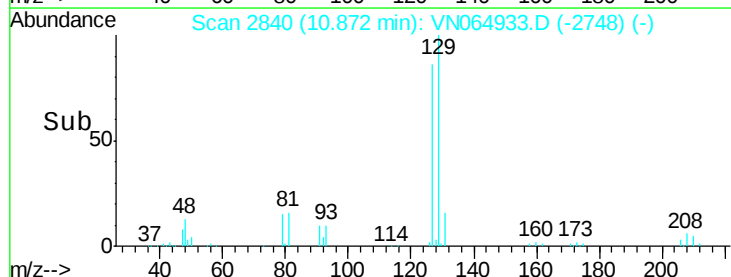
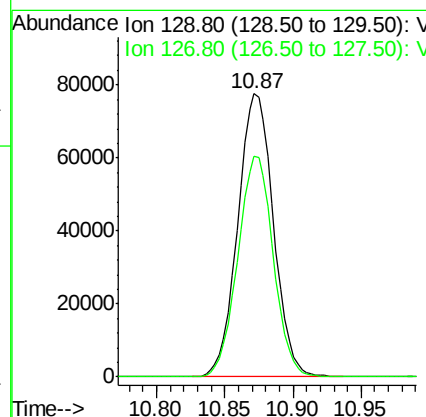
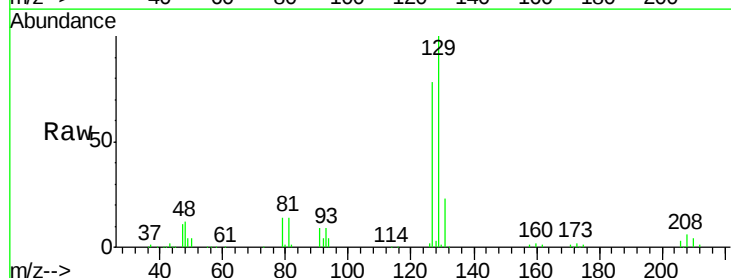
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 535763
Ion Ratio Lower Upper
43 100
58 57.0 28.3 84.9



#60
Dibromochloromethane
Concen: 49.480 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 129 Resp: 140591
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

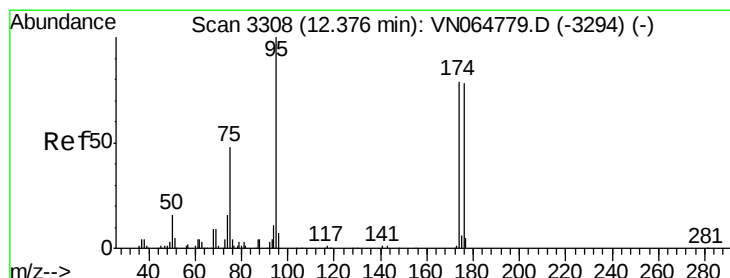
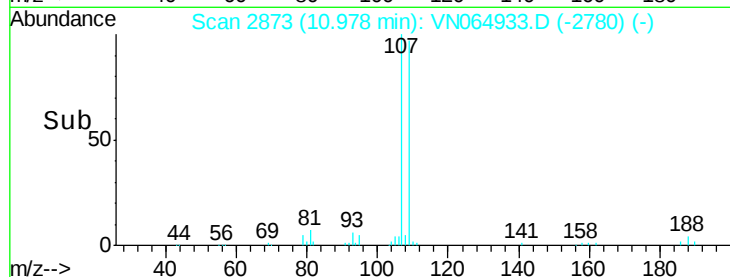
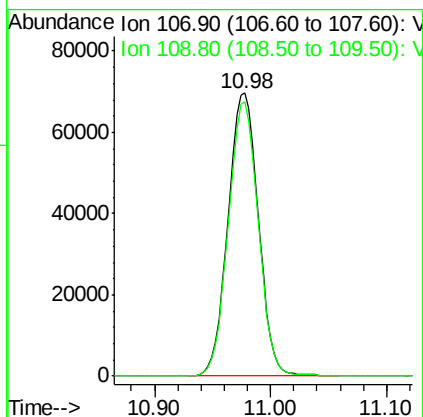
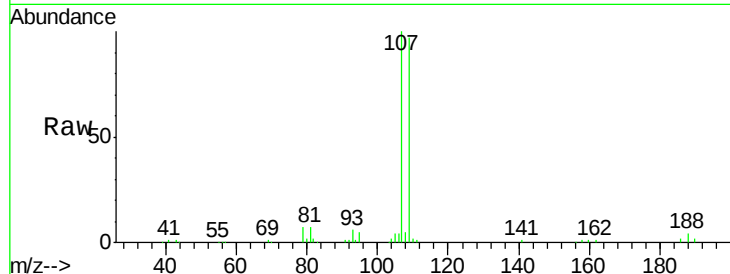




#61
 1,2-Dibromoethane
 Concen: 48.389 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

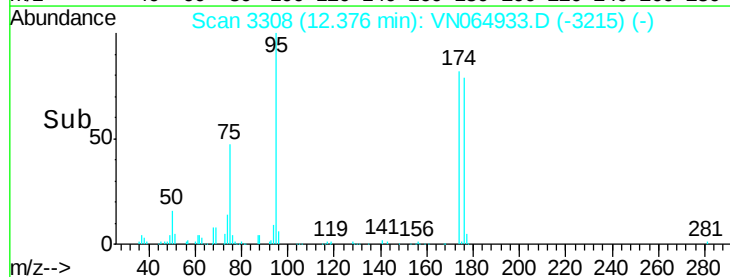
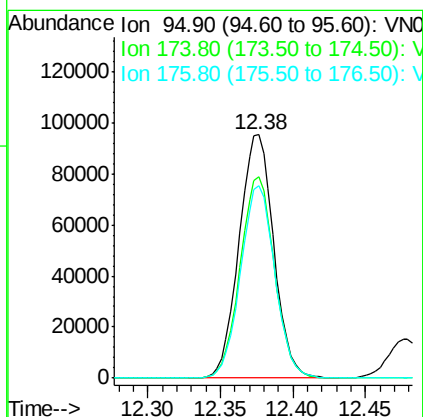
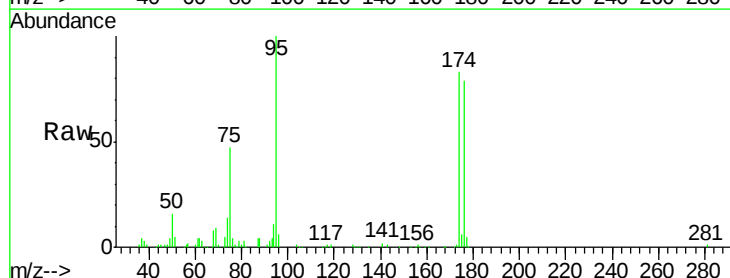
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

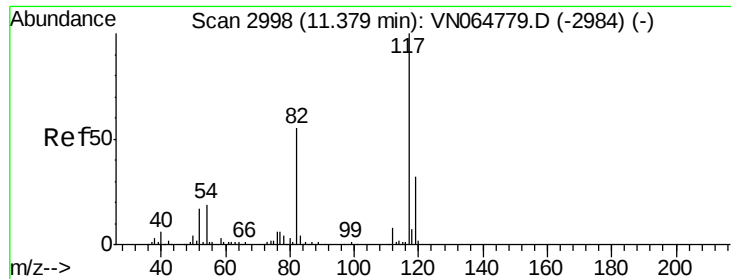
Tot Ion: 107 Resp: 125665
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.035 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion: 95 Resp: 158687
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 160.4
 176 78.2 0.0 158.4

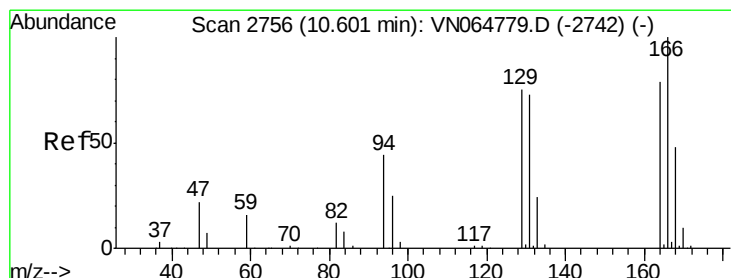
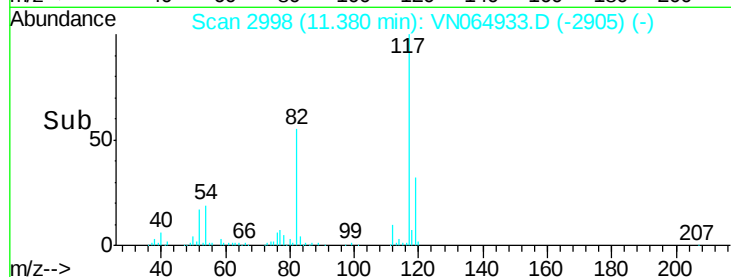
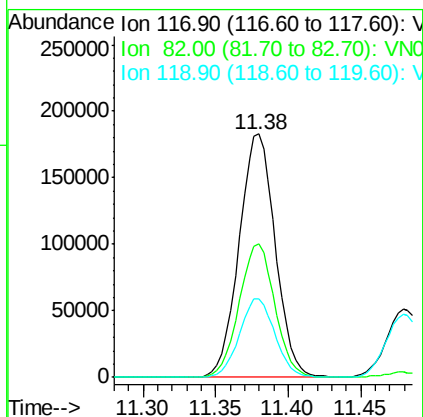
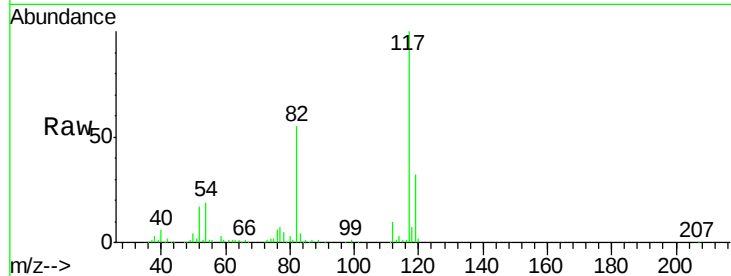




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

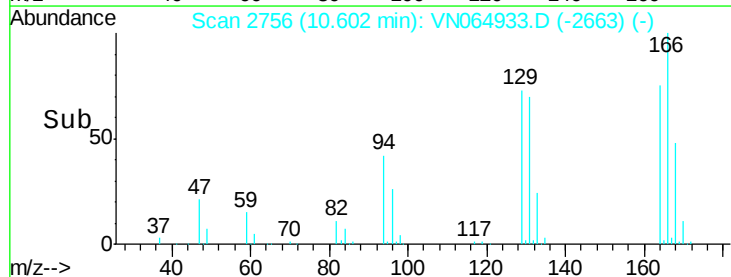
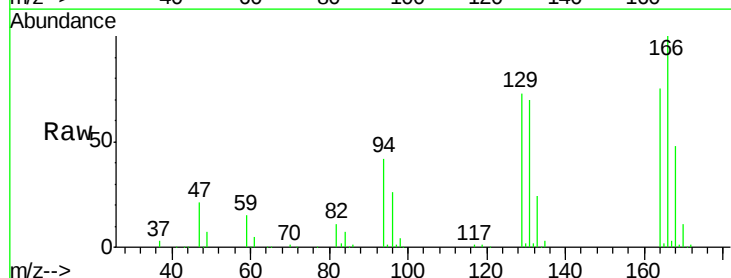
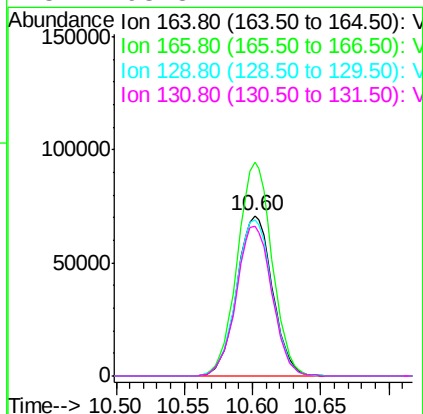
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

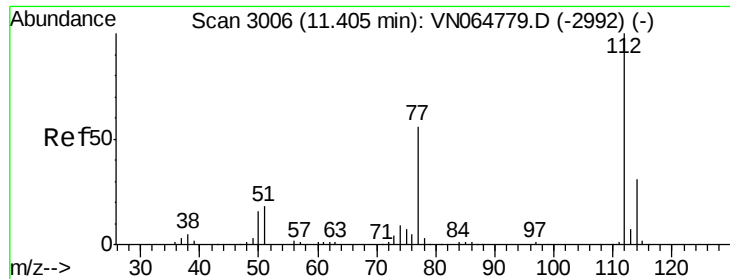
Tot Ion:117 Resp: 317315
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 41.455 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion:164 Resp: 127979
Ion Ratio Lower Upper
164 100
166 133.2 101.4 152.0
129 97.6 76.1 114.1
131 93.8 74.2 111.2

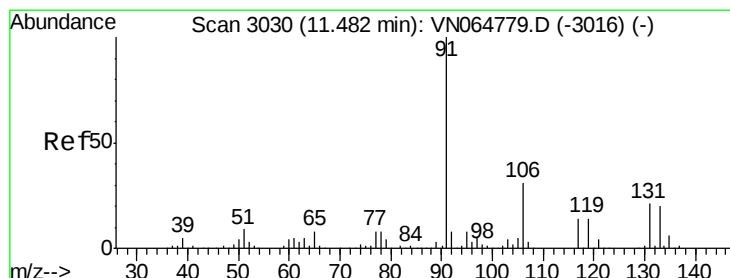
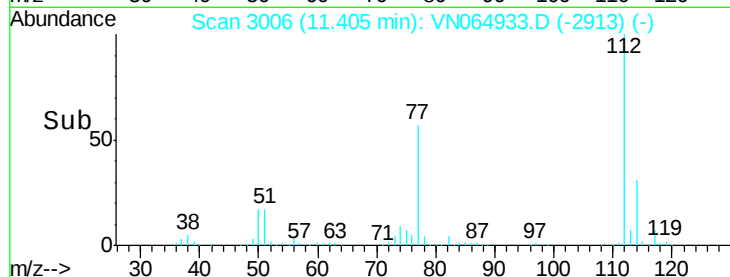
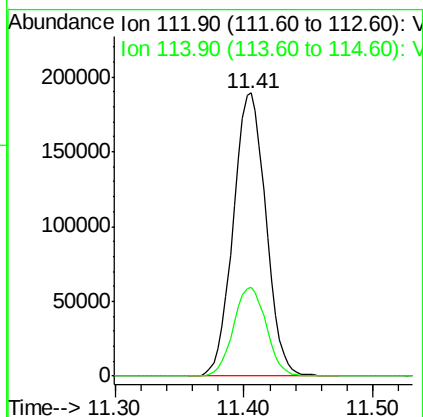
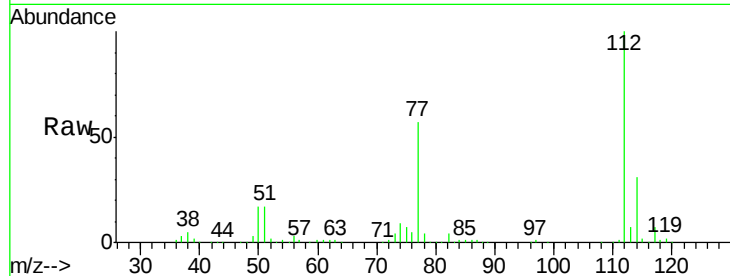




#65
Chlorobenzene
Concen: 48.790 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

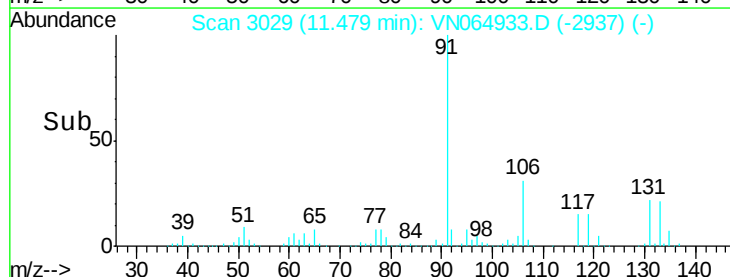
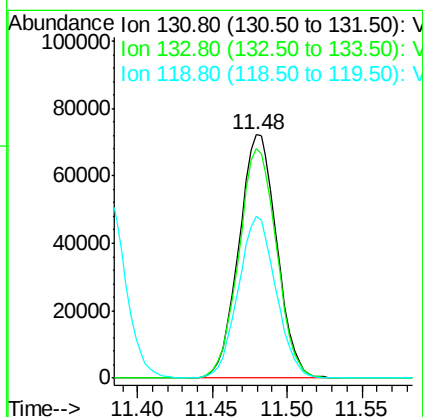
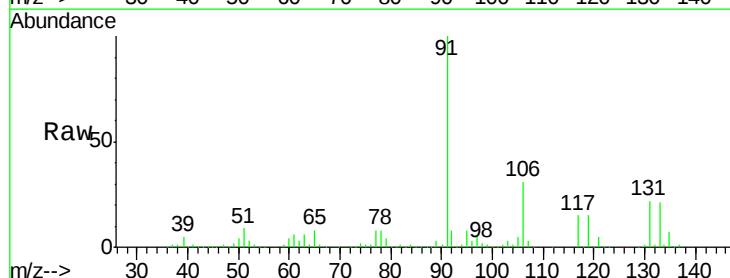
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 332464
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.905 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion:131 Resp: 127480
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 65.9 33.3 99.8

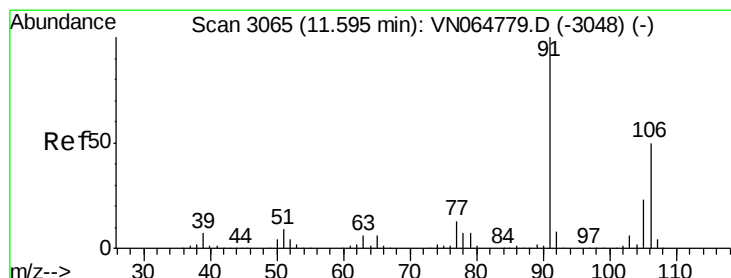
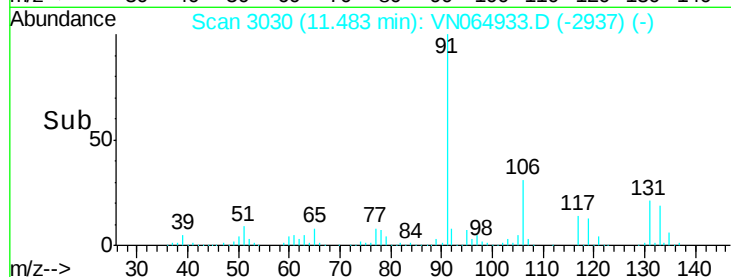
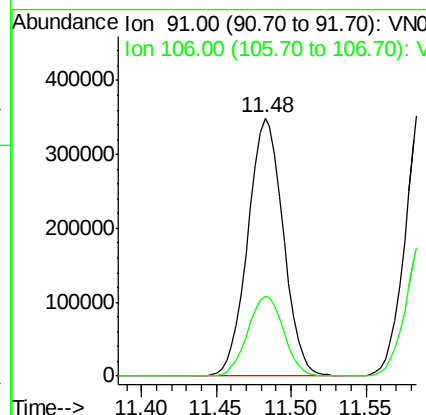
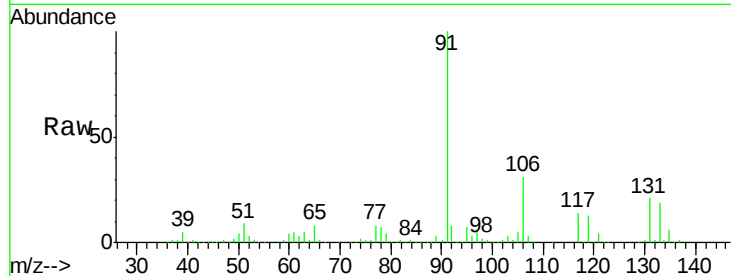




#67
Ethyl Benzene
Concen: 50.659 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

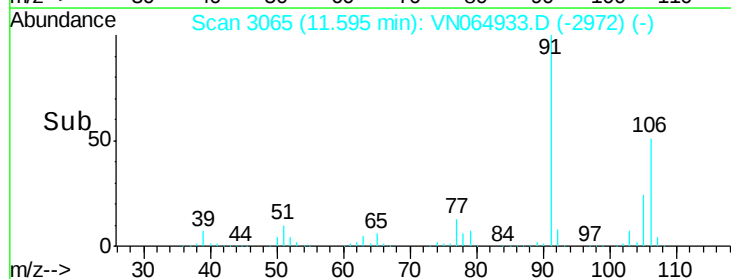
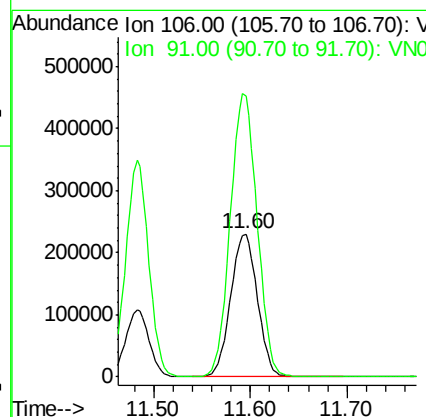
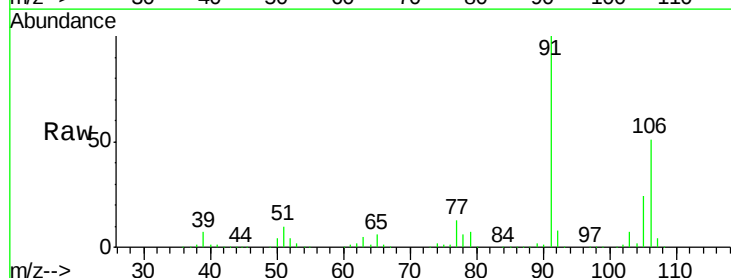
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

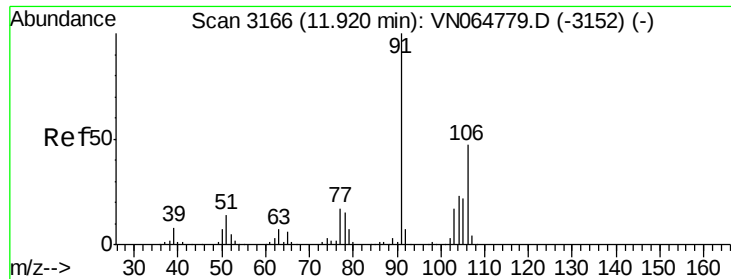
Tot Ion: 91 Resp: 576686
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 102.429 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 106 Resp: 441462
Ion Ratio Lower Upper
106 100
91 199.6 161.0 241.4

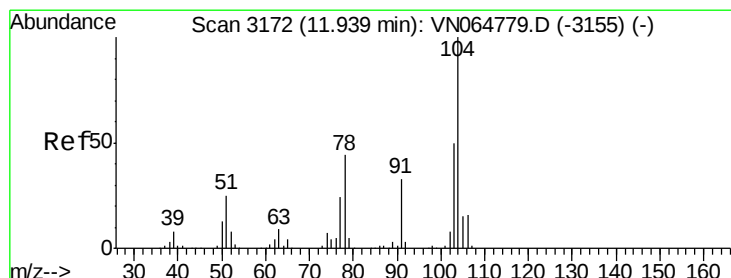
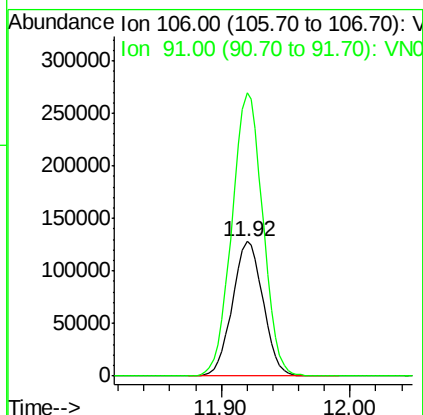
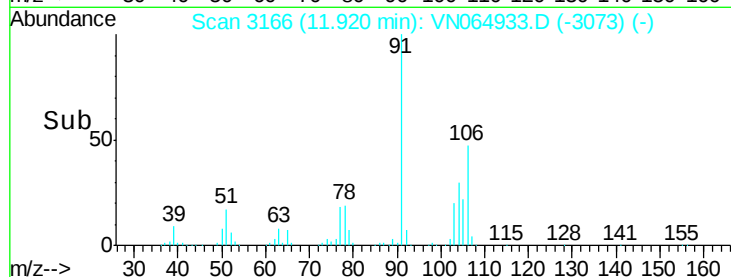
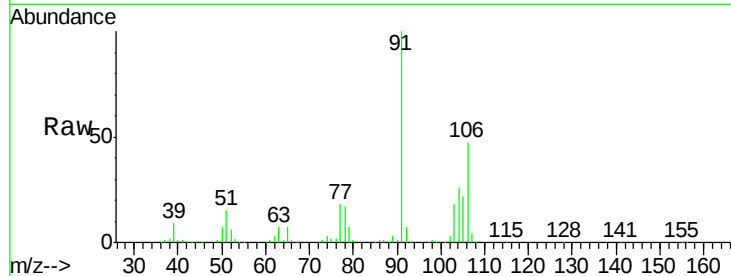




#69
o-Xylene
Concen: 51.920 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

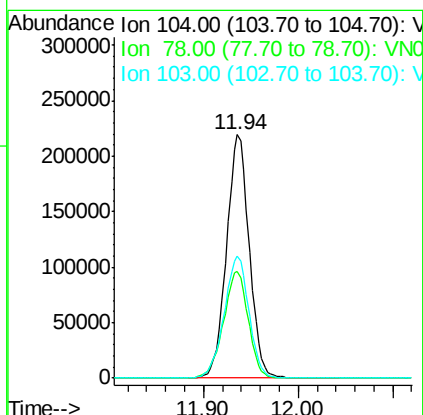
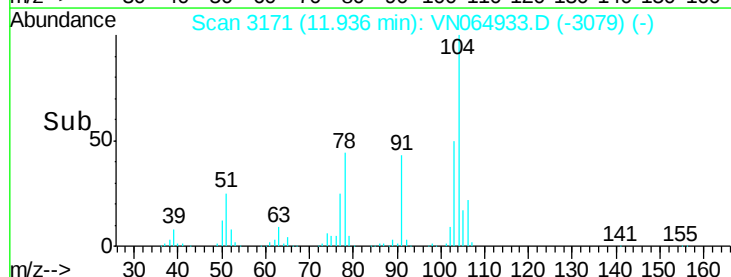
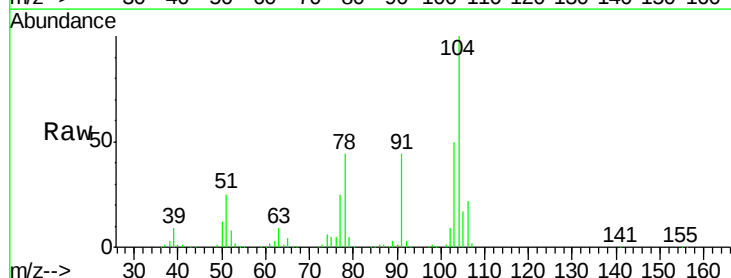
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

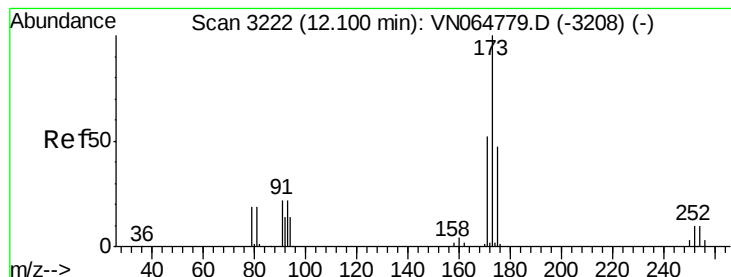
Tot Ion:106 Resp: 212347
Ion Ratio Lower Upper
106 100
91 211.3 105.5 316.5



#70
Styrene
Concen: 52.937 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion:104 Resp: 365503
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.6
103 54.6 44.3 66.5





#71

Bromoform

Concen: 49.146 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

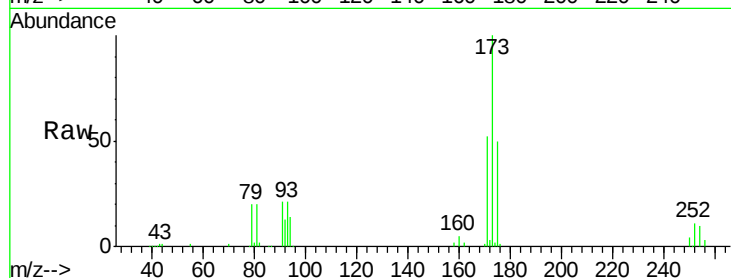
Tot Ion:173 Resp: 98300

Ion Ratio Lower Upper

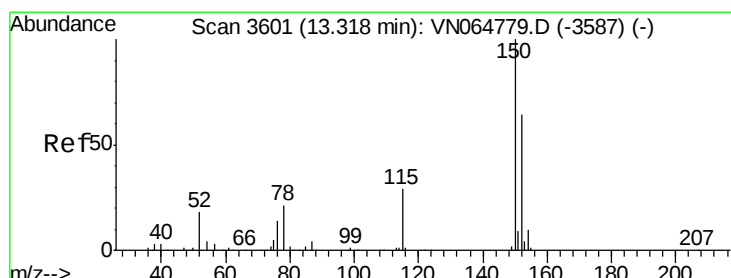
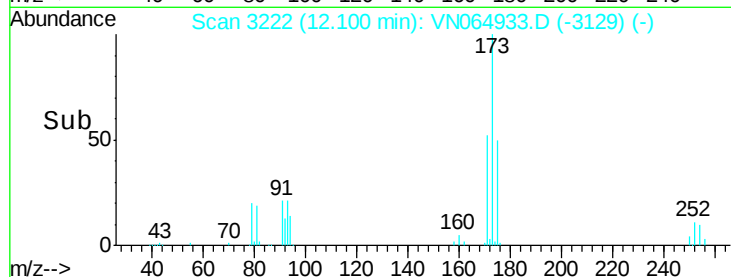
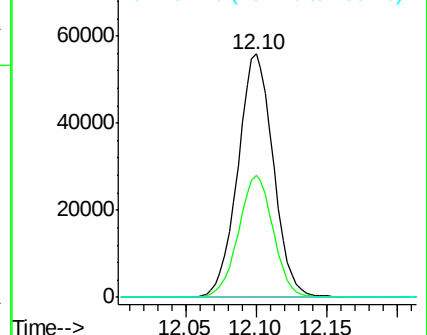
173 100

175 48.9 24.3 72.8

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# 3600

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

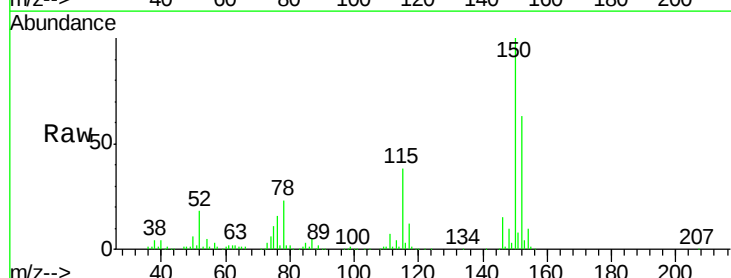
Tgt Ion:152 Resp: 154198

Ion Ratio Lower Upper

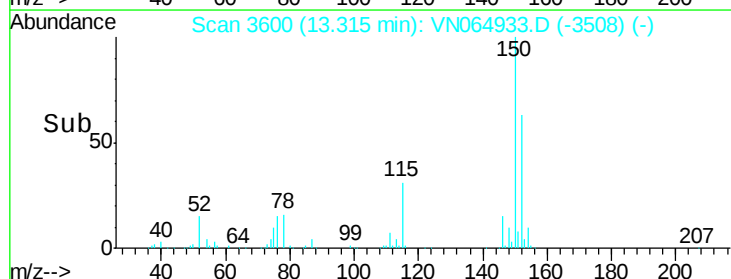
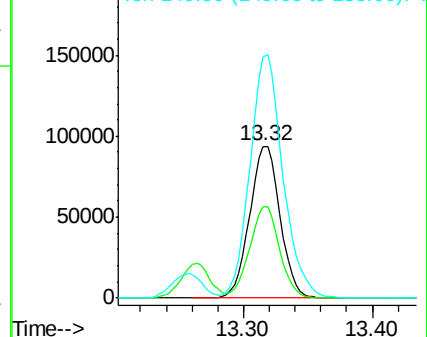
152 100

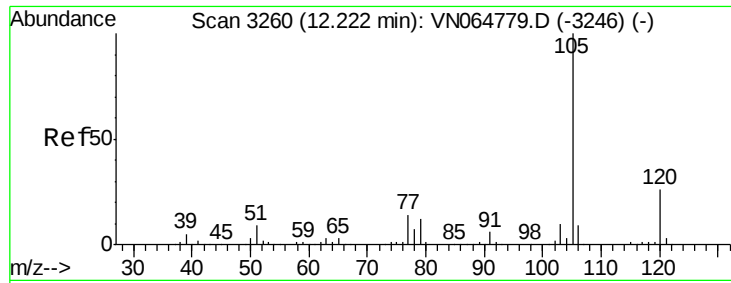
115 58.8 29.7 89.1

150 172.9 0.0 350.6



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: 52.047 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

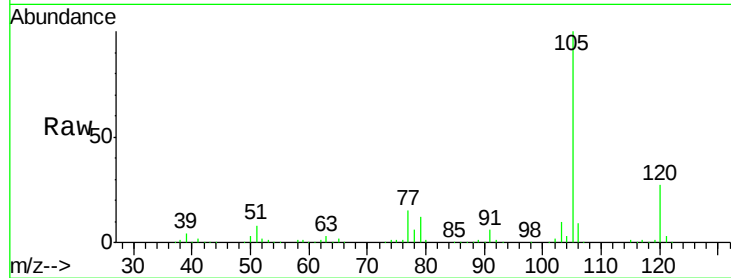
VSTDCCC050EC

Tot Ion:105 Resp: 558238

Ion Ratio Lower Upper

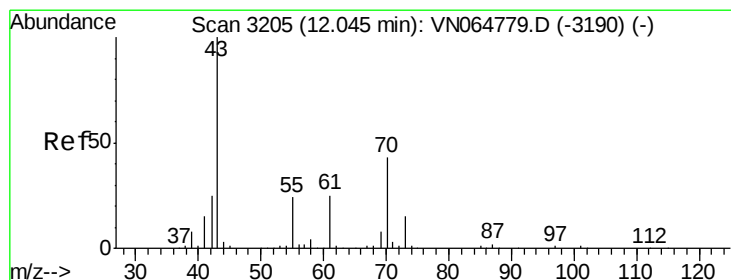
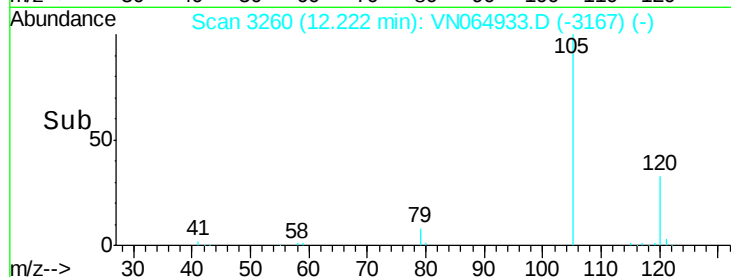
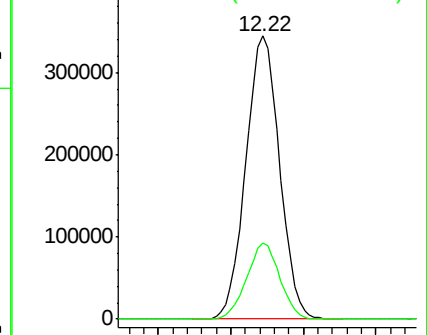
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.645 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Tgt Ion: 43 Resp: 217988

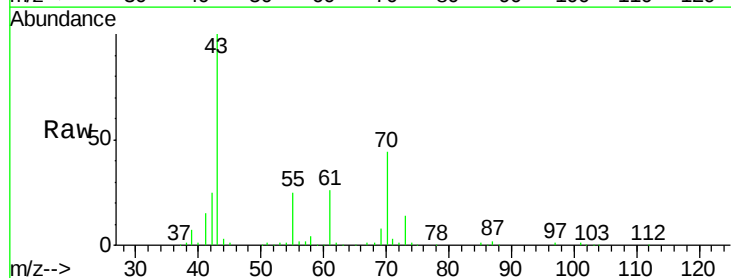
Ion Ratio Lower Upper

43 100

70 44.5 34.5 51.7

55 25.0 20.4 30.6

61 25.8 20.0 30.0

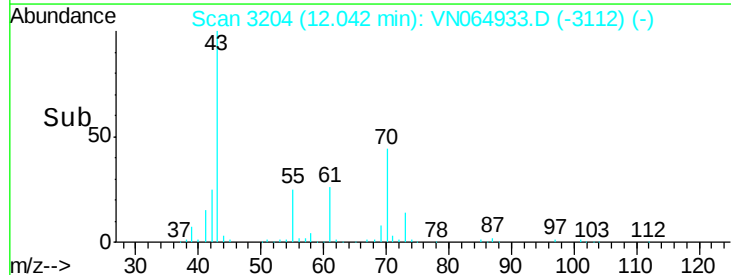
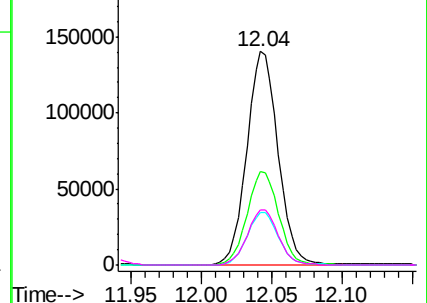


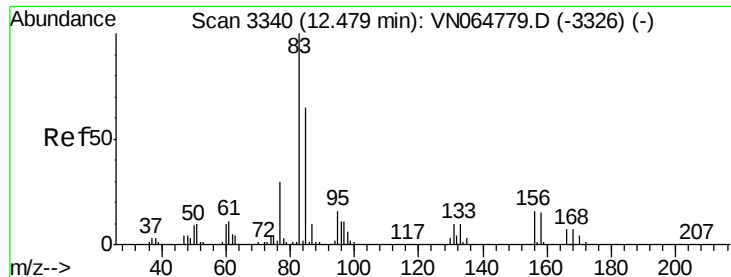
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.153 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

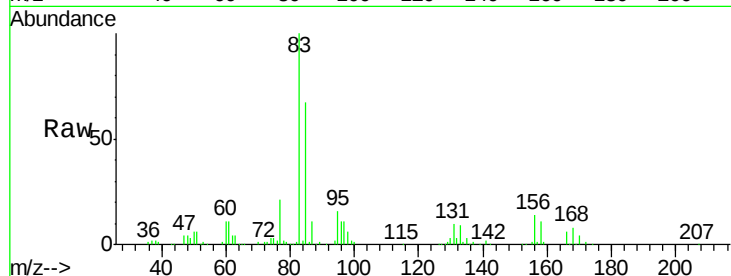
Tot Ion: 83 Resp: 163952

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 65.6 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)

12.48

100000

80000

60000

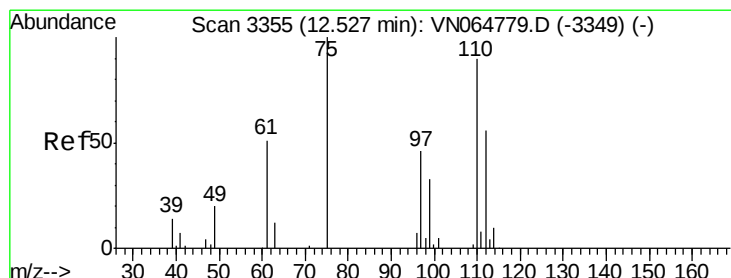
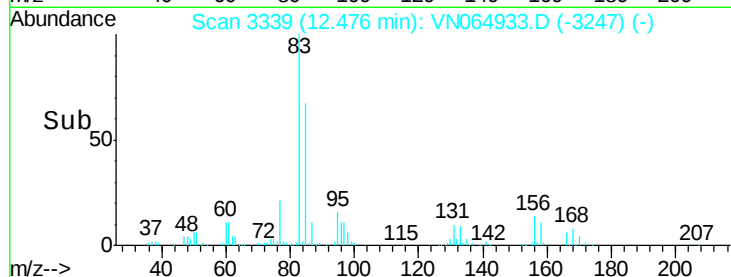
40000

20000

0

12.40 12.45 12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 67.113 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064933.D

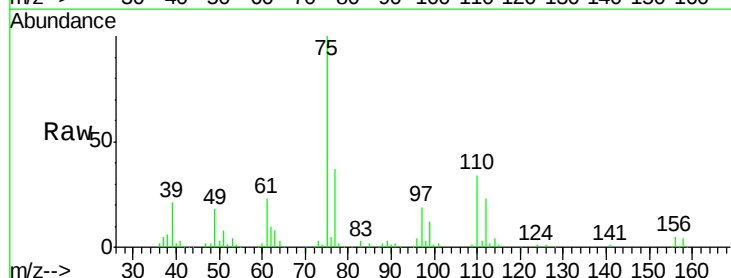
Acq: 4 Dec 2020 20:55

Tgt Ion: 75 Resp: 222869

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)

12.53

150000

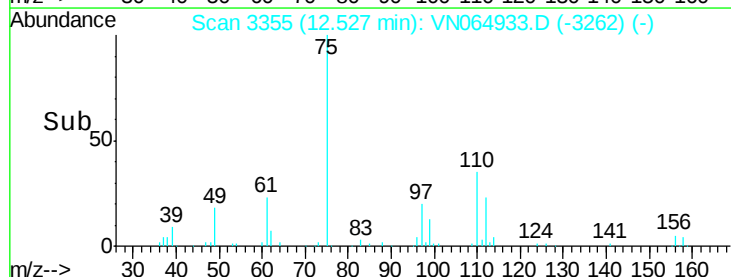
100000

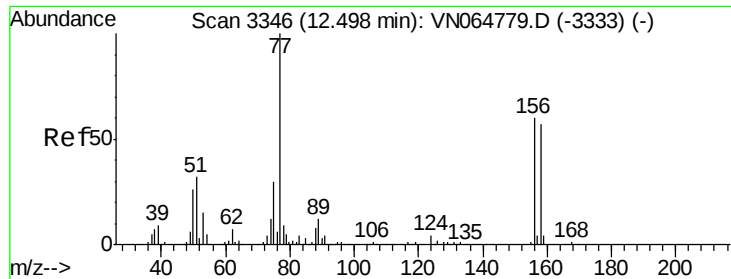
50000

0

12.40 12.50 12.60

Time-->





#77

Bromobenzene

Concen: 50.470 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

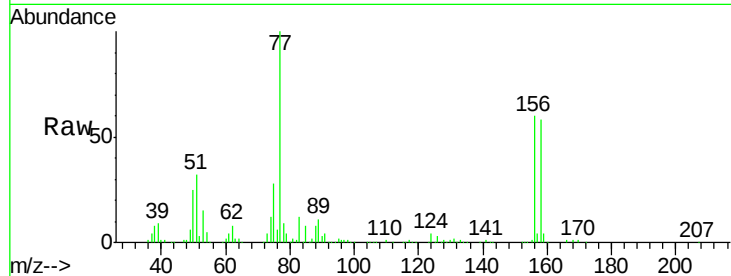
Tot Ion:156 Resp: 145938

Ion Ratio Lower Upper

156 100

77 200.9 101.3 303.7

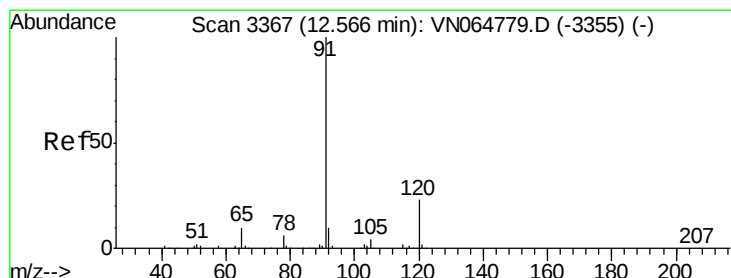
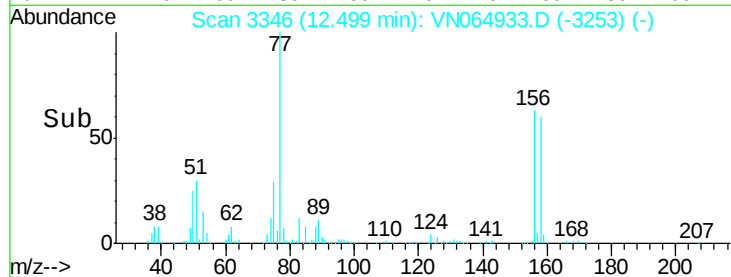
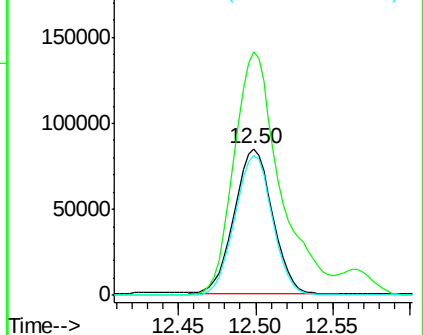
158 94.6 48.2 144.6



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: 50.931 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064933.D

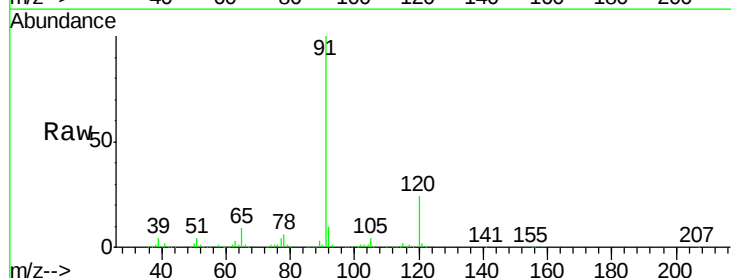
Acq: 4 Dec 2020 20:55

Tgt Ion: 91 Resp: 622298

Ion Ratio Lower Upper

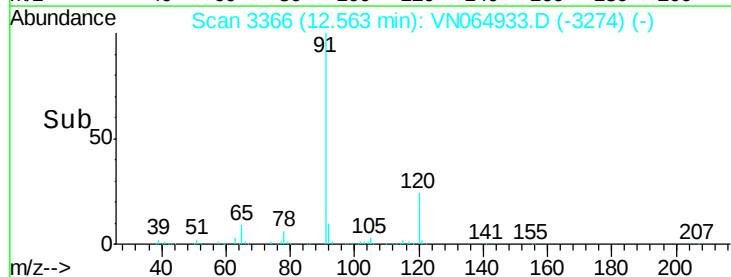
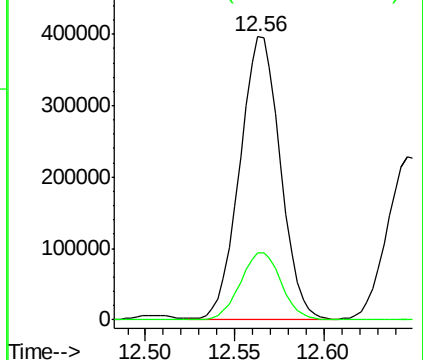
91 100

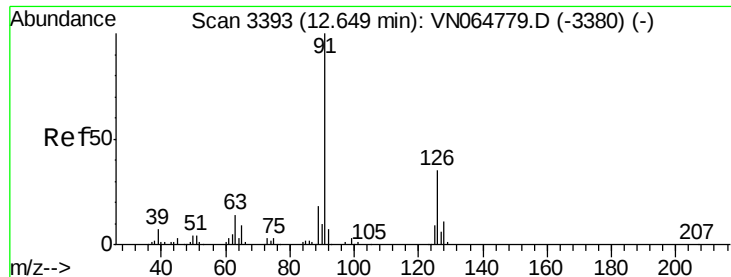
120 24.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.074 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

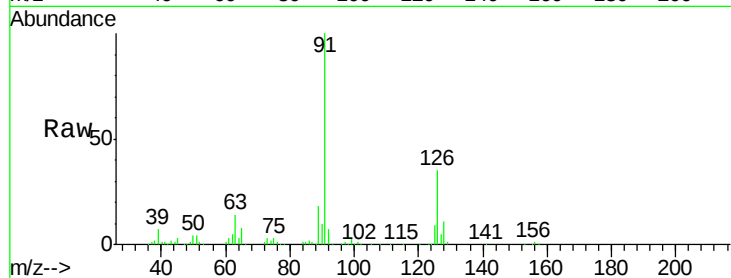
VSTDCCC050EC

Tot Ion: 91 Resp: 378202

Ion Ratio Lower Upper

91 100

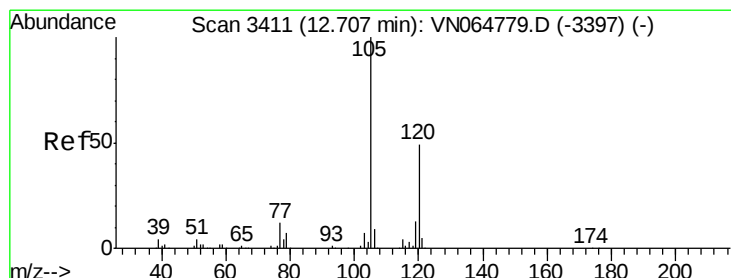
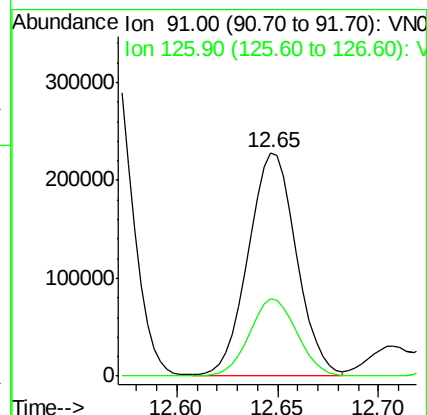
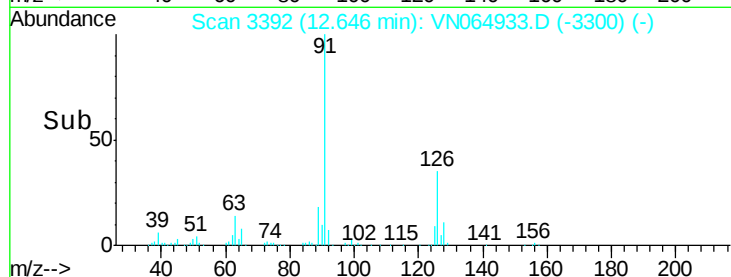
126 34.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.230 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064933.D

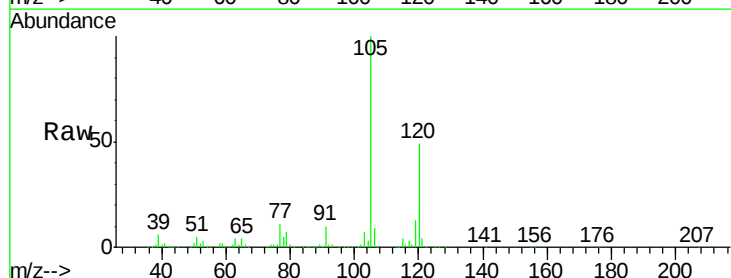
Acq: 4 Dec 2020 20:55

Tgt Ion: 105 Resp: 474542

Ion Ratio Lower Upper

105 100

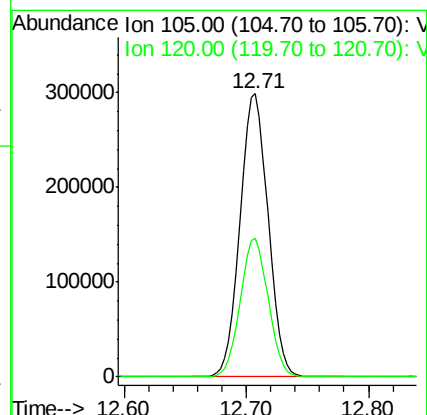
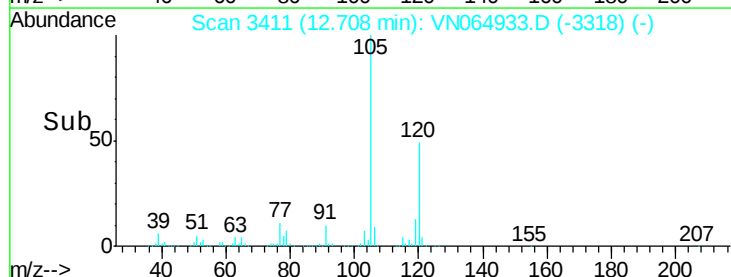
120 49.1 24.6 73.6

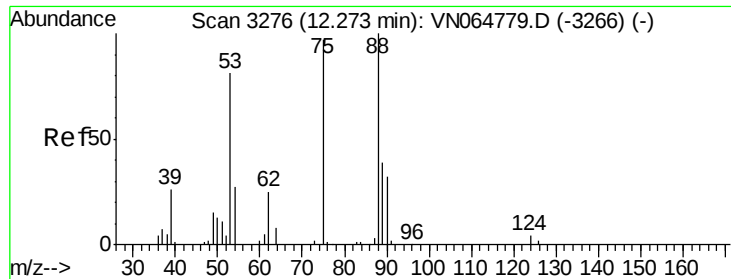


Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)

Time-->

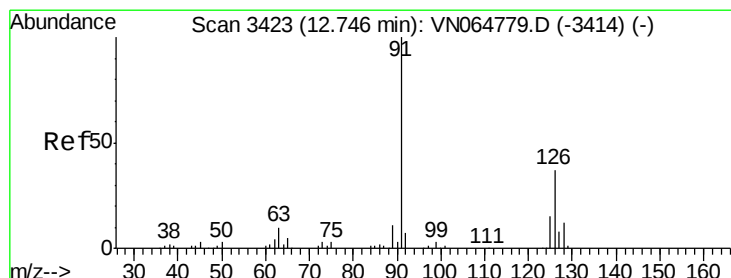
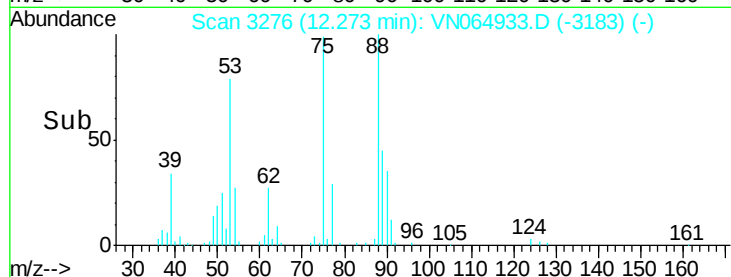
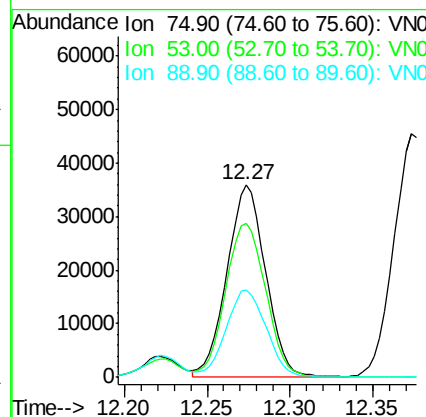
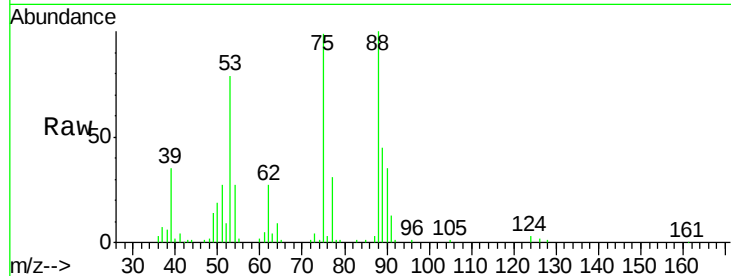




#81
trans-1,4-Dichloro-2-butene
Concen: 48.360 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

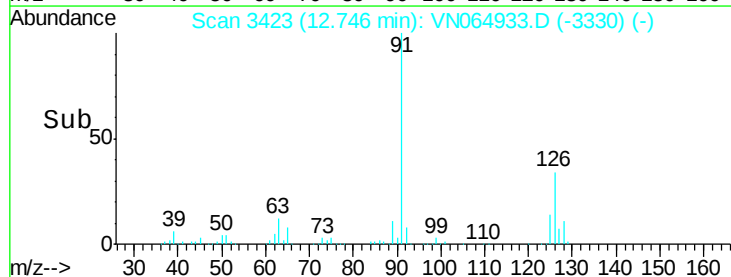
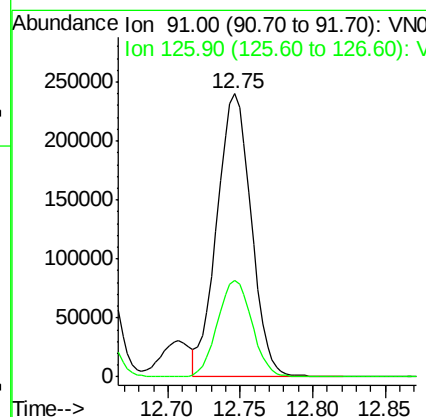
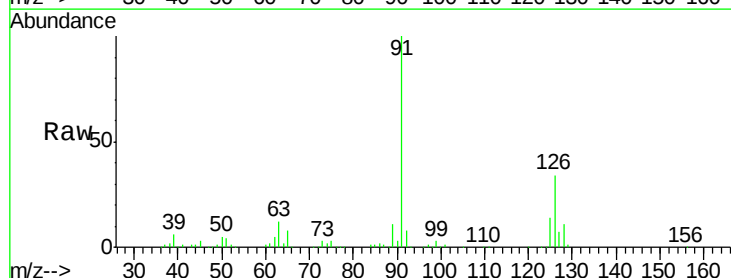
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

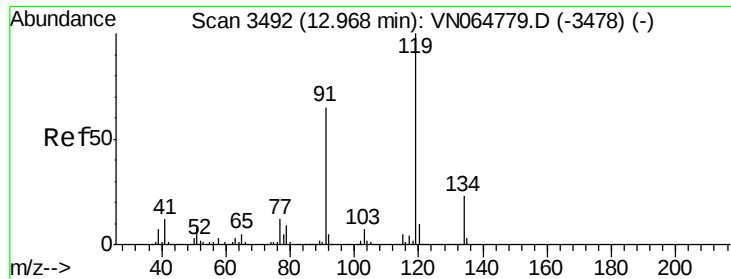
Tot Ion: 75 Resp: 58594
Ion Ratio Lower Upper
75 100
53 81.5 67.0 100.4
89 46.7 39.6 59.4



#82
4-Chlorotoluene
Concen: 49.617 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 91 Resp: 392803
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

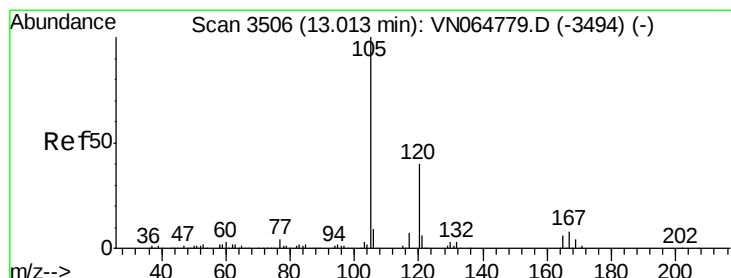
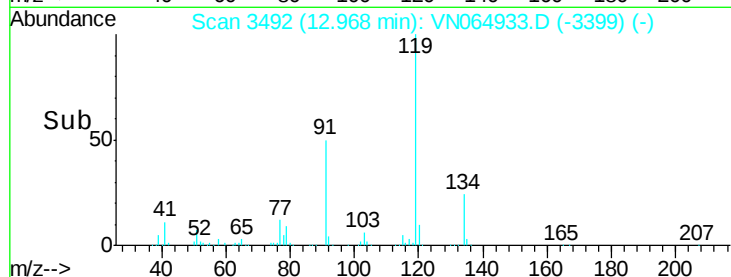
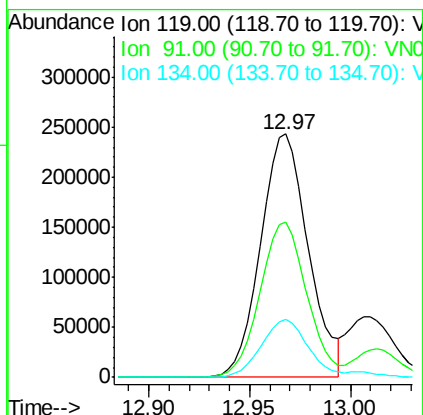
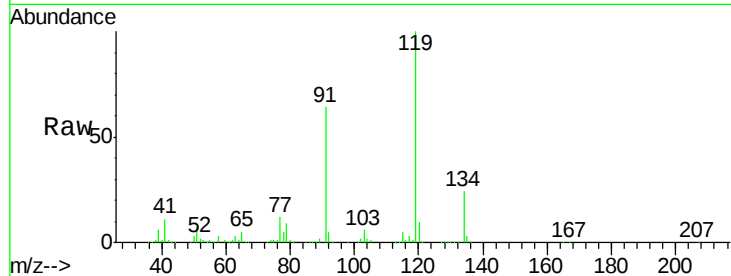




#83
tert-Butylbenzene
Concen: 53.543 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

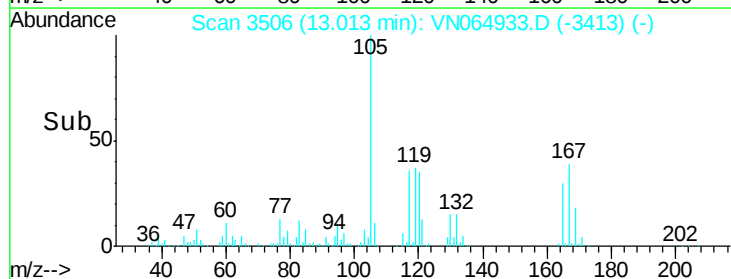
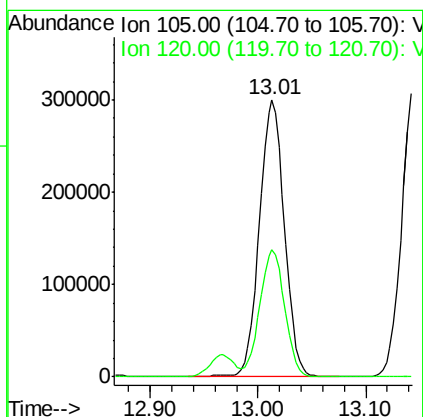
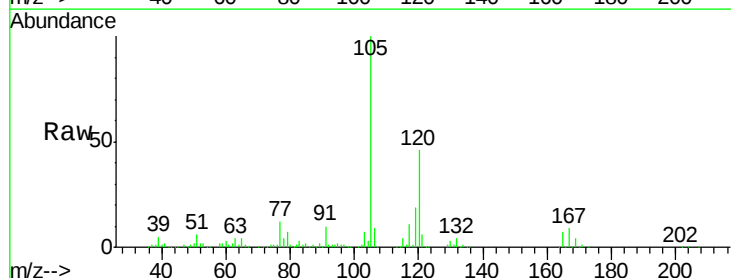
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

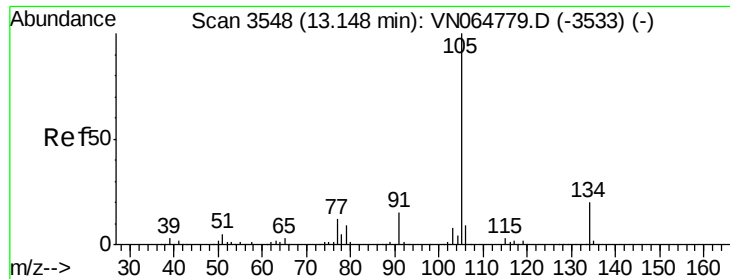
Tot Ion:119 Resp: 400098
Ion Ratio Lower Upper
119 100
91 62.3 32.3 96.8
134 23.3 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 53.445 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion:105 Resp: 481739
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.066 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

Instrument :

MSVOA_N

ClientSampleId :

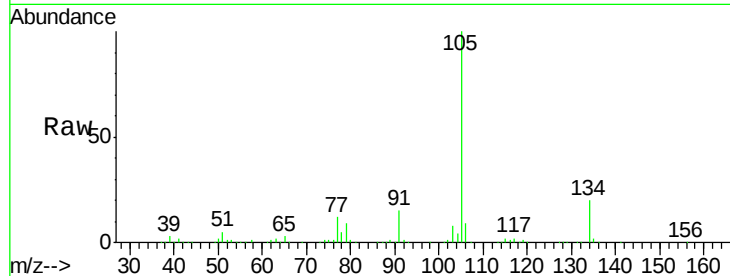
VSTDCCC050EC

Tot Ion:105 Resp: 506652

Ion Ratio Lower Upper

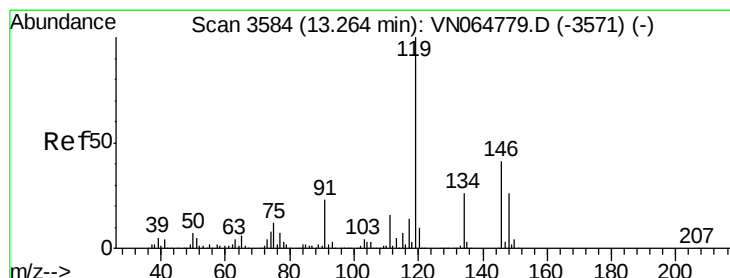
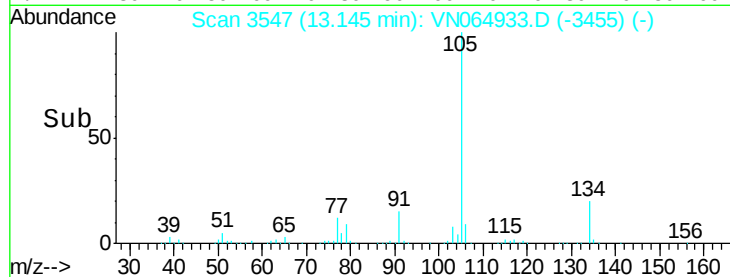
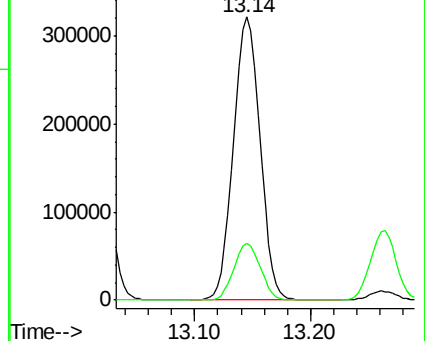
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.722 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064933.D

Acq: 4 Dec 2020 20:55

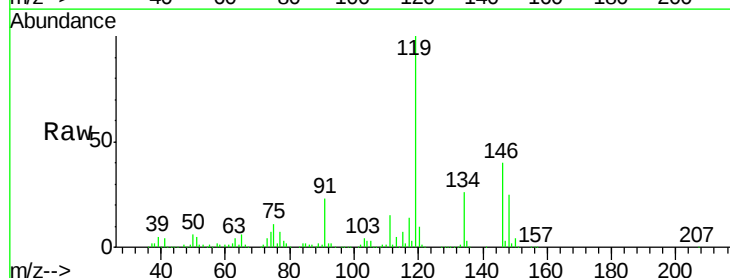
Tgt Ion:119 Resp: 467197

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

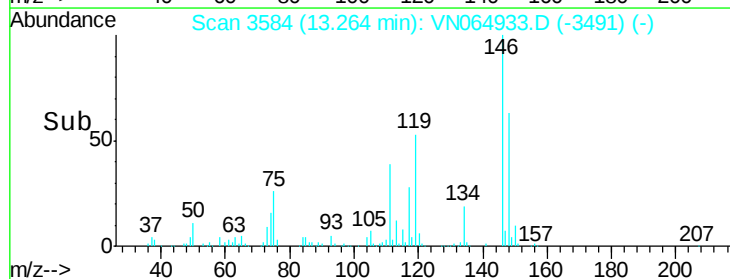
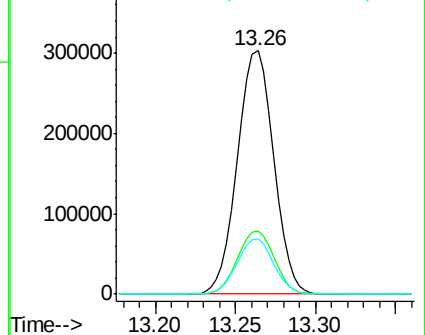
91 22.7 11.5 34.5

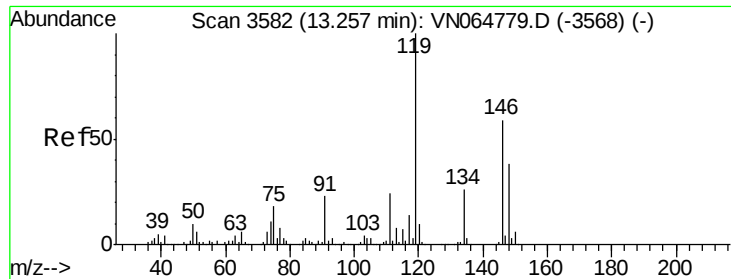


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

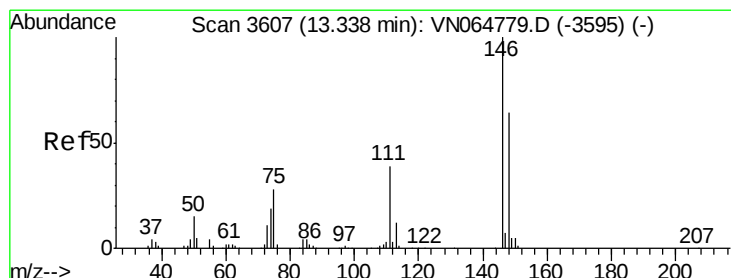
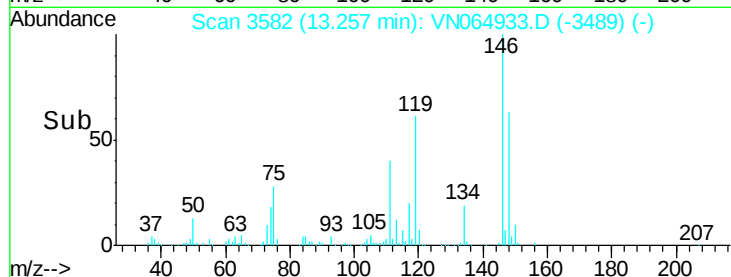
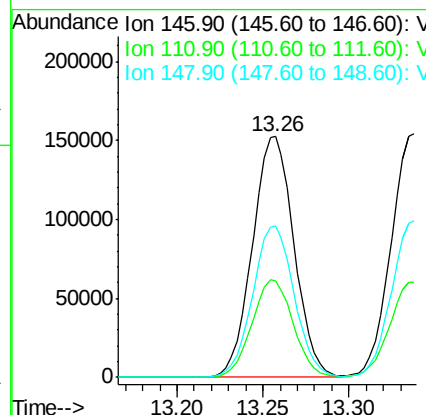
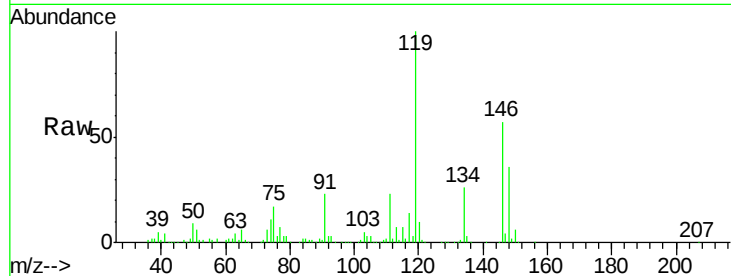




#87
 1,3-Dichlorobenzene
 Concen: 49.730 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

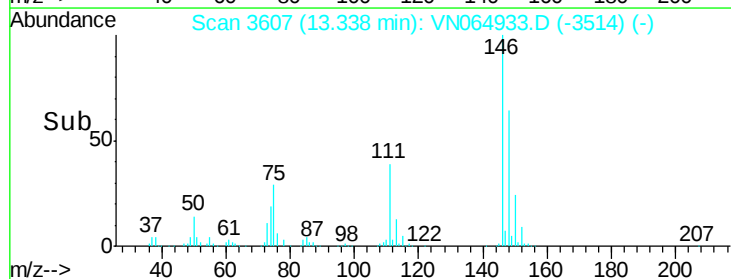
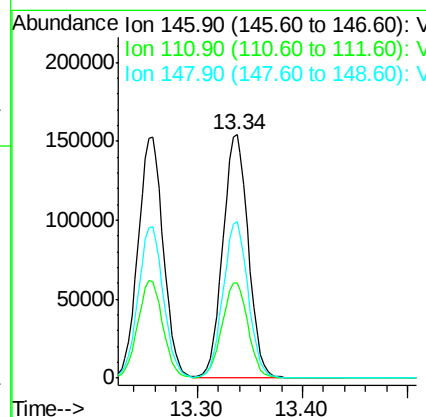
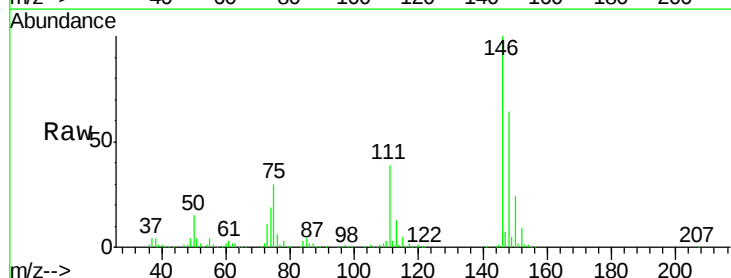
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

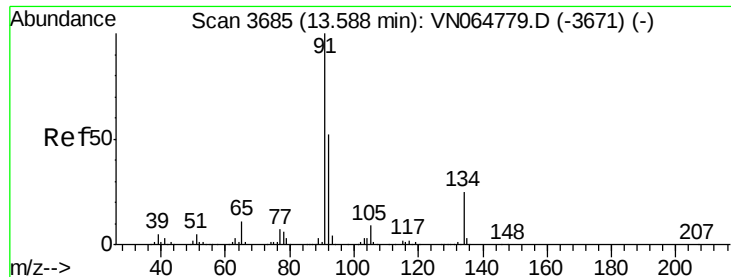
Tot Ion:146 Resp: 255481
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 62.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.479 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion:146 Resp: 257954
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 63.5 31.9 95.5

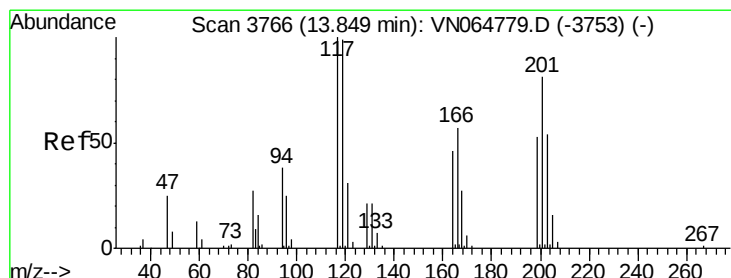
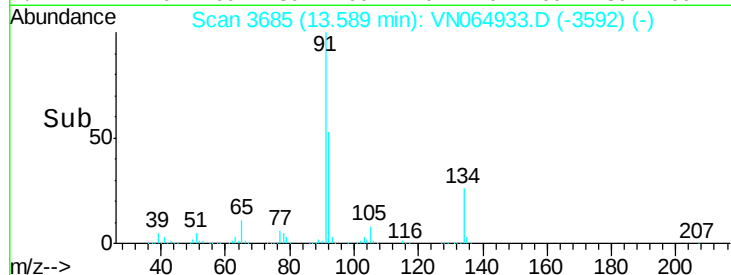
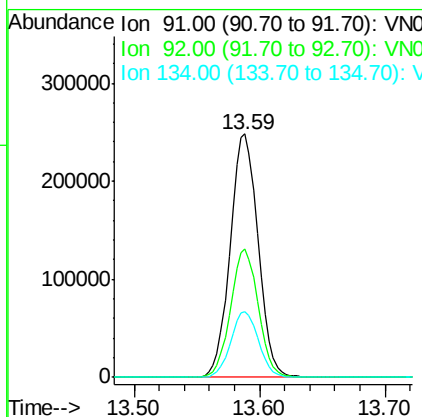
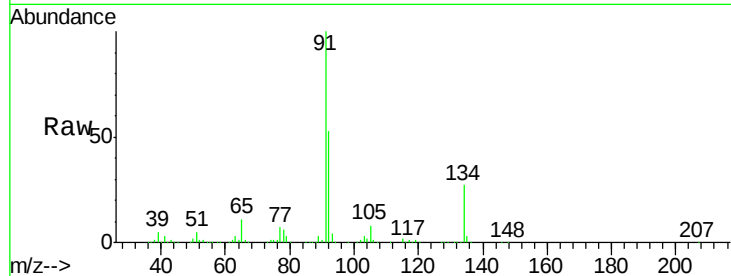




#89
n-Butylbenzene
Concen: 48.548 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

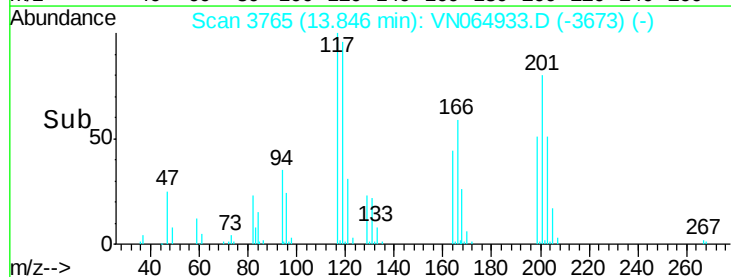
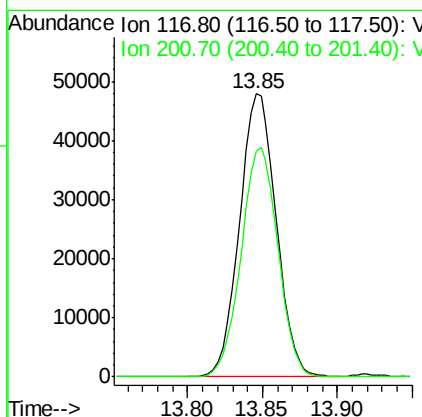
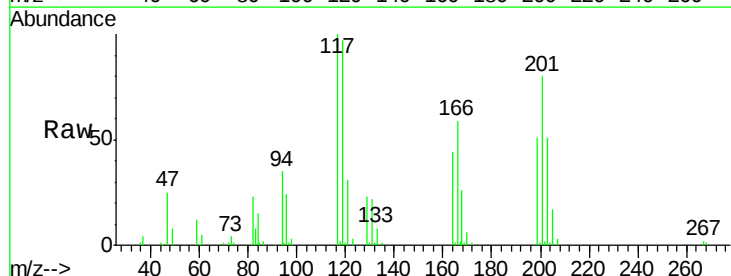
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

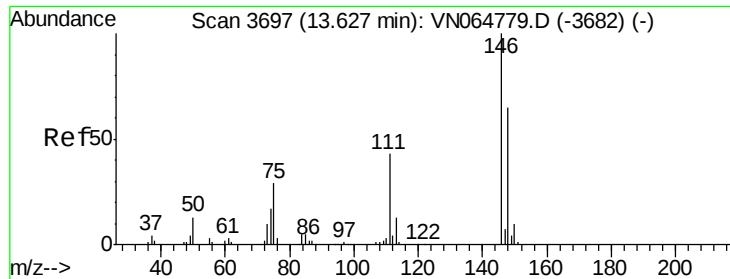
Tot Ion: 91 Resp: 385109
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 26.7 12.9 38.6



#90
Hexachloroethane
Concen: 52.064 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion: 117 Resp: 81698
Ion Ratio Lower Upper
117 100
201 81.3 40.1 120.3

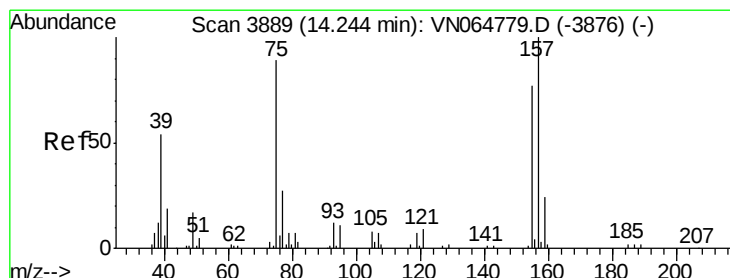
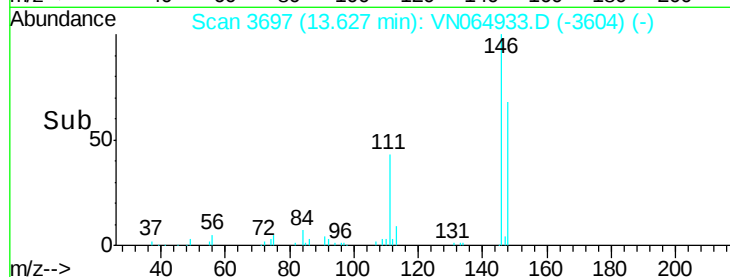
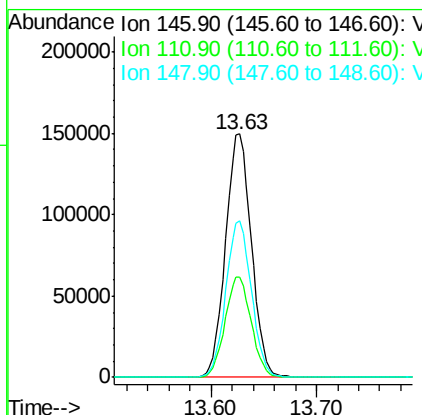
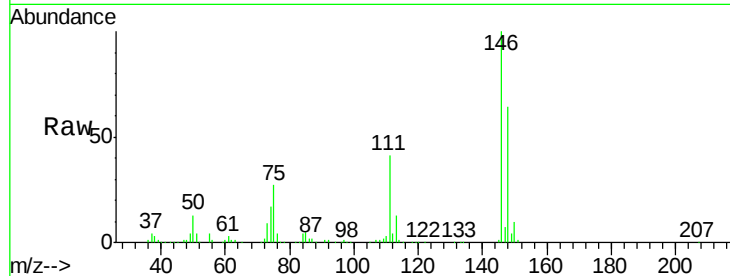




#91
 1,2-Dichlorobenzene
 Concen: 50.396 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

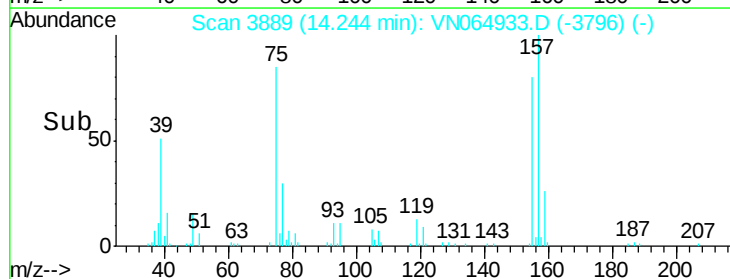
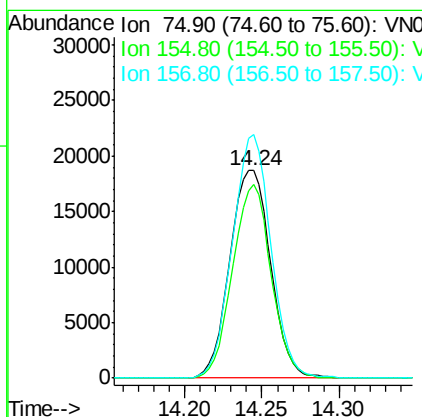
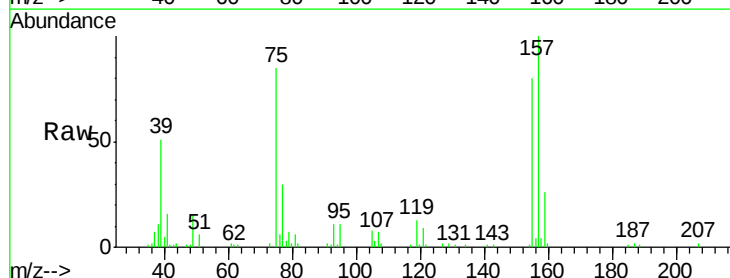
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

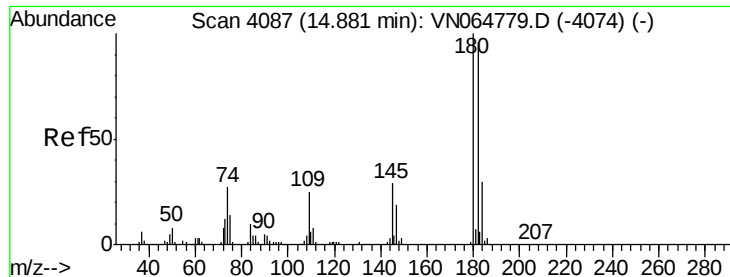
Tot Ion:146 Resp: 254218
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.1
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.476 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion: 75 Resp: 34290
 Ion Ratio Lower Upper
 75 100
 155 87.8 42.8 128.3
 157 110.7 56.4 169.1

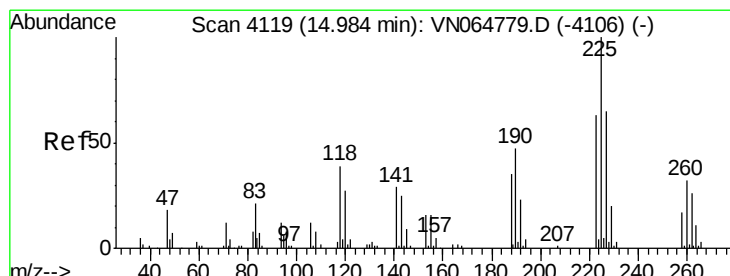
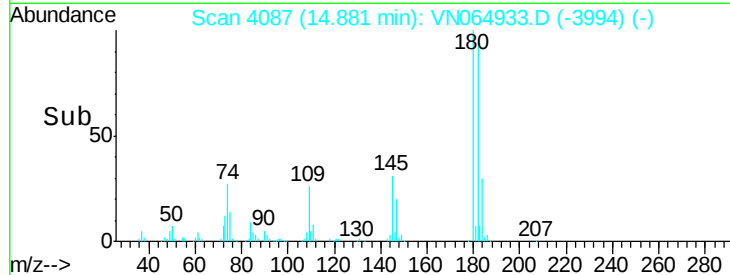
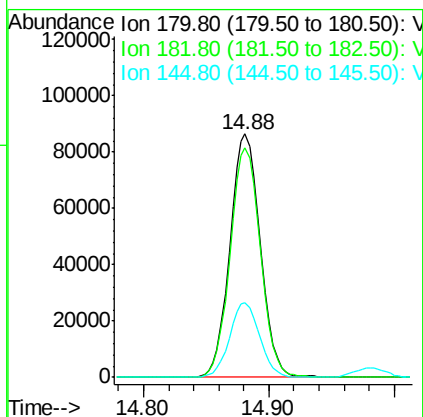
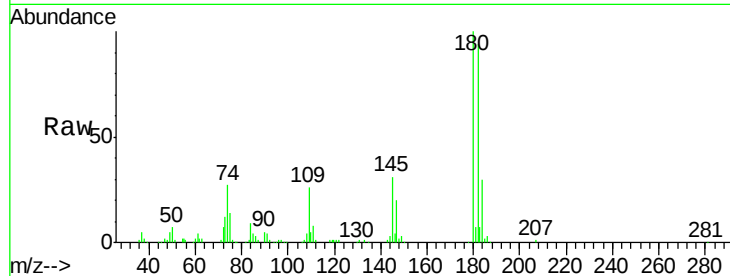




#93
 1,2,4-Trichlorobenzene
 Concen: 46.385 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

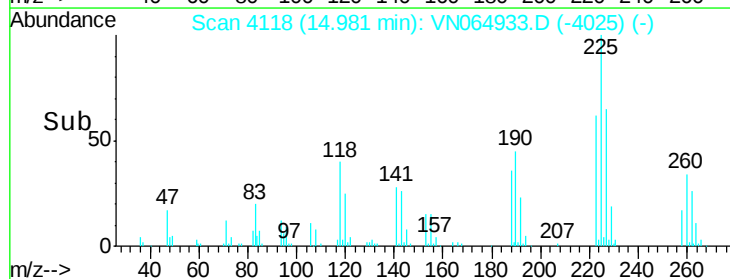
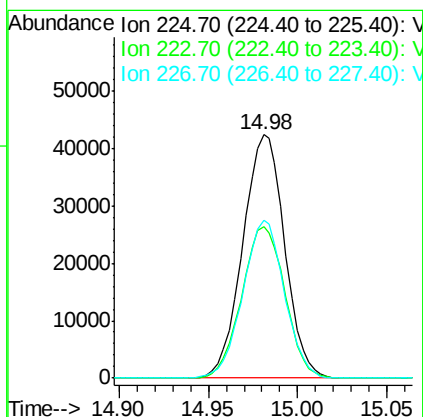
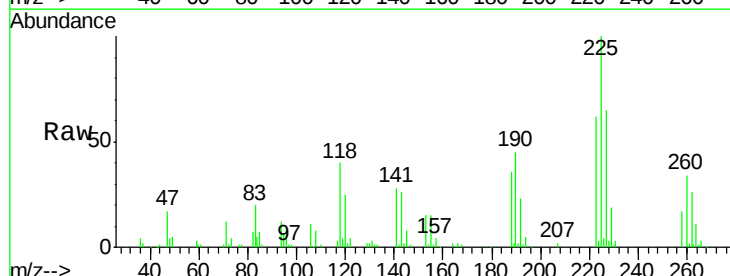
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

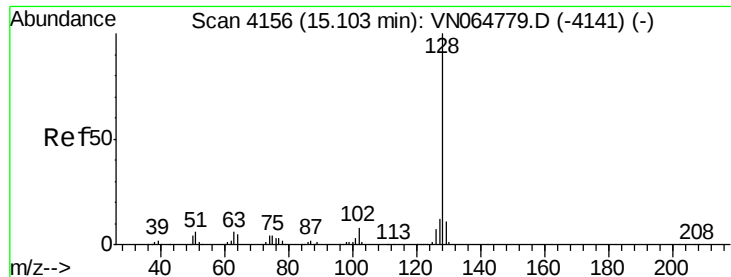
Tot Ion:180 Resp: 144744
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.6 142.9
 145 30.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 49.561 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064933.D
 Acq: 4 Dec 2020 20:55

Tgt Ion:225 Resp: 69639
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.0 93.0
 227 64.1 32.0 96.0

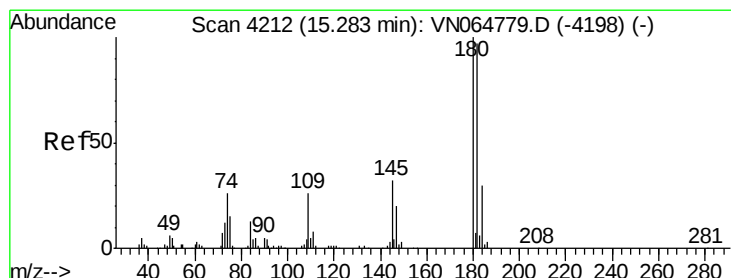
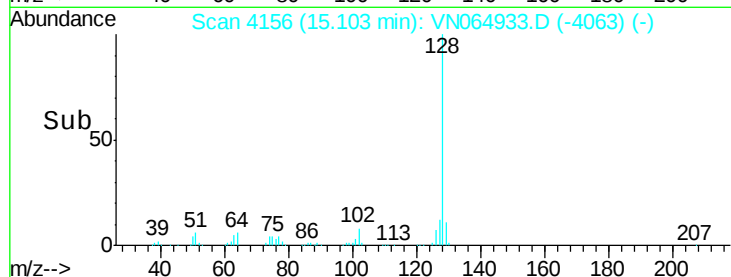
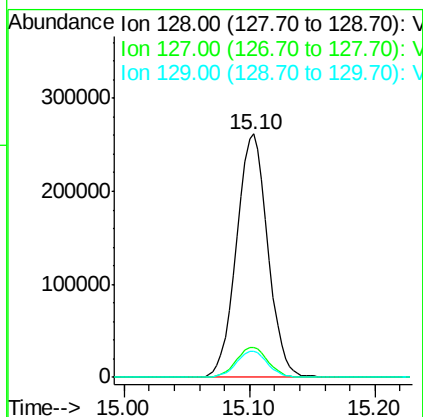
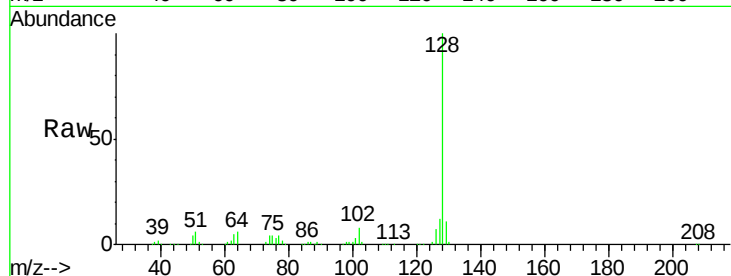




#95
Naphthalene
Concen: 48.496 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 453366
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.146 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064933.D
Acq: 4 Dec 2020 20:55

Tgt Ion:180 Resp: 139567
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.4
145 32.7 16.4 49.1

