

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065048.D
 Acq On : 10 Dec 2020 17:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 03:44:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	206904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	314651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142223	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	107151	43.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.00%	
35) Dibromofluoromethane		7.55	113	93128	44.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.48%	
50) Toluene-d8		10.06	98	368838	46.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.38%	
62) 4-Bromofluorobenzene		12.37	95	129422	47.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	67499	51.541	ug/l	99
3) Chloromethane	2.04	50	89001	50.371	ug/l	98
4) Vinyl Chloride	2.17	62	98650	51.081	ug/l	98
5) Bromomethane	2.53	94	68828	52.567	ug/l	100
6) Chloroethane	2.67	64	66595	51.721	ug/l	100
7) Trichlorofluoromethane	2.99	101	153730	50.258	ug/l	98
8) Diethyl Ether	3.37	74	60333	49.673	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	96568	50.683	ug/l	99
10) Methyl Iodide	3.91	142	116288	50.446	ug/l	99
11) Tert butyl alcohol	4.74	59	76218	255.444	ug/l	99
12) 1,1-Dichloroethene	3.69	96	88255	49.473	ug/l	98
13) Acrolein	3.56	56	54764	226.950	ug/l	99
14) Allyl chloride	4.27	41	147183	50.912	ug/l	99
15) Acrylonitrile	4.93	53	237066	252.776	ug/l	99
16) Acetone	3.78	43	236090	270.209	ug/l	99
17) Carbon Disulfide	4.01	76	201006	49.266	ug/l	100
18) Methyl Acetate	4.28	43	113380	51.492	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	311258	51.761	ug/l	96
20) Methylene Chloride	4.50	84	106927	48.039	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	98755	50.705	ug/l	99
22) Diisopropyl ether	5.90	45	327079	51.897	ug/l	98
23) Vinyl Acetate	5.84	43	1281638	263.123	ug/l	99
24) 1,1-Dichloroethane	5.79	63	190415	51.007	ug/l	99
25) 2-Butanone	6.78	43	312637	259.469	ug/l	98
26) 2,2-Dichloropropane	6.78	77	163498	51.110	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	118928	50.574	ug/l	100
28) Bromochloromethane	7.15	49	83170	46.872	ug/l	99
29) Tetrahydrofuran	7.17	42	192044	253.888	ug/l	99
30) Chloroform	7.33	83	198555	51.461	ug/l	100
31) Cyclohexane	7.61	56	140290	50.806	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	167892	50.799	ug/l	99
36) 1,1-Dichloropropene	7.75	75	139433	51.955	ug/l	100
37) Ethyl Acetate	6.88	43	125246	51.326	ug/l #	92
38) Carbon Tetrachloride	7.73	117	147801	51.837	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	139887	53.036	ug/l	99
40) Benzene	8.00	78	433207	52.117	ug/l	98
41) Methacrylonitrile	7.12	41	60704	47.876	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	144033	51.102	ug/l	99
43) Isopropyl Acetate	8.13	43	208615	51.431	ug/l	98
44) Trichloroethene	8.80	130	121656	52.401	ug/l	100
45) 1,2-Dichloropropane	9.08	63	117776	52.379	ug/l	99
46) Dibromomethane	9.17	93	74784	51.340	ug/l	98
47) Bromodichloromethane	9.37	83	157817	52.893	ug/l	98
48) Methyl methacrylate	9.16	41	102112	53.030	ug/l	97
49) 1,4-Dioxane	9.17	88	35400	1018.202	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	637890	263.047	ug/l	99
52) Toluene	10.12	92	274675	52.732	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	169187	53.206	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	190232	53.486	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	112515	52.170	ug/l	99
56) Ethyl methacrylate	10.40	69	156246	54.860	ug/l	99
57) 1,3-Dichloropropane	10.68	76	185153	52.182	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	456116	300.533	ug/l	100
59) 2-Hexanone	10.72	43	471091	269.650	ug/l	100
60) Dibromochloromethane	10.87	129	128476	52.357	ug/l	98
61) 1,2-Dibromoethane	10.98	107	112536	52.128	ug/l	97
64) Tetrachloroethene	10.60	164	123746	51.580	ug/l	100
65) Chlorobenzene	11.40	112	305882	52.893	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	115955	52.163	ug/l	99
67) Ethyl Benzene	11.48	91	521223	54.019	ug/l	100
68) m/p-Xylenes	11.59	106	405663	108.483	ug/l	97
69) o-Xylene	11.92	106	191818	53.748	ug/l	98
70) Styrene	11.94	104	336089	55.681	ug/l	100
71) Bromoform	12.10	173	88258	52.270	ug/l #	100
73) Isopropylbenzene	12.22	105	515695	54.529	ug/l	100
74) N-amyl acetate	12.04	43	180713	53.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	142524	49.619	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	198580	71.680	ug/l #	100
77) Bromobenzene	12.50	156	131680	52.359	ug/l	99
78) n-propylbenzene	12.56	91	576933	54.082	ug/l	100
79) 2-Chlorotoluene	12.65	91	346812	53.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	438342	55.079	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51949	53.372	ug/l	99
82) 4-Chlorotoluene	12.75	91	362952	52.779	ug/l	100
83) tert-Butylbenzene	12.96	119	363561	55.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	440091	54.774	ug/l	100
85) sec-Butylbenzene	13.14	105	467334	54.596	ug/l	100
86) p-Isopropyltoluene	13.26	119	440325	55.826	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	238629	53.394	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	236271	52.137	ug/l	98
89) n-Butylbenzene	13.59	91	364406	56.220	ug/l	100
90) Hexachloroethane	13.85	117	76182	53.285	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	235261	52.885	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28722	50.996	ug/l	95

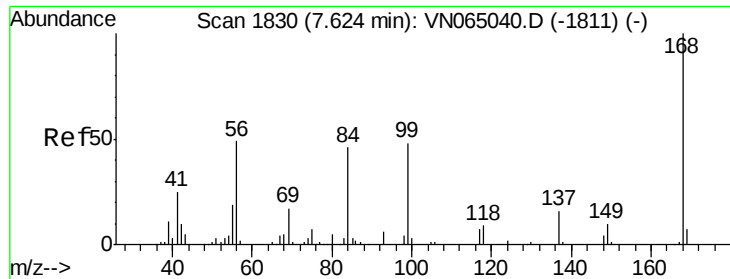
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	123173	51.612	ug/l	97
94) Hexachlorobutadiene	14.98	225	66935	54.499	ug/l	99
95) Naphthalene	15.10	128	363397	51.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	119424	52.914	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: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

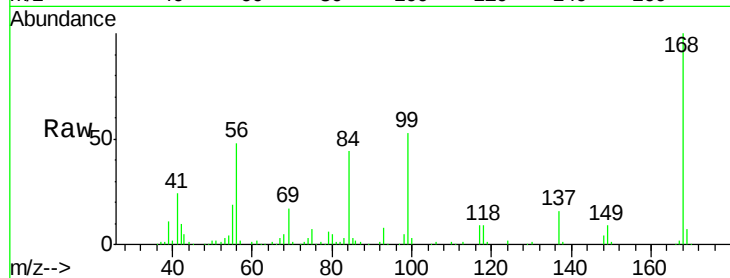
VSTDCCC050

Tgt Ion: 168 Resp: 206904

Ion Ratio Lower Upper

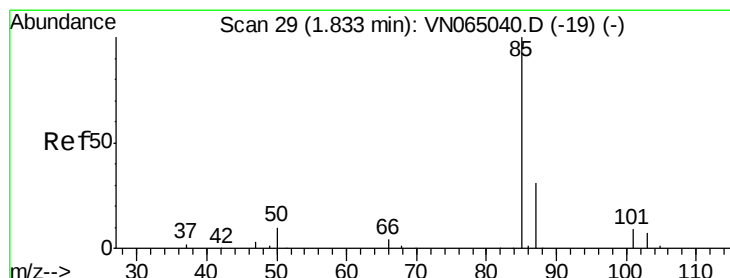
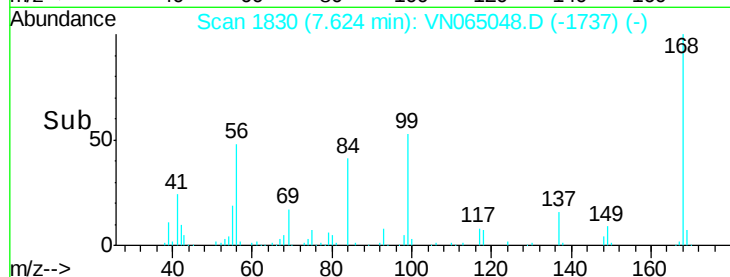
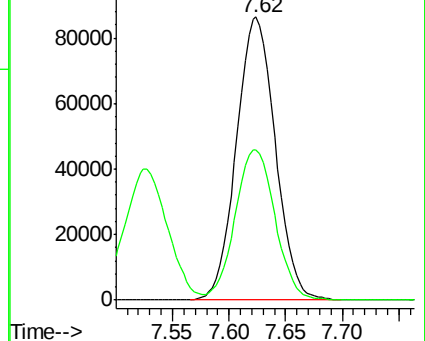
168 100

99 53.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 51.541 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065048.D

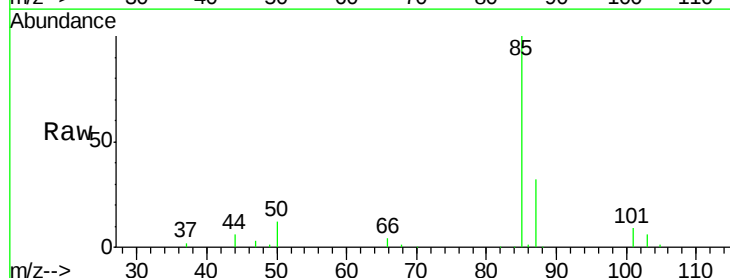
Acq: 10 Dec 2020 17:10

Tgt Ion: 85 Resp: 67499

Ion Ratio Lower Upper

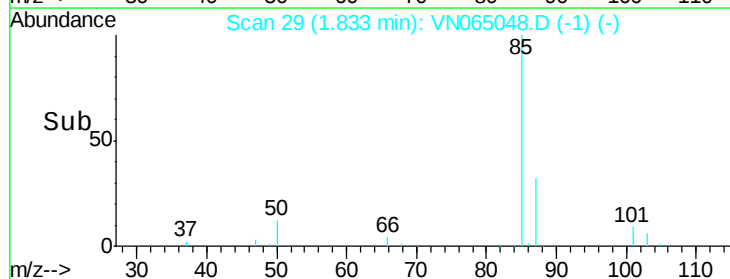
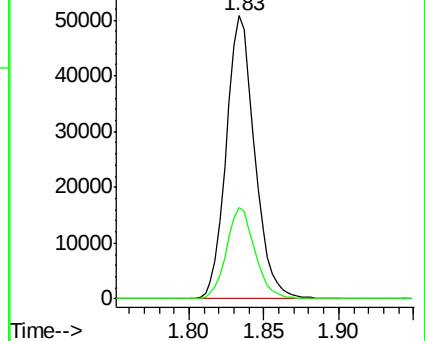
85 100

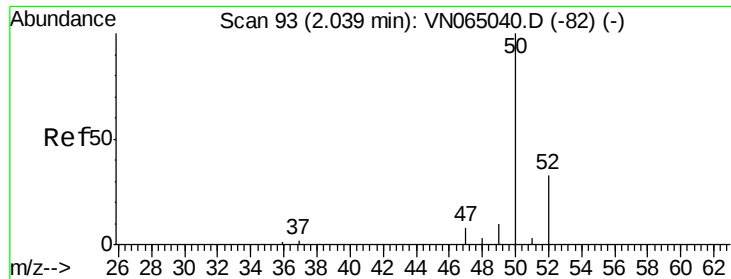
87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

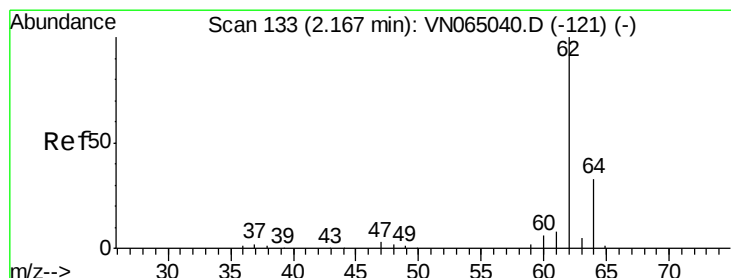
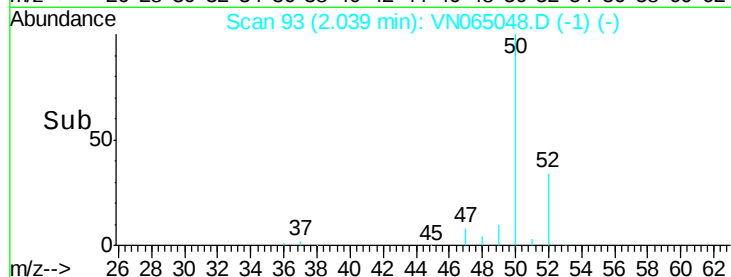
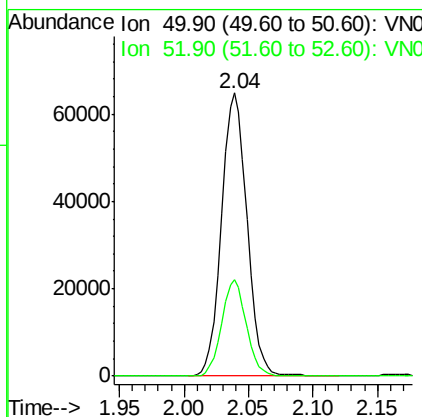
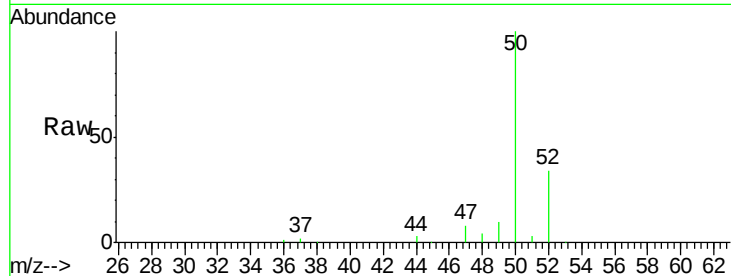




#3
 Chloromethane
 Concen: 50.371 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

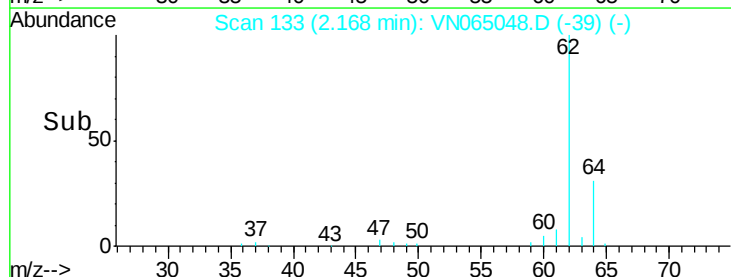
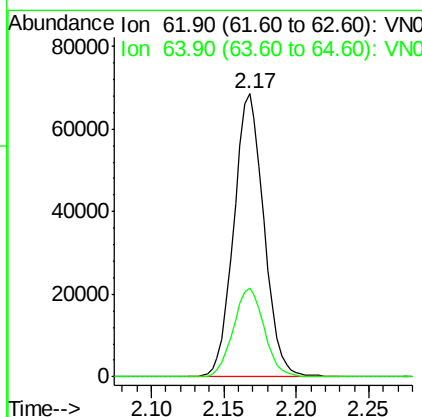
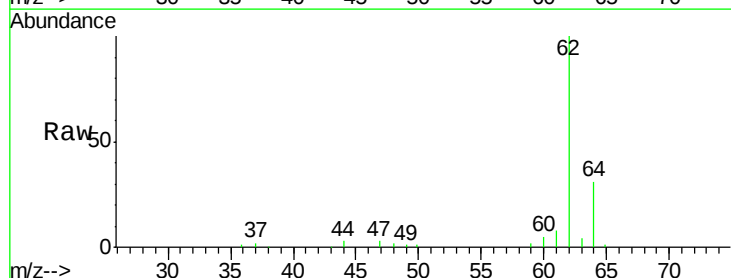
Instrument :
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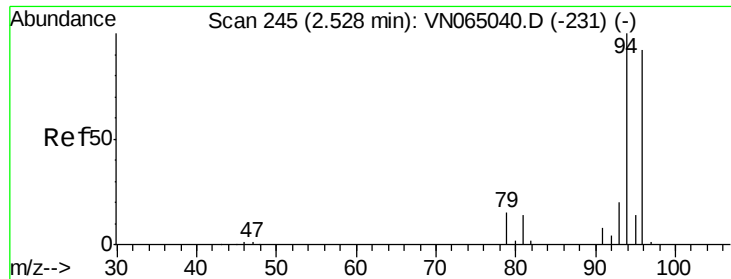
Tgt Ion: 50 Resp: 89001
 Ion Ratio Lower Upper
 50 100
 52 34.1 26.5 39.7



#4
 Vinyl Chloride
 Concen: 51.081 ug/l
 RT: 2.17 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 62 Resp: 98650
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.1 39.1

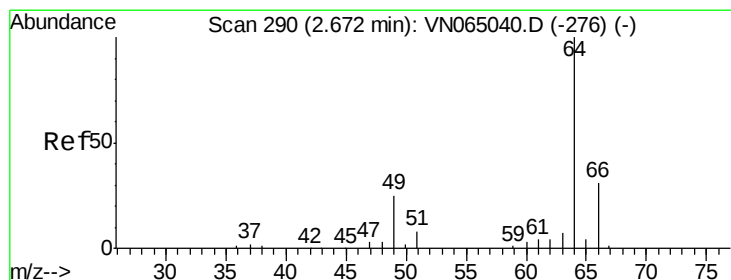
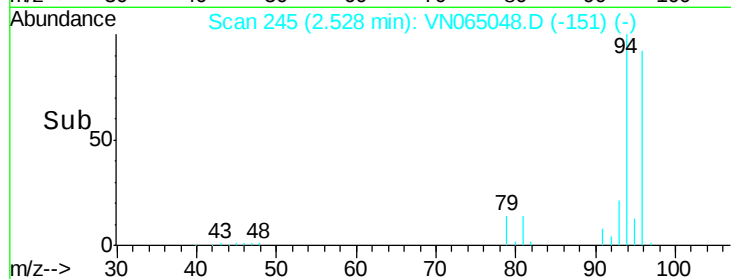
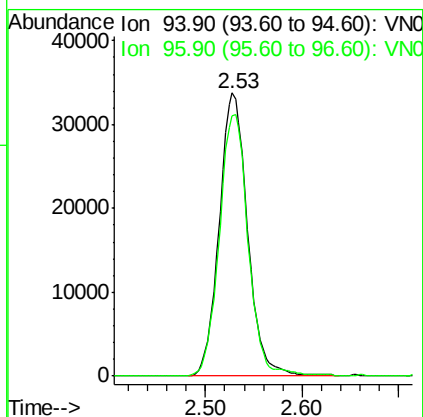
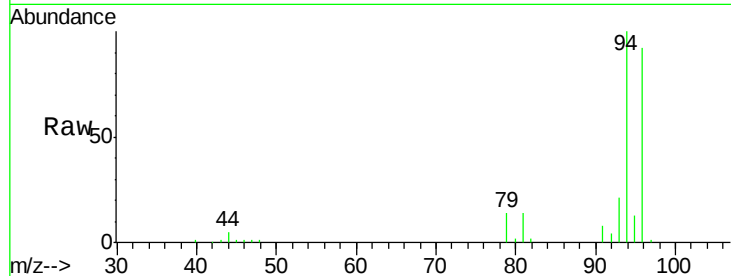




#5
Bromomethane
Concen: 52.567 ug/l
RT: 2.53 min Scan# 245
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

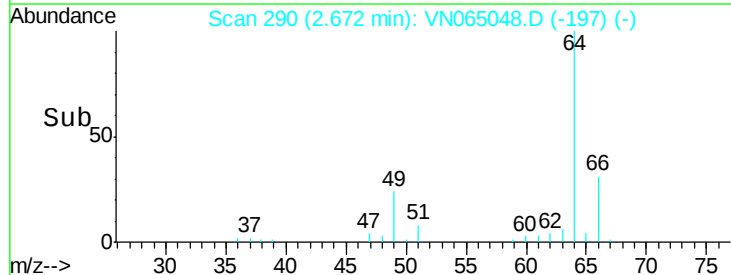
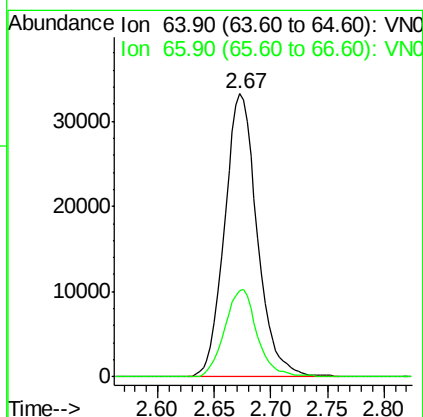
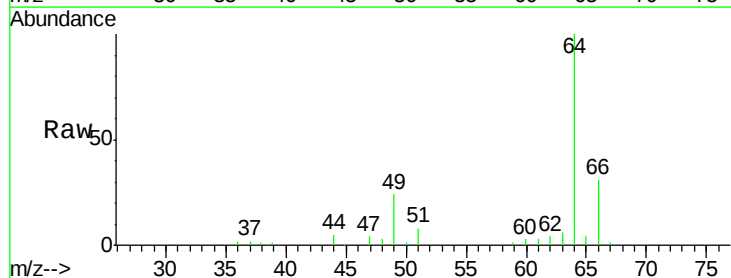
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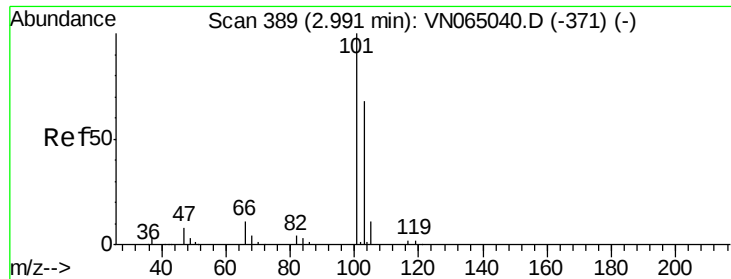
Tgt Ion: 94 Resp: 68828
Ion Ratio Lower Upper
94 100
96 92.0 73.8 110.8



#6
Chloroethane
Concen: 51.721 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 64 Resp: 66595
Ion Ratio Lower Upper
64 100
66 30.6 24.6 37.0



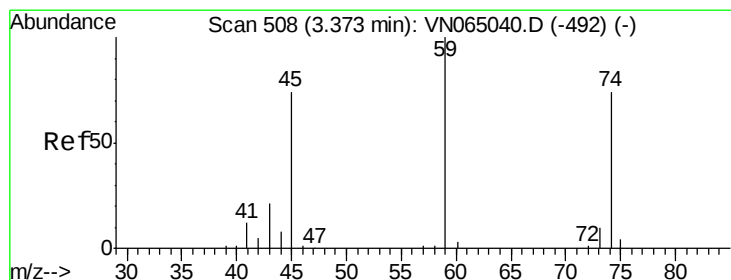
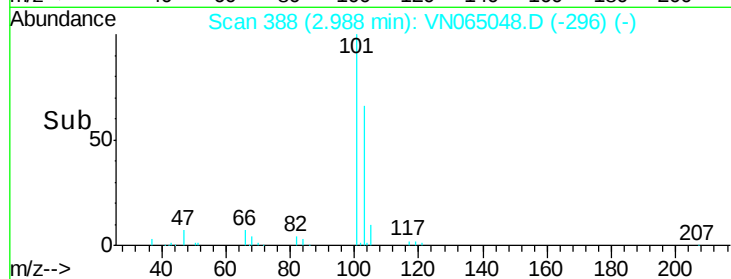
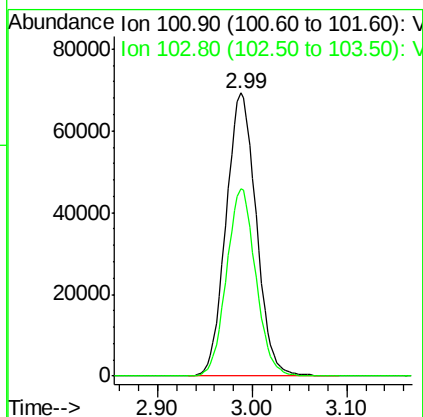
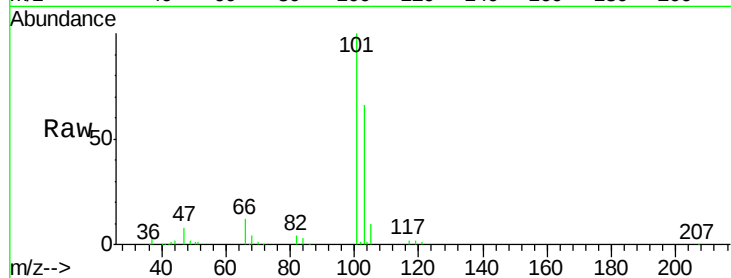


#7

Trichlorofluoromethane
 Concen: 50.258 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

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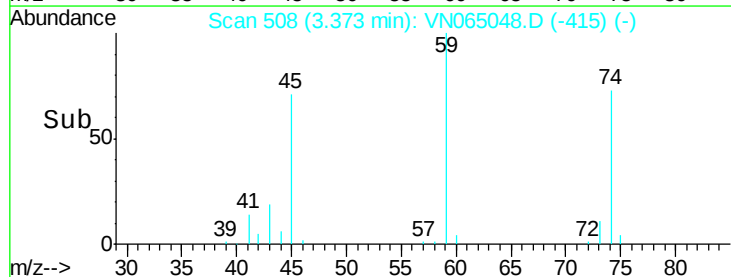
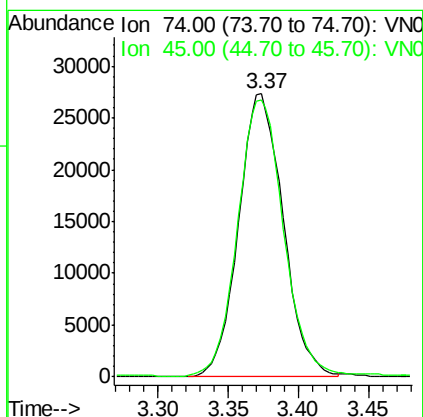
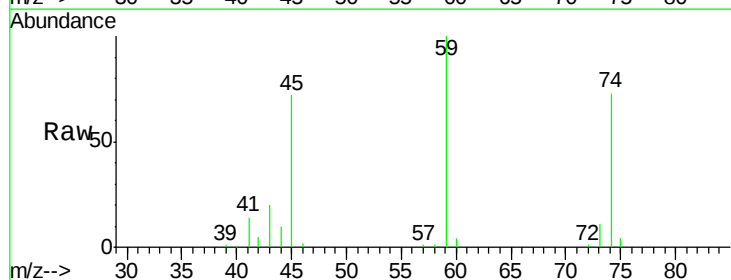
Tgt Ion:101 Resp: 153730
 Ion Ratio Lower Upper
 101 100
 103 66.4 54.5 81.7

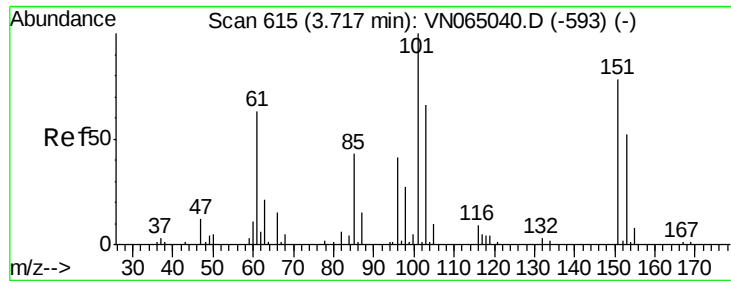


#8

Diethyl Ether
 Concen: 49.673 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 74 Resp: 60333
 Ion Ratio Lower Upper
 74 100
 45 101.5 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.683 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

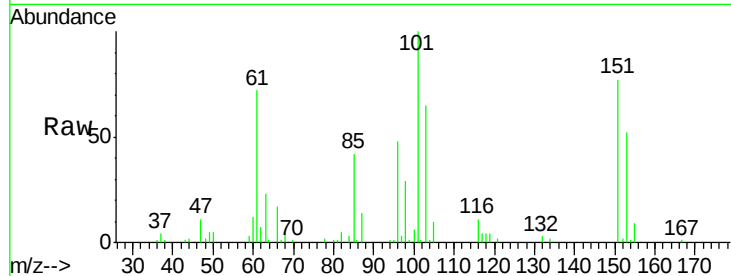
Tgt Ion:101 Resp: 96568

Ion Ratio Lower Upper

101 100

85 42.2 33.2 49.8

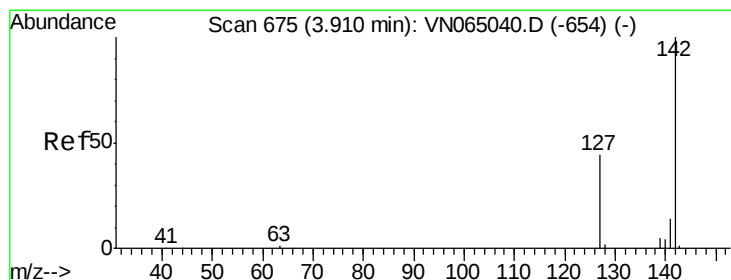
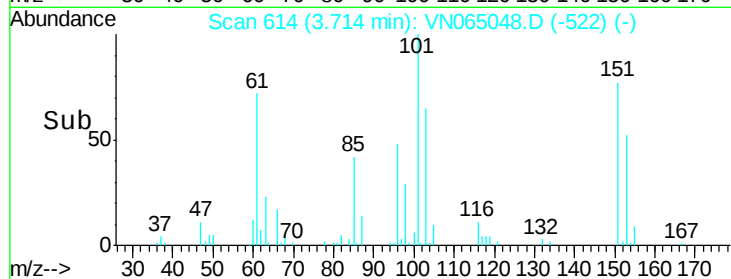
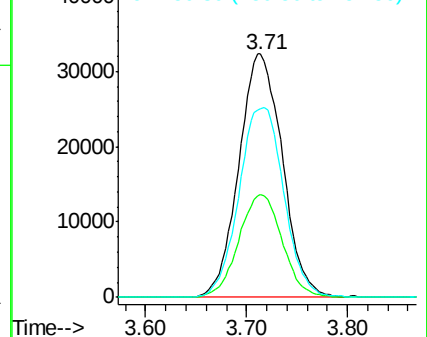
151 80.6 63.7 95.5



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: 50.446 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

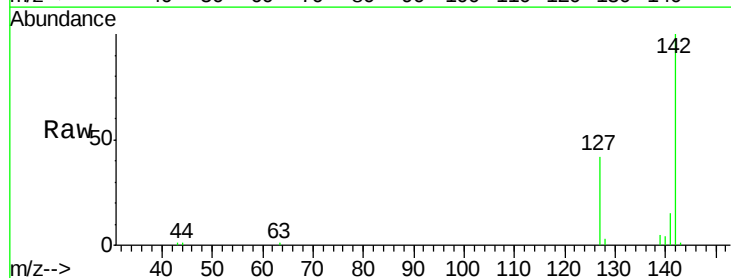
Tgt Ion:142 Resp: 116288

Ion Ratio Lower Upper

142 100

127 42.7 34.6 52.0

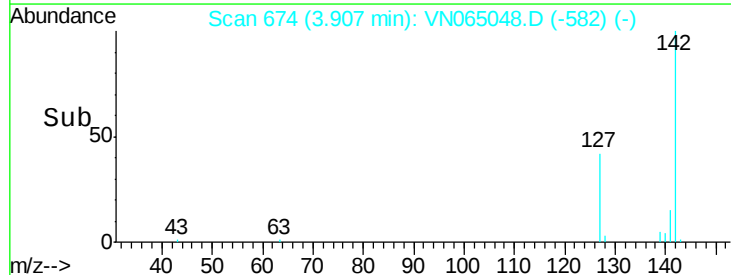
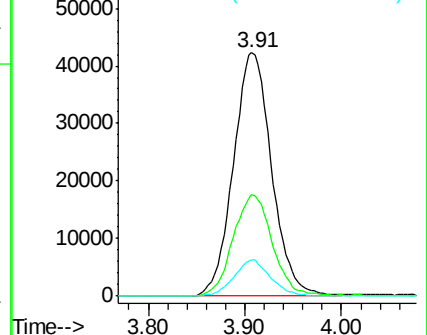
141 14.2 10.9 16.3

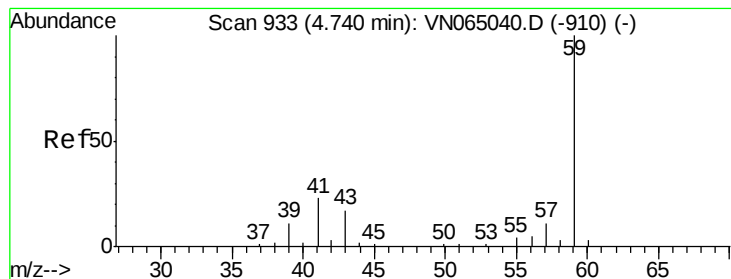


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



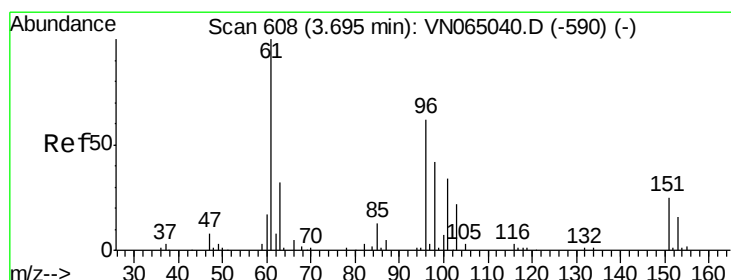
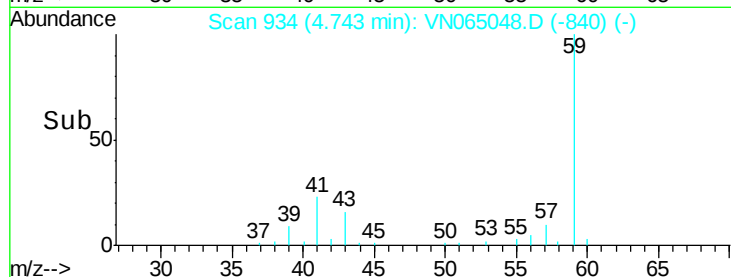
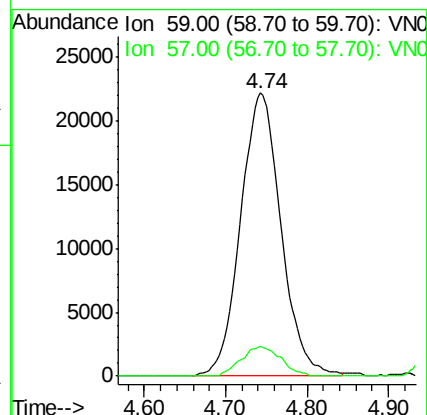
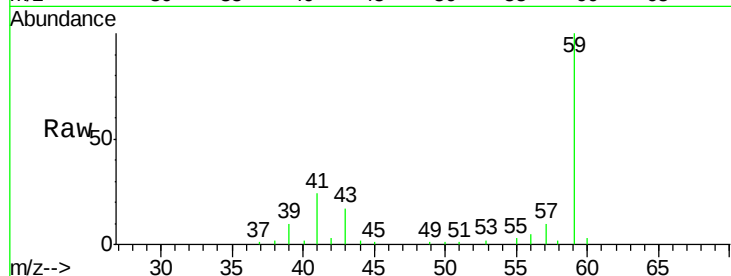


#11

Tert butyl alcohol
 Concen: 255.444 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

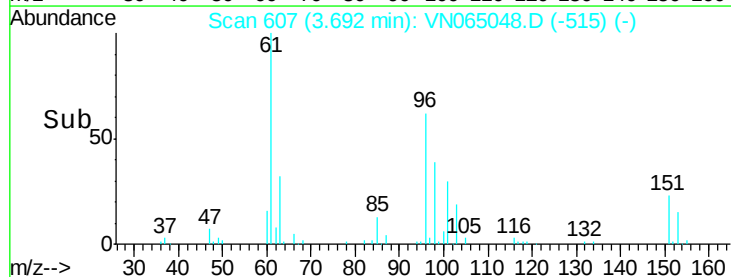
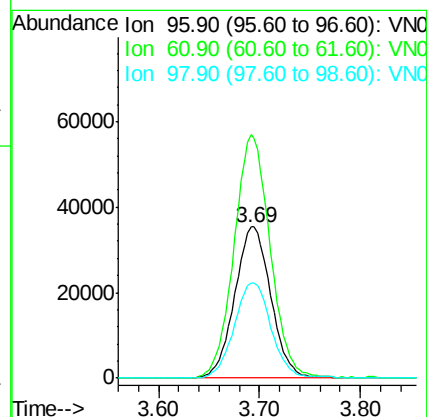
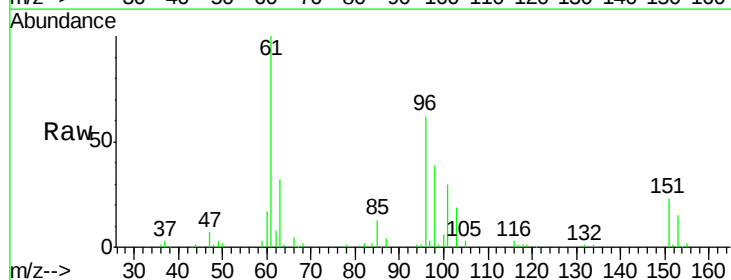
Tgt Ion: 59 Resp: 76218
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.6 12.8

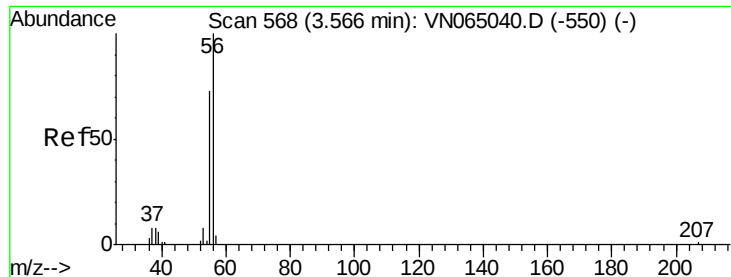


#12

1,1-Dichloroethene
 Concen: 49.473 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 96 Resp: 88255
 Ion Ratio Lower Upper
 96 100
 61 161.3 128.4 192.6
 98 63.0 53.6 80.4





#13

Acrolein

Concen: 226.950 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

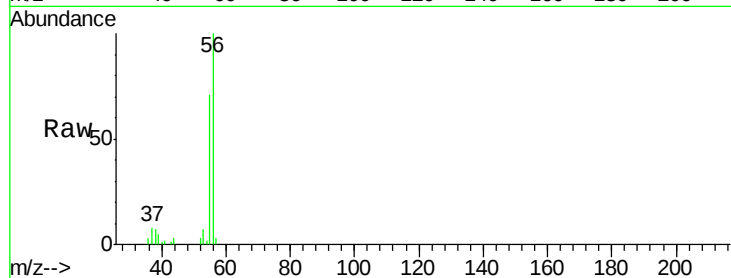
VSTDCCC050

Tgt Ion: 56 Resp: 54764

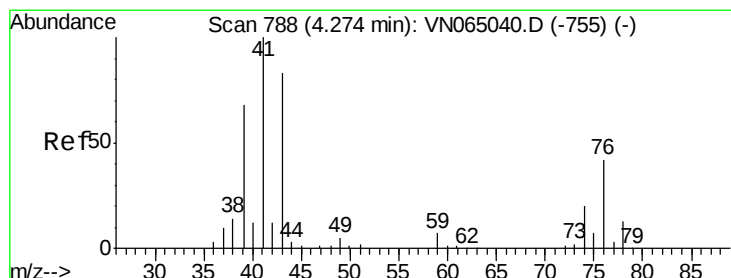
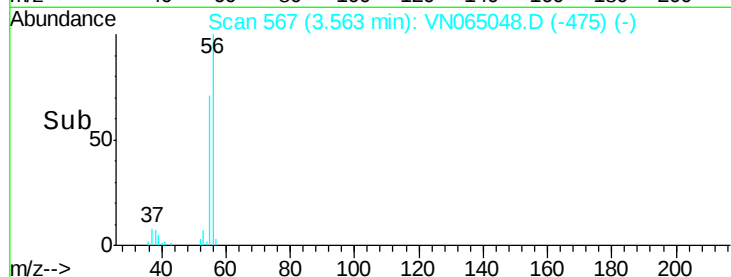
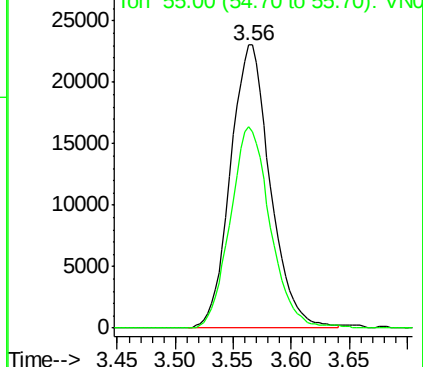
Ion Ratio Lower Upper

56 100

55 71.8 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN065048.D (-475) (-)



#14

Allyl chloride

Concen: 50.912 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

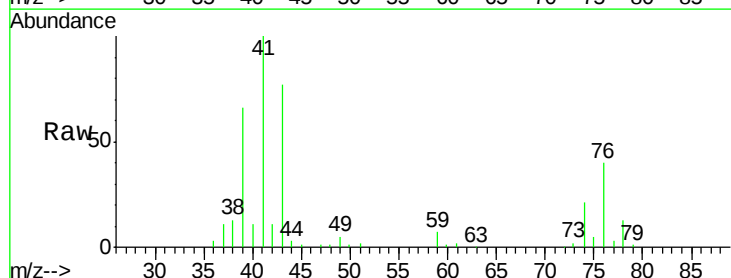
Tgt Ion: 41 Resp: 147183

Ion Ratio Lower Upper

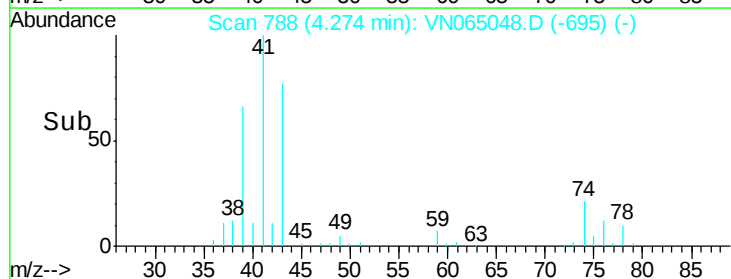
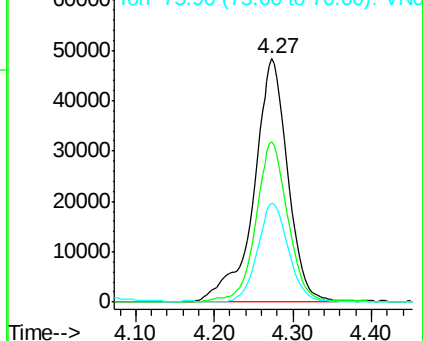
41 100

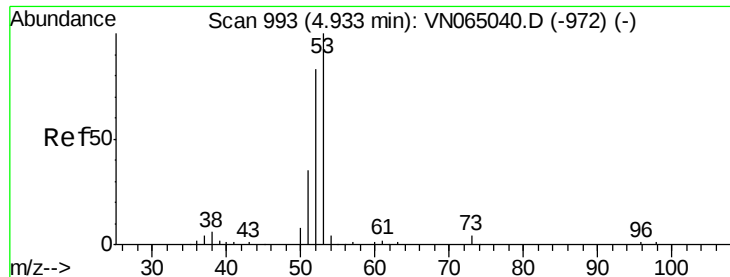
39 61.9 49.0 73.6

76 37.1 29.6 44.4



Abundance Ion 41.00 (40.70 to 41.70): VN065048.D (-695) (-)





#15

Acrylonitrile

Concen: 252.776 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

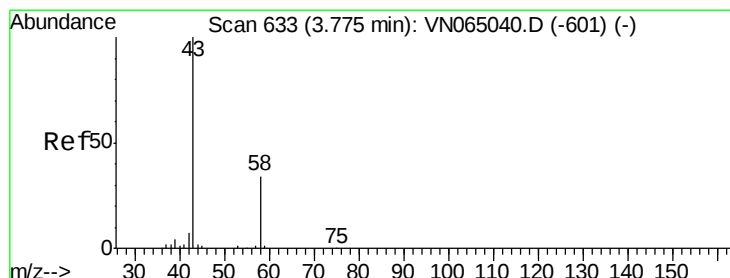
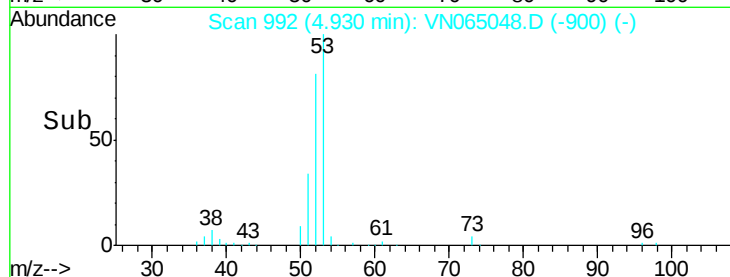
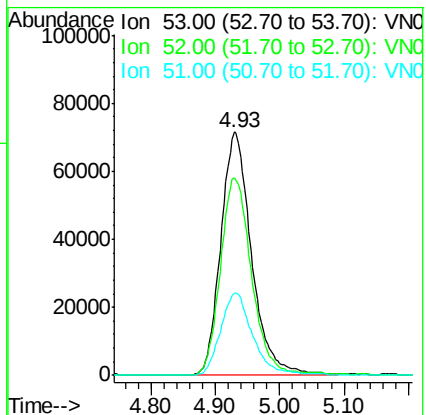
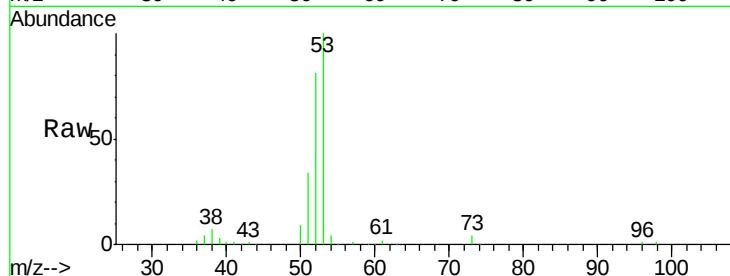
Tgt Ion: 53 Resp: 237066

Ion Ratio Lower Upper

53 100

52 82.0 65.4 98.0

51 35.2 27.8 41.6



#16

Acetone

Concen: 270.209 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065048.D

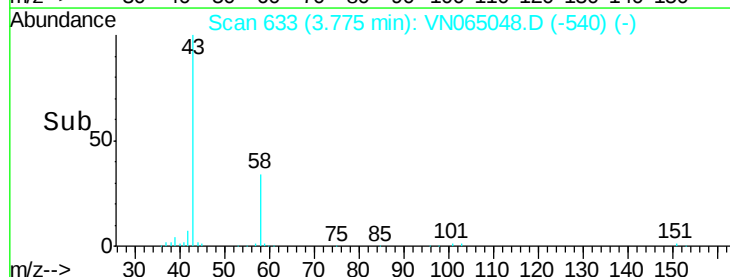
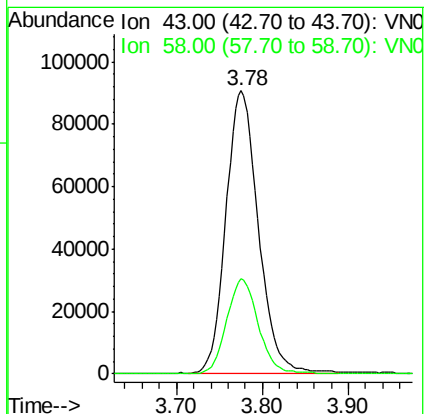
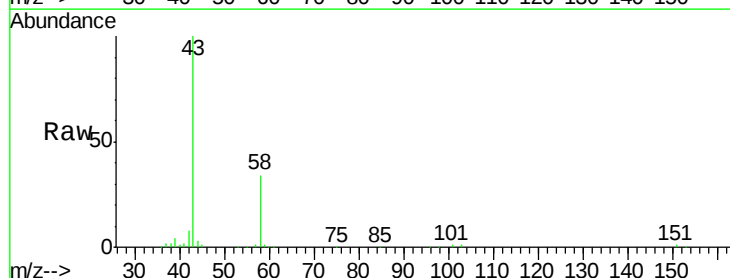
Acq: 10 Dec 2020 17:10

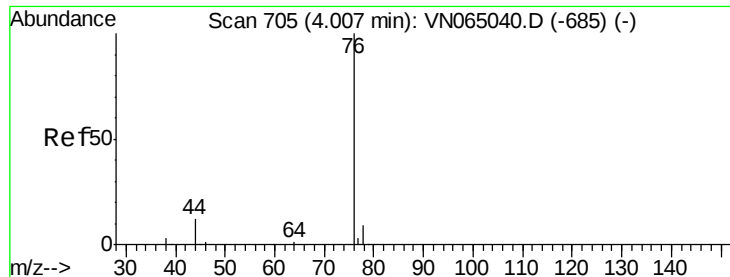
Tgt Ion: 43 Resp: 236090

Ion Ratio Lower Upper

43 100

58 33.8 26.8 40.2

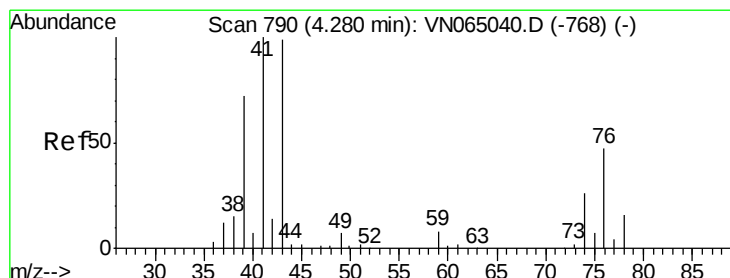
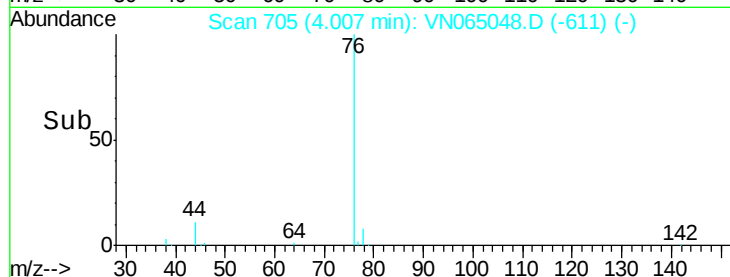
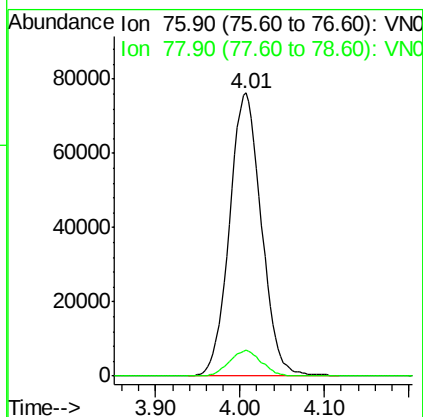
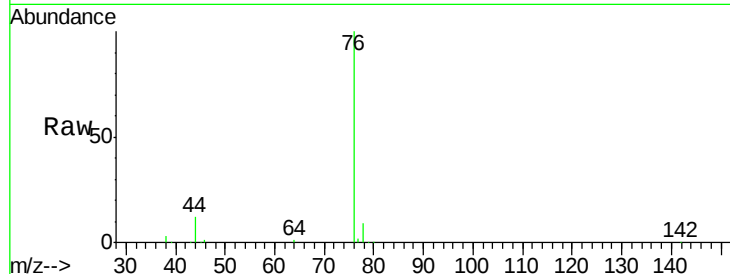




#17
Carbon Disulfide
Concen: 49.266 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

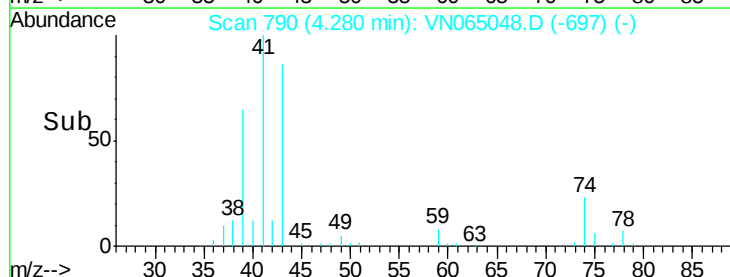
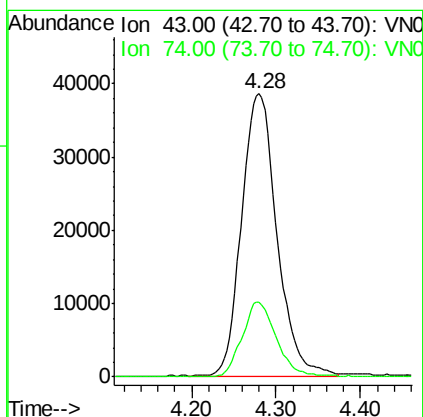
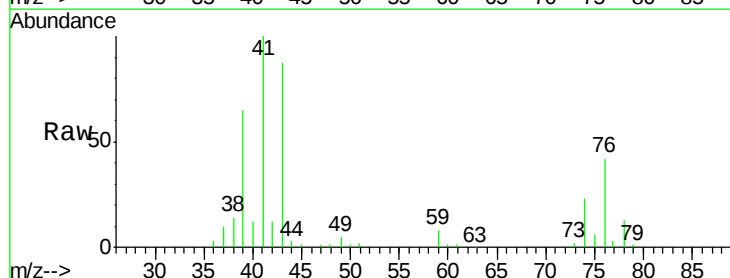
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

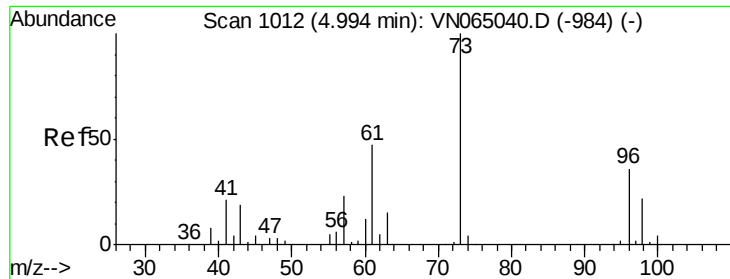
Tgt Ion: 76 Resp: 201006
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 51.492 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 43 Resp: 113380
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1

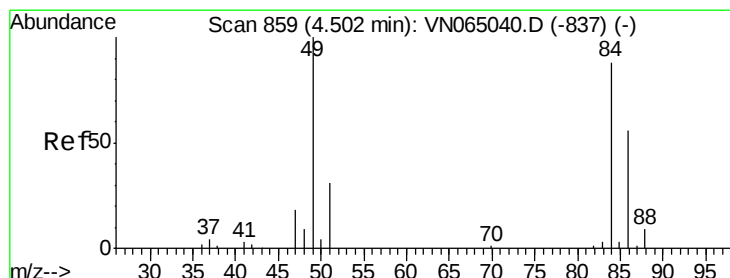
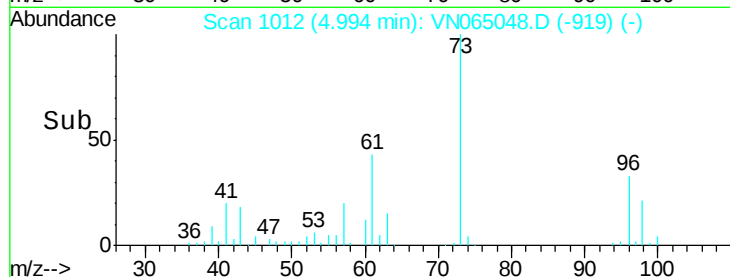
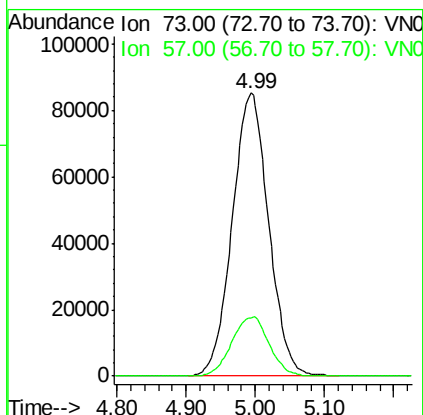
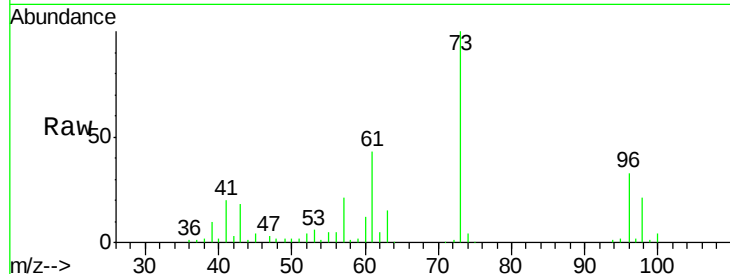




#19
Methyl tert-butyl Ether
Concen: 51.761 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

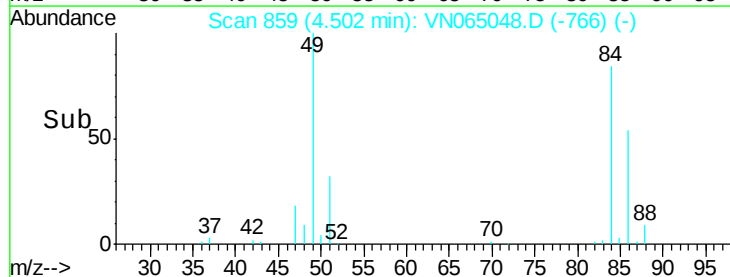
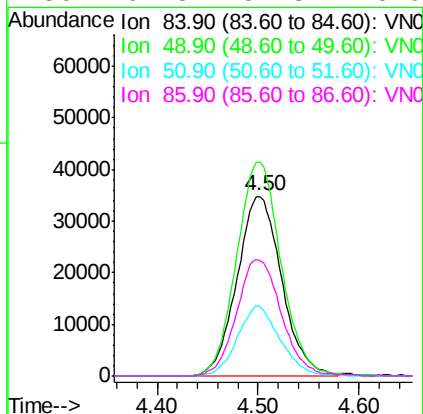
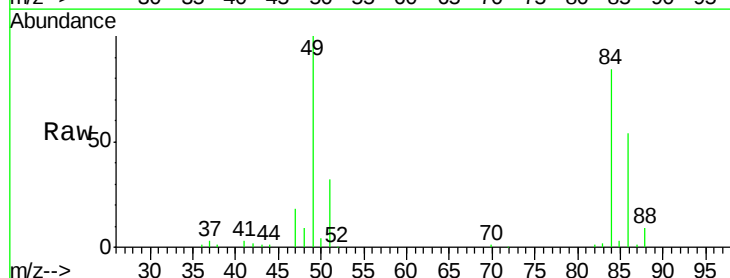
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

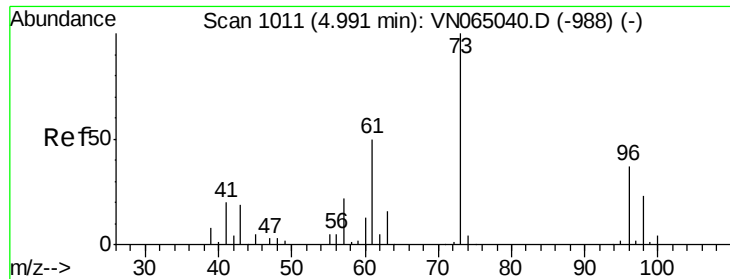
Tgt Ion: 73 Resp: 311258
Ion Ratio Lower Upper
73 100
57 20.6 18.0 27.0



#20
Methylene Chloride
Concen: 48.039 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 84 Resp: 106927
Ion Ratio Lower Upper
84 100
49 119.0 90.8 136.2
51 38.4 28.1 42.1
86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.705 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

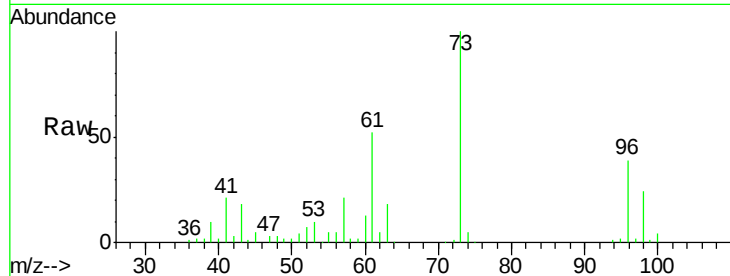
Tgt Ion: 96 Resp: 98755

Ion Ratio Lower Upper

96 100

61 134.2 107.1 160.7

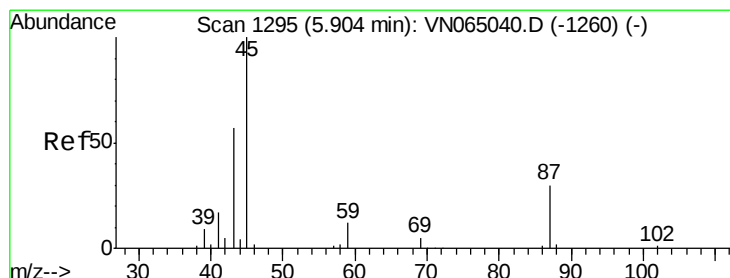
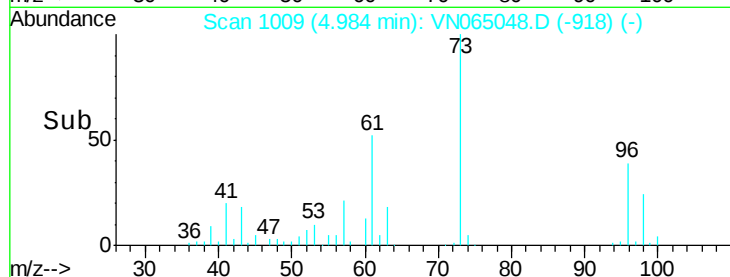
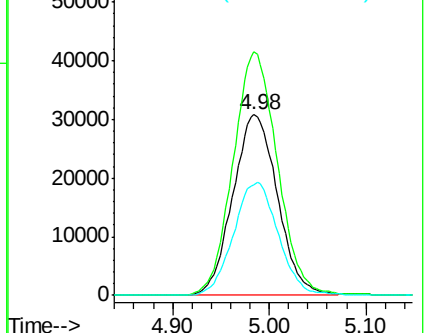
98 61.4 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN065048.D (-1009) (-)

Ion 60.90 (60.60 to 61.60): VN065048.D (-1009) (-)

Ion 97.90 (97.60 to 98.60): VN065048.D (-1009) (-)



#22

Diisopropyl ether

Concen: 51.897 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Tgt Ion: 45 Resp: 327079

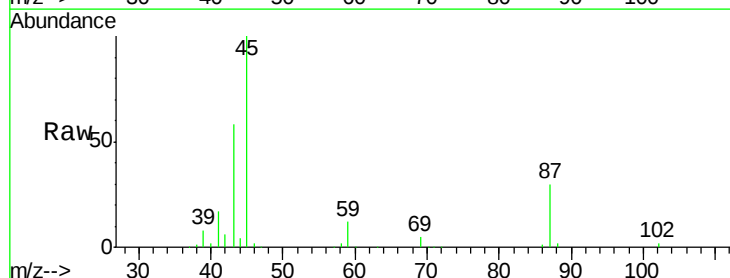
Ion Ratio Lower Upper

45 100

43 57.1 47.9 71.9

87 30.2 24.3 36.5

59 12.1 9.5 14.3

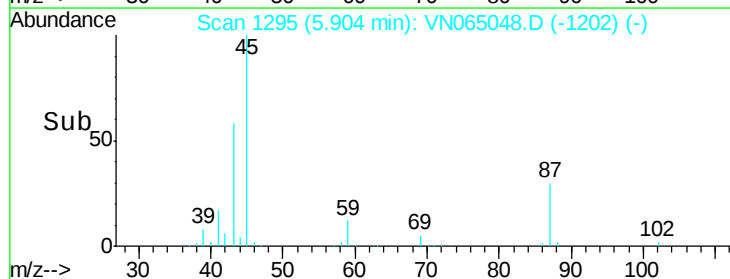
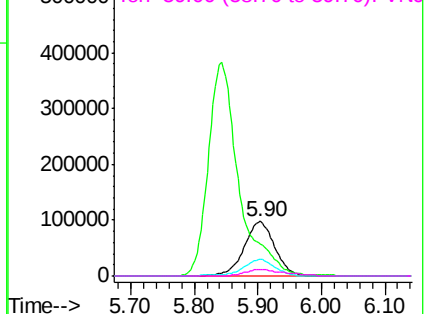


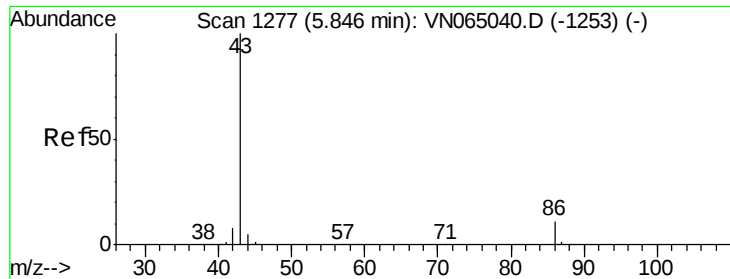
Abundance Ion 45.00 (44.70 to 45.70): VN065048.D (-1295) (-)

Ion 43.00 (42.70 to 43.70): VN065048.D (-1295) (-)

Ion 87.00 (86.70 to 87.70): VN065048.D (-1295) (-)

Ion 59.00 (58.70 to 59.70): VN065048.D (-1295) (-)





#23

Vinyl Acetate

Concen: 263.123 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

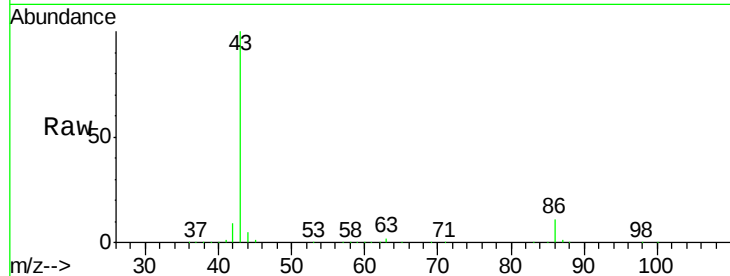
VSTDCCC050

Tgt Ion: 43 Resp: 1281638

Ion Ratio Lower Upper

43 100

86 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN065048.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN065048.D (-1184) (-)

5.84

400000

300000

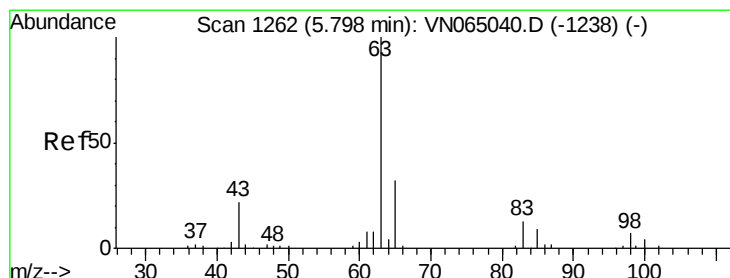
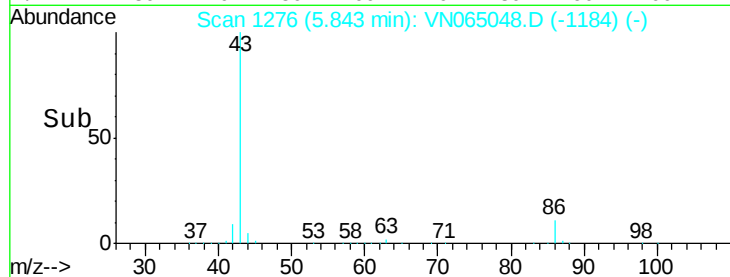
200000

100000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.007 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

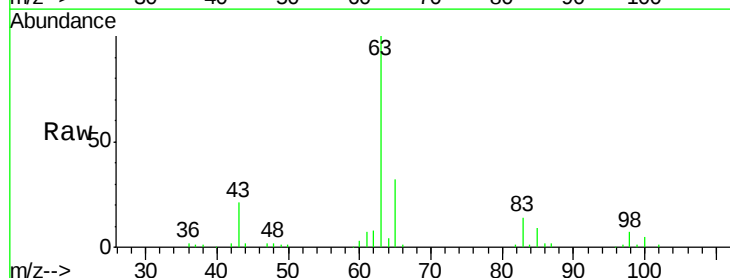
Tgt Ion: 63 Resp: 190415

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.6 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN065048.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN065048.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN065048.D (-1169) (-)

80000

60000

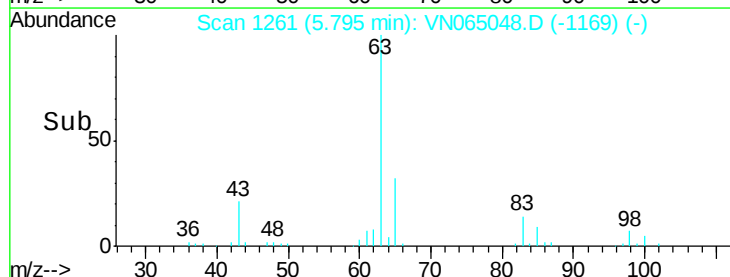
40000

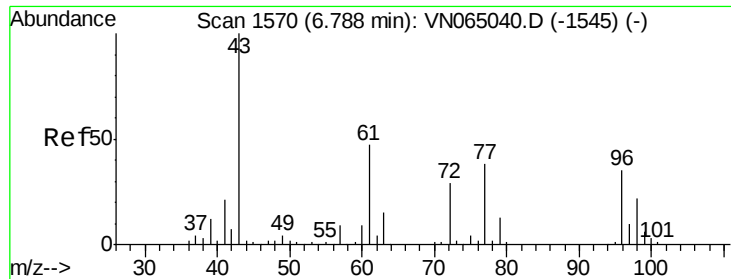
20000

0

5.70 5.80 5.90

Time-->

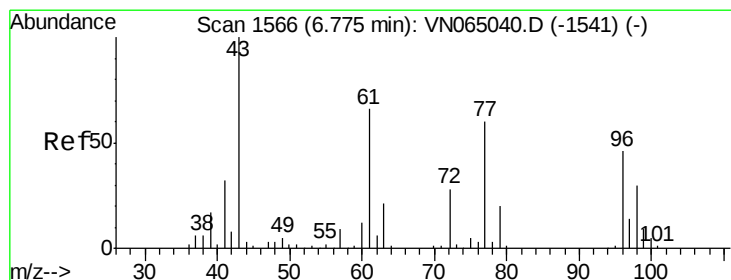
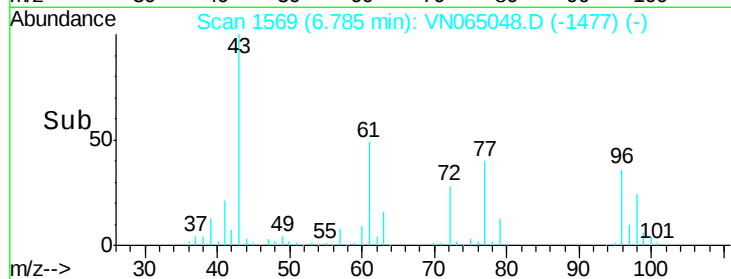
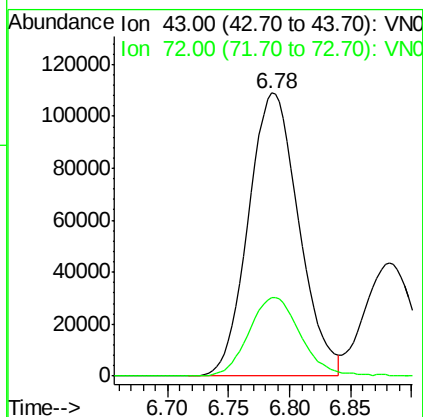
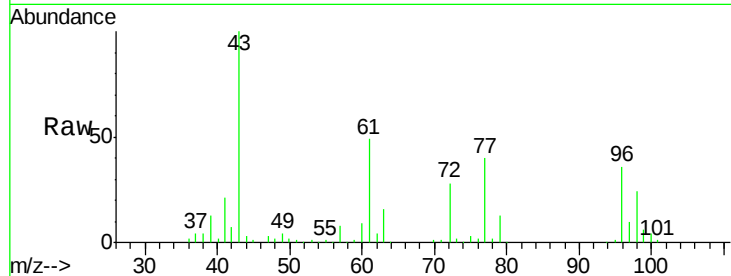




#25
2-Butanone
Concen: 259.469 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

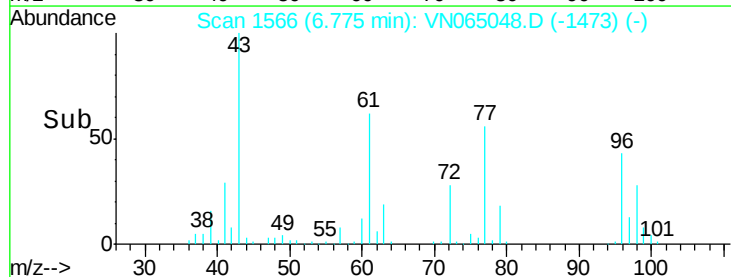
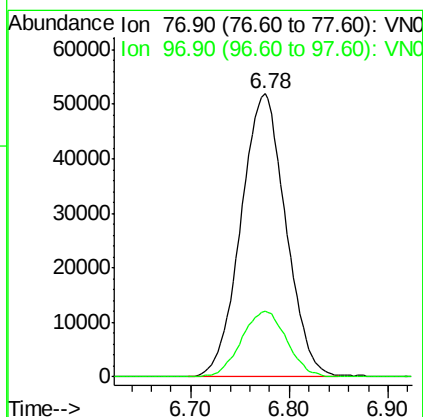
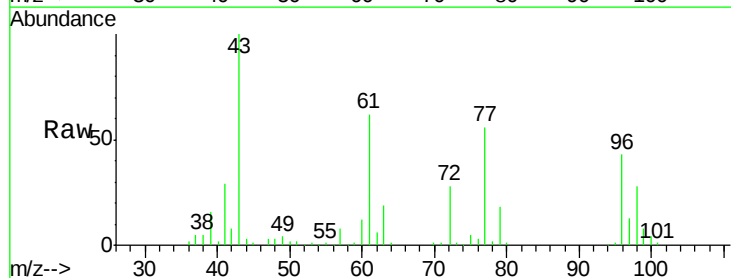
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

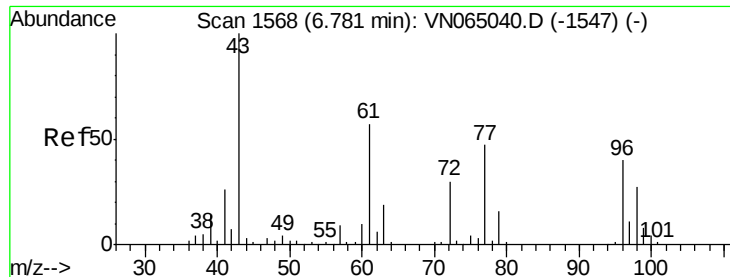
Tgt Ion: 43 Resp: 312637
Ion Ratio Lower Upper
43 100
72 27.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.110 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 77 Resp: 163498
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.1

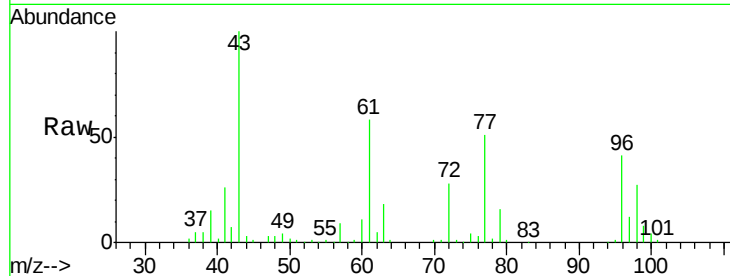




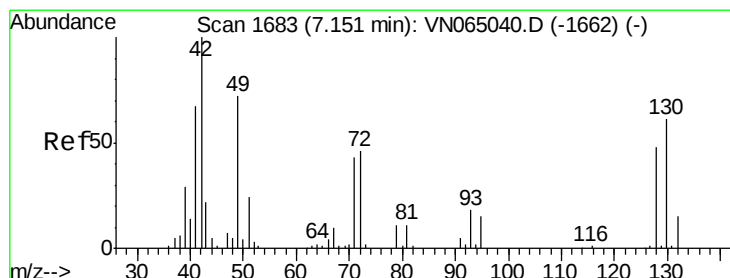
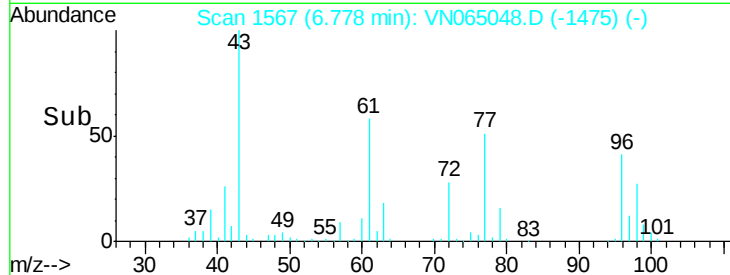
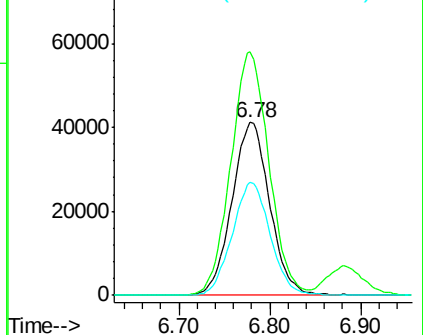
#27
 cis-1,2-Dichloroethene
 Concen: 50.574 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 118928
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 283.6
 98 65.7 0.0 130.8

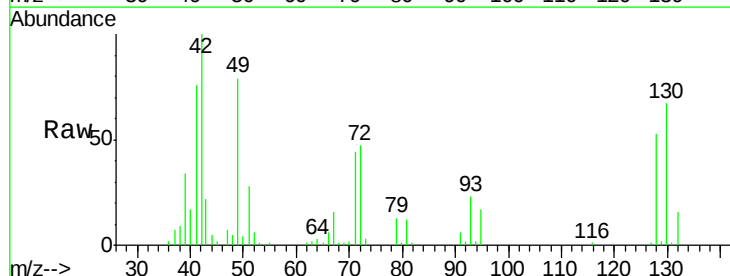


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

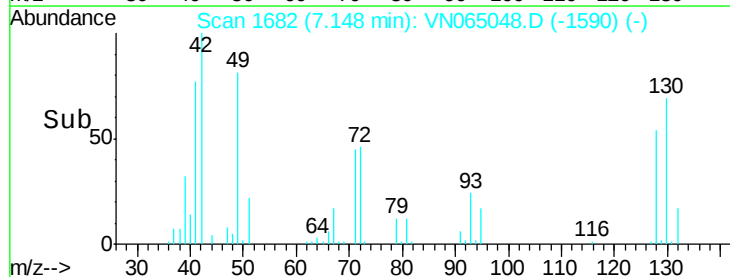
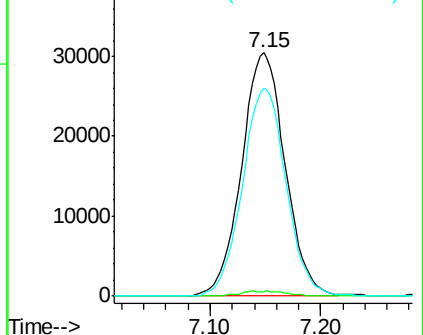


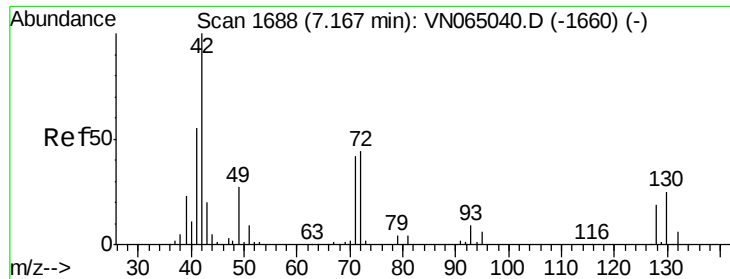
#28
 Bromochloromethane
 Concen: 46.872 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 49 Resp: 83170
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 85.8 67.9 101.9



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

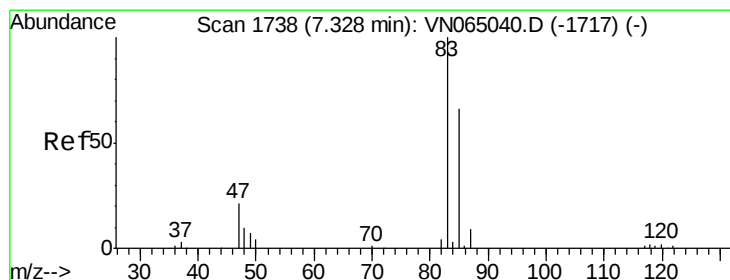
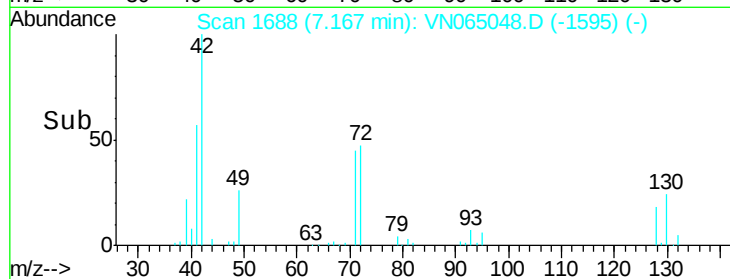
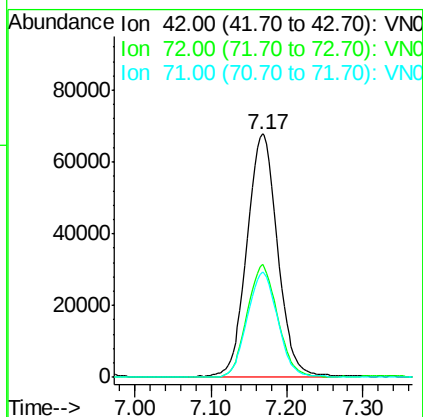
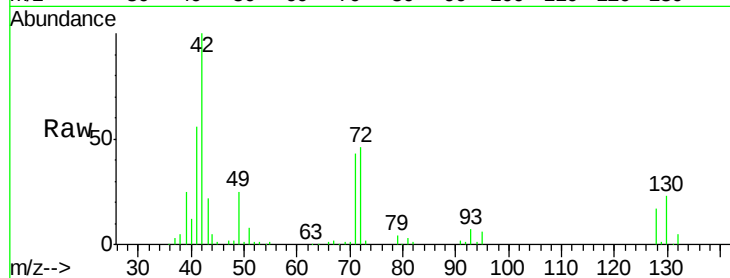




#29
Tetrahydrofuran
Concen: 253.888 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

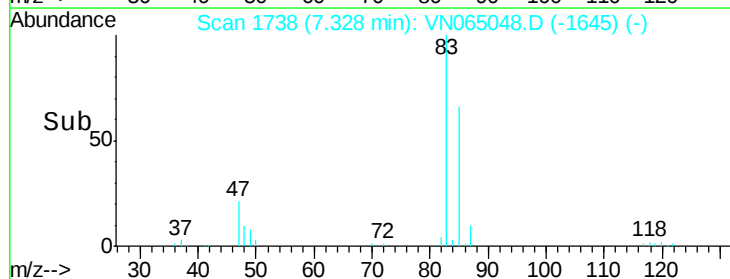
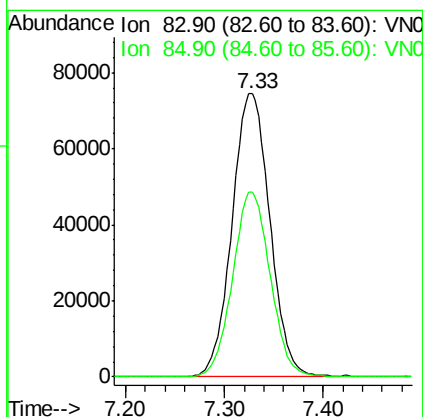
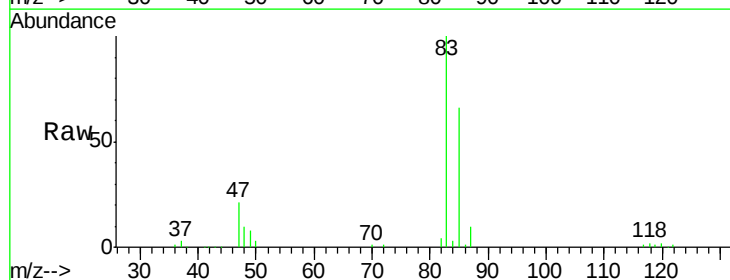
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

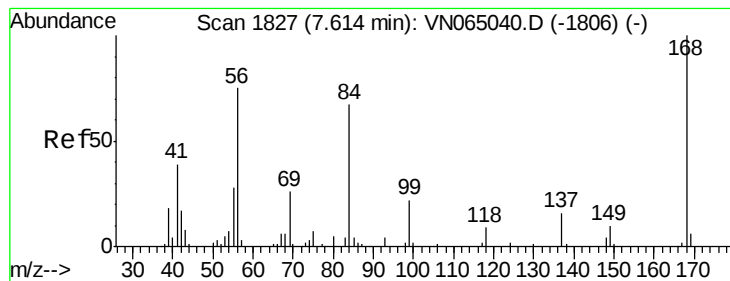
Tgt Ion: 42 Resp: 192044
Ion Ratio Lower Upper
42 100
72 45.7 35.8 53.6
71 42.7 33.5 50.3



#30
Chloroform
Concen: 51.461 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 83 Resp: 198555
Ion Ratio Lower Upper
83 100
85 65.5 52.6 78.8





#31

Cyclohexane

Concen: 50.806 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

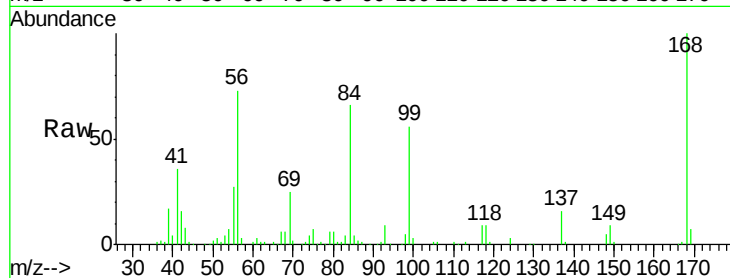
Tgt Ion: 56 Resp: 140290

Ion Ratio Lower Upper

56 100

69 34.4 27.5 41.3

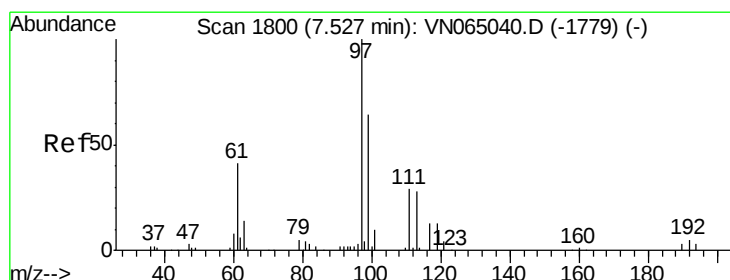
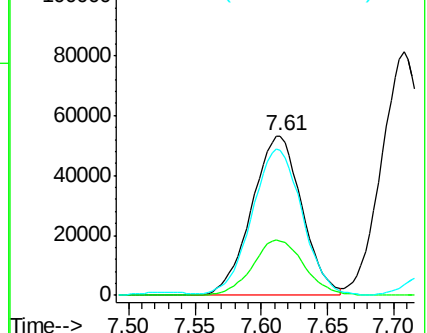
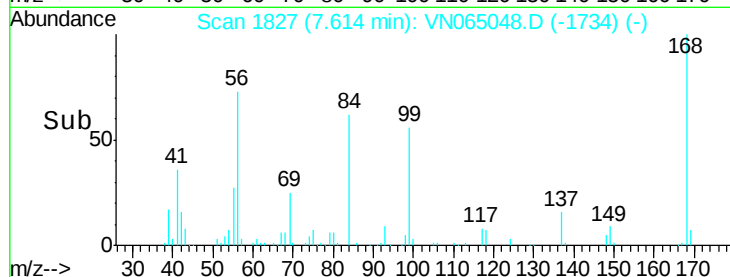
84 89.5 72.4 108.6



Abundance Ion 56.00 (55.70 to 56.70): VN065048.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN065048.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN065048.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 50.799 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

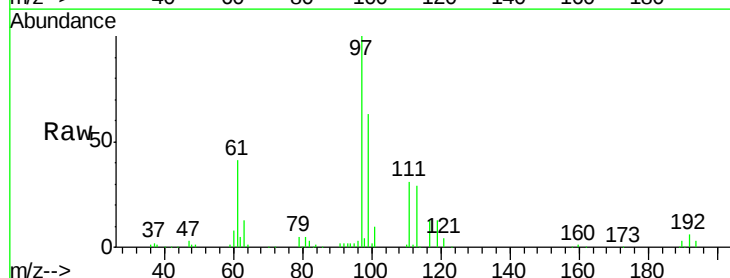
Tgt Ion: 97 Resp: 167892

Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

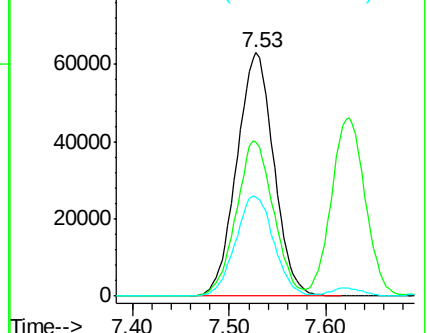
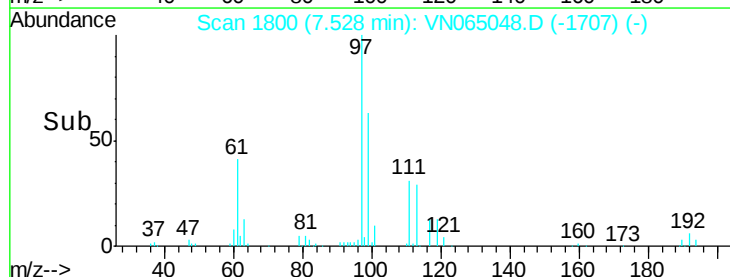
61 42.3 33.5 50.3

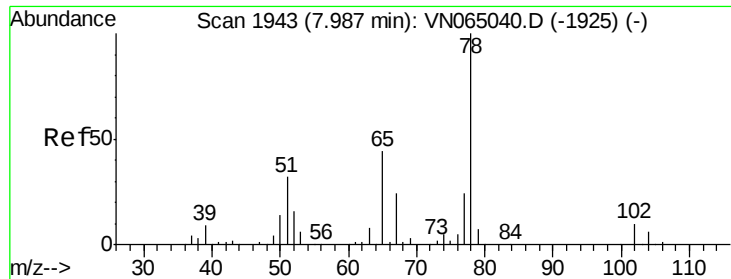


Abundance Ion 96.90 (96.60 to 97.60): VN065048.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN065048.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN065048.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 43.498 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

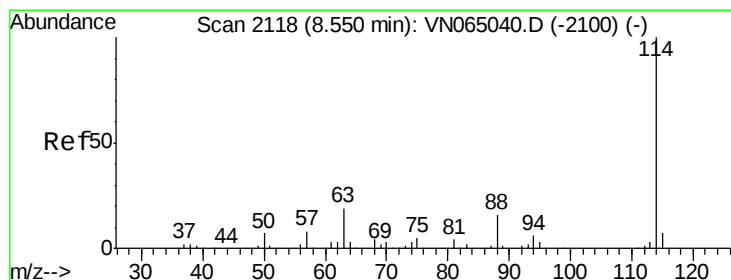
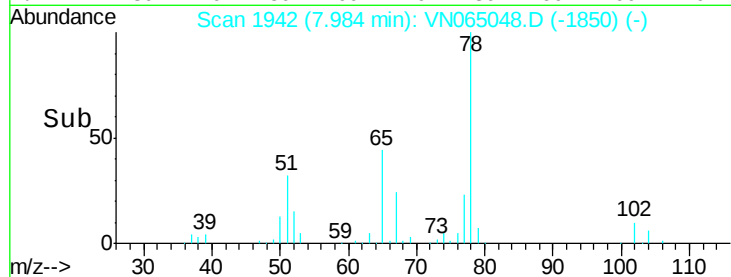
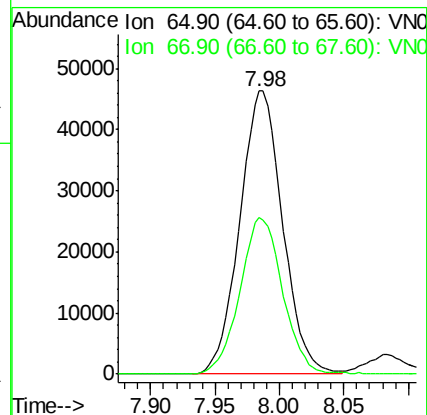
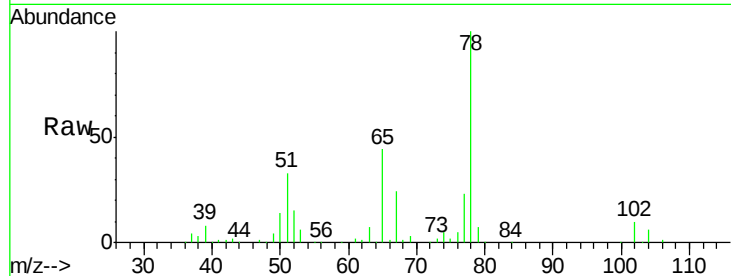
VSTDCCC050

Tgt Ion: 65 Resp: 107151

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

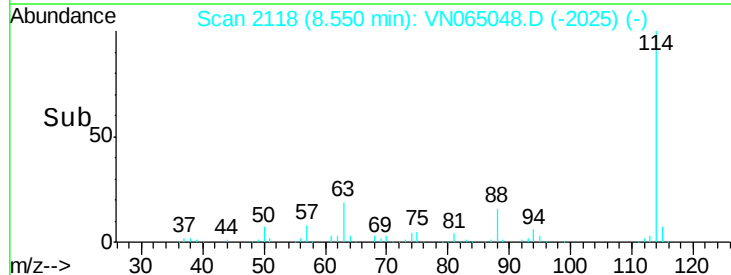
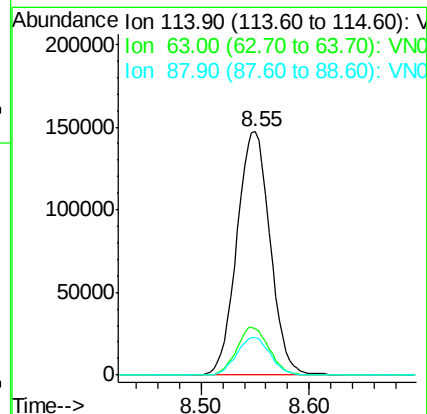
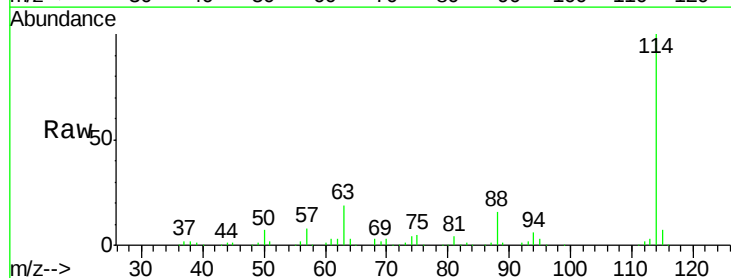
Tgt Ion: 114 Resp: 314651

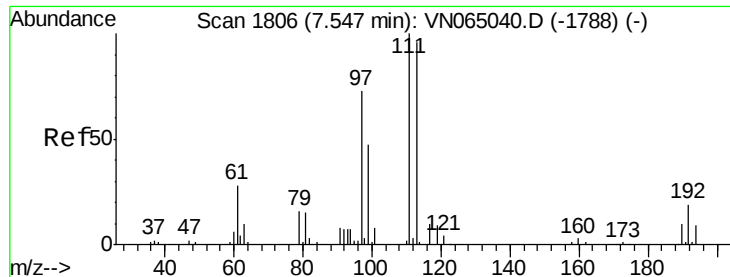
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.2

88 15.5 0.0 31.6

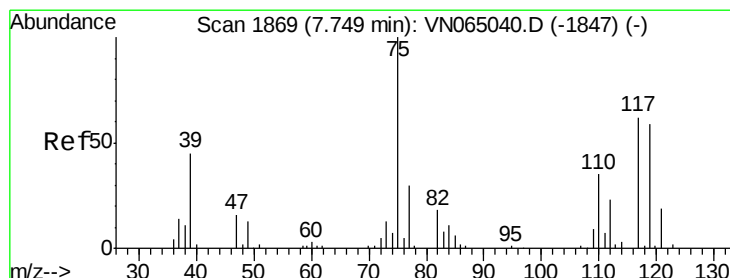
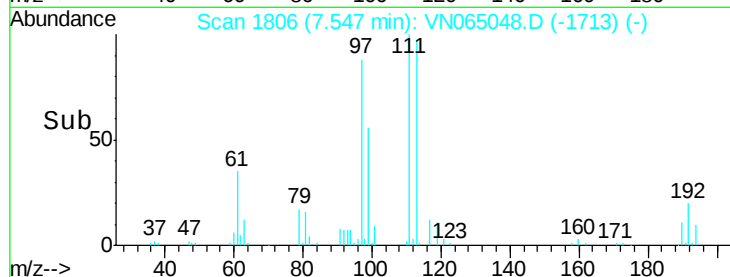
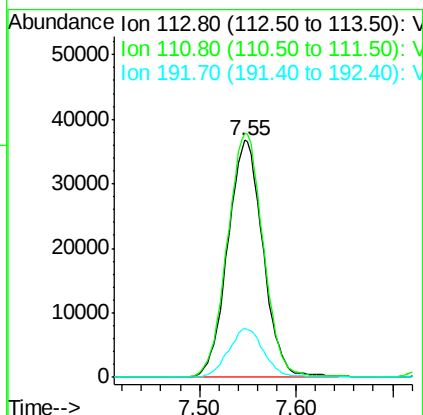
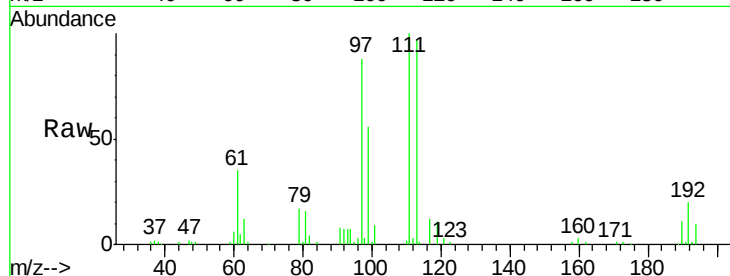




#35
 Dibromofluoromethane
 Concen: 44.738 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

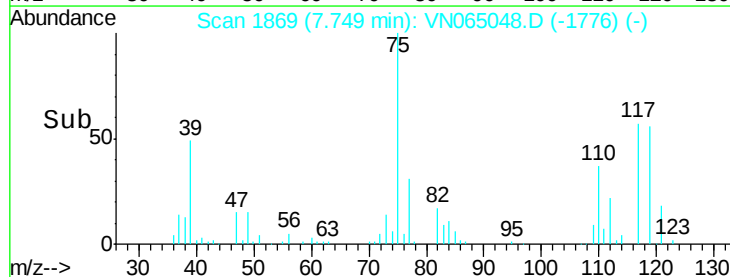
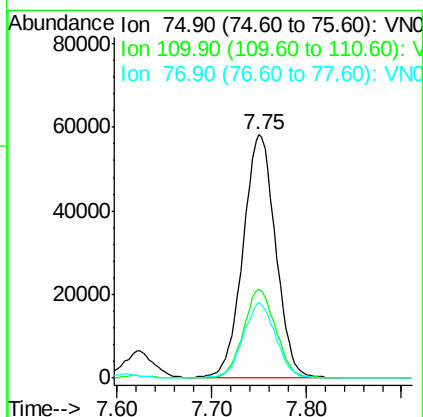
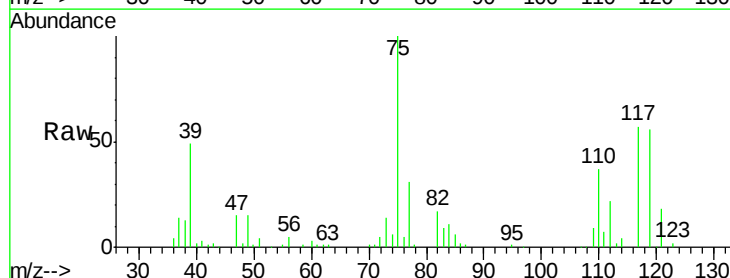
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

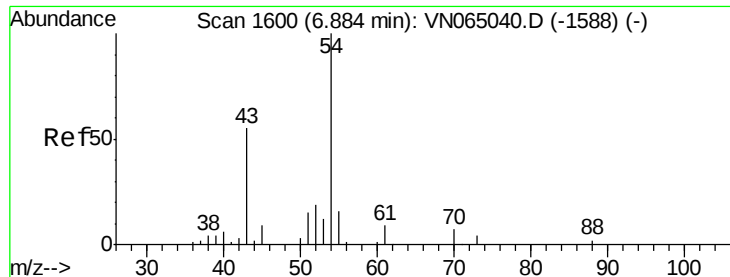
Tgt Ion: 113 Resp: 93128
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.4 125.0
 192 20.5 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 51.955 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 75 Resp: 139433
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.1
 77 30.9 24.5 36.7

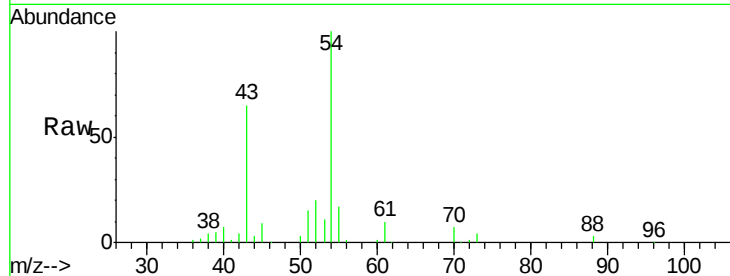




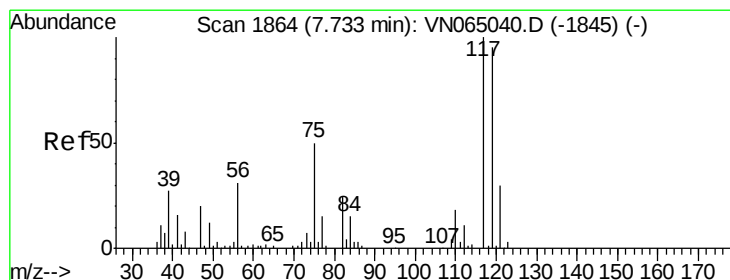
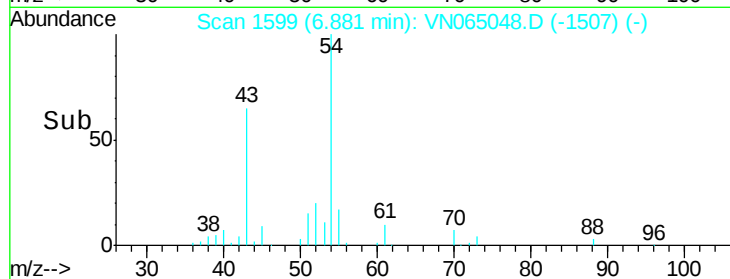
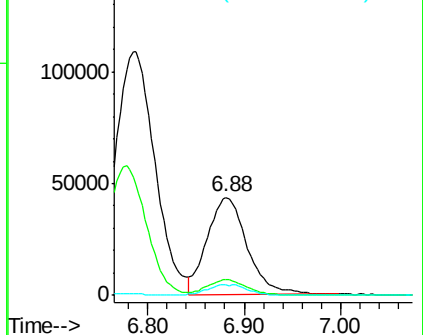
#37
Ethyl Acetate
Concen: 51.326 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 125246
Ion Ratio Lower Upper
43 100
61 16.0 11.9 17.9
70 6.2 9.2 13.8#

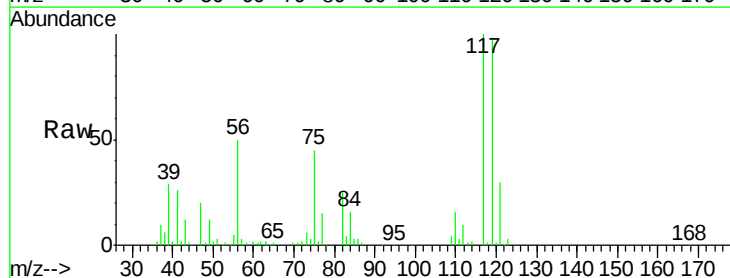


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

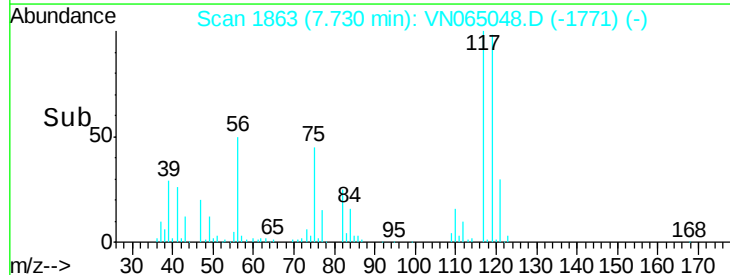
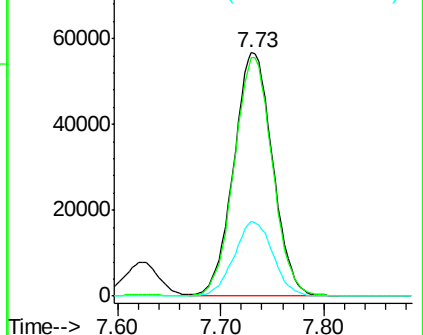


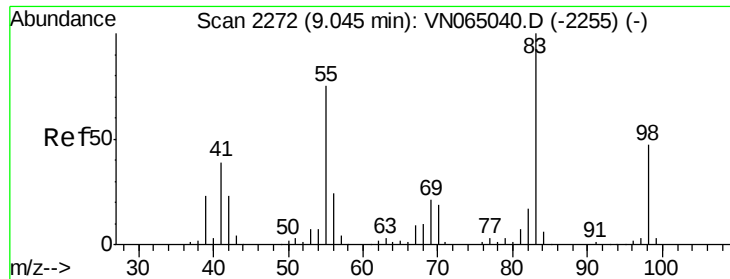
#38
Carbon Tetrachloride
Concen: 51.837 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 117 Resp: 147801
Ion Ratio Lower Upper
117 100
119 98.1 75.9 113.9
121 30.5 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

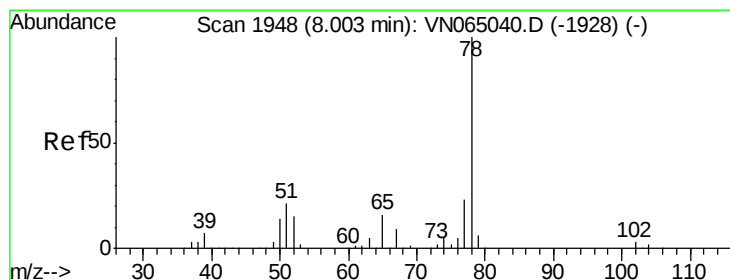
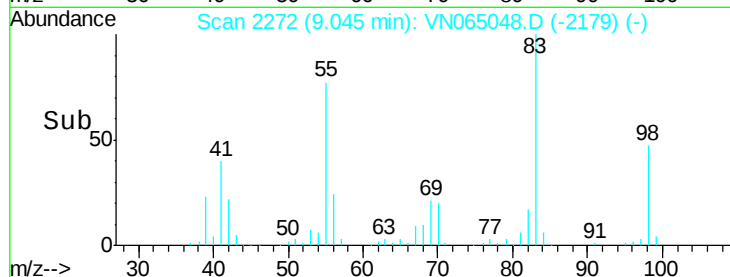
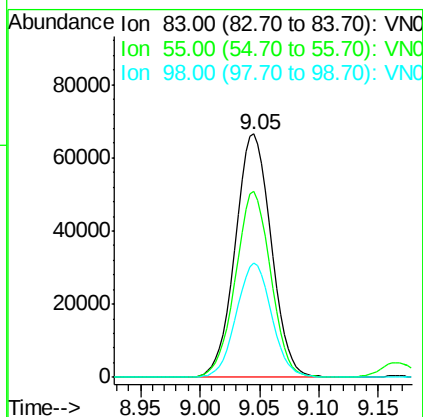
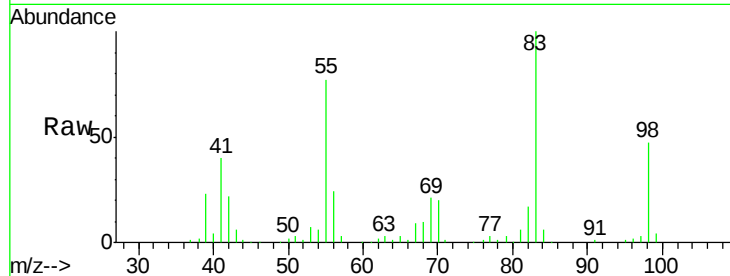




#39
Methylcyclohexane
Concen: 53.036 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

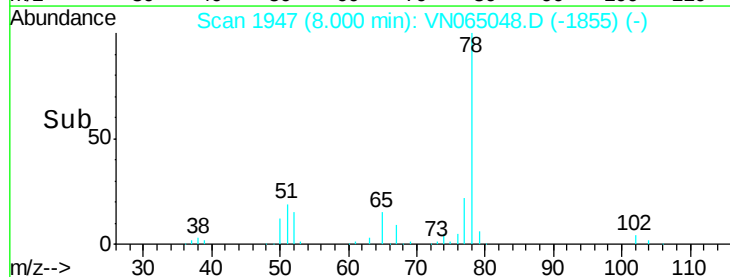
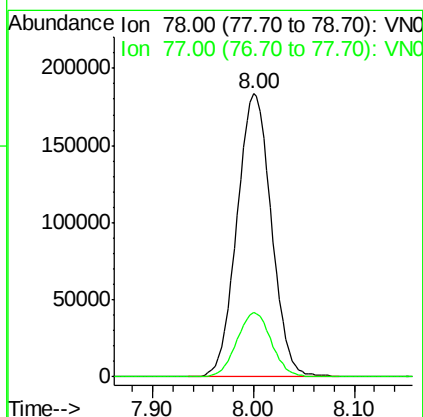
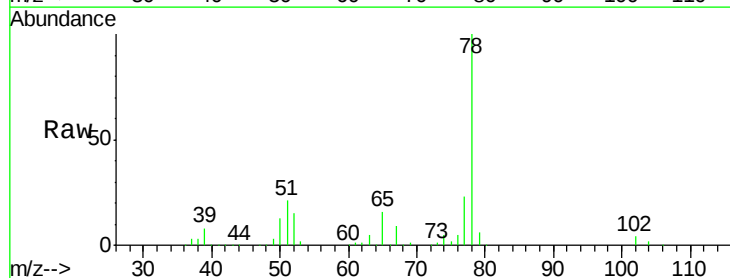
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

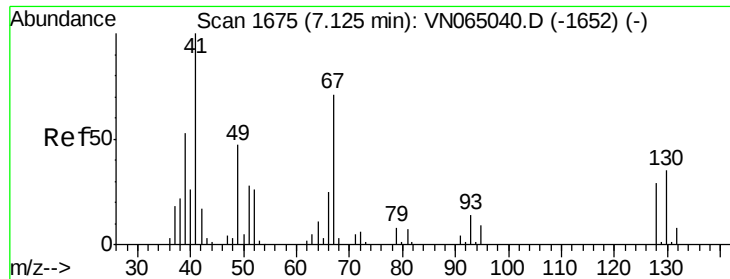
Tgt Ion: 83 Resp: 139887
Ion Ratio Lower Upper
83 100
55 76.5 60.3 90.5
98 47.2 37.4 56.0



#40
Benzene
Concen: 52.117 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 78 Resp: 433207
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1





#41

Methacrylonitrile

Concen: 47.876 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 60704

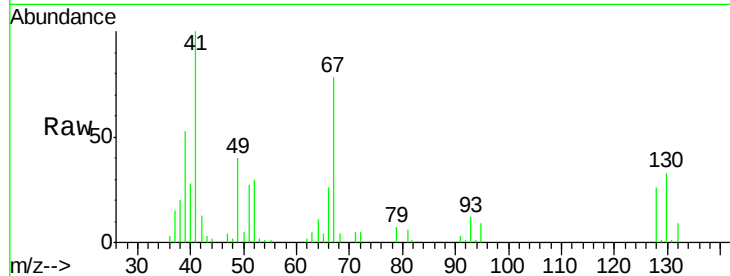
Ion Ratio Lower Upper

41 100

39 59.4 36.0 54.0#

67 92.4 64.8 97.2

52 36.1 25.4 38.2

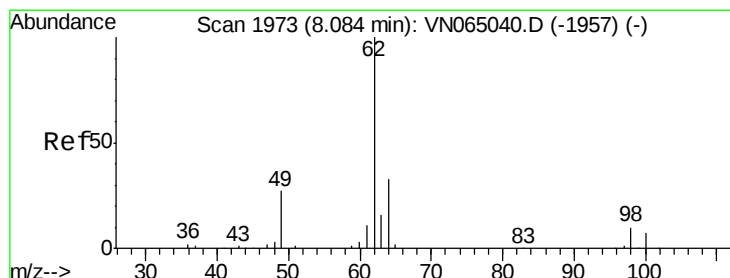
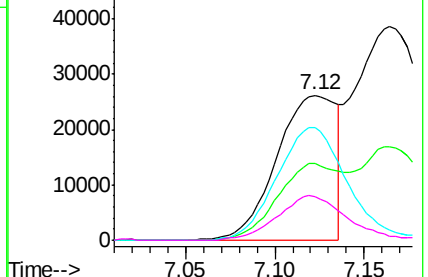
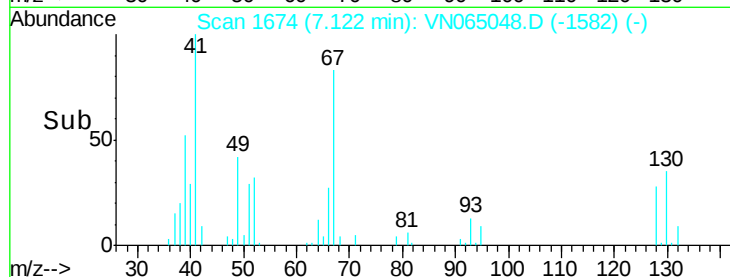


Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-1652) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-1652) (-)

Ion 67.00 (66.70 to 67.70): VN065040.D (-1652) (-)

Ion 52.00 (51.70 to 52.70): VN065040.D (-1652) (-)



#42

1,2-Dichloroethane

Concen: 51.102 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN065048.D

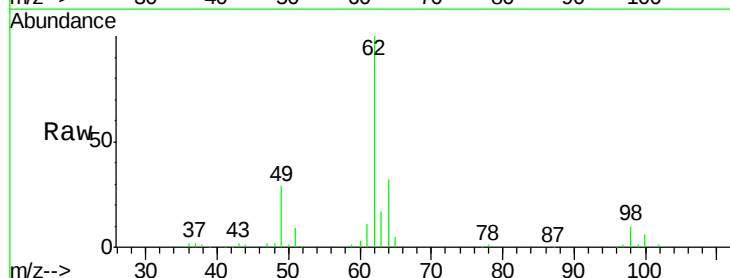
Acq: 10 Dec 2020 17:10

Tgt Ion: 62 Resp: 144033

Ion Ratio Lower Upper

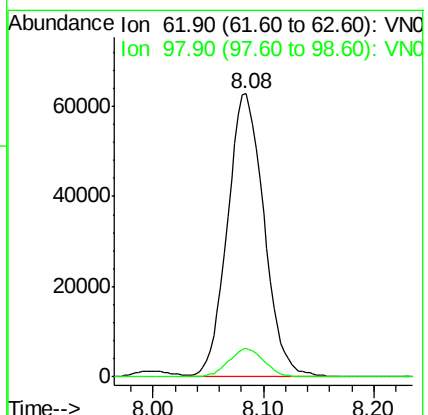
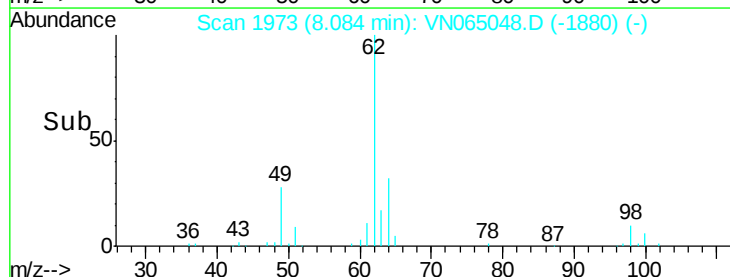
62 100

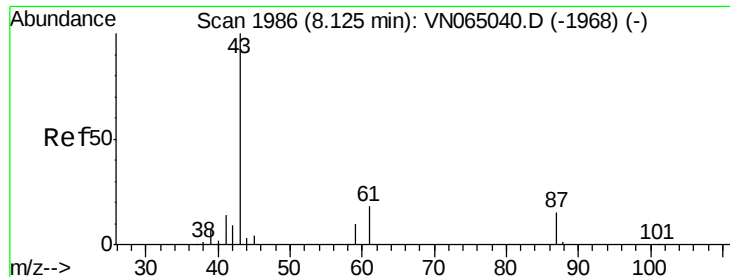
98 9.7 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VN065040.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN065040.D (-1957) (-)

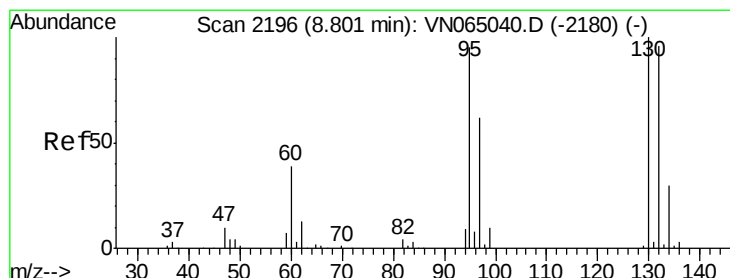
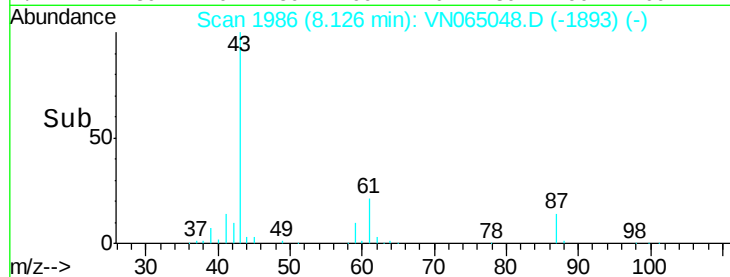
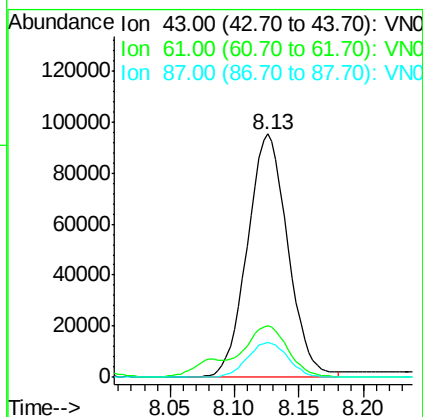
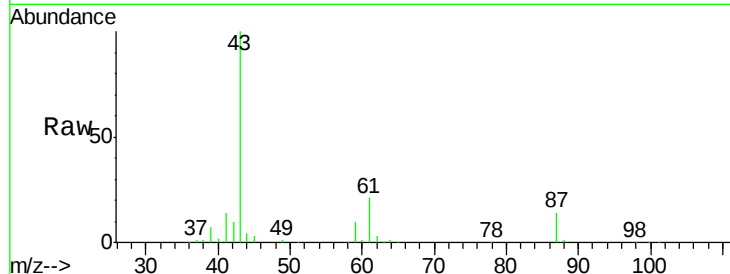




#43
Isopropyl Acetate
Concen: 51.431 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

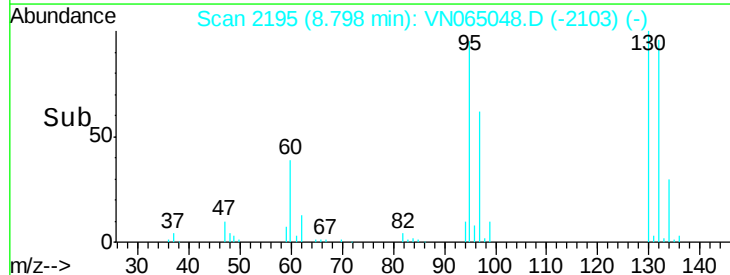
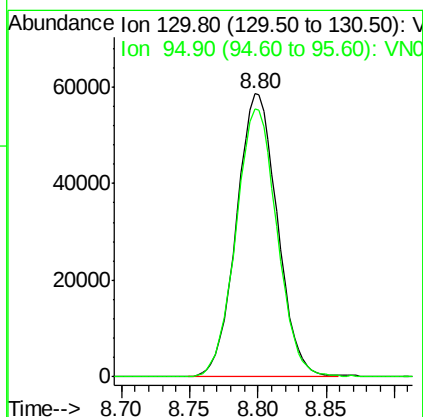
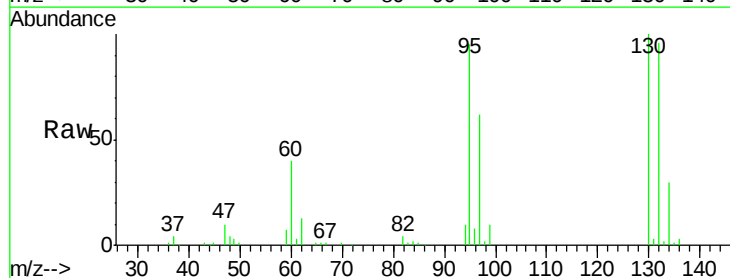
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

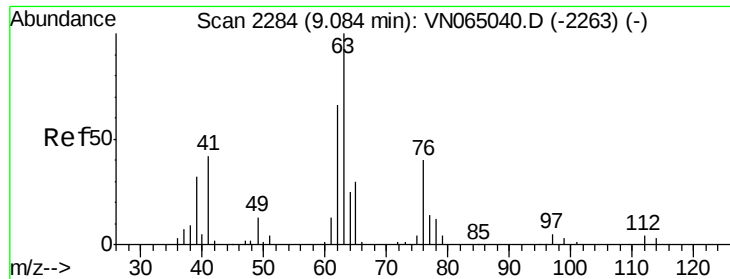
Tgt Ion: 43 Resp: 208615
Ion Ratio Lower Upper
43 100
61 22.7 16.9 25.3
87 14.3 11.4 17.2



#44
Trichloroethene
Concen: 52.401 ug/l
RT: 8.80 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 130 Resp: 121656
Ion Ratio Lower Upper
130 100
95 94.9 0.0 190.2

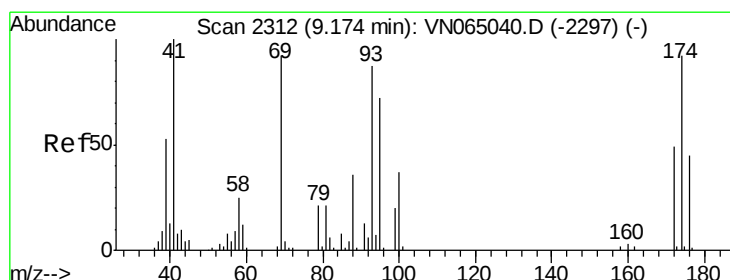
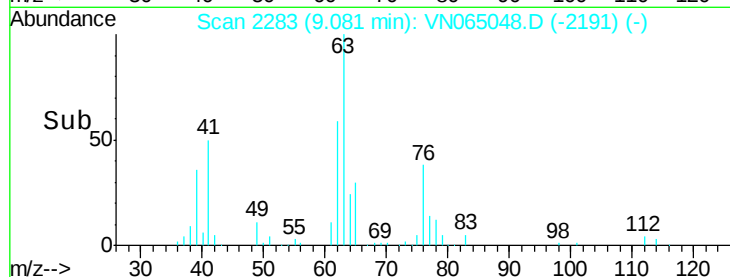
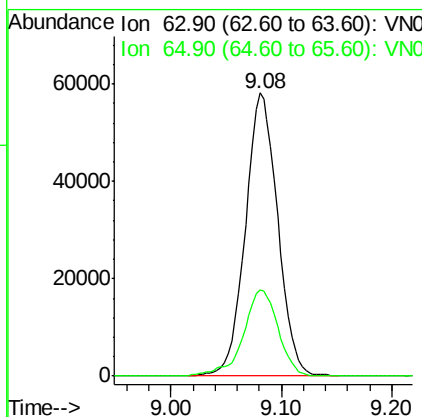
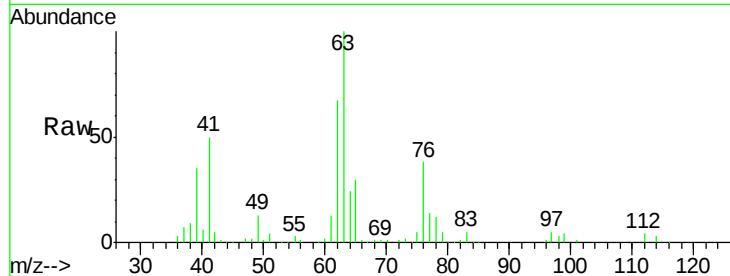




#45
 1,2-Dichloropropane
 Concen: 52.379 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

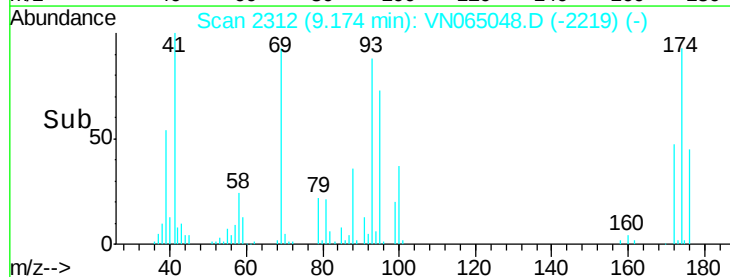
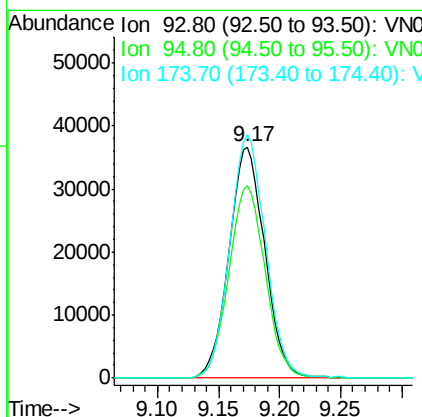
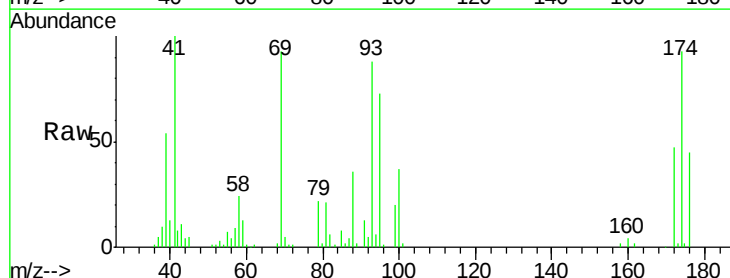
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

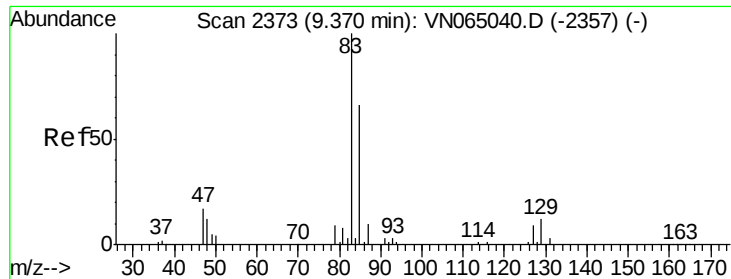
Tgt Ion: 63 Resp: 117776
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.0 36.0



#46
 Dibromomethane
 Concen: 51.340 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 93 Resp: 74784
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.7 98.5
 174 105.0 83.0 124.4





#47

Bromodichloromethane

Concen: 52.893 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

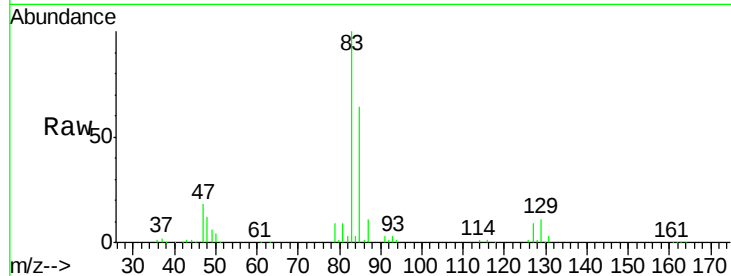
Tgt Ion: 83 Resp: 157817

Ion Ratio Lower Upper

83 100

85 64.1 52.5 78.7

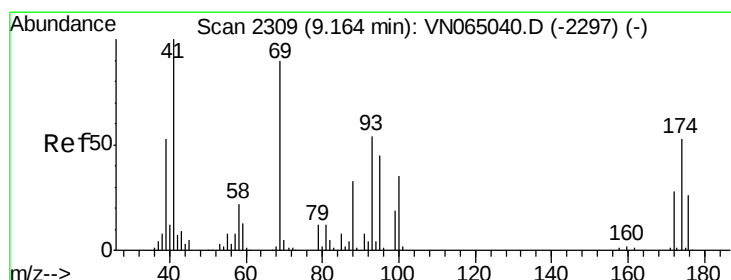
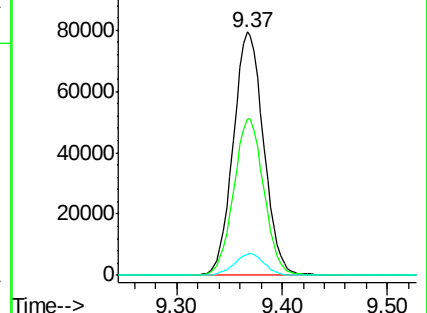
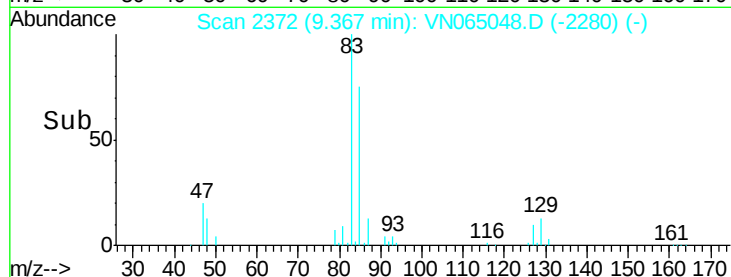
127 8.8 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN065048.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN065048.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN065048.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.030 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

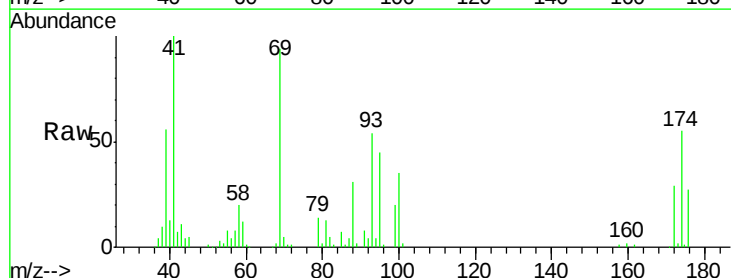
Tgt Ion: 41 Resp: 102112

Ion Ratio Lower Upper

41 100

69 93.9 72.1 108.1

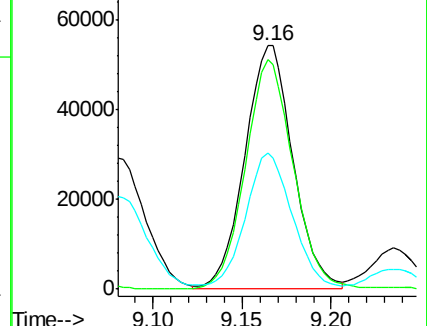
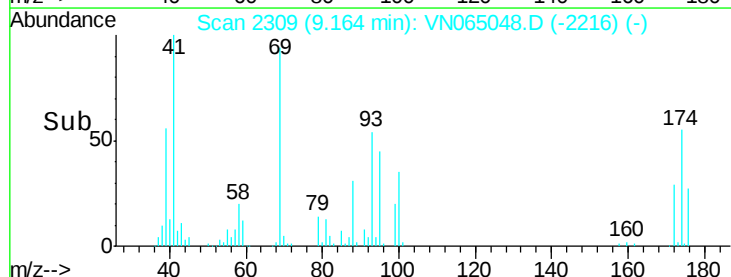
39 54.0 43.8 65.6

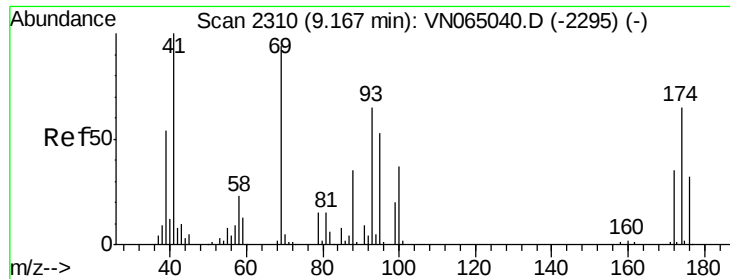


Abundance Ion 41.00 (40.70 to 41.70): VN065048.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN065048.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN065048.D (-2216) (-)

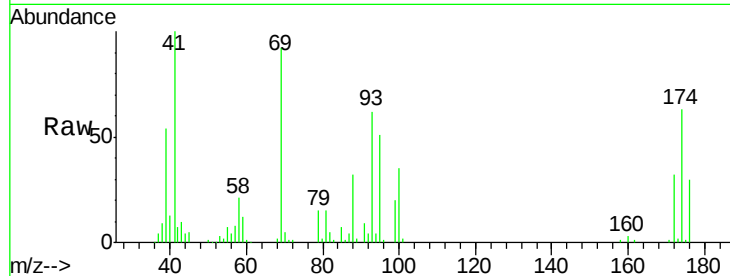




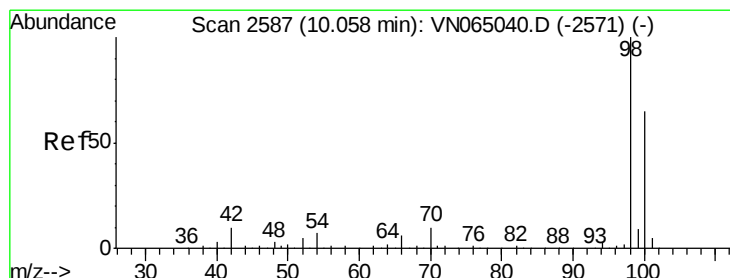
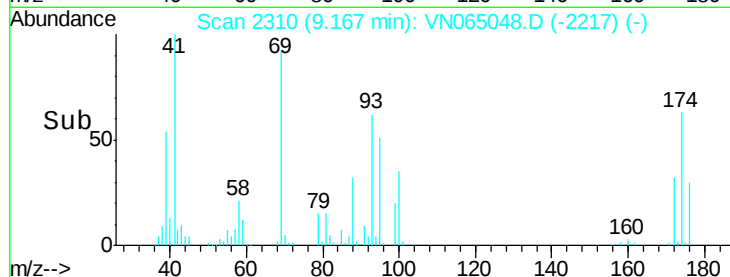
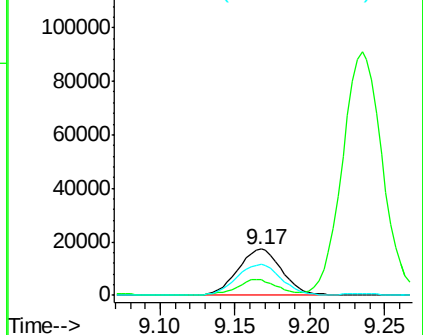
#49
 1,4-Dioxane
 Concen: 1018.202 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 35400
 Ion Ratio Lower Upper
 88 100
 43 29.2 21.1 31.7
 58 68.5 53.8 80.8

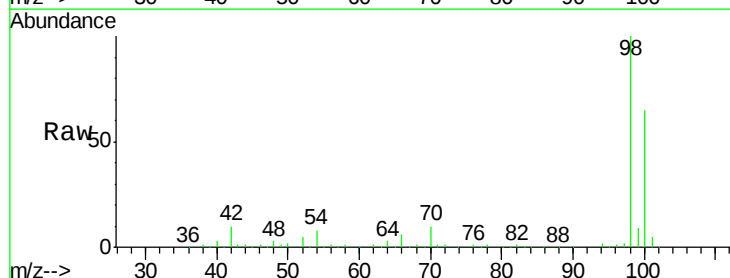


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

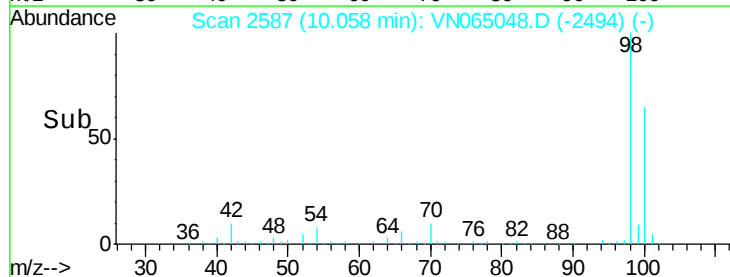
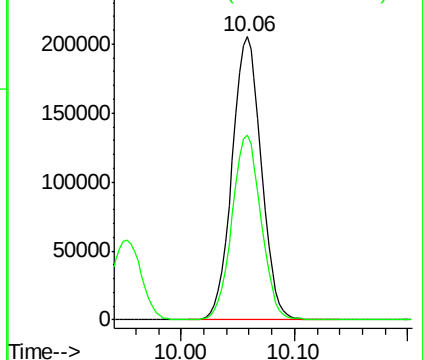


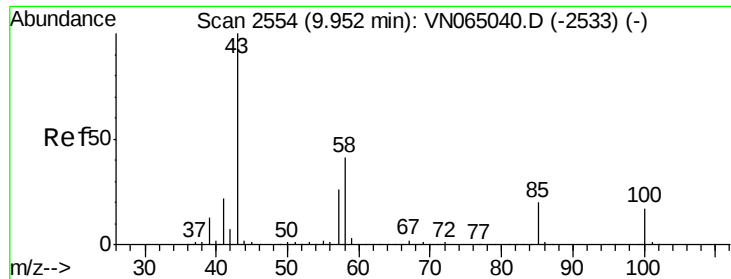
#50
 Toluene-d8
 Concen: 46.185 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 98 Resp: 368838
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.6 77.4



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: 263.047 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

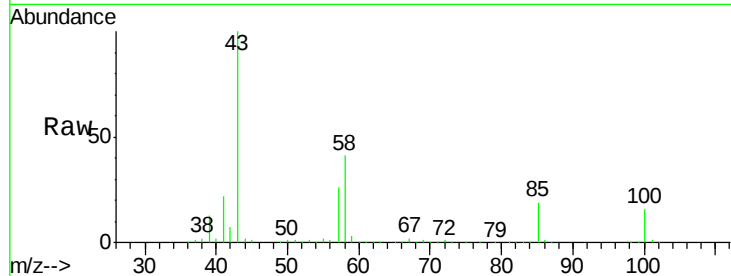
VSTDCCC050

Tgt Ion: 43 Resp: 637890

Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-2533) (-)

9.95

400000

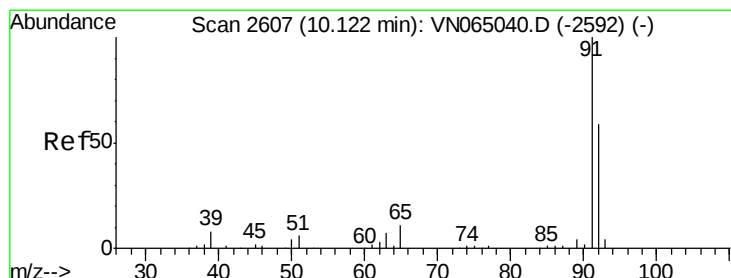
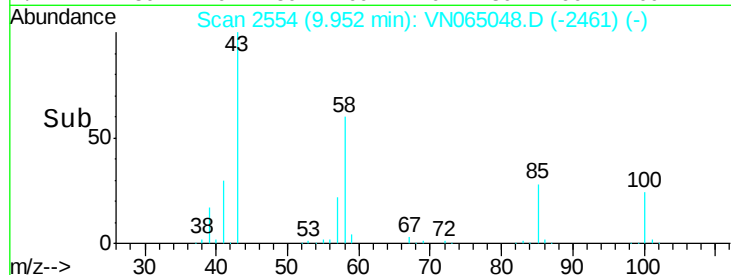
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.732 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN065048.D

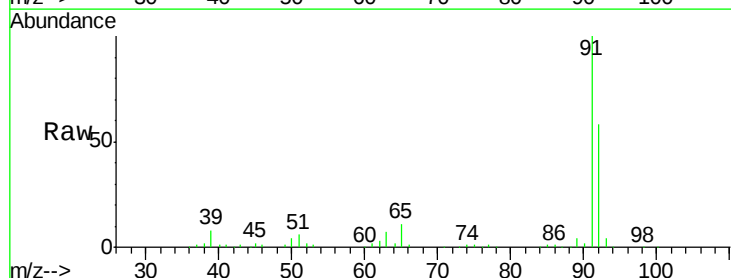
Acq: 10 Dec 2020 17:10

Tgt Ion: 92 Resp: 274675

Ion Ratio Lower Upper

92 100

91 172.8 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN065040.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN065040.D (-2592) (-)

10.12

300000

250000

200000

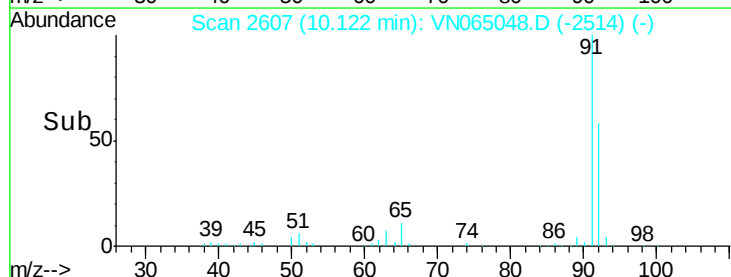
150000

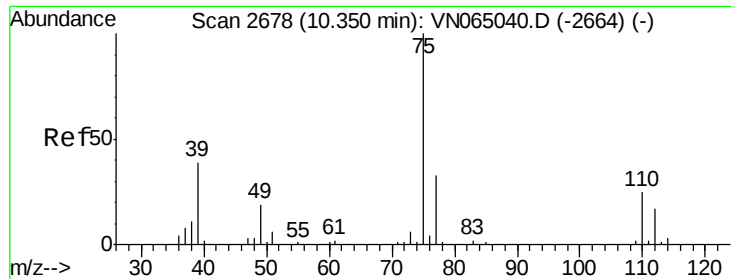
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.206 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

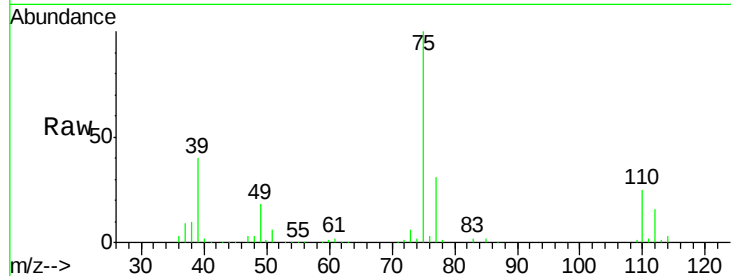
VSTDCCC050

Tgt Ion: 75 Resp: 169187

Ion Ratio Lower Upper

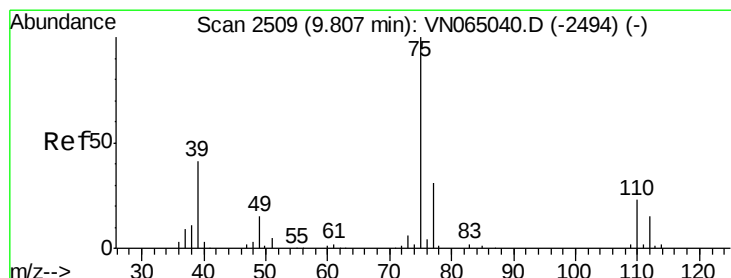
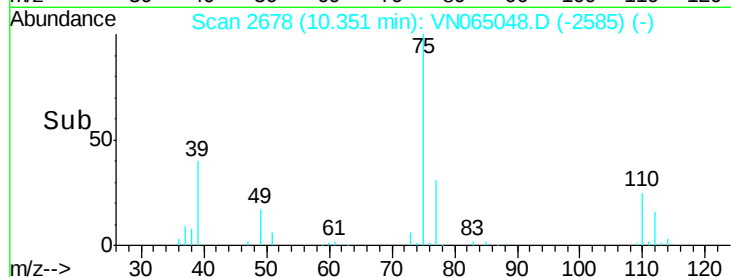
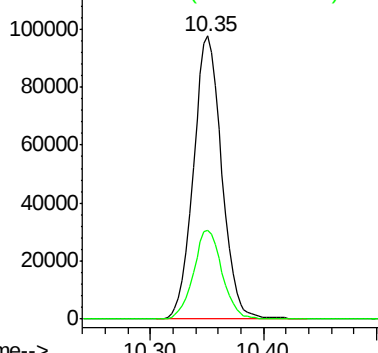
75 100

77 31.5 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.486 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

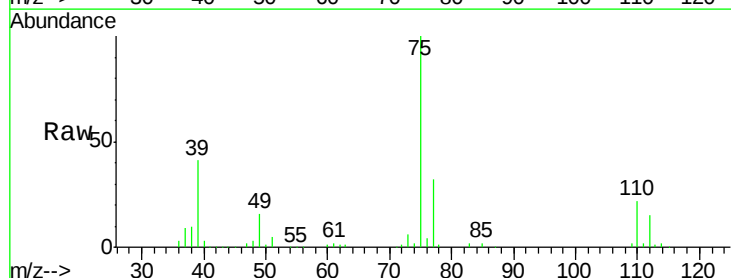
Tgt Ion: 75 Resp: 190232

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

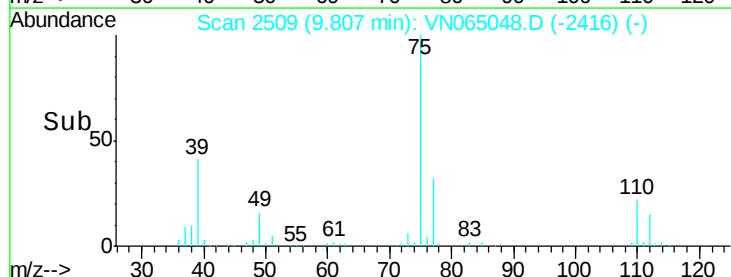
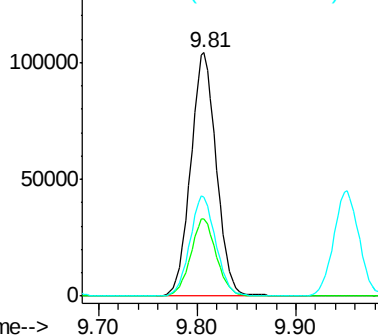
39 40.8 33.0 49.4

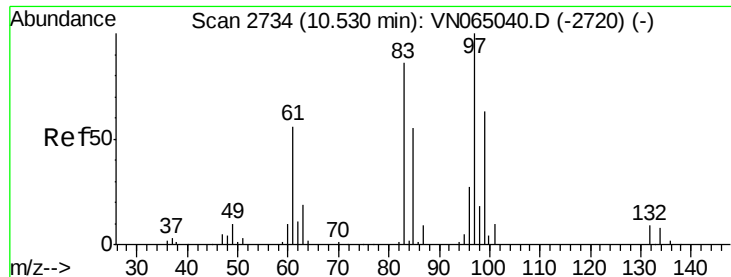


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

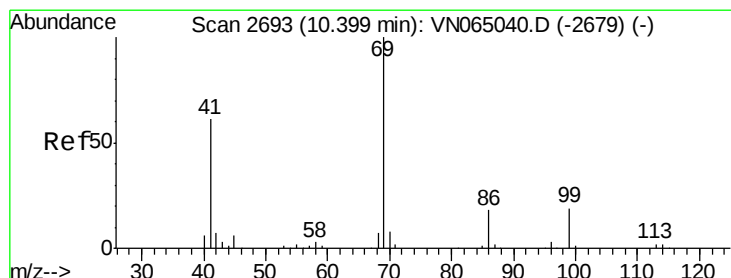
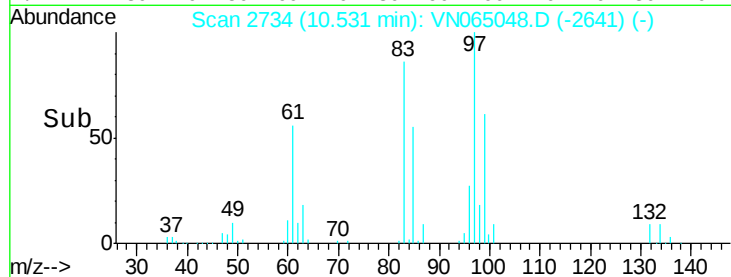
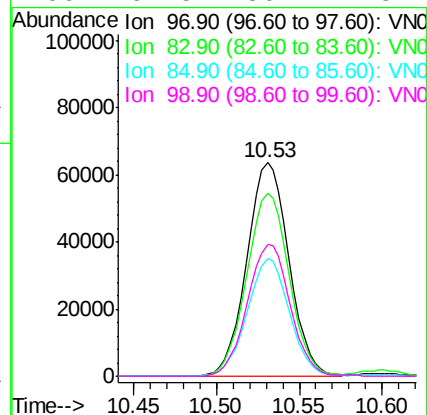
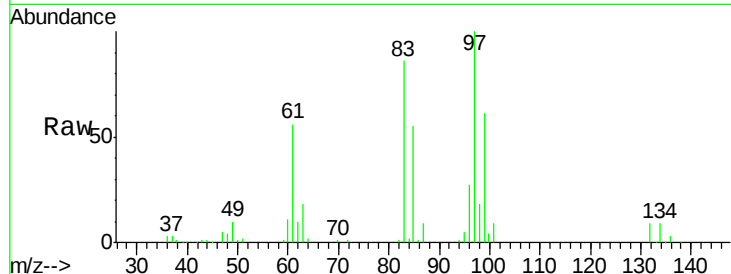




#55
 1,1,2-Trichloroethane
 Concen: 52.170 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

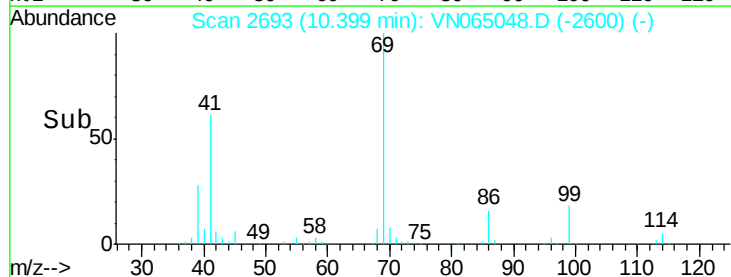
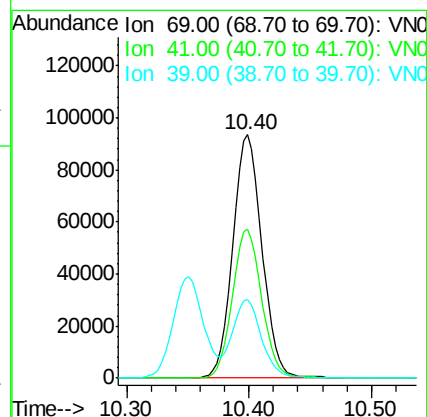
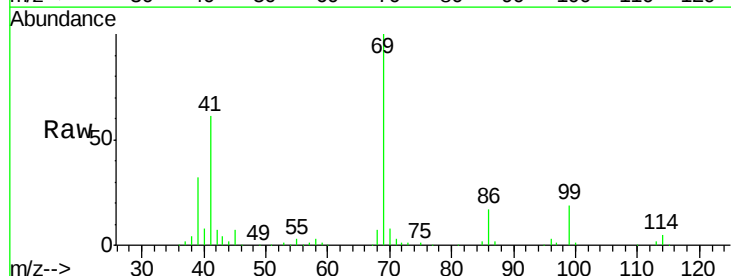
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

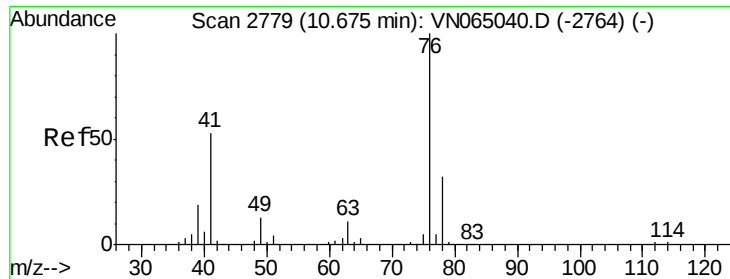
Tgt Ion:	97	Resp:	112515
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.0	103.6
85	55.1	43.6	65.4
99	61.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 54.860 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion:	69	Resp:	156246
Ion	Ratio	Lower	Upper
69	100		
41	60.8	48.2	72.2
39	31.6	24.7	37.1

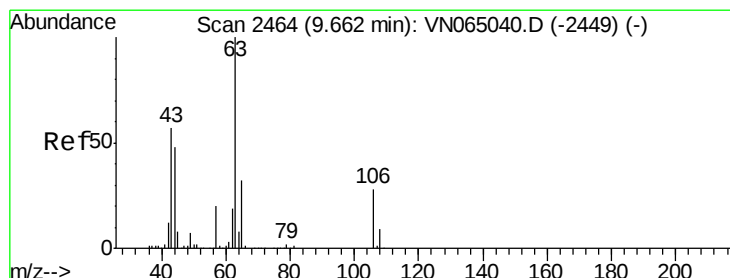
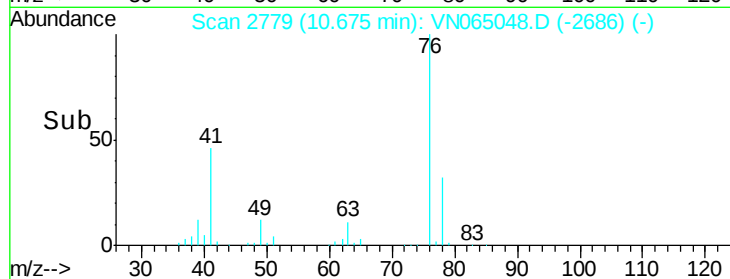
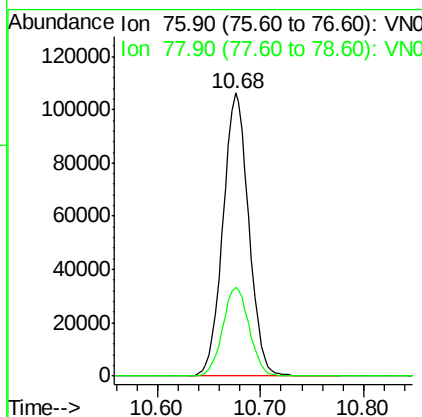
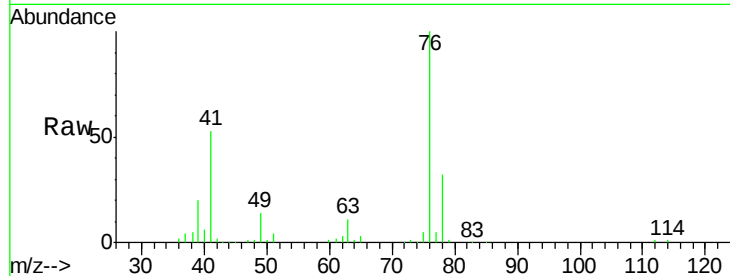




#57
 1,3-Dichloropropane
 Concen: 52.182 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

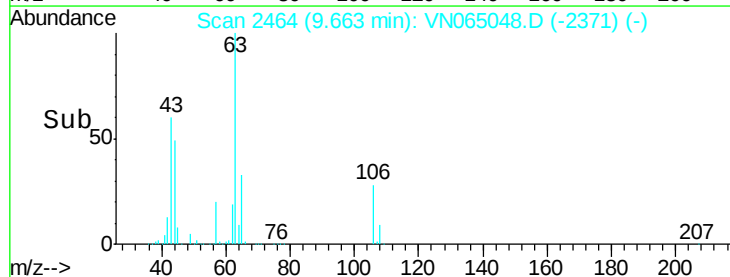
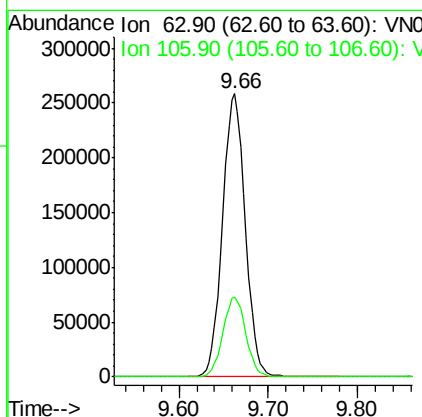
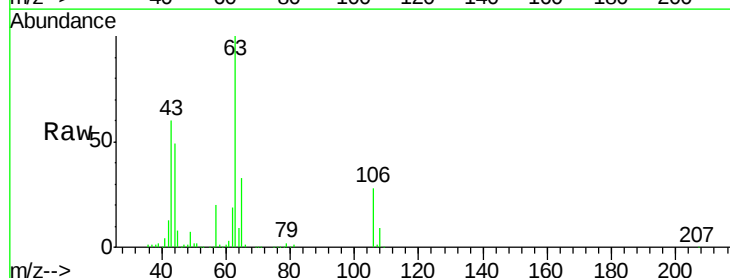
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

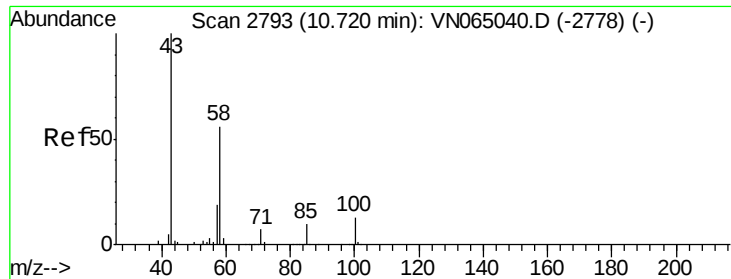
Tgt Ion: 76 Resp: 185153
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.533 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 63 Resp: 456116
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.6 33.8

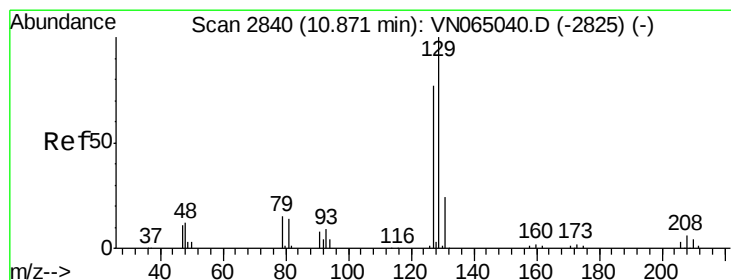
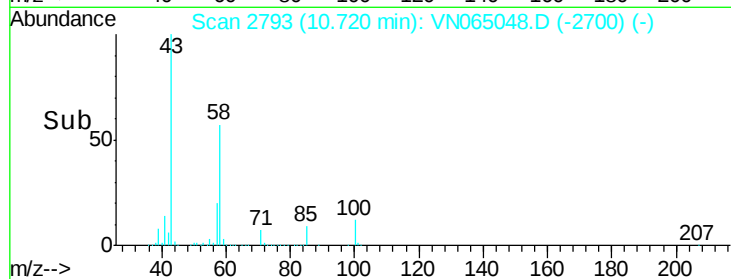
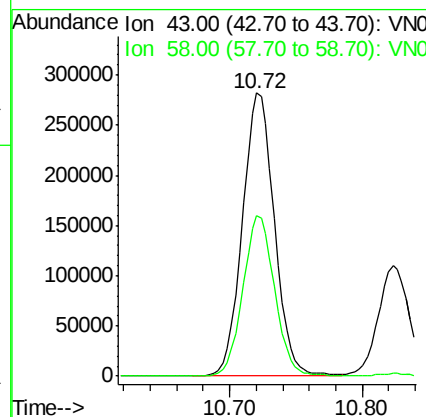
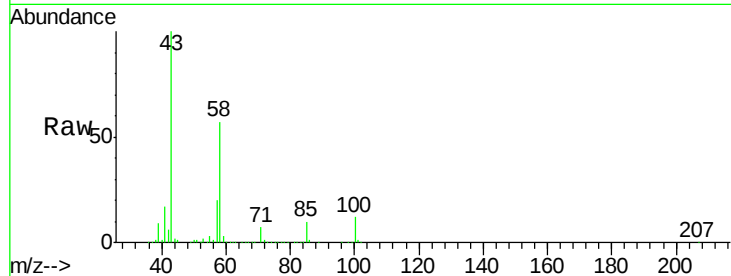




#59
2-Hexanone
Concen: 269.650 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

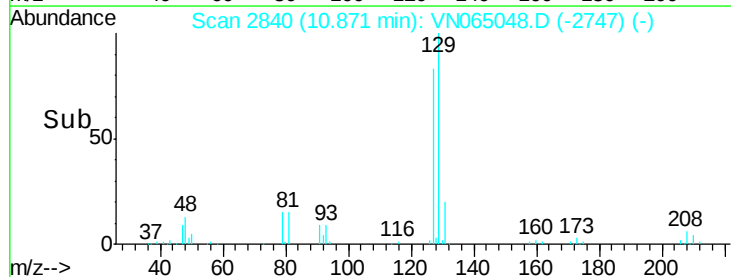
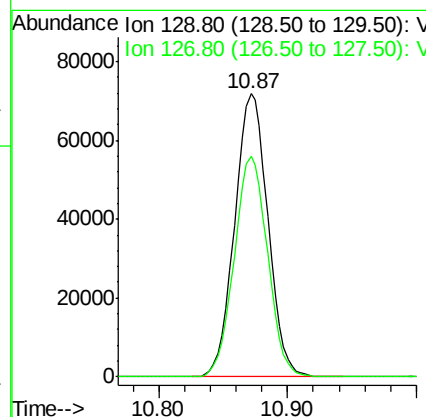
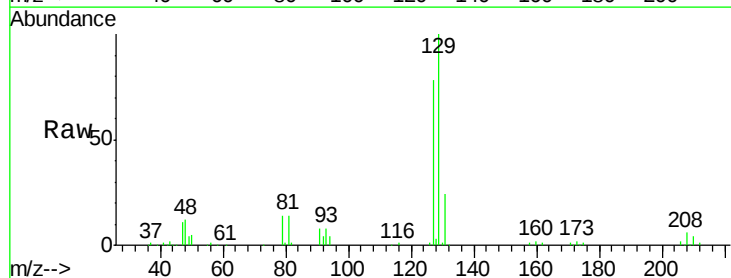
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

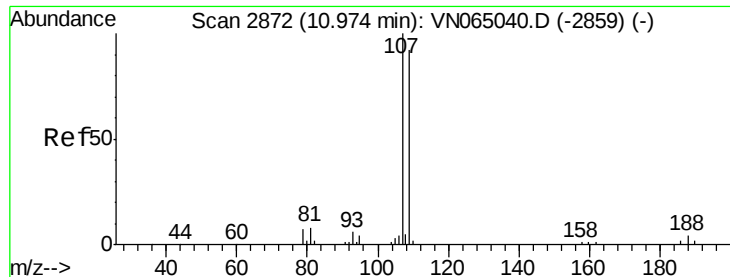
Tgt Ion: 43 Resp: 471091
Ion Ratio Lower Upper
43 100
58 56.3 28.3 84.9



#60
Dibromochloromethane
Concen: 52.357 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 129 Resp: 128476
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1

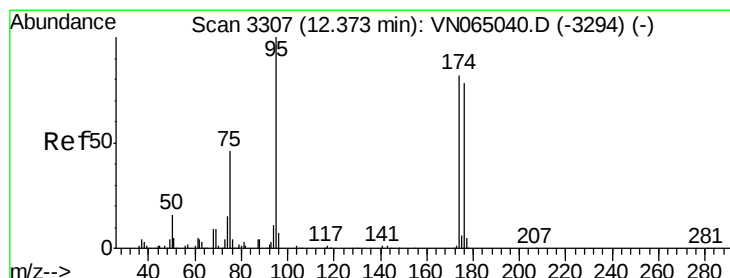
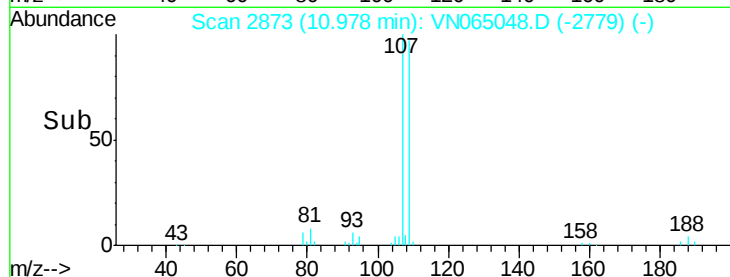
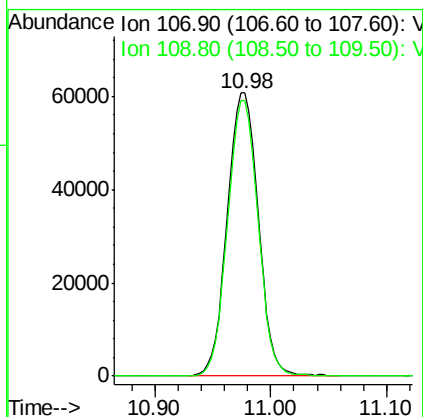
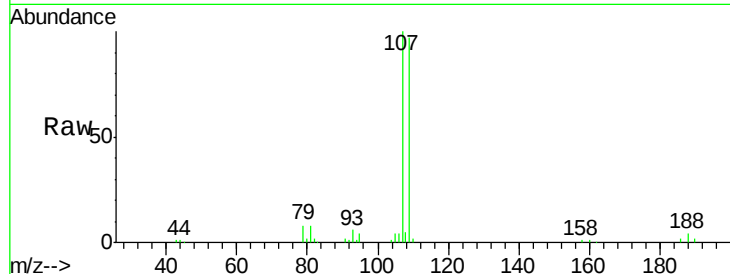




#61
 1,2-Dibromoethane
 Concen: 52.128 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

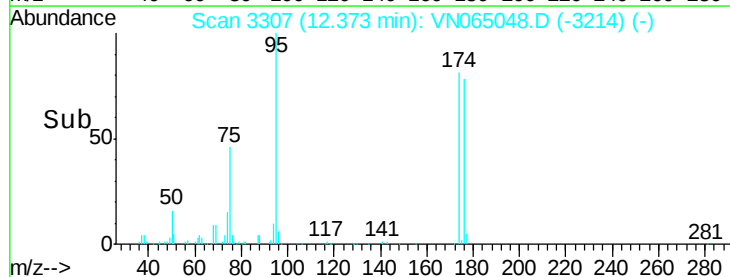
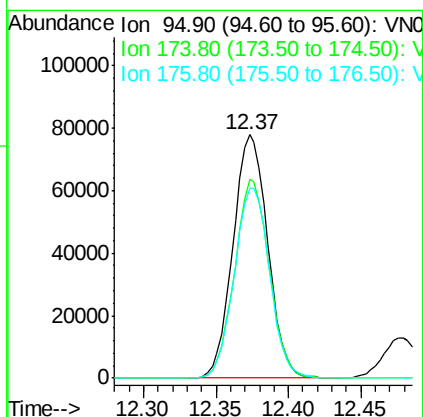
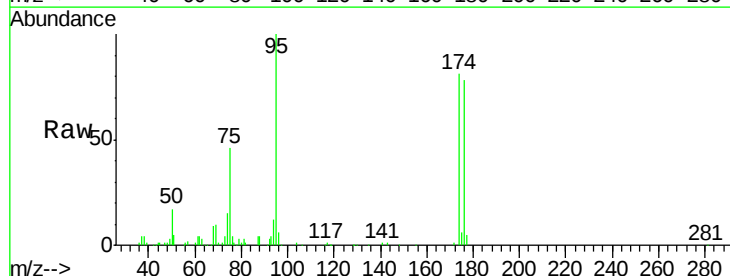
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

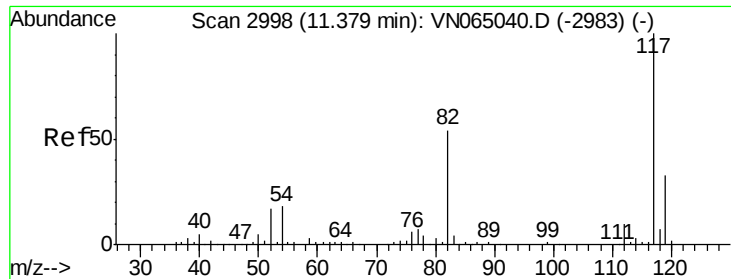
Tgt Ion: 107 Resp: 112536
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 47.282 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 95 Resp: 129422
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 164.8
 176 79.5 0.0 158.8

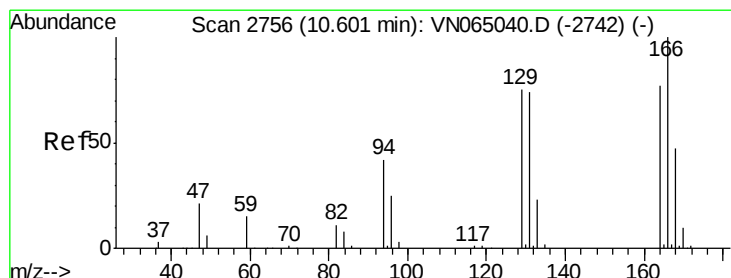
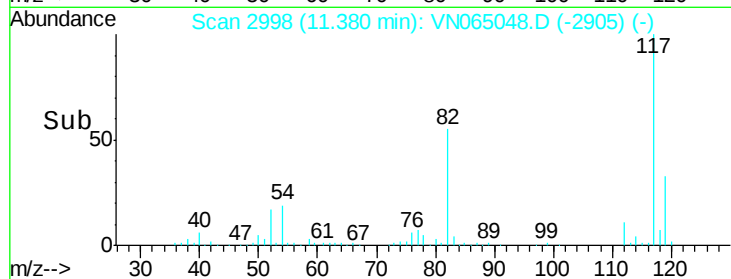
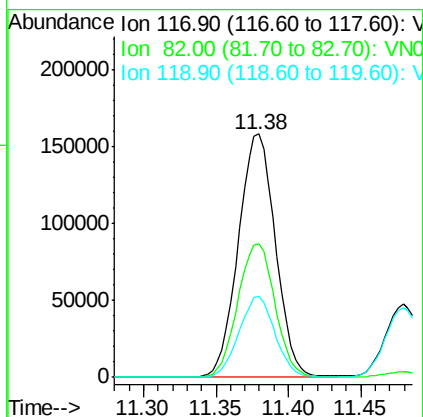
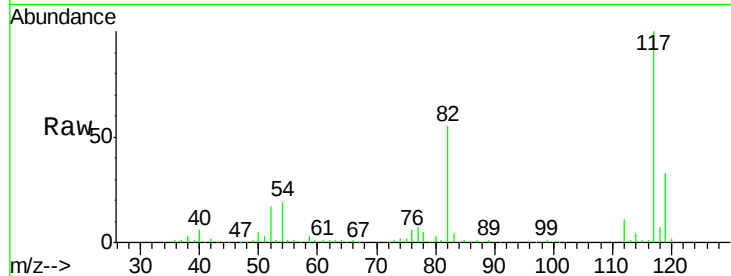




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

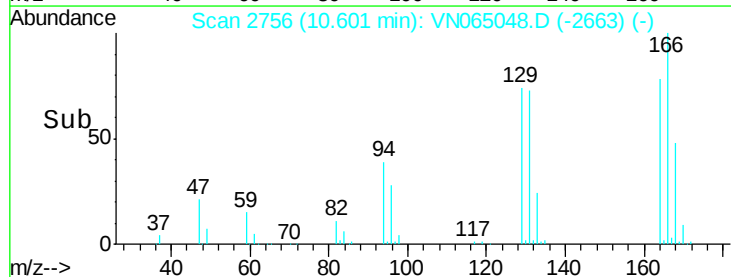
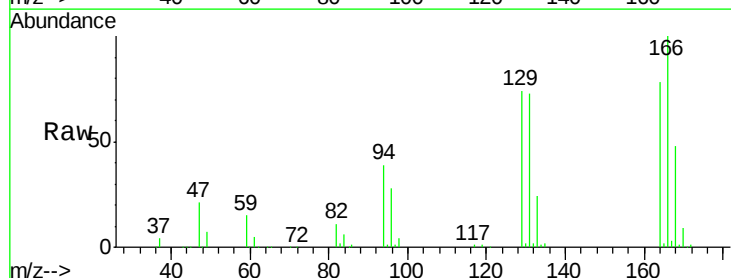
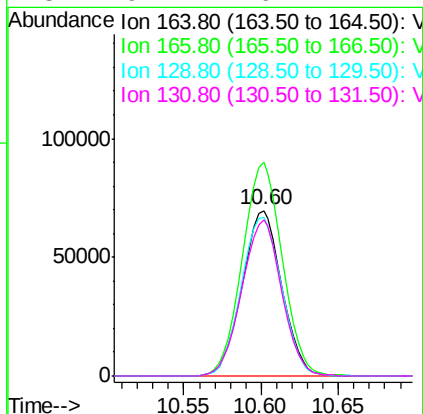
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

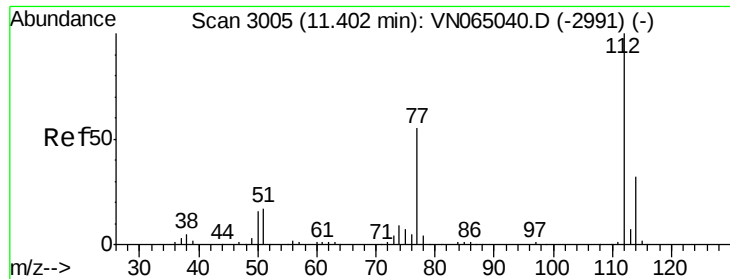
Tgt Ion:117 Resp: 282350
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 33.2 26.4 39.6



#64
Tetrachloroethene
Concen: 51.580 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion:164 Resp: 123746
Ion Ratio Lower Upper
164 100
166 128.9 103.3 154.9
129 95.7 77.0 115.4
131 94.4 76.1 114.1





#65

Chlorobenzene

Concen: 52.893 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

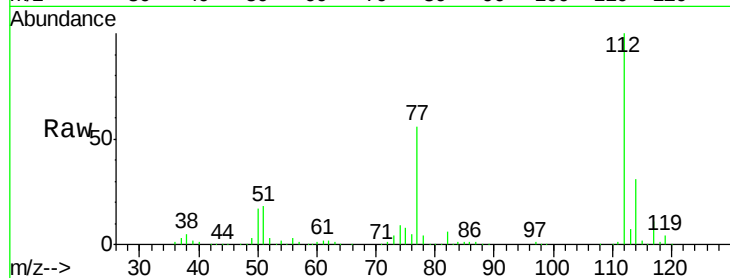
VSTDCCC050

Tgt Ion:112 Resp: 305882

Ion Ratio Lower Upper

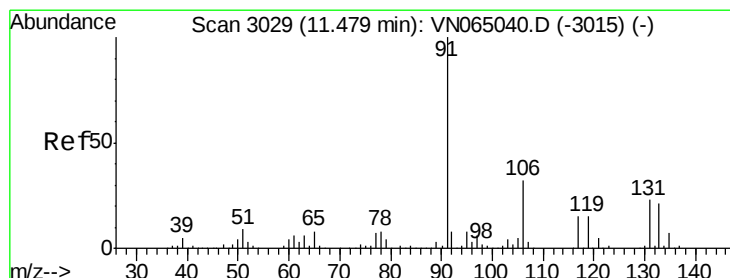
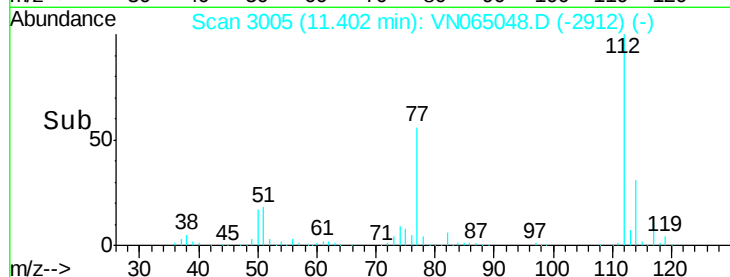
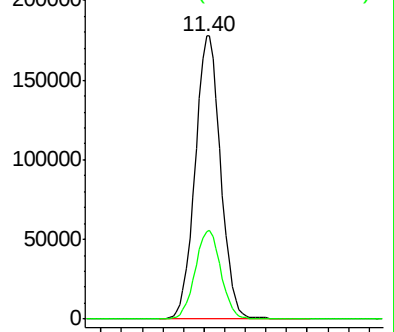
112 100

114 31.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.163 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

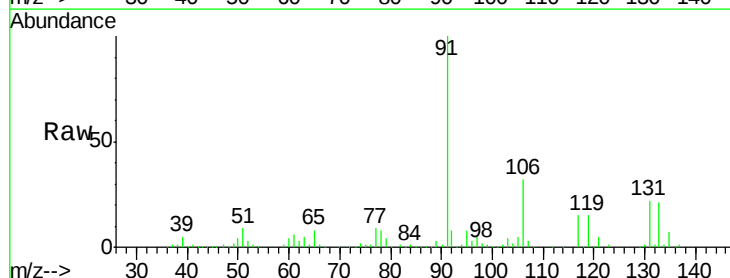
Tgt Ion:131 Resp: 115955

Ion Ratio Lower Upper

131 100

133 98.2 48.7 146.1

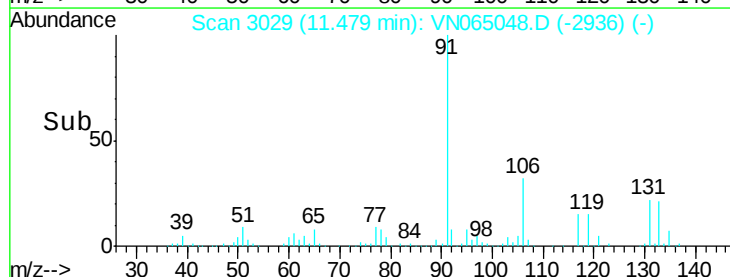
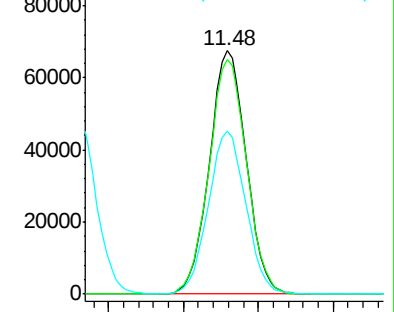
119 67.9 33.2 99.6

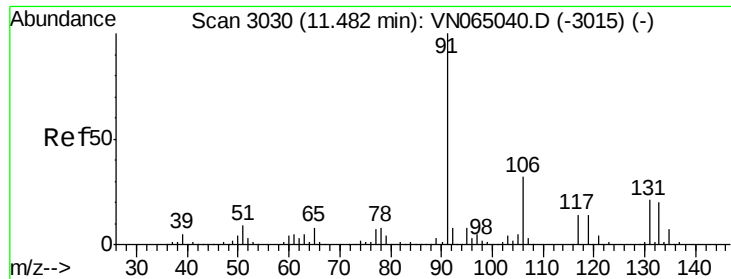


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

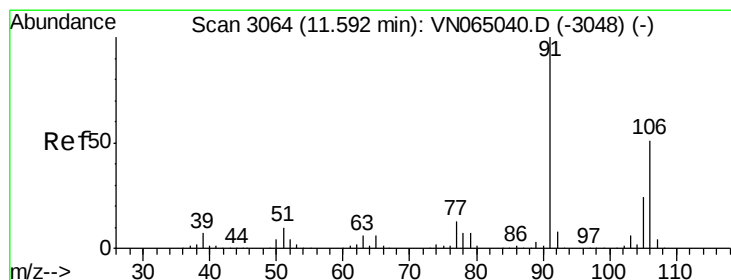
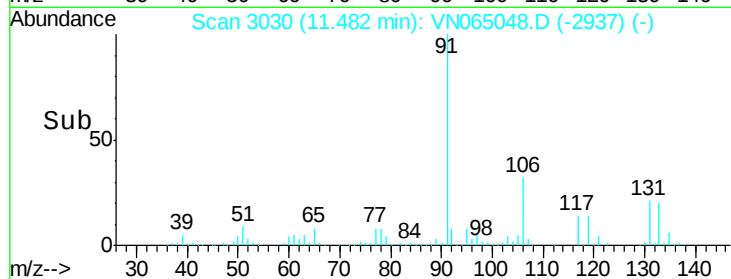
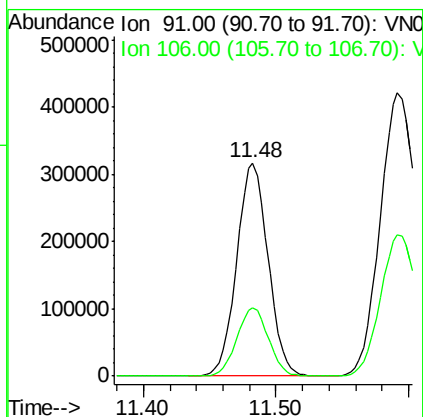
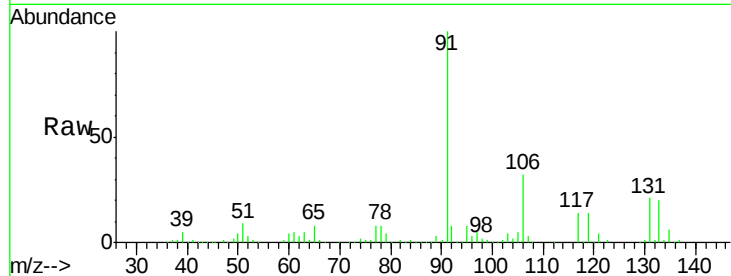




#67
Ethyl Benzene
Concen: 54.019 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

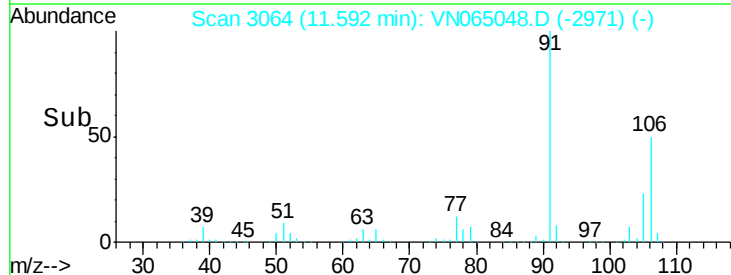
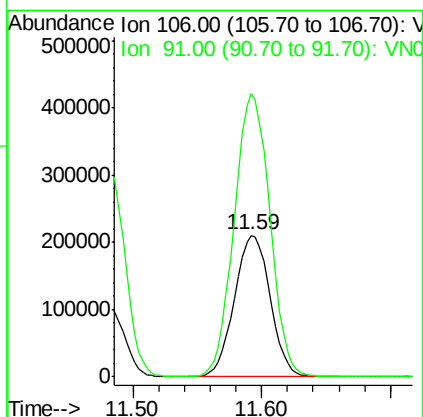
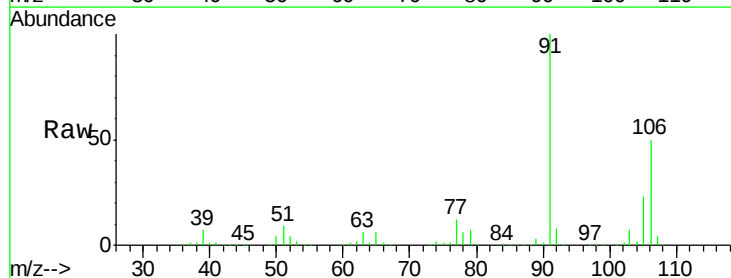
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

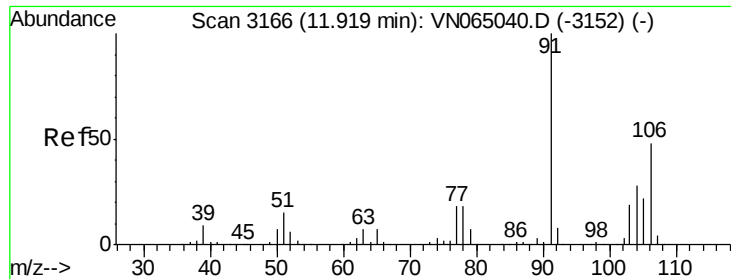
Tgt Ion: 91 Resp: 521223
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 108.483 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 106 Resp: 405663
Ion Ratio Lower Upper
106 100
91 200.1 157.0 235.6

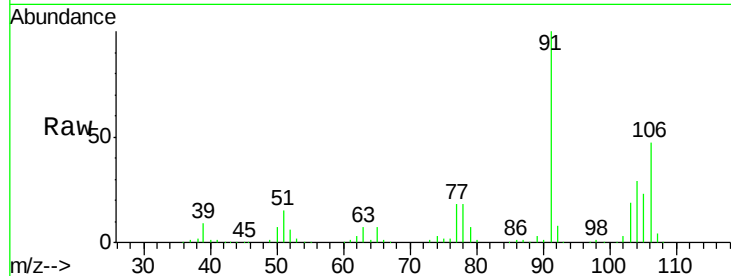




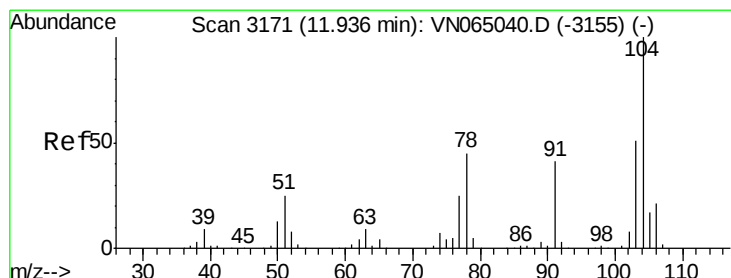
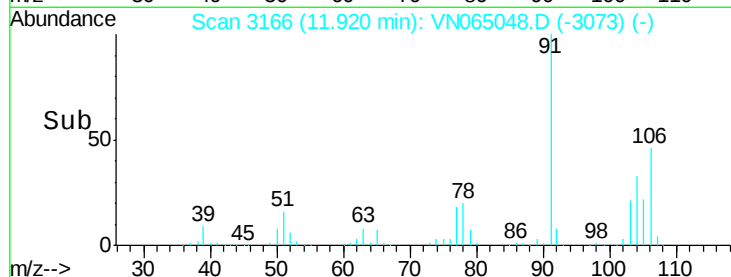
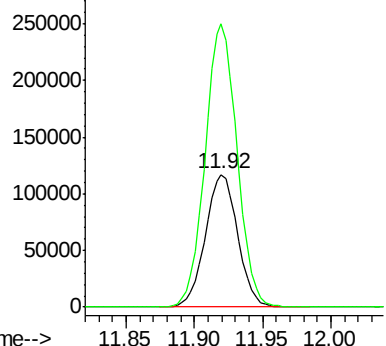
#69
o-Xylene
Concen: 53.748 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 191818
Ion Ratio Lower Upper
106 100
91 211.4 104.1 312.3

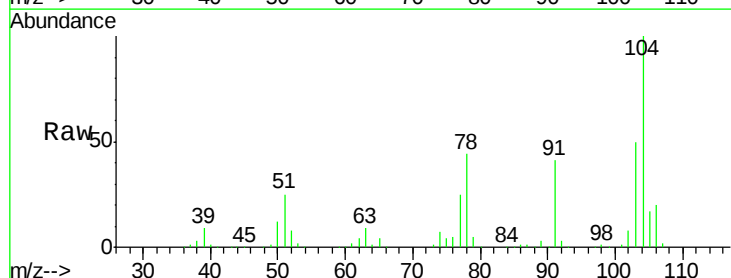


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

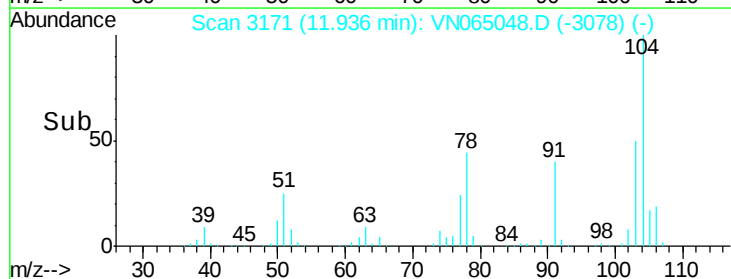
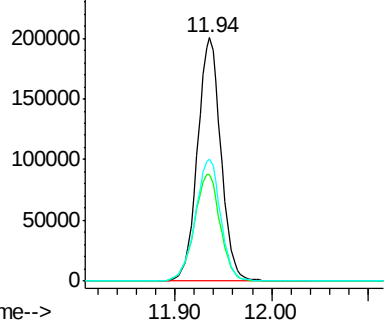


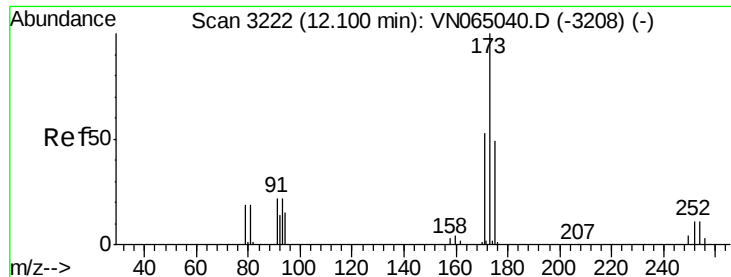
#70
Styrene
Concen: 55.681 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion:104 Resp: 336089
Ion Ratio Lower Upper
104 100
78 48.3 38.7 58.1
103 54.2 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.270 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

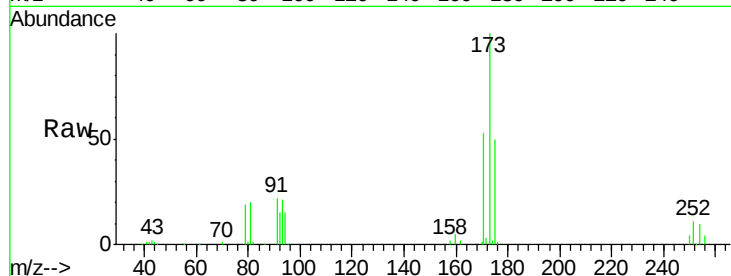
Tgt Ion:173 Resp: 88258

Ion Ratio Lower Upper

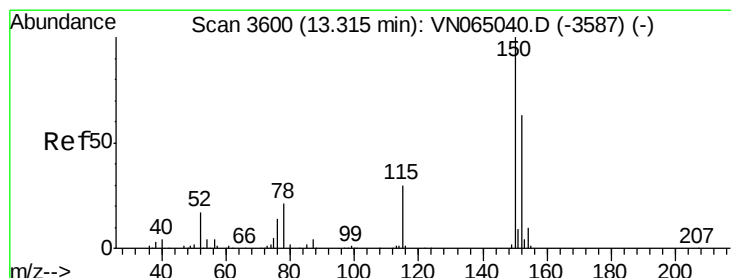
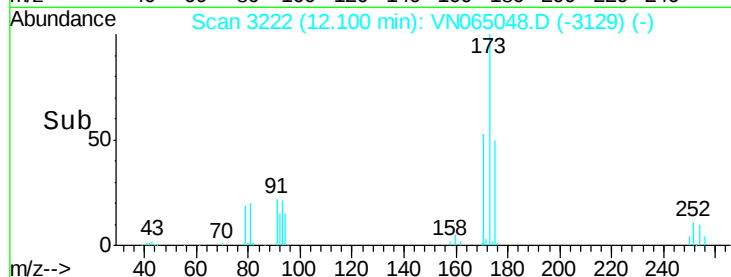
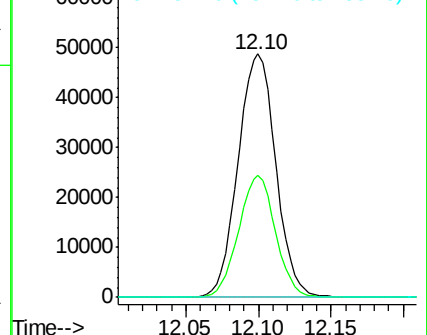
173 100

175 48.9 24.5 73.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

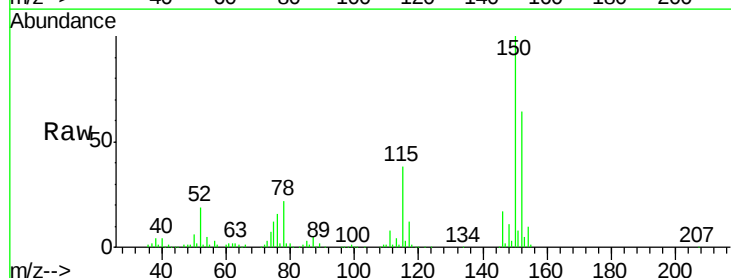
Tgt Ion:152 Resp: 142223

Ion Ratio Lower Upper

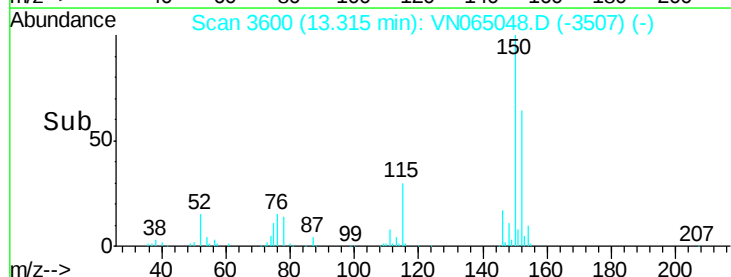
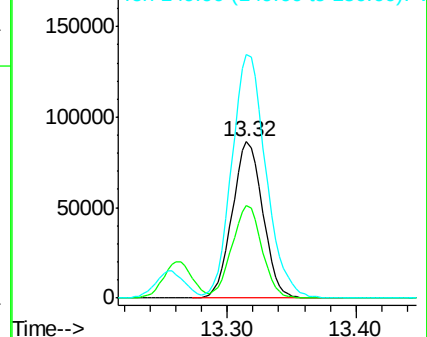
152 100

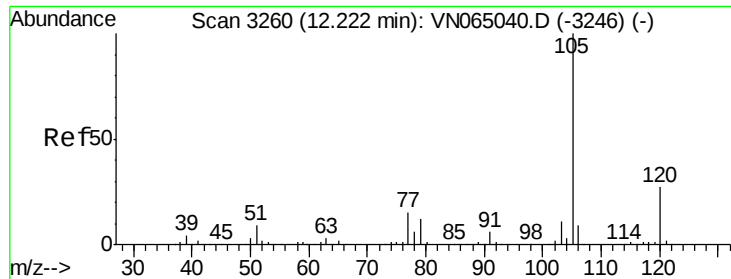
115 58.3 29.3 88.0

150 173.9 0.0 345.8



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





#73

Isopropylbenzene

Concen: 54.529 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

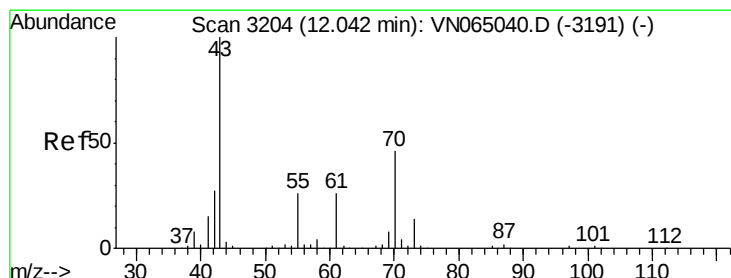
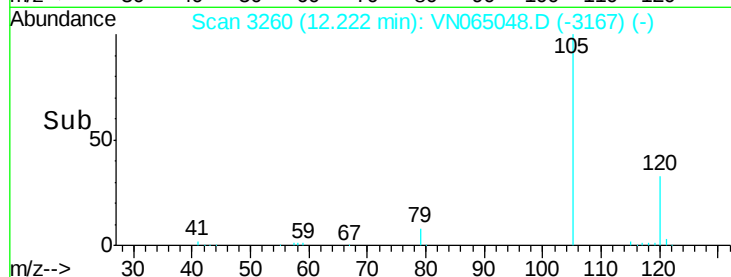
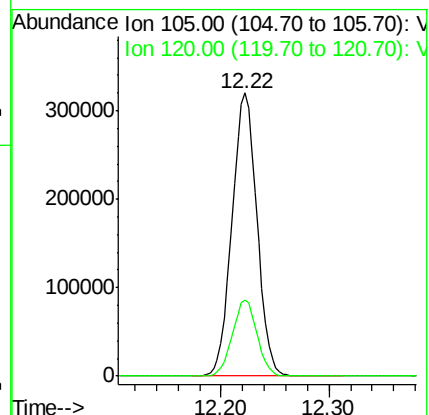
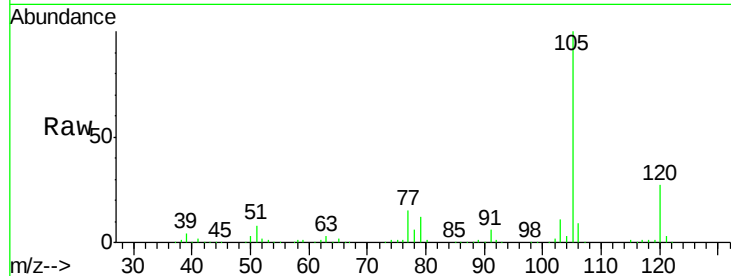
VSTDCCC050

Tgt Ion: 105 Resp: 515695

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 53.048 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Tgt Ion: 43 Resp: 180713

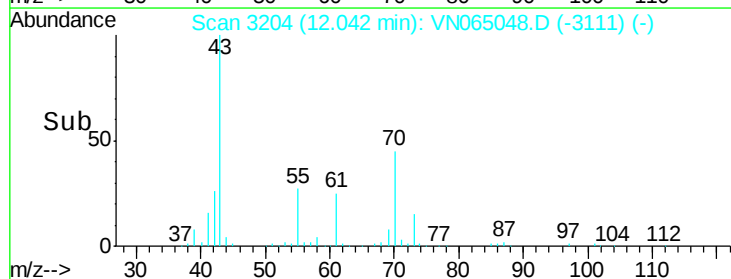
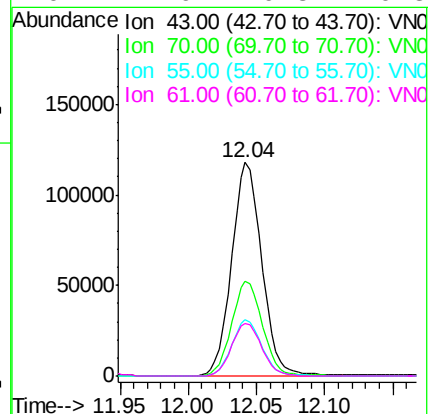
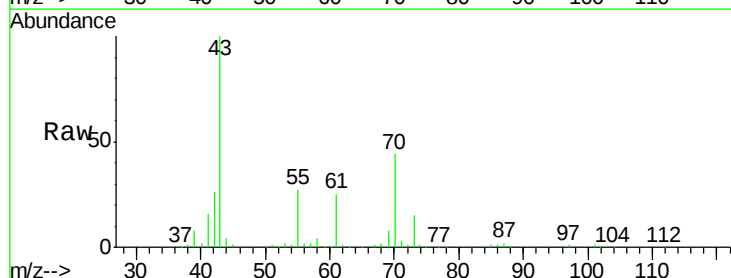
Ion Ratio Lower Upper

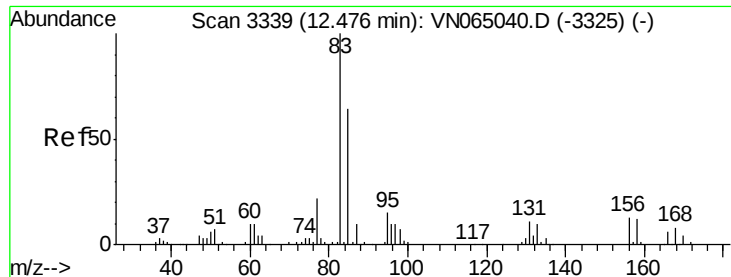
43 100

70 45.6 36.2 54.2

55 26.3 21.4 32.0

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.619 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

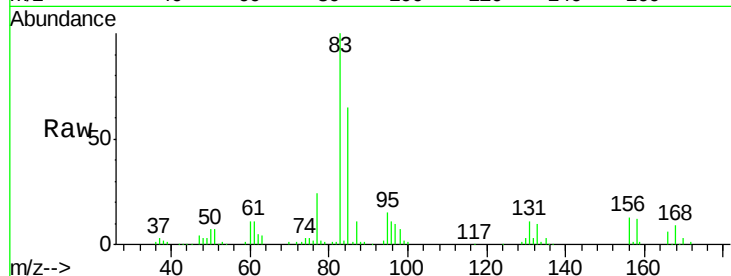
Tgt Ion: 83 Resp: 142524

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

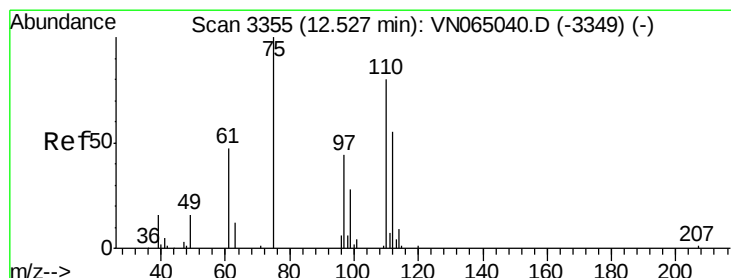
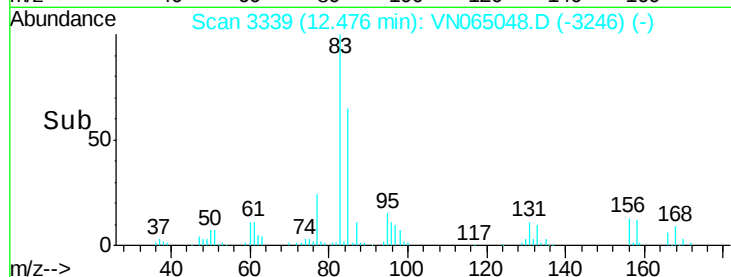
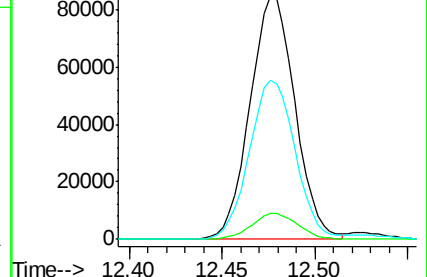
85 66.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN065048.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN065048.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN065048.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 71.680 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065048.D

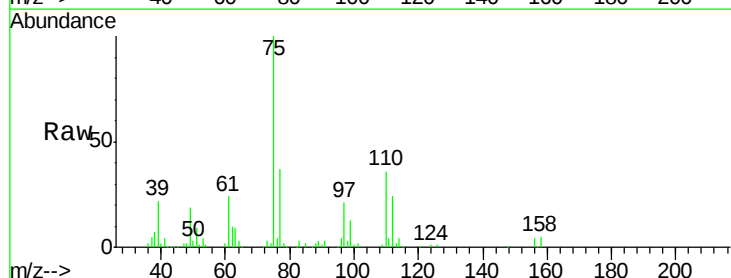
Acq: 10 Dec 2020 17:10

Tgt Ion: 75 Resp: 198580

Ion Ratio Lower Upper

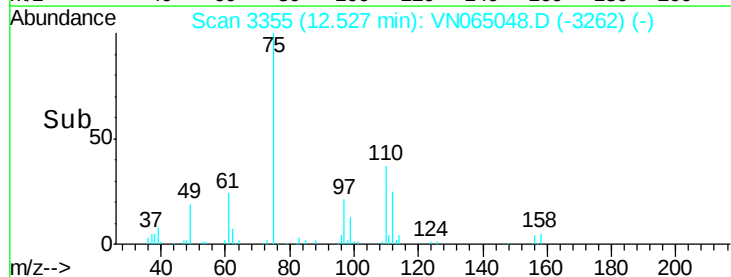
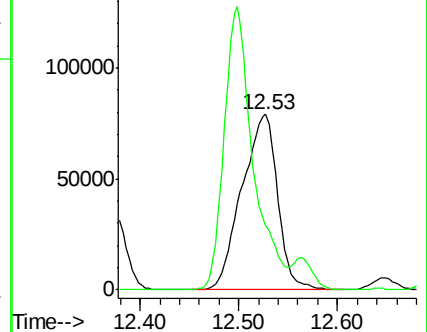
75 100

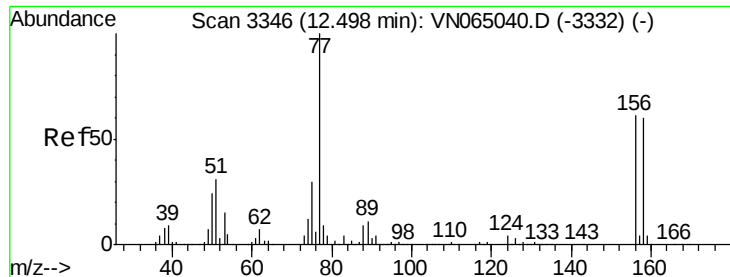
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN065048.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN065048.D (-3355) (-)





#77

Bromobenzene

Concen: 52.359 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

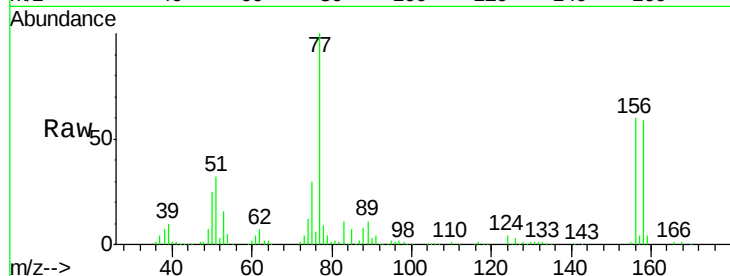
Tgt Ion:156 Resp: 131680

Ion Ratio Lower Upper

156 100

77 200.0 99.3 297.8

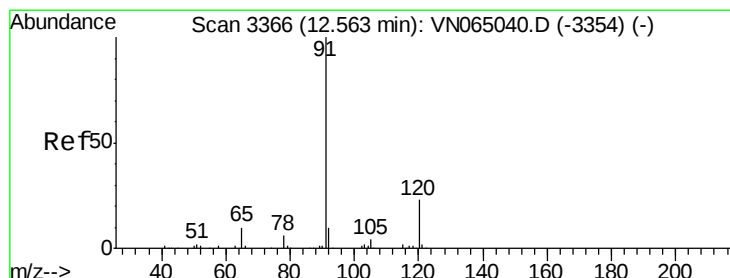
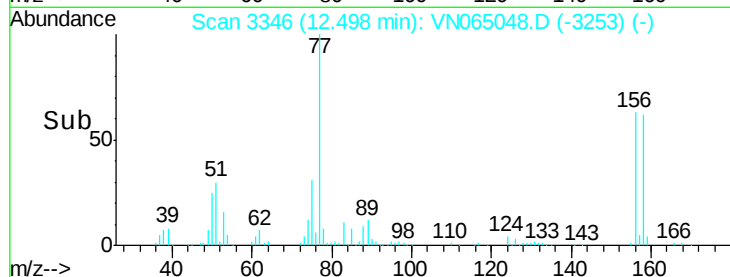
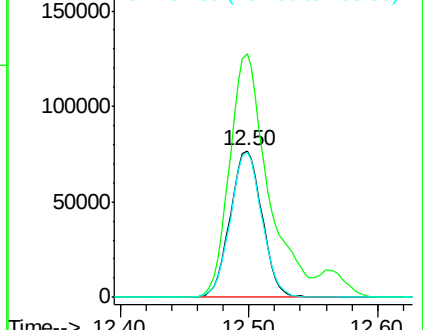
158 97.9 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.082 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN065048.D

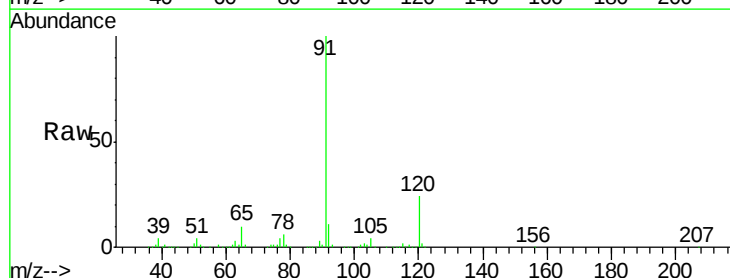
Acq: 10 Dec 2020 17:10

Tgt Ion: 91 Resp: 576933

Ion Ratio Lower Upper

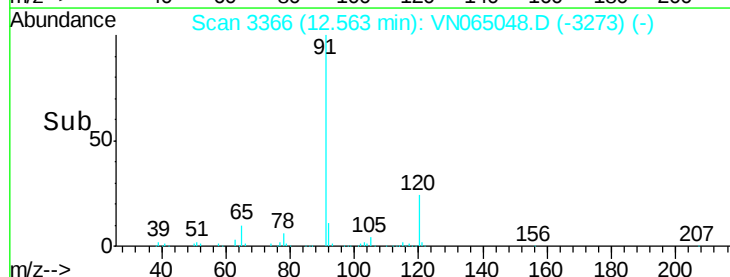
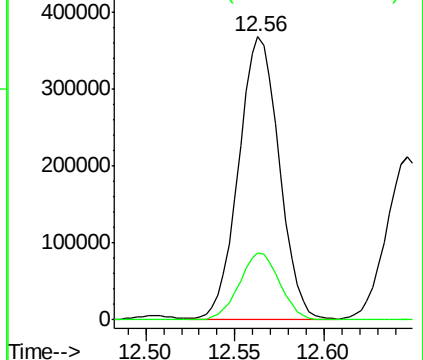
91 100

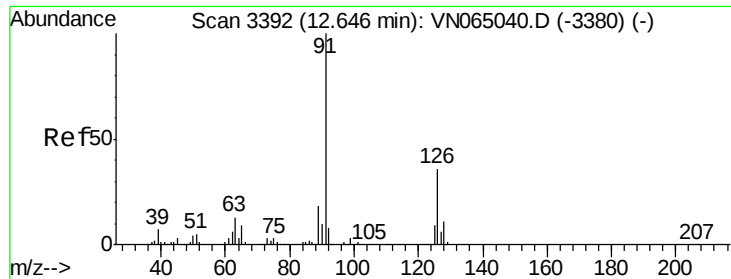
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.153 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

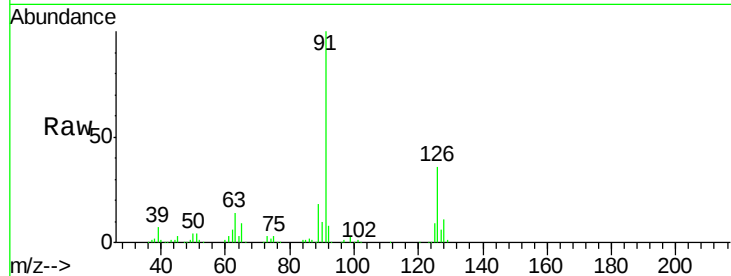
VSTDCCC050

Tgt Ion: 91 Resp: 346812

Ion Ratio Lower Upper

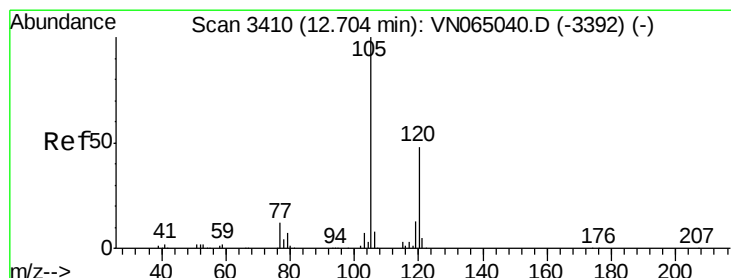
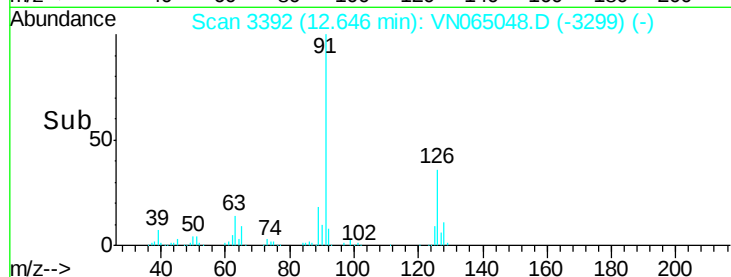
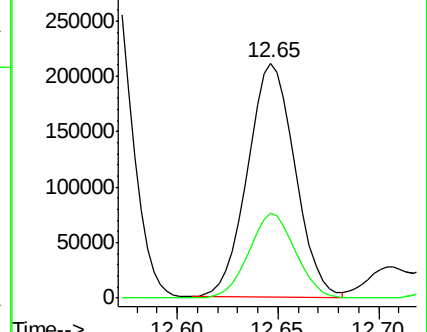
91 100

126 35.8 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN065048.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN065048.D (-3392) (-)



#80

1,3,5-Trimethylbenzene

Concen: 55.079 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN065048.D

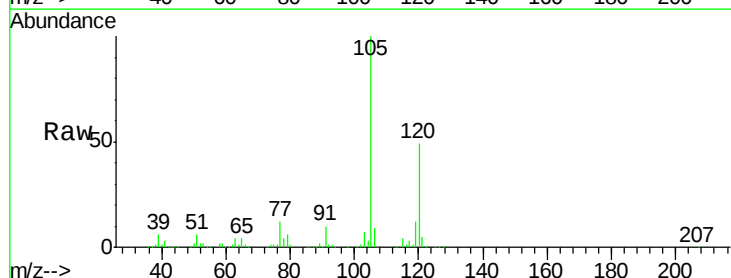
Acq: 10 Dec 2020 17:10

Tgt Ion: 105 Resp: 438342

Ion Ratio Lower Upper

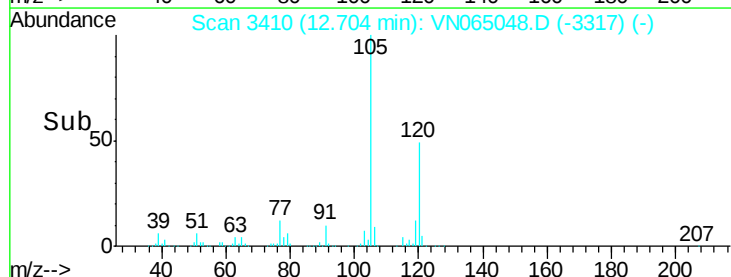
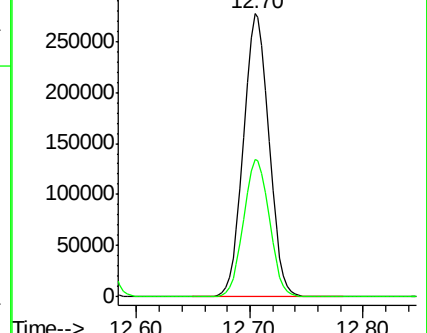
105 100

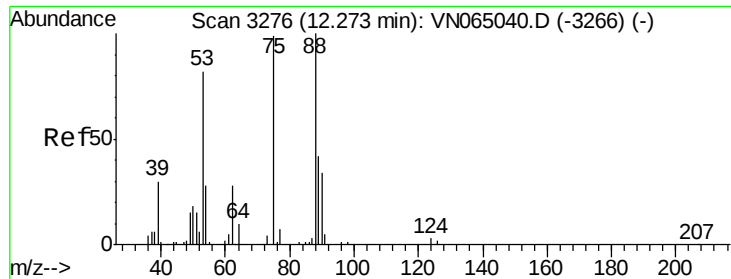
120 49.2 24.5 73.5



Abundance Ion 105.00 (104.70 to 105.70): VN065048.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN065048.D (-3410) (-)

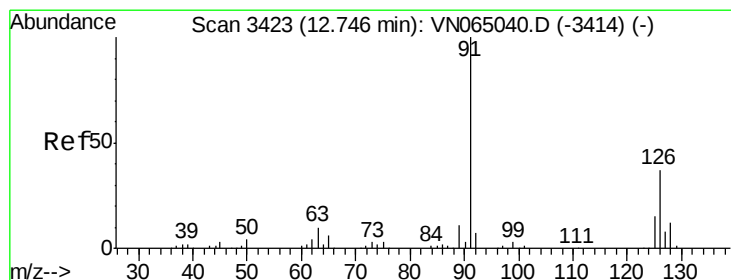
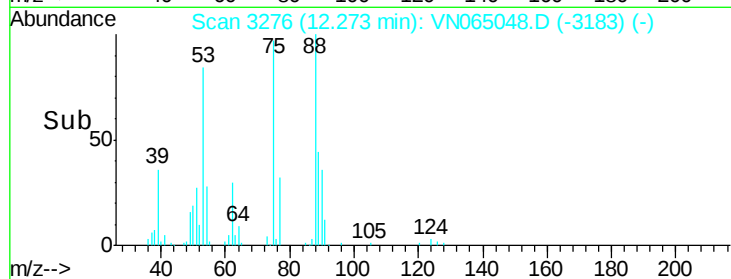
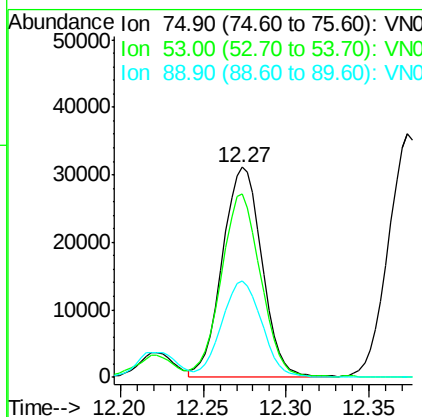
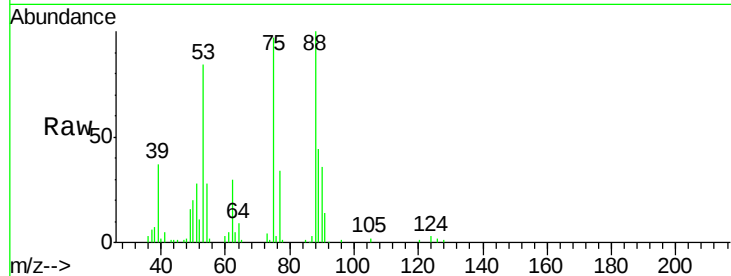




#81
trans-1,4-Dichloro-2-butene
Concen: 53.372 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

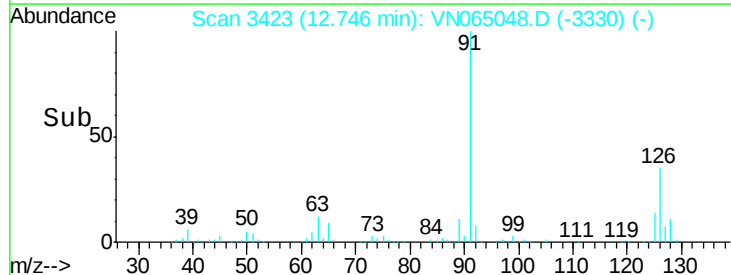
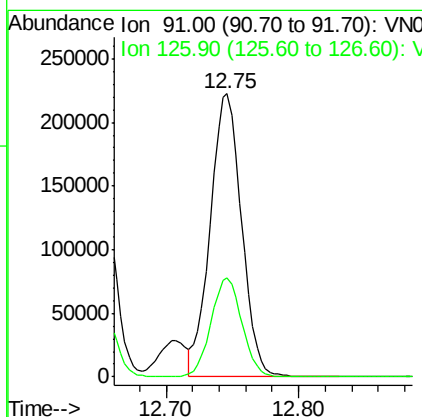
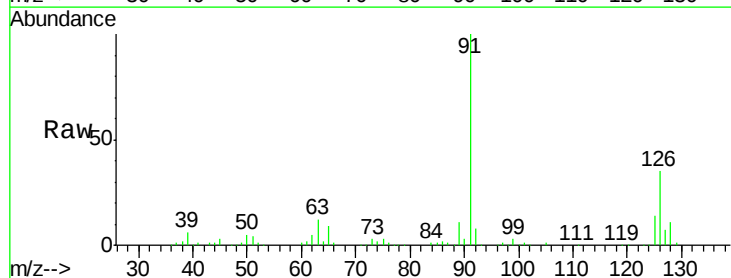
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

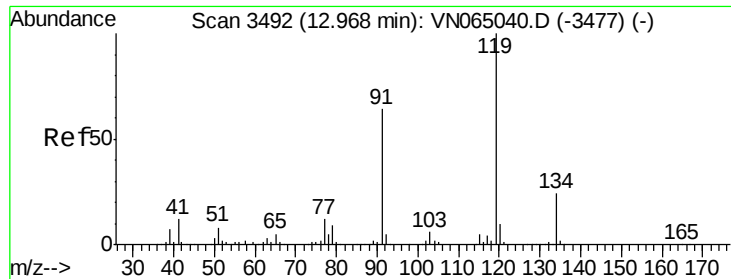
Tgt Ion: 75 Resp: 51949
Ion Ratio Lower Upper
75 100
53 87.1 68.6 103.0
89 46.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 52.779 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion: 91 Resp: 362952
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0

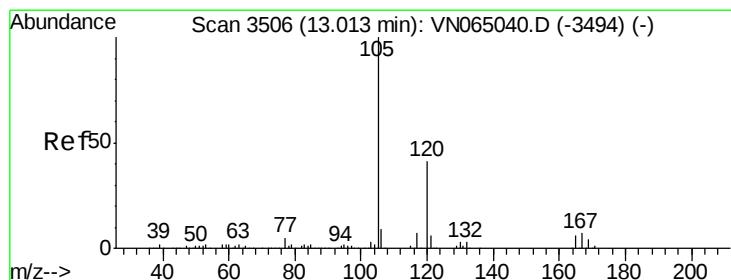
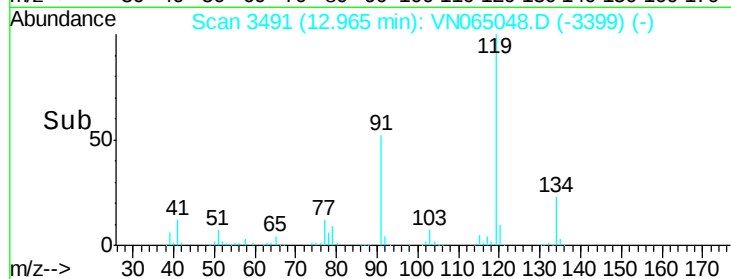
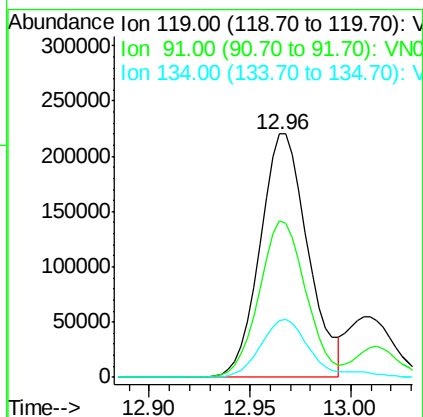
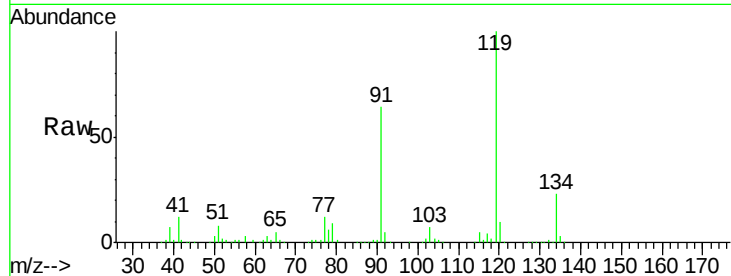




#83
 tert-Butylbenzene
 Concen: 55.348 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

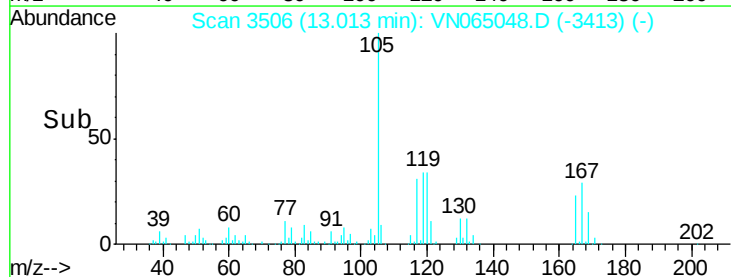
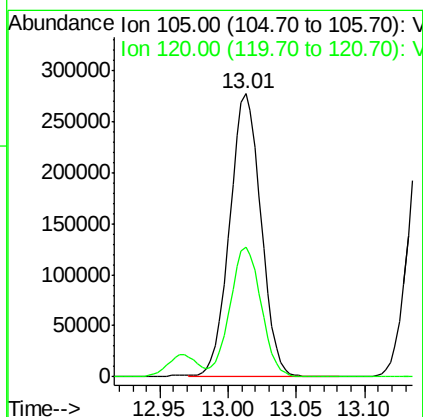
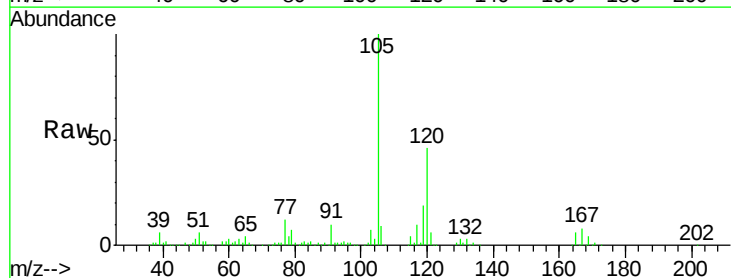
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

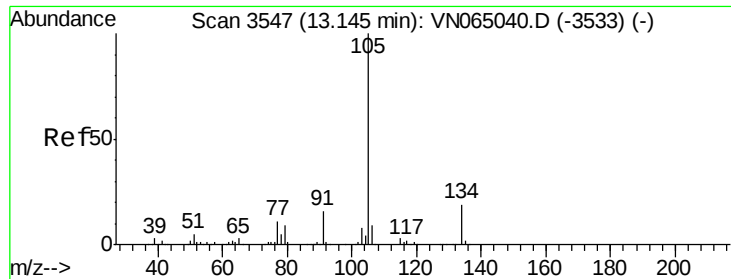
Tgt Ion:119 Resp: 363561
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.1 93.5
 134 25.0 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 54.774 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion:105 Resp: 440091
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2

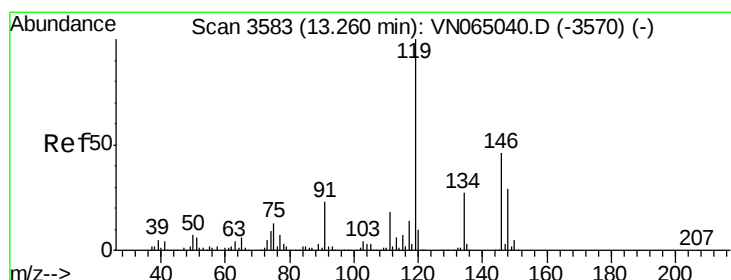
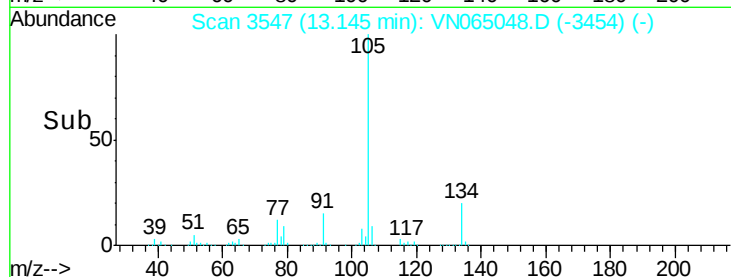
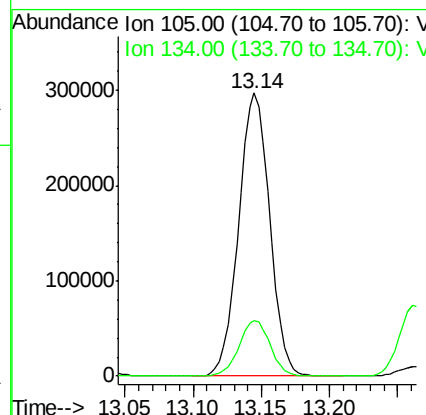
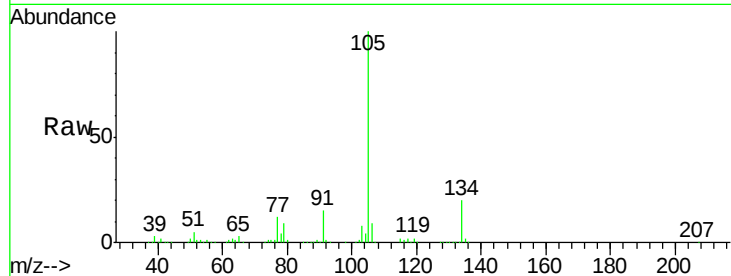




#85
 sec-Butylbenzene
 Concen: 54.596 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

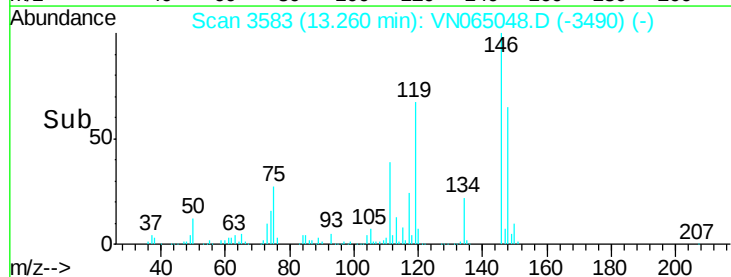
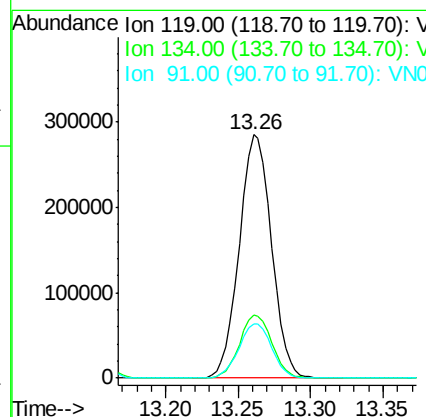
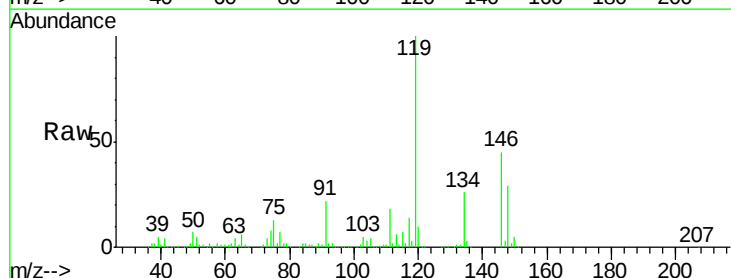
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

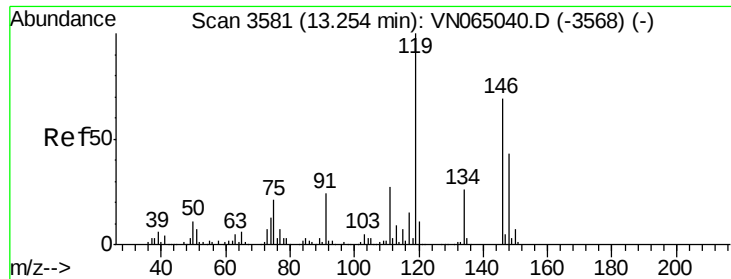
Tgt Ion:105 Resp: 467334
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 55.826 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion:119 Resp: 440325
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 22.8 11.5 34.4

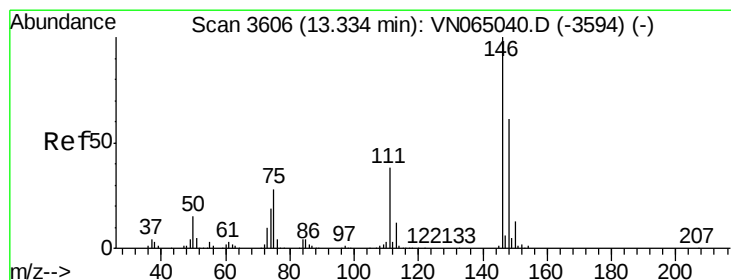
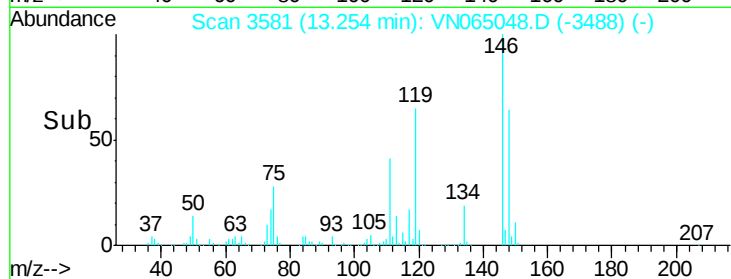
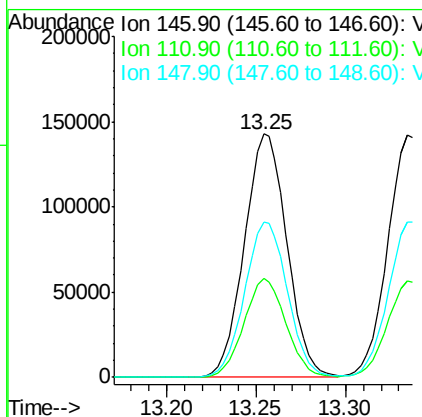
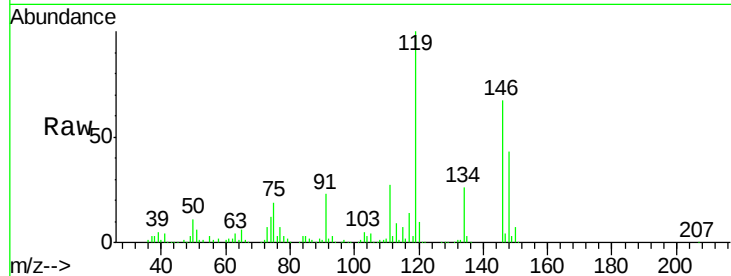




#87
 1,3-Dichlorobenzene
 Concen: 53.394 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

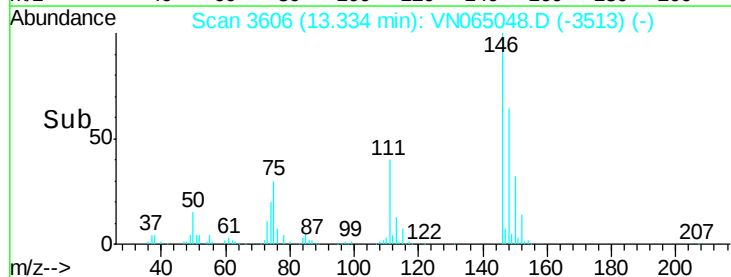
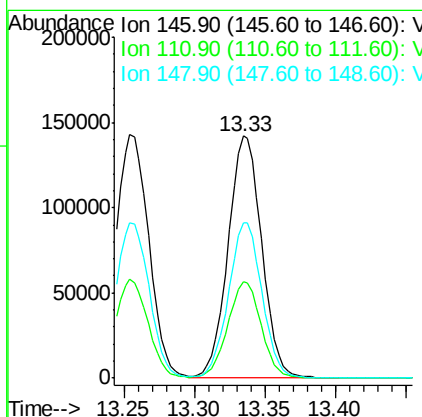
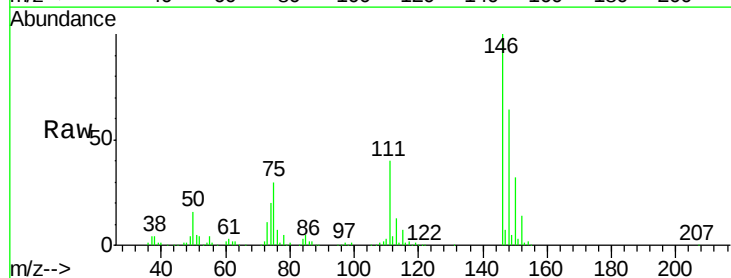
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

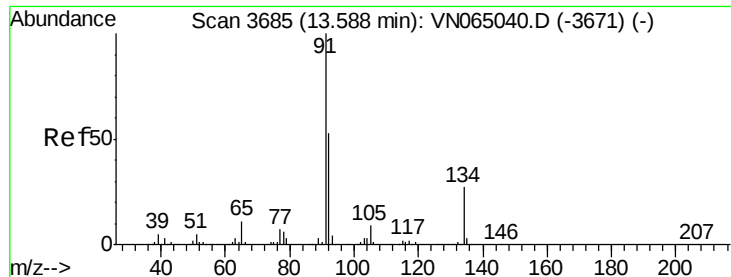
Tgt Ion:146 Resp: 238629
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 52.137 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion:146 Resp: 236271
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.2 57.6
 148 63.8 31.1 93.3





#89

n-Butylbenzene

Concen: 56.220 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN065048.D

Acq: 10 Dec 2020 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

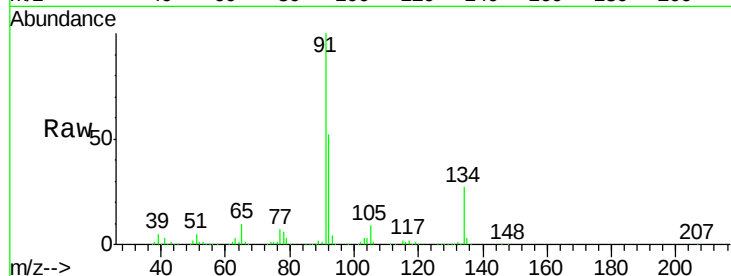
Tgt Ion: 91 Resp: 364406

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

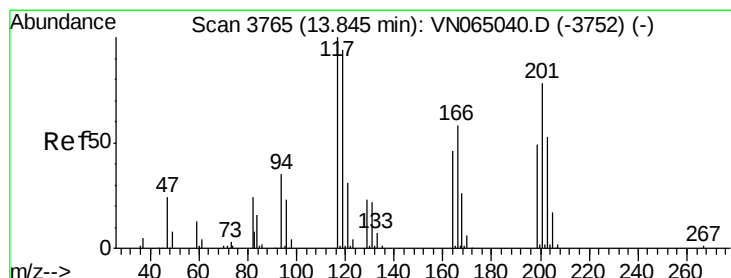
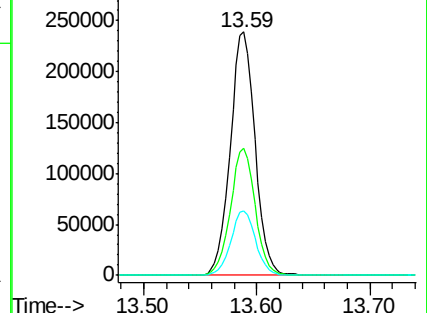
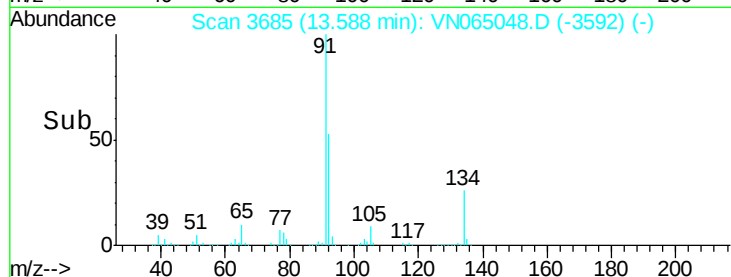
134 26.3 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN065048.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN065048.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN065048.D (-3671) (-)



#90

Hexachloroethane

Concen: 53.285 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN065048.D

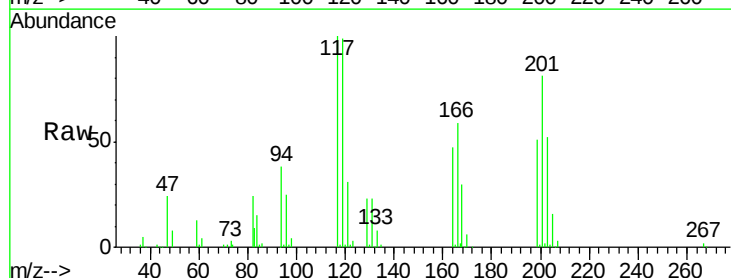
Acq: 10 Dec 2020 17:10

Tgt Ion: 117 Resp: 76182

Ion Ratio Lower Upper

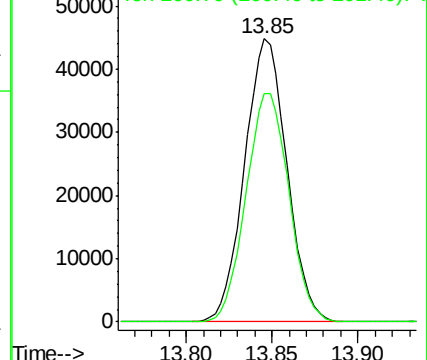
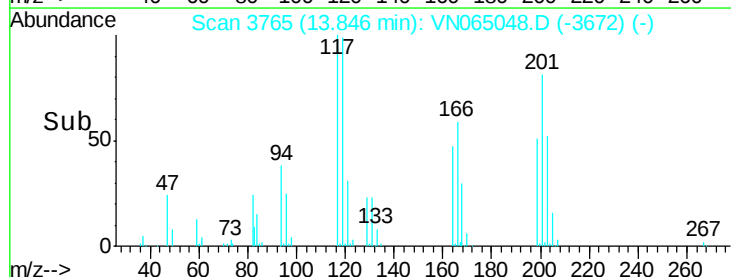
117 100

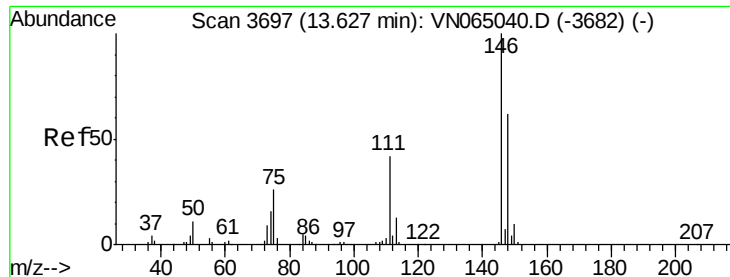
201 82.1 39.5 118.3



Abundance Ion 116.80 (116.50 to 117.50): VN065048.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN065048.D (-3752) (-)

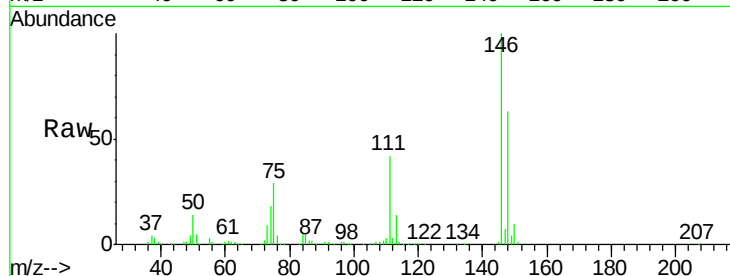




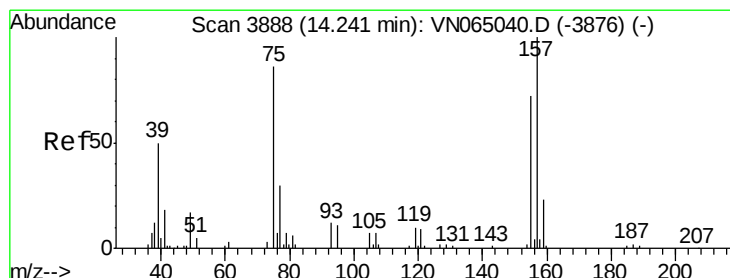
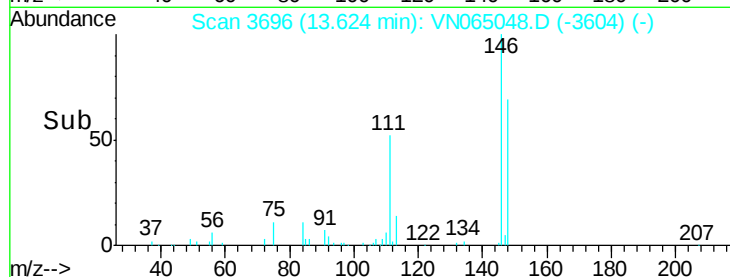
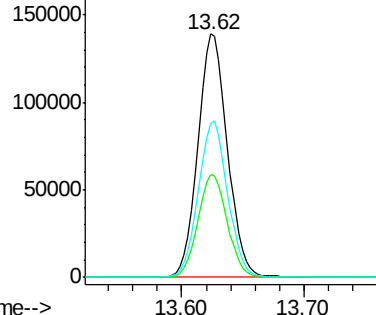
#91
 1,2-Dichlorobenzene
 Concen: 52.885 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 235261
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.9 31.7 95.1

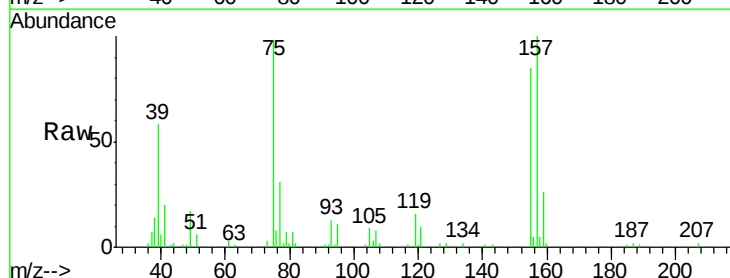


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

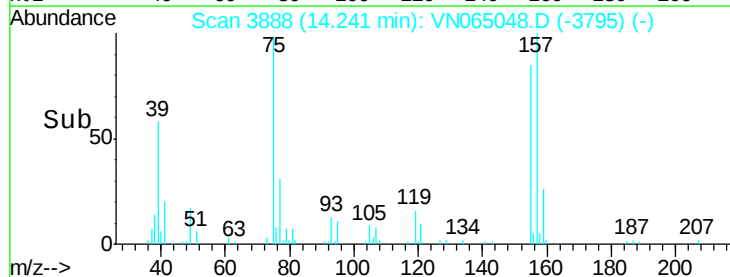
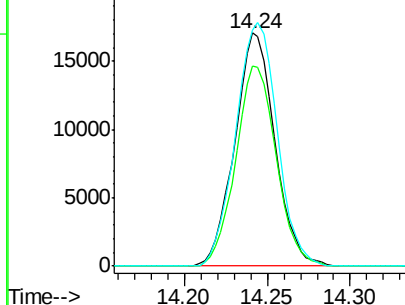


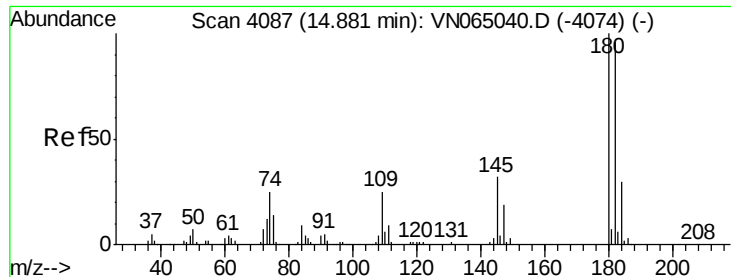
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.996 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion: 75 Resp: 28722
 Ion Ratio Lower Upper
 75 100
 155 86.5 43.8 131.4
 157 108.3 58.1 174.3



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

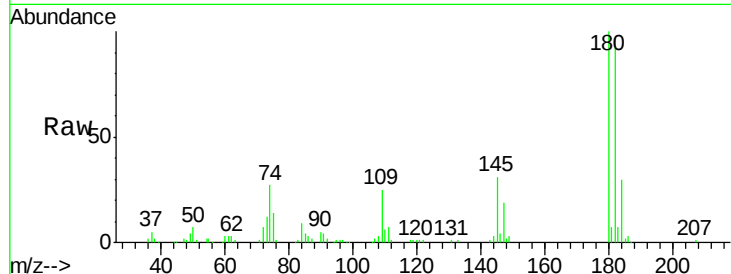




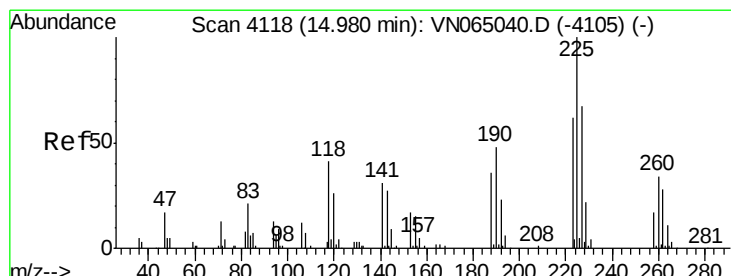
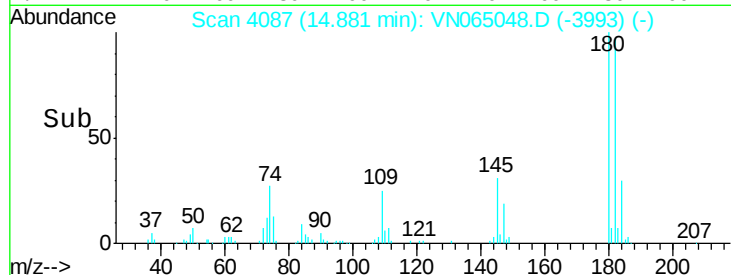
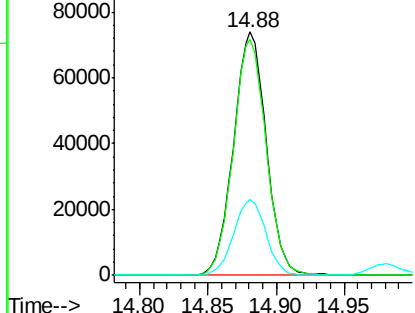
#93
 1,2,4-Trichlorobenzene
 Concen: 51.612 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 123173
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.0 141.2
 145 30.6 15.4 46.4

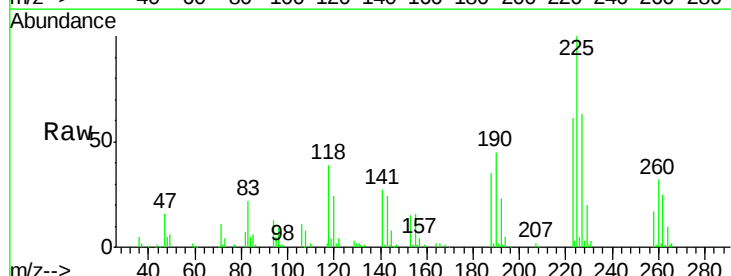


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

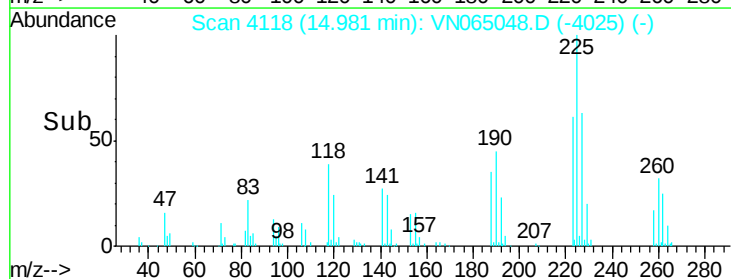
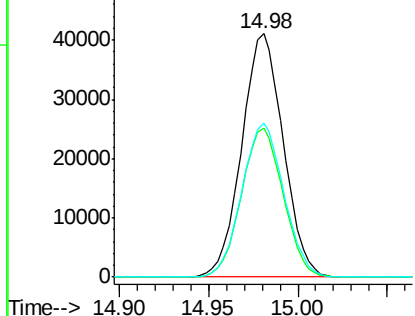


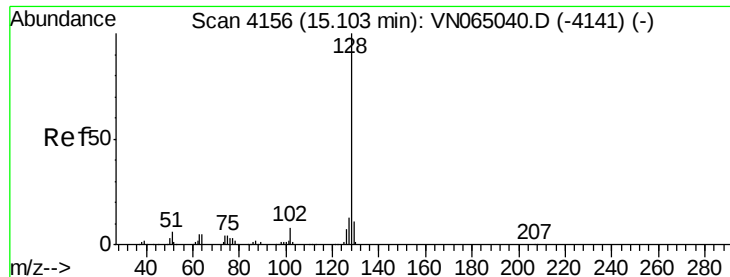
#94
 Hexachlorobutadiene
 Concen: 54.499 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN065048.D
 Acq: 10 Dec 2020 17:10

Tgt Ion:225 Resp: 66935
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.4 94.0
 227 64.0 32.3 96.8



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

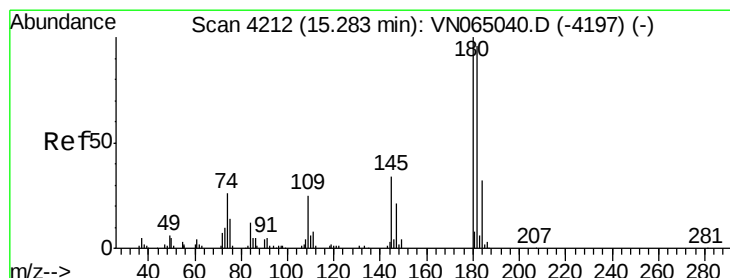
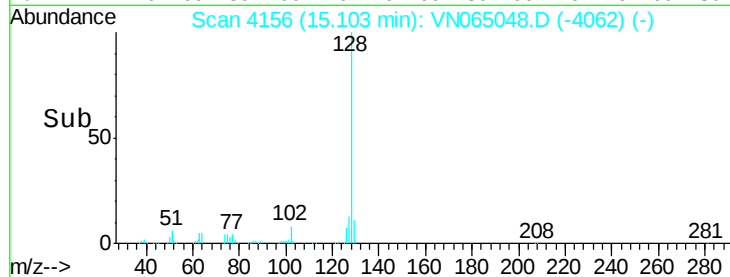
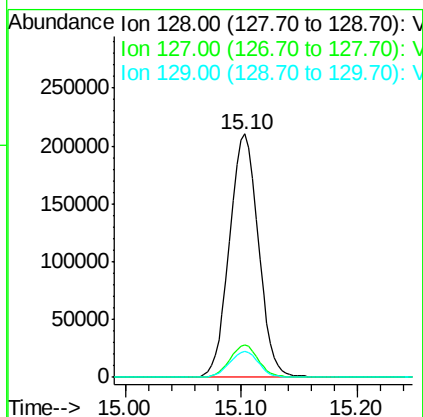
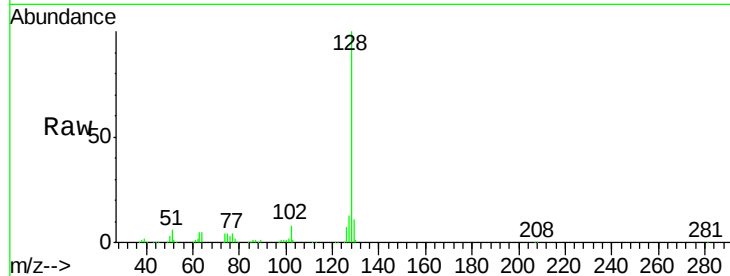




#95
Naphthalene
Concen: 51.124 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 363397
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 52.914 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN065048.D
Acq: 10 Dec 2020 17:10

Tgt Ion:180 Resp: 119424
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 32.6 16.2 48.6

