

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065051.D
 Acq On : 10 Dec 2020 18:55
 Operator : JC/MD
 Sample : VN1210WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Quant Time: Dec 11 03:46:16 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	7.63	168	199265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134183	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	113755	47.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.90%	
35) Dibromofluoromethane		7.55	113	99298	47.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.44%	
50) Toluene-d8		10.06	98	379964	47.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.20%	
62) 4-Bromofluorobenzene		12.38	95	130592	47.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	23477	18.428	ug/l	99
3) Chloromethane	2.04	50	31221	17.976	ug/l	99
4) Vinyl Chloride	2.17	62	35467	19.112	ug/l	100
5) Bromomethane	2.53	94	24384	18.874	ug/l	100
6) Chloroethane	2.68	64	22806	17.968	ug/l	94
7) Trichlorofluoromethane	2.99	101	52411	17.791	ug/l	98
8) Diethyl Ether	3.38	74	21616	18.479	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33805	18.422	ug/l	97
10) Methyl Iodide	3.91	142	38679	17.422	ug/l	100
11) Tert butyl alcohol	4.75	59	28131	97.895	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	29903	17.405	ug/l	98
13) Acrolein	3.56	56	22305	95.979	ug/l	99
14) Allyl chloride	4.28	41	50589	18.170	ug/l	98
15) Acrylonitrile	4.94	53	81922	90.699	ug/l	99
16) Acetone	3.78	43	68744	81.695	ug/l	98
17) Carbon Disulfide	4.01	76	70475	18.503	ug/l	98
18) Methyl Acetate	4.28	43	41124	19.393	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	105482	18.214	ug/l	99
20) Methylene Chloride	4.51	84	39369	18.365	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	33149	17.673	ug/l	93
22) Diisopropyl ether	5.91	45	113246	18.658	ug/l	98
23) Vinyl Acetate	5.85	43	426210	90.856	ug/l	100
24) 1,1-Dichloroethane	5.80	63	65673	18.266	ug/l	99
25) 2-Butanone	6.79	43	103514	89.204	ug/l	98
26) 2,2-Dichloropropane	6.78	77	56035	18.188	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	40773	18.003	ug/l	97
28) Bromochloromethane	7.15	49	31906	18.670	ug/l	96
29) Tetrahydrofuran	7.17	42	67164	92.197	ug/l	98
30) Chloroform	7.33	83	69660	18.746	ug/l	100
31) Cyclohexane	7.61	56	48448	19.085	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	57584	18.091	ug/l	99
36) 1,1-Dichloropropene	7.76	75	46359	17.099	ug/l	99
37) Ethyl Acetate	6.88	43	42588	17.275	ug/l	98
38) Carbon Tetrachloride	7.73	117	51202	17.775	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	43923	16.484	ug/l	98
40) Benzene	8.00	78	149974	17.859	ug/l	99
41) Methacrylonitrile	7.13	41	19959	15.582	ug/l	87
42) 1,2-Dichloroethane	8.08	62	51030	17.921	ug/l	99
43) Isopropyl Acetate	8.13	43	72410	17.670	ug/l #	89
44) Trichloroethene	8.80	130	42267	18.021	ug/l	98
45) 1,2-Dichloropropane	9.08	63	41049	18.070	ug/l	97
46) Dibromomethane	9.17	93	26842	18.240	ug/l	97
47) Bromodichloromethane	9.37	83	54032	17.925	ug/l	97
48) Methyl methacrylate	9.17	41	33781	17.365	ug/l	98
49) 1,4-Dioxane	9.17	88	12694	361.408	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	222958	91.008	ug/l	99
52) Toluene	10.12	92	94422	17.943	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	56565	17.608	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	62686	17.446	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	38691	17.758	ug/l	99
56) Ethyl methacrylate	10.40	69	50472	17.542	ug/l	97
57) 1,3-Dichloropropane	10.68	76	64677	18.043	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	143313	93.470	ug/l	99
59) 2-Hexanone	10.72	43	157117	89.020	ug/l	97
60) Dibromochloromethane	10.87	129	45190	18.229	ug/l	99
61) 1,2-Dibromoethane	10.98	107	38828	17.803	ug/l	97
64) Tetrachloroethene	10.60	164	43030	17.787	ug/l	98
65) Chlorobenzene	11.41	112	103528	17.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40579	18.103	ug/l	98
67) Ethyl Benzene	11.48	91	166685	17.131	ug/l	99
68) m/p-Xylenes	11.59	106	133105	35.299	ug/l	100
69) o-Xylene	11.92	106	62155	17.271	ug/l	98
70) Styrene	11.94	104	106965	17.574	ug/l	99
71) Bromoform	12.10	173	29902	17.562	ug/l #	99
73) Isopropylbenzene	12.22	105	165337	18.530	ug/l	99
74) N-amyl acetate	12.05	43	59953	18.654	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51510	19.007	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	69440	26.567	ug/l #	100
77) Bromobenzene	12.50	156	44724	18.849	ug/l	99
78) n-propylbenzene	12.57	91	182380	18.121	ug/l	100
79) 2-Chlorotoluene	12.65	91	113350	18.413	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	139495	18.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16568	18.042	ug/l	99
82) 4-Chlorotoluene	12.75	91	115053	17.733	ug/l	100
83) tert-Butylbenzene	12.97	119	115299	18.605	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	137559	18.146	ug/l	99
85) sec-Butylbenzene	13.14	105	147894	18.313	ug/l	99
86) p-Isopropyltoluene	13.26	119	135833	18.253	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	76929	18.244	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	77546	18.137	ug/l	96
89) n-Butylbenzene	13.59	91	103283	16.889	ug/l	99
90) Hexachloroethane	13.85	117	23729	17.591	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	76742	18.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9589	18.046	ug/l	98

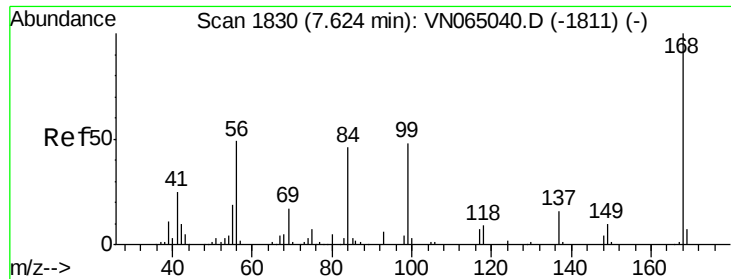
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
Data File : VN065051.D
Acq On : 10 Dec 2020 18:55
Operator : JC/MD
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36059	19.638	ug/l	98
94) Hexachlorobutadiene	14.98	225	20421	17.623	ug/l	96
95) Naphthalene	15.10	128	101926	19.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33173	19.181	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

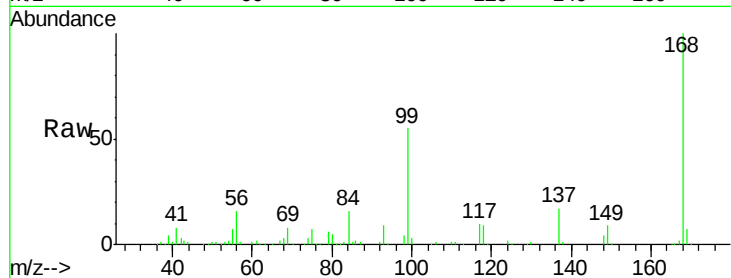
VN1210WBSD01

Tgt Ion: 168 Resp: 199265

Ion Ratio Lower Upper

168 100

99 54.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

40000

20000

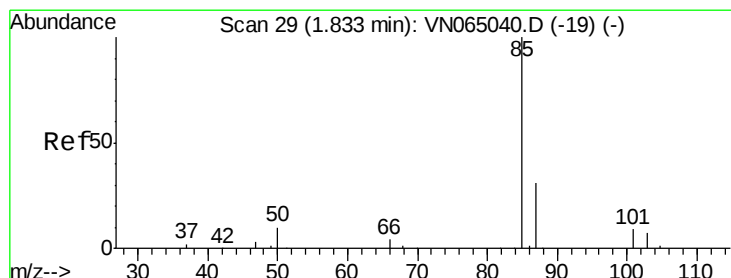
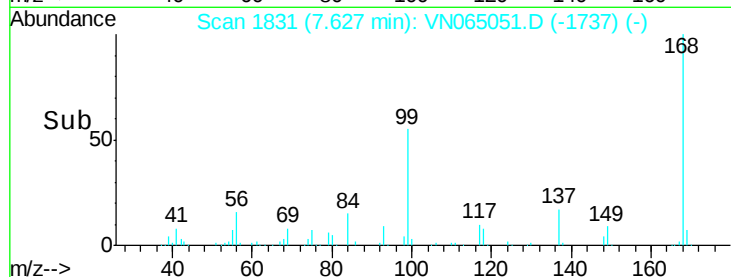
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.428 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065051.D

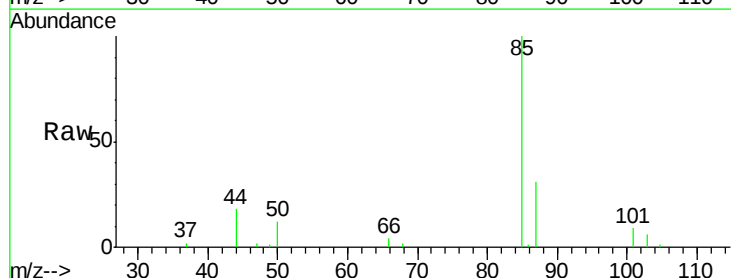
Acq: 10 Dec 2020 18:55

Tgt Ion: 85 Resp: 23477

Ion Ratio Lower Upper

85 100

87 31.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

20000

15000

10000

5000

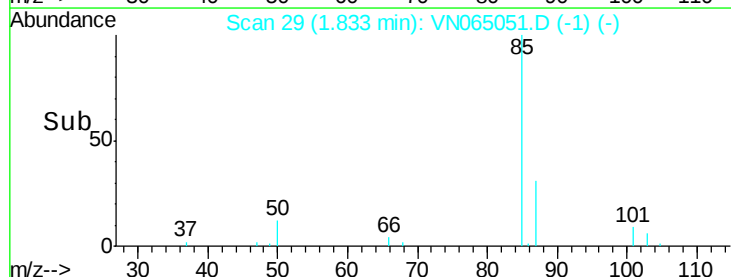
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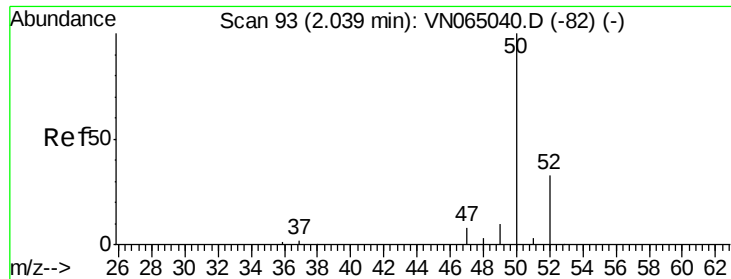
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 17.976 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

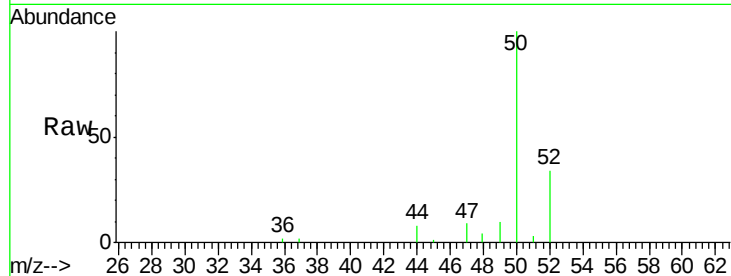
VN1210WBSD01

Tgt Ion: 50 Resp: 31221

Ion Ratio Lower Upper

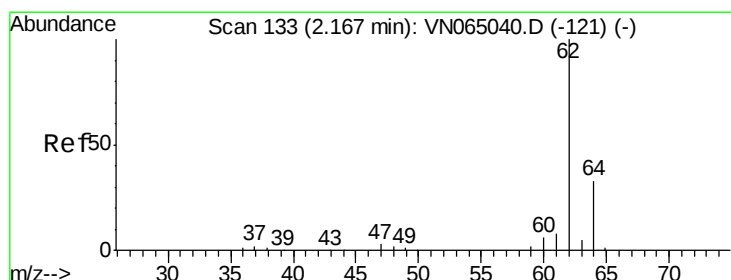
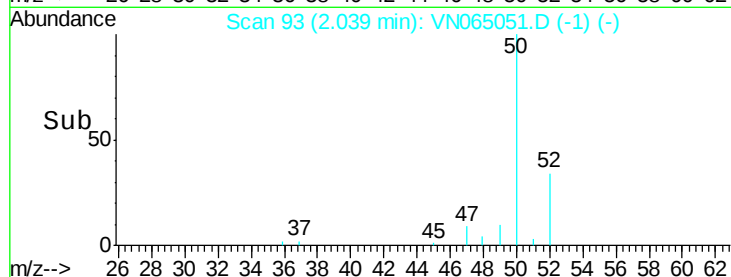
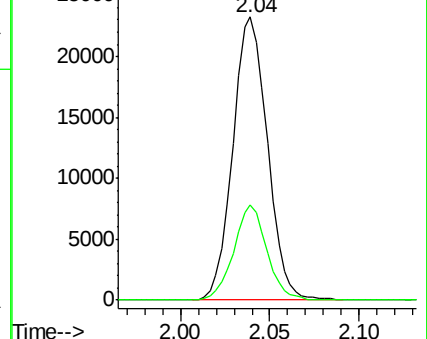
50 100

52 33.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.112 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065051.D

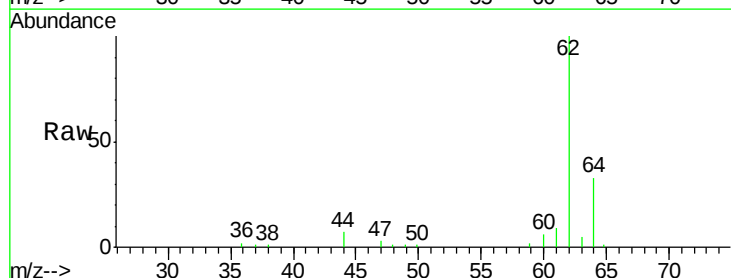
Acq: 10 Dec 2020 18:55

Tgt Ion: 62 Resp: 35467

Ion Ratio Lower Upper

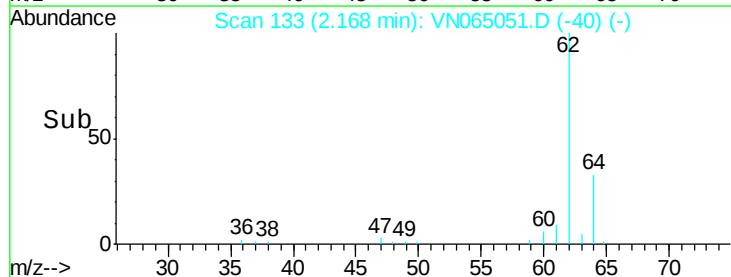
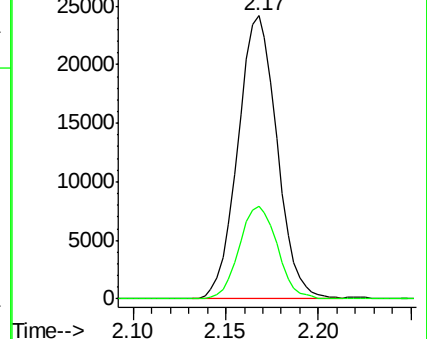
62 100

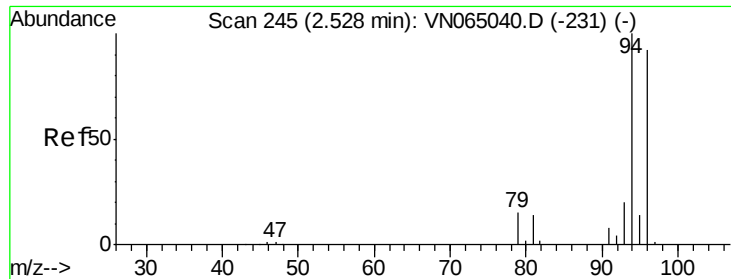
64 32.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

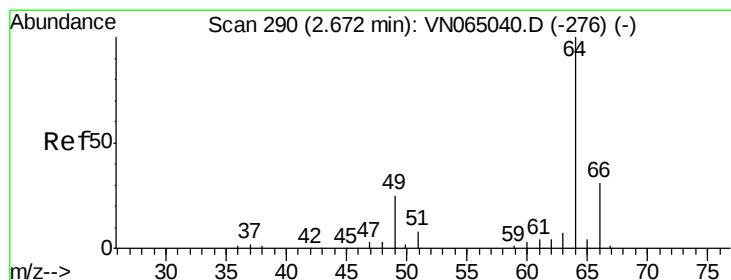
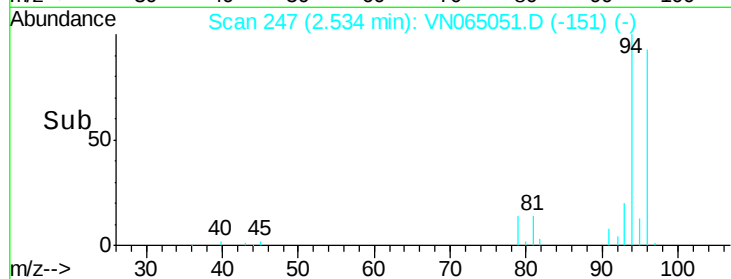
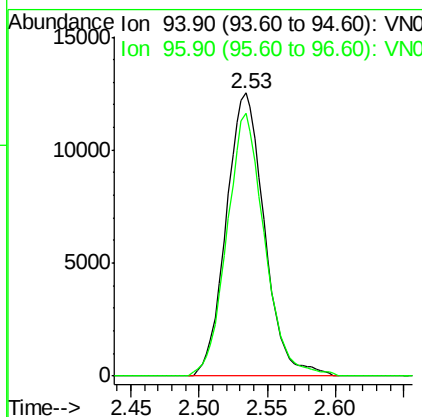
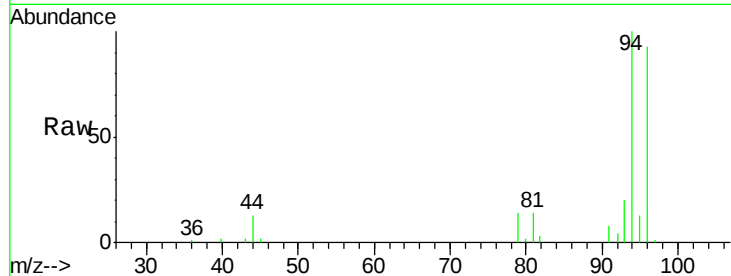




#5
Bromomethane
Concen: 18.874 ug/l
RT: 2.53 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

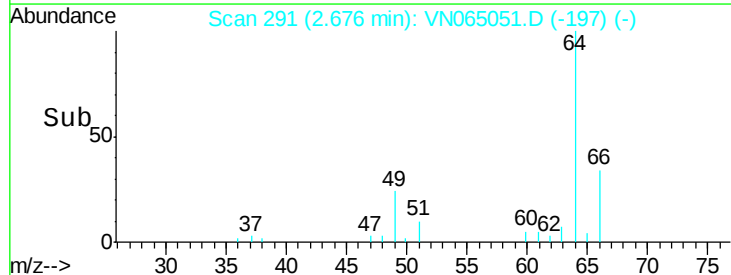
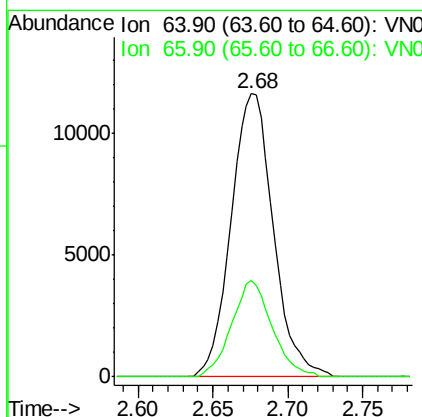
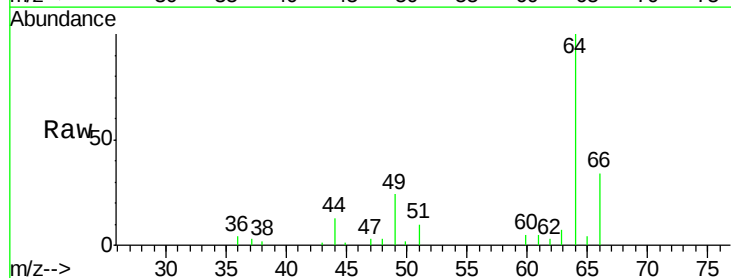
Instrument :
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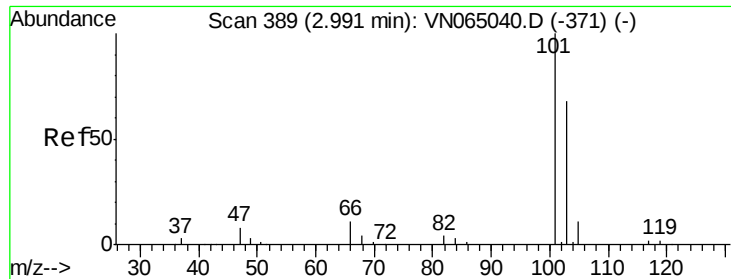
Tgt Ion: 94 Resp: 24384
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.8



#6
Chloroethane
Concen: 17.968 ug/l
RT: 2.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 64 Resp: 22806
Ion Ratio Lower Upper
64 100
66 34.1 24.6 37.0



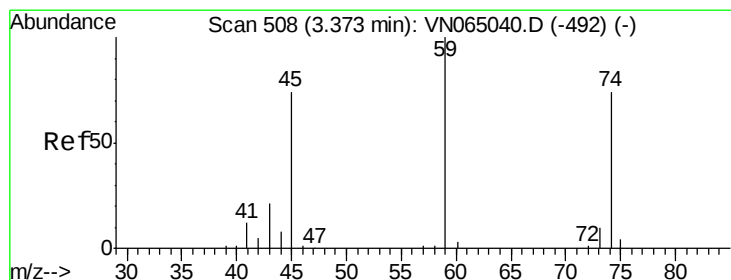
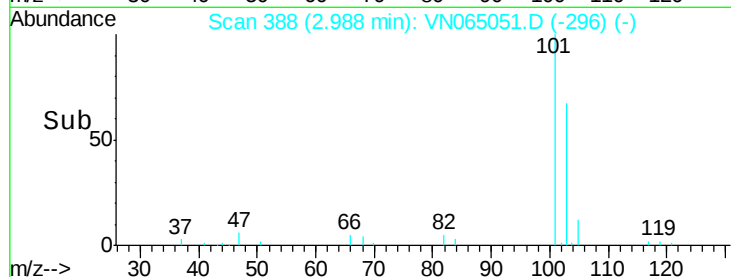
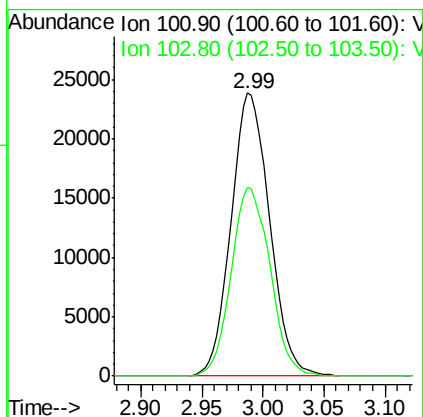
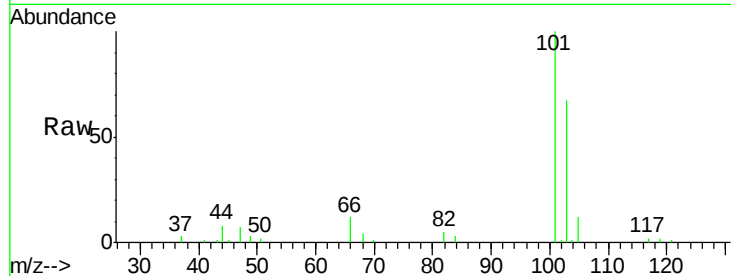


#7

Trichlorofluoromethane
Concen: 17.791 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
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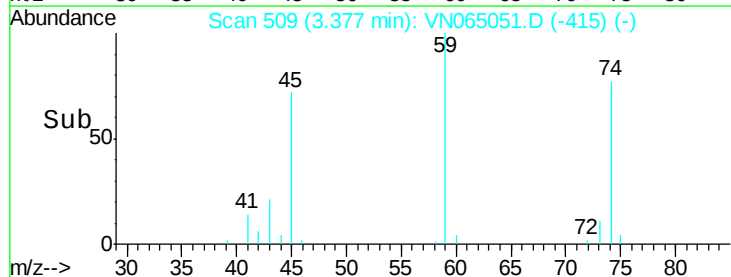
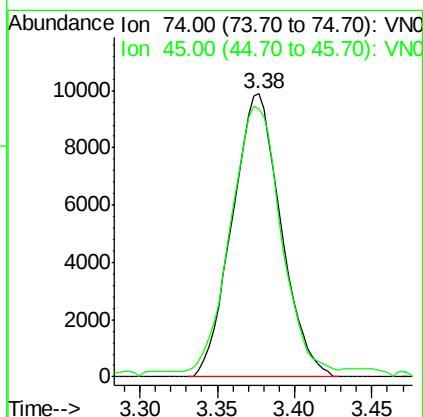
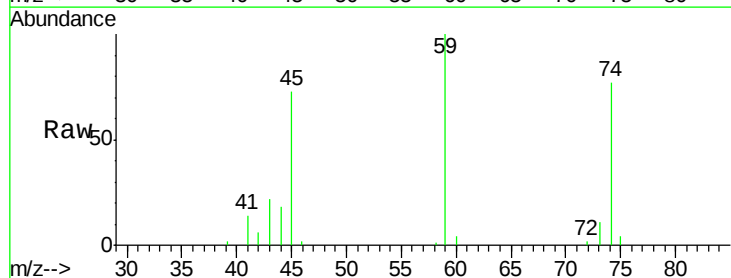
Tgt Ion: 101 Resp: 52411
Ion Ratio Lower Upper
101 100
103 66.6 54.5 81.7

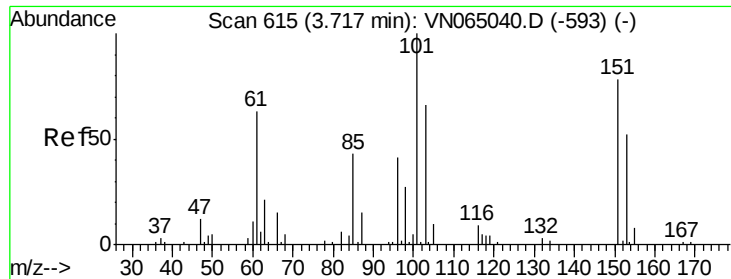


#8

Diethyl Ether
Concen: 18.479 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 74 Resp: 21616
Ion Ratio Lower Upper
74 100
45 95.9 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.422 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

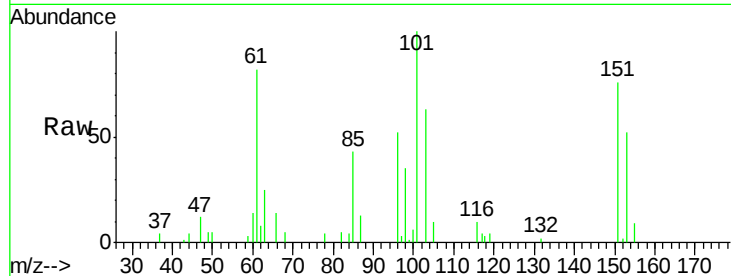
Tgt Ion:101 Resp: 33805

Ion Ratio Lower Upper

101 100

85 41.0 33.2 49.8

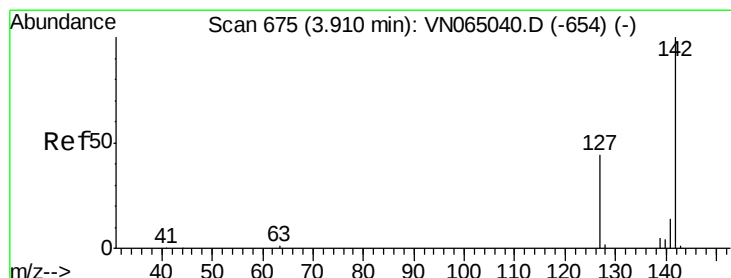
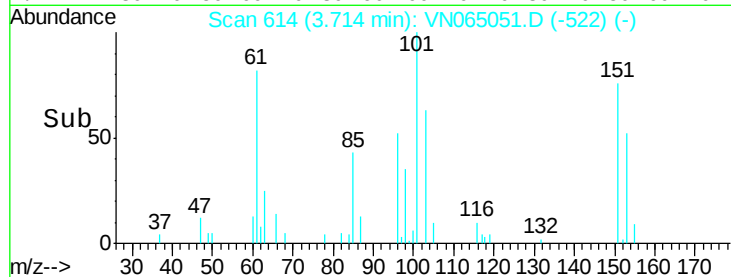
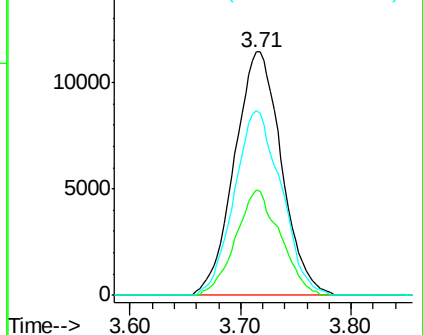
151 75.9 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.422 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

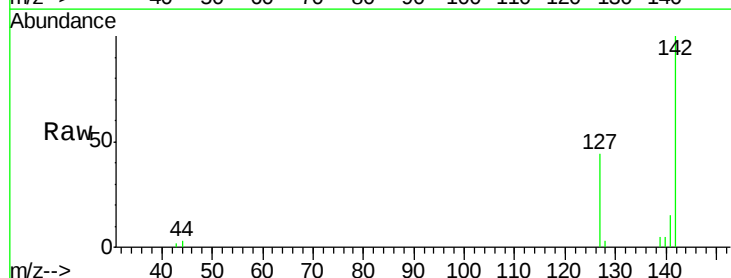
Tgt Ion:142 Resp: 38679

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

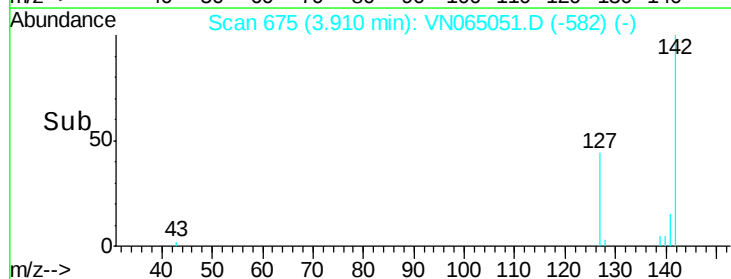
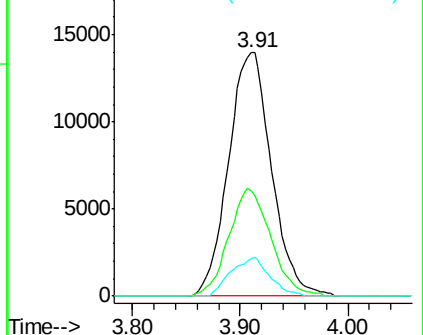
141 14.3 10.9 16.3

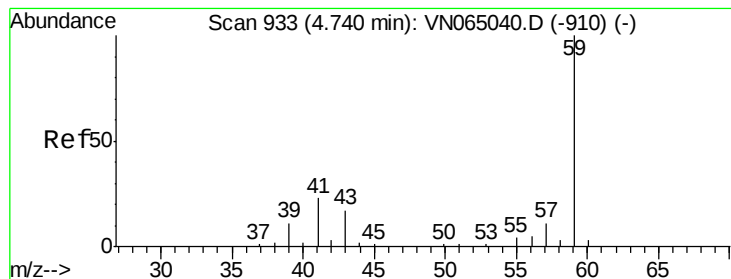


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



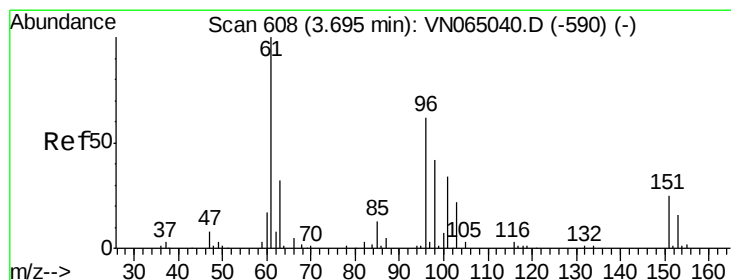
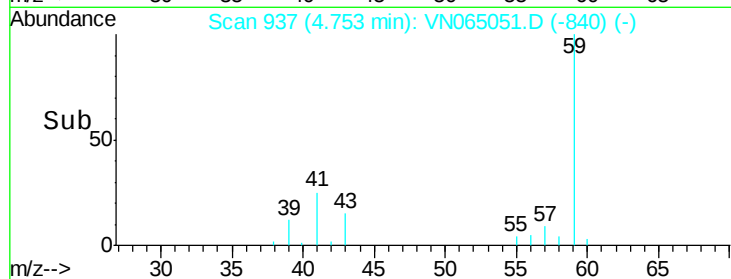
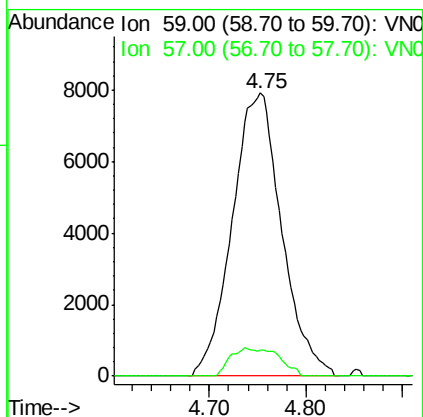
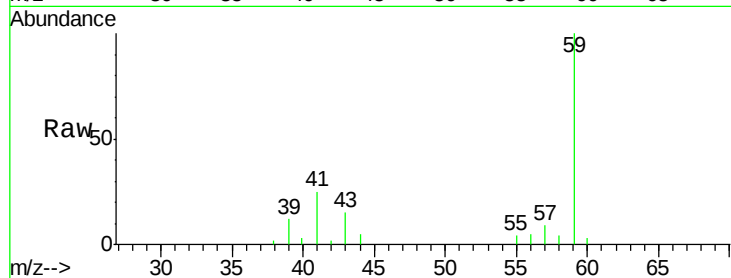


#11

Tert butyl alcohol
 Concen: 97.895 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

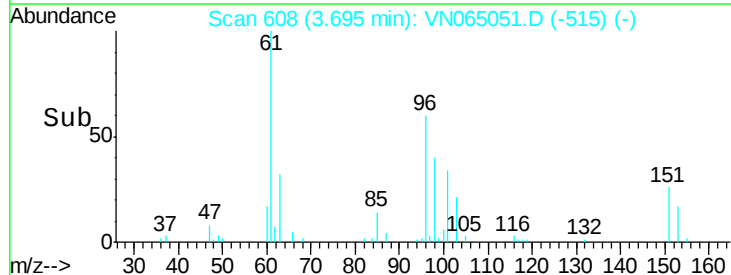
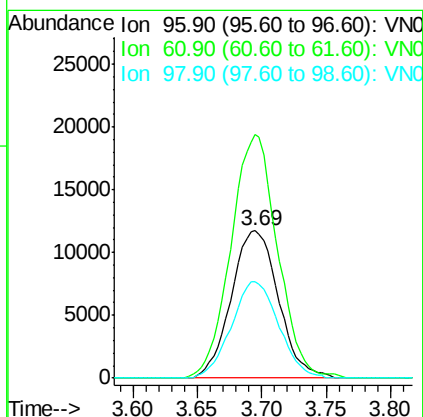
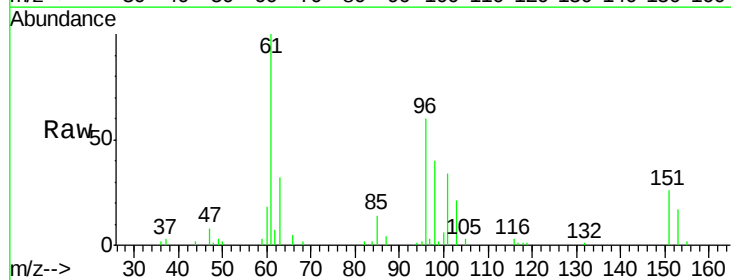
Tgt Ion: 59 Resp: 28131
 Ion Ratio Lower Upper
 59 100
 57 5.2 8.6 12.8#

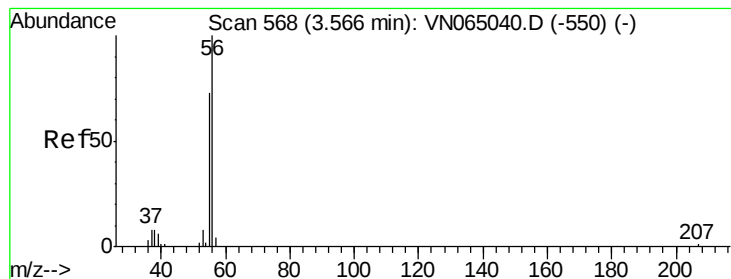


#12

1,1-Dichloroethene
 Concen: 17.405 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 96 Resp: 29903
 Ion Ratio Lower Upper
 96 100
 61 164.2 128.4 192.6
 98 65.8 53.6 80.4





#13

Acrolein

Concen: 95.979 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

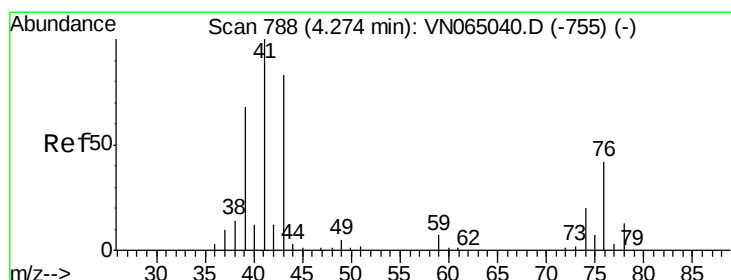
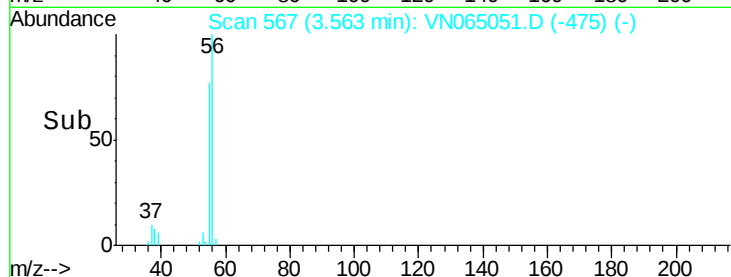
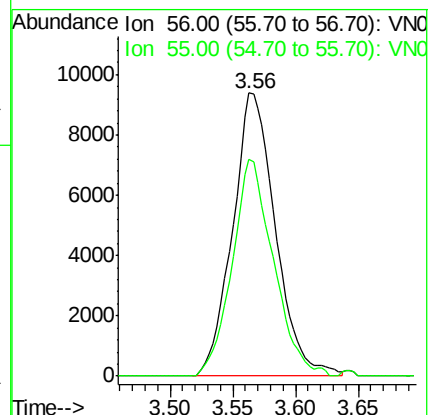
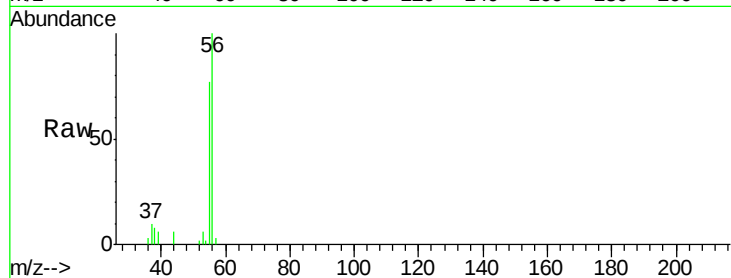
VN1210WBSD01

Tgt Ion: 56 Resp: 22305

Ion Ratio Lower Upper

56 100

55 73.7 58.4 87.6



#14

Allyl chloride

Concen: 18.170 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

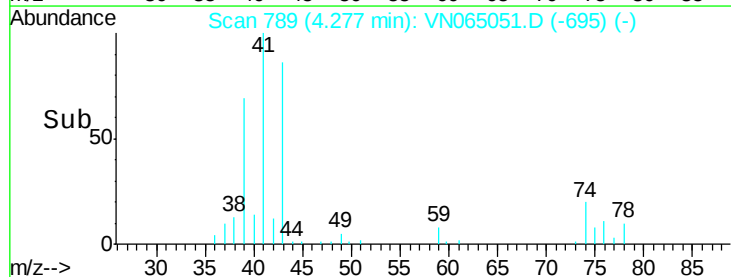
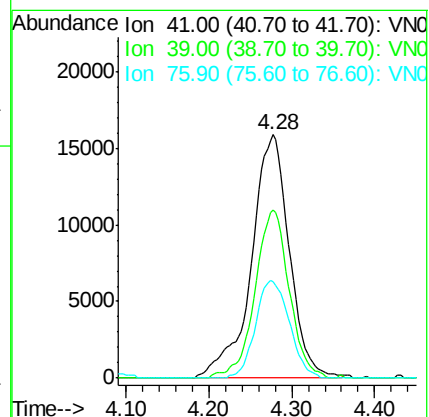
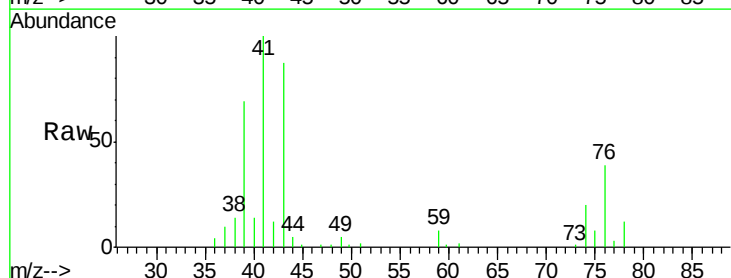
Tgt Ion: 41 Resp: 50589

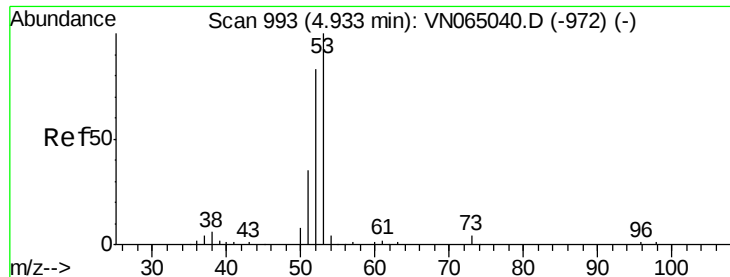
Ion Ratio Lower Upper

41 100

39 62.1 49.0 73.6

76 35.6 29.6 44.4





#15

Acrylonitrile

Concen: 90.699 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

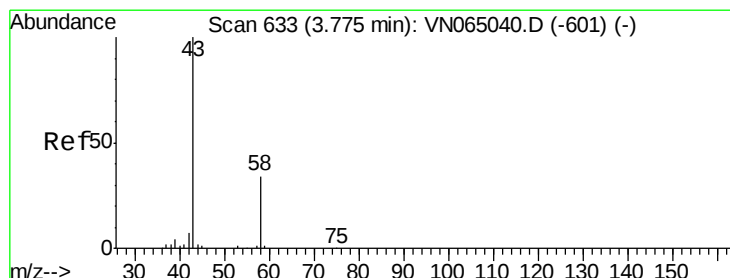
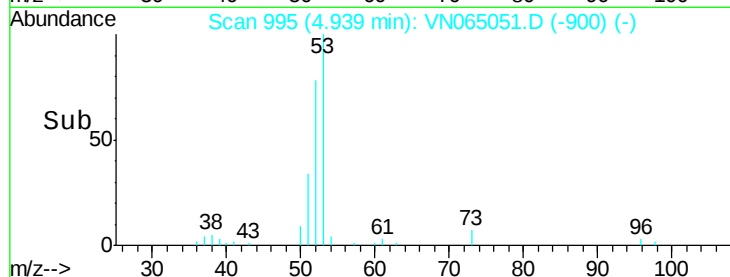
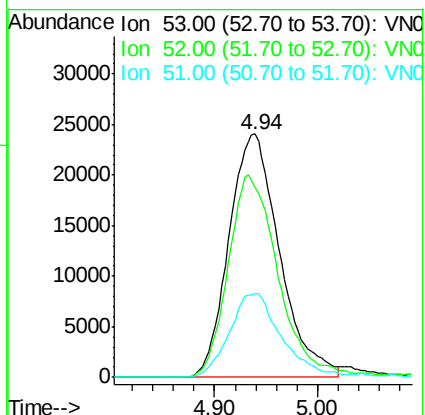
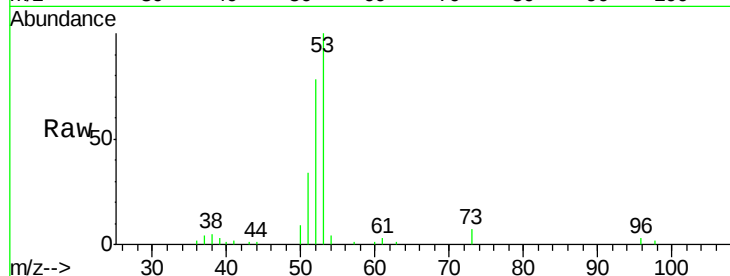
Tgt Ion: 53 Resp: 81922

Ion Ratio Lower Upper

53 100

52 83.0 65.4 98.0

51 35.5 27.8 41.6



#16

Acetone

Concen: 81.695 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065051.D

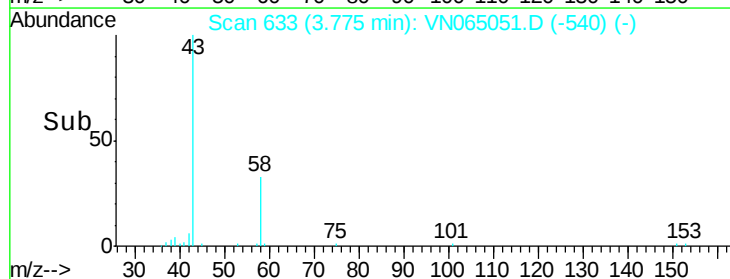
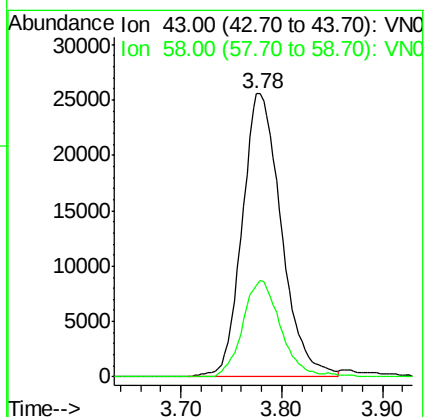
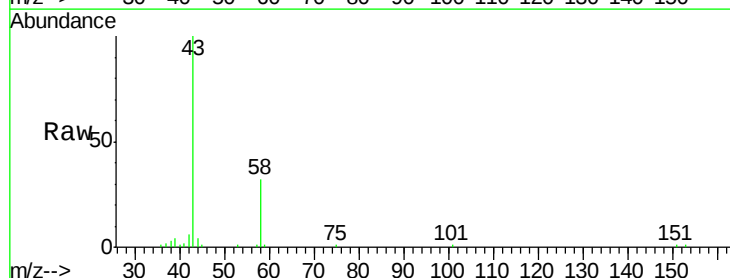
Acq: 10 Dec 2020 18:55

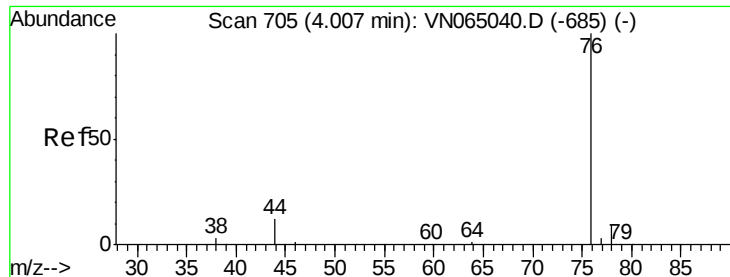
Tgt Ion: 43 Resp: 68744

Ion Ratio Lower Upper

43 100

58 32.4 26.8 40.2





#17

Carbon Disulfide

Concen: 18.503 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

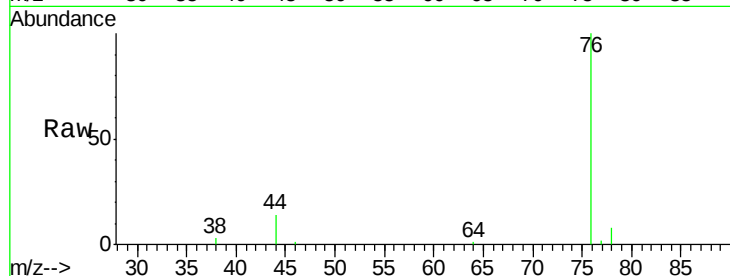
VN1210WBSD01

Tgt Ion: 76 Resp: 70475

Ion Ratio Lower Upper

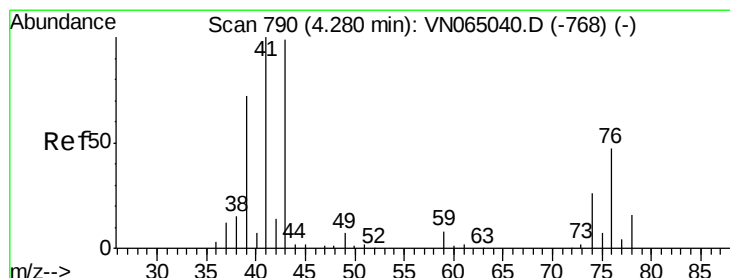
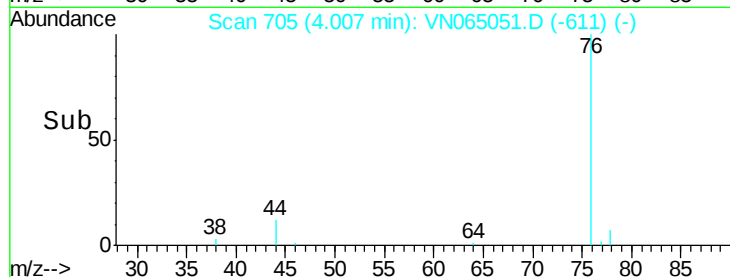
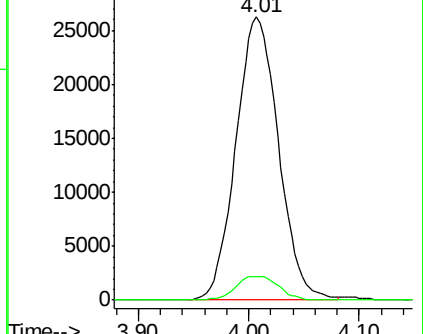
76 100

78 8.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN065040.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN065040.D (-685) (-)



#18

Methyl Acetate

Concen: 19.393 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN065051.D

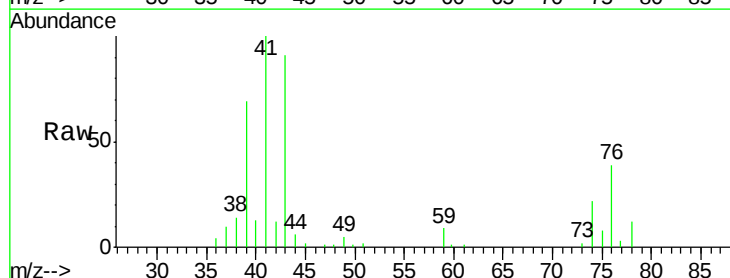
Acq: 10 Dec 2020 18:55

Tgt Ion: 43 Resp: 41124

Ion Ratio Lower Upper

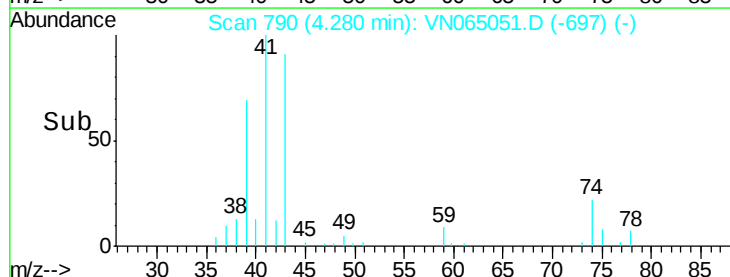
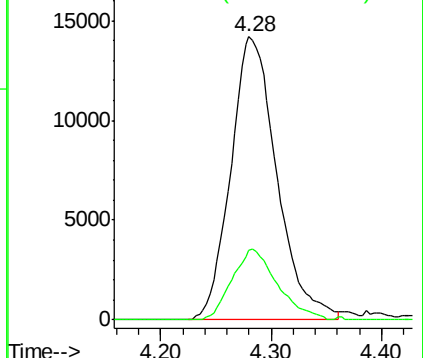
43 100

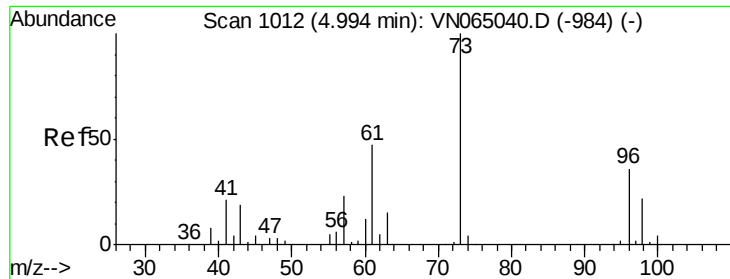
74 24.6 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN065040.D (-768) (-)

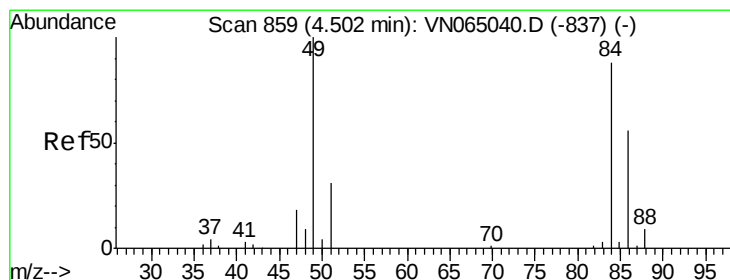
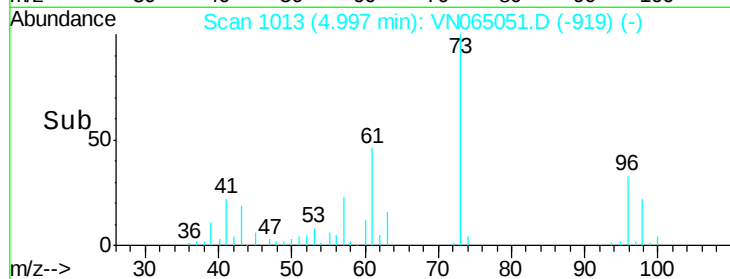
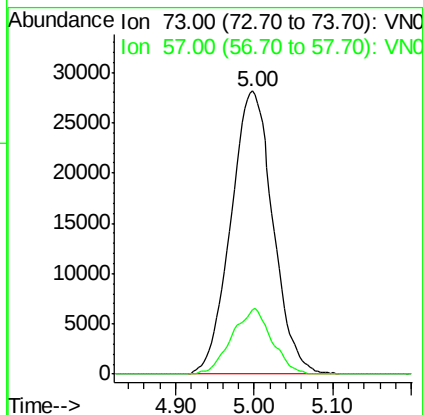
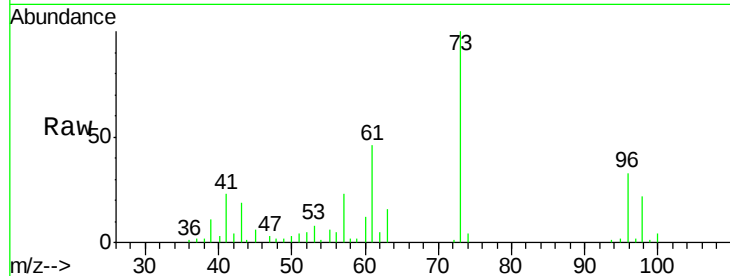




#19
Methyl tert-butyl Ether
Concen: 18.214 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

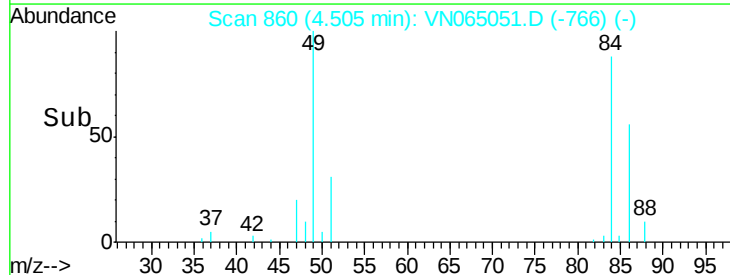
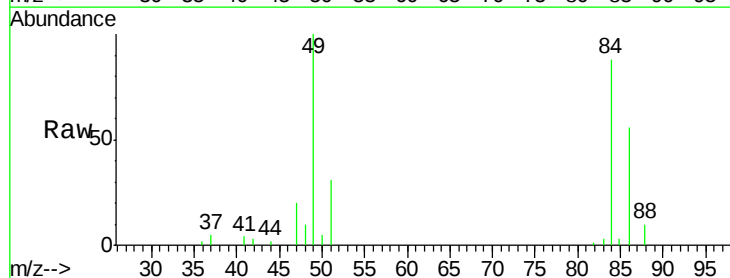
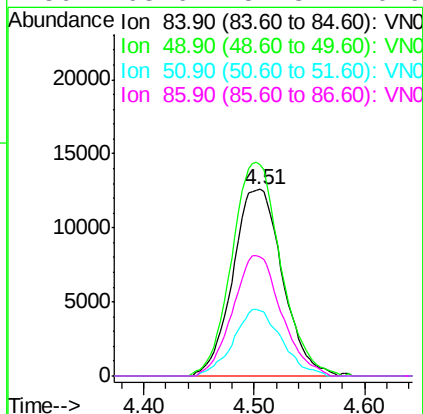
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

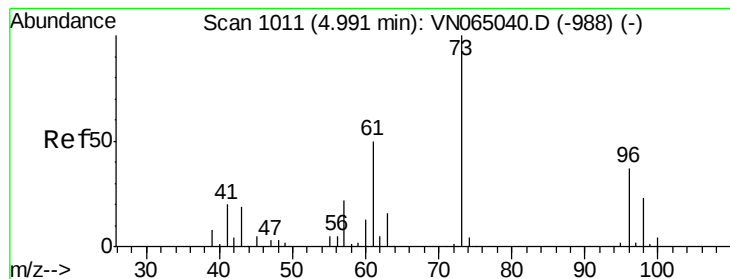
Tgt Ion: 73 Resp: 105482
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0



#20
Methylene Chloride
Concen: 18.365 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 84 Resp: 39369
Ion Ratio Lower Upper
84 100
49 113.0 90.8 136.2
51 35.4 28.1 42.1
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.673 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

VN1210WBSD01

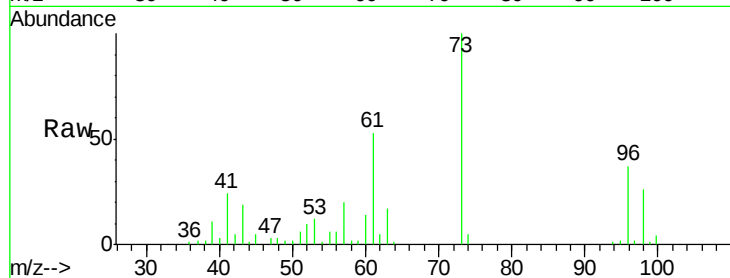
Tgt Ion: 96 Resp: 33149

Ion Ratio Lower Upper

96 100

61 140.9 107.1 160.7

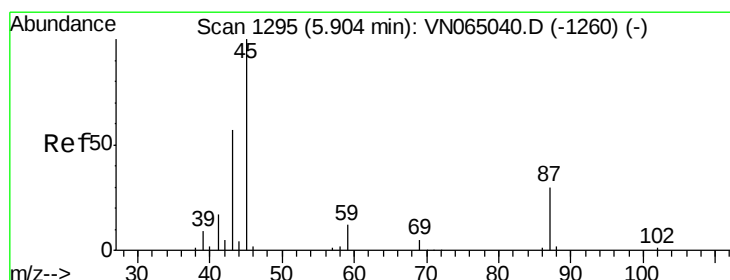
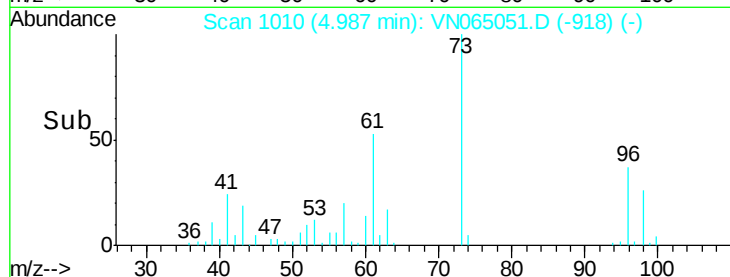
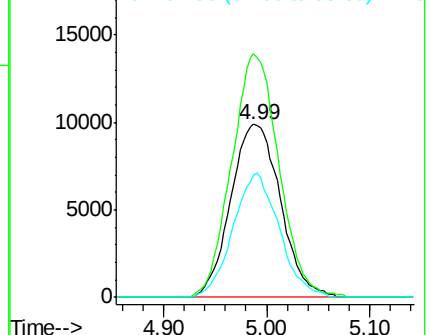
98 70.6 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN065040.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN065040.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN065040.D (-988) (-)



#22

Diisopropyl ether

Concen: 18.658 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion: 45 Resp: 113246

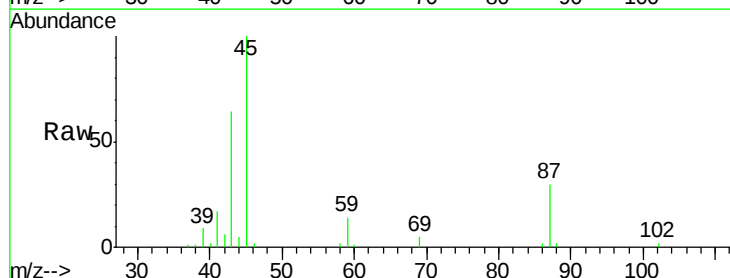
Ion Ratio Lower Upper

45 100

43 61.7 47.9 71.9

87 30.0 24.3 36.5

59 13.8 9.5 14.3

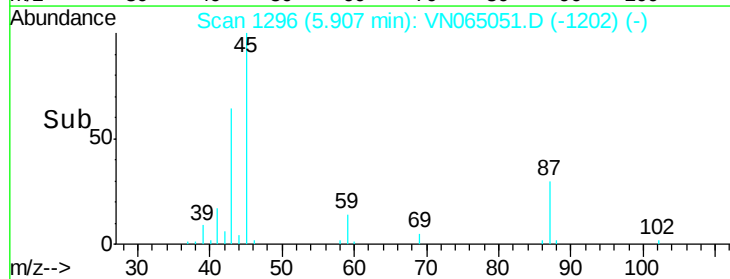
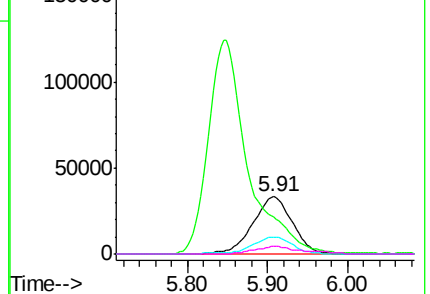


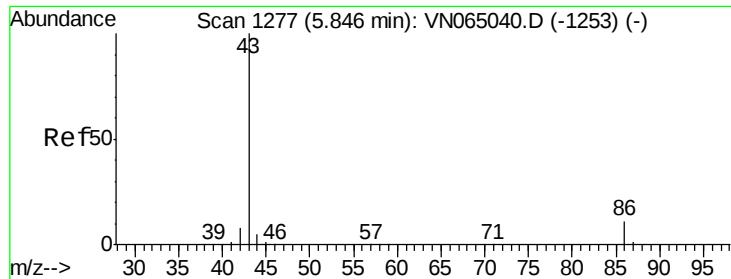
Abundance Ion 45.00 (44.70 to 45.70): VN065040.D (-1260) (-)

Ion 43.00 (42.70 to 43.70): VN065040.D (-1260) (-)

Ion 87.00 (86.70 to 87.70): VN065040.D (-1260) (-)

Ion 59.00 (58.70 to 59.70): VN065040.D (-1260) (-)





#23

Vinyl Acetate

Concen: 90.856 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

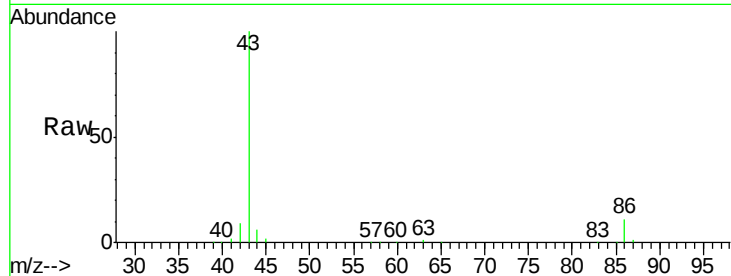
VN1210WBSD01

Tgt Ion: 43 Resp: 426210

Ion Ratio Lower Upper

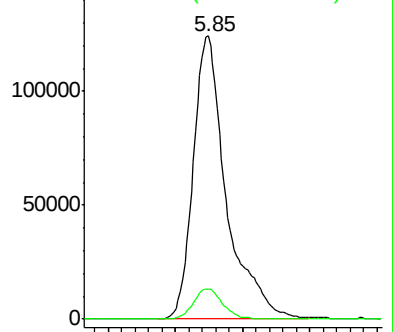
43 100

86 10.7 8.6 12.8

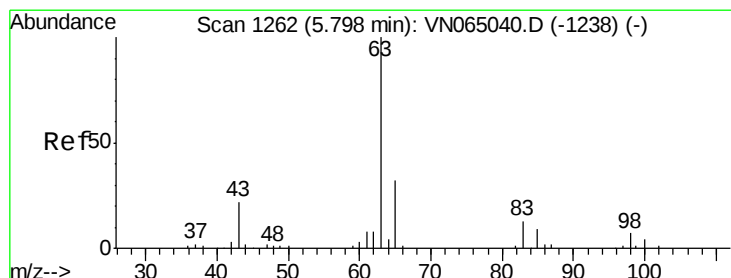
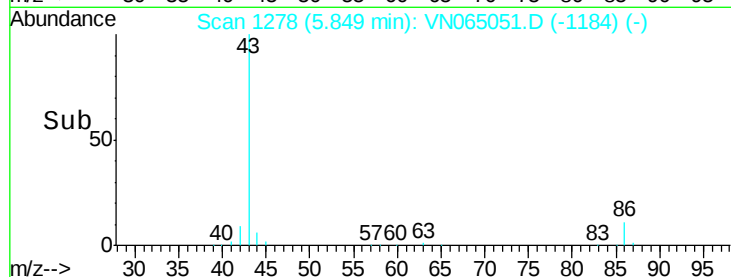


Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1253) (-)

Ion 86.00 (85.70 to 86.70): VN065040.D (-1253) (-)



Time-->



#24

1,1-Dichloroethane

Concen: 18.266 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

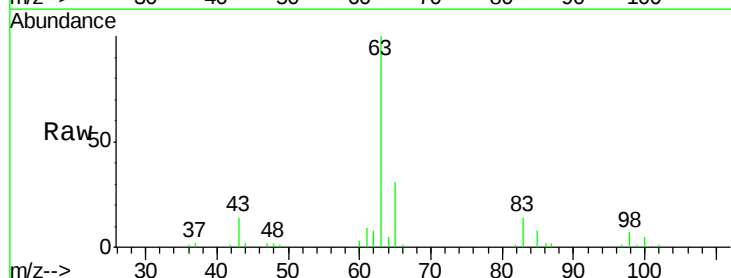
Tgt Ion: 63 Resp: 65673

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

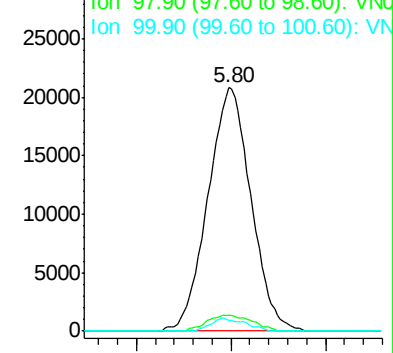
100 4.5 2.1 6.2



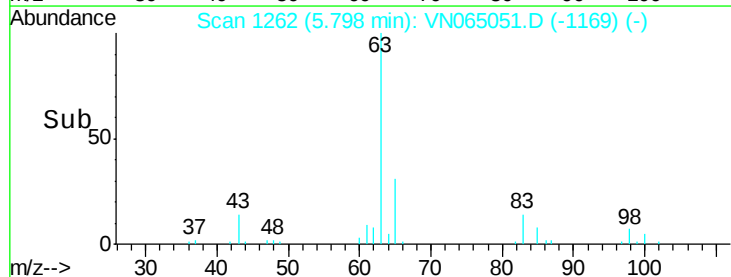
Abundance Ion 62.90 (62.60 to 63.60): VN065040.D (-1238) (-)

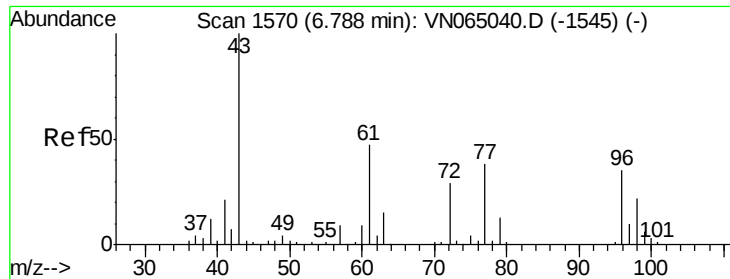
Ion 97.90 (97.60 to 98.60): VN065040.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN065040.D (-1238) (-)



Time-->





#25

2-Butanone

Concen: 89.204 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

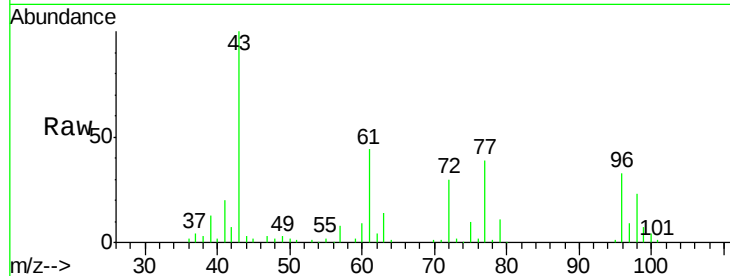
VN1210WBSD01

Tgt Ion: 43 Resp: 103514

Ion Ratio Lower Upper

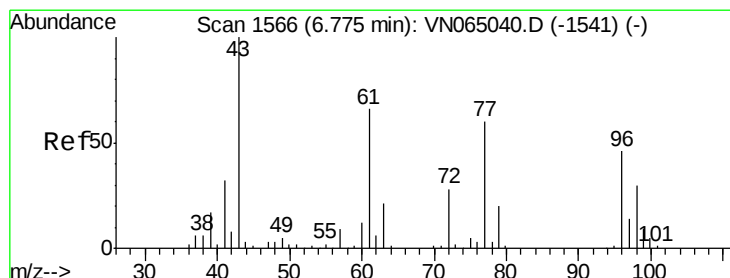
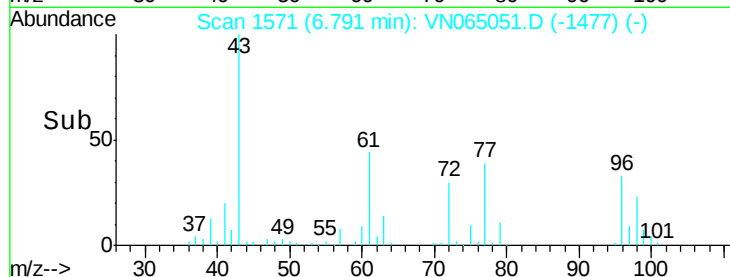
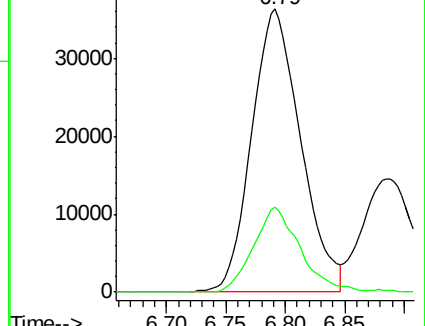
43 100

72 29.9 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN065040.D (-1545) (-)



#26

2,2-Dichloropropane

Concen: 18.188 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN065051.D

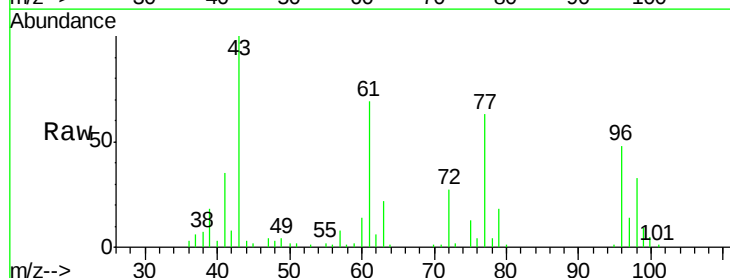
Acq: 10 Dec 2020 18:55

Tgt Ion: 77 Resp: 56035

Ion Ratio Lower Upper

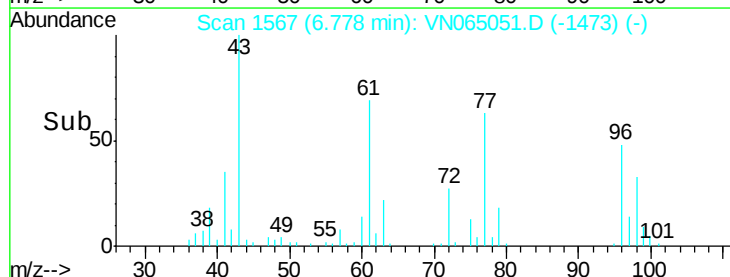
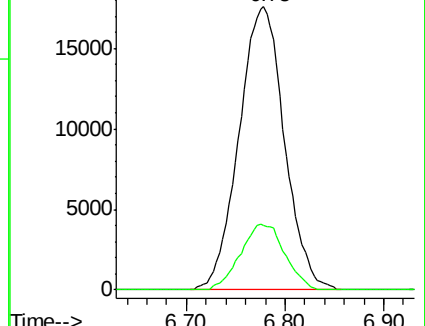
77 100

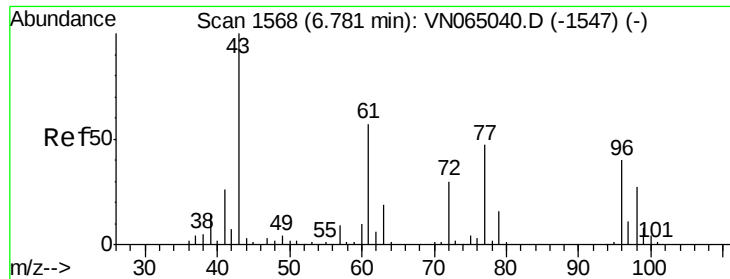
97 22.6 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN065040.D (-1541) (-)

Ion 96.90 (96.60 to 97.60): VN065040.D (-1541) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.003 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

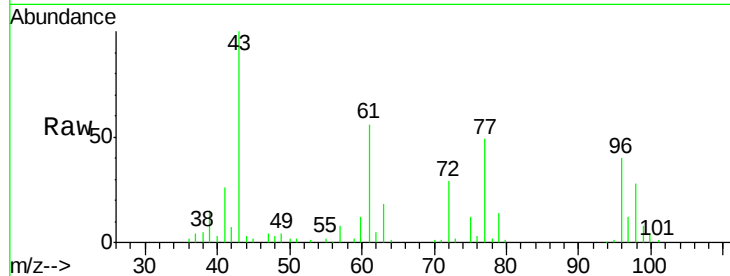
Tgt Ion: 96 Resp: 40773

Ion Ratio Lower Upper

96 100

61 137.3 0.0 283.6

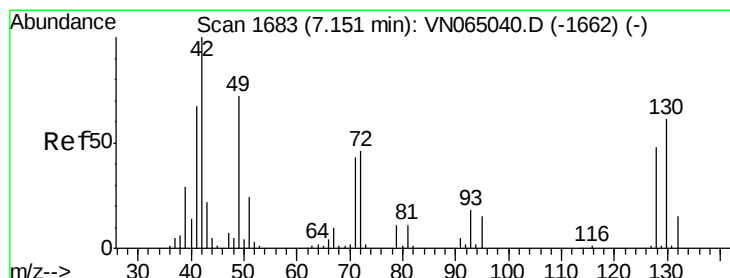
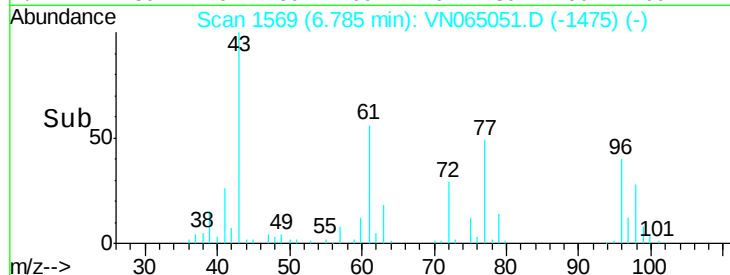
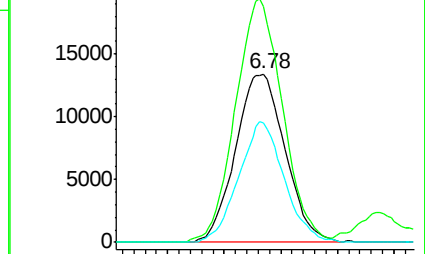
98 65.7 0.0 130.8



Abundance Ion 95.90 (95.60 to 96.60): VN065040.D (-1547) (-)

Ion 60.90 (60.60 to 61.60): VN065040.D (-1547) (-)

Ion 97.90 (97.60 to 98.60): VN065040.D (-1547) (-)



#28

Bromochloromethane

Concen: 18.670 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

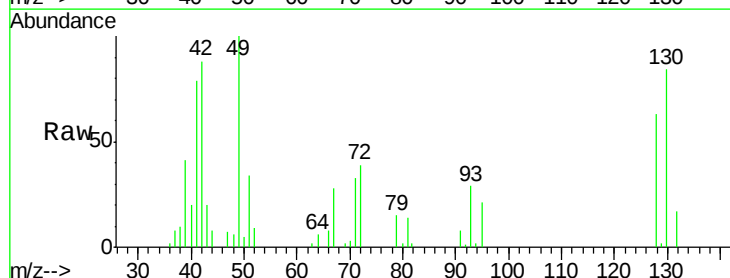
Tgt Ion: 49 Resp: 31906

Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.2

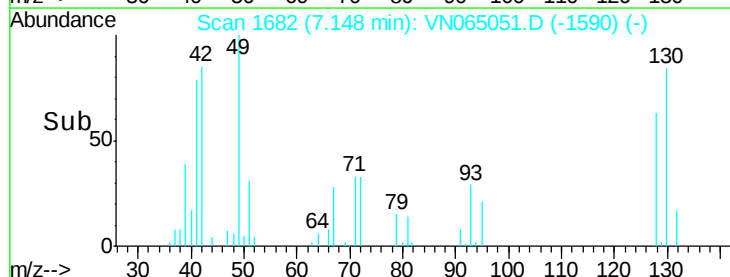
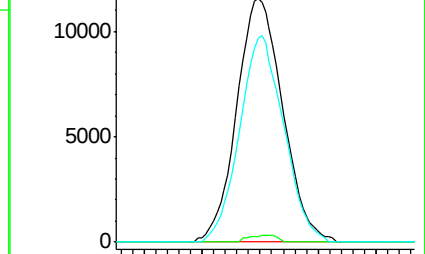
130 81.2 67.9 101.9

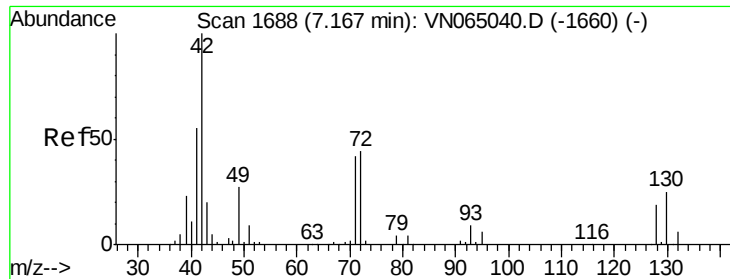


Abundance Ion 48.90 (48.60 to 49.60): VN065040.D (-1662) (-)

Ion 128.80 (128.50 to 129.50): VN065040.D (-1662) (-)

Ion 129.80 (129.50 to 130.50): VN065040.D (-1662) (-)

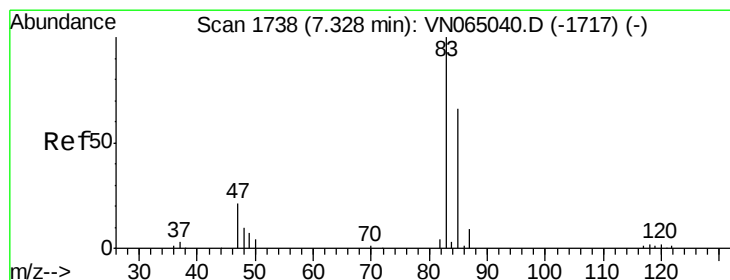
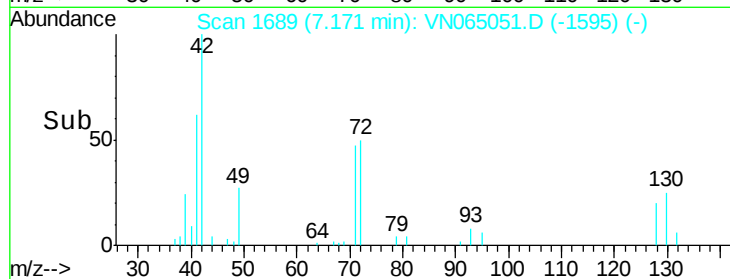
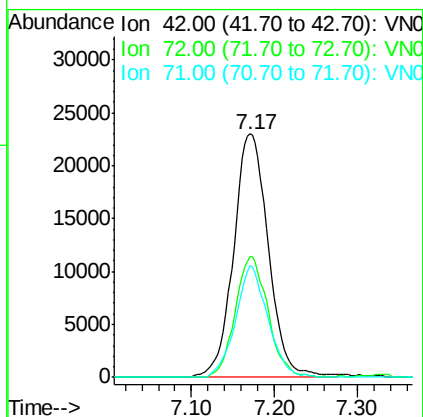
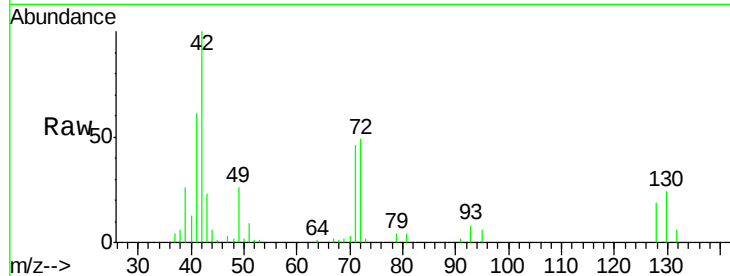




#29
Tetrahydrofuran
Concen: 92.197 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

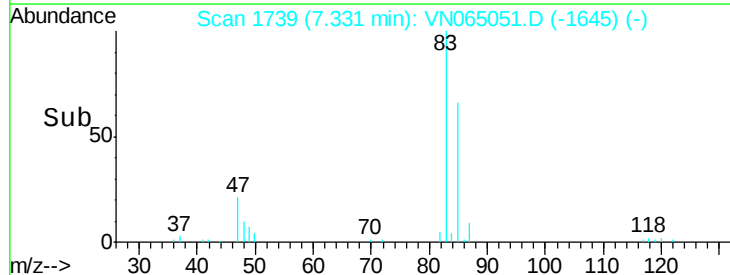
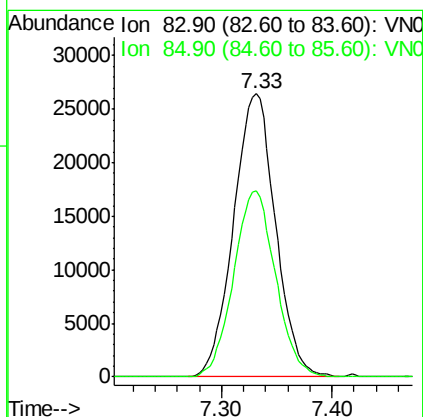
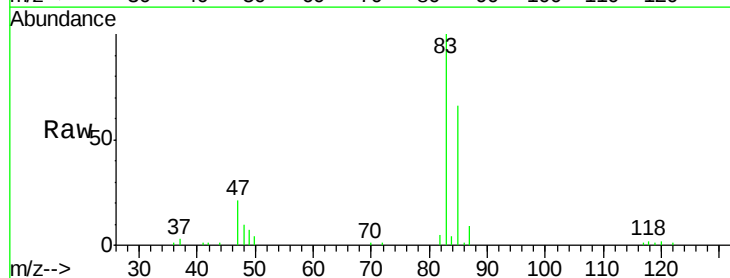
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

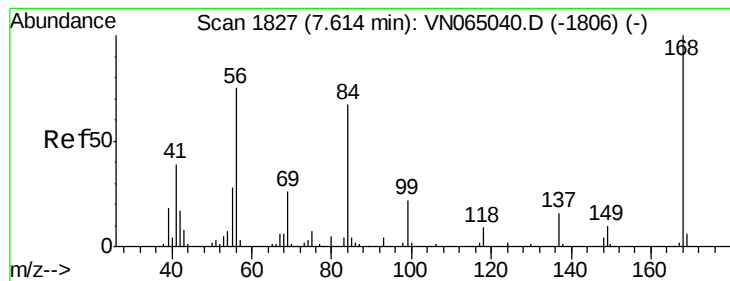
Tgt Ion: 42 Resp: 67164
Ion Ratio Lower Upper
42 100
72 46.7 35.8 53.6
71 42.1 33.5 50.3



#30
Chloroform
Concen: 18.746 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 83 Resp: 69660
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8

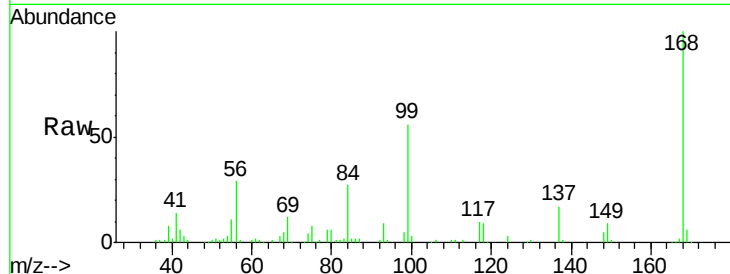




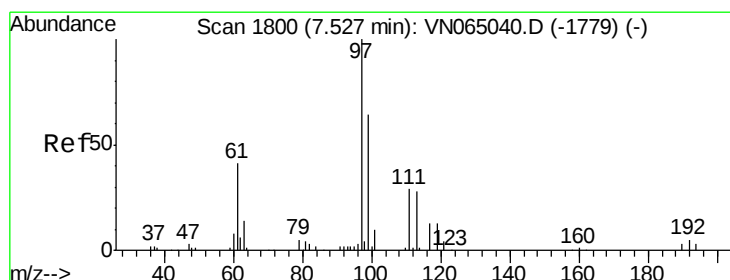
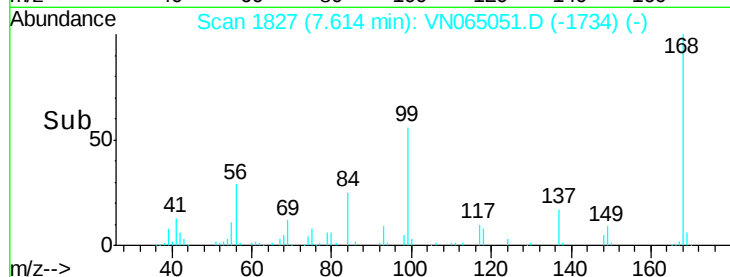
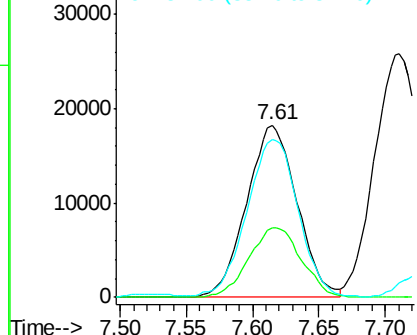
#31
Cyclohexane
Concen: 19.085 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 56 Resp: 48448
Ion Ratio Lower Upper
56 100
69 40.4 27.5 41.3
84 90.3 72.4 108.6

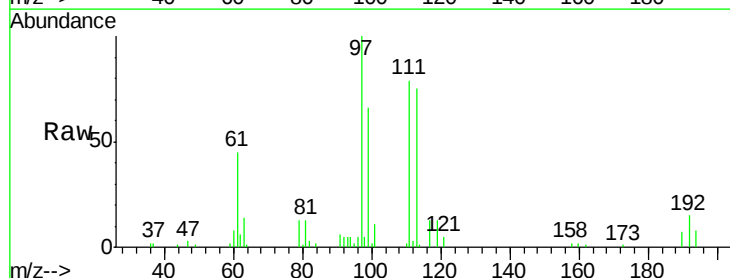


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

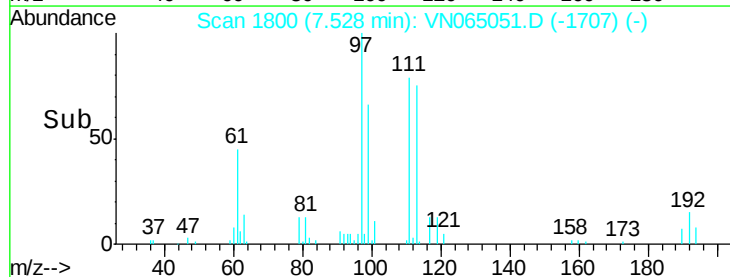
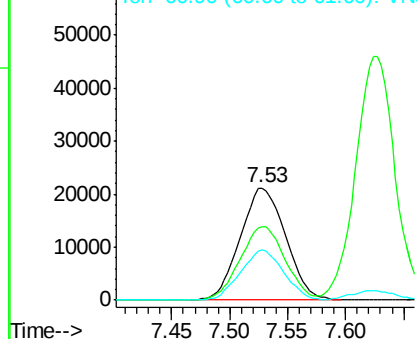


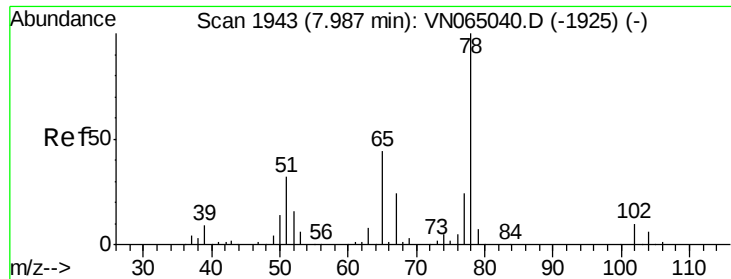
#32
1,1,1-Trichloroethane
Concen: 18.091 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 97 Resp: 57584
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 42.8 33.5 50.3



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





#33

1,2-Dichloroethane-d4

Concen: 47.949 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

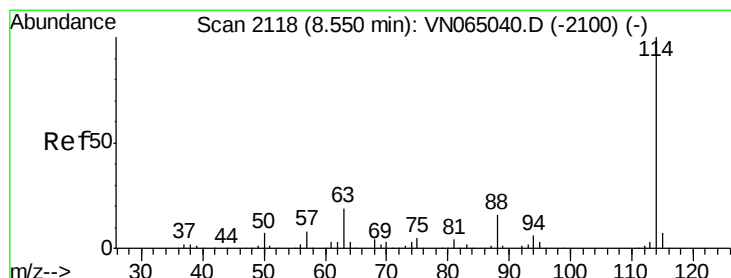
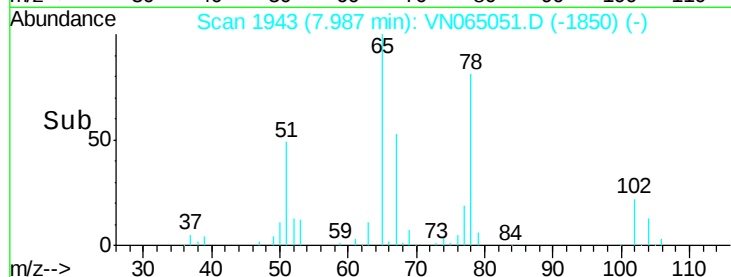
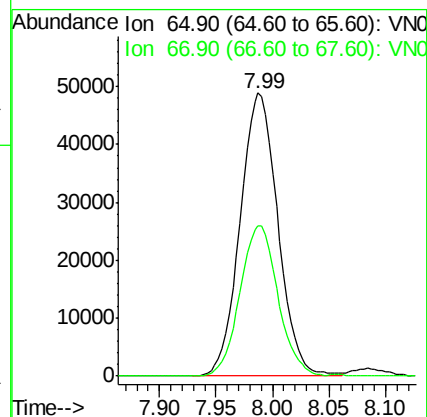
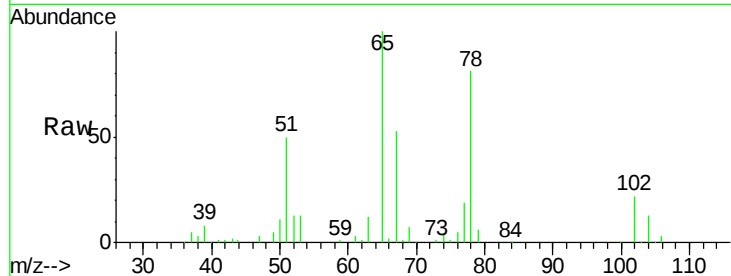
VN1210WBSD01

Tgt Ion: 65 Resp: 113755

Ion Ratio Lower Upper

65 100

67 53.4 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: VN065051.D

Acq: 10 Dec 2020 18:55

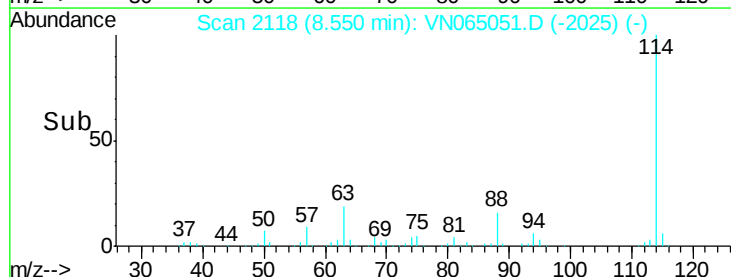
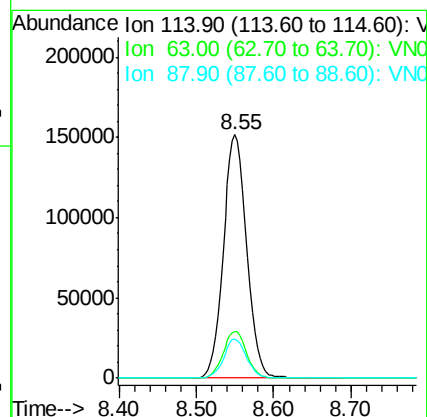
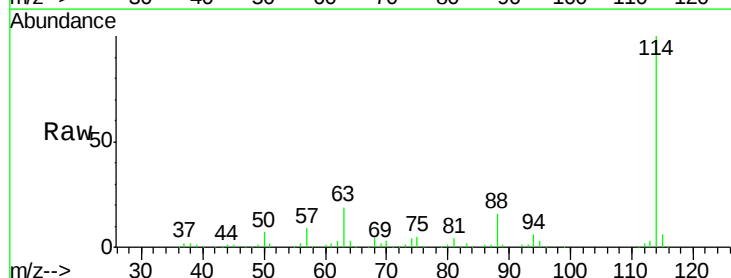
Tgt Ion: 114 Resp: 317878

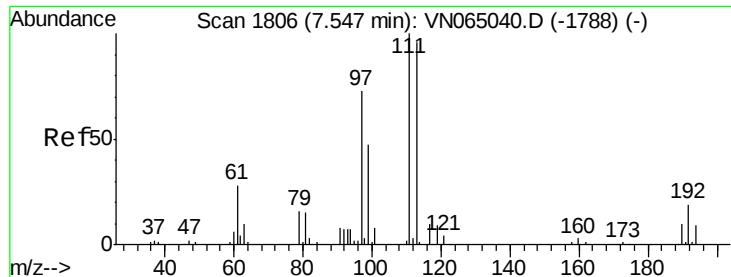
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.2

88 15.9 0.0 31.6

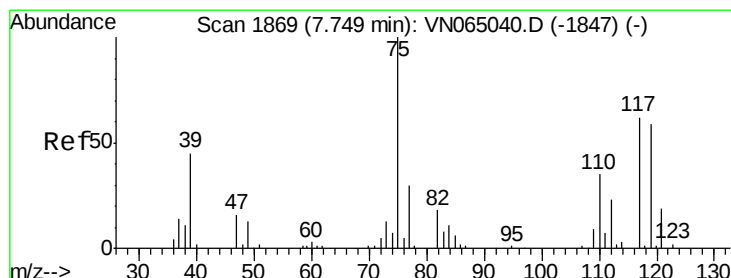
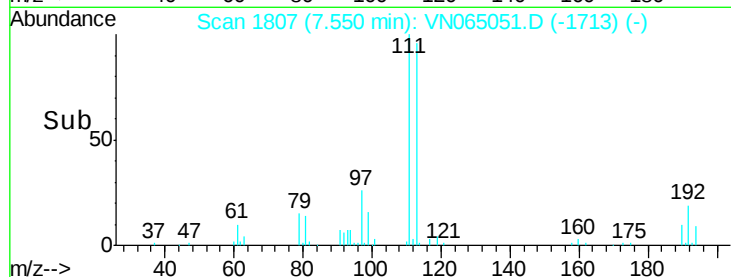
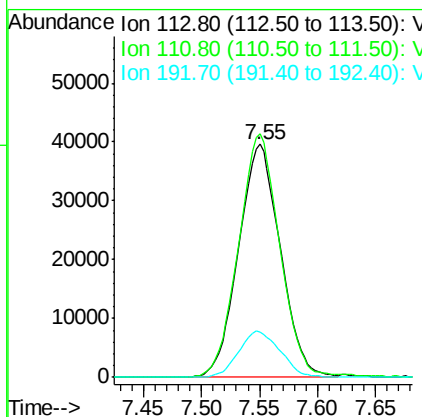
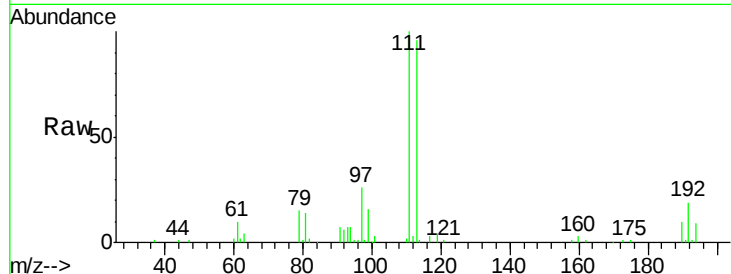




#35
 Dibromofluoromethane
 Concen: 47.218 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

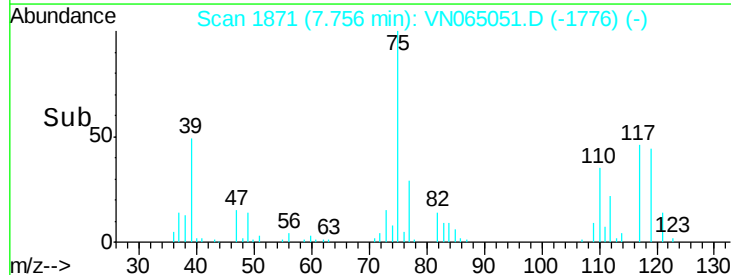
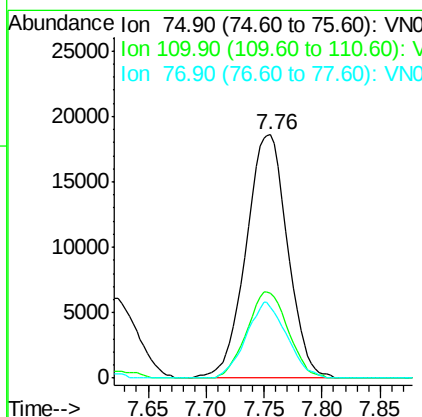
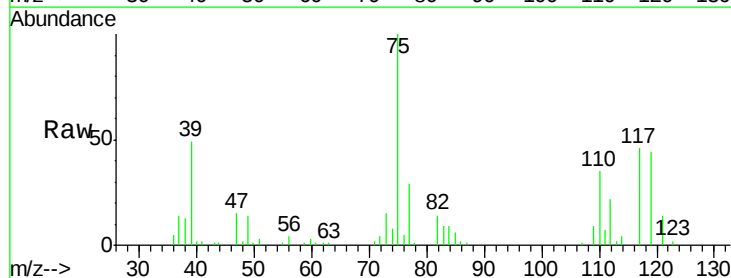
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

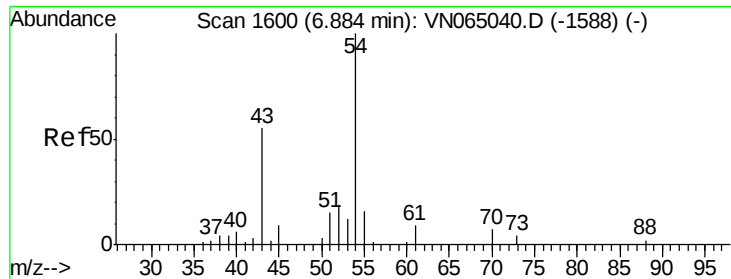
Tgt Ion: 113 Resp: 99298
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.0
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.099 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 75 Resp: 46359
 Ion Ratio Lower Upper
 75 100
 110 35.2 18.1 54.1
 77 30.5 24.5 36.7

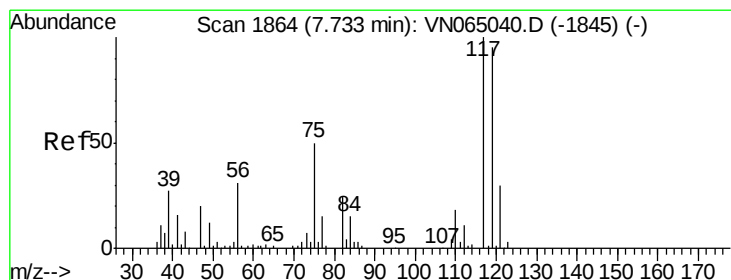
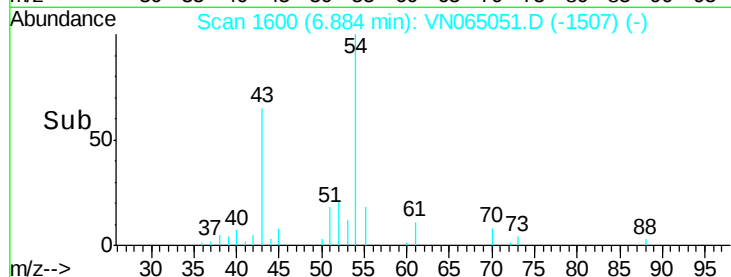
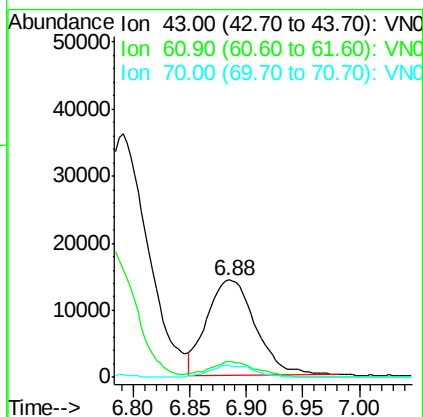
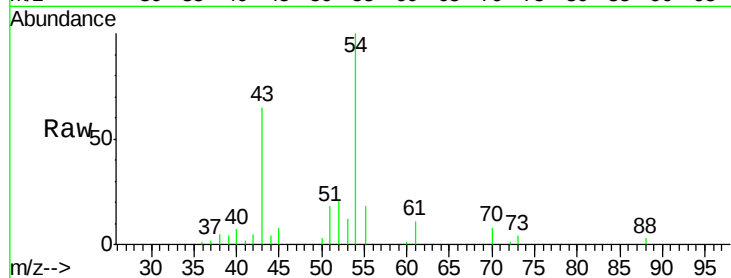




#37
Ethyl Acetate
Concen: 17.275 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

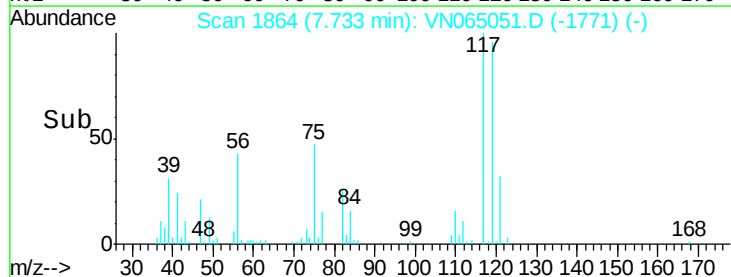
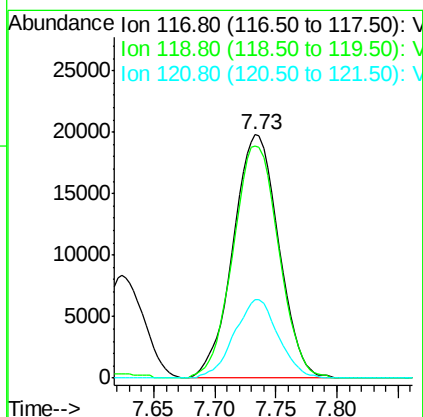
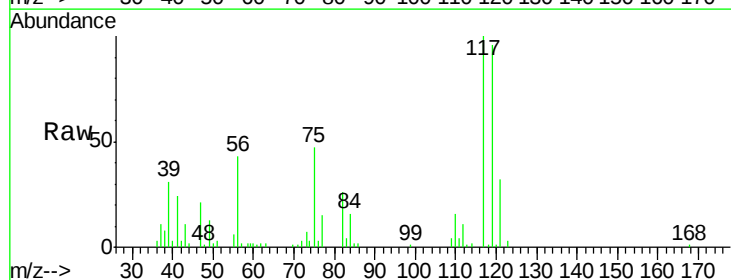
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

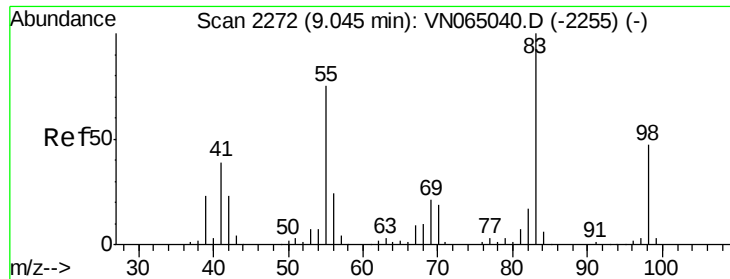
Tgt Ion: 43 Resp: 42588
Ion Ratio Lower Upper
43 100
61 16.6 11.9 17.9
70 11.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 17.775 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 117 Resp: 51202
Ion Ratio Lower Upper
117 100
119 95.5 75.9 113.9
121 32.0 24.1 36.1

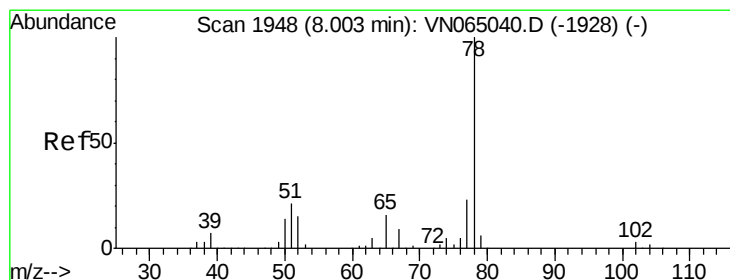
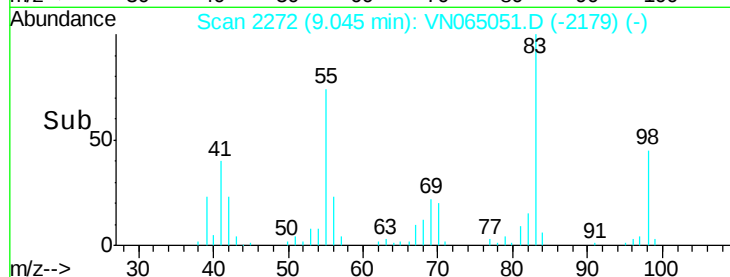
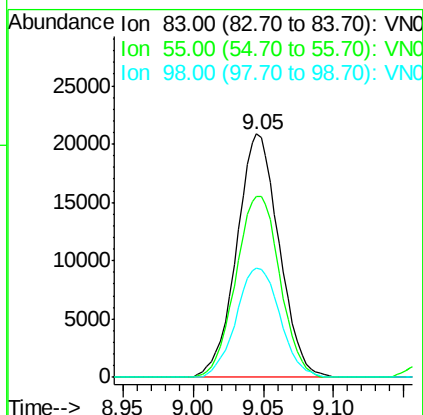
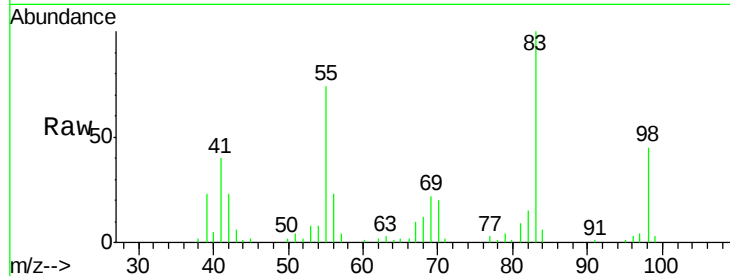




#39
Methylcyclohexane
Concen: 16.484 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

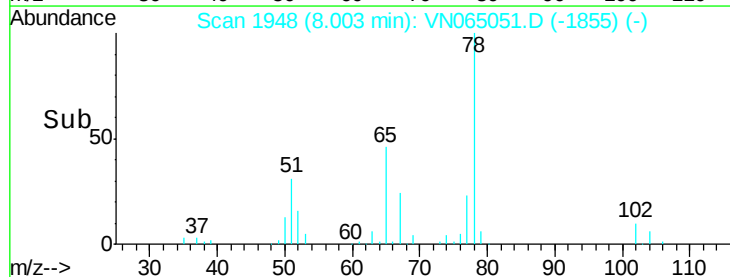
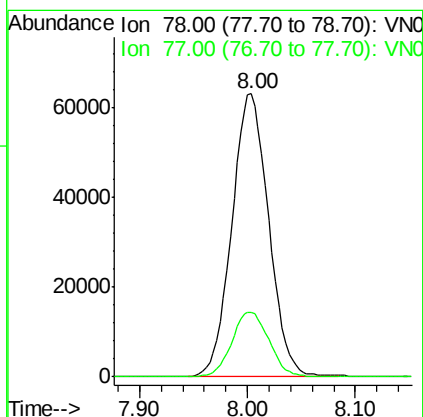
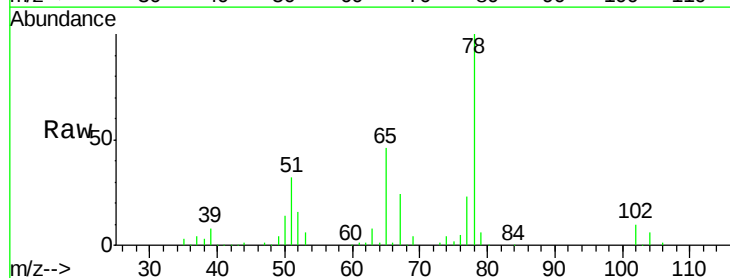
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

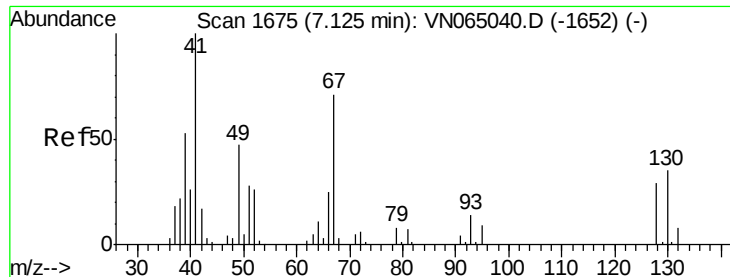
Tgt Ion: 83 Resp: 43923
Ion Ratio Lower Upper
83 100
55 74.4 60.3 90.5
98 45.1 37.4 56.0



#40
Benzene
Concen: 17.859 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 78 Resp: 149974
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1

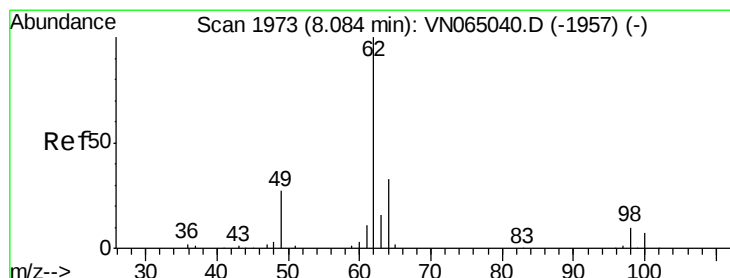
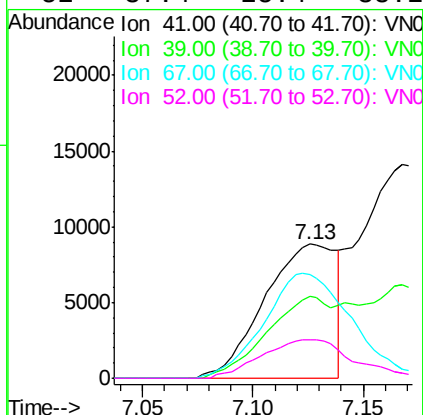
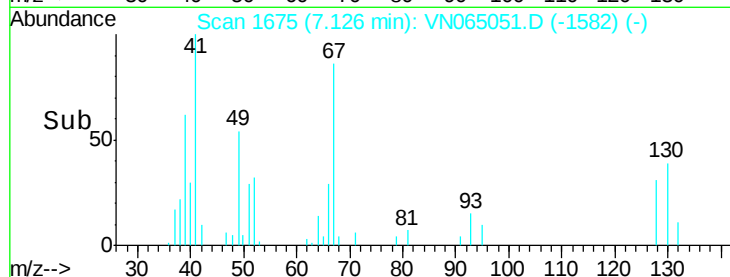
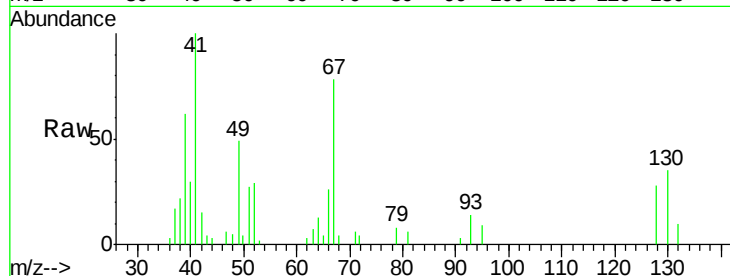




#41
Methacrylonitrile
Concen: 15.582 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

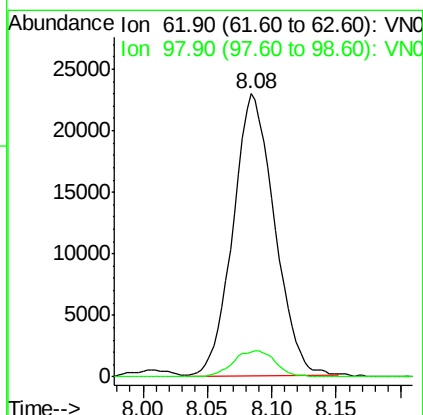
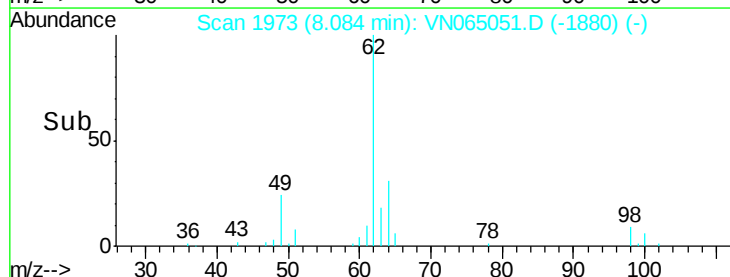
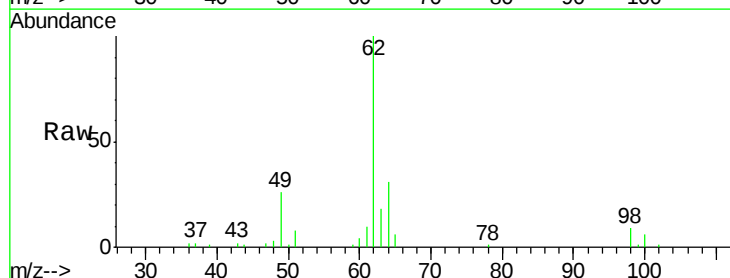
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

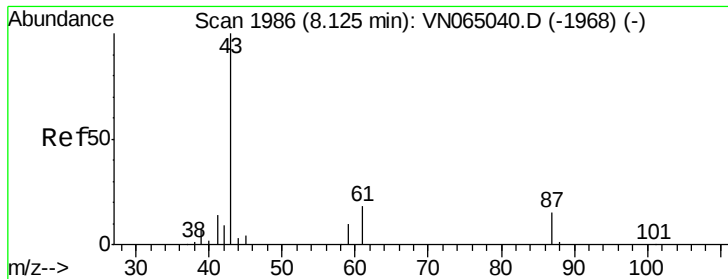
Tgt Ion:	41	Resp:	19959
Ion	Ratio	Lower	Upper
41	100		
39	52.8	36.0	54.0
67	94.5	64.8	97.2
52	37.4	25.4	38.2



#42
1,2-Dichloroethane
Concen: 17.921 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion:	62	Resp:	51030
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.670 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

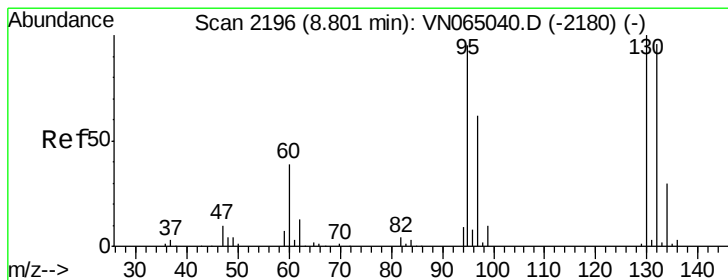
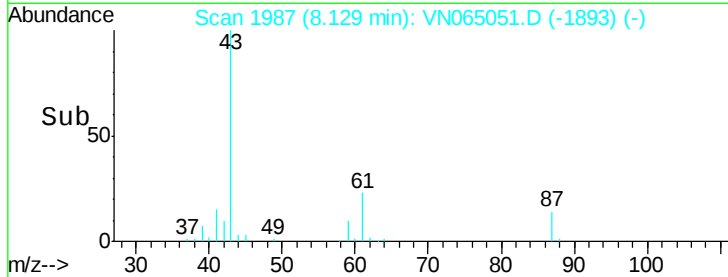
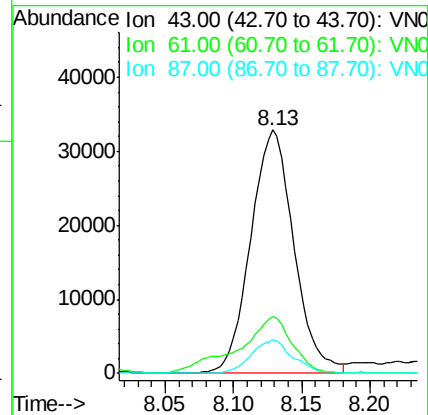
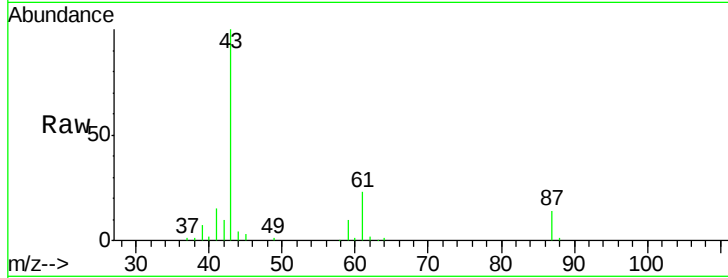
Tgt Ion: 43 Resp: 72410

Ion Ratio Lower Upper

43 100

61 28.8 16.9 25.3#

87 13.1 11.4 17.2



#44

Trichloroethene

Concen: 18.021 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN065051.D

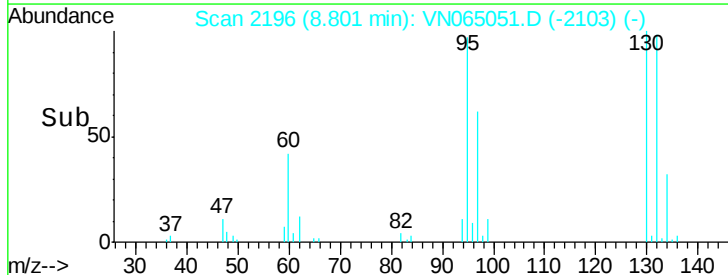
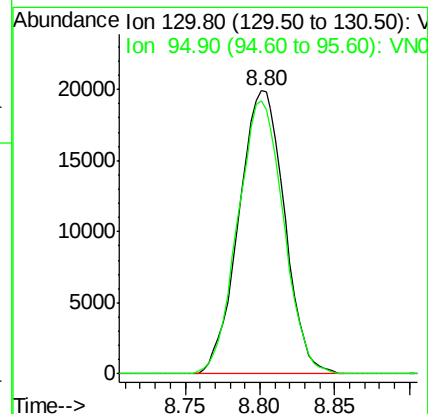
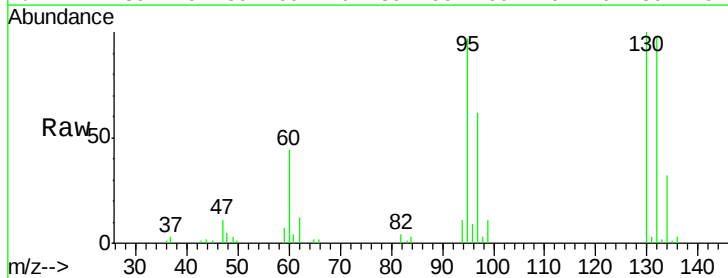
Acq: 10 Dec 2020 18:55

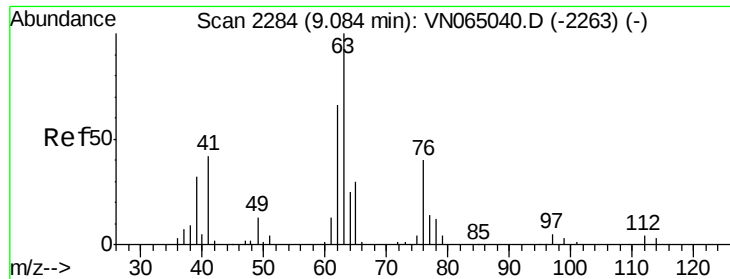
Tgt Ion: 130 Resp: 42267

Ion Ratio Lower Upper

130 100

95 96.6 0.0 190.2

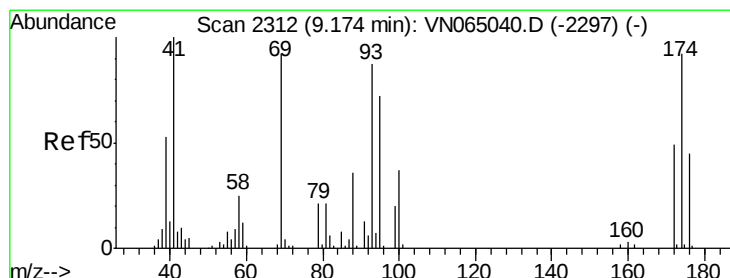
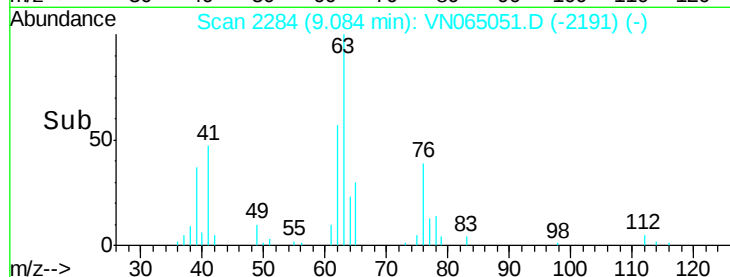
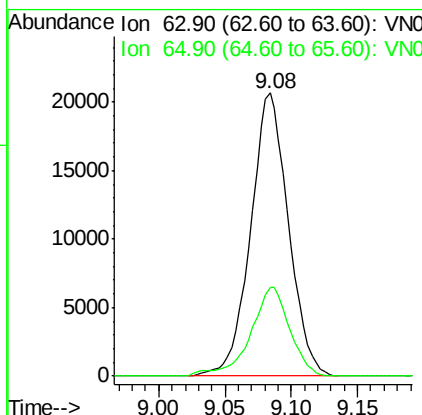
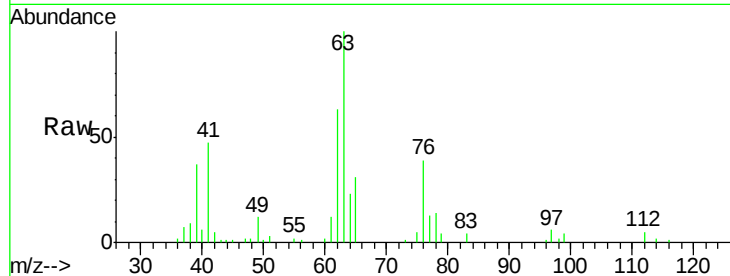




#45
 1,2-Dichloropropane
 Concen: 18.070 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

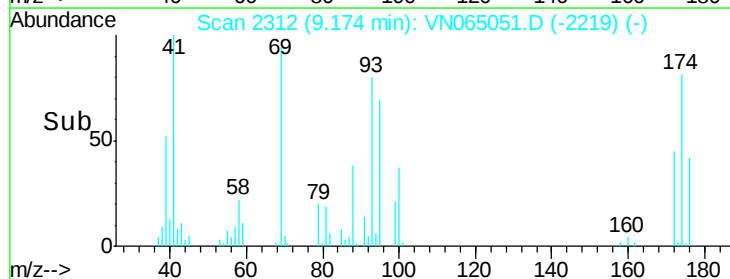
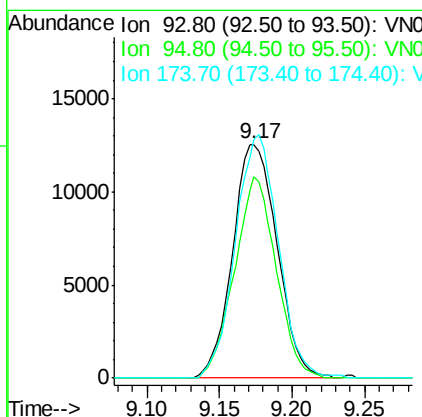
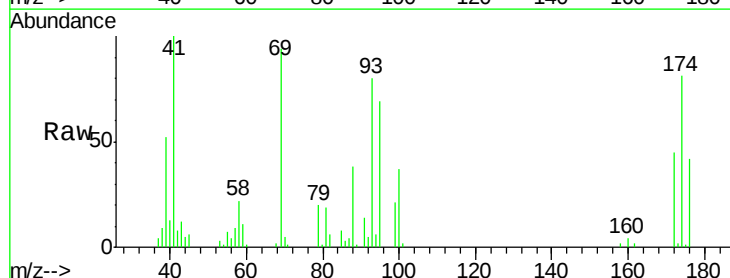
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

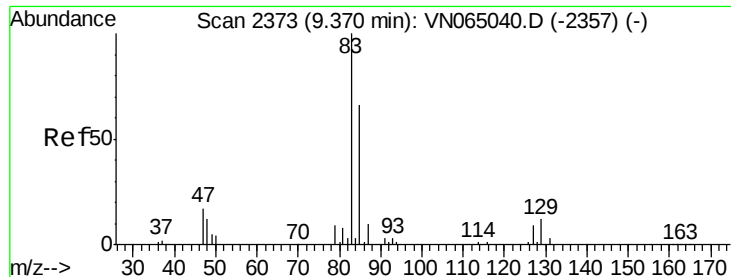
Tgt Ion: 63 Resp: 41049
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.0 36.0



#46
 Dibromomethane
 Concen: 18.240 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 93 Resp: 26842
 Ion Ratio Lower Upper
 93 100
 95 80.2 65.7 98.5
 174 100.6 83.0 124.4





#47

Bromodichloromethane

Concen: 17.925 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

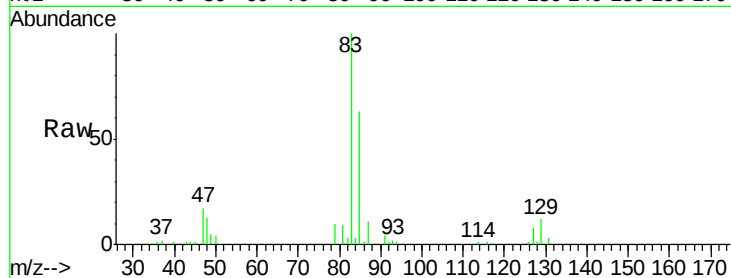
Tgt Ion: 83 Resp: 54032

Ion Ratio Lower Upper

83 100

85 63.5 52.5 78.7

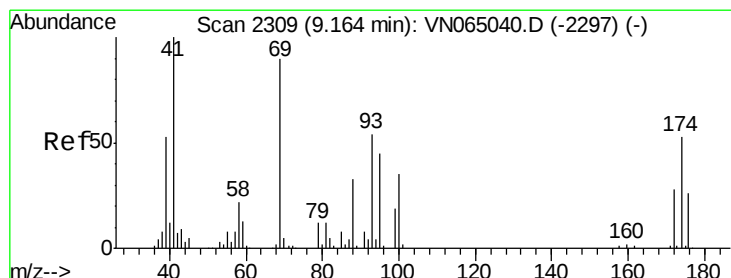
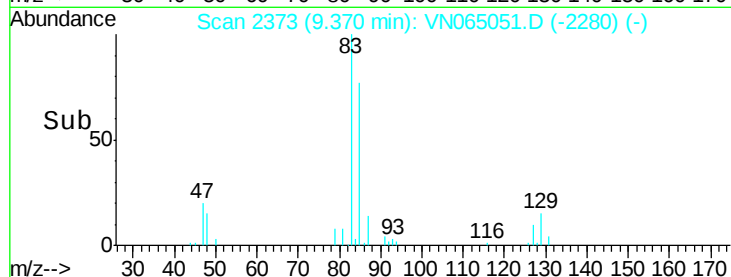
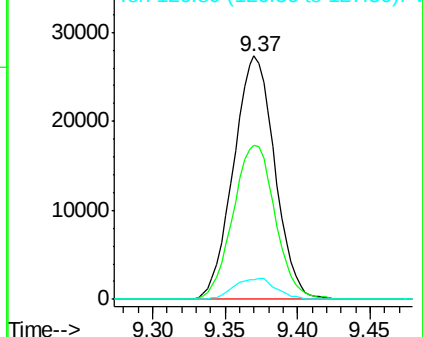
127 8.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN065051.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN065051.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN065051.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.365 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

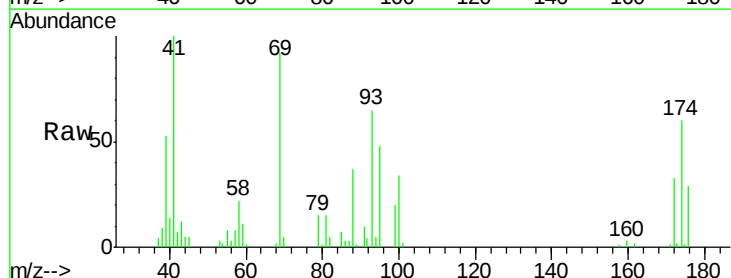
Tgt Ion: 41 Resp: 33781

Ion Ratio Lower Upper

41 100

69 91.9 72.1 108.1

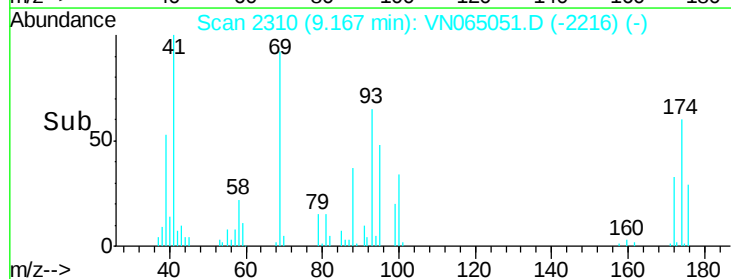
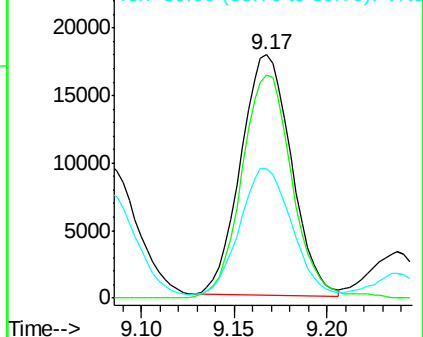
39 56.9 43.8 65.6

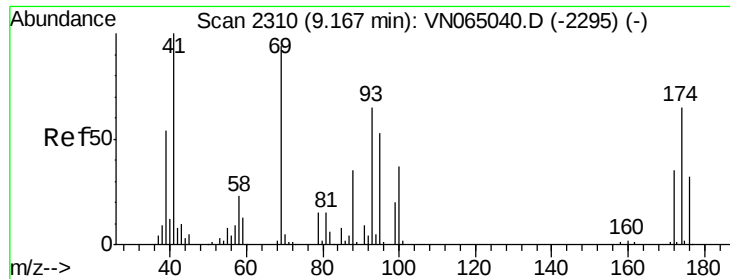


Abundance Ion 41.00 (40.70 to 41.70): VN065051.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN065051.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN065051.D (-2216) (-)

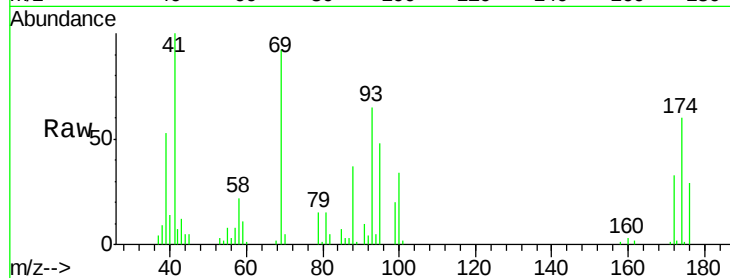




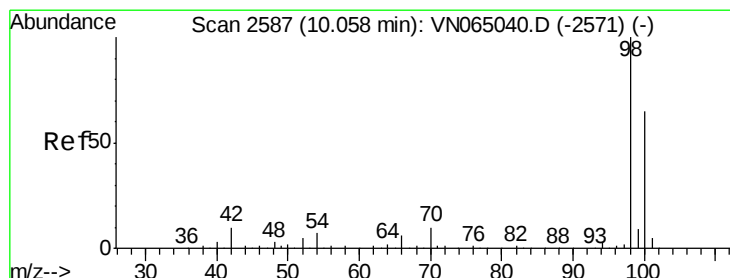
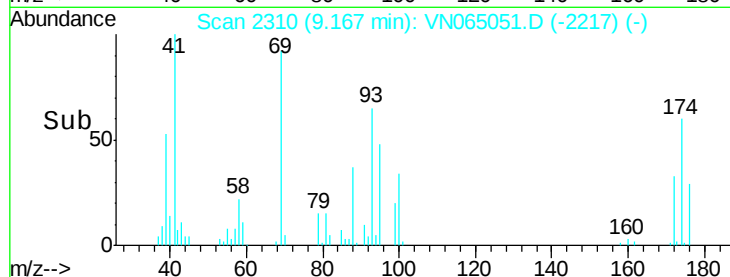
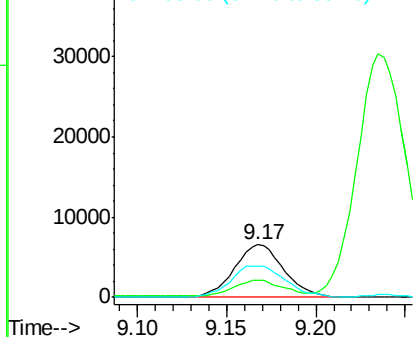
#49
1,4-Dioxane
Concen: 361.408 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 88 Resp: 12694
Ion Ratio Lower Upper
88 100
43 29.6 21.1 31.7
58 65.5 53.8 80.8

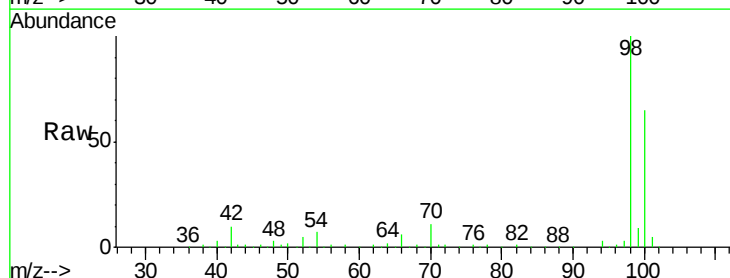


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

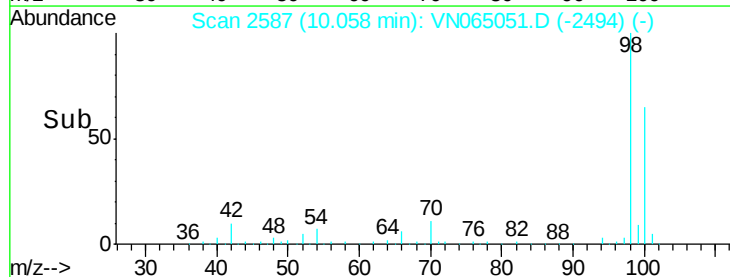
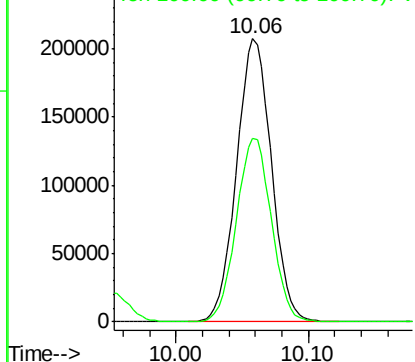


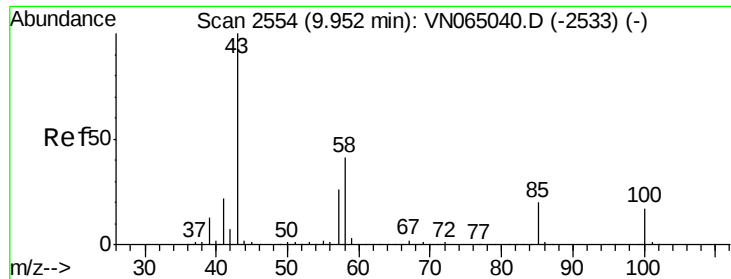
#50
Toluene-d8
Concen: 47.095 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 98 Resp: 379964
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



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

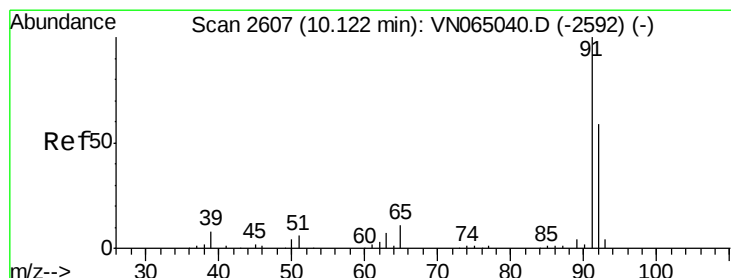
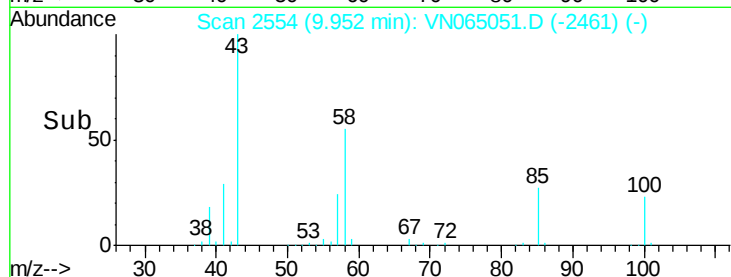
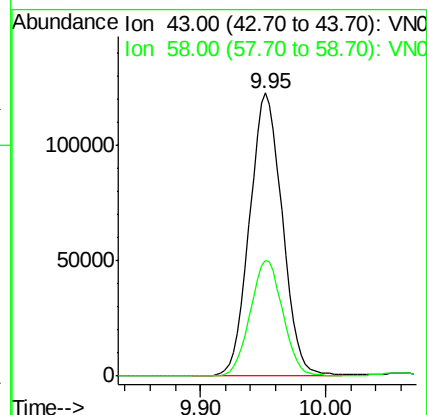
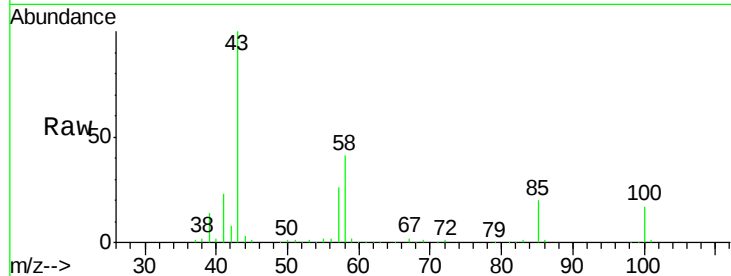




#51
4-Methyl-2-Pentanone
Concen: 91.008 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

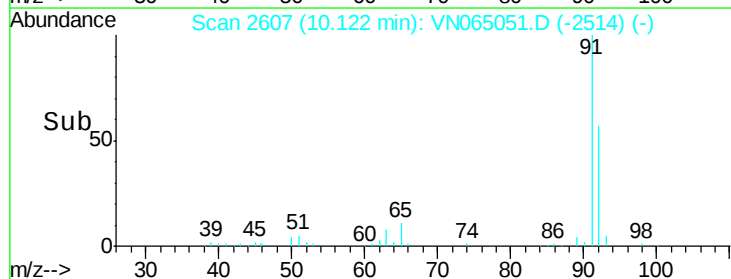
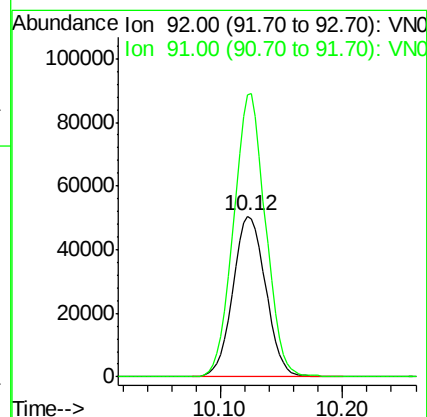
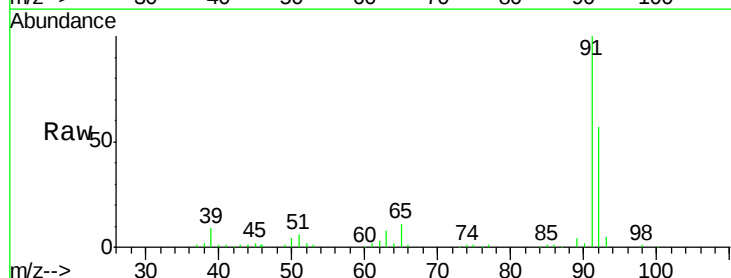
Instrument :
MSVOA_N
ClientSampled :
VN1210WBSD01

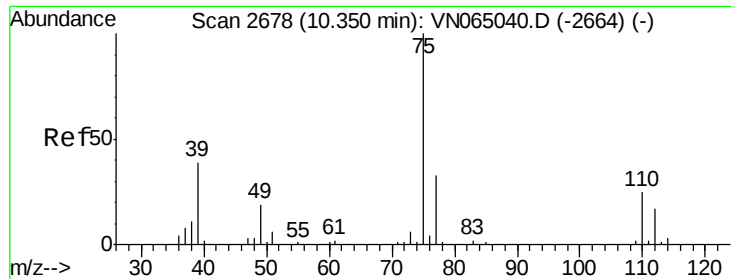
Tgt Ion: 43 Resp: 222958
Ion Ratio Lower Upper
43 100
58 40.9 32.4 48.6



#52
Toluene
Concen: 17.943 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 92 Resp: 94422
Ion Ratio Lower Upper
92 100
91 171.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 17.608 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

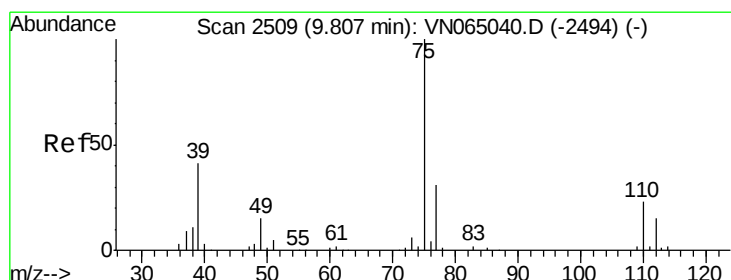
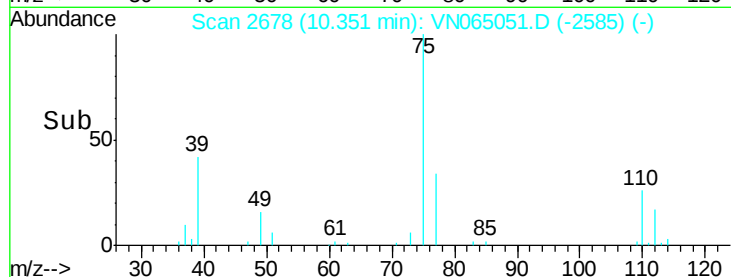
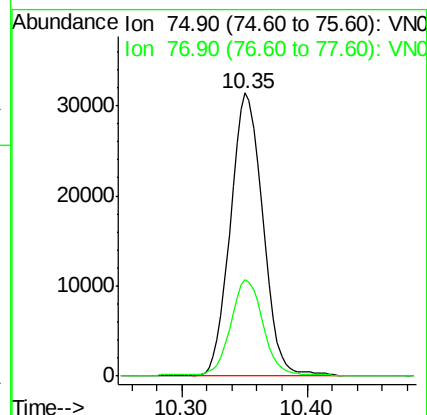
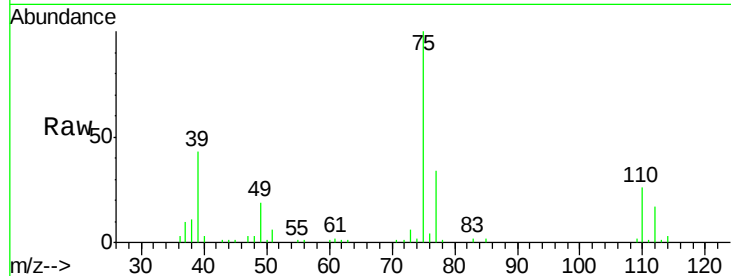
VN1210WBSD01

Tgt Ion: 75 Resp: 56565

Ion Ratio Lower Upper

75 100

77 34.1 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 17.446 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

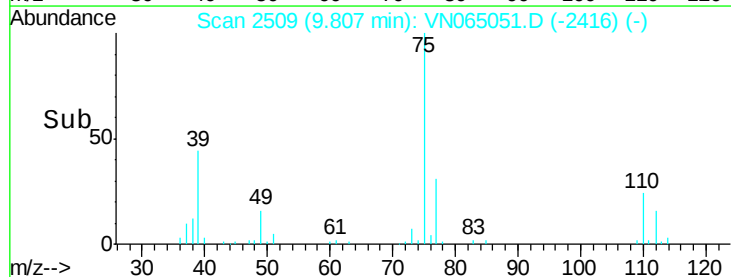
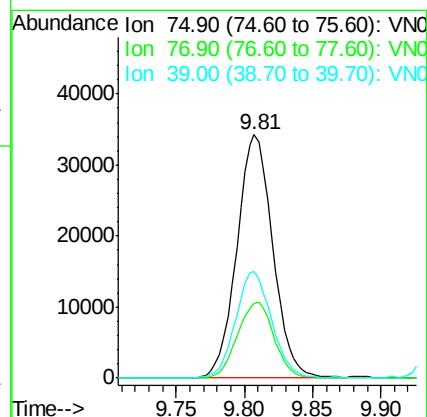
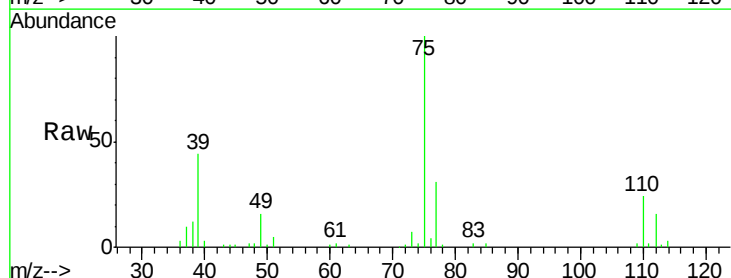
Tgt Ion: 75 Resp: 62686

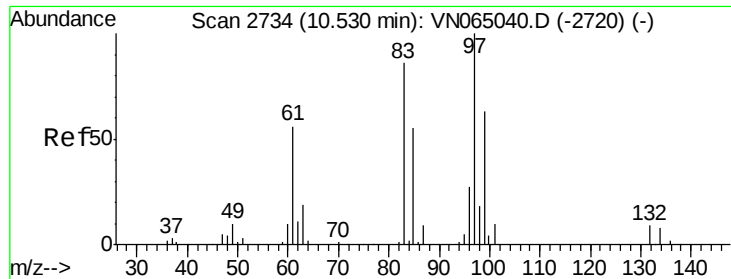
Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

39 43.8 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 17.758 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tgt Ion: 97 Resp: 38691

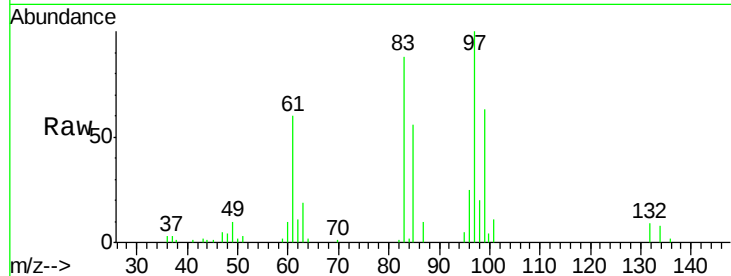
Ion Ratio Lower Upper

97 100

83 87.7 69.0 103.6

85 56.4 43.6 65.4

99 62.8 50.1 75.1

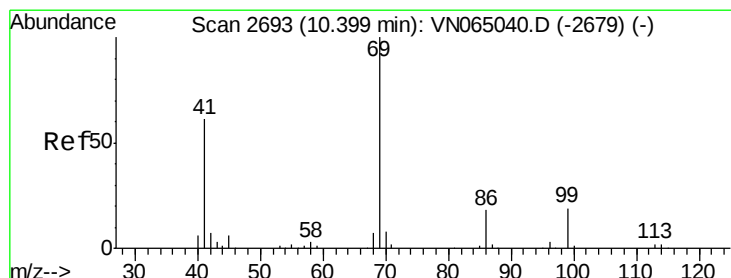
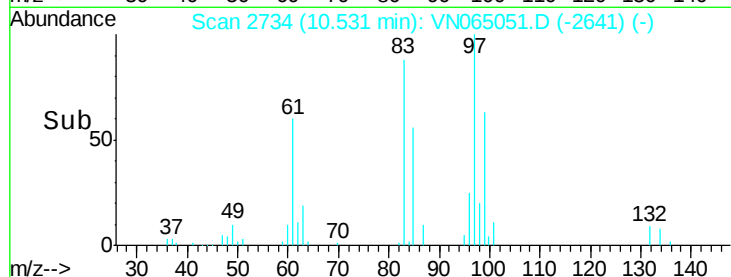
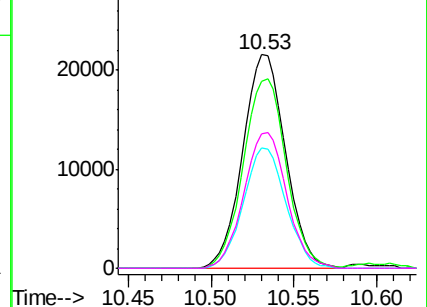


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.542 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

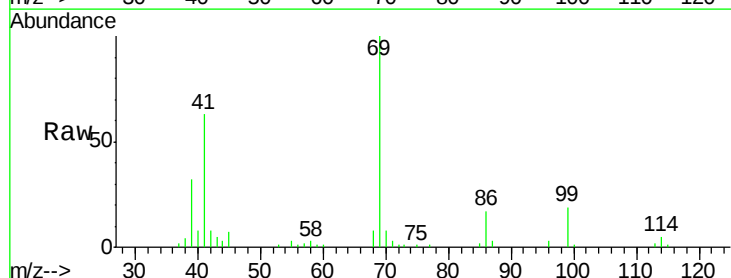
Tgt Ion: 69 Resp: 50472

Ion Ratio Lower Upper

69 100

41 63.4 48.2 72.2

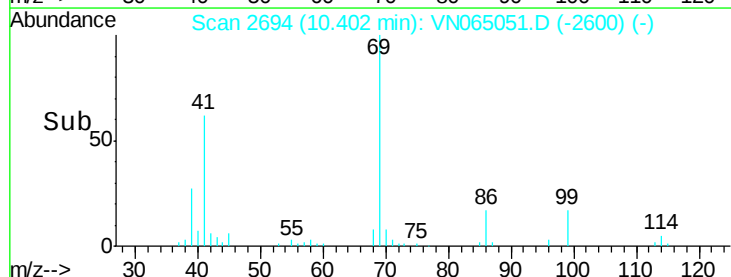
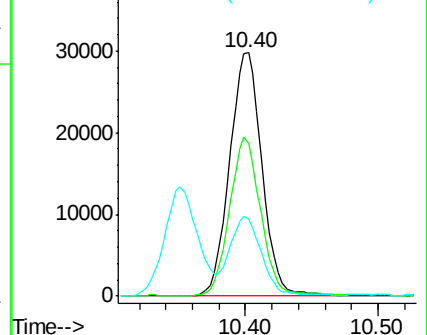
39 31.9 24.7 37.1

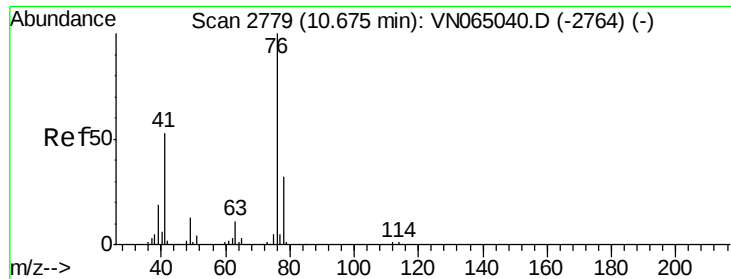


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

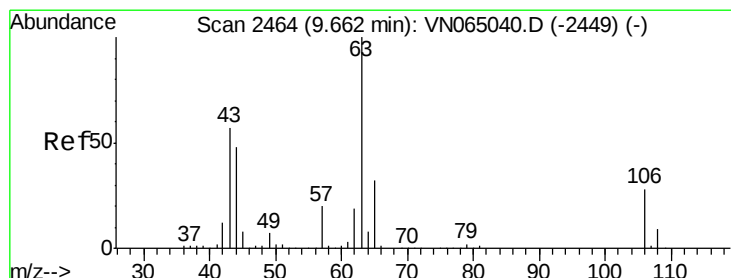
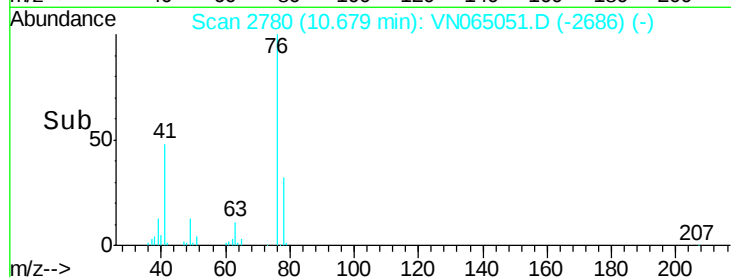
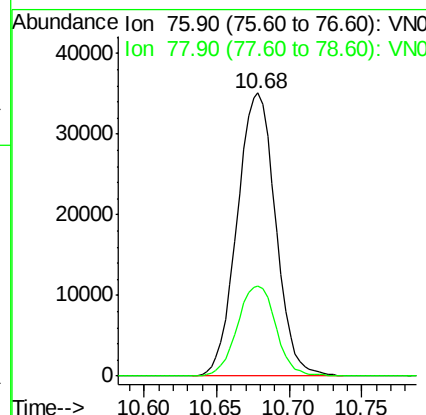
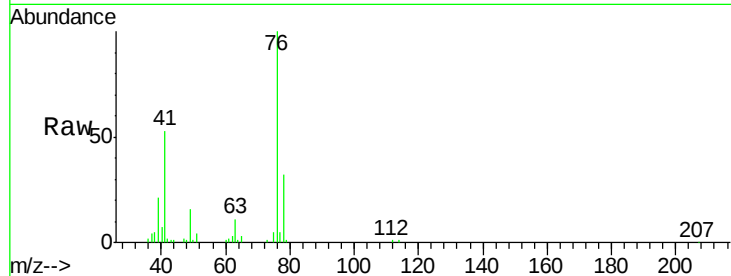




#57
 1,3-Dichloropropane
 Concen: 18.043 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

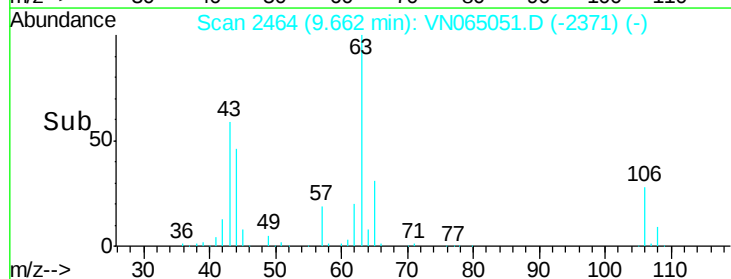
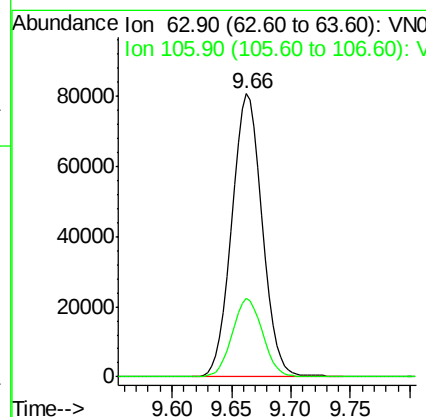
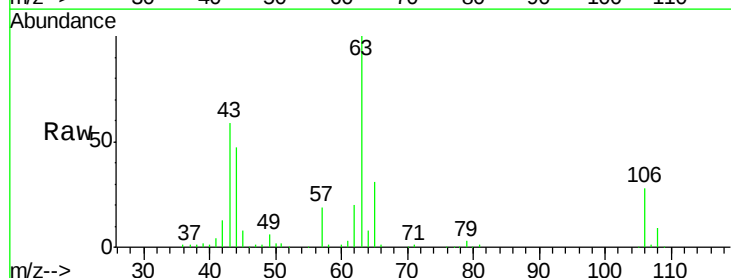
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

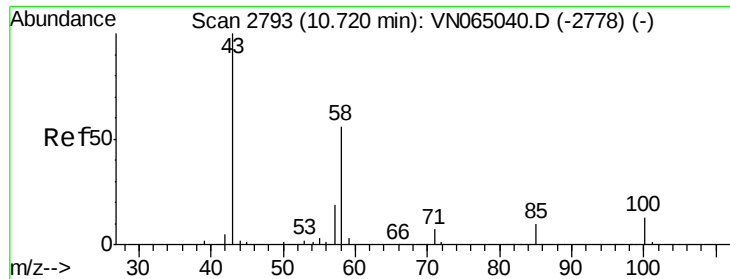
Tgt Ion: 76 Resp: 64677
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.470 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 63 Resp: 143313
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.6 33.8

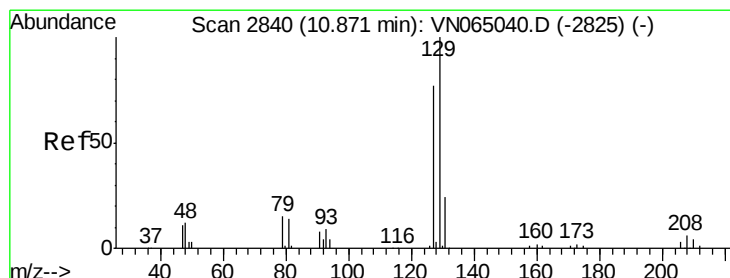
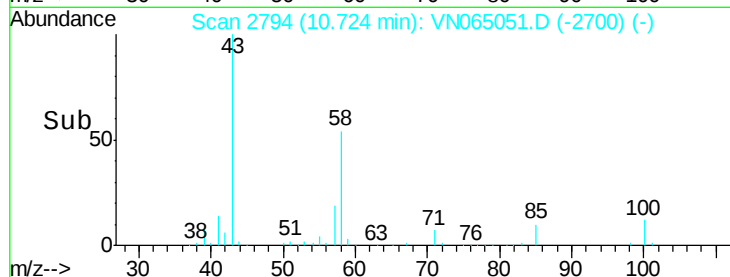
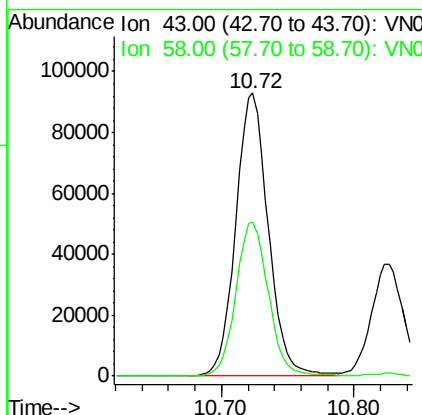
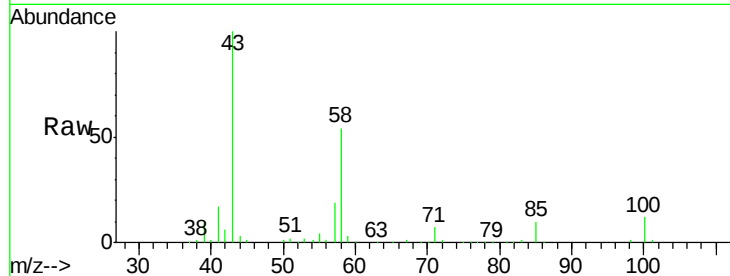




#59
2-Hexanone
Concen: 89.020 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

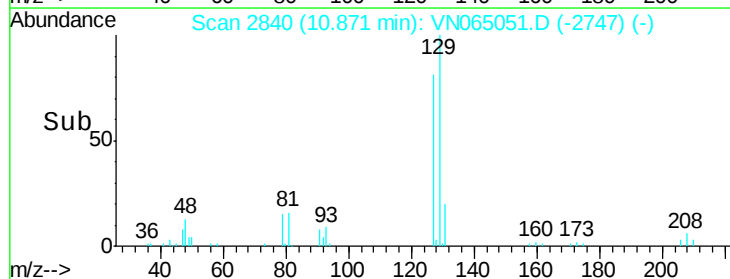
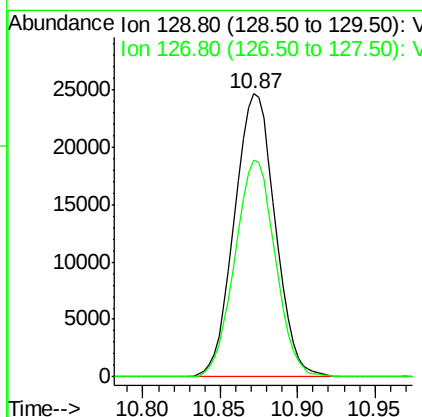
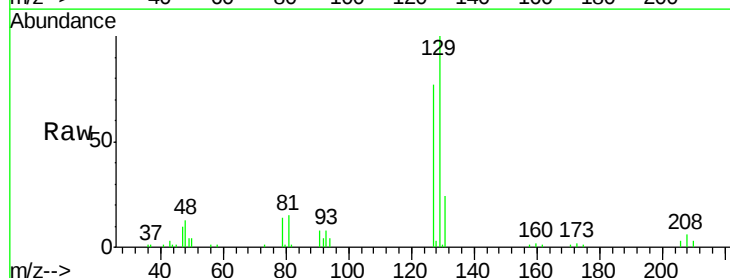
Instrument :
MSVOA_N
ClientSampled :
VN1210WBSD01

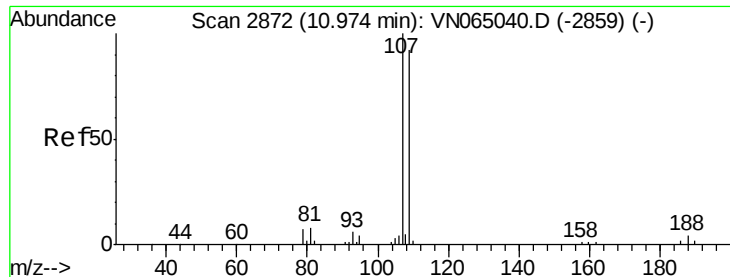
Tgt Ion: 43 Resp: 157117
Ion Ratio Lower Upper
43 100
58 54.8 28.3 84.9



#60
Dibromochloromethane
Concen: 18.229 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 129 Resp: 45190
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.1

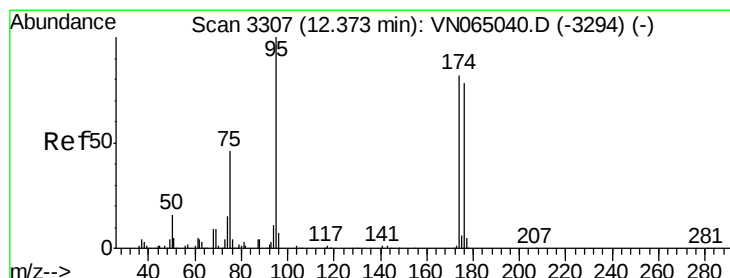
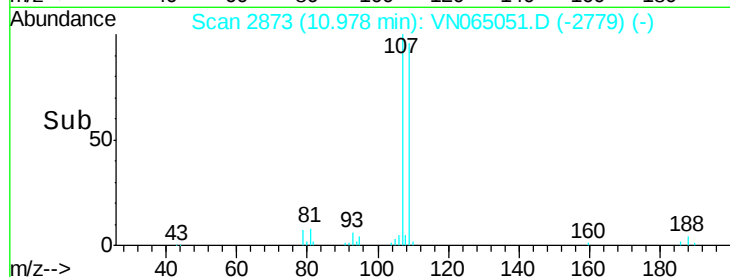
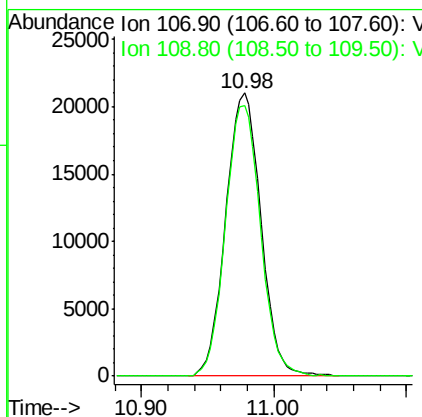
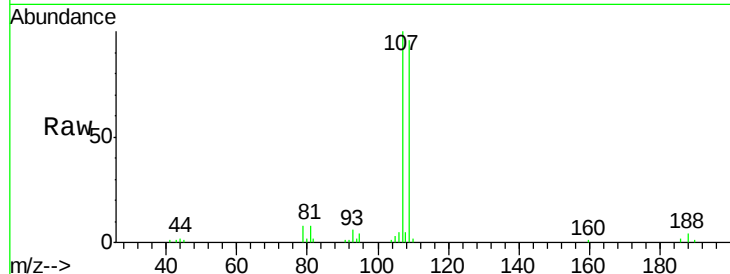




#61
 1,2-Dibromoethane
 Concen: 17.803 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

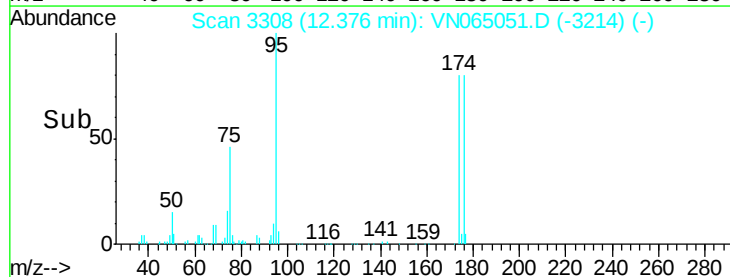
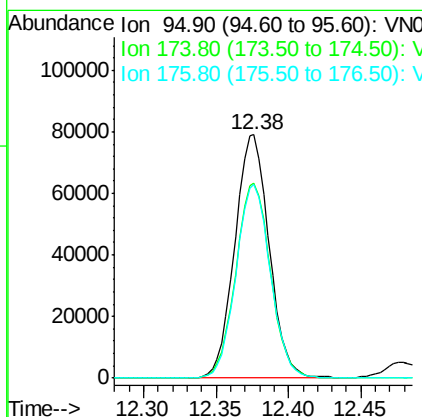
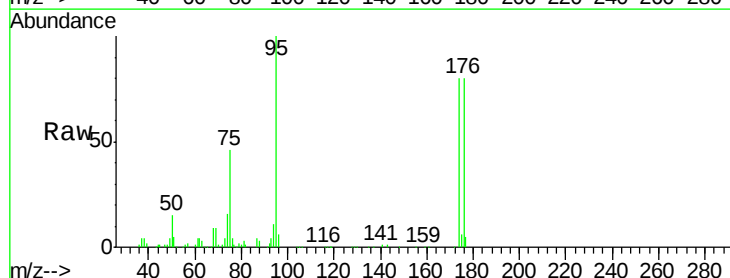
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

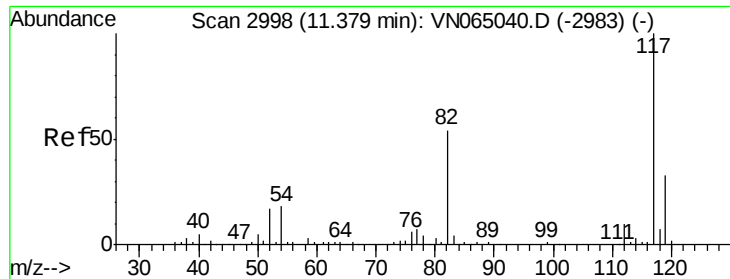
Tgt Ion: 107 Resp: 38828
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 47.225 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 95 Resp: 130592
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 164.8
 176 79.6 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: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

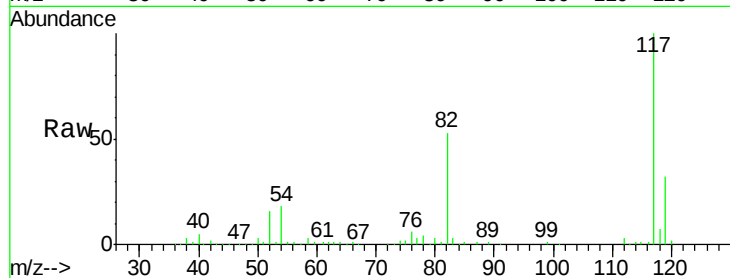
Tgt Ion:117 Resp: 284720

Ion Ratio Lower Upper

117 100

82 53.1 43.5 65.3

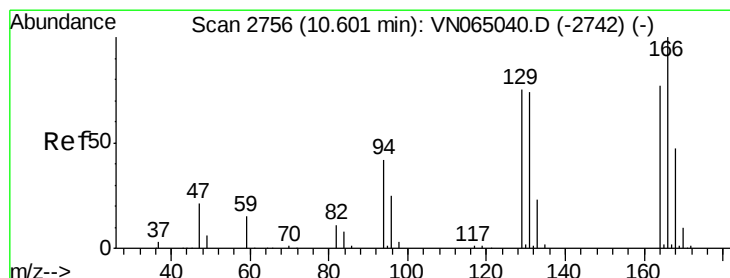
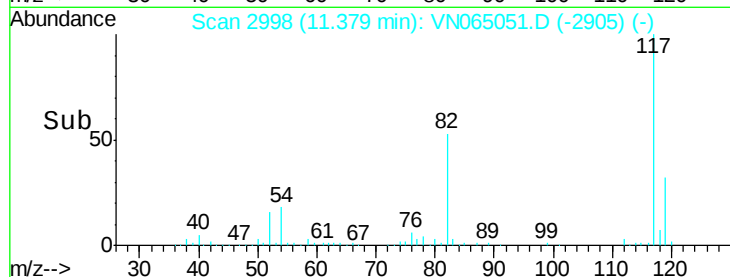
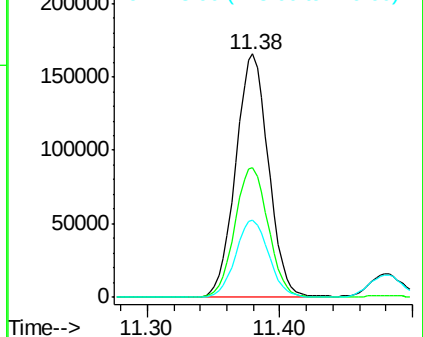
119 31.6 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 17.787 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion:164 Resp: 43030

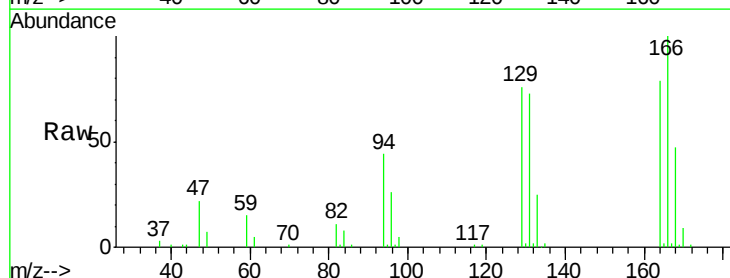
Ion Ratio Lower Upper

164 100

166 126.3 103.3 154.9

129 95.9 77.0 115.4

131 92.0 76.1 114.1

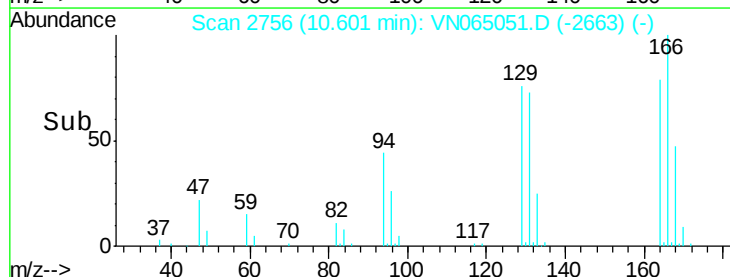
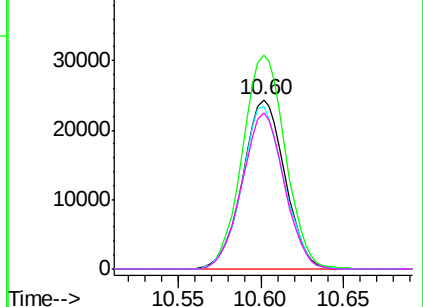


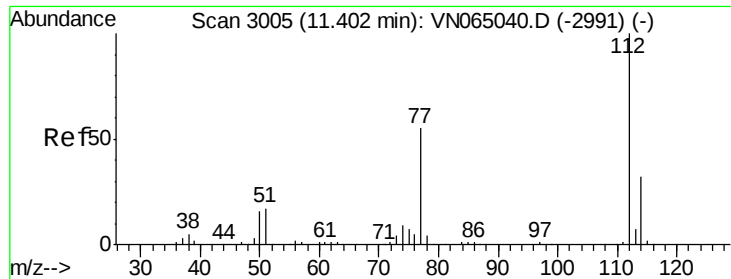
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

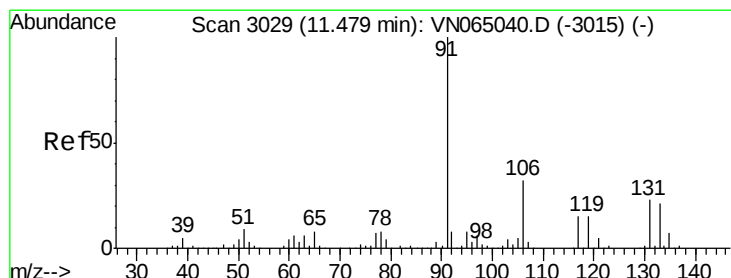
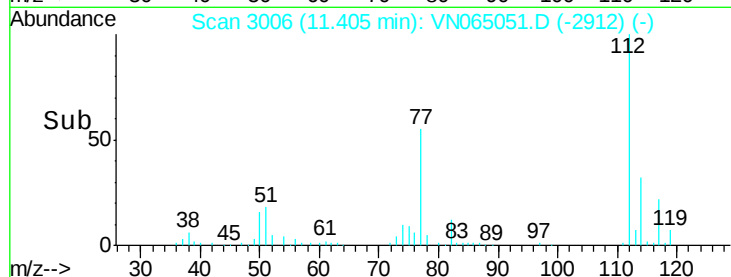
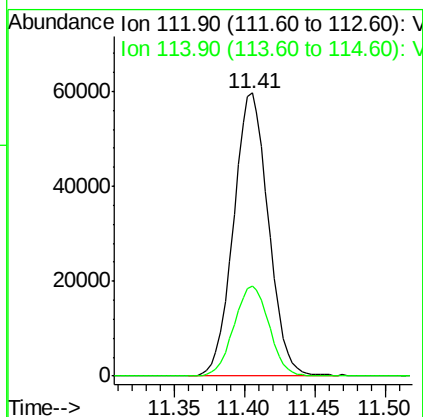
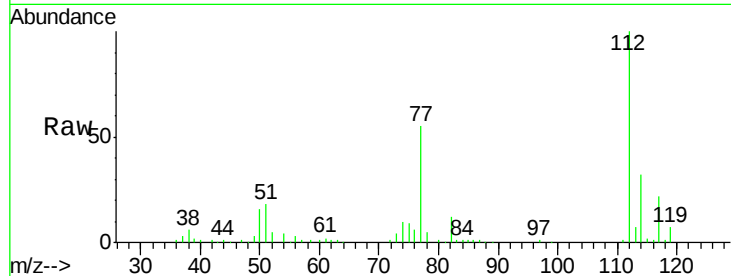




#65
Chlorobenzene
Concen: 17.753 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

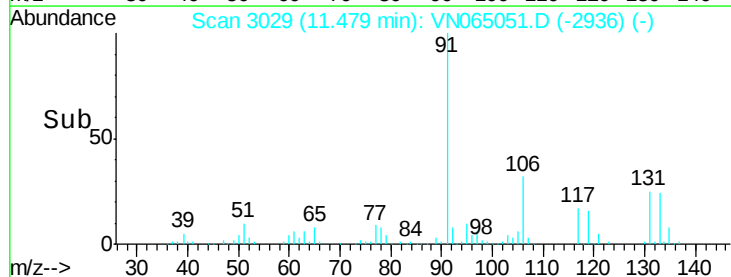
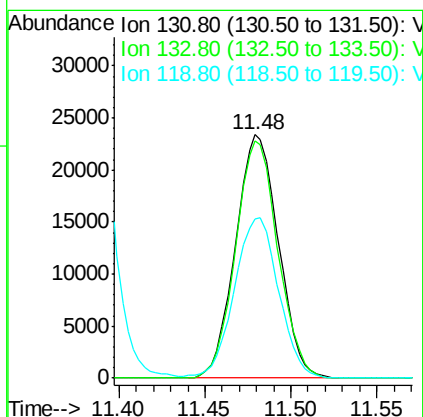
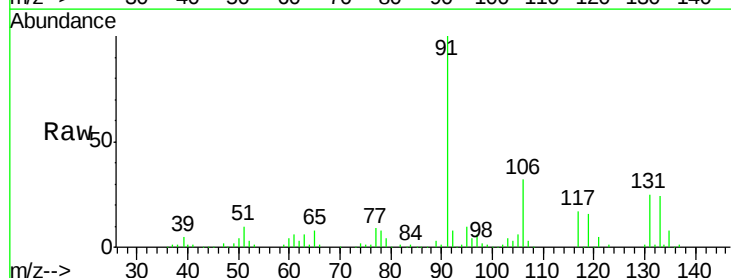
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

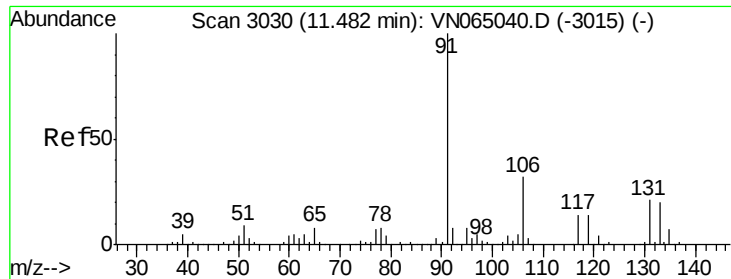
Tgt Ion:112 Resp: 103528
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.103 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion:131 Resp: 40579
Ion Ratio Lower Upper
131 100
133 96.3 48.7 146.1
119 68.1 33.2 99.6

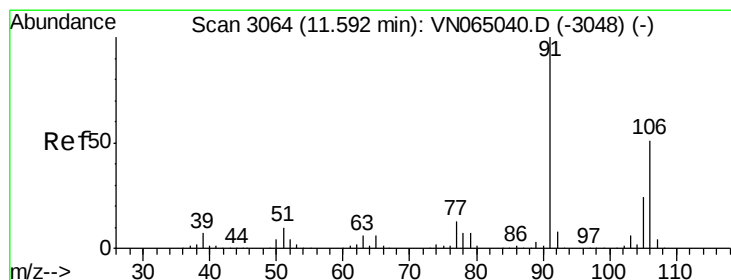
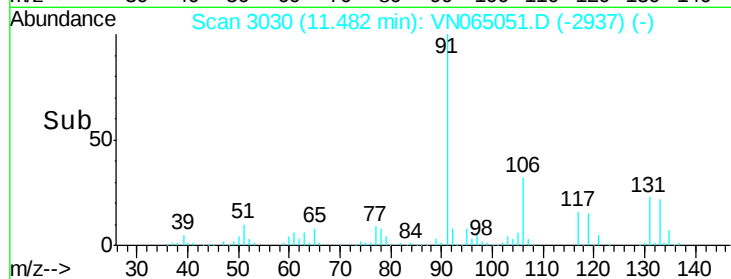
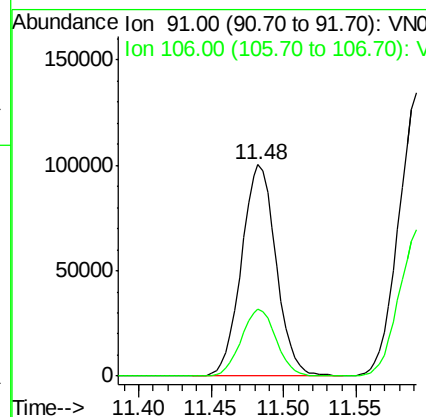
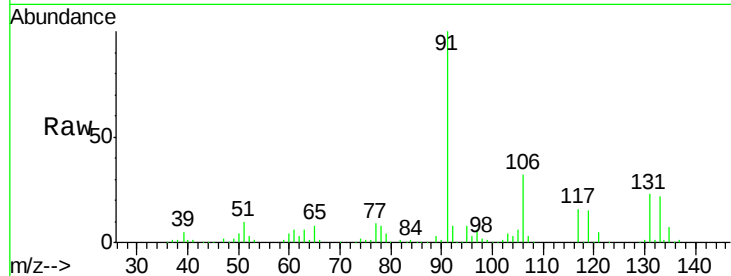




#67
Ethyl Benzene
Concen: 17.131 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

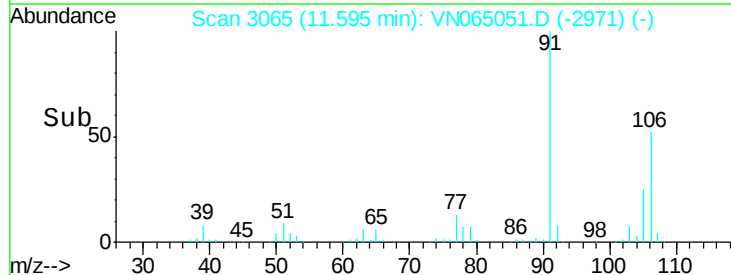
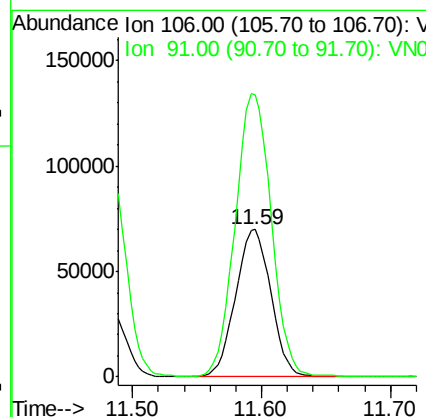
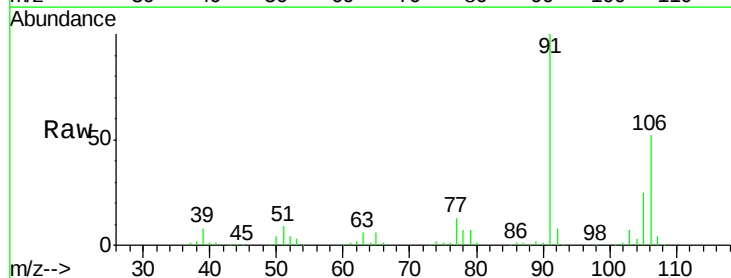
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

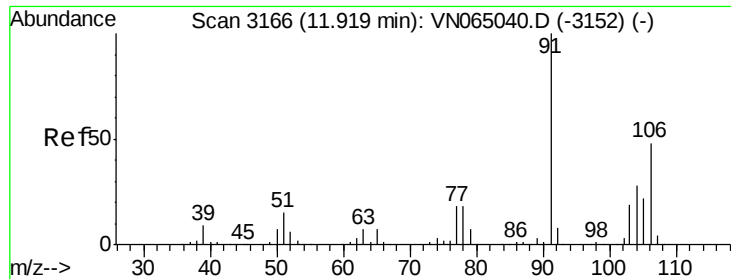
Tgt Ion: 91 Resp: 166685
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 35.299 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 106 Resp: 133105
Ion Ratio Lower Upper
106 100
91 196.7 157.0 235.6

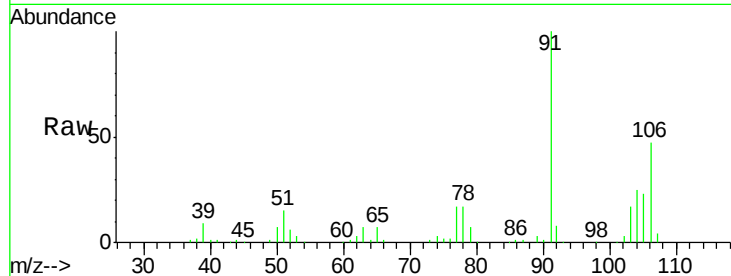




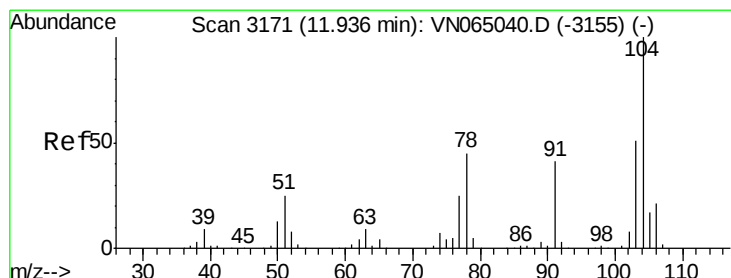
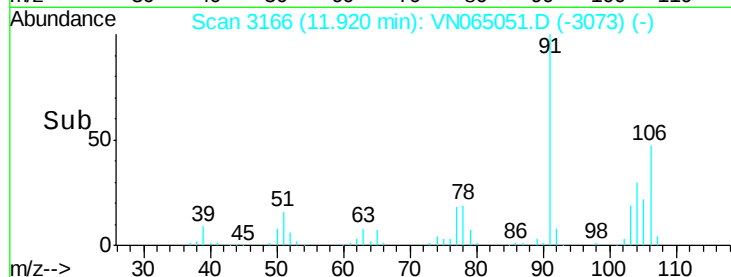
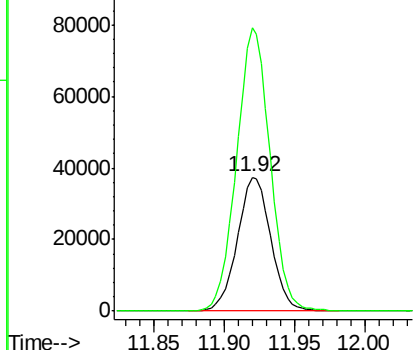
#69
o-Xylene
Concen: 17.271 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion:106 Resp: 62155
Ion Ratio Lower Upper
106 100
91 212.0 104.1 312.3

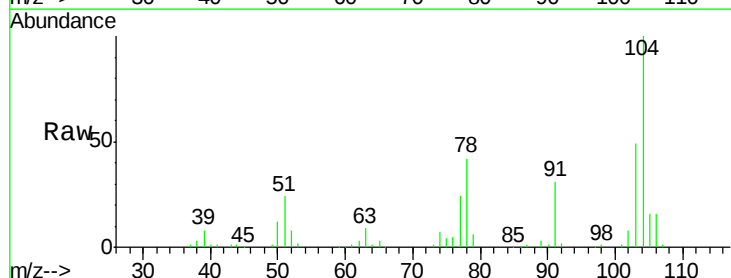


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

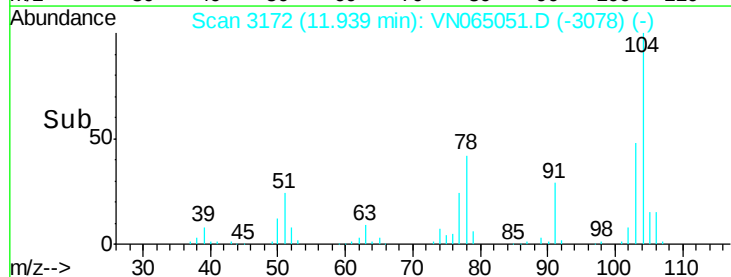
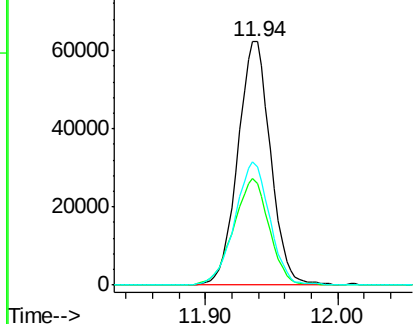


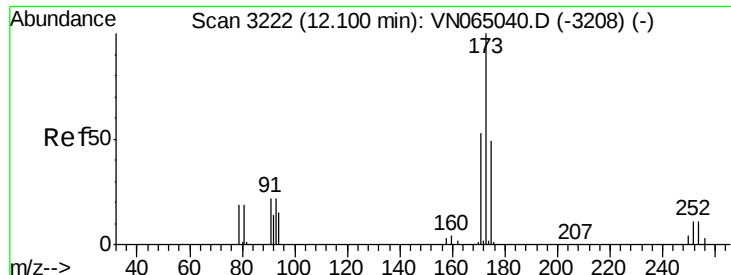
#70
Styrene
Concen: 17.574 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion:104 Resp: 106965
Ion Ratio Lower Upper
104 100
78 47.8 38.7 58.1
103 54.0 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: 17.562 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

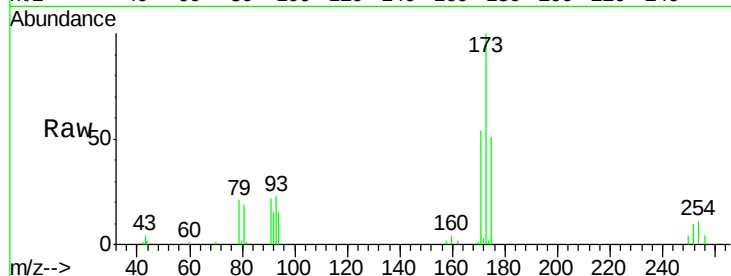
Tgt Ion:173 Resp: 29902

Ion Ratio Lower Upper

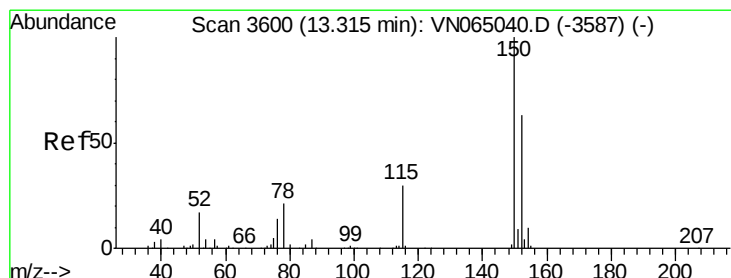
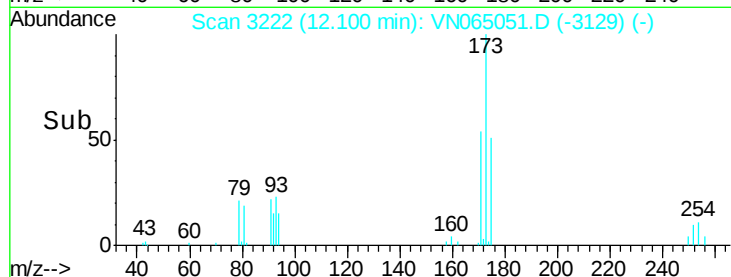
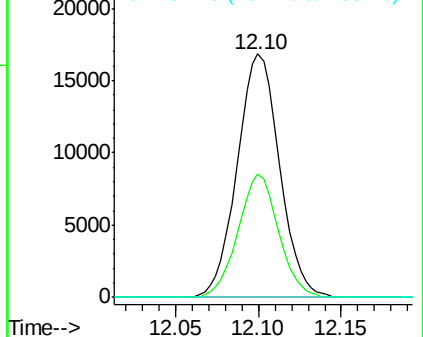
173 100

175 48.2 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: VN065051.D

Acq: 10 Dec 2020 18:55

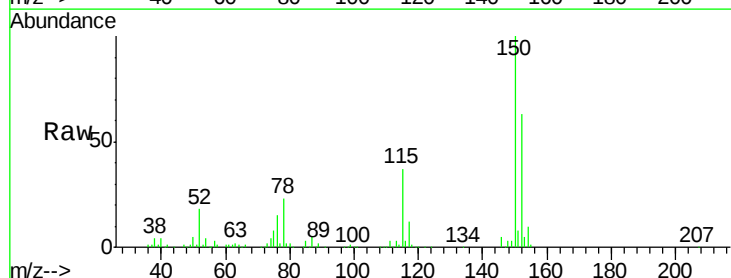
Tgt Ion:152 Resp: 134183

Ion Ratio Lower Upper

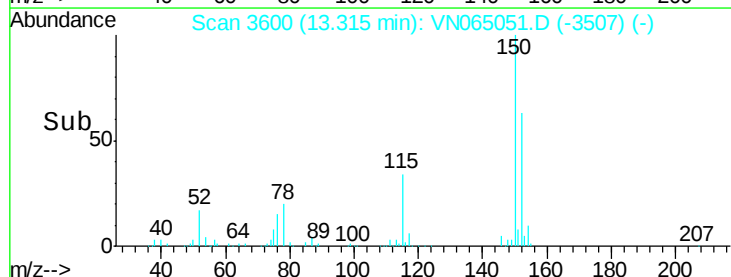
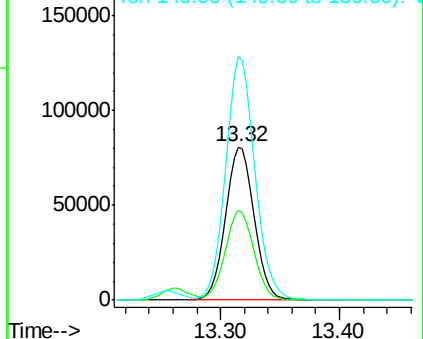
152 100

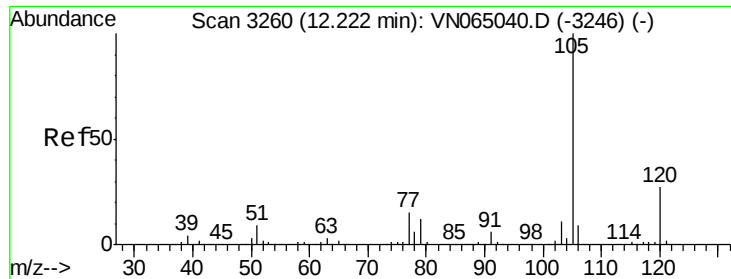
115 58.9 29.3 88.0

150 163.0 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: 18.530 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

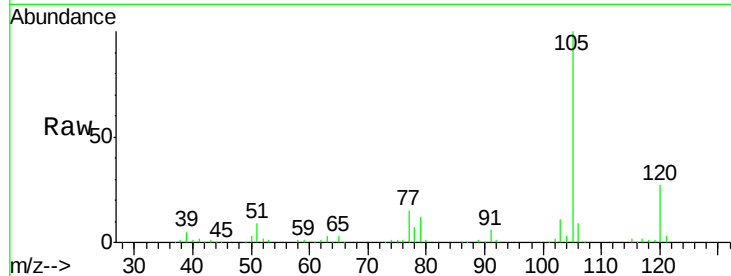
VN1210WBSD01

Tgt Ion:105 Resp: 165337

Ion Ratio Lower Upper

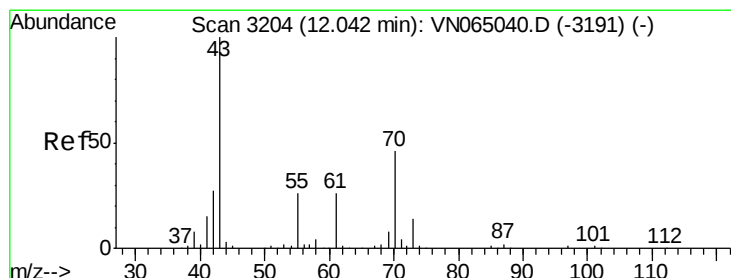
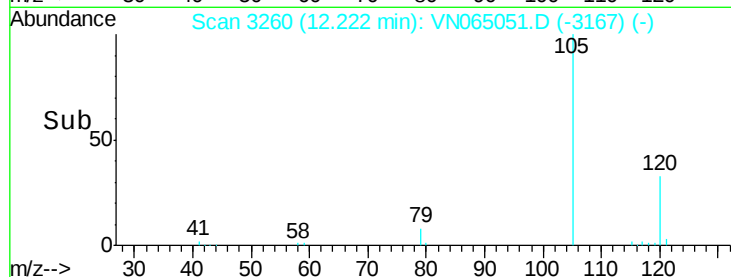
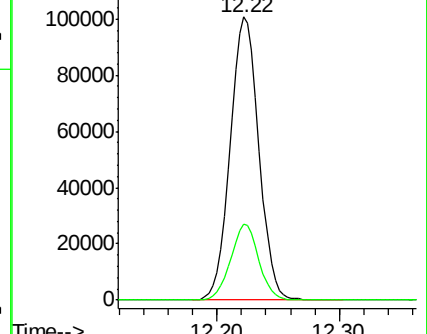
105 100

120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.654 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Tgt Ion: 43 Resp: 59953

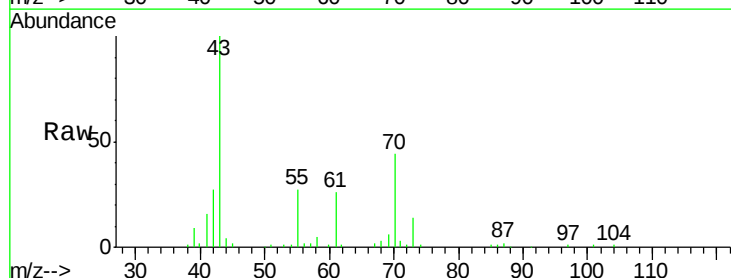
Ion Ratio Lower Upper

43 100

70 42.5 36.2 54.2

55 26.6 21.4 32.0

61 24.0 19.8 29.8

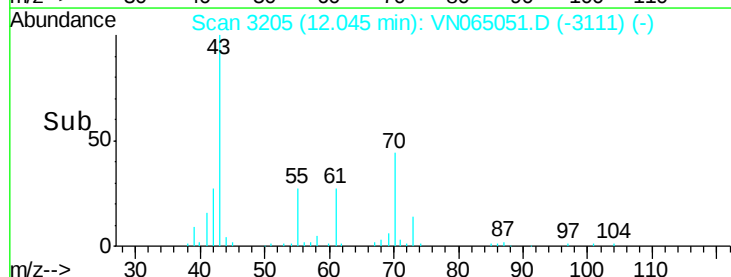
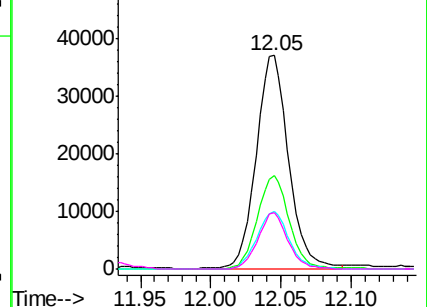


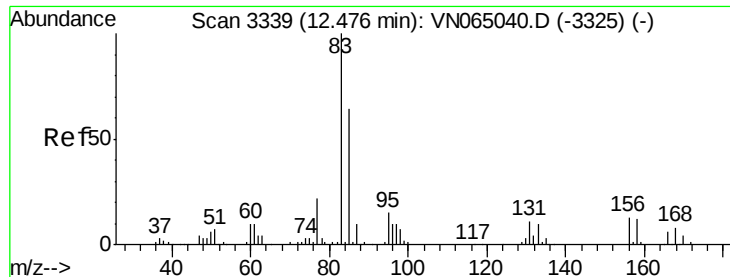
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.007 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

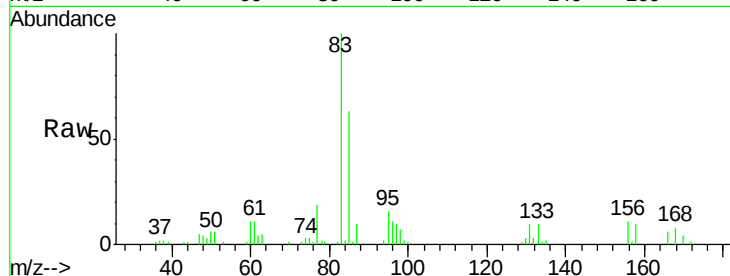
Tgt Ion: 83 Resp: 51510

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

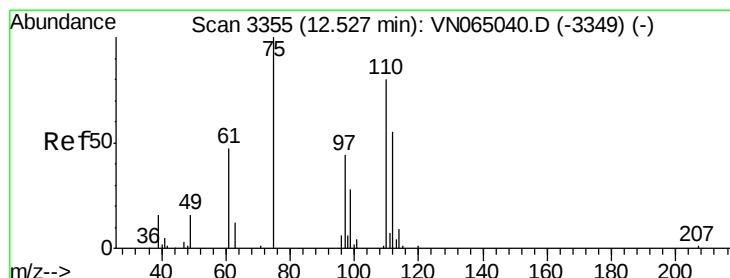
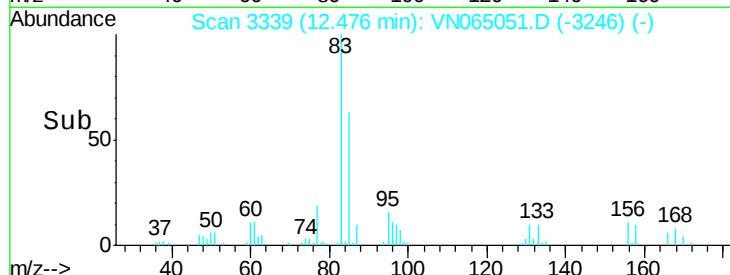
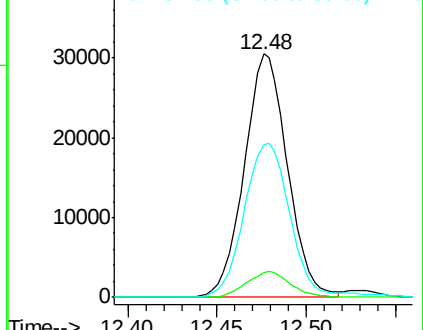
85 67.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN065051.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN065051.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN065051.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 26.567 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065051.D

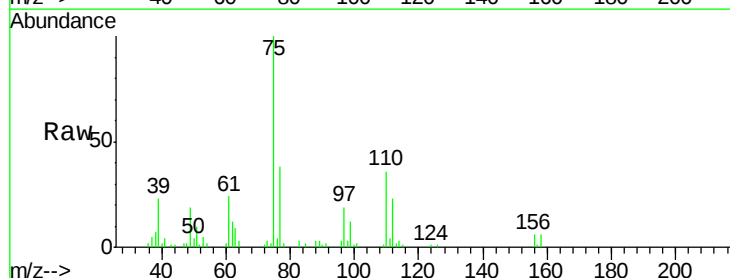
Acq: 10 Dec 2020 18:55

Tgt Ion: 75 Resp: 69440

Ion Ratio Lower Upper

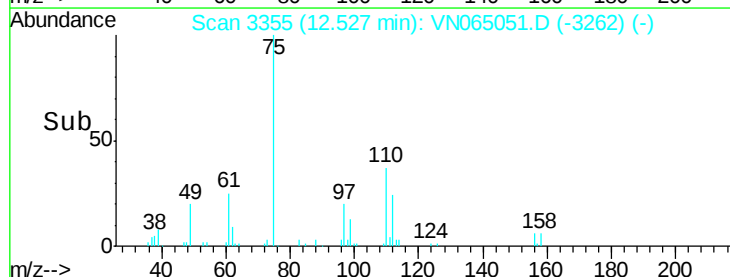
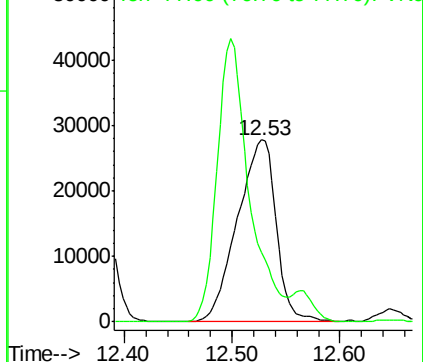
75 100

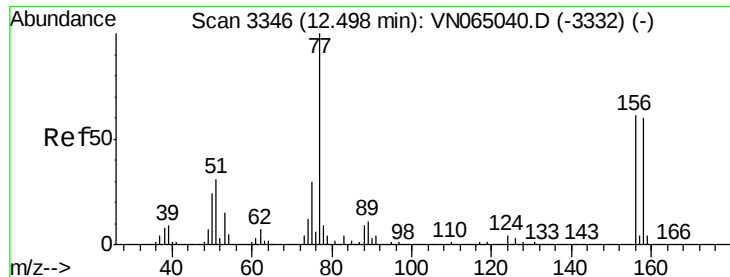
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN065051.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN065051.D (-3262) (-)





#77

Bromobenzene

Concen: 18.849 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

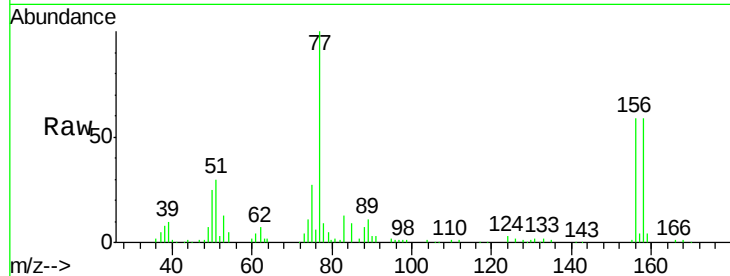
Tgt Ion:156 Resp: 44724

Ion Ratio Lower Upper

156 100

77 200.6 99.3 297.8

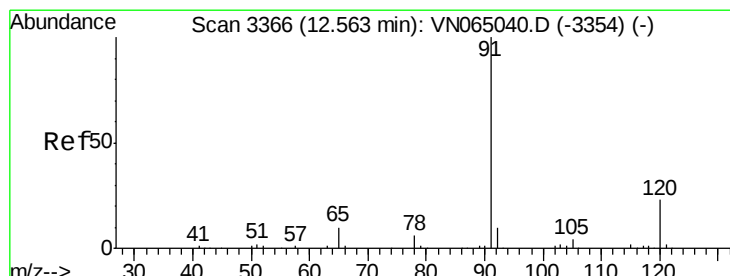
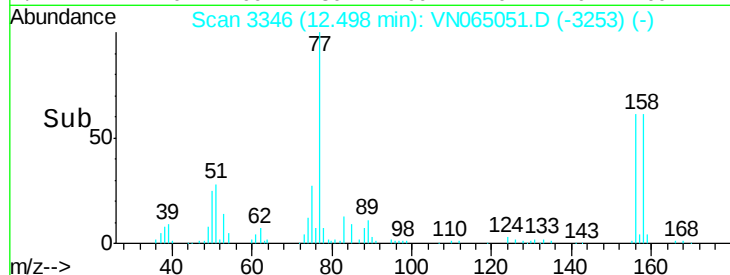
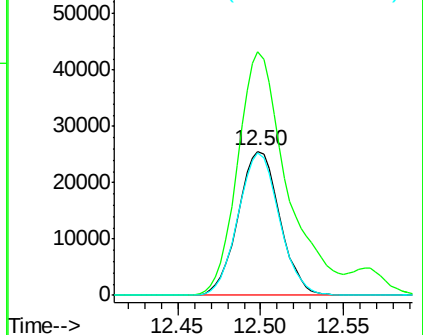
158 98.0 49.0 147.0



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: 18.121 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN065051.D

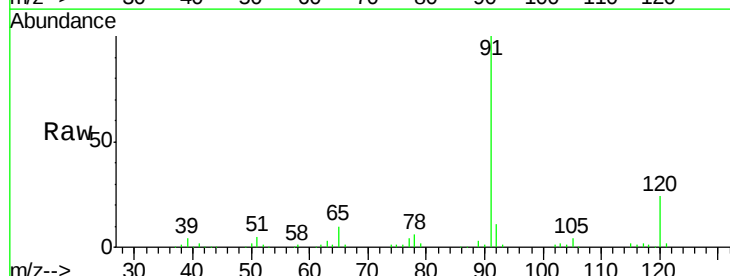
Acq: 10 Dec 2020 18:55

Tgt Ion: 91 Resp: 182380

Ion Ratio Lower Upper

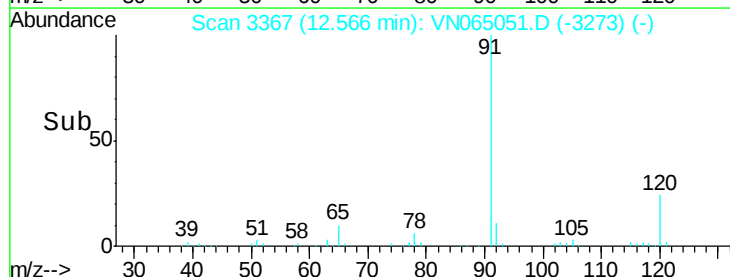
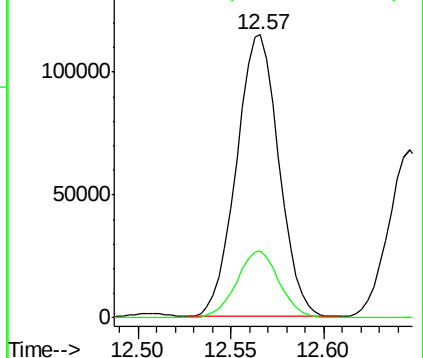
91 100

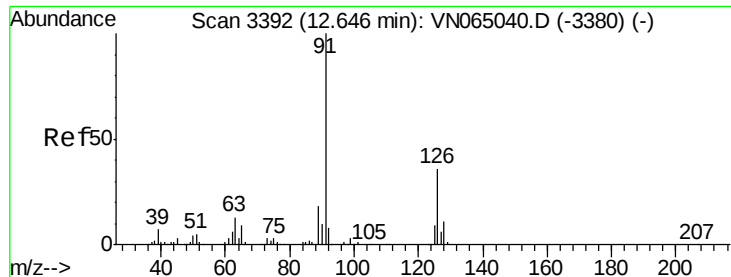
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.413 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

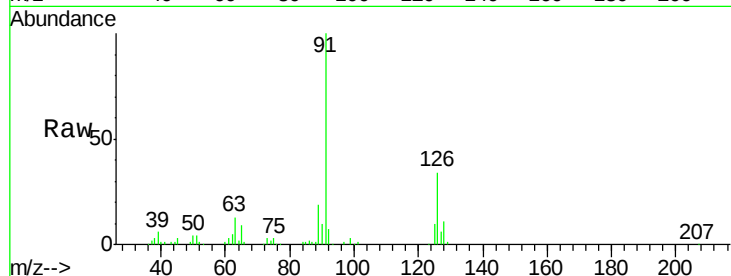
VN1210WBSD01

Tgt Ion: 91 Resp: 113350

Ion Ratio Lower Upper

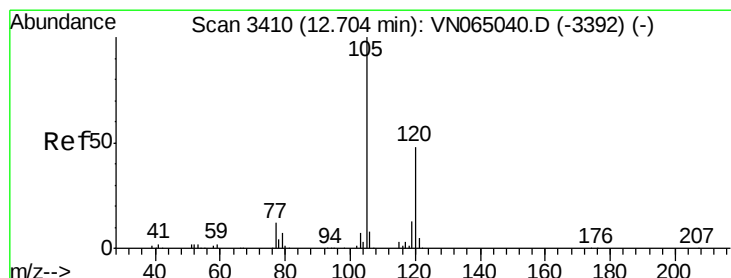
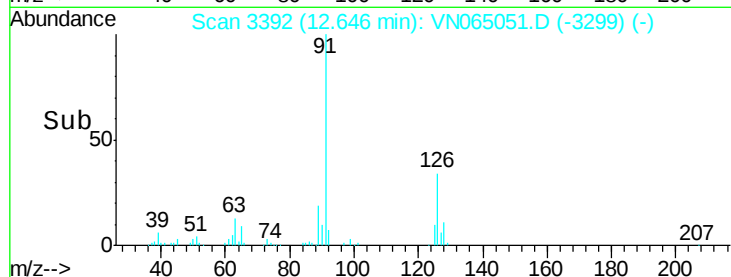
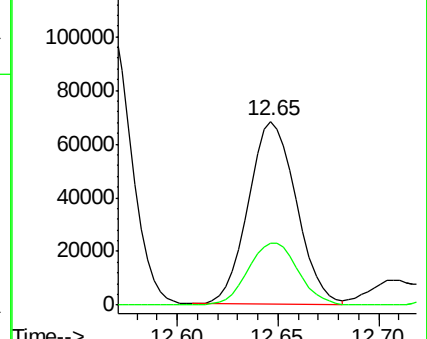
91 100

126 35.6 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN065040.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.578 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN065051.D

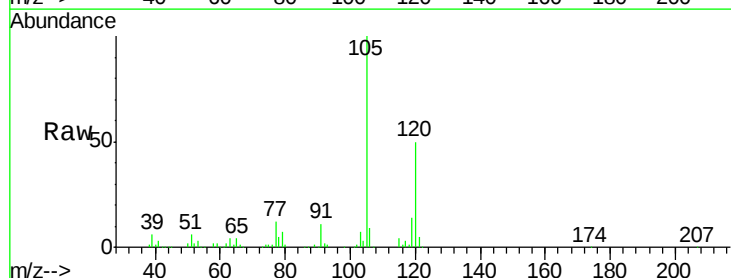
Acq: 10 Dec 2020 18:55

Tgt Ion: 105 Resp: 139495

Ion Ratio Lower Upper

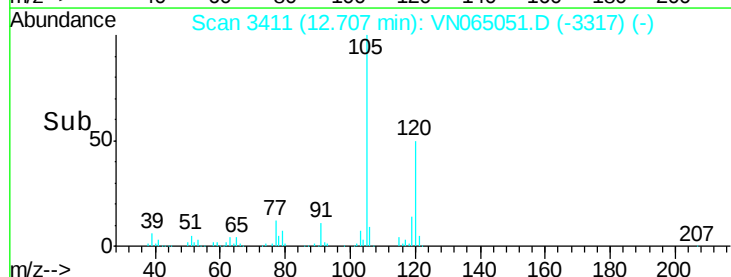
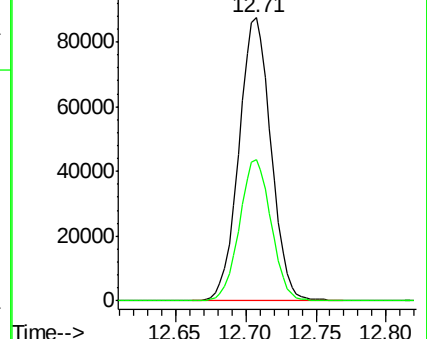
105 100

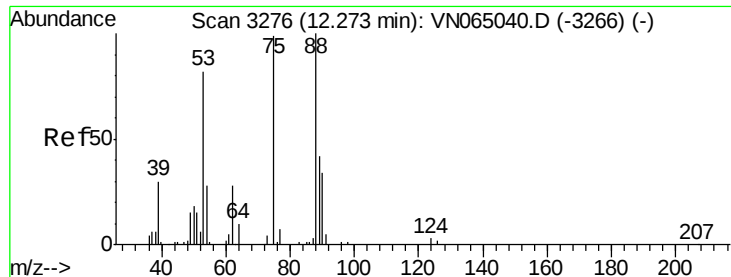
120 49.4 24.5 73.5



Abundance Ion 105.00 (104.70 to 105.70): VN065040.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN065040.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.042 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

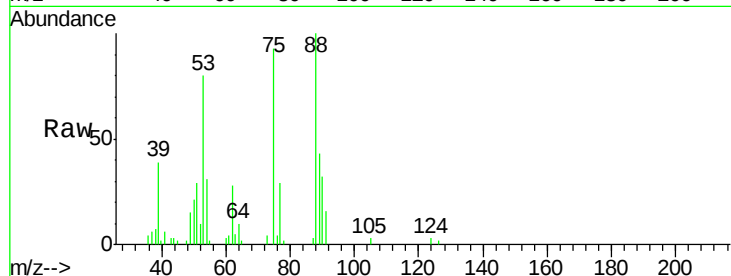
Tgt Ion: 75 Resp: 16568

Ion Ratio Lower Upper

75 100

53 86.8 68.6 103.0

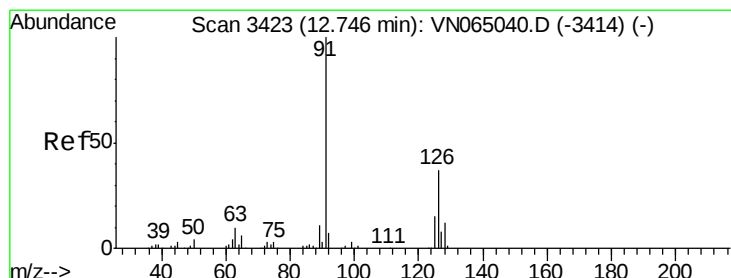
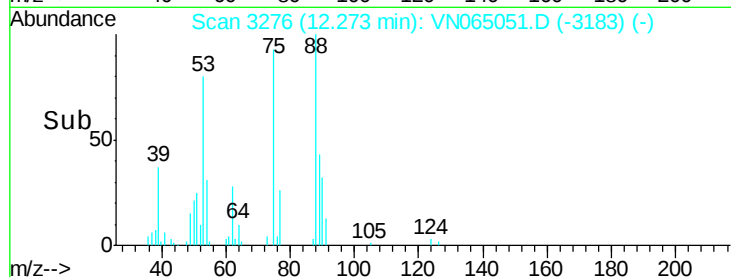
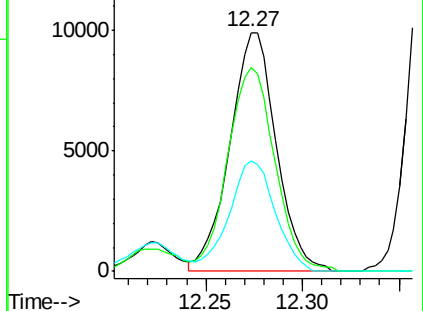
89 45.6 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN065040.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN065040.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 17.733 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN065051.D

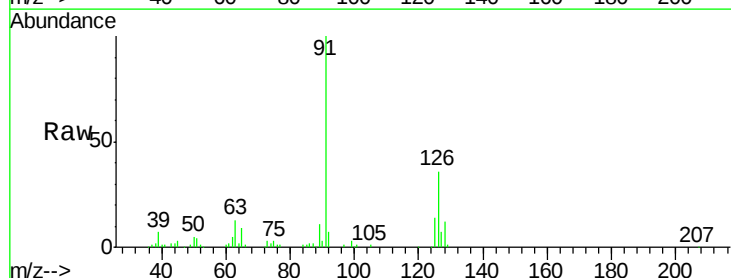
Acq: 10 Dec 2020 18:55

Tgt Ion: 91 Resp: 115053

Ion Ratio Lower Upper

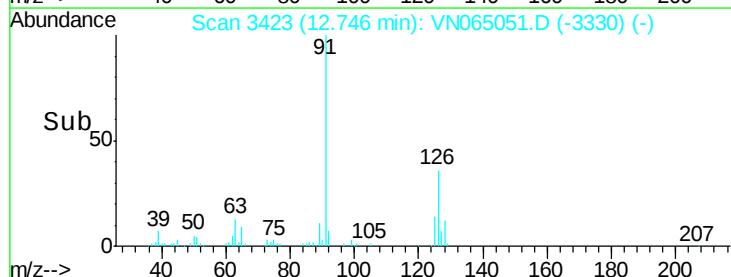
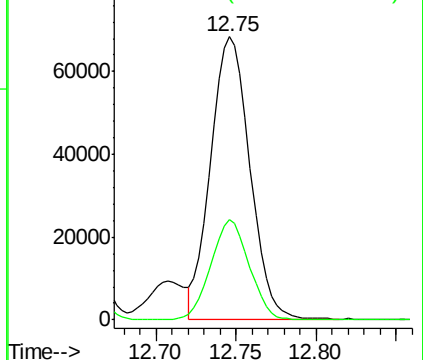
91 100

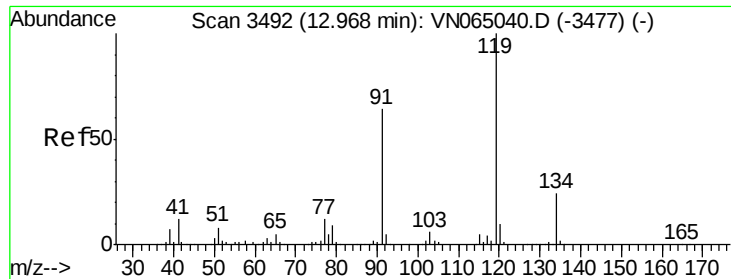
126 34.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN065040.D (-3414) (-)

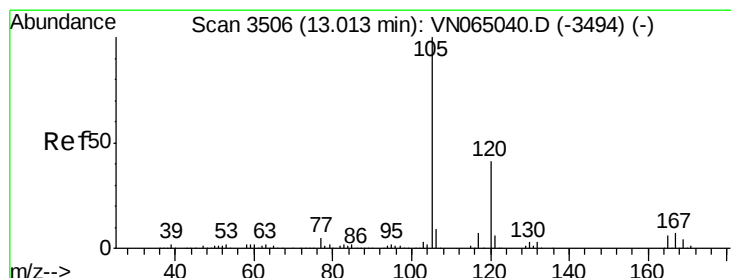
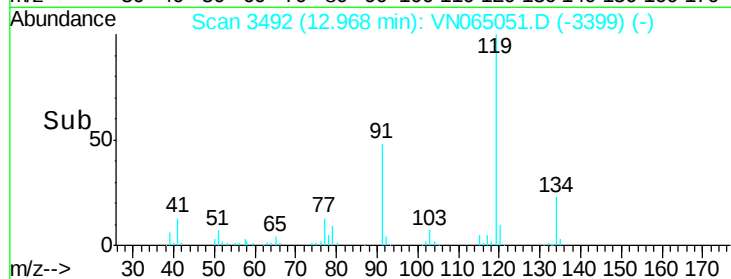
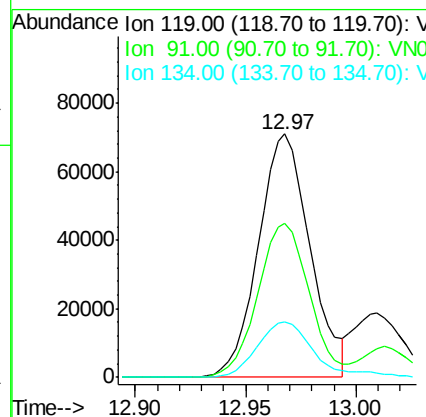
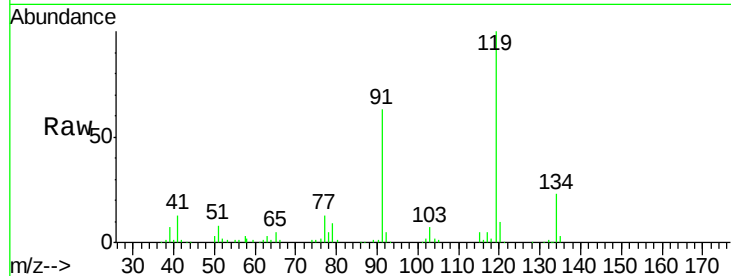




#83
 tert-Butylbenzene
 Concen: 18.605 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

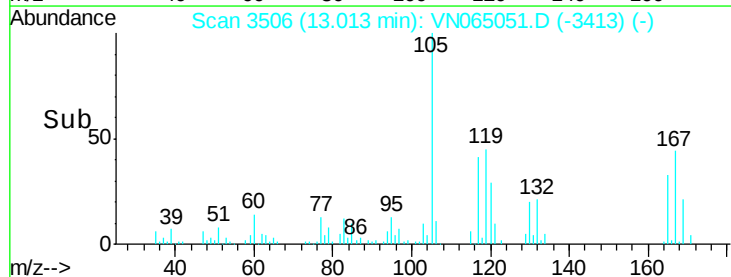
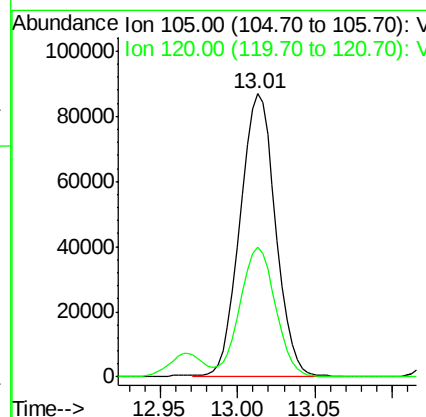
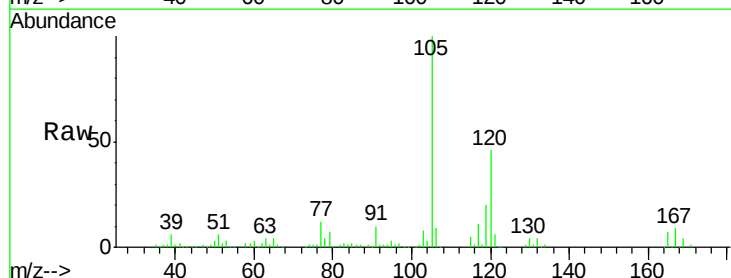
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

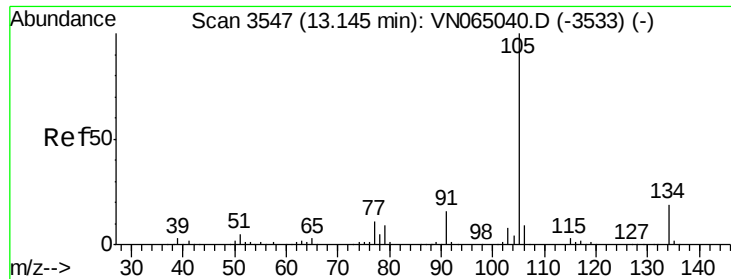
Tgt Ion:119 Resp: 115299
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.1 93.5
 134 25.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.146 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion:105 Resp: 137559
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2

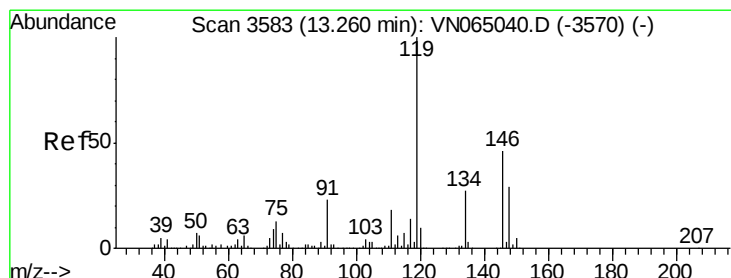
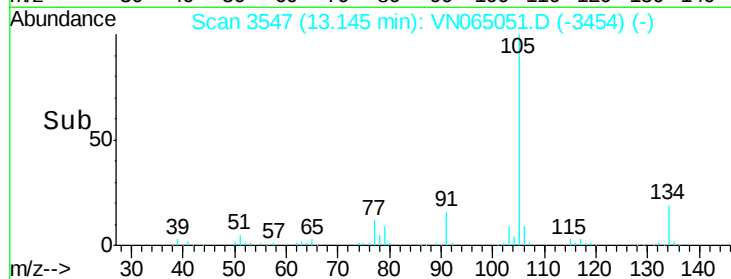
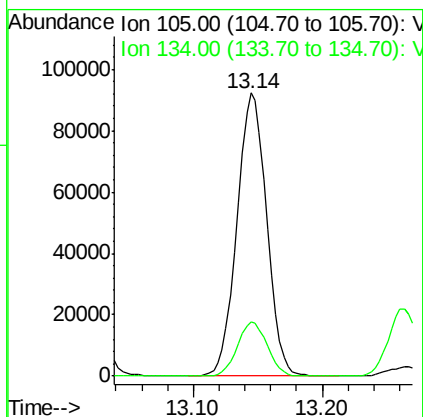
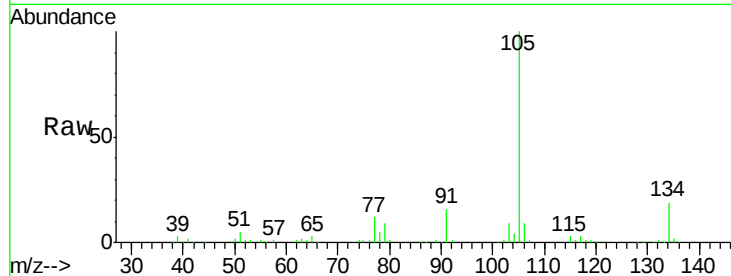




#85
 sec-Butylbenzene
 Concen: 18.313 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

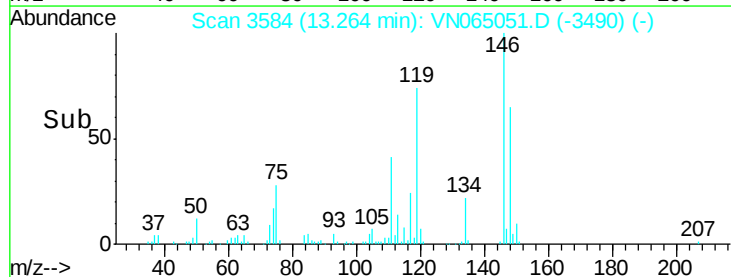
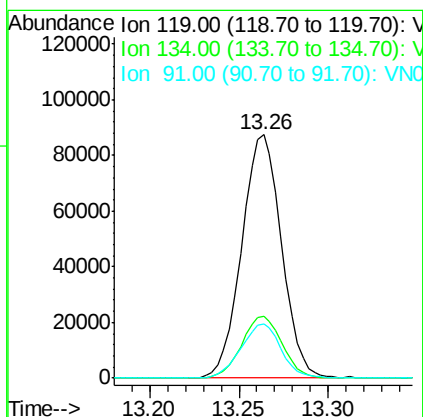
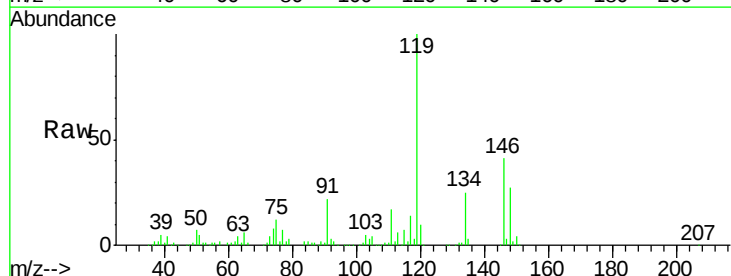
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

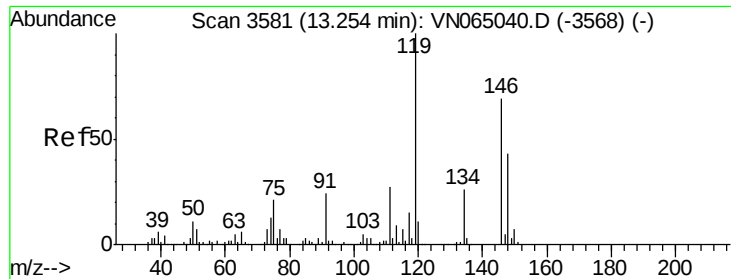
Tgt Ion:105 Resp: 147894
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 18.253 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion:119 Resp: 135833
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 22.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 18.244 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

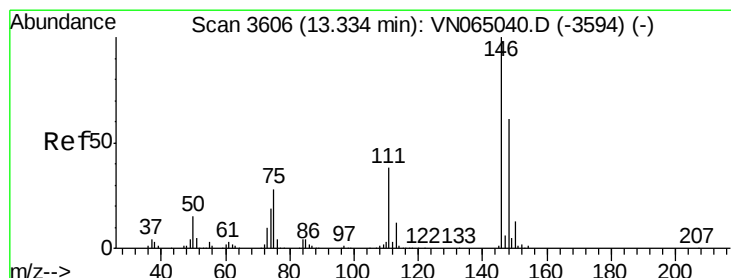
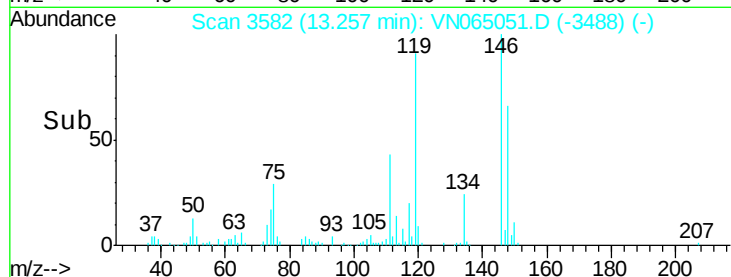
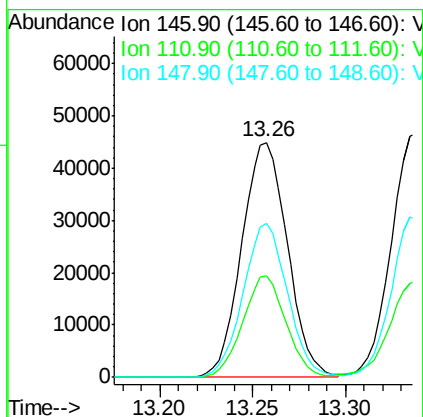
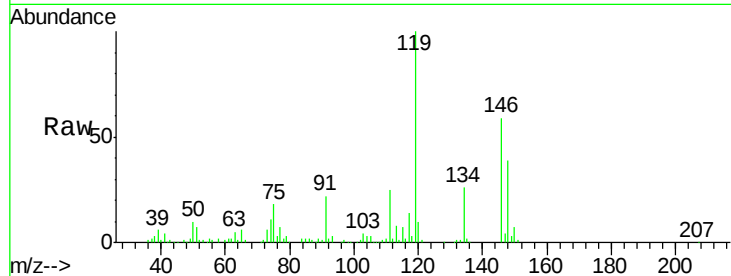
Tgt Ion:146 Resp: 76929

Ion Ratio Lower Upper

146 100

111 40.8 20.0 59.9

148 63.7 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 18.137 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN065051.D

Acq: 10 Dec 2020 18:55

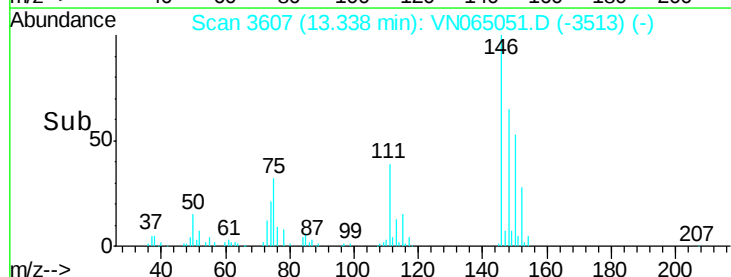
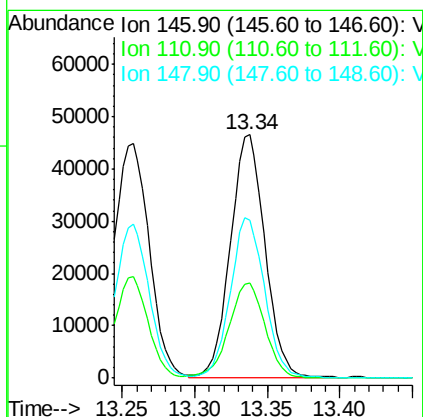
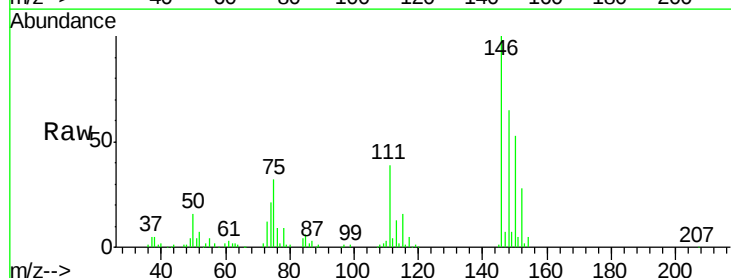
Tgt Ion:146 Resp: 77546

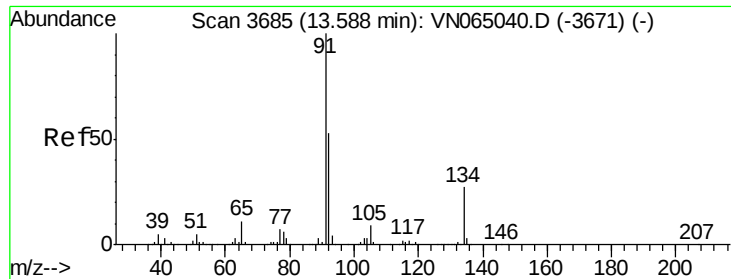
Ion Ratio Lower Upper

146 100

111 40.9 19.2 57.6

148 65.1 31.1 93.3

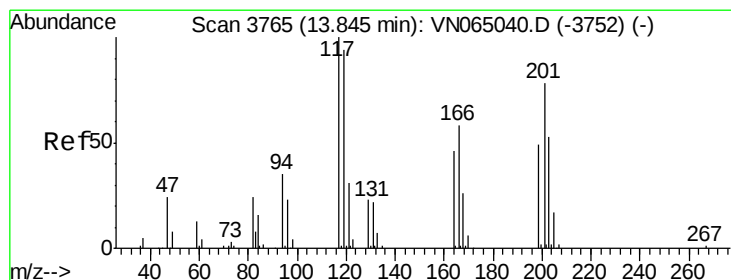
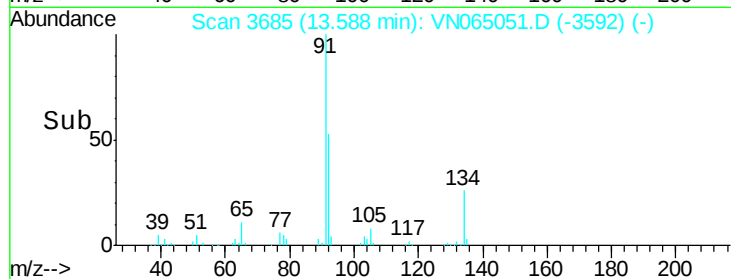
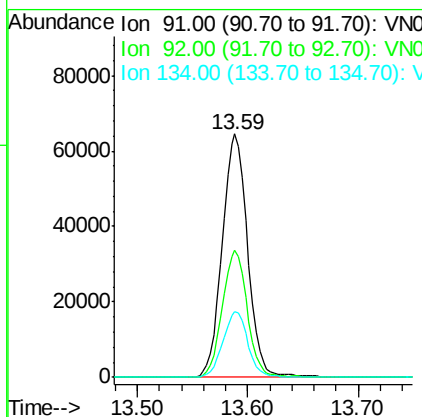
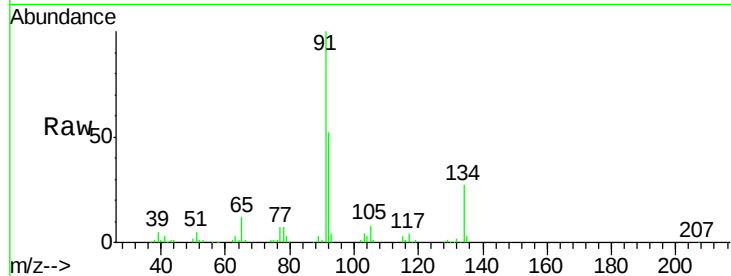




#89
n-Butylbenzene
Concen: 16.889 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

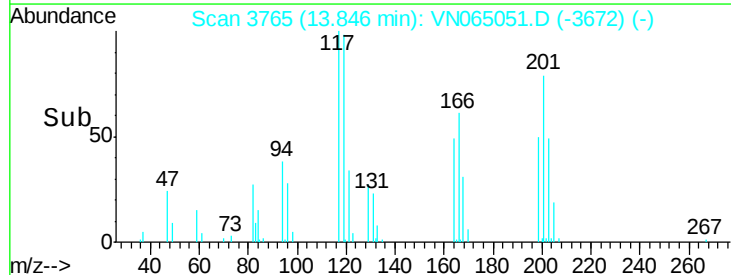
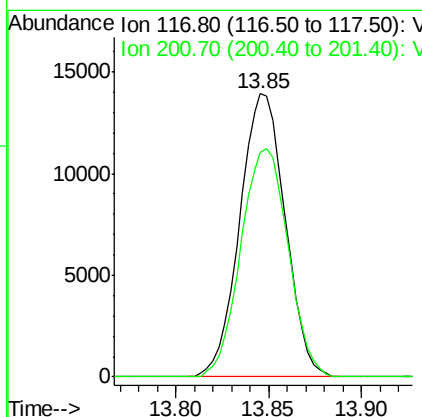
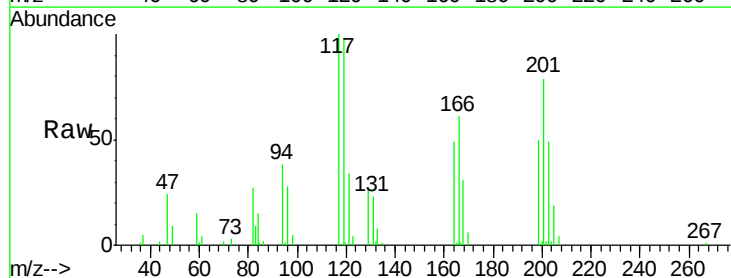
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

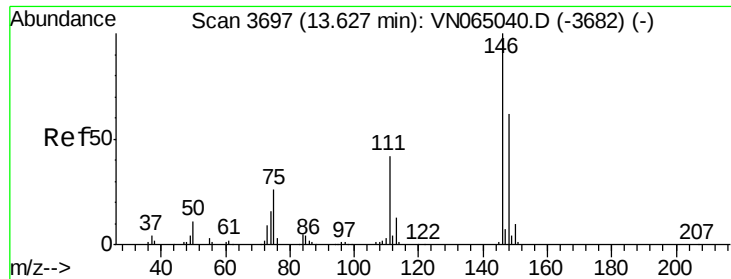
Tgt Ion: 91 Resp: 103283
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.8
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 17.591 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion: 117 Resp: 23729
Ion Ratio Lower Upper
117 100
201 83.6 39.5 118.3

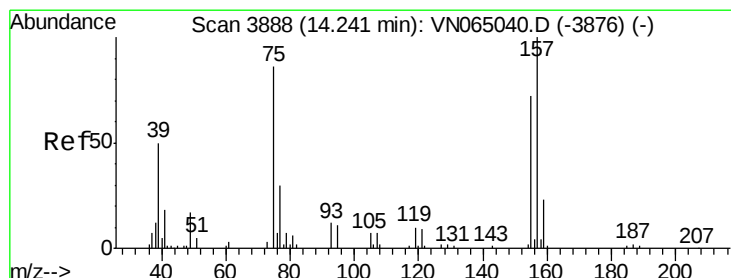
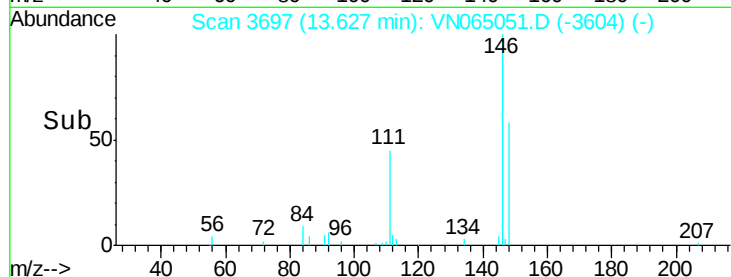
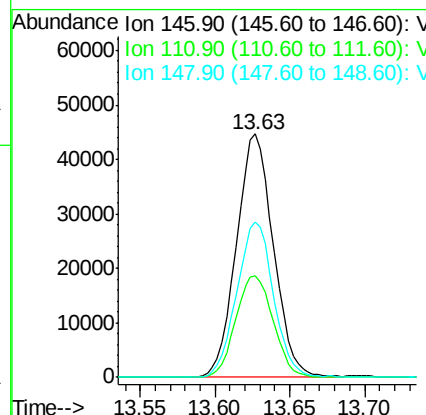
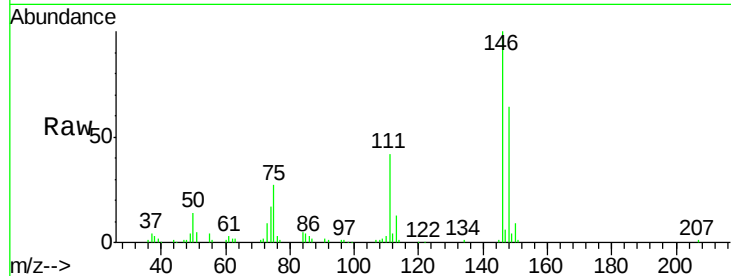




#91
 1,2-Dichlorobenzene
 Concen: 18.285 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

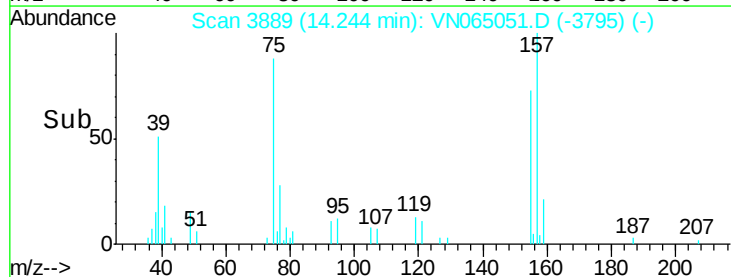
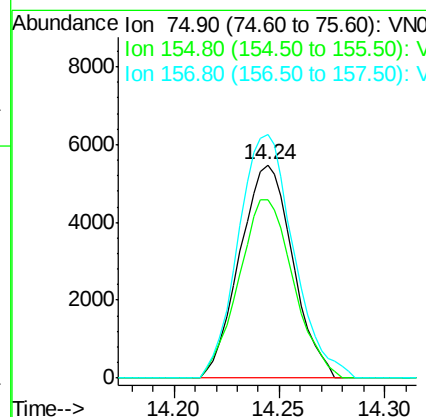
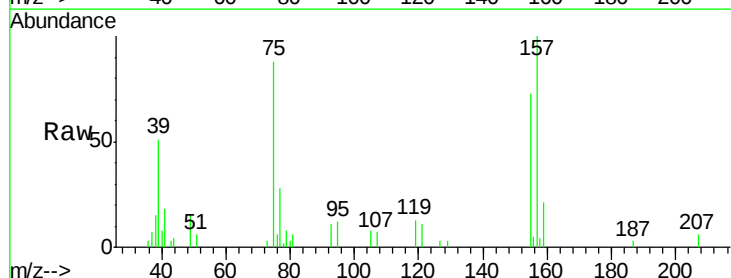
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

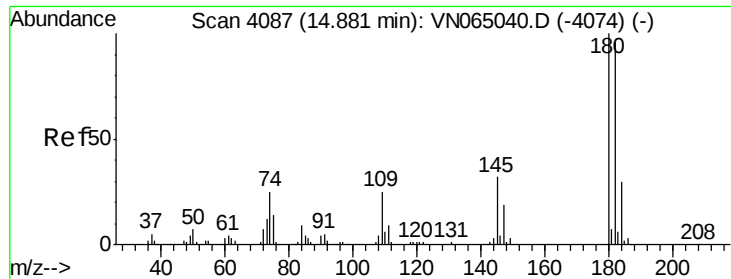
Tgt Ion: 146 Resp: 76742
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.1
 148 63.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.046 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion: 75 Resp: 9589
 Ion Ratio Lower Upper
 75 100
 155 86.4 43.8 131.4
 157 118.8 58.1 174.3

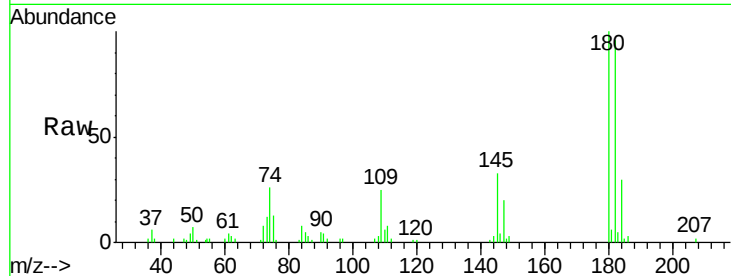




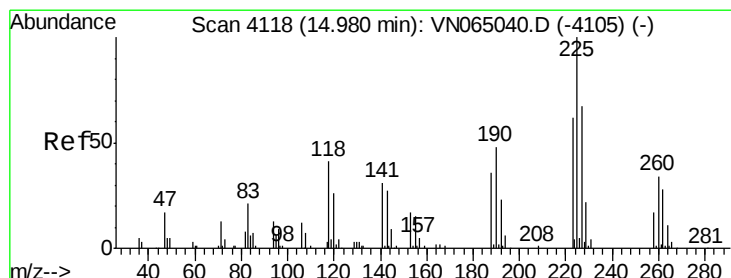
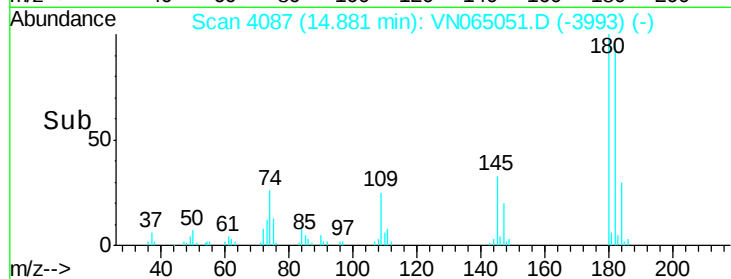
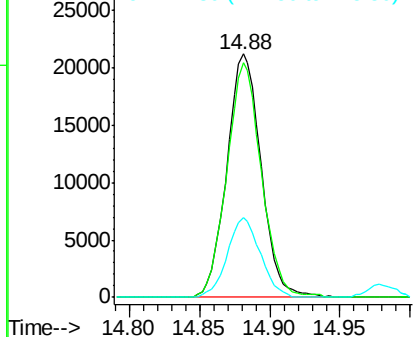
#93
 1,2,4-Trichlorobenzene
 Concen: 19.638 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tgt Ion:180 Resp: 36059
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.0 141.2
 145 31.4 15.4 46.4

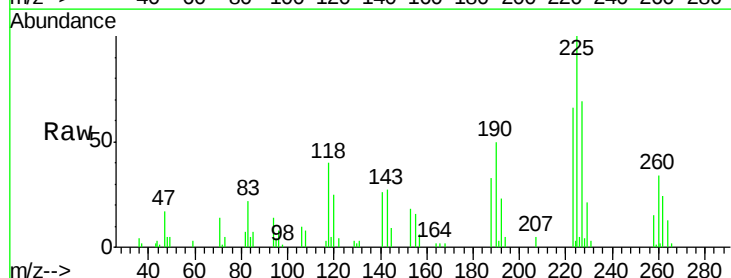


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

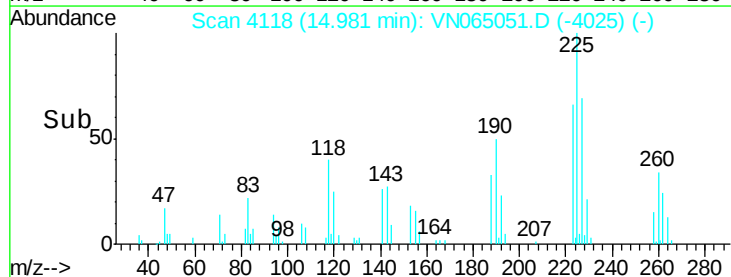
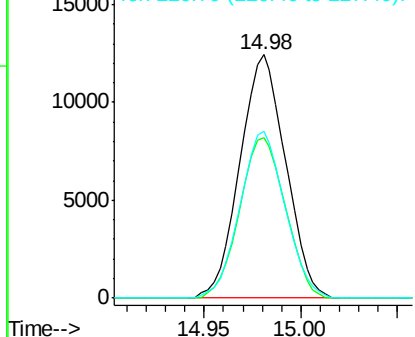


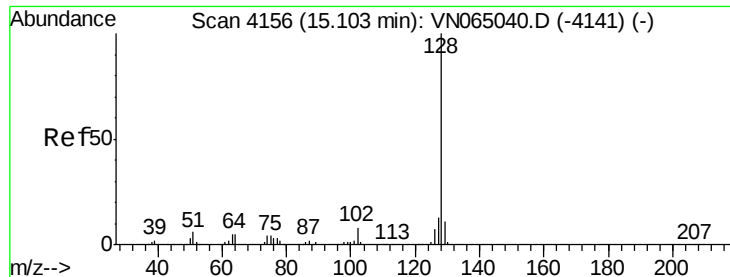
#94
 Hexachlorobutadiene
 Concen: 17.623 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN065051.D
 Acq: 10 Dec 2020 18:55

Tgt Ion:225 Resp: 20421
 Ion Ratio Lower Upper
 225 100
 223 65.9 31.4 94.0
 227 67.8 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

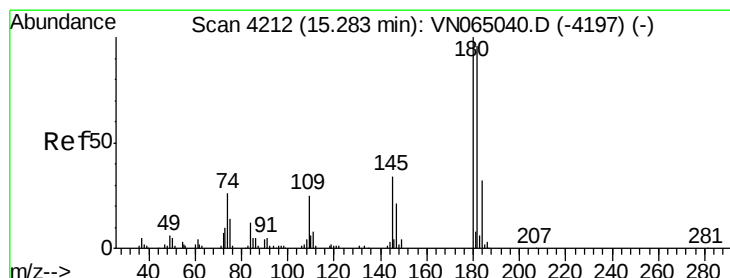
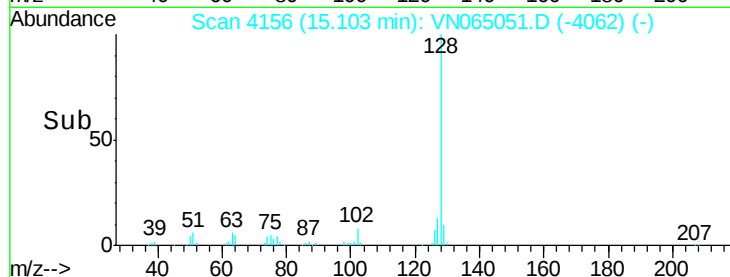
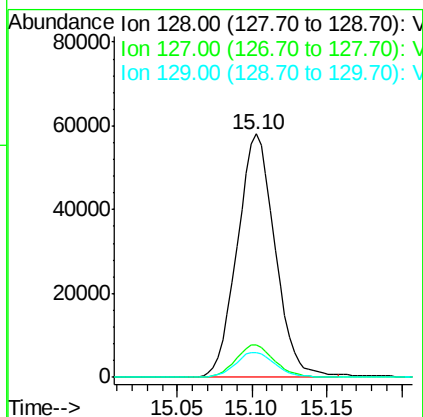
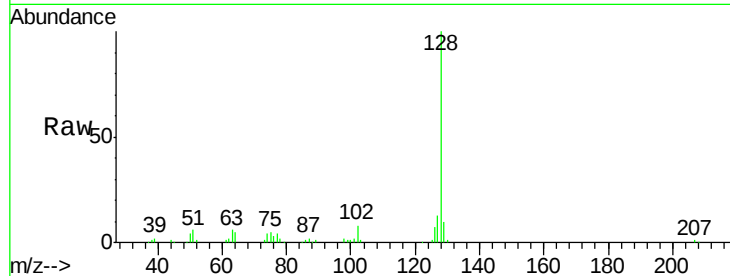




#95
Naphthalene
Concen: 19.561 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	10.8	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.181 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN065051.D
Acq: 10 Dec 2020 18:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	48.3	144.9
145	31.6	16.2	48.6

