

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065050.D
 Acq On : 10 Dec 2020 18:31
 Operator : JC/MD
 Sample : VN1210WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Quant Time: Dec 11 03:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	199539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	280481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112788	47.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.96%
35) Dibromofluoromethane	7.55	113	98244	48.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.30%
50) Toluene-d8	10.06	98	374428	47.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.68%
62) 4-Bromofluorobenzene	12.38	95	128701	47.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.94%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23605	18.504	ug/l	94
3) Chloromethane	2.04	50	31193	17.934	ug/l	98
4) Vinyl Chloride	2.17	62	33985	18.291	ug/l	96
5) Bromomethane	2.53	94	23371	18.033	ug/l	92
6) Chloroethane	2.67	64	22744	17.892	ug/l	96
7) Trichlorofluoromethane	2.99	101	52431	17.774	ug/l	95
8) Diethyl Ether	3.38	74	21307	18.190	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32632	17.759	ug/l	99
10) Methyl Iodide	3.91	142	37475	16.857	ug/l	98
11) Tert butyl alcohol	4.74	59	26549	92.263	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	29725	17.278	ug/l	98
13) Acrolein	3.57	56	20253	87.029	ug/l	99
14) Allyl chloride	4.28	41	47481	17.030	ug/l	95
15) Acrylonitrile	4.94	53	81722	90.354	ug/l	99
16) Acetone	3.78	43	71183	84.477	ug/l	100
17) Carbon Disulfide	4.01	76	68373	17.954	ug/l	100
18) Methyl Acetate	4.28	43	40911	19.266	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	104400	18.002	ug/l	95
20) Methylene Chloride	4.51	84	37742	17.582	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	32976	17.556	ug/l	98
22) Diisopropyl ether	5.90	45	111122	18.282	ug/l	95
23) Vinyl Acetate	5.85	43	420845	89.589	ug/l	100
24) 1,1-Dichloroethane	5.80	63	64442	17.899	ug/l	98
25) 2-Butanone	6.79	43	101461	87.314	ug/l	97
26) 2,2-Dichloropropane	6.78	77	54636	17.710	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	40326	17.781	ug/l	99
28) Bromochloromethane	7.15	49	30541	17.847	ug/l	100
29) Tetrahydrofuran	7.17	42	66073	90.575	ug/l	98
30) Chloroform	7.33	83	67564	18.157	ug/l	99
31) Cyclohexane	7.61	56	47408	18.681	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	56279	17.657	ug/l	97
36) 1,1-Dichloropropene	7.75	75	46662	17.740	ug/l	99
37) Ethyl Acetate	6.88	43	42914	17.943	ug/l #	80
38) Carbon Tetrachloride	7.73	117	50828	18.188	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	43996	17.019	ug/l	99
40) Benzene	8.00	78	147441	18.098	ug/l	98
41) Methacrylonitrile	7.13	41	21626	17.402	ug/l	96
42) 1,2-Dichloroethane	8.09	62	51114	18.503	ug/l	99
43) Isopropyl Acetate	8.13	43	70835	17.818	ug/l	98
44) Trichloroethene	8.80	130	41226	18.118	ug/l	99
45) 1,2-Dichloropropane	9.08	63	40265	18.271	ug/l	96
46) Dibromomethane	9.17	93	26283	18.410	ug/l	98
47) Bromodichloromethane	9.37	83	53268	18.216	ug/l	98
48) Methyl methacrylate	9.17	41	35161	18.631	ug/l	97
49) 1,4-Dioxane	9.17	88	12257	359.703	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	222382	93.566	ug/l	98
52) Toluene	10.12	92	94402	18.491	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	55767	17.894	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	61896	17.756	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	38023	17.988	ug/l	98
56) Ethyl methacrylate	10.40	69	49027	17.564	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64325	18.497	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	136029	91.449	ug/l	100
59) 2-Hexanone	10.72	43	153914	89.888	ug/l	97
60) Dibromochloromethane	10.87	129	42974	17.869	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37312	17.634	ug/l	95
64) Tetrachloroethene	10.60	164	42824	17.969	ug/l	98
65) Chlorobenzene	11.41	112	103797	18.068	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39833	18.038	ug/l	99
67) Ethyl Benzene	11.48	91	165769	17.295	ug/l	99
68) m/p-Xylenes	11.59	106	130643	35.169	ug/l	97
69) o-Xylene	11.92	106	62808	17.716	ug/l	98
70) Styrene	11.94	104	105430	17.583	ug/l	99
71) Bromoform	12.10	173	29535	17.609	ug/l #	99
73) Isopropylbenzene	12.22	105	163039	18.207	ug/l	99
74) N-amyl acetate	12.05	43	58799	18.229	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	50961	18.737	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	69580	26.525	ug/l #	100
77) Bromobenzene	12.50	156	44159	18.544	ug/l	99
78) n-propylbenzene	12.56	91	181676	17.986	ug/l	99
79) 2-Chlorotoluene	12.65	91	113536	18.377	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	139677	18.536	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	16337	17.727	ug/l	94
82) 4-Chlorotoluene	12.75	91	119544	18.359	ug/l	100
83) tert-Butylbenzene	12.97	119	114595	18.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	139937	18.394	ug/l	100
85) sec-Butylbenzene	13.14	105	145540	17.957	ug/l	99
86) p-Isopropyltoluene	13.26	119	133487	17.874	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	76052	17.972	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	76582	17.847	ug/l	97
89) n-Butylbenzene	13.59	91	104670	17.054	ug/l	99
90) Hexachloroethane	13.85	117	24638	18.200	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	75999	18.043	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9286	17.413	ug/l	99

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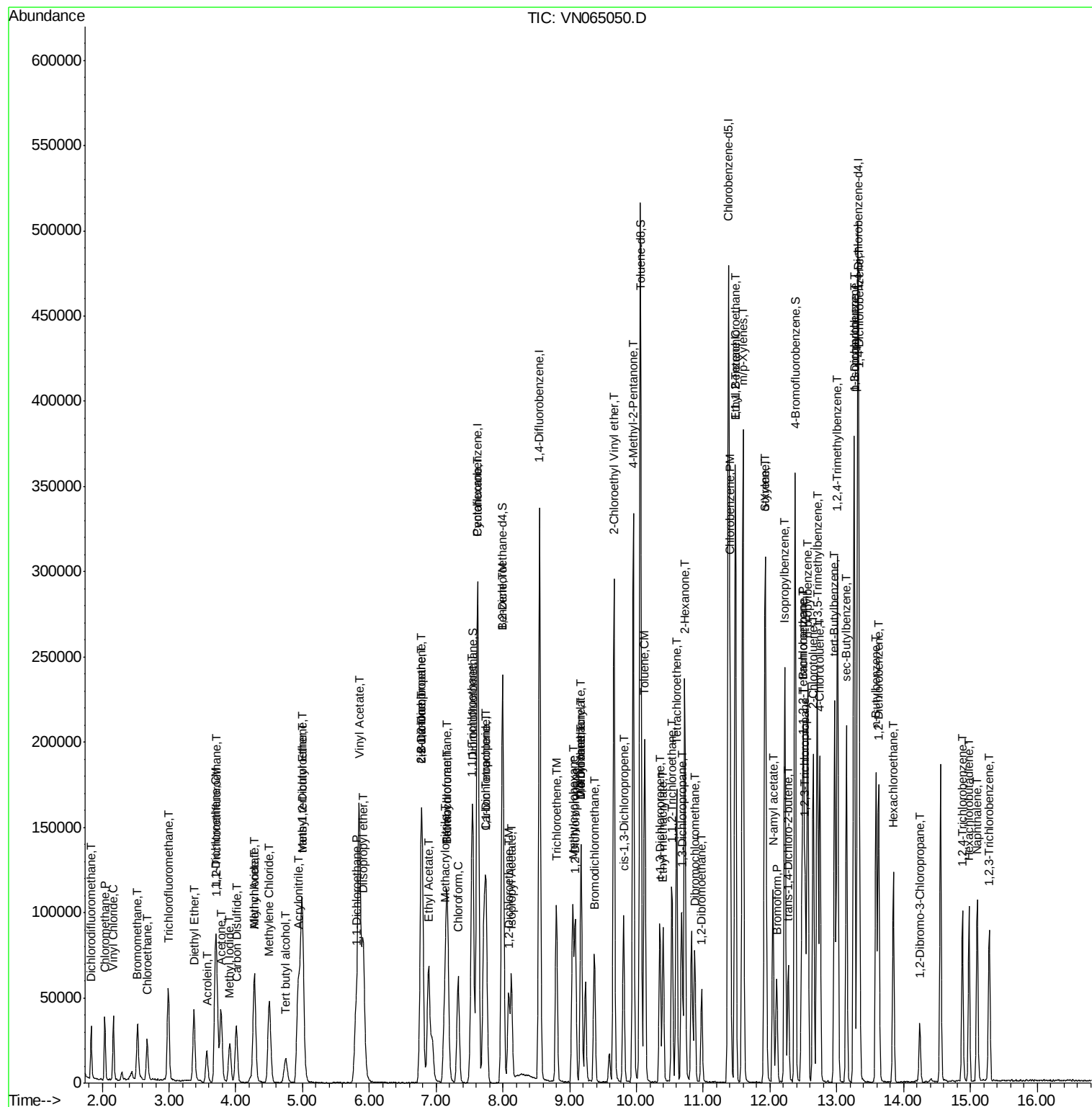
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	33819	18.696	ug/l	94
94) Hexachlorobutadiene	14.98	225	21060	18.109	ug/l	97
95) Naphthalene	15.10	128	96307	18.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	32266	18.747	ug/l	98

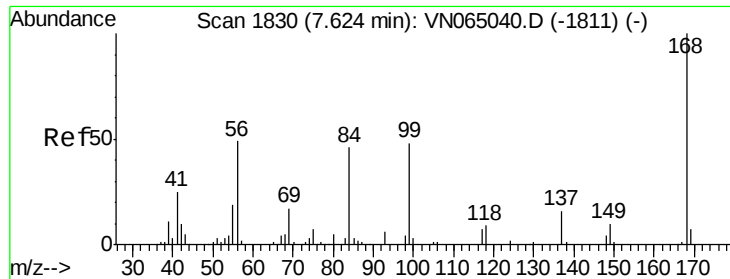
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

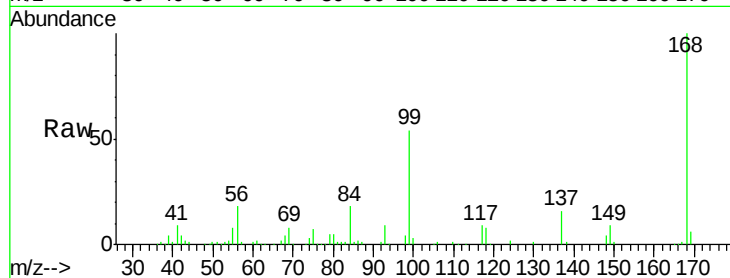
VN1210WBS01

Tgt Ion:168 Resp: 199539

Ion Ratio Lower Upper

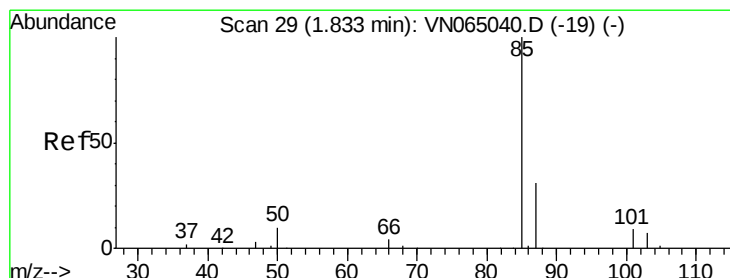
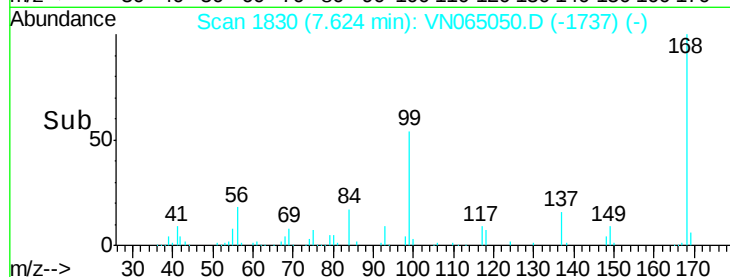
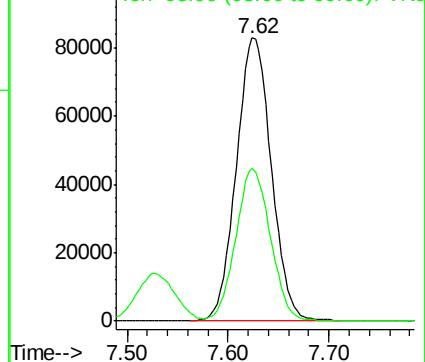
168 100

99 53.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.504 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065050.D

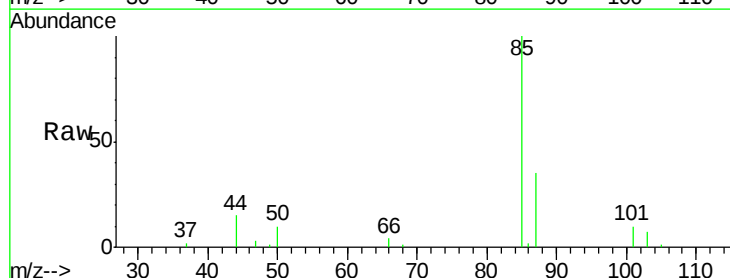
Acq: 10 Dec 2020 18:31

Tgt Ion: 85 Resp: 23605

Ion Ratio Lower Upper

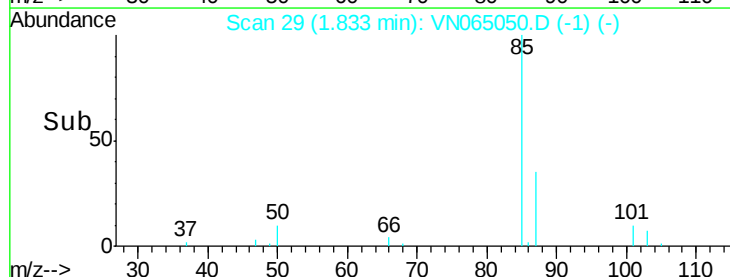
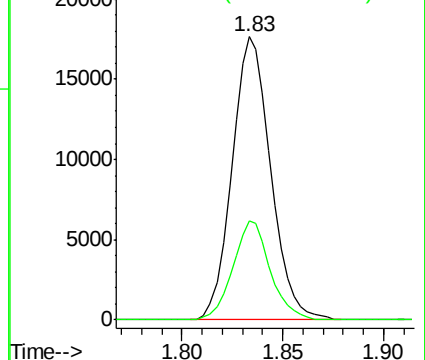
85 100

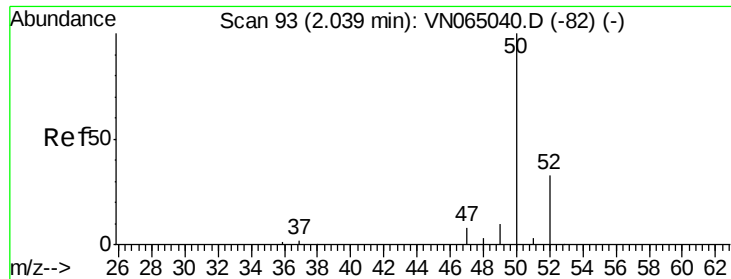
87 34.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.934 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

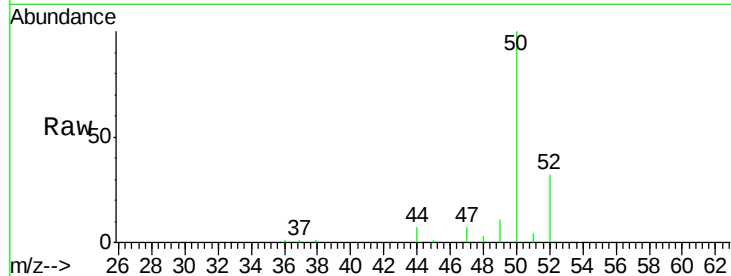
VN1210WBS01

Tgt Ion: 50 Resp: 31193

Ion Ratio Lower Upper

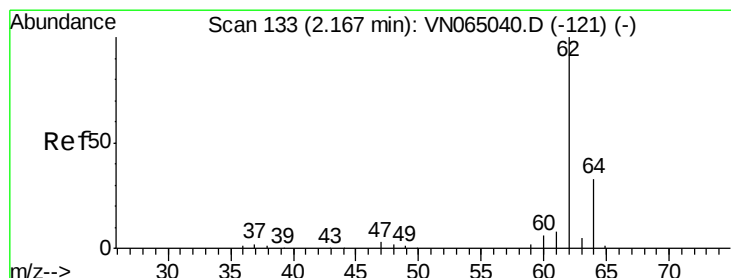
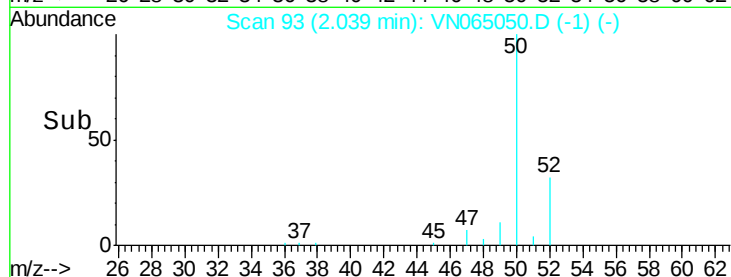
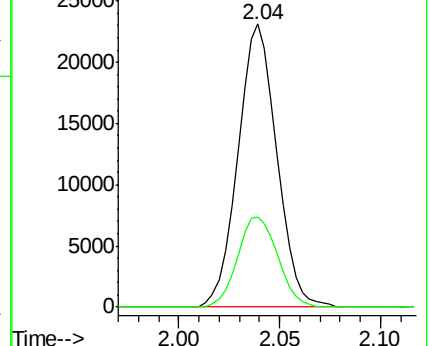
50 100

52 32.0 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: 18.291 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065050.D

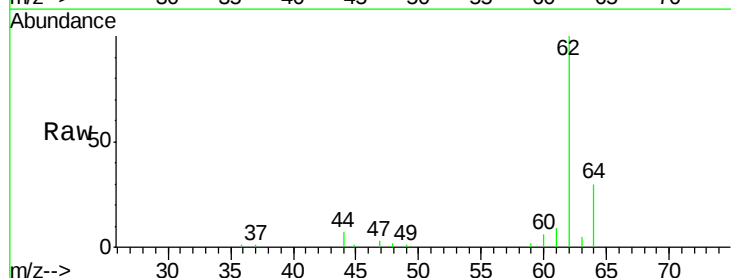
Acq: 10 Dec 2020 18:31

Tgt Ion: 62 Resp: 33985

Ion Ratio Lower Upper

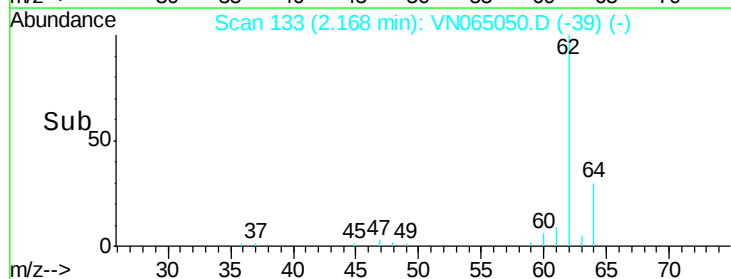
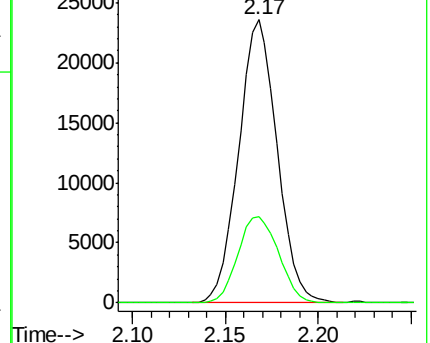
62 100

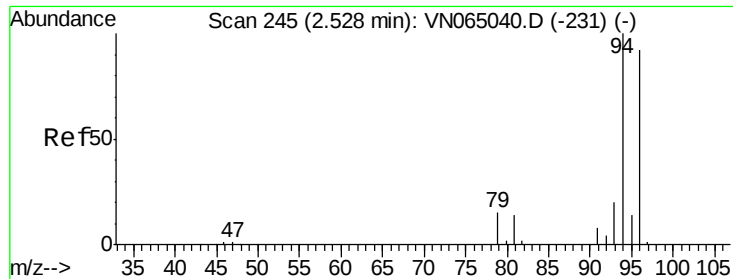
64 30.4 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

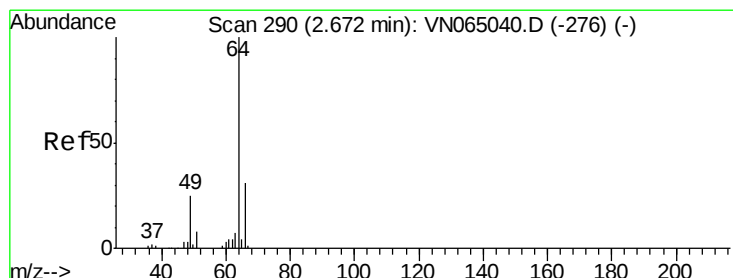
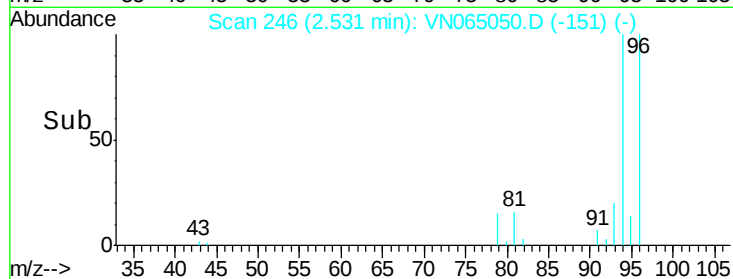
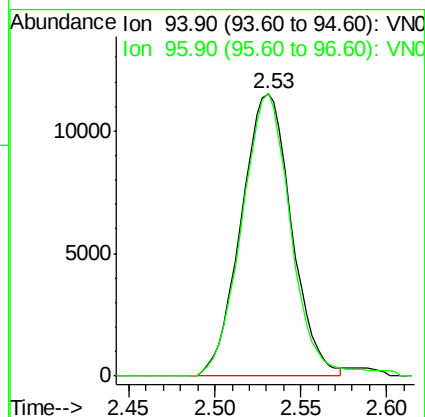
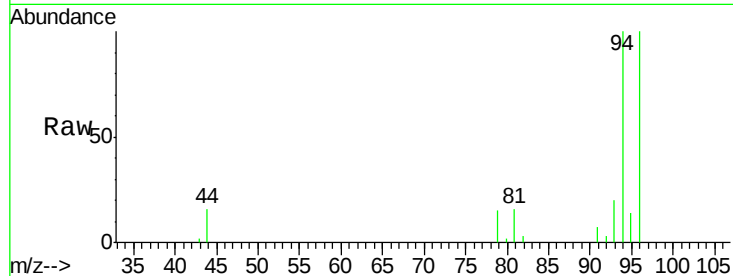




#5
Bromomethane
Concen: 18.033 ug/l
RT: 2.53 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

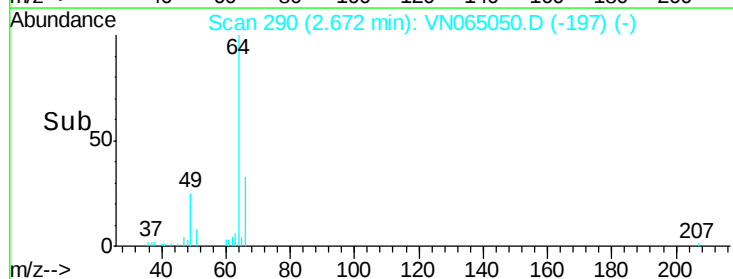
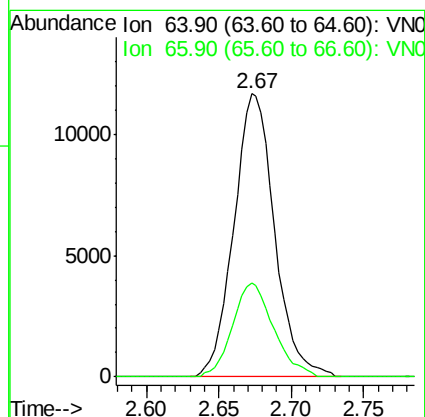
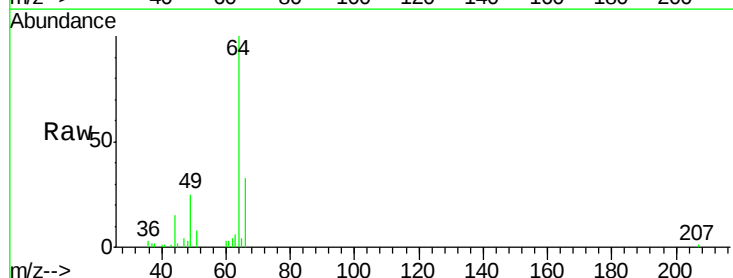
Instrument :
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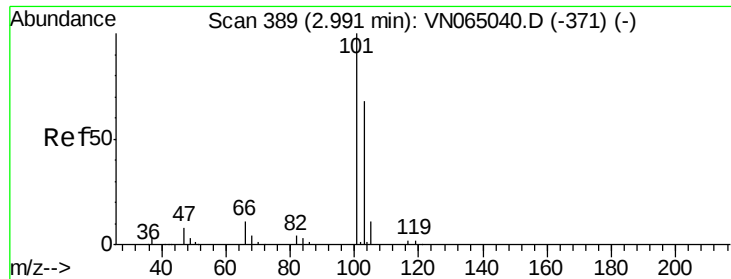
Tgt Ion: 94 Resp: 23371
Ion Ratio Lower Upper
94 100
96 100.3 73.8 110.8



#6
Chloroethane
Concen: 17.892 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 64 Resp: 22744
Ion Ratio Lower Upper
64 100
66 33.2 24.6 37.0



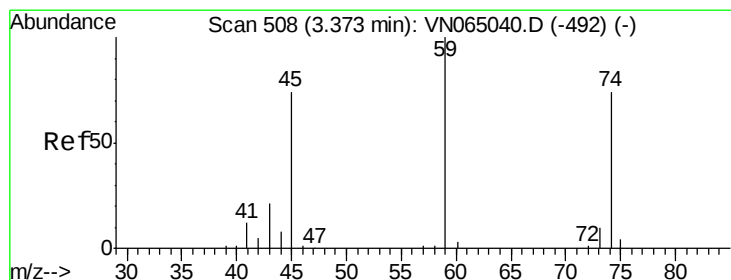
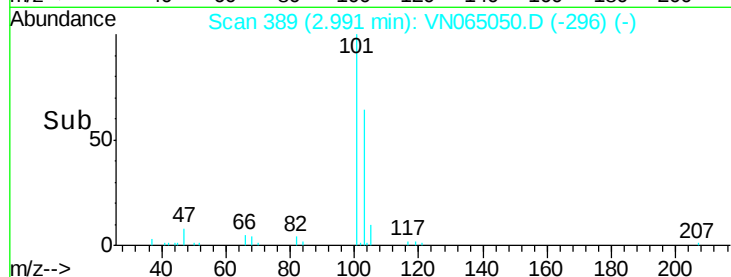
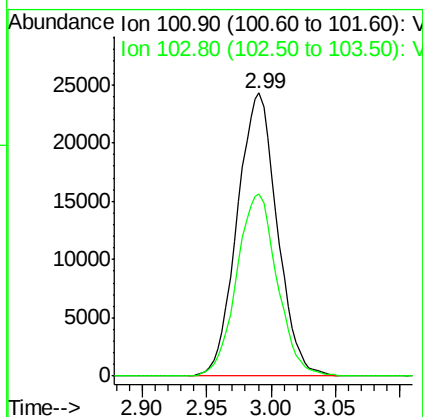
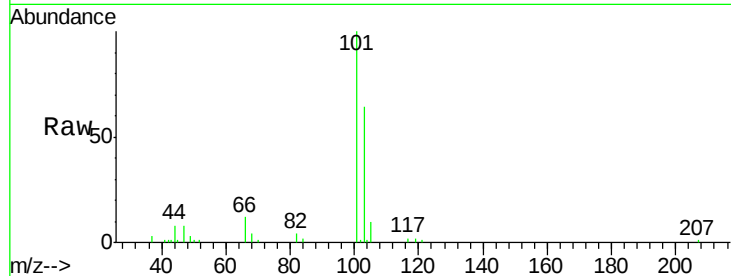


#7

Trichlorofluoromethane
Concen: 17.774 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN065050.D
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Instrument :
MSVOA_N
ClientSampled :
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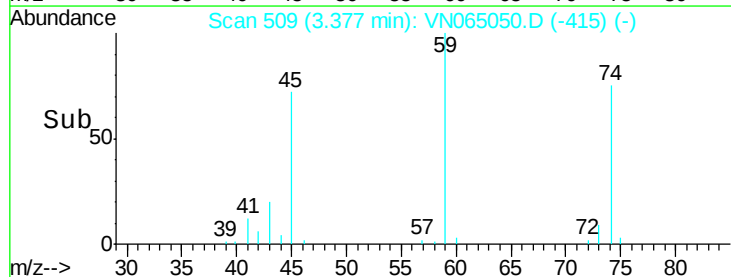
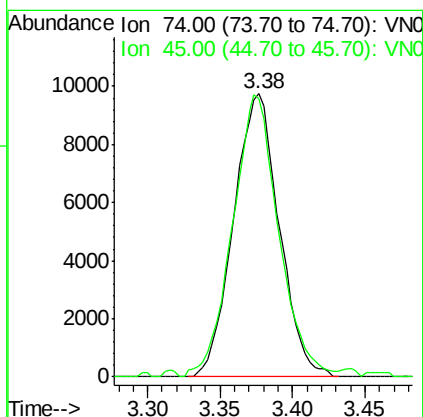
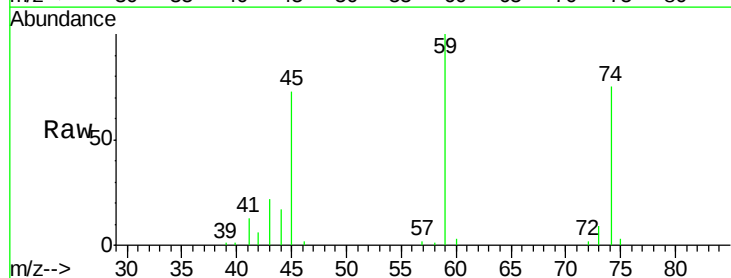
Tgt Ion:101 Resp: 52431
Ion Ratio Lower Upper
101 100
103 64.3 54.5 81.7

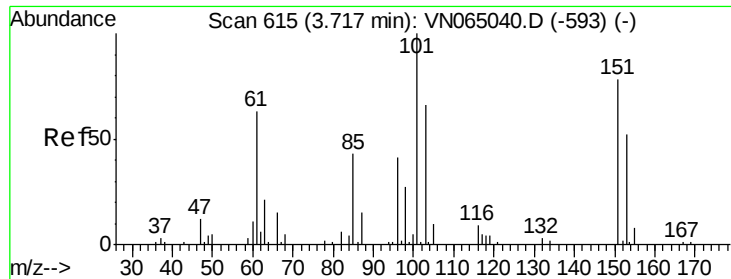


#8

Diethyl Ether
Concen: 18.190 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 74 Resp: 21307
Ion Ratio Lower Upper
74 100
45 100.7 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.759 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

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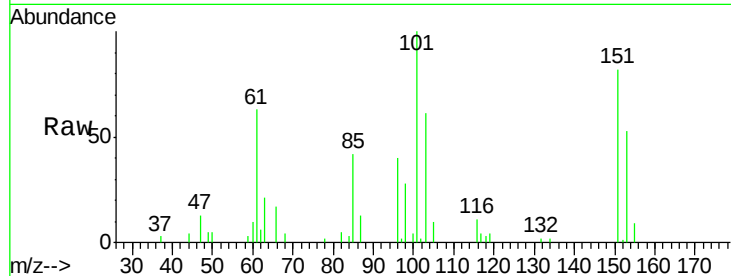
Tgt Ion:101 Resp: 32632

Ion Ratio Lower Upper

101 100

85 41.9 33.2 49.8

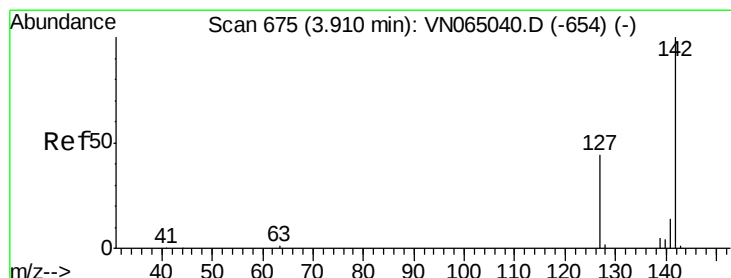
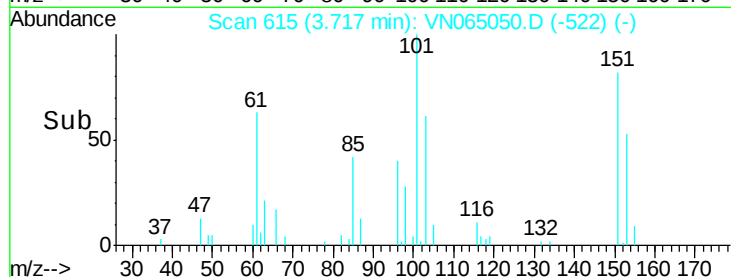
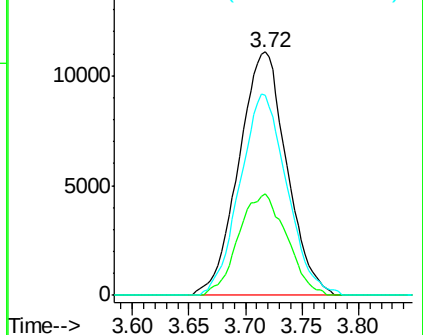
151 81.2 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.857 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

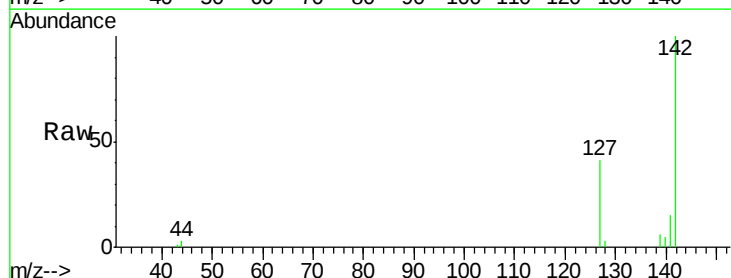
Tgt Ion:142 Resp: 37475

Ion Ratio Lower Upper

142 100

127 41.9 34.6 52.0

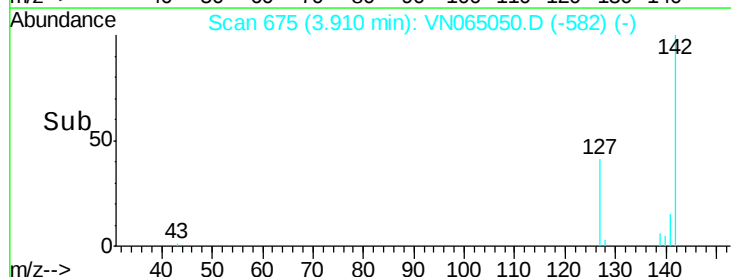
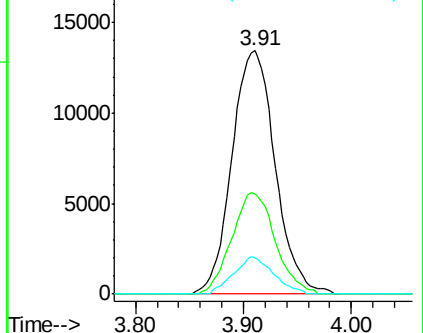
141 14.2 10.9 16.3

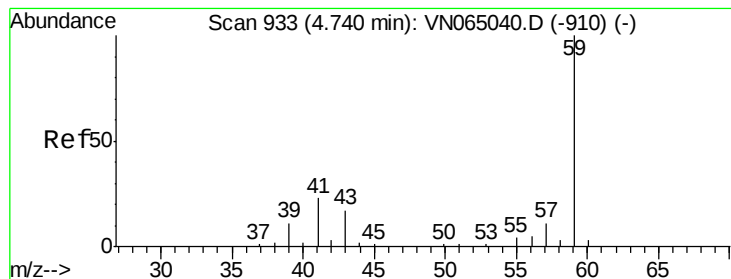


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.263 ug/l

RT: 4.74 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

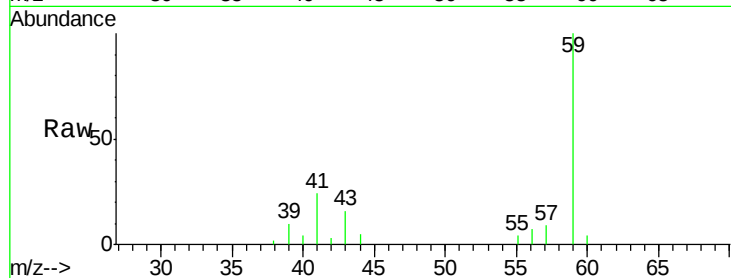
VN1210WBS01

Tgt Ion: 59 Resp: 26549

Ion Ratio Lower Upper

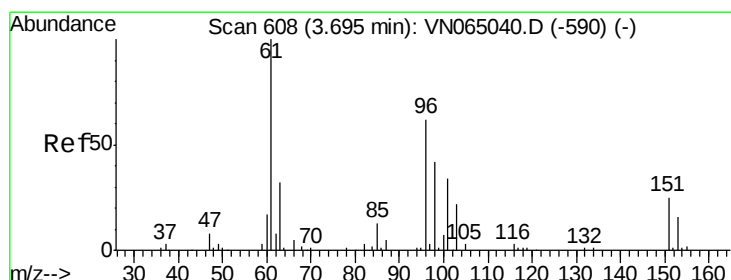
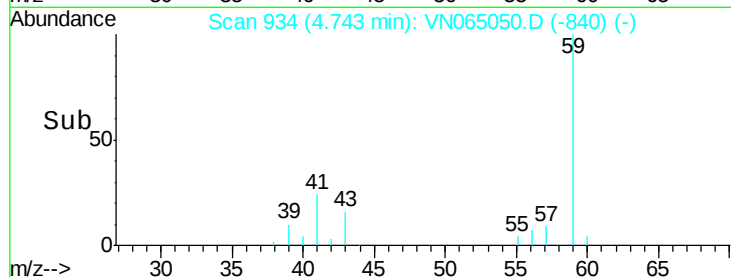
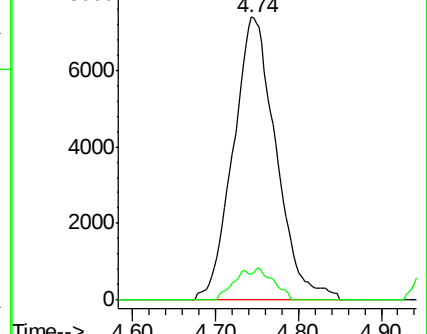
59 100

57 4.6 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.278 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

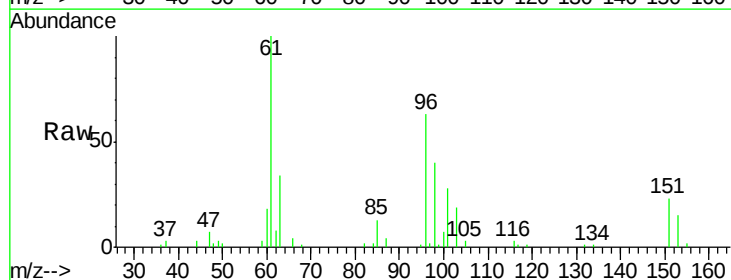
Tgt Ion: 96 Resp: 29725

Ion Ratio Lower Upper

96 100

61 159.6 128.4 192.6

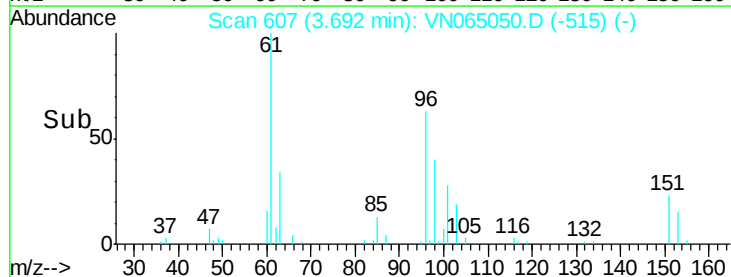
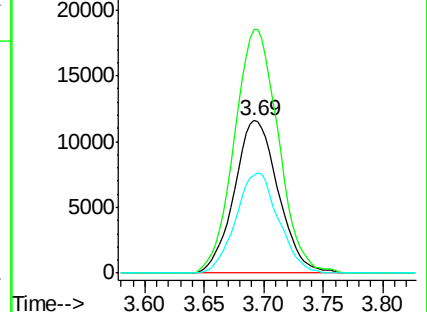
98 63.8 53.6 80.4

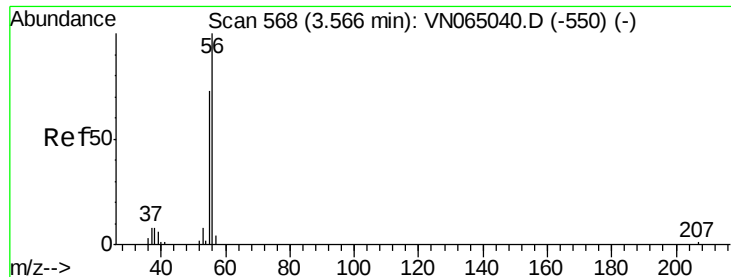


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 87.029 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

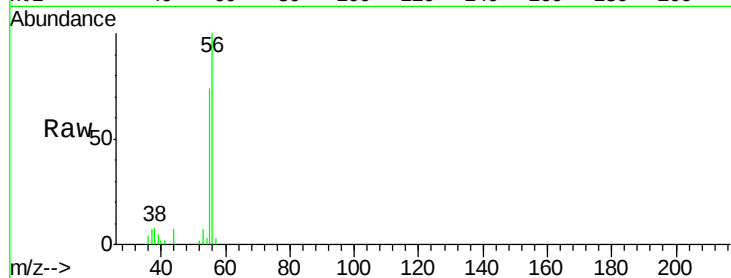
VN1210WBS01

Tgt Ion: 56 Resp: 20253

Ion Ratio Lower Upper

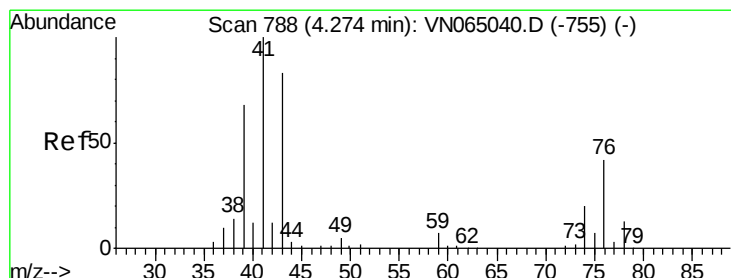
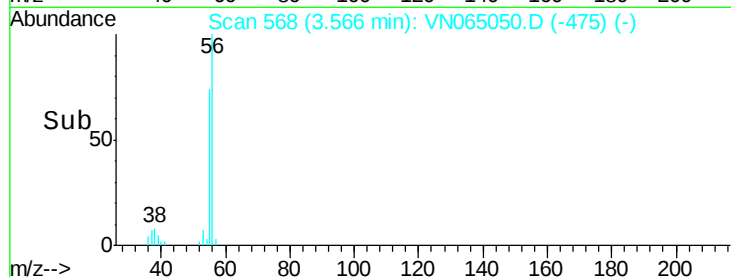
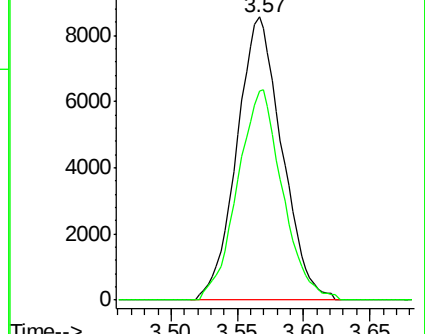
56 100

55 73.9 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN065040.D (-550) (-)

Ion 55.00 (54.70 to 55.70): VN065040.D (-550) (-)



#14

Allyl chloride

Concen: 17.030 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

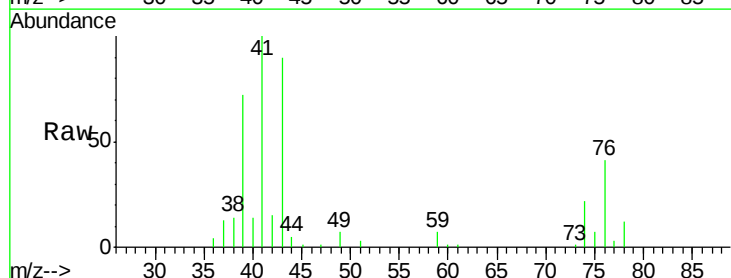
Tgt Ion: 41 Resp: 47481

Ion Ratio Lower Upper

41 100

39 66.4 49.0 73.6

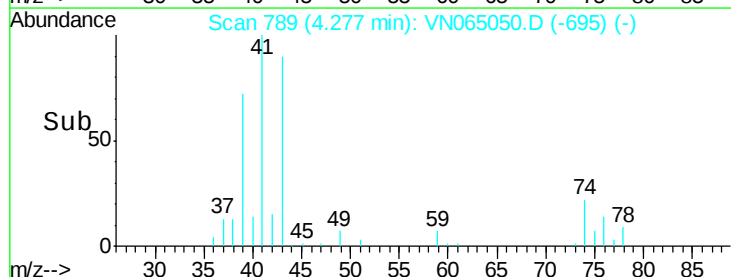
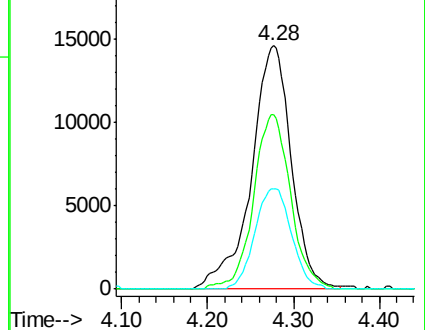
76 37.7 29.6 44.4

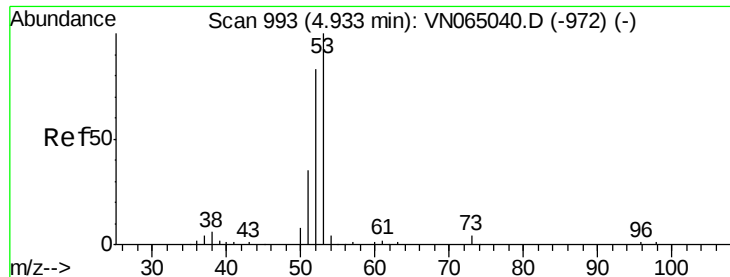


Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-755) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-755) (-)

Ion 75.90 (75.60 to 76.60): VN065040.D (-755) (-)





#15

Acrylonitrile

Concen: 90.354 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

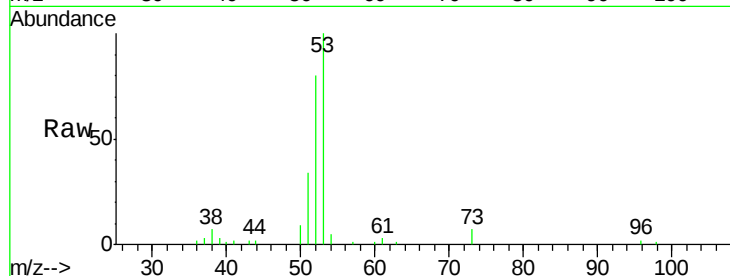
Tgt Ion: 53 Resp: 81722

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.0

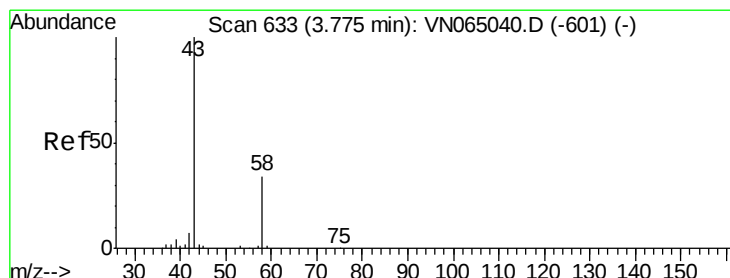
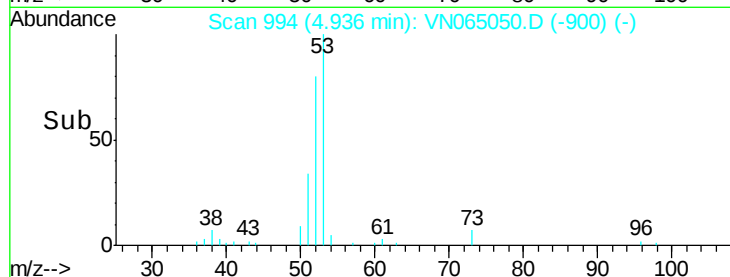
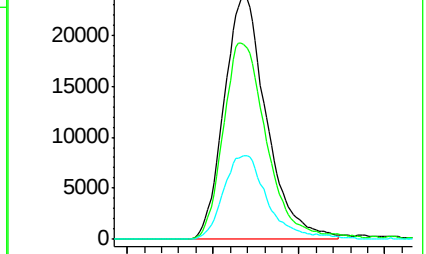
51 35.9 27.8 41.6



Abundance Ion 53.00 (52.70 to 53.70): VN065040.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN065040.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN065040.D (-972) (-)



#16

Acetone

Concen: 84.477 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065050.D

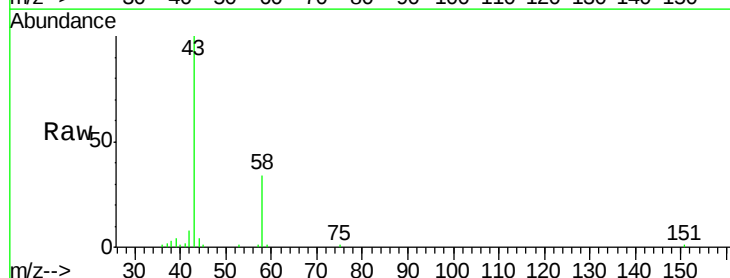
Acq: 10 Dec 2020 18:31

Tgt Ion: 43 Resp: 71183

Ion Ratio Lower Upper

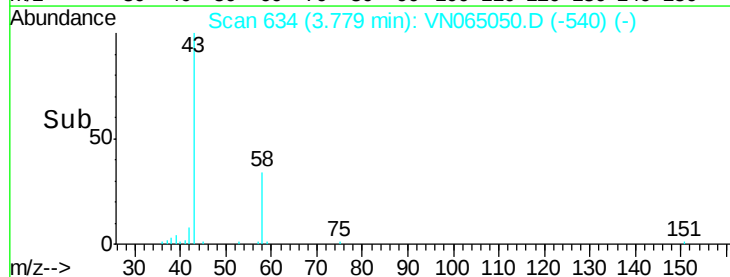
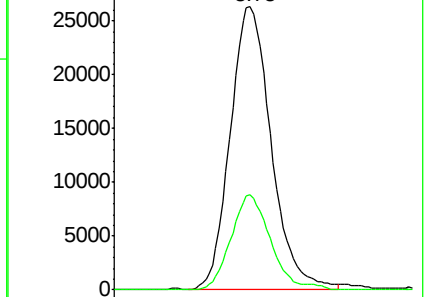
43 100

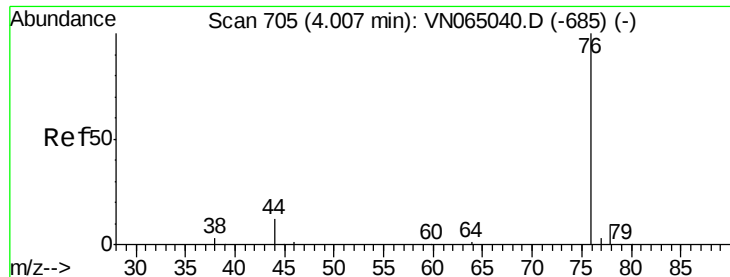
58 33.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-601) (-)

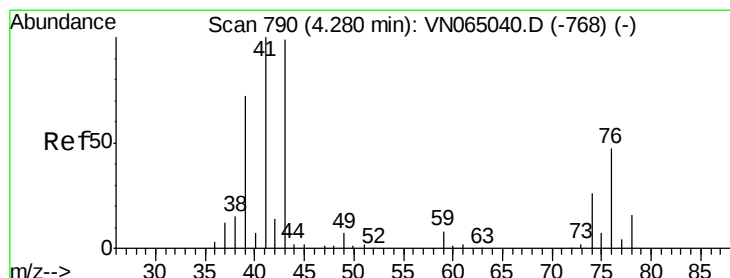
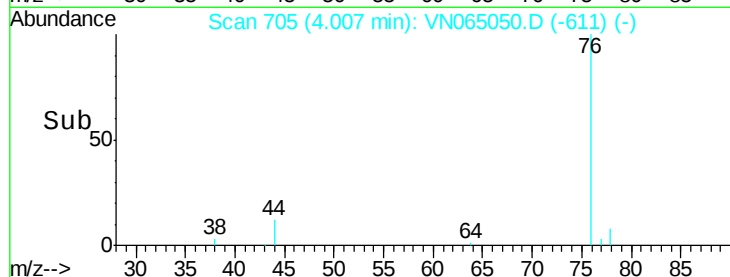
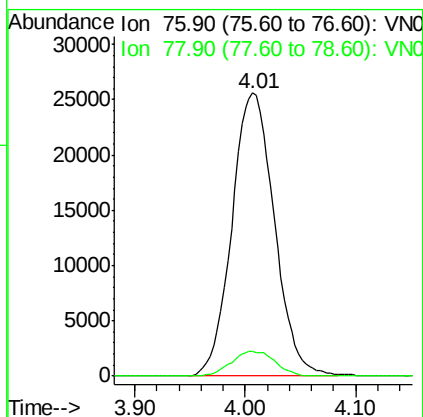
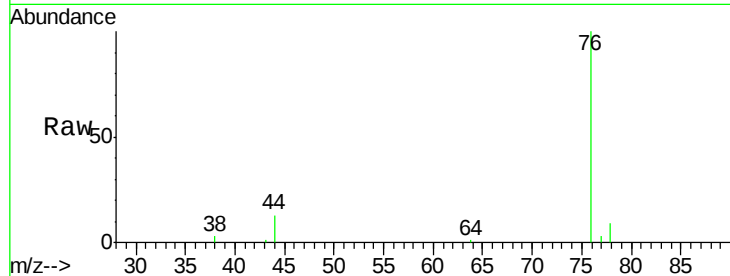




#17
Carbon Disulfide
Concen: 17.954 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

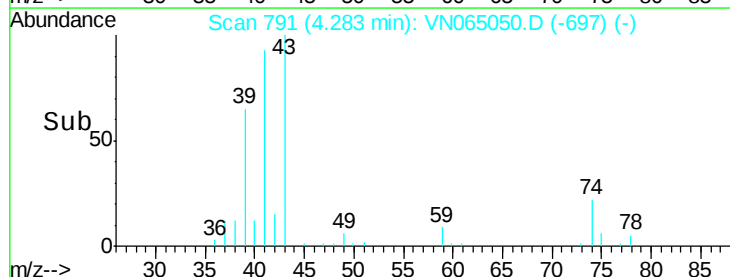
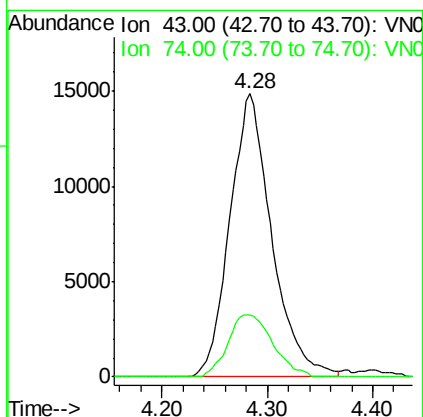
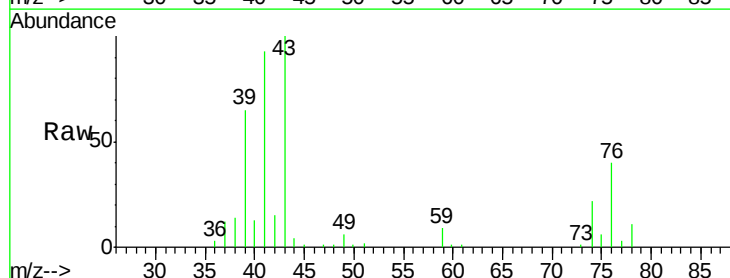
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

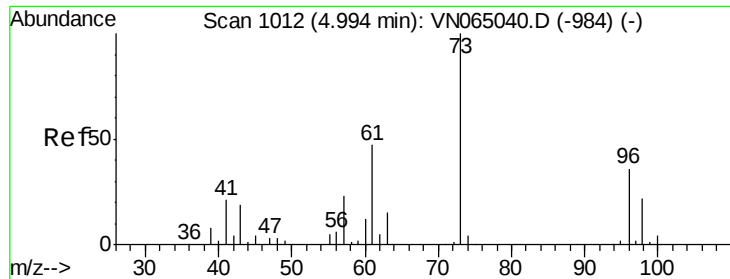
Tgt Ion: 76 Resp: 68373
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 19.266 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 43 Resp: 40911
Ion Ratio Lower Upper
43 100
74 23.6 20.1 30.1

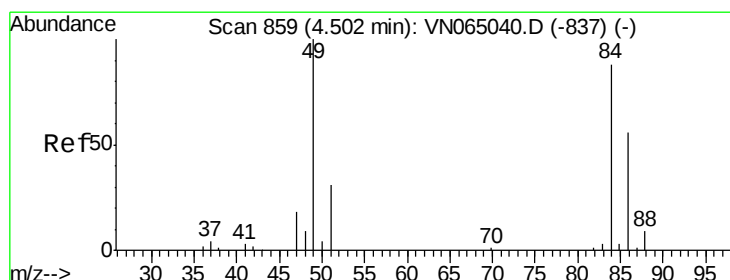
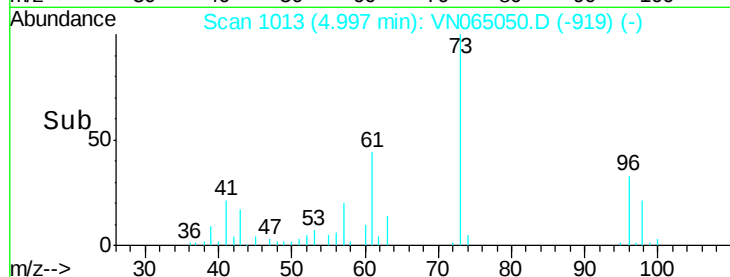
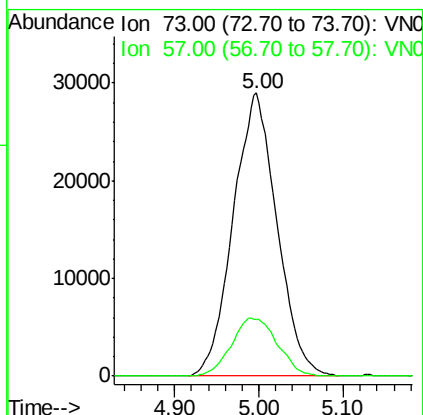
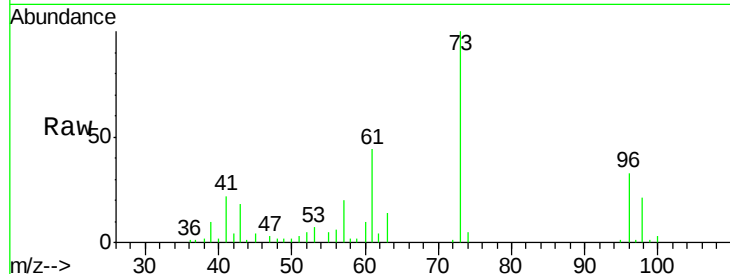




#19
Methyl tert-butyl Ether
Concen: 18.002 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

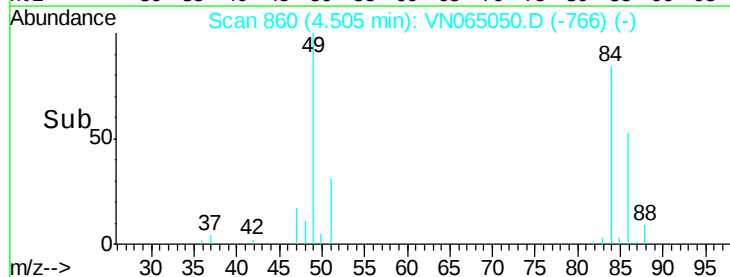
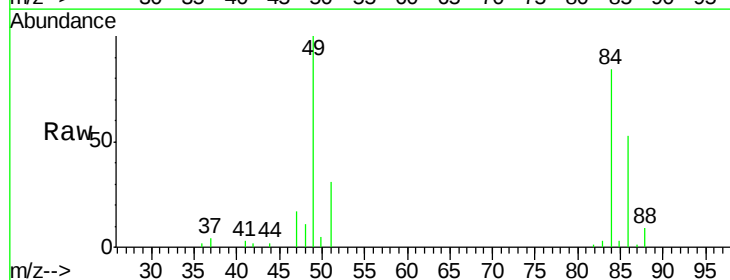
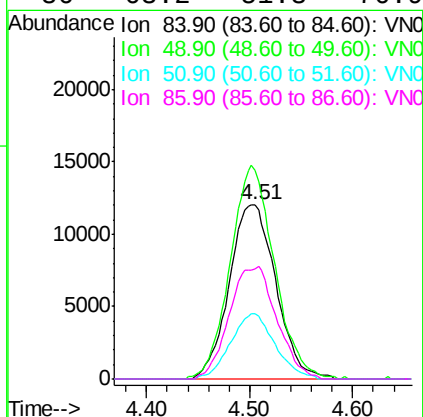
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

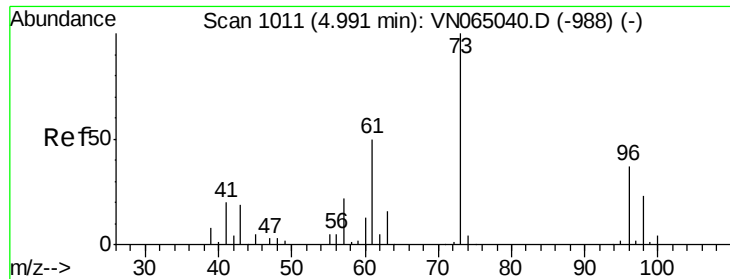
Tgt Ion: 73 Resp: 104400
Ion Ratio Lower Upper
73 100
57 20.0 18.0 27.0



#20
Methylene Chloride
Concen: 17.582 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 84 Resp: 37742
Ion Ratio Lower Upper
84 100
49 119.3 90.8 136.2
51 37.3 28.1 42.1
86 63.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.556 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

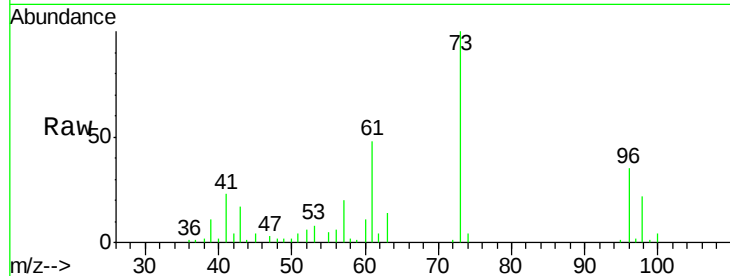
Tgt Ion: 96 Resp: 32976

Ion Ratio Lower Upper

96 100

61 136.0 107.1 160.7

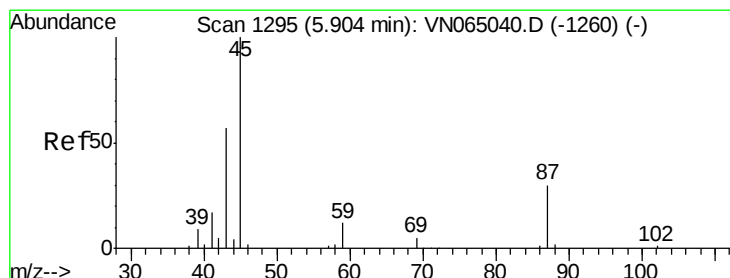
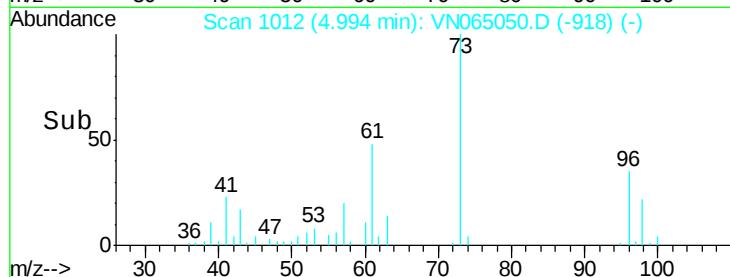
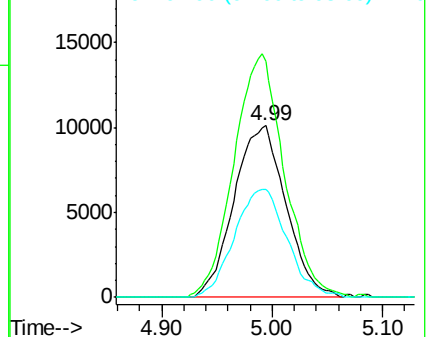
98 63.1 49.8 74.8



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: 18.282 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Tgt Ion: 45 Resp: 111122

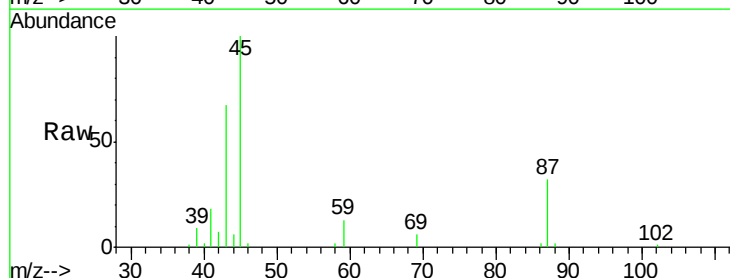
Ion Ratio Lower Upper

45 100

43 64.6 47.9 71.9

87 32.3 24.3 36.5

59 13.2 9.5 14.3

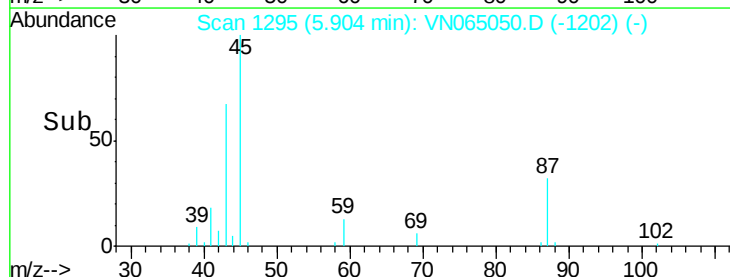
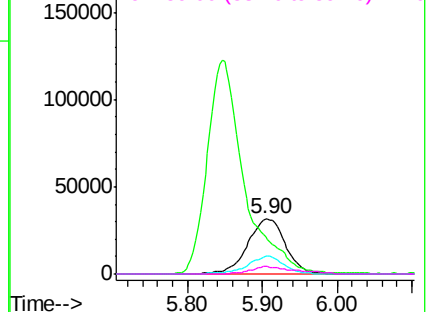


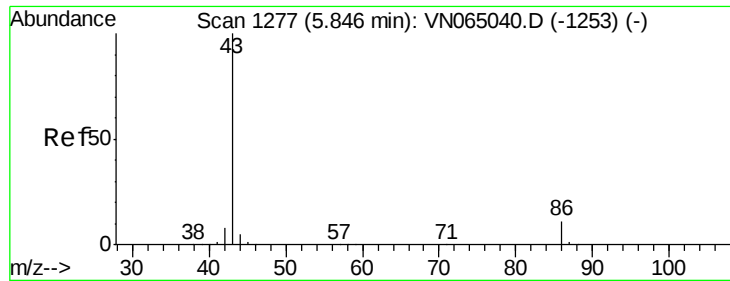
Abundance Ion 45.00 (44.70 to 45.70): VN065040.D (-1260) (-)

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) (-)

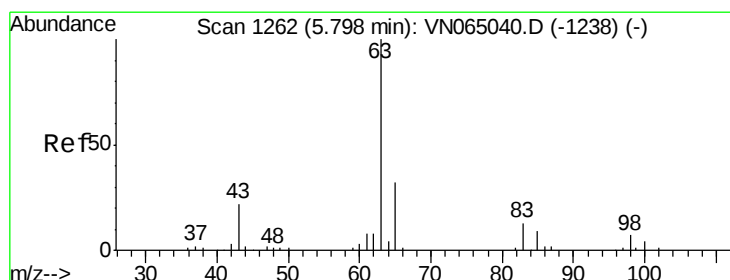
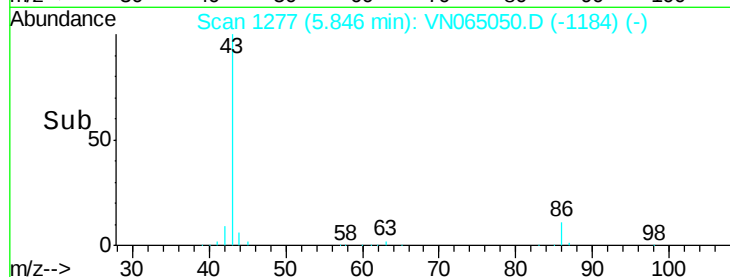
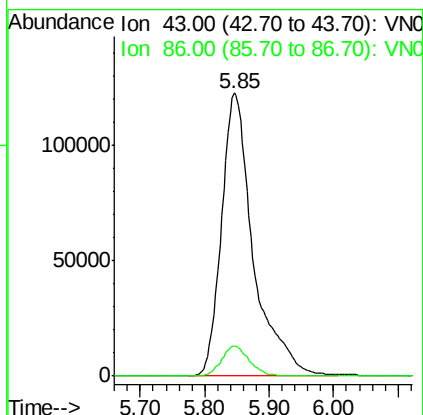
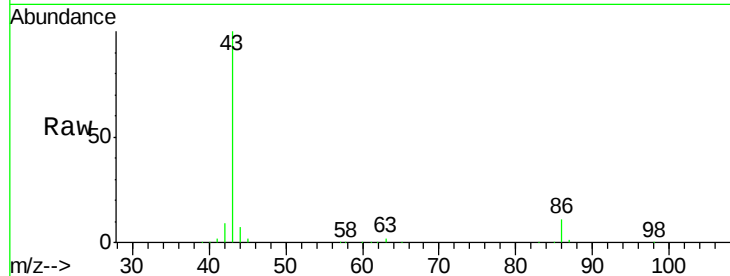




#23
 Vinyl Acetate
 Concen: 89.589 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

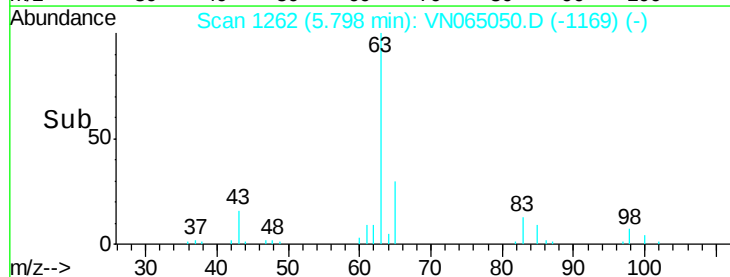
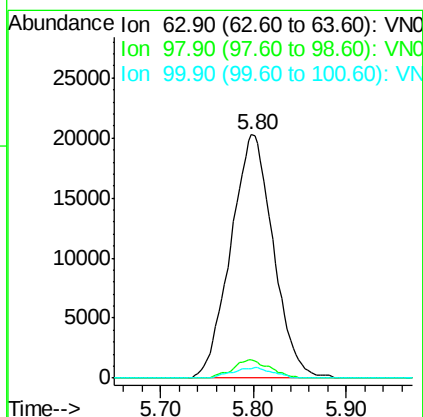
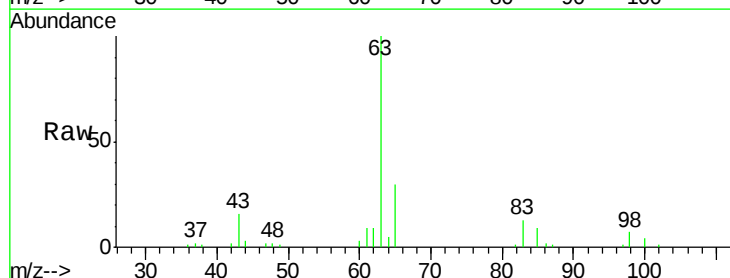
Instrument :
 MSVOA_N
 ClientSampled :
 VN1210WBS01

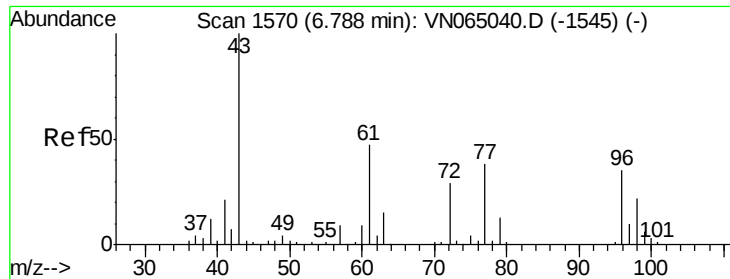
Tgt Ion: 43 Resp: 420845
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 17.899 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

Tgt Ion: 63 Resp: 64442
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 87.314 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

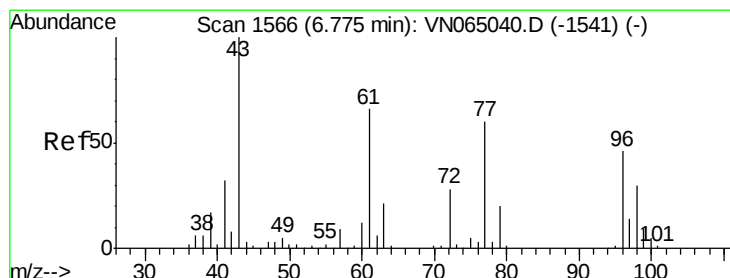
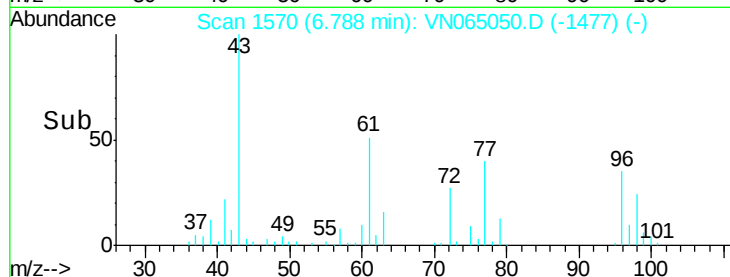
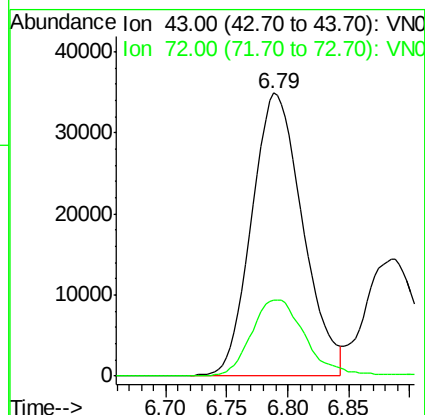
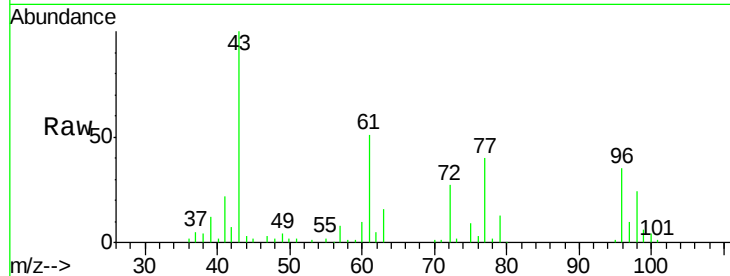
VN1210WBS01

Tgt Ion: 43 Resp: 101461

Ion Ratio Lower Upper

43 100

72 26.9 22.9 34.3



#26

2,2-Dichloropropane

Concen: 17.710 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN065050.D

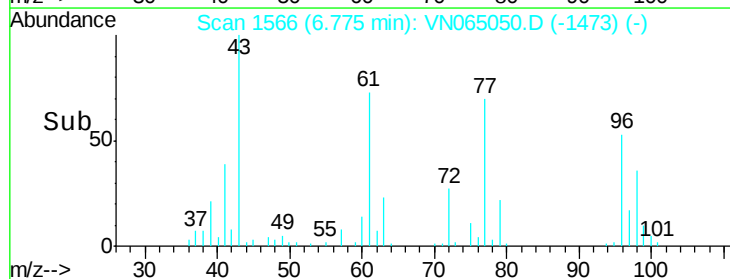
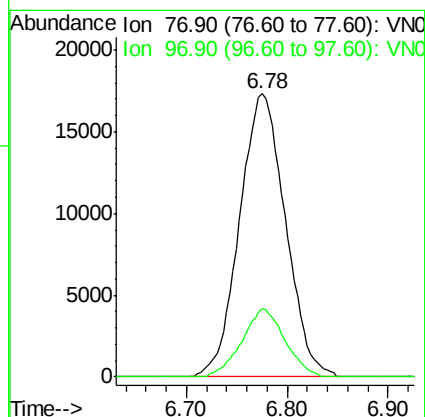
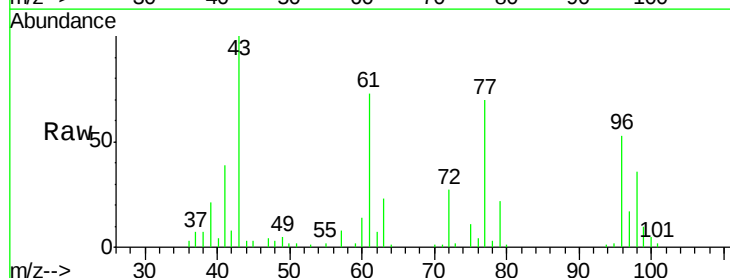
Acq: 10 Dec 2020 18:31

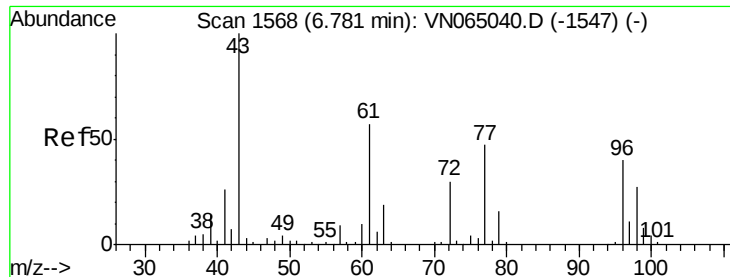
Tgt Ion: 77 Resp: 54636

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 17.781 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS01

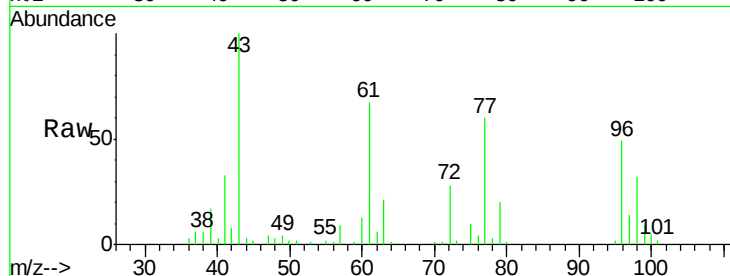
Tgt Ion: 96 Resp: 40326

Ion Ratio Lower Upper

96 100

61 140.8 0.0 283.6

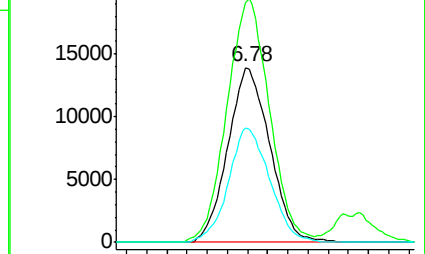
98 64.4 0.0 130.8



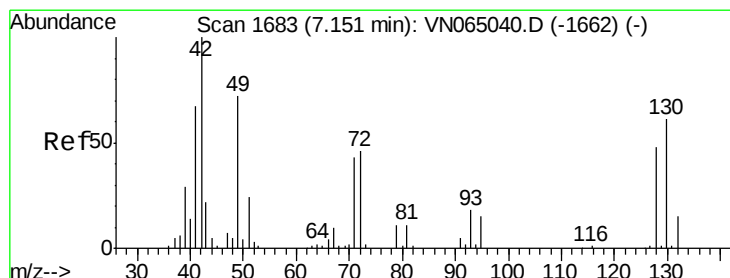
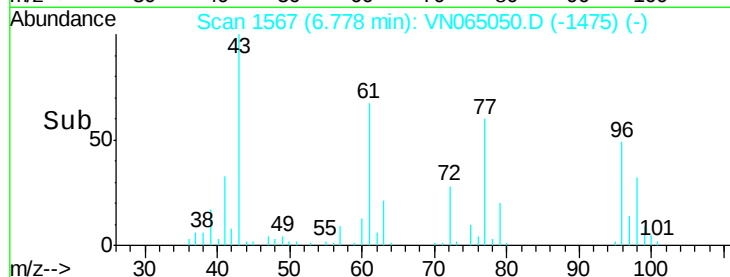
Abundance Ion 95.90 (95.60 to 96.60): VN065040.D (-1547) (-)

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

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



Time-->



#28

Bromochloromethane

Concen: 17.847 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

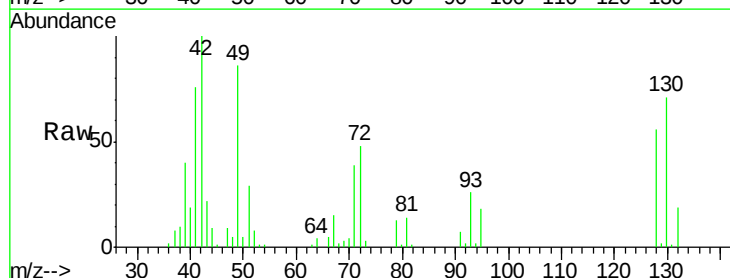
Tgt Ion: 49 Resp: 30541

Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.2

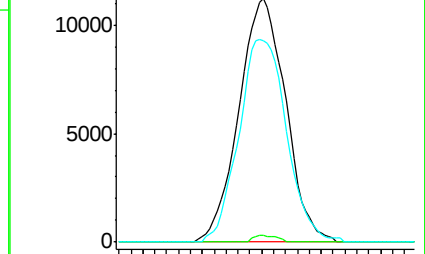
130 84.9 67.9 101.9



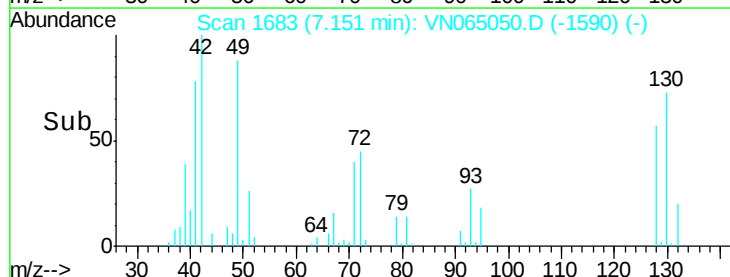
Abundance Ion 48.90 (48.60 to 49.60): VN065040.D (-1662) (-)

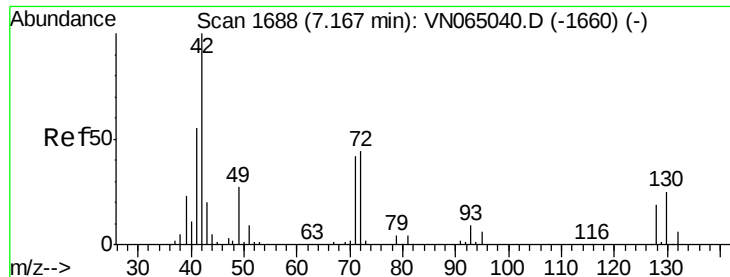
Ion 128.80 (128.50 to 129.50): VN065040.D (-1662) (-)

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



Time-->





#29

Tetrahydrofuran

Concen: 90.575 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

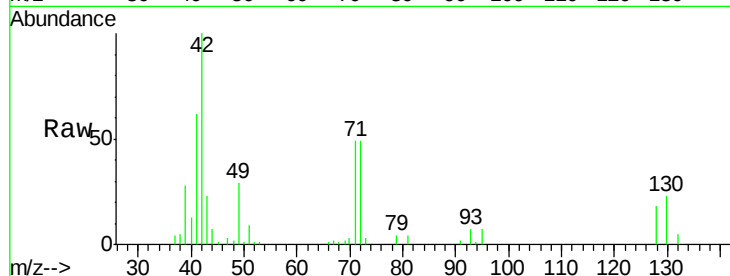
Tgt Ion: 42 Resp: 66073

Ion Ratio Lower Upper

42 100

72 46.0 35.8 53.6

71 42.8 33.5 50.3

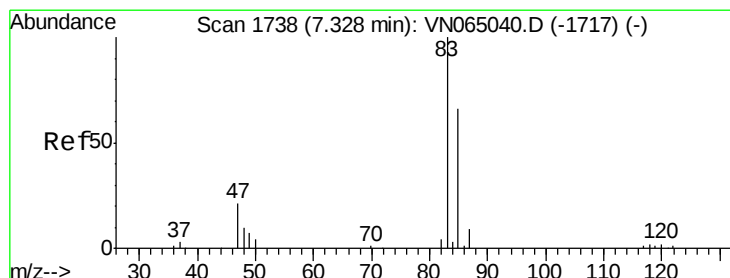
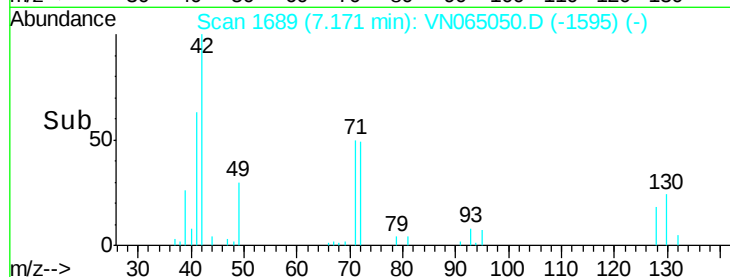


Abundance Ion 42.00 (41.70 to 42.70): VN065040.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN065040.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN065040.D (-1660) (-)

Time-->



#30

Chloroform

Concen: 18.157 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN065050.D

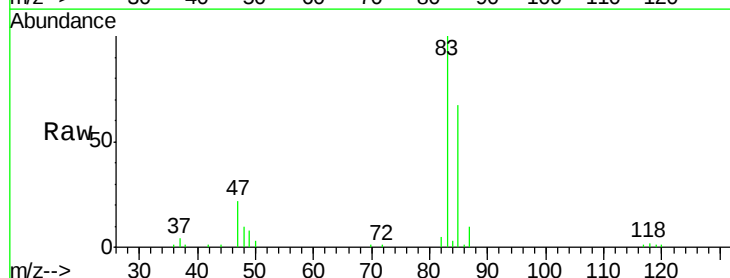
Acq: 10 Dec 2020 18:31

Tgt Ion: 83 Resp: 67564

Ion Ratio Lower Upper

83 100

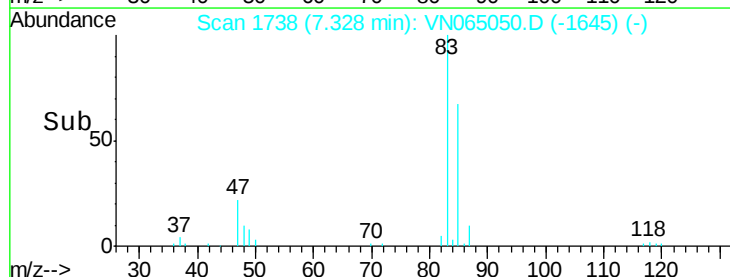
85 66.6 52.6 78.8

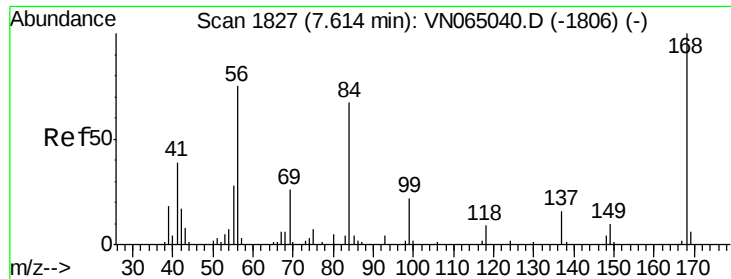


Abundance Ion 82.90 (82.60 to 83.60): VN065040.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN065040.D (-1717) (-)

Time-->

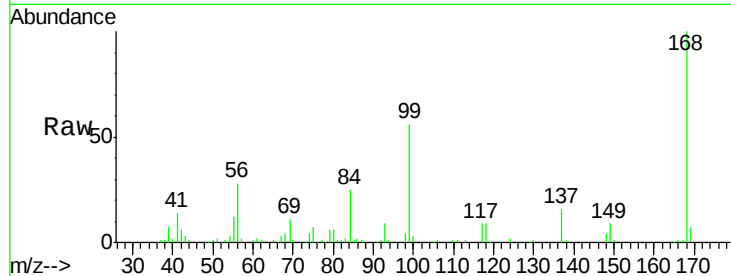




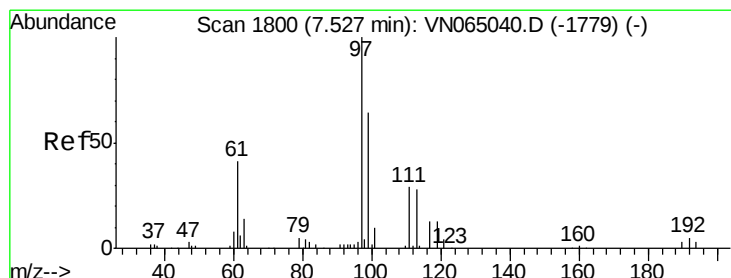
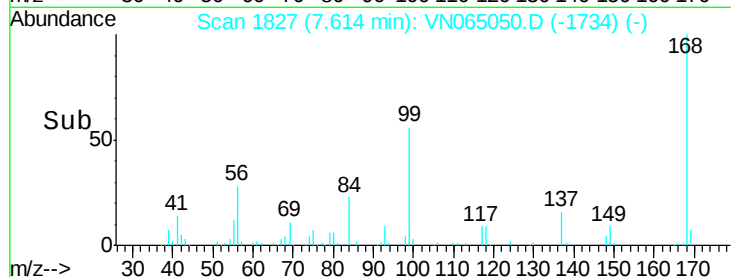
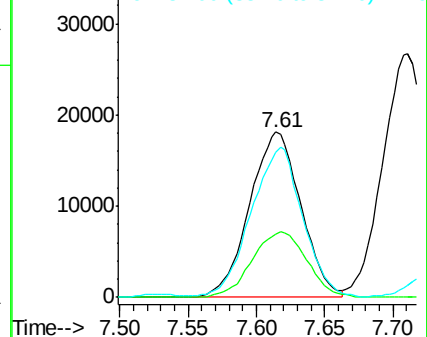
#31
Cyclohexane
Concen: 18.681 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion: 56 Resp: 47408
Ion Ratio Lower Upper
56 100
69 38.5 27.5 41.3
84 86.6 72.4 108.6

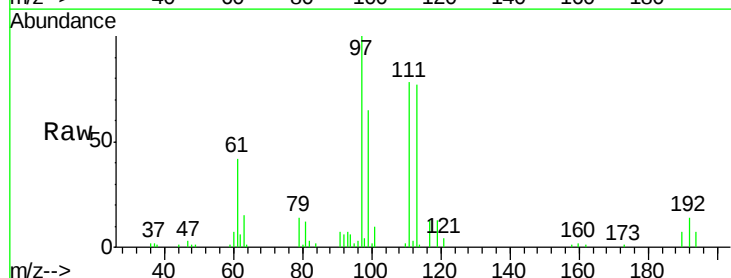


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

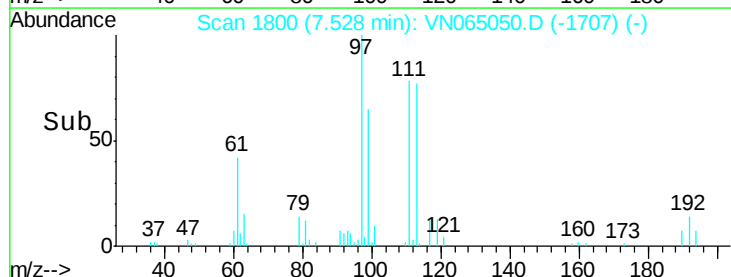
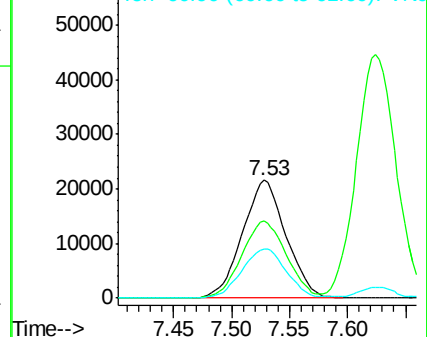


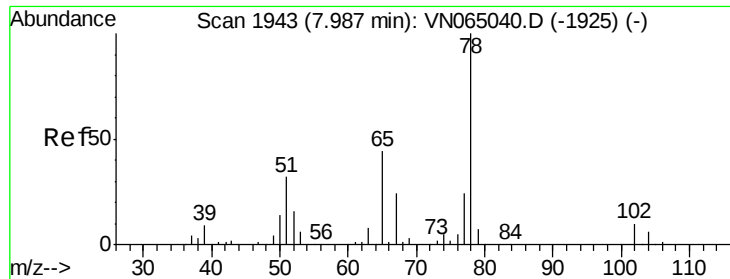
#32
1,1,1-Trichloroethane
Concen: 17.657 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 97 Resp: 56279
Ion Ratio Lower Upper
97 100
99 67.2 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: 47.476 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

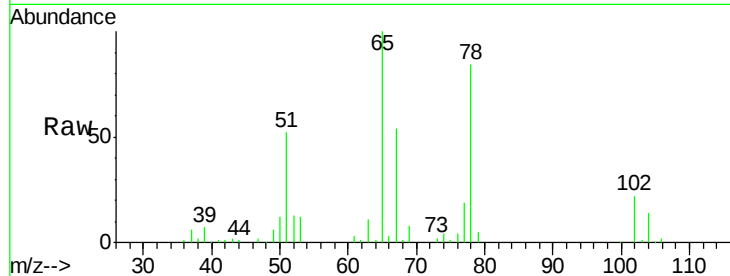
VN1210WBS01

Tgt Ion: 65 Resp: 112788

Ion Ratio Lower Upper

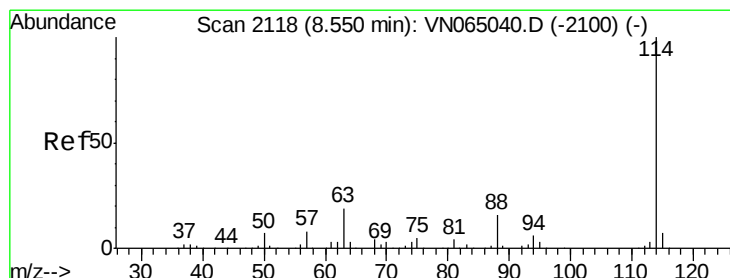
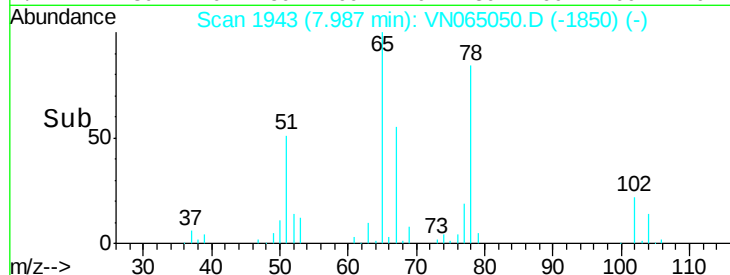
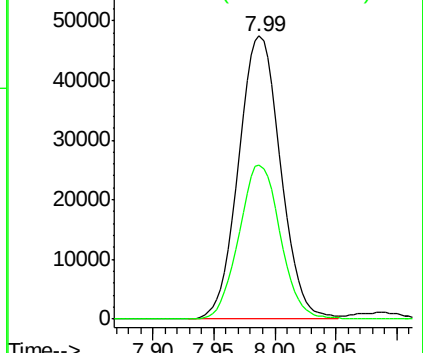
65 100

67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN065040.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN065040.D (-1925) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

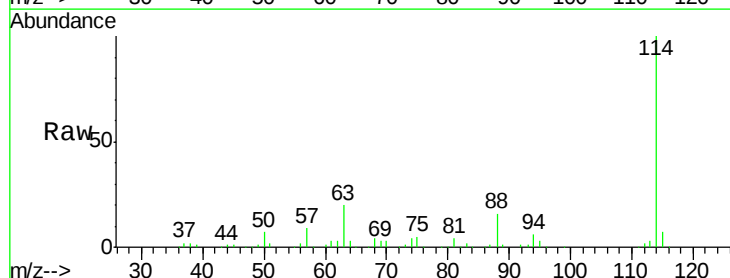
Tgt Ion: 114 Resp: 308390

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.2

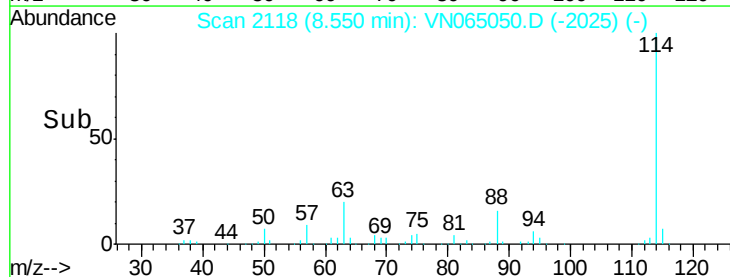
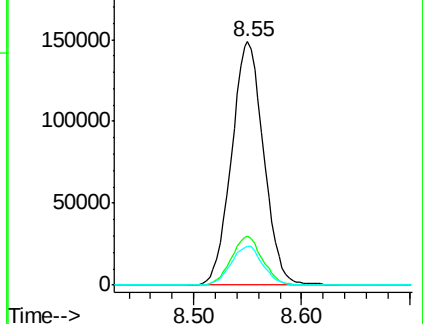
88 16.1 0.0 31.6

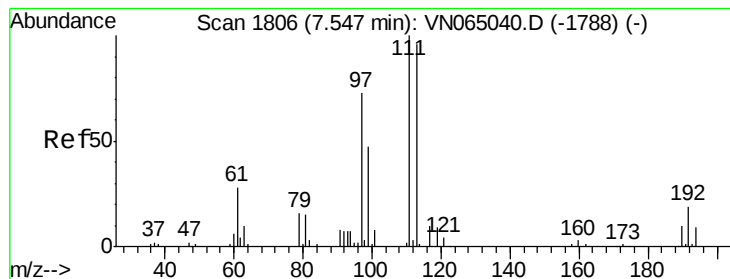


Abundance Ion 113.90 (113.60 to 114.60): VN065040.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN065040.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN065040.D (-2100) (-)





#35

Dibromofluoromethane

Concen: 48.154 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS01

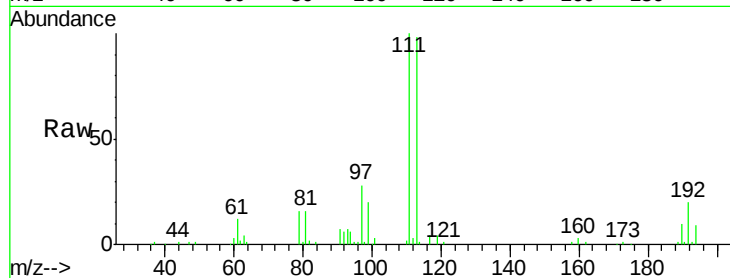
Tgt Ion:113 Resp: 98244

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

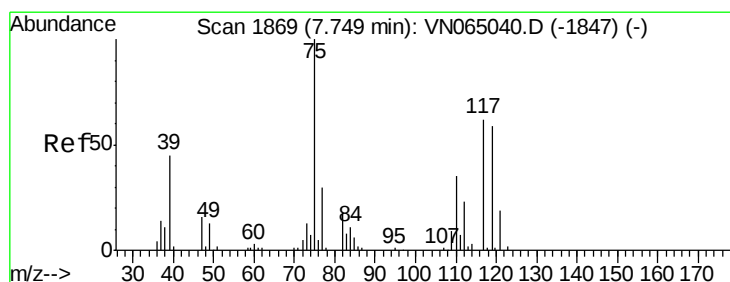
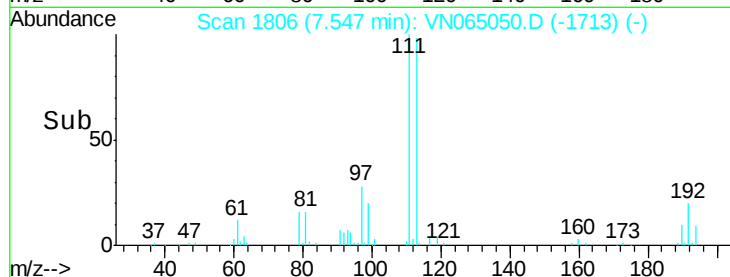
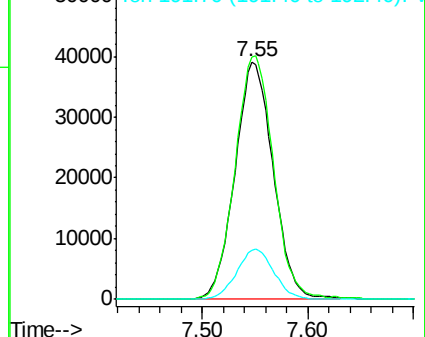
192 20.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.740 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

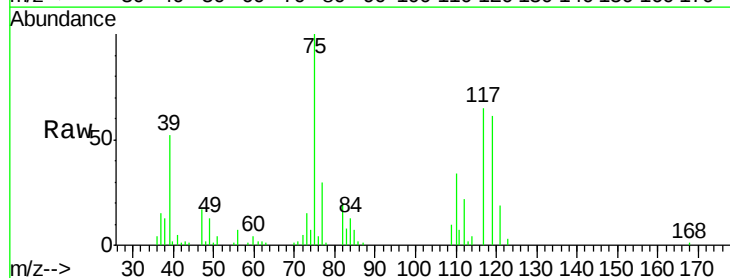
Tgt Ion: 75 Resp: 46662

Ion Ratio Lower Upper

75 100

110 35.3 18.1 54.1

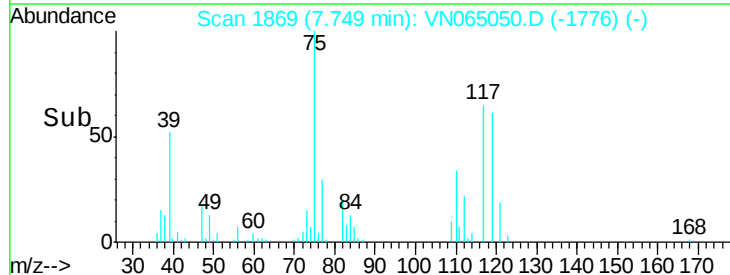
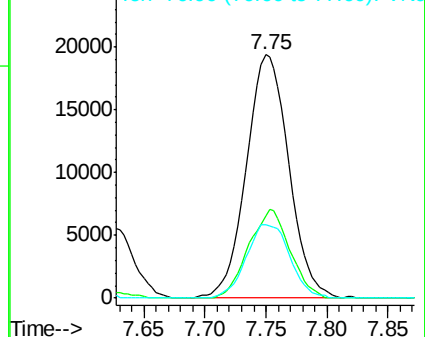
77 31.1 24.5 36.7

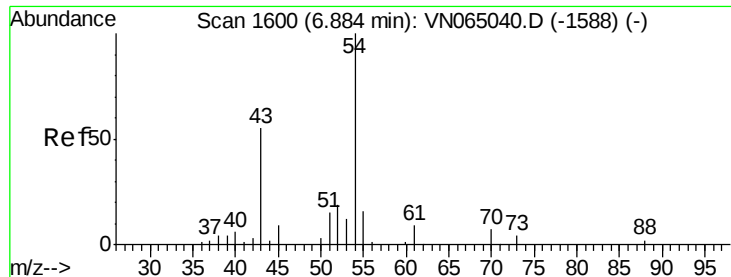


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

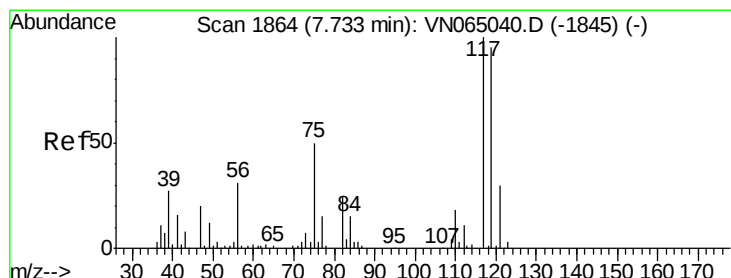
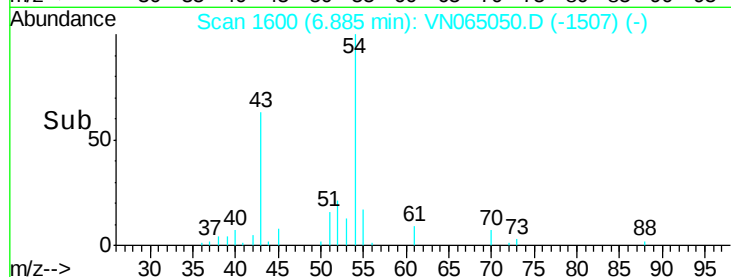
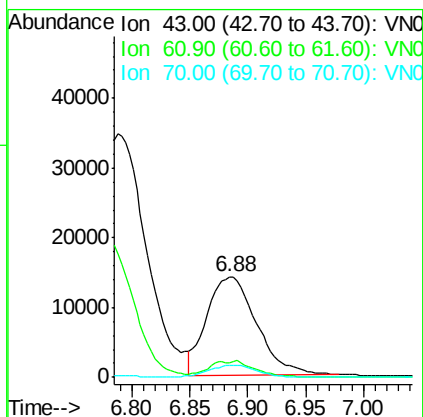
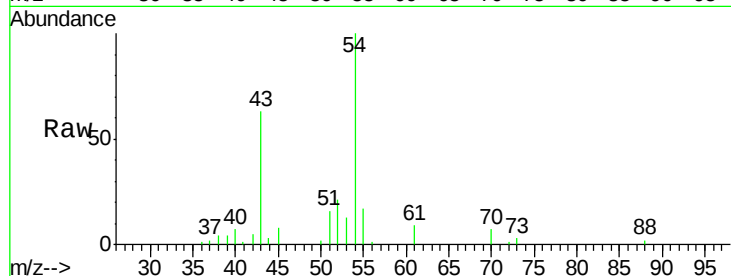




#37
Ethyl Acetate
Concen: 17.943 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

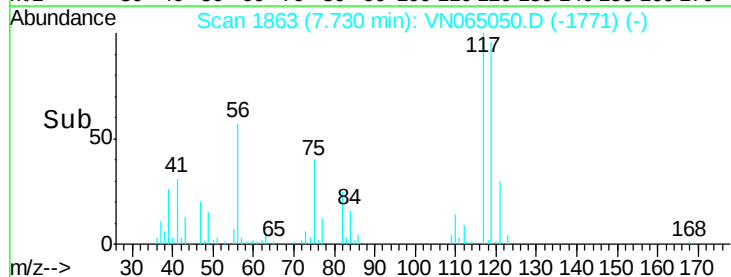
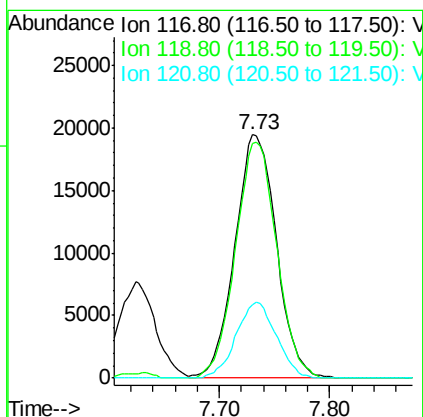
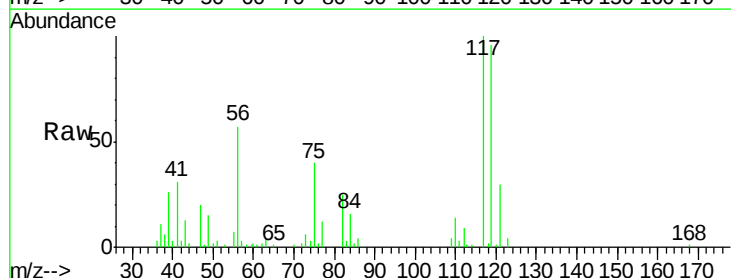
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

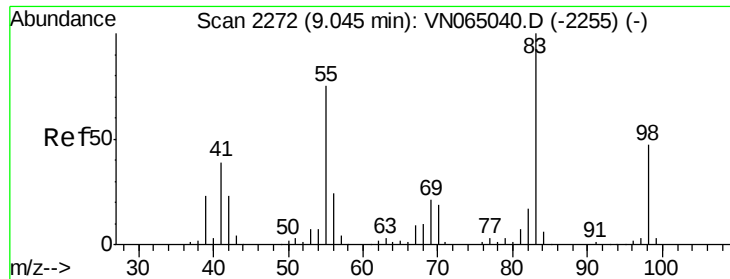
Tgt Ion: 43 Resp: 42914
Ion Ratio Lower Upper
43 100
61 4.3 11.9 17.9#
70 6.3 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 18.188 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 117 Resp: 50828
Ion Ratio Lower Upper
117 100
119 96.3 75.9 113.9
121 30.4 24.1 36.1

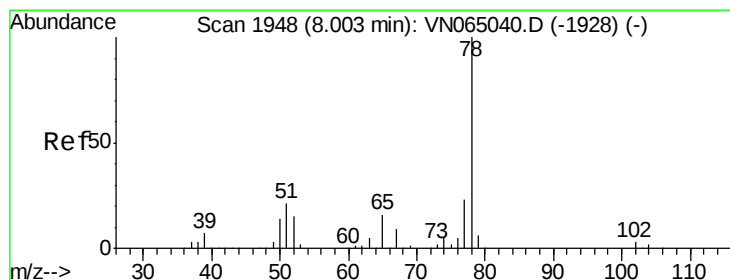
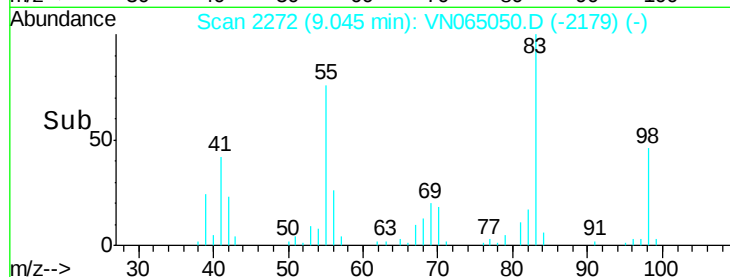
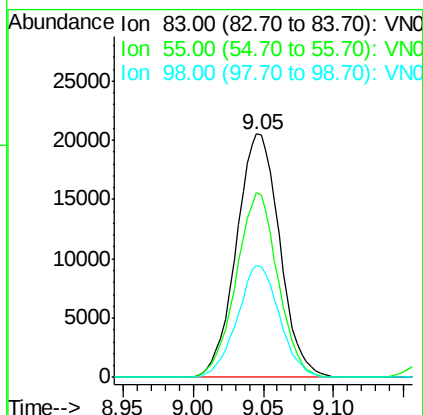
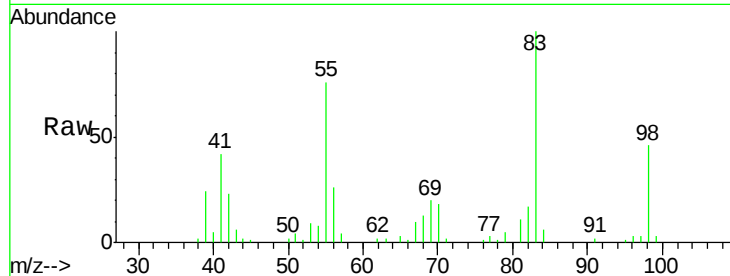




#39
Methylcyclohexane
Concen: 17.019 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

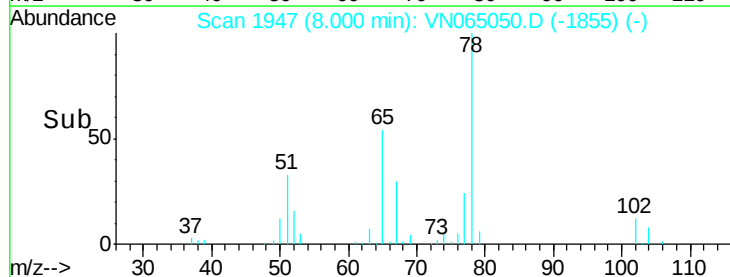
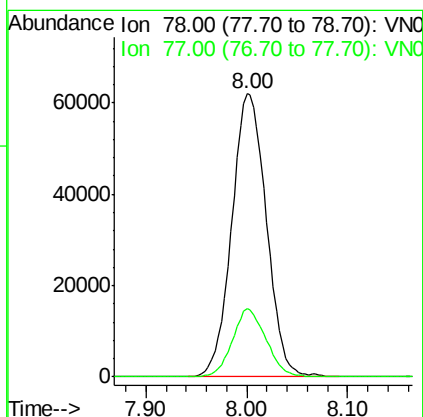
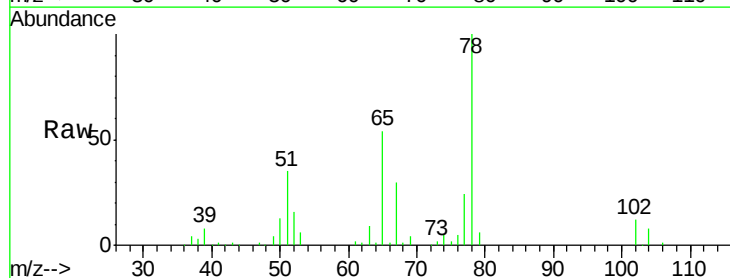
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

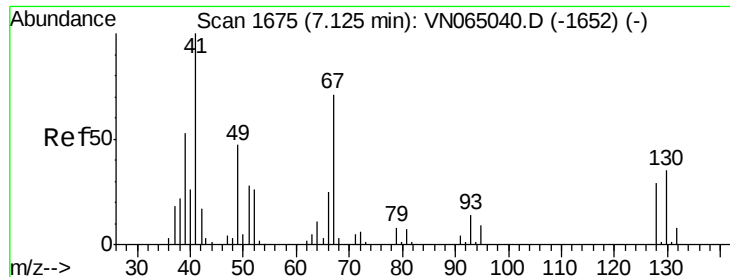
Tgt Ion: 83 Resp: 43996
Ion Ratio Lower Upper
83 100
55 75.7 60.3 90.5
98 46.1 37.4 56.0



#40
Benzene
Concen: 18.098 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 78 Resp: 147441
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

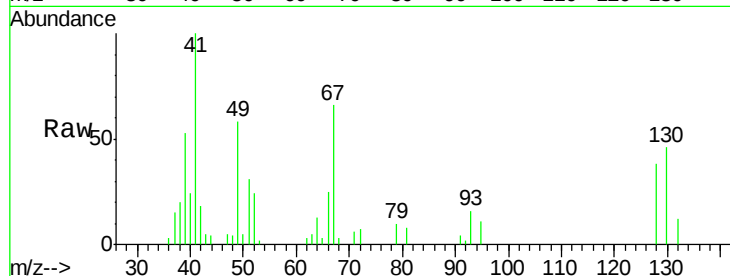




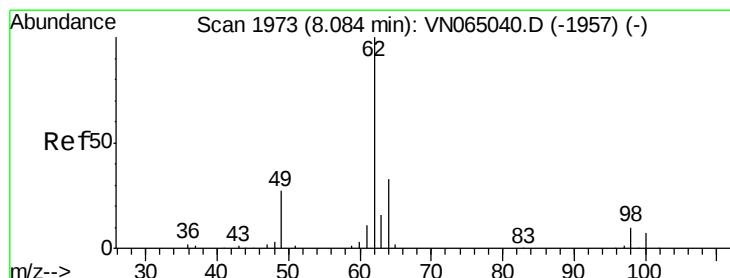
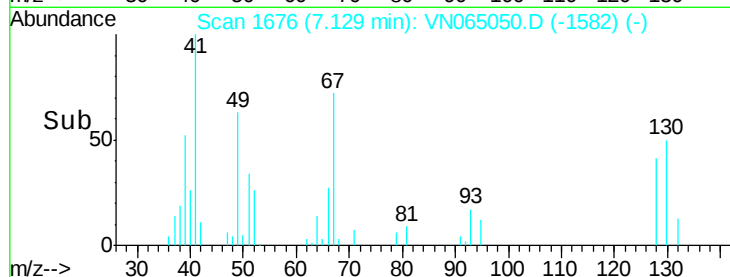
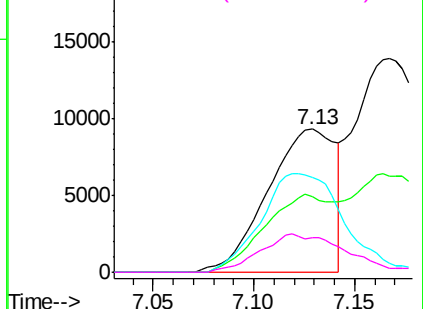
#41
Methacrylonitrile
Concen: 17.402 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Instrument :
MSVOA_N
ClientSampled :
VN1210WBS01

Tgt Ion:	41	Resp:	21626
Ion	Ratio	Lower	Upper
41	100		
39	47.8	36.0	54.0
67	84.7	64.8	97.2
52	33.6	25.4	38.2

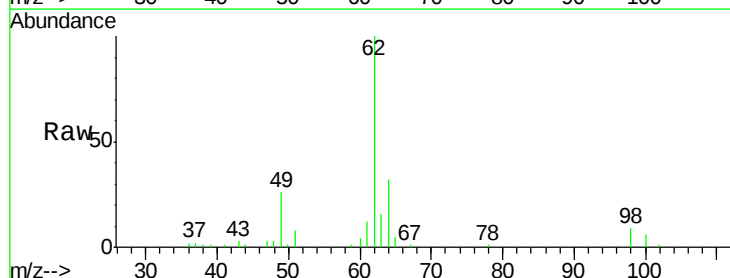


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

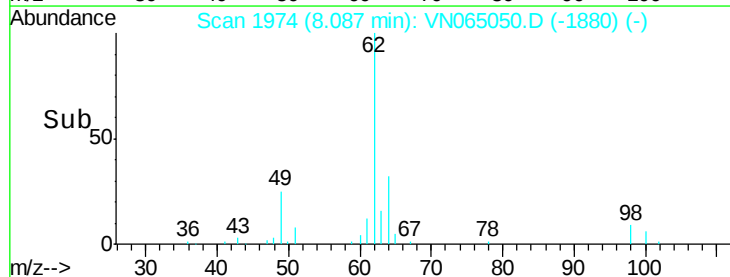
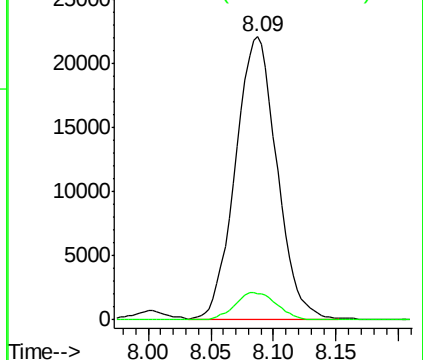


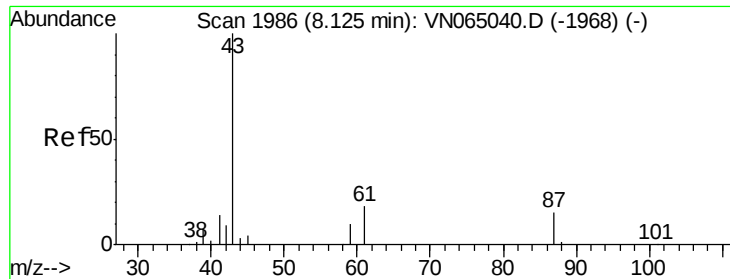
#42
1,2-Dichloroethane
Concen: 18.503 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion:	62	Resp:	51114
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

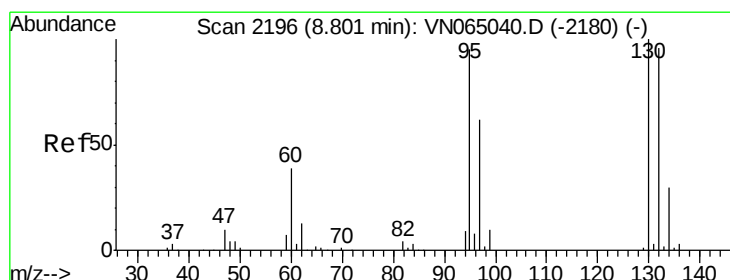
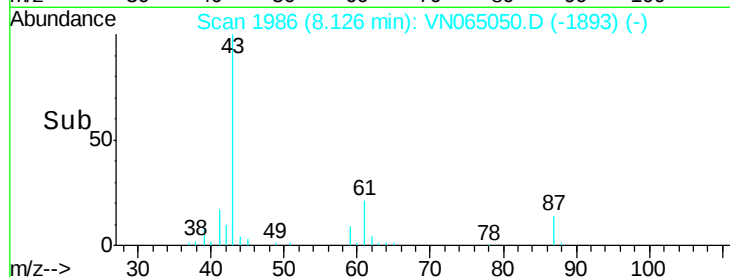
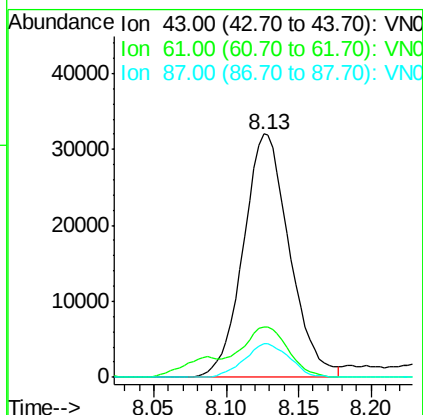
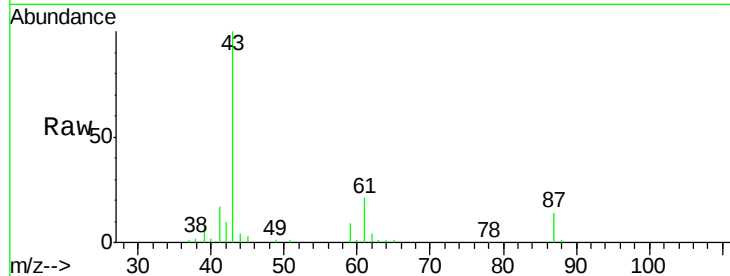




#43
Isopropyl Acetate
Concen: 17.818 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

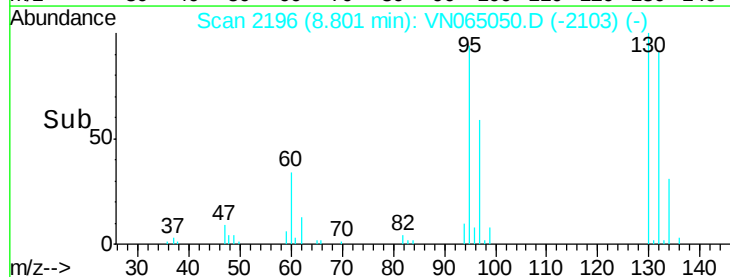
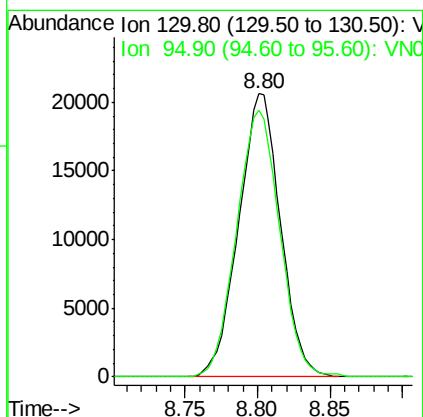
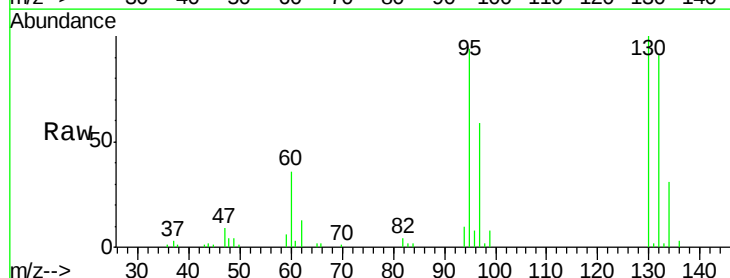
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

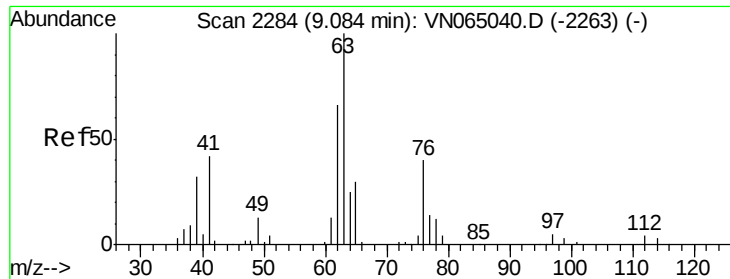
Tgt Ion: 43 Resp: 70835
Ion Ratio Lower Upper
43 100
61 20.6 16.9 25.3
87 13.4 11.4 17.2



#44
Trichloroethene
Concen: 18.118 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 130 Resp: 41226
Ion Ratio Lower Upper
130 100
95 94.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 18.271 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

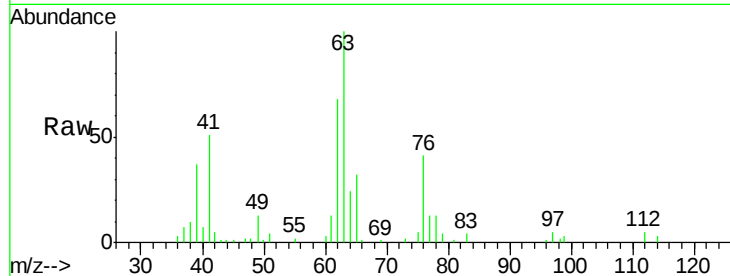
VN1210WBS01

Tgt Ion: 63 Resp: 40265

Ion Ratio Lower Upper

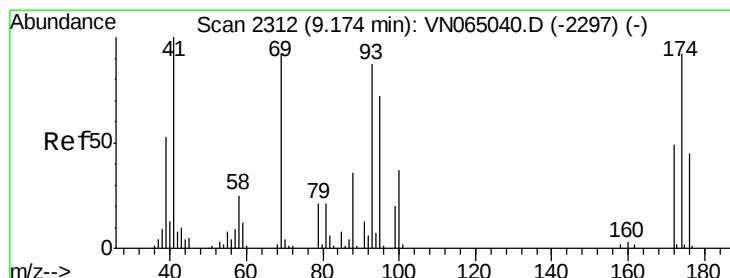
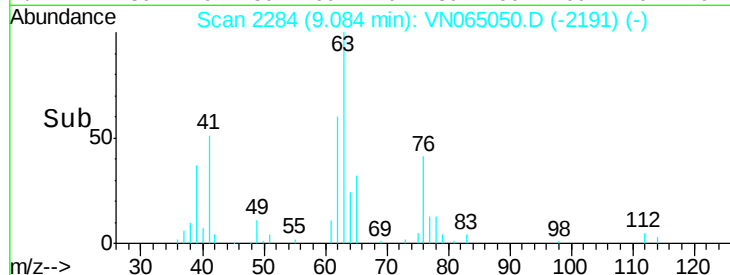
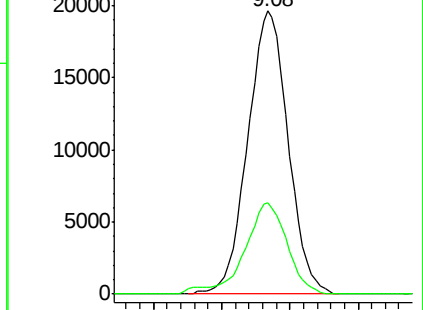
63 100

65 32.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN065050.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN065050.D (-2191) (-)



#46

Dibromomethane

Concen: 18.410 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

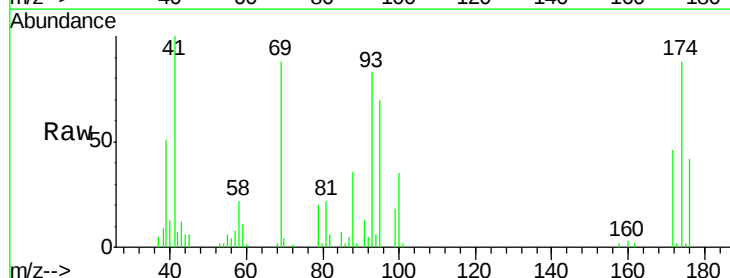
Tgt Ion: 93 Resp: 26283

Ion Ratio Lower Upper

93 100

95 81.2 65.7 98.5

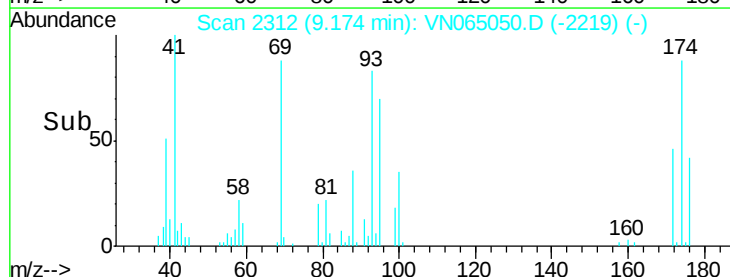
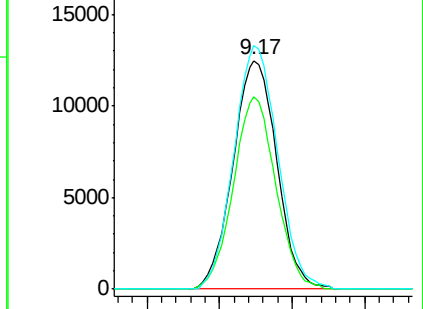
174 106.7 83.0 124.4

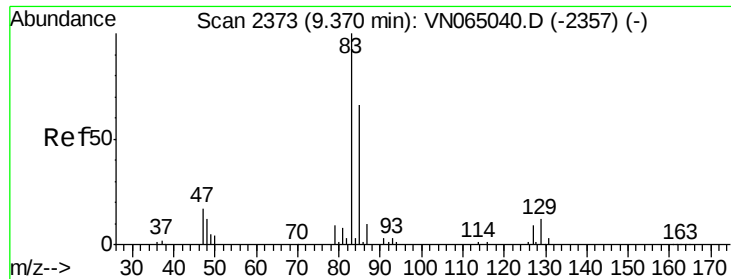


Abundance Ion 92.80 (92.50 to 93.50): VN065050.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN065050.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN065050.D (-2219) (-)





#47

Bromodichloromethane

Concen: 18.216 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

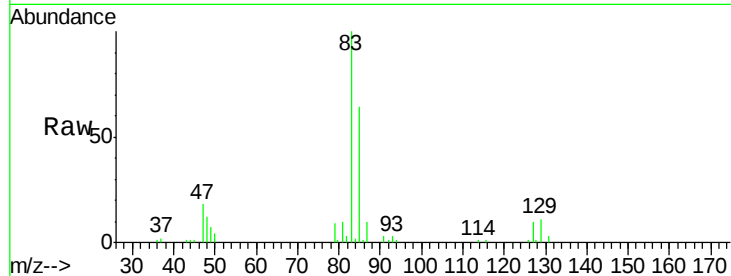
Tgt Ion: 83 Resp: 53268

Ion Ratio Lower Upper

83 100

85 63.6 52.5 78.7

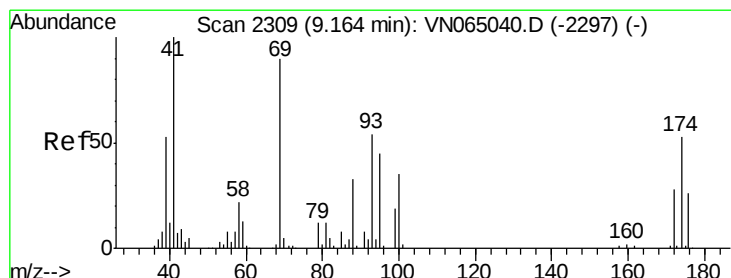
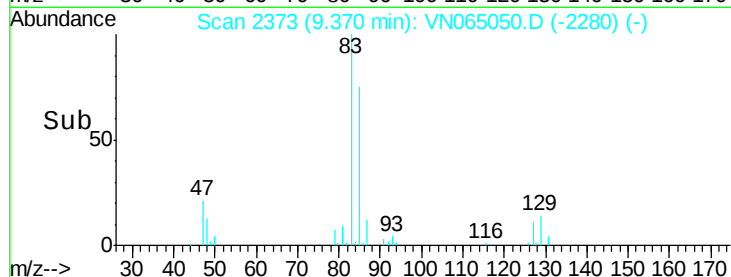
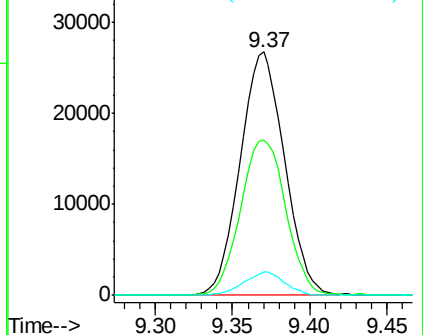
127 9.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN065050.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN065050.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN065050.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.631 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

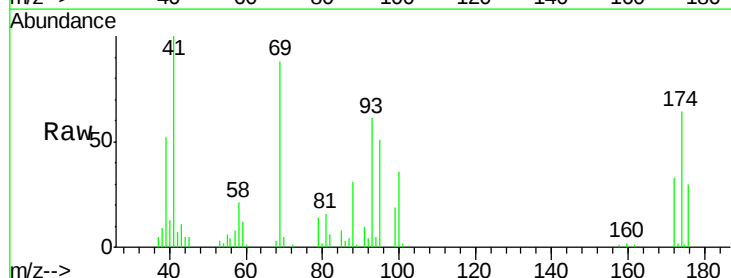
Tgt Ion: 41 Resp: 35161

Ion Ratio Lower Upper

41 100

69 87.3 72.1 108.1

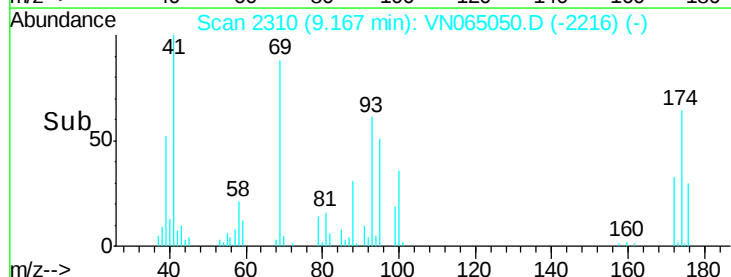
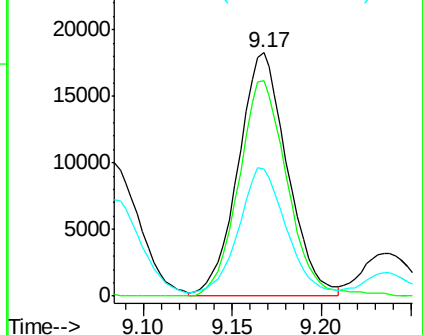
39 52.0 43.8 65.6

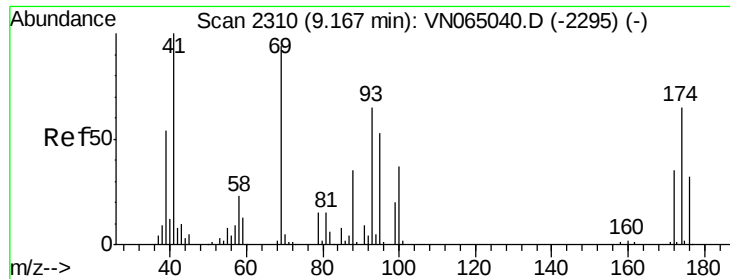


Abundance Ion 41.00 (40.70 to 41.70): VN065050.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN065050.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN065050.D (-2216) (-)

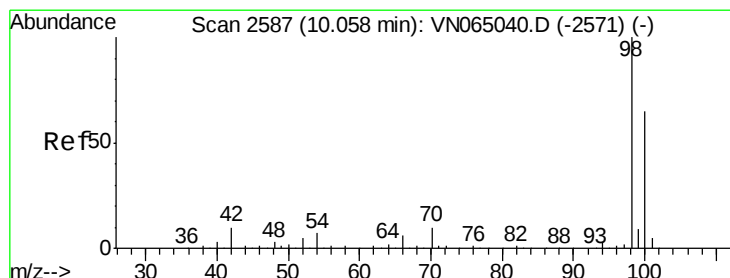
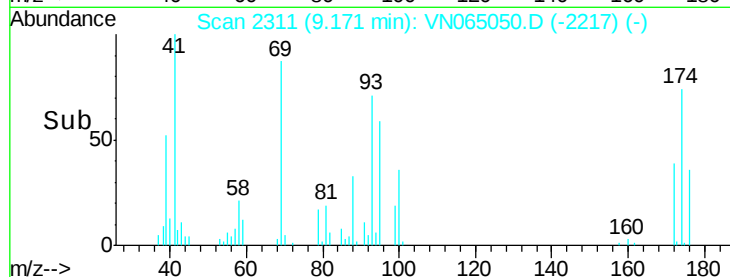
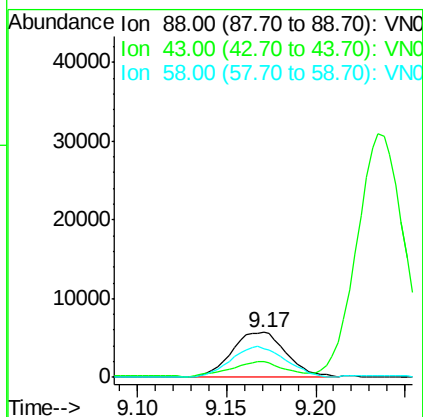
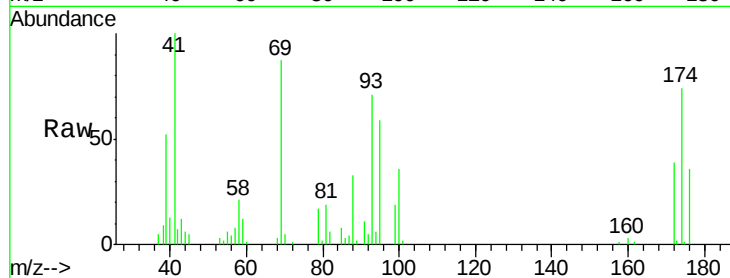




#49
1,4-Dioxane
Concen: 359.703 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

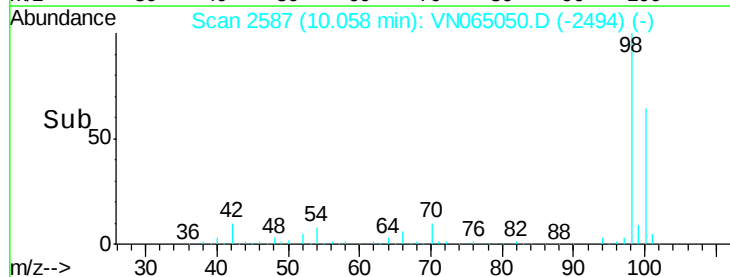
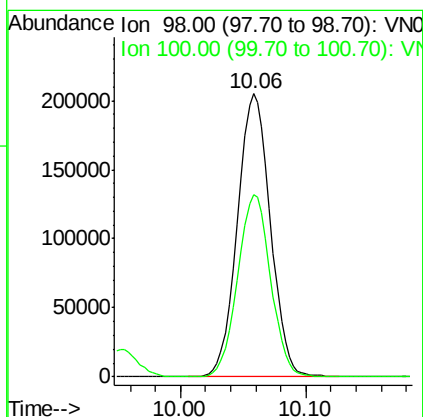
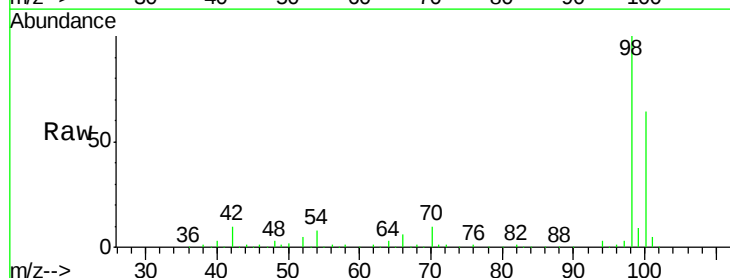
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

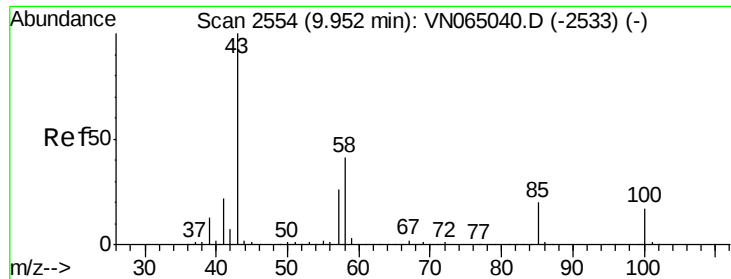
Tgt Ion: 88 Resp: 12257
Ion Ratio Lower Upper
88 100
43 35.7 21.1 31.7#
58 67.5 53.8 80.8



#50
Toluene-d8
Concen: 47.837 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 98 Resp: 374428
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 93.566 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampled :

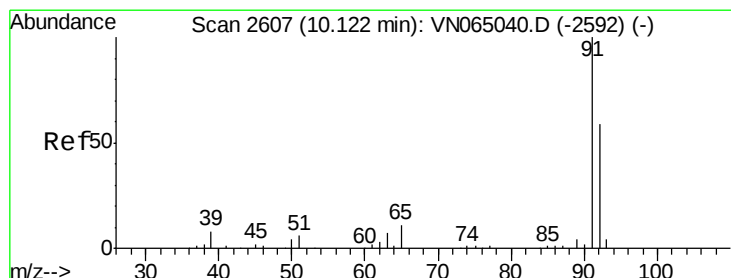
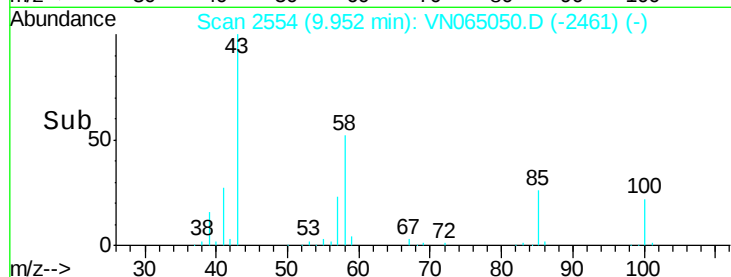
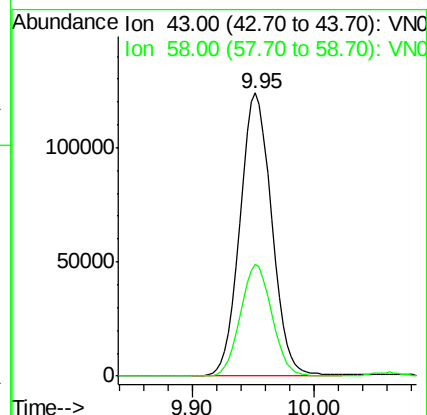
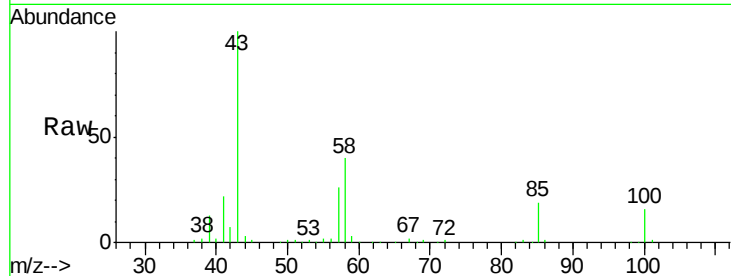
VN1210WBS01

Tgt Ion: 43 Resp: 222382

Ion Ratio Lower Upper

43 100

58 39.5 32.4 48.6



#52

Toluene

Concen: 18.491 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN065050.D

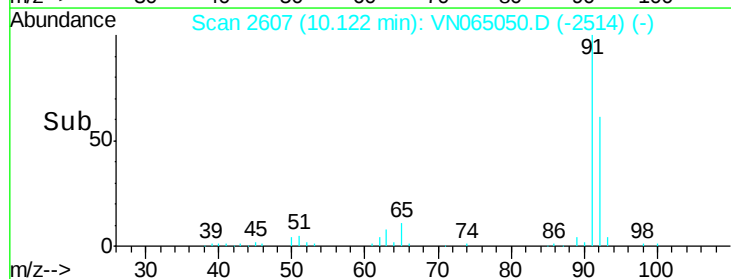
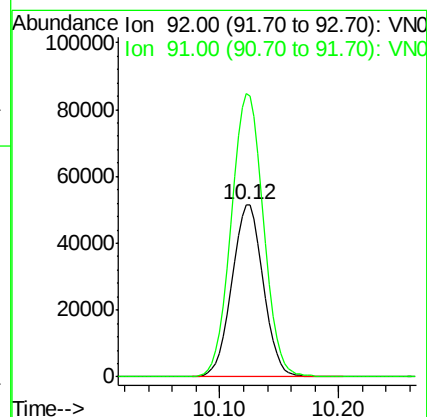
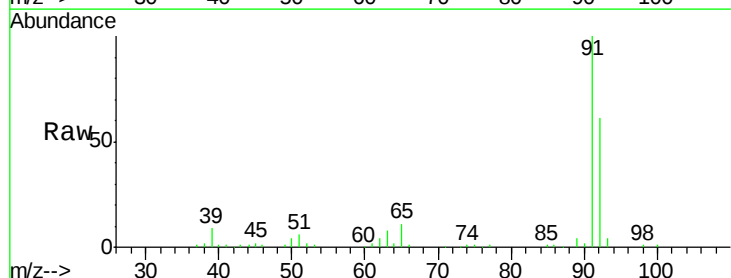
Acq: 10 Dec 2020 18:31

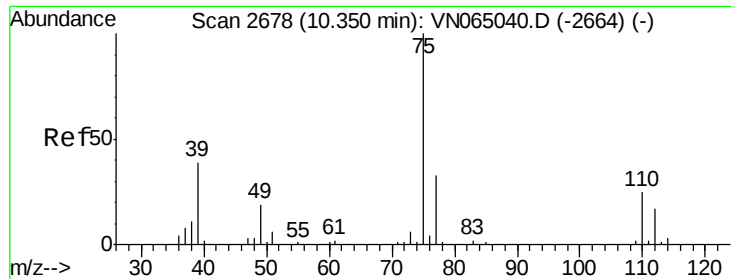
Tgt Ion: 92 Resp: 94402

Ion Ratio Lower Upper

92 100

91 169.1 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 17.894 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

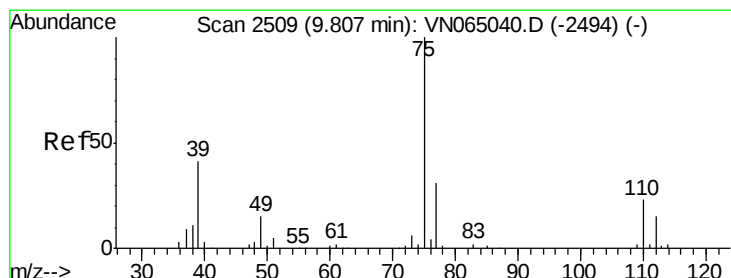
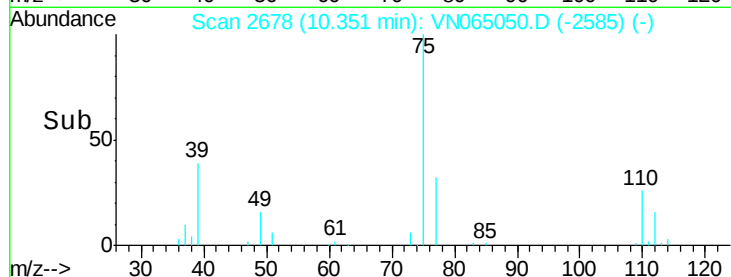
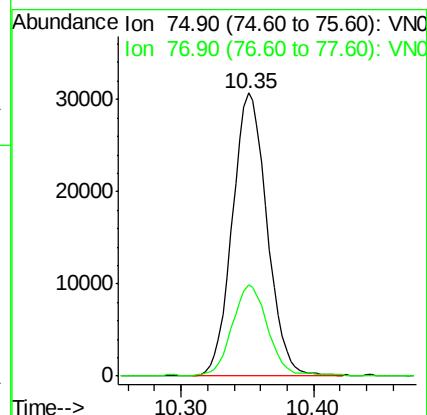
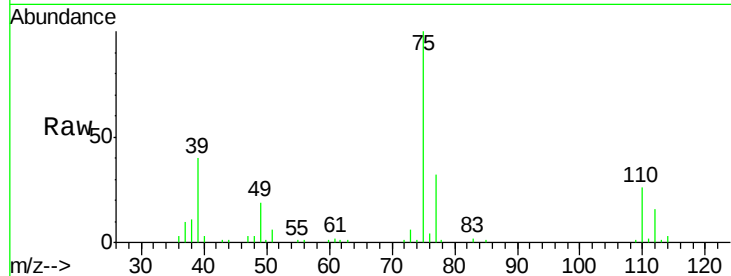
VN1210WBS01

Tgt Ion: 75 Resp: 55767

Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 17.756 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

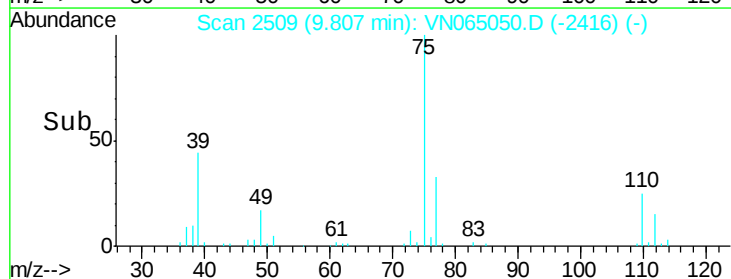
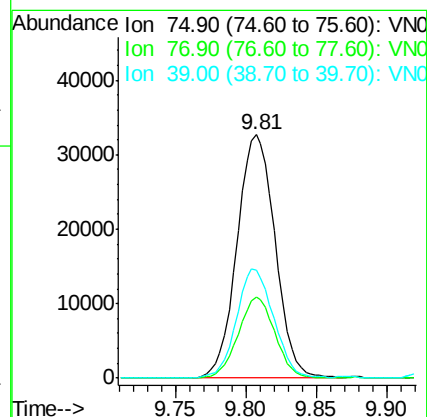
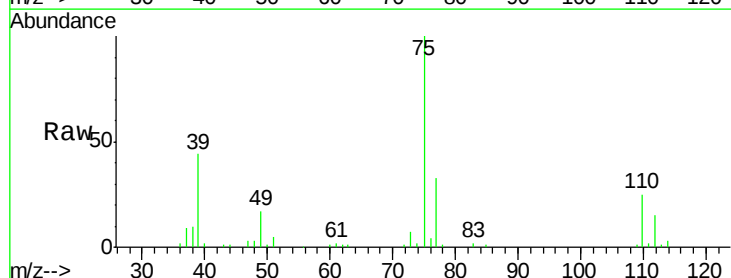
Tgt Ion: 75 Resp: 61896

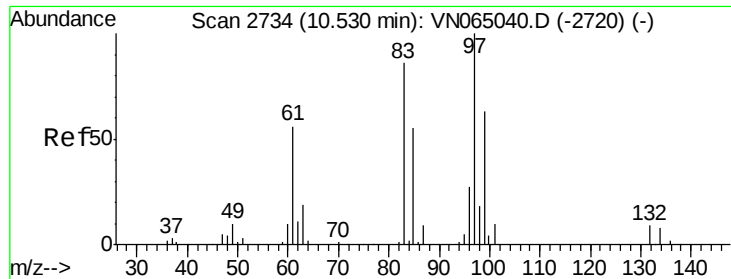
Ion Ratio Lower Upper

75 100

77 33.2 24.8 37.2

39 44.3 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 17.988 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 97 Resp: 38023

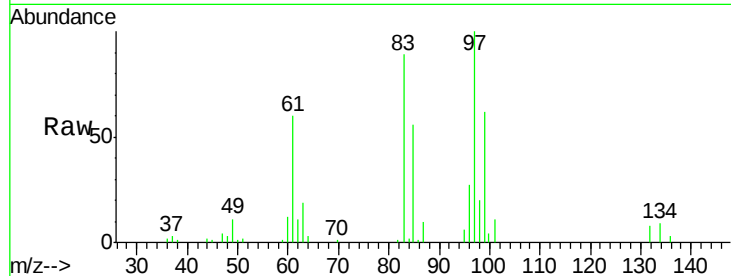
Ion Ratio Lower Upper

97 100

83 88.8 69.0 103.6

85 56.4 43.6 65.4

99 62.2 50.1 75.1

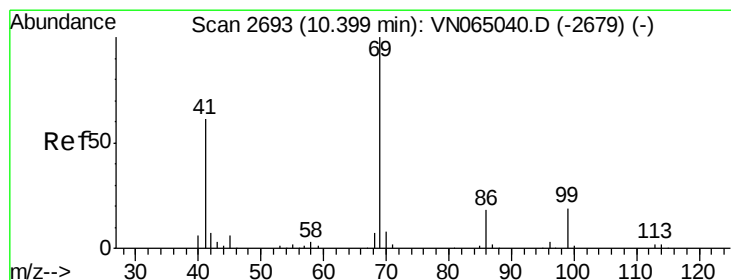
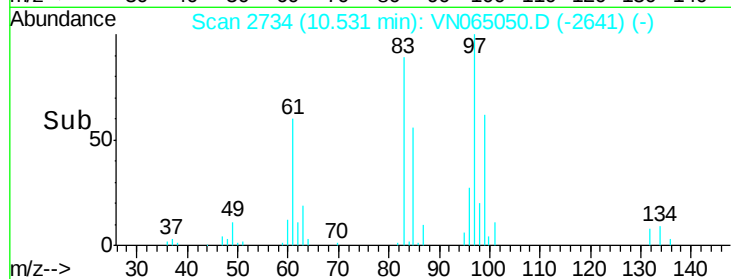
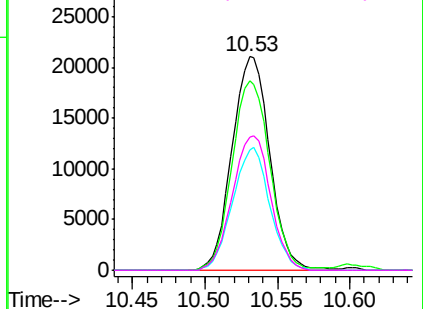


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.564 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

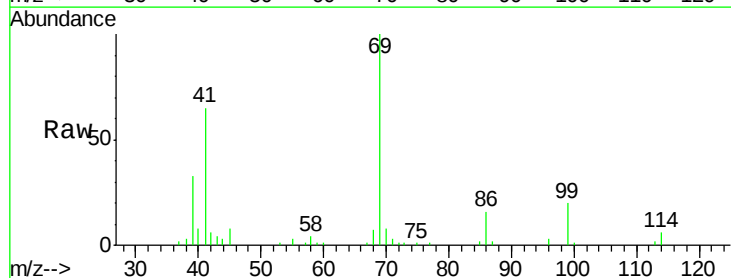
Tgt Ion: 69 Resp: 49027

Ion Ratio Lower Upper

69 100

41 63.8 48.2 72.2

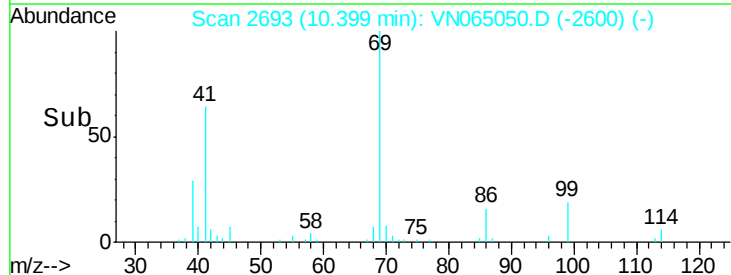
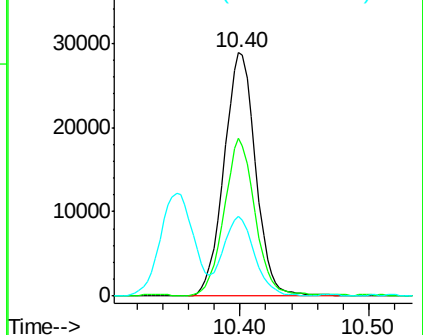
39 32.6 24.7 37.1

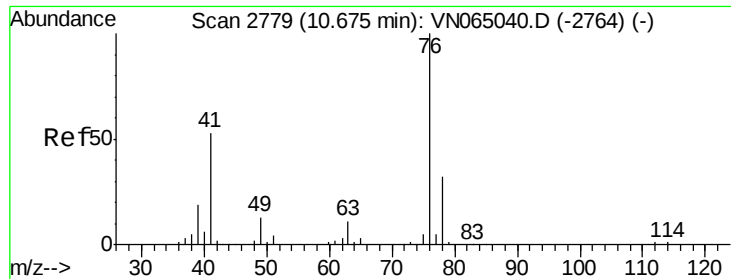


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

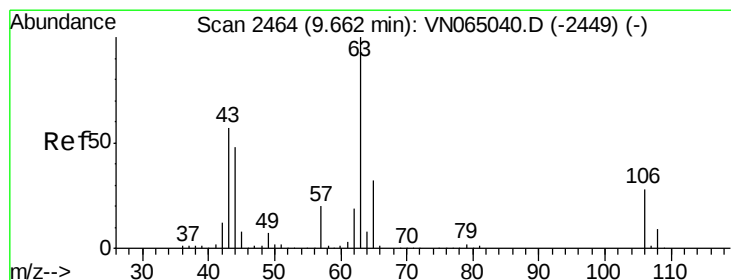
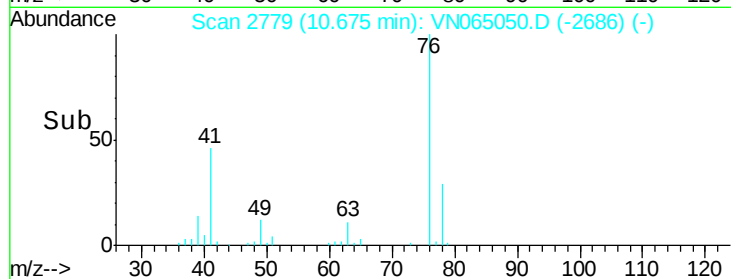
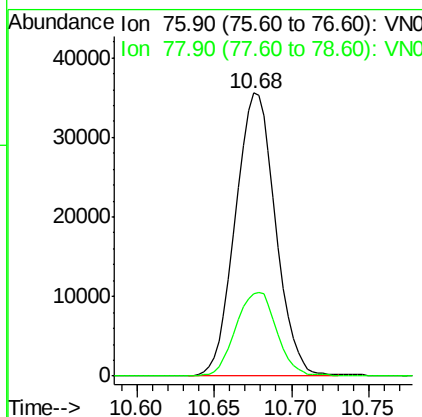
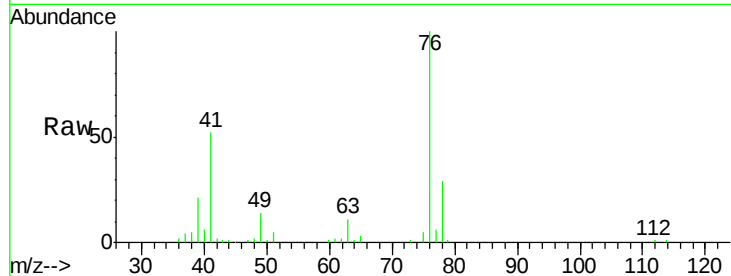




#57
 1,3-Dichloropropane
 Concen: 18.497 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

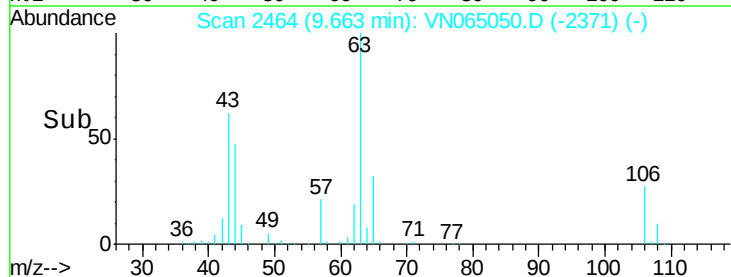
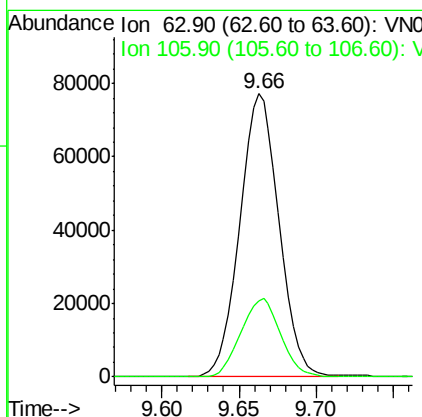
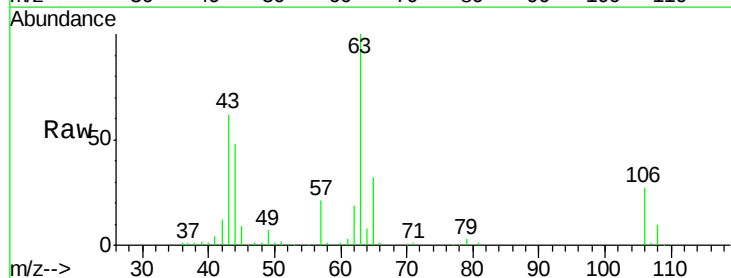
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

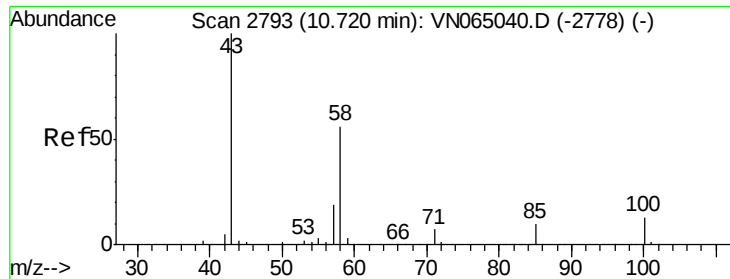
Tgt Ion: 76 Resp: 64325
 Ion Ratio Lower Upper
 76 100
 78 30.2 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.449 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

Tgt Ion: 63 Resp: 136029
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.6 33.8





#59

2-Hexanone

Concen: 89.888 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

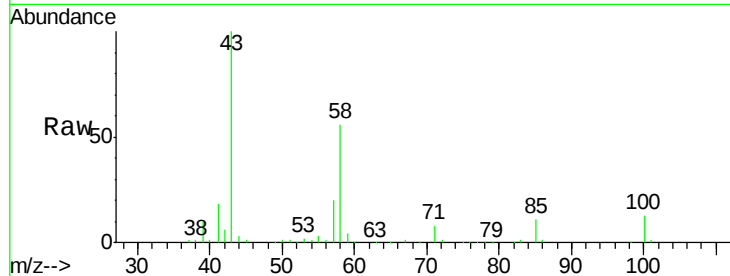
VN1210WBS01

Tgt Ion: 43 Resp: 153914

Ion Ratio Lower Upper

43 100

58 54.2 28.3 84.9



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-2778) (-)

10.72

80000

60000

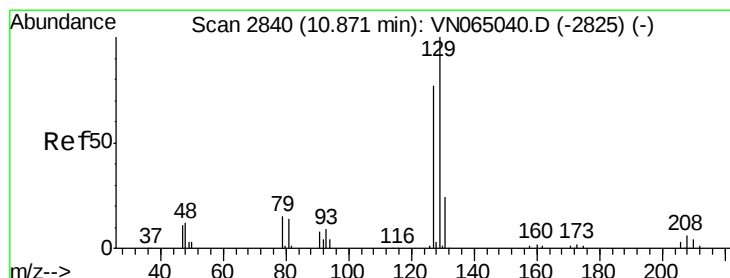
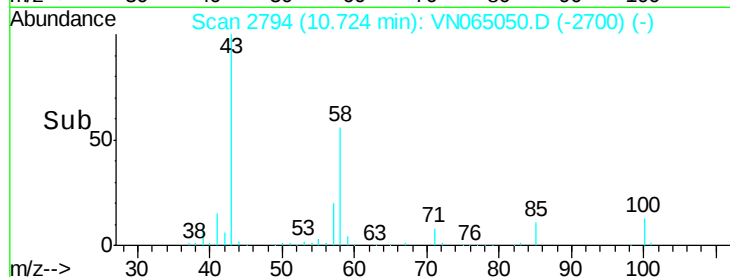
40000

20000

0

10.70 10.80

Time-->



#60

Dibromochloromethane

Concen: 17.869 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN065050.D

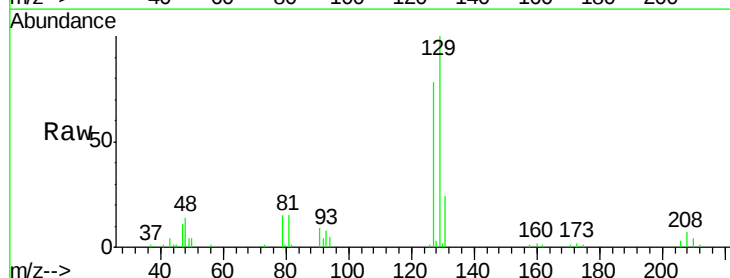
Acq: 10 Dec 2020 18:31

Tgt Ion: 129 Resp: 42974

Ion Ratio Lower Upper

129 100

127 77.4 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): VN065040.D (-2825) (-)

Ion 126.80 (126.50 to 127.50): VN065040.D (-2825) (-)

10.87

25000

20000

15000

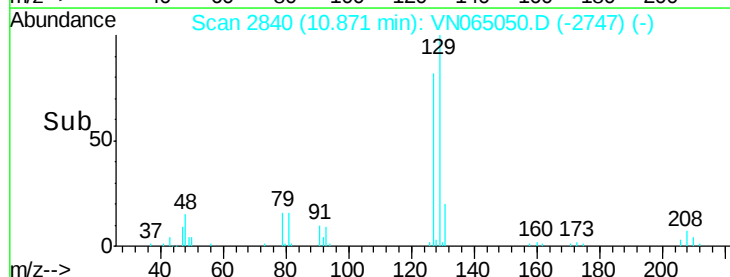
10000

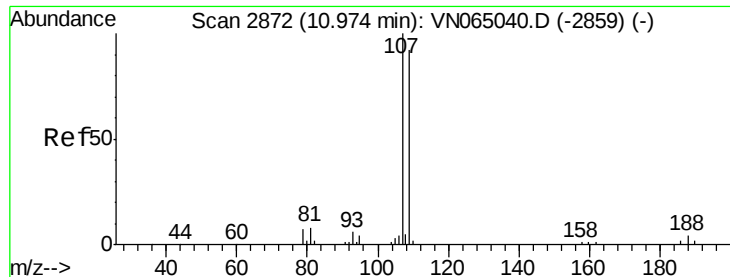
5000

0

10.80 10.85 10.90 10.95

Time-->





#61

1,2-Dibromoethane

Concen: 17.634 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

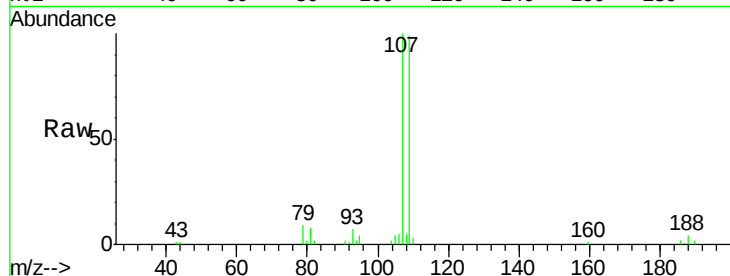
VN1210WBS01

Tgt Ion: 107 Resp: 37312

Ion Ratio Lower Upper

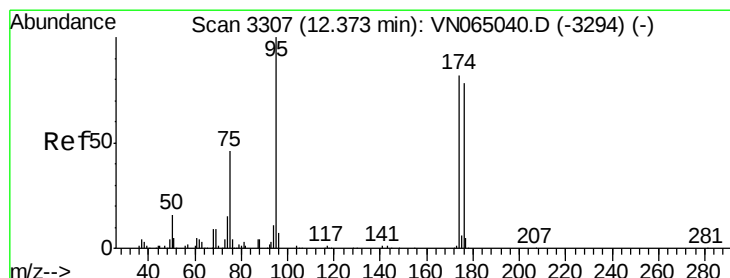
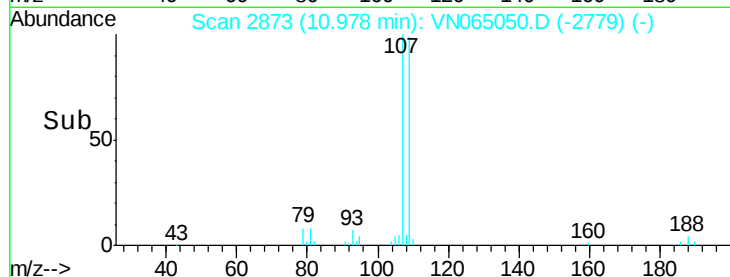
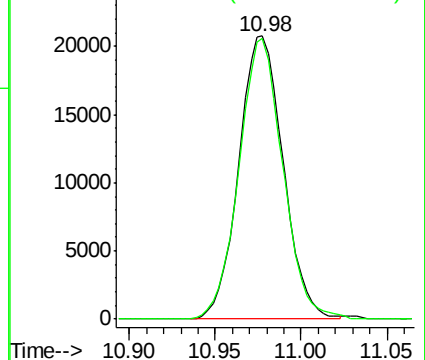
107 100

109 97.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.973 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

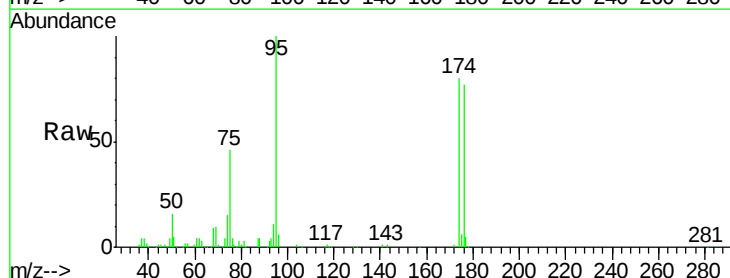
Tgt Ion: 95 Resp: 128701

Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.8

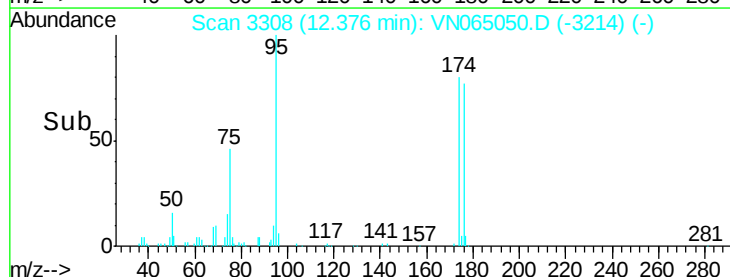
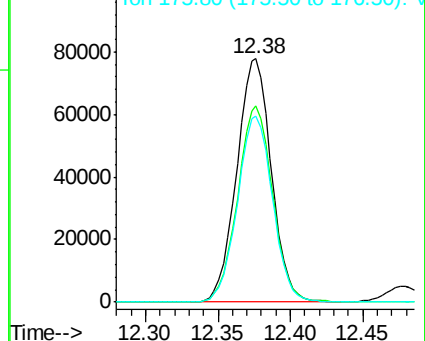
176 77.6 0.0 158.8

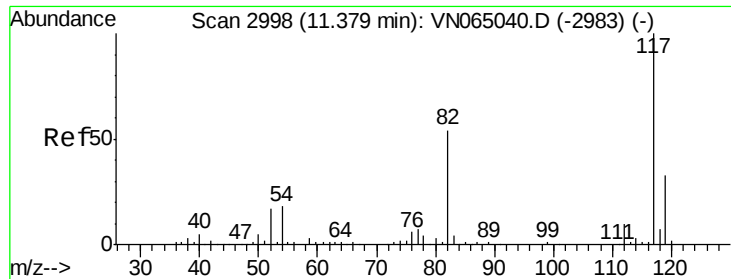


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

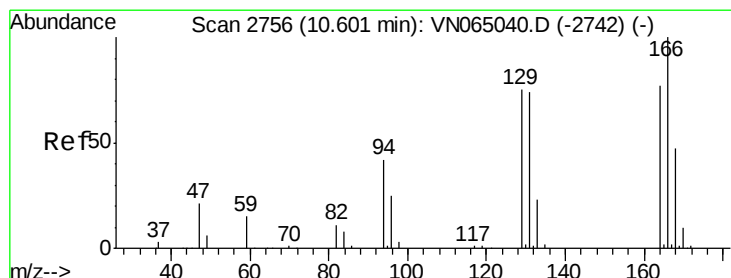
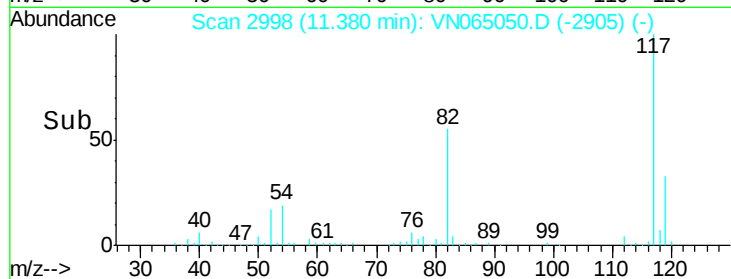
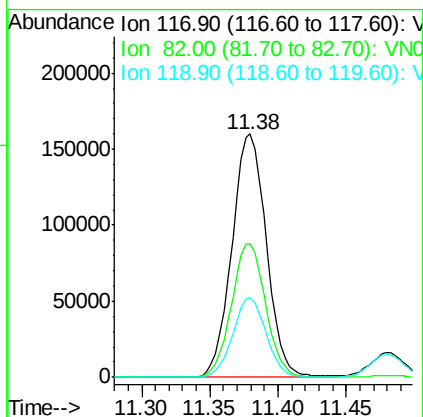
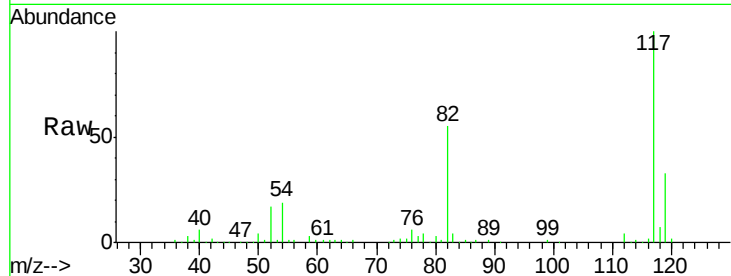




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

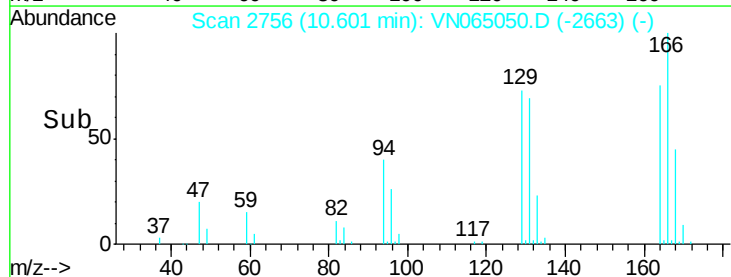
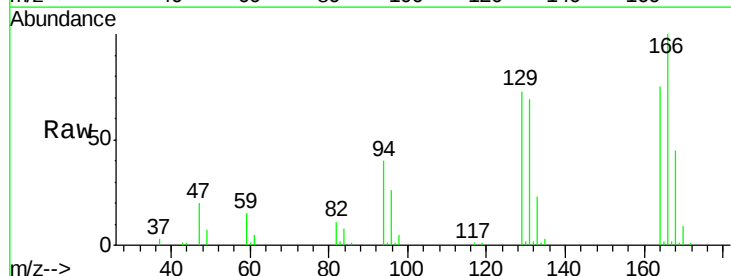
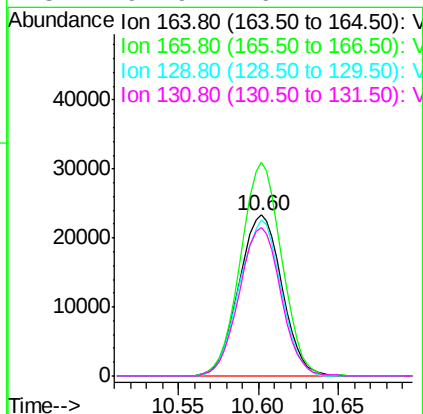
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

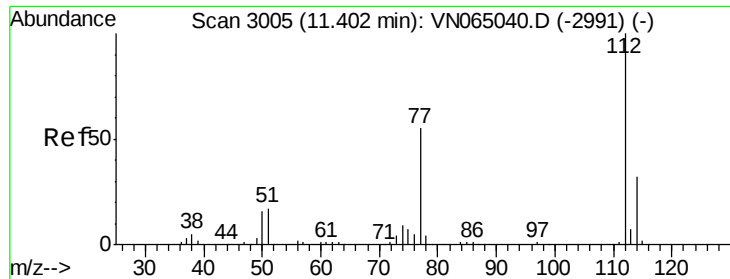
Tgt Ion:117 Resp: 280481
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 32.8 26.4 39.6



#64
Tetrachloroethene
Concen: 17.969 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion:164 Resp: 42824
Ion Ratio Lower Upper
164 100
166 132.7 103.3 154.9
129 96.9 77.0 115.4
131 91.9 76.1 114.1

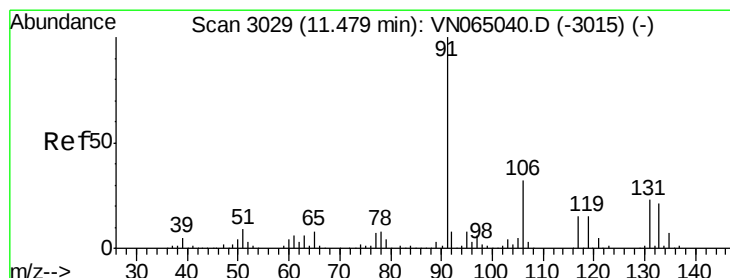
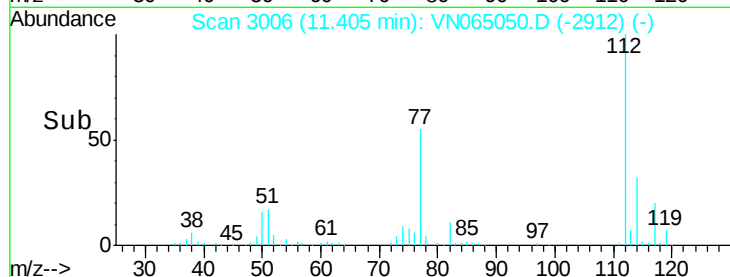
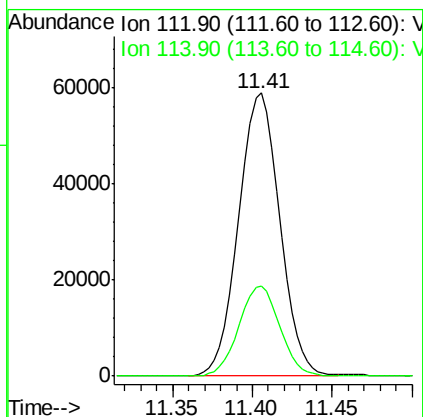
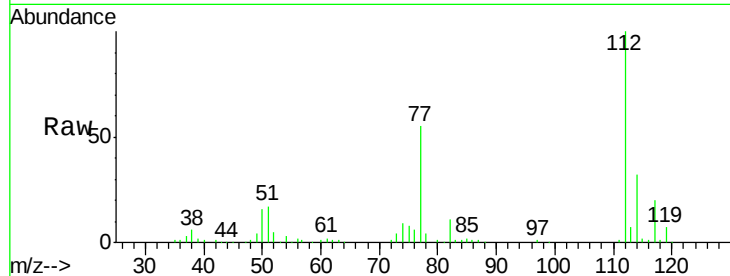




#65
Chlorobenzene
Concen: 18.068 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

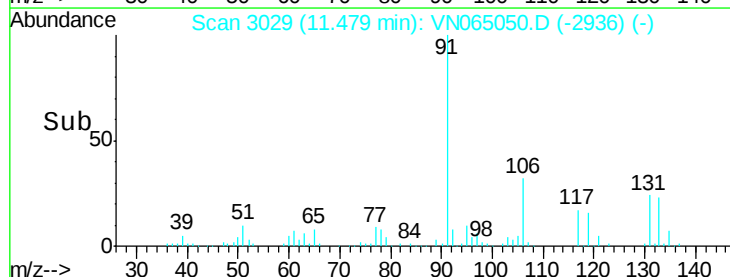
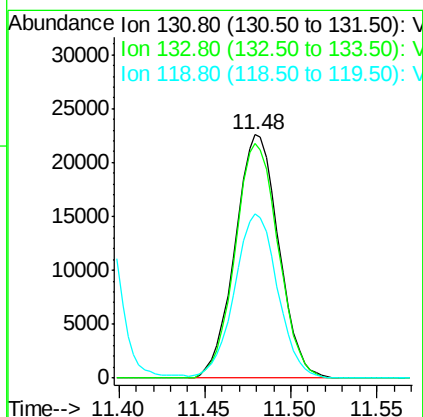
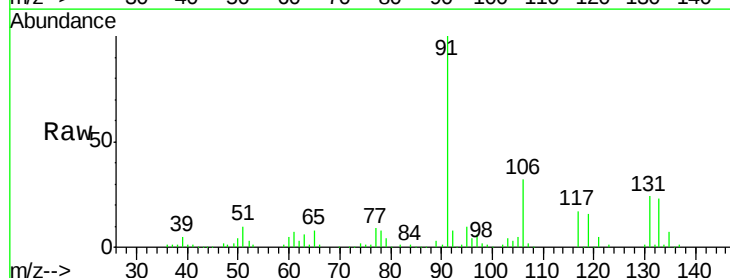
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

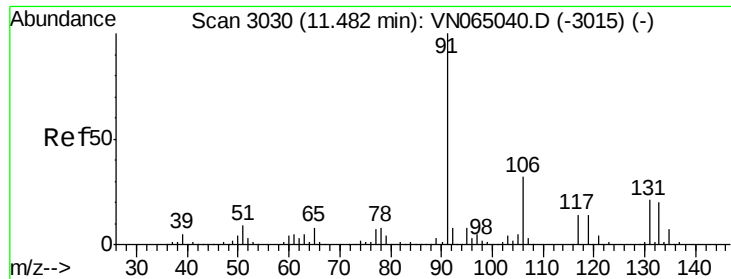
Tgt Ion:112 Resp: 103797
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.038 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion:131 Resp: 39833
Ion Ratio Lower Upper
131 100
133 95.5 48.7 146.1
119 66.8 33.2 99.6

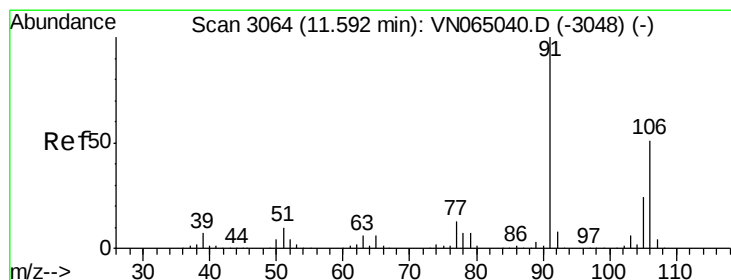
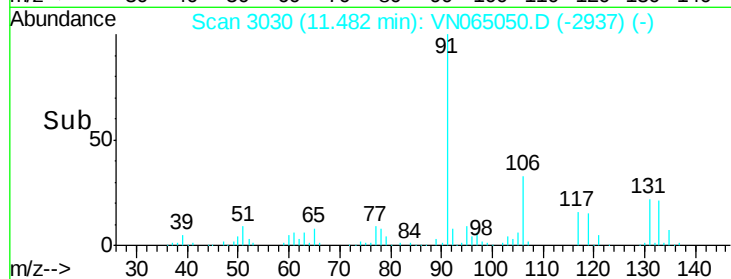
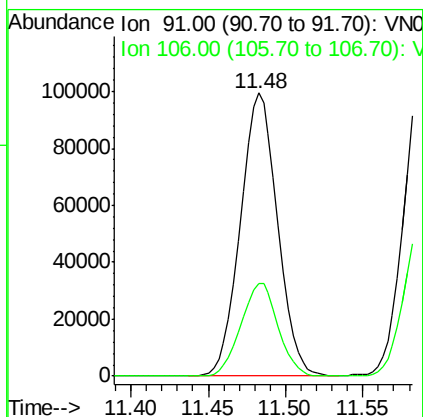
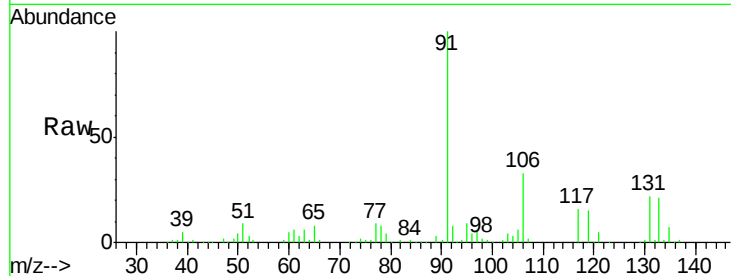




#67
Ethyl Benzene
Concen: 17.295 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

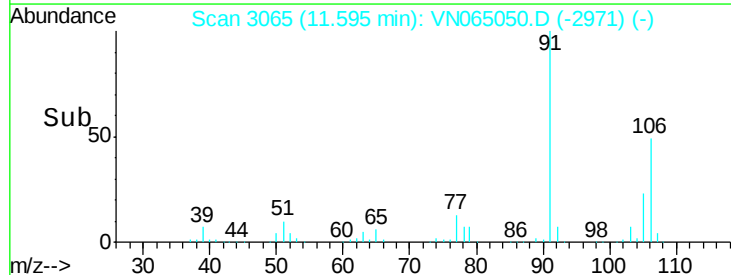
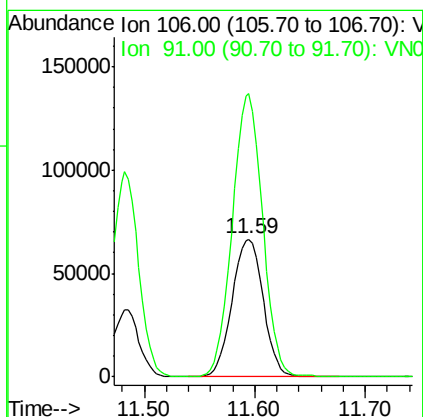
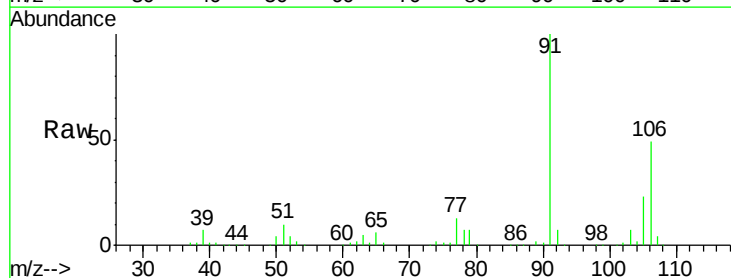
Instrument :
MSVOA_N
ClientSampled :
VN1210WBS01

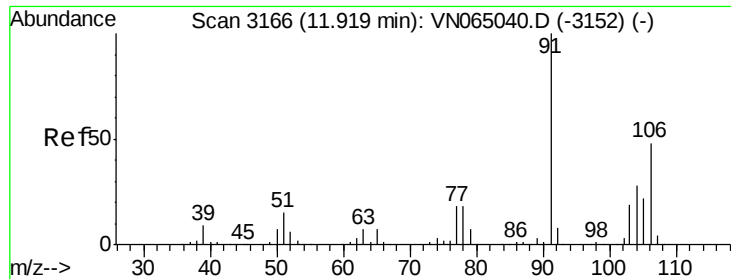
Tgt Ion: 91 Resp: 165769
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5



#68
m/p-Xylenes
Concen: 35.169 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion: 106 Resp: 130643
Ion Ratio Lower Upper
106 100
91 200.3 157.0 235.6

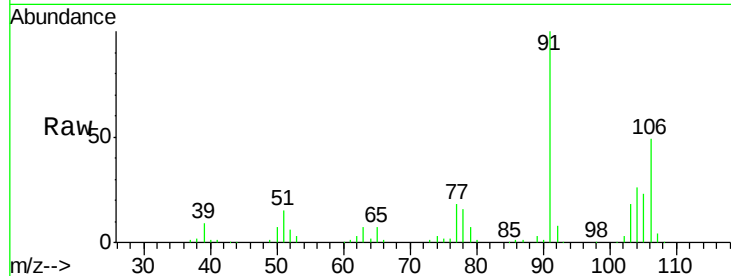




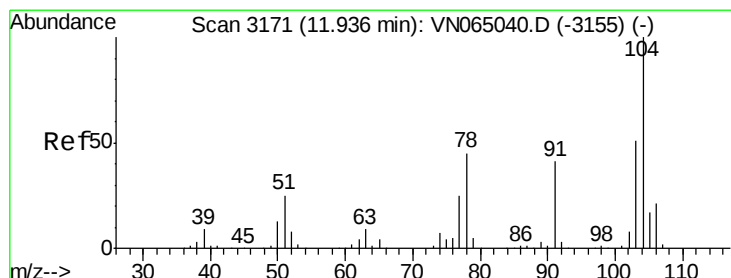
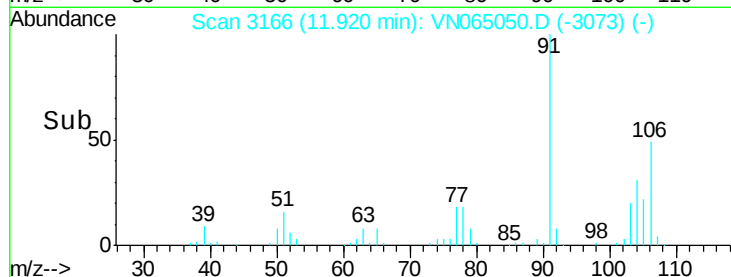
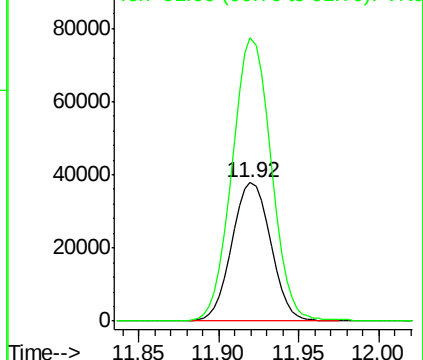
#69
o-Xylene
Concen: 17.716 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:106 Resp: 62808
Ion Ratio Lower Upper
106 100
91 205.6 104.1 312.3

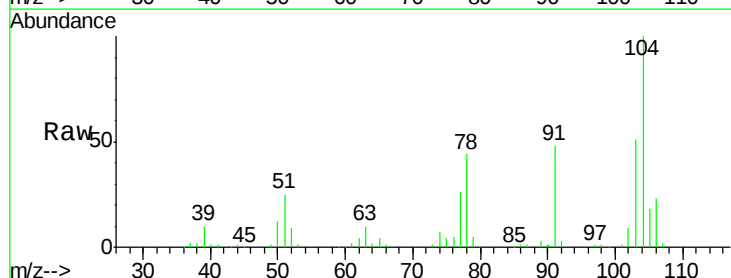


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

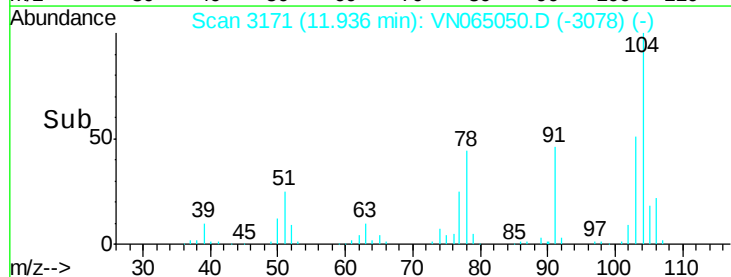
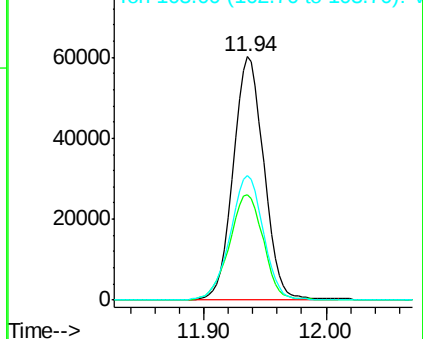


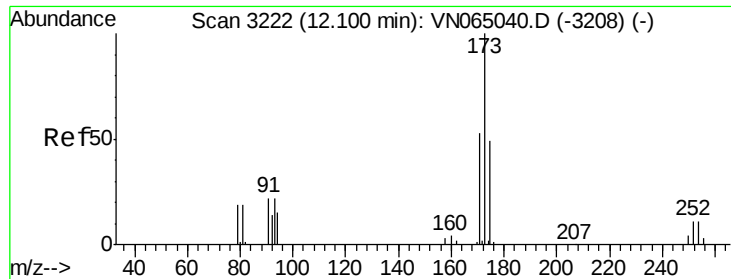
#70
Styrene
Concen: 17.583 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion:104 Resp: 105430
Ion Ratio Lower Upper
104 100
78 48.1 38.7 58.1
103 55.3 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: 17.609 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

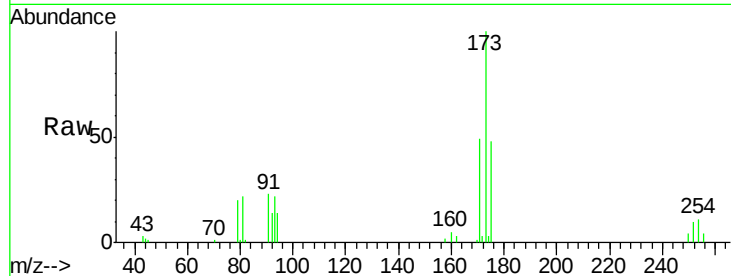
Tgt Ion:173 Resp: 29535

Ion Ratio Lower Upper

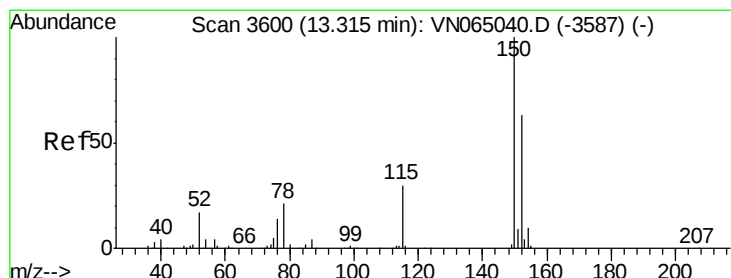
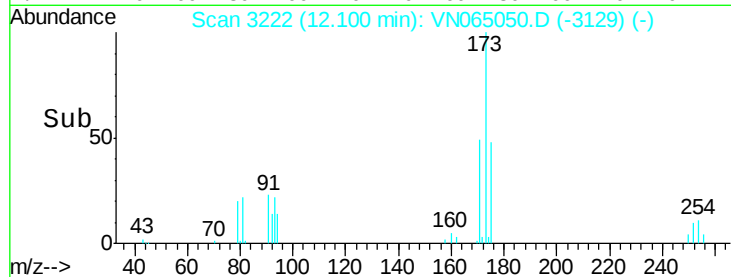
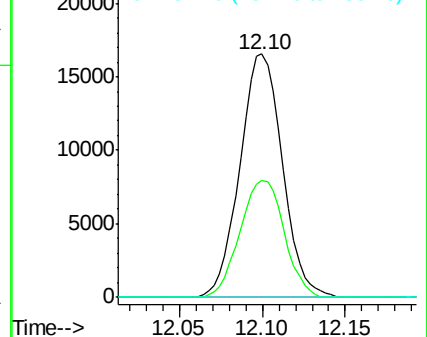
173 100

175 49.7 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# 3601

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

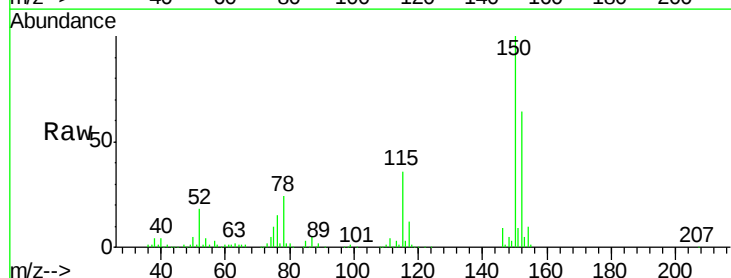
Tgt Ion:152 Resp: 134666

Ion Ratio Lower Upper

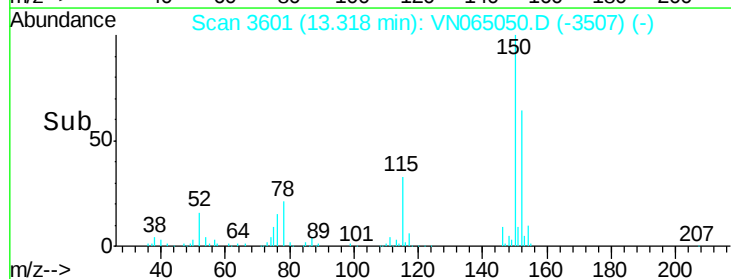
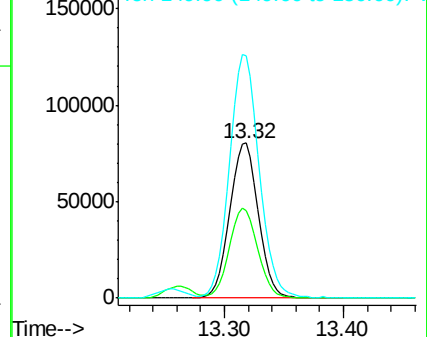
152 100

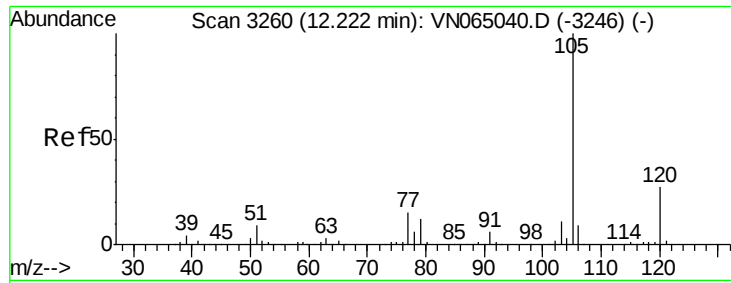
115 57.1 29.3 88.0

150 160.9 0.0 345.8



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





#73

Isopropylbenzene

Concen: 18.207 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

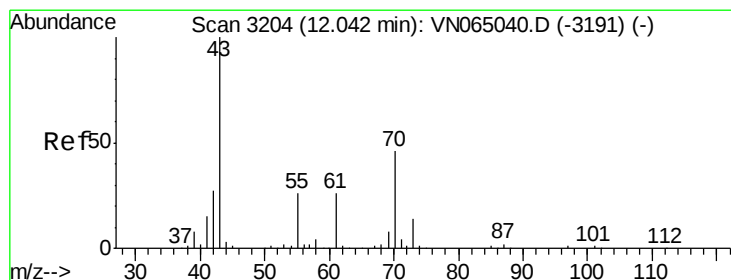
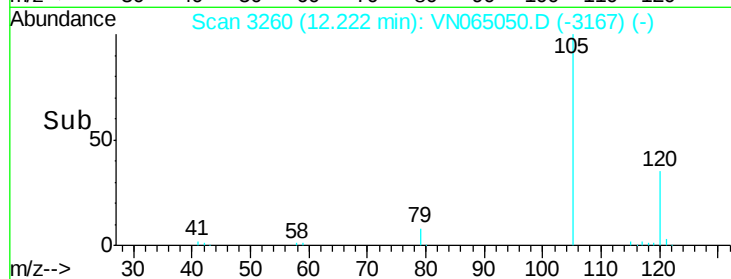
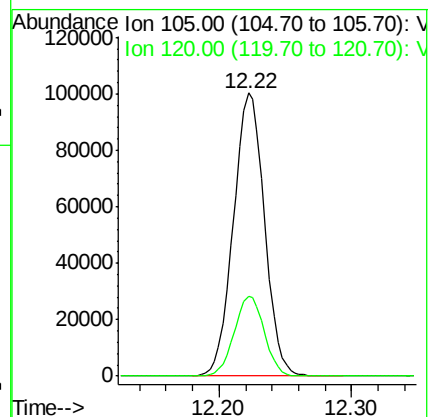
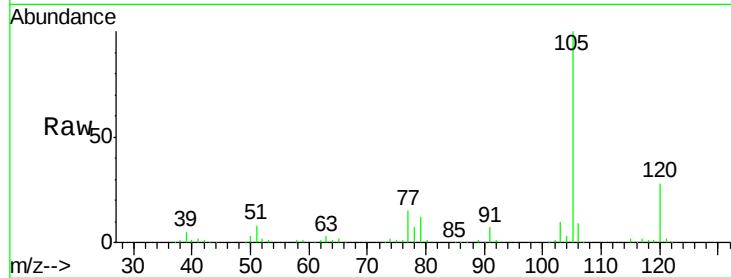
VN1210WBS01

Tgt Ion: 105 Resp: 163039

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 18.229 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Tgt Ion: 43 Resp: 58799

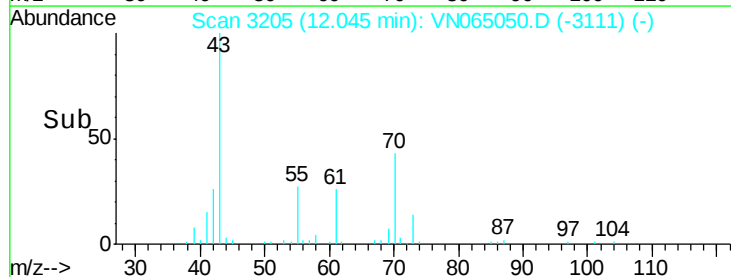
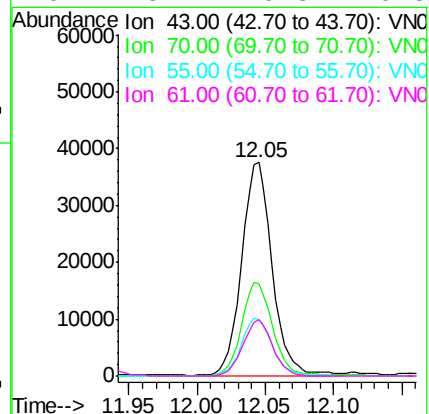
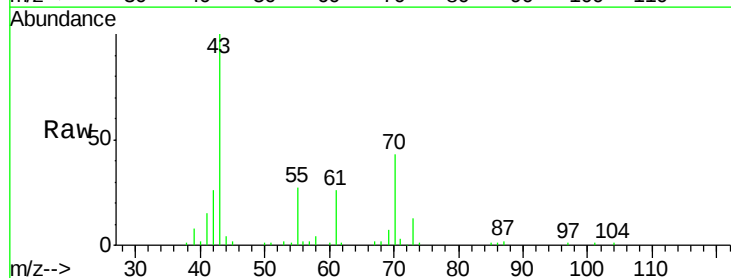
Ion Ratio Lower Upper

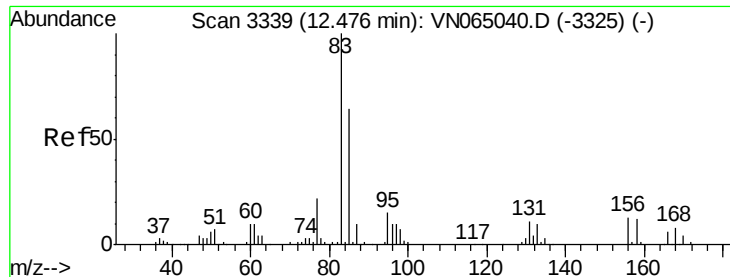
43 100

70 44.2 36.2 54.2

55 27.5 21.4 32.0

61 25.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.737 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS01

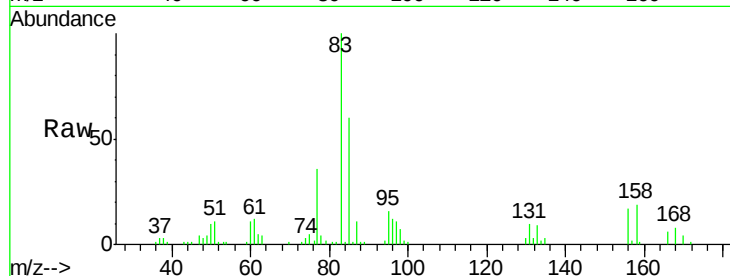
Tgt Ion: 83 Resp: 50961

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

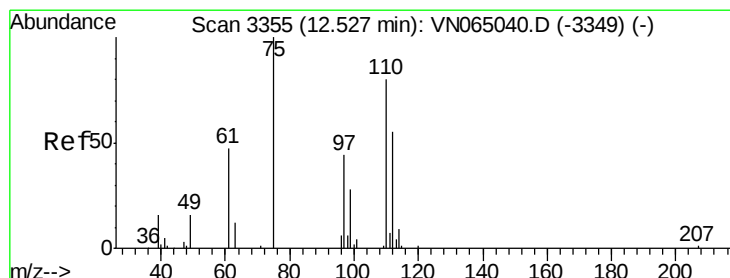
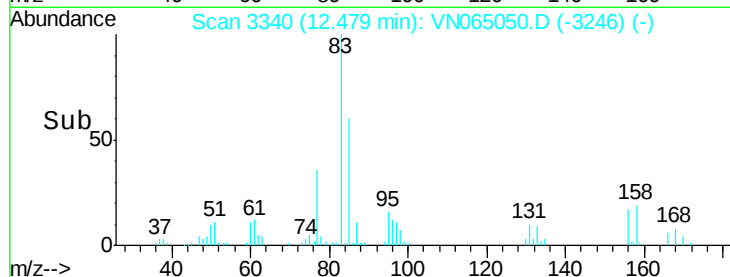
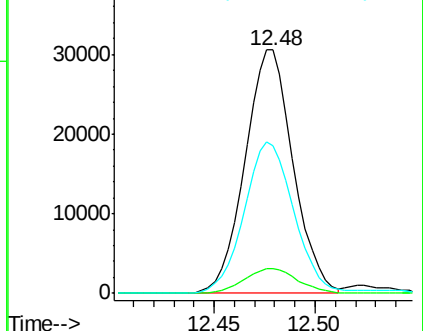
85 64.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN065040.D (-3339) (-)

Ion 130.80 (130.50 to 131.50): VN065040.D (-3339) (-)

Ion 84.90 (84.60 to 85.60): VN065040.D (-3339) (-)



#76

1,2,3-Trichloropropane

Concen: 26.525 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065050.D

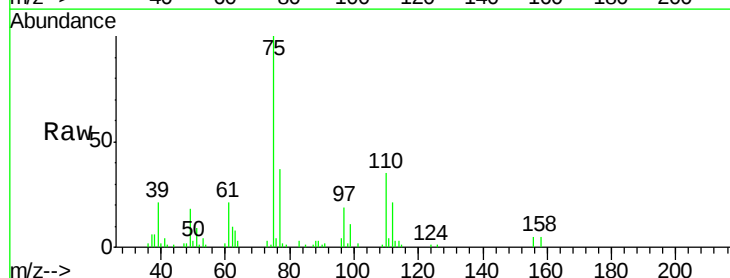
Acq: 10 Dec 2020 18:31

Tgt Ion: 75 Resp: 69580

Ion Ratio Lower Upper

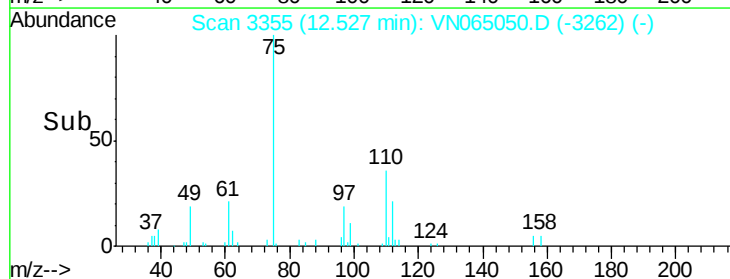
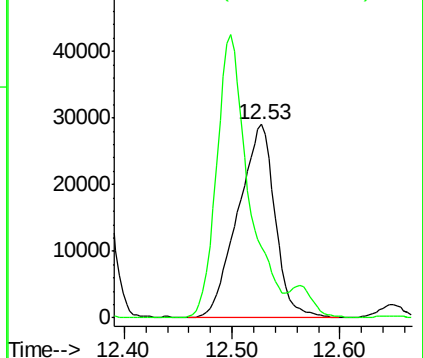
75 100

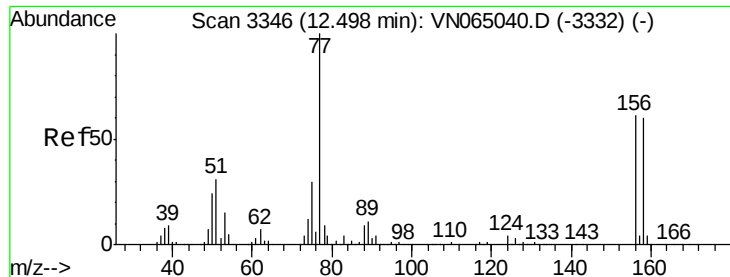
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN065040.D (-3349) (-)





#77

Bromobenzene

Concen: 18.544 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS01

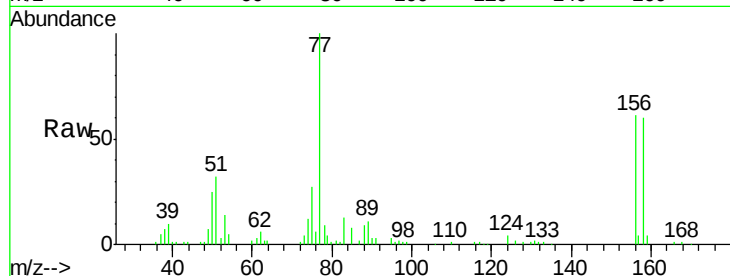
Tgt Ion:156 Resp: 44159

Ion Ratio Lower Upper

156 100

77 199.4 99.3 297.8

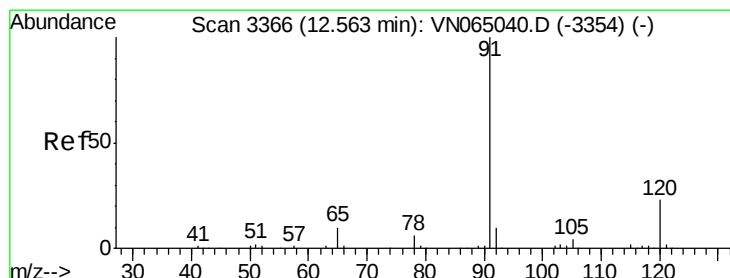
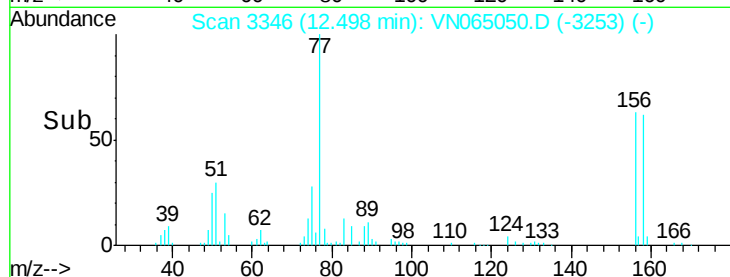
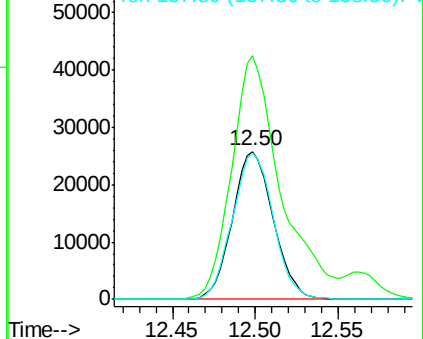
158 99.3 49.0 147.0



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: 17.986 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN065050.D

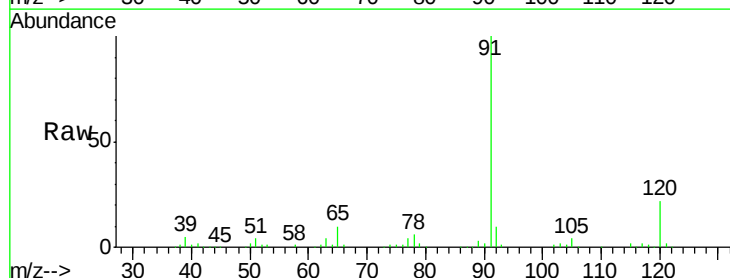
Acq: 10 Dec 2020 18:31

Tgt Ion: 91 Resp: 181676

Ion Ratio Lower Upper

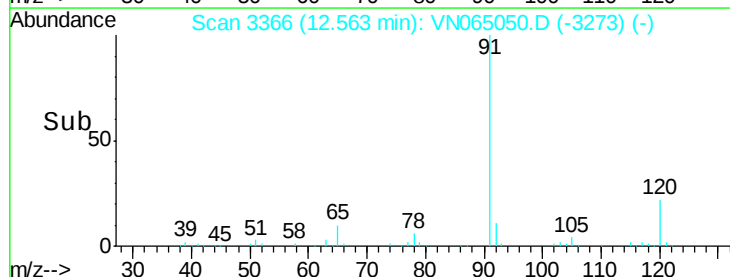
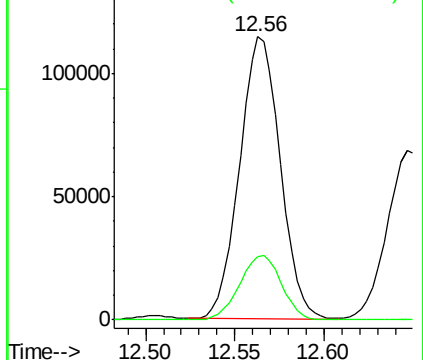
91 100

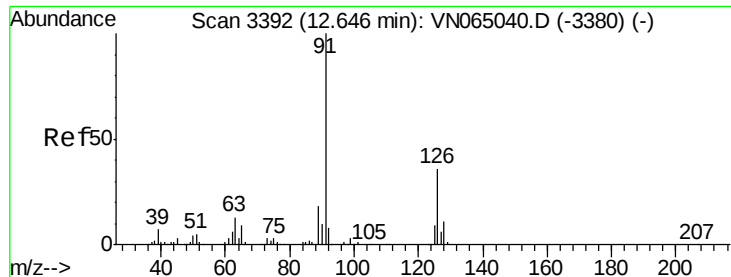
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.377 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

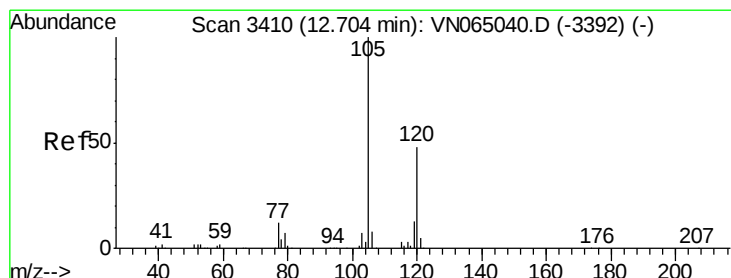
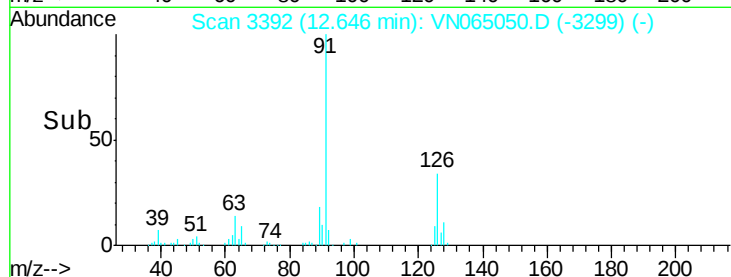
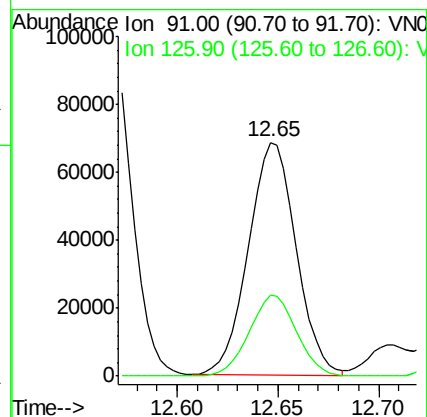
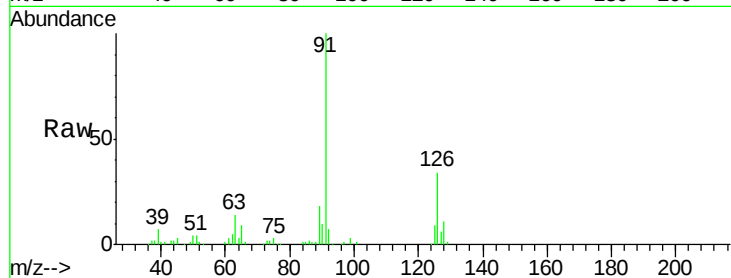
VN1210WBS01

Tgt Ion: 91 Resp: 113536

Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 18.536 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN065050.D

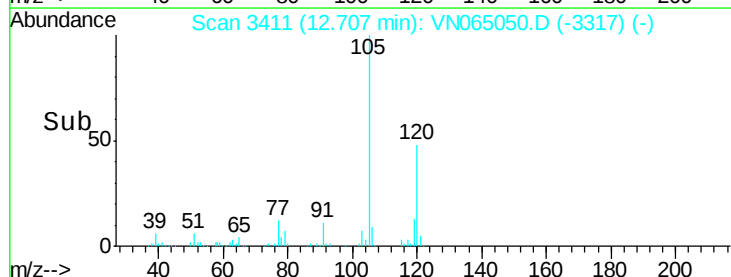
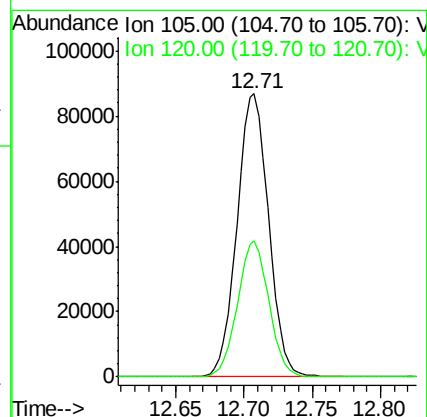
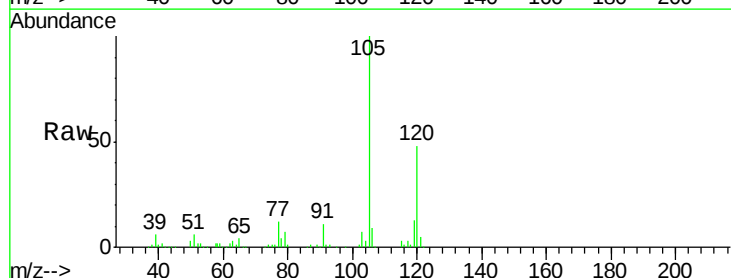
Acq: 10 Dec 2020 18:31

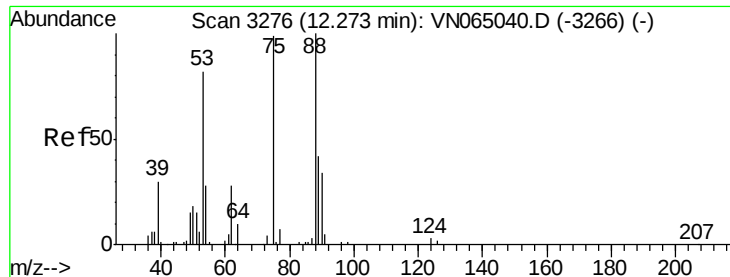
Tgt Ion: 105 Resp: 139677

Ion Ratio Lower Upper

105 100

120 47.4 24.5 73.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.727 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS01

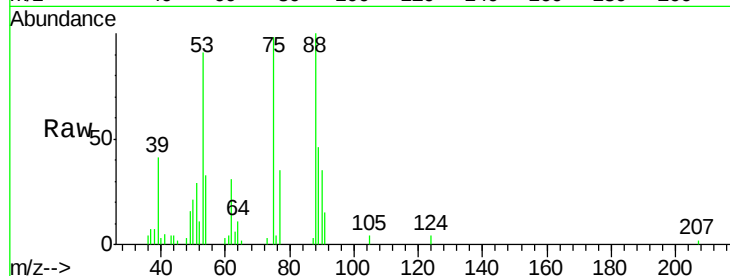
Tgt Ion: 75 Resp: 16337

Ion Ratio Lower Upper

75 100

53 91.6 68.6 103.0

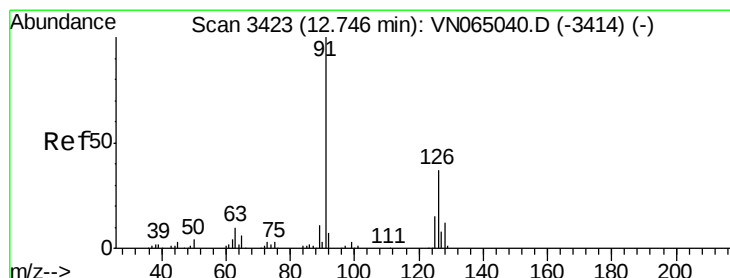
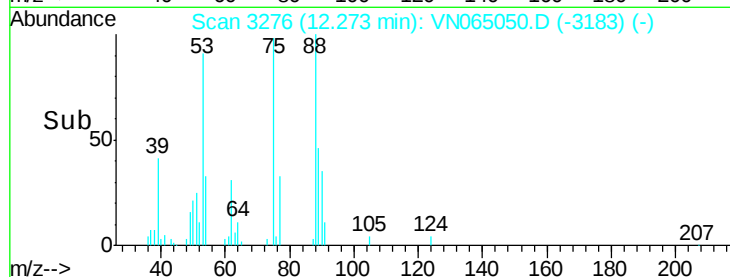
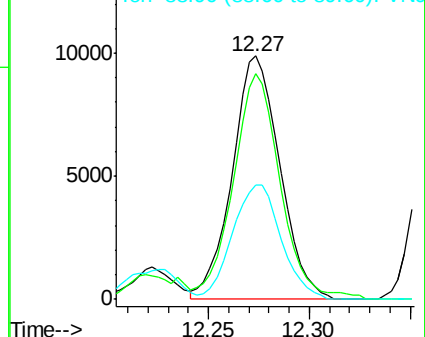
89 48.0 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.359 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN065050.D

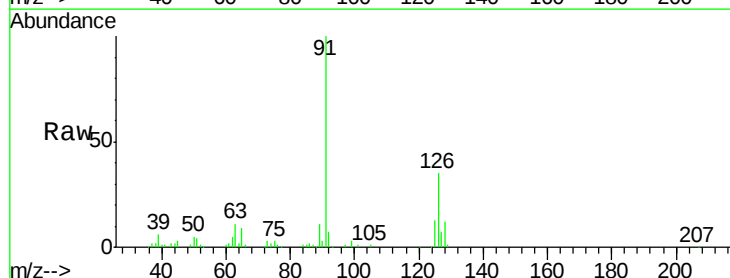
Acq: 10 Dec 2020 18:31

Tgt Ion: 91 Resp: 119544

Ion Ratio Lower Upper

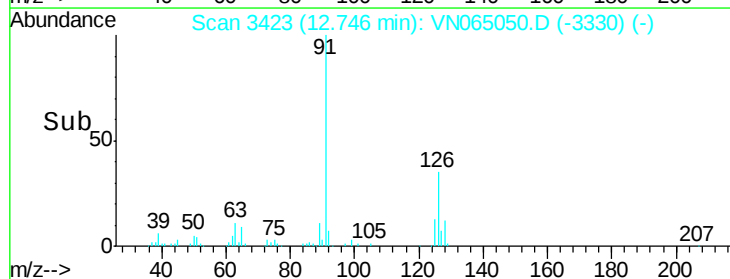
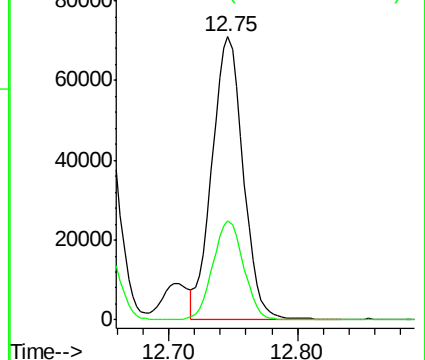
91 100

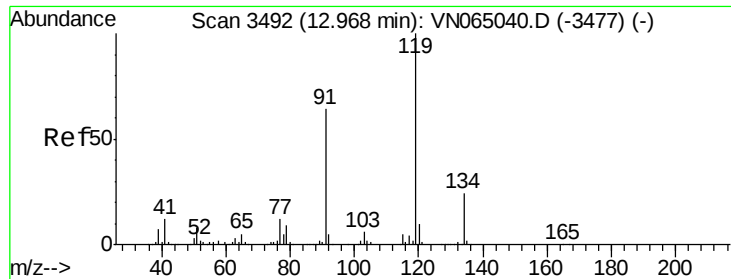
126 34.5 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

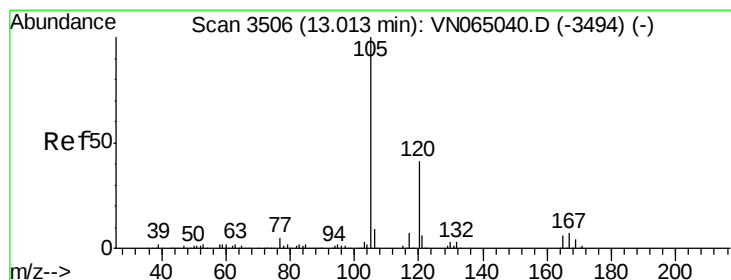
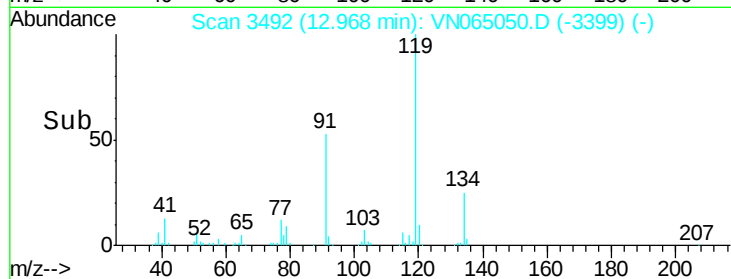
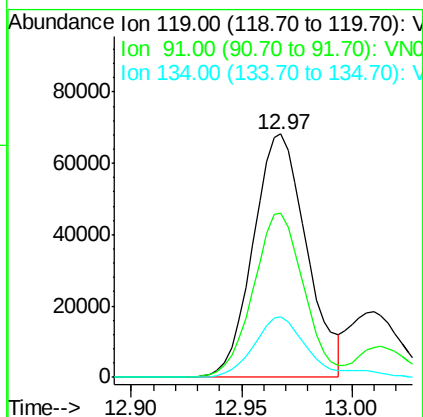
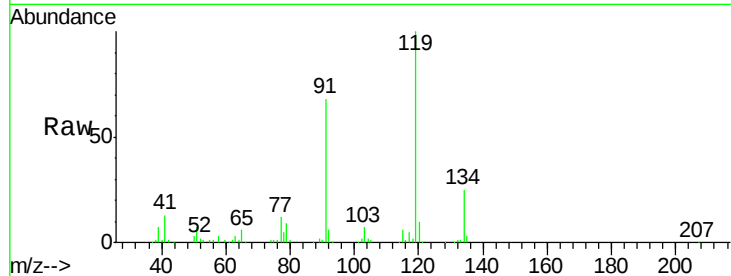




#83
 tert-Butylbenzene
 Concen: 18.425 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

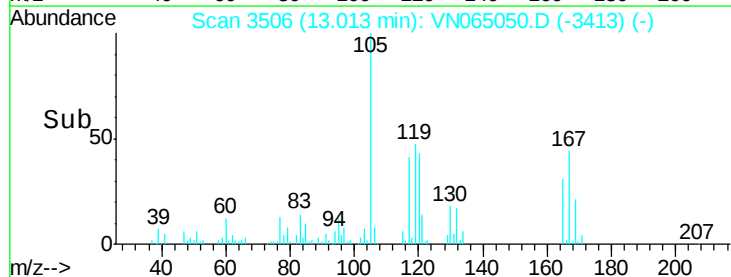
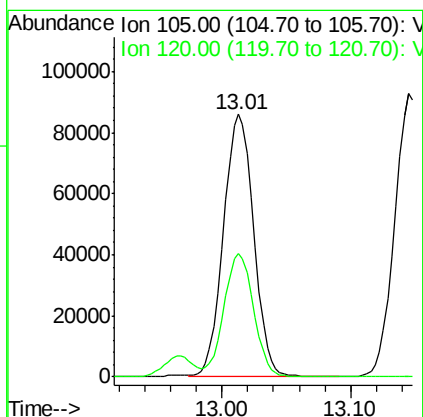
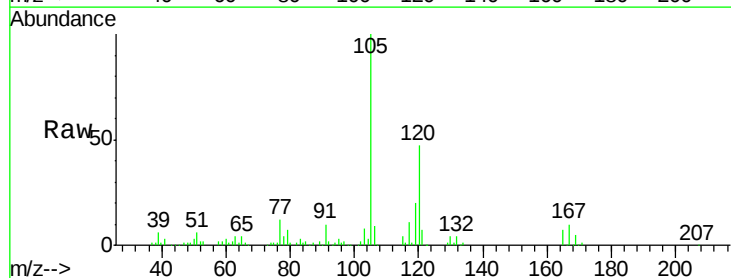
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

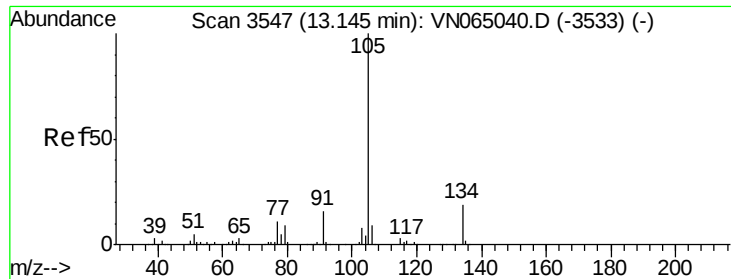
Tgt Ion:119 Resp: 114595
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.1 93.5
 134 23.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.394 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

Tgt Ion:105 Resp: 139937
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 17.957 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampled :

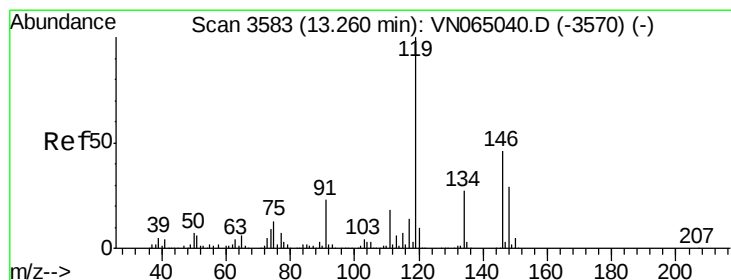
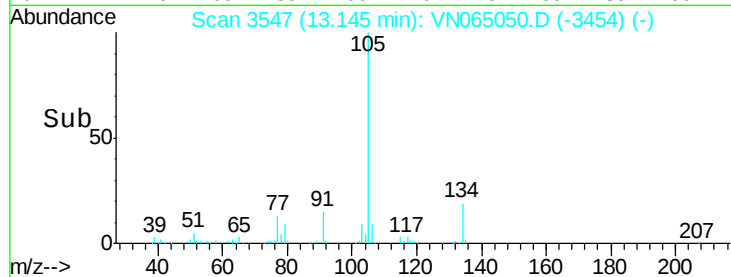
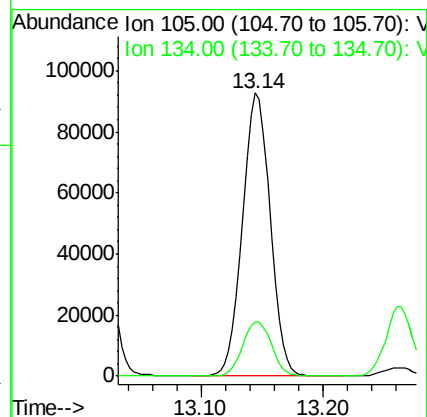
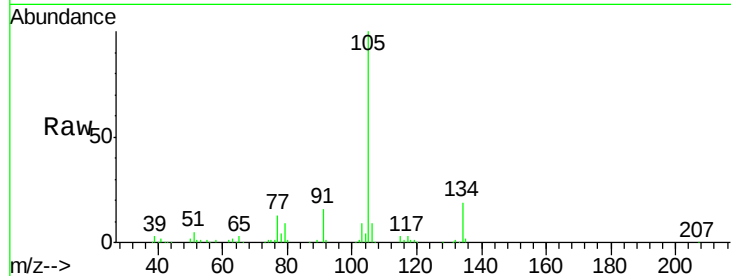
VN1210WBS01

Tgt Ion:105 Resp: 145540

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 17.874 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

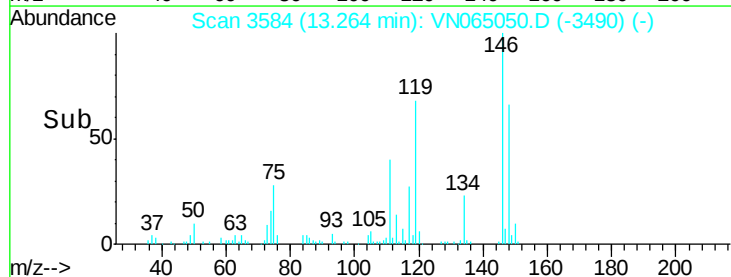
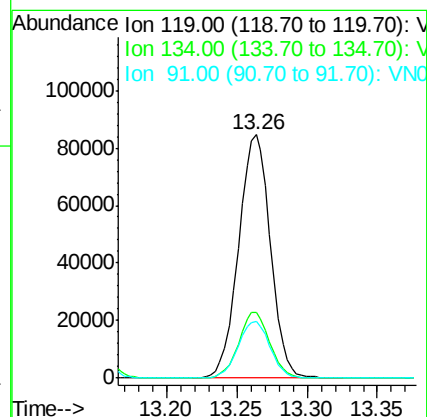
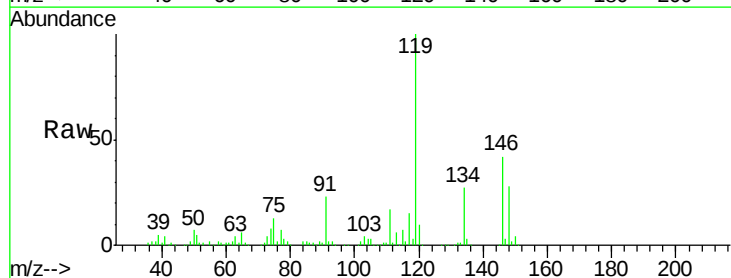
Tgt Ion:119 Resp: 133487

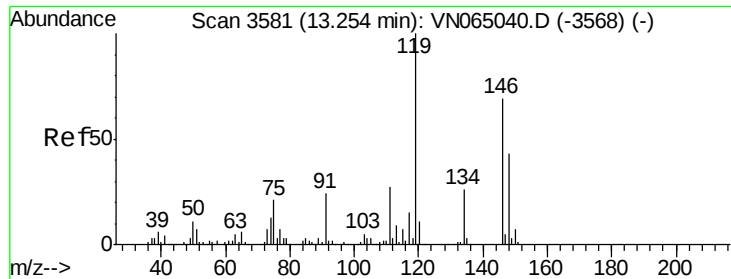
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 23.5 11.5 34.4

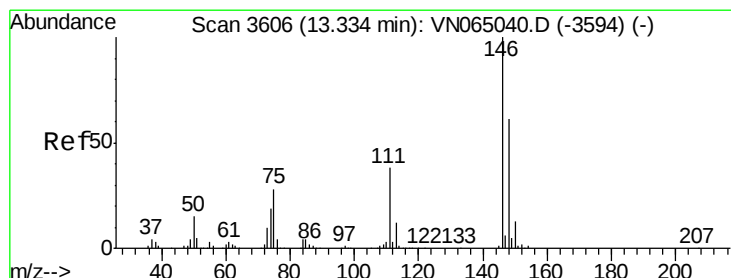
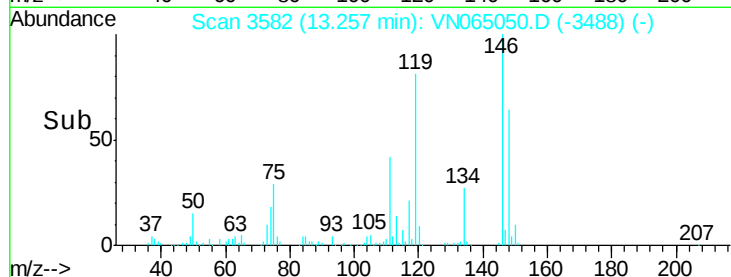
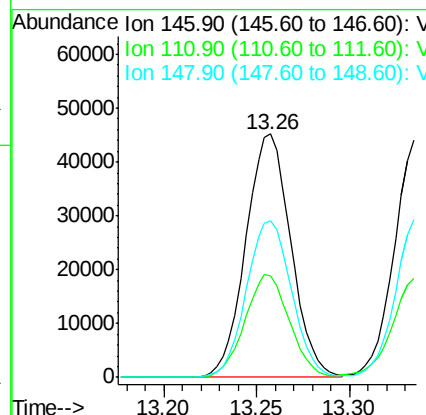
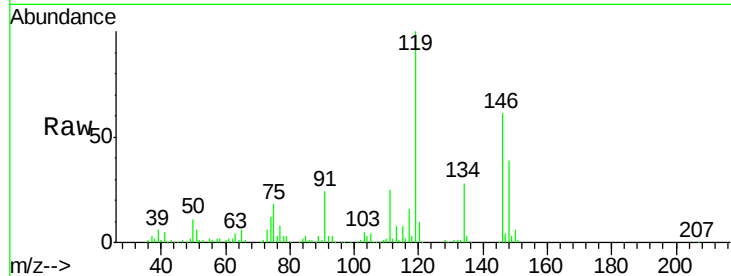




#87
 1,3-Dichlorobenzene
 Concen: 17.972 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

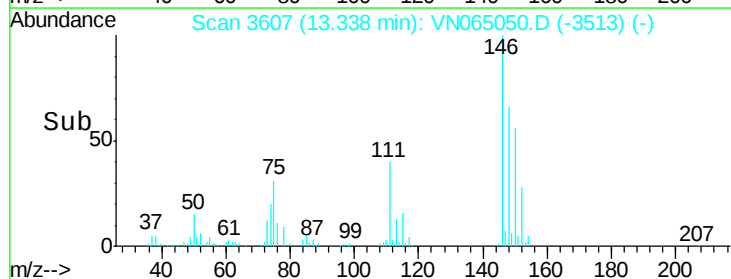
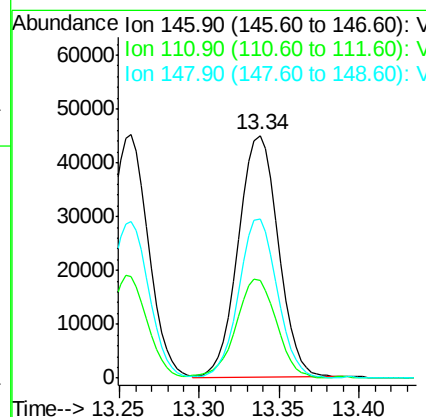
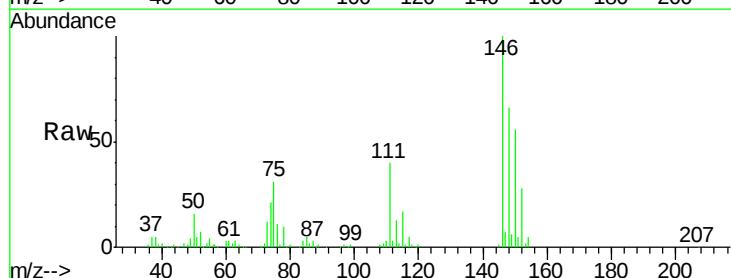
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

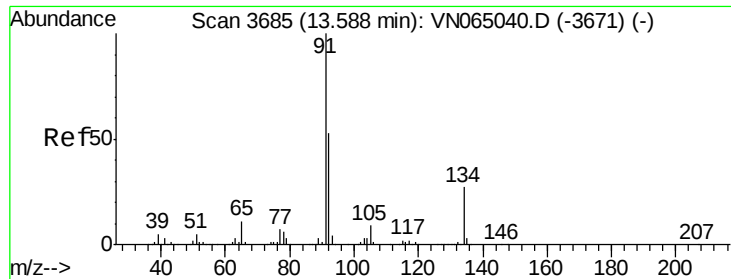
Tgt Ion:146 Resp: 76052
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.0 59.9
 148 64.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.847 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

Tgt Ion:146 Resp: 76582
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.2 57.6
 148 63.5 31.1 93.3





#89

n-Butylbenzene

Concen: 17.054 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

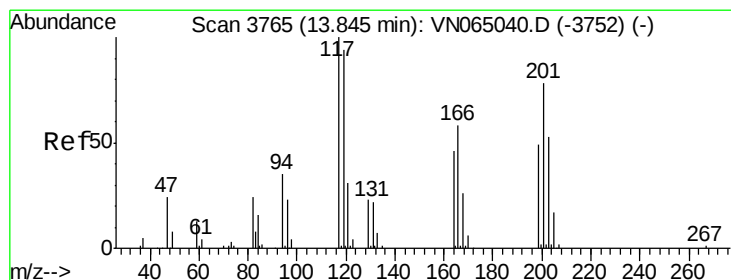
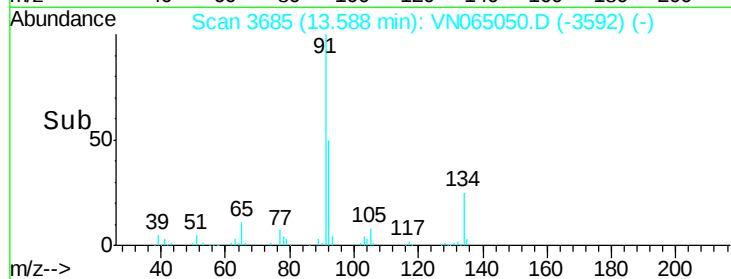
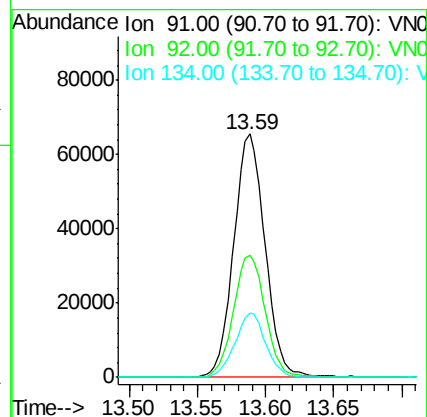
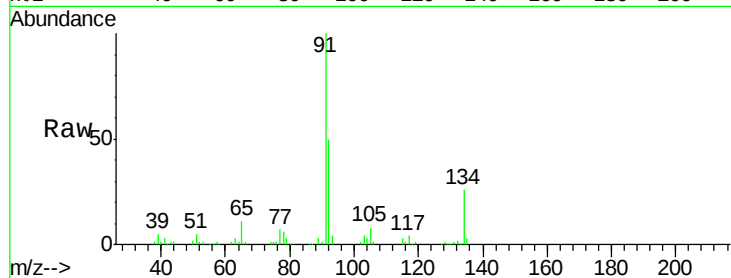
Tgt Ion: 91 Resp: 104670

Ion Ratio Lower Upper

91 100

92 50.9 25.9 77.8

134 25.9 13.2 39.6



#90

Hexachloroethane

Concen: 18.200 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN065050.D

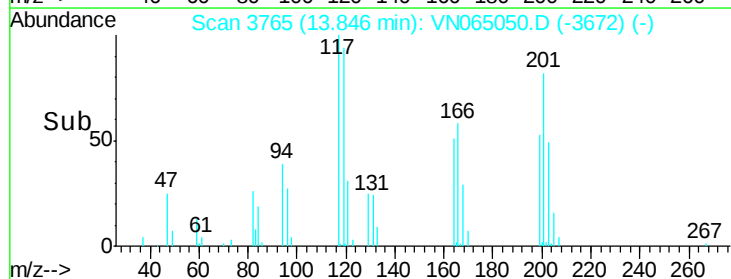
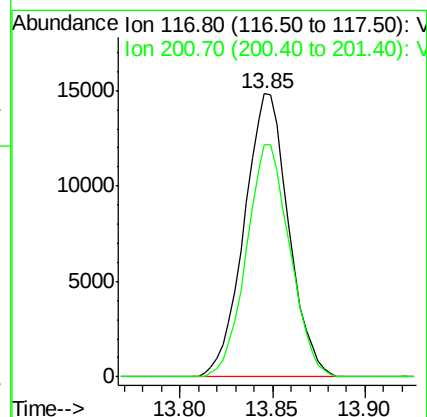
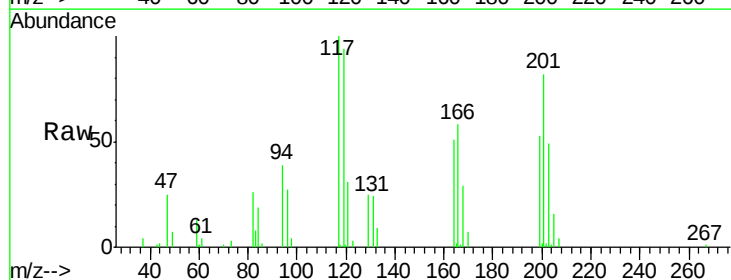
Acq: 10 Dec 2020 18:31

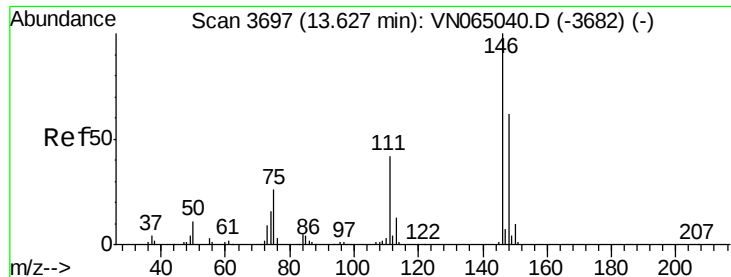
Tgt Ion: 117 Resp: 24638

Ion Ratio Lower Upper

117 100

201 80.2 39.5 118.3

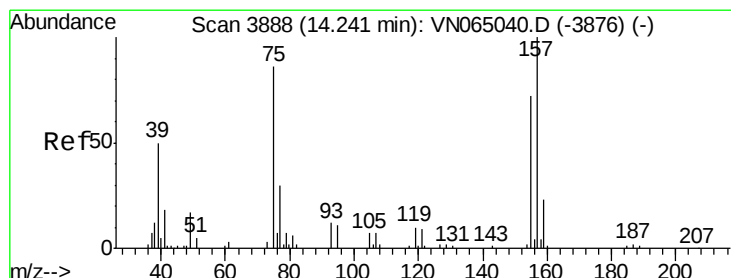
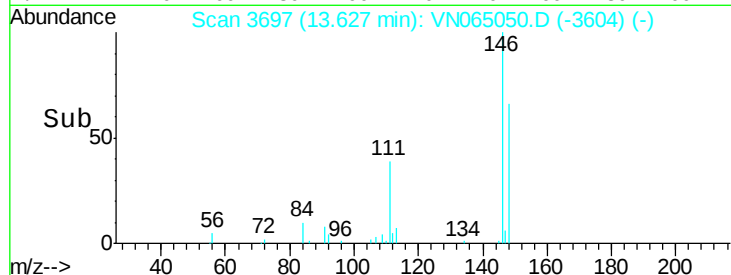
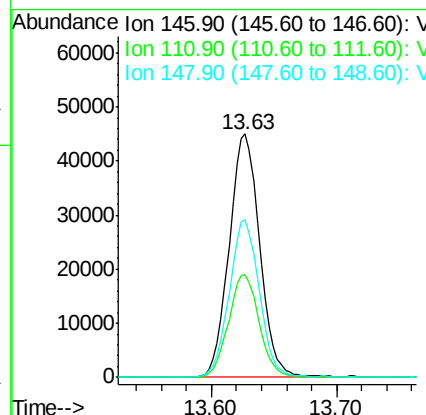
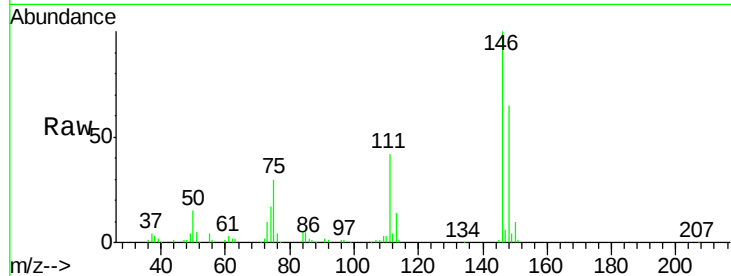




#91
 1,2-Dichlorobenzene
 Concen: 18.043 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

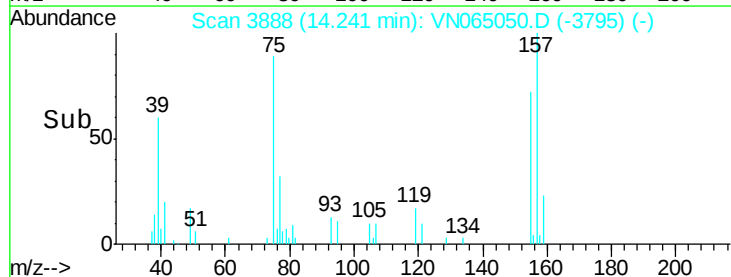
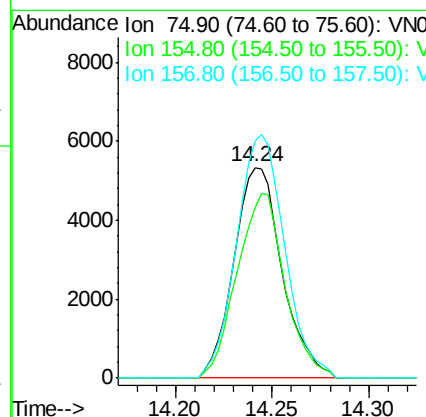
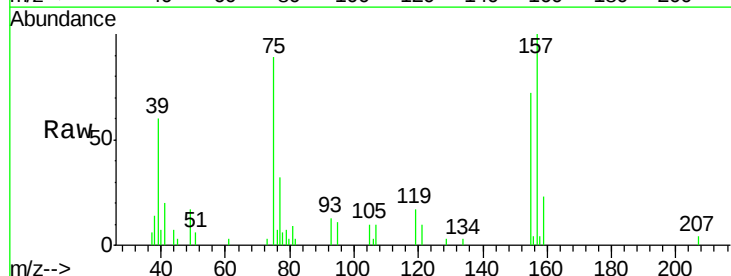
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

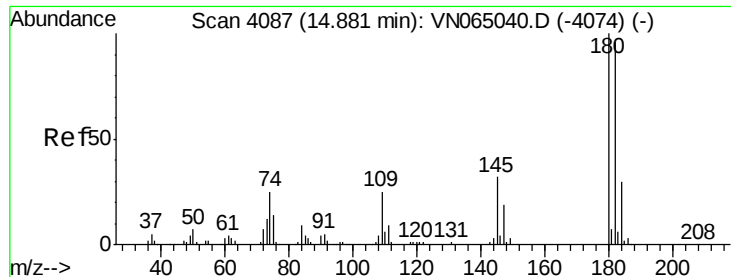
Tgt Ion:146 Resp: 75999
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.413 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN065050.D
 Acq: 10 Dec 2020 18:31

Tgt Ion: 75 Resp: 9286
 Ion Ratio Lower Upper
 75 100
 155 86.6 43.8 131.4
 157 114.9 58.1 174.3

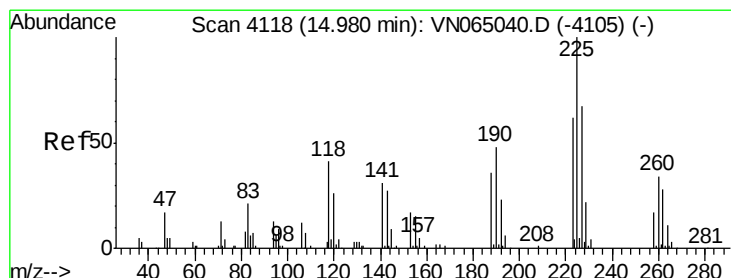
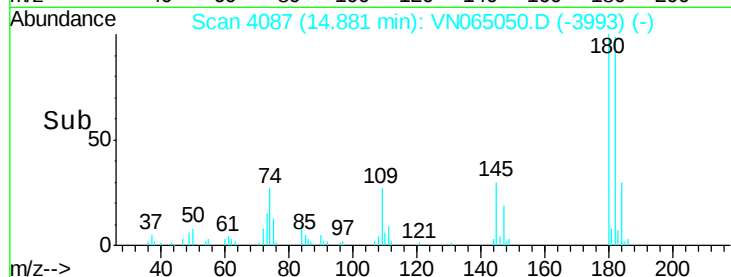
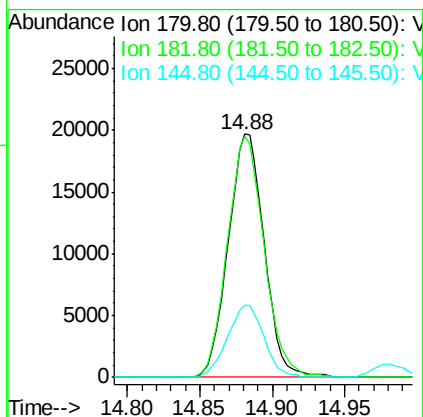
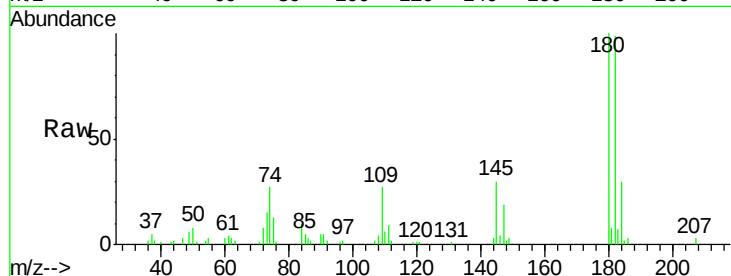




#93
1,2,4-Trichlorobenzene
Concen: 18.696 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

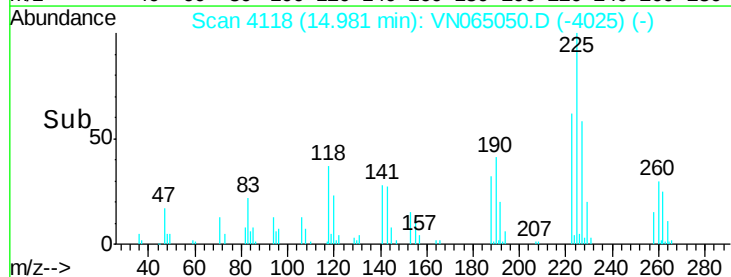
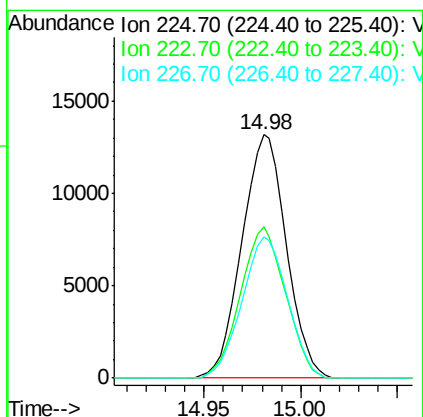
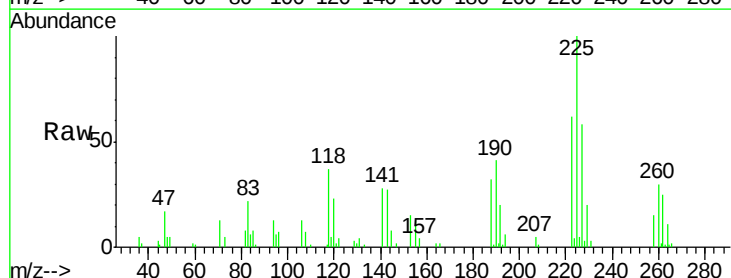
Instrument :
MSVOA_N
ClientSampled :
VN1210WBS01

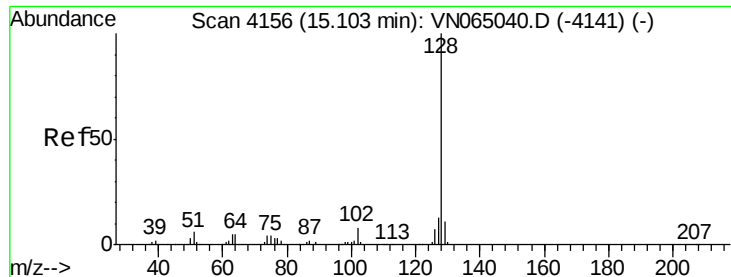
Tgt Ion:180 Resp: 33819
Ion Ratio Lower Upper
180 100
182 100.8 47.0 141.2
145 30.1 15.4 46.4



#94
Hexachlorobutadiene
Concen: 18.109 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN065050.D
Acq: 10 Dec 2020 18:31

Tgt Ion:225 Resp: 21060
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.0
227 59.3 32.3 96.8





#95

Naphthalene

Concen: 18.779 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

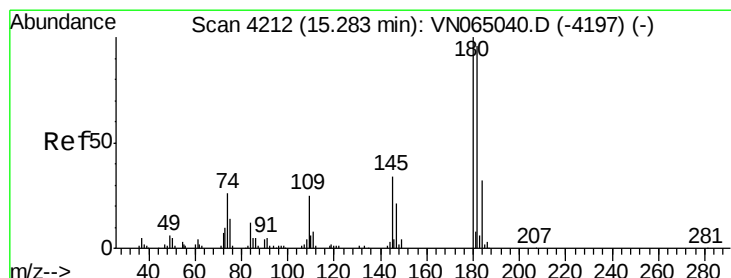
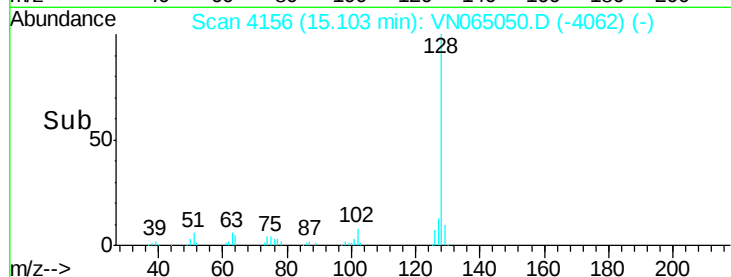
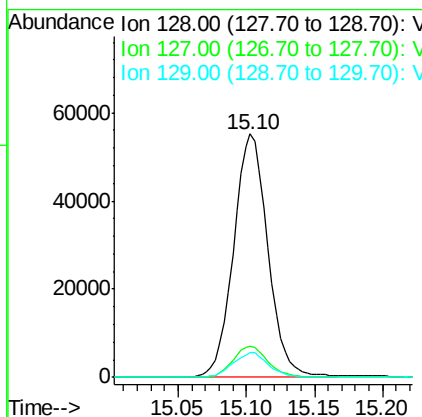
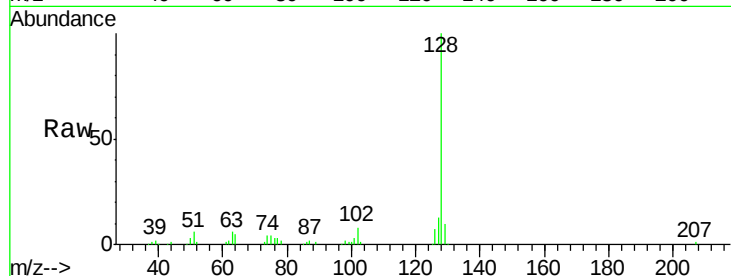
Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion:	128	Resp:	96307
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.2	8.5	12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.747 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN065050.D

Acq: 10 Dec 2020 18:31

Tgt Ion:	180	Resp:	32266
Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.3	144.9
145	32.7	16.2	48.6

