

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062764.D
 Acq On : 6 Aug 2020 14:12
 Operator : JC/MD
 Sample : VN0806WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Quant Time: Aug 07 03:04:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130232	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.55	113	90277	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.06	98	342850	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.38	95	129179	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52090	21.357	ug/l	98
3) Chloromethane	2.04	50	52052	22.615	ug/l	99
4) Vinyl Chloride	2.16	62	48952	22.676	ug/l	96
5) Bromomethane	2.52	94	29668	20.760	ug/l	94
6) Chloroethane	2.66	64	28392	19.991	ug/l	96
7) Trichlorofluoromethane	2.97	101	71870	18.670	ug/l	98
8) Diethyl Ether	3.37	74	19839	18.003	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.71	101	32359	20.321	ug/l	97
10) Methyl Iodide	3.91	142	33679	18.051	ug/l	97
11) Tert butyl alcohol	4.74	59	41504	89.903	ug/l	99
12) 1,1-Dichloroethene	3.69	96	28906	19.207	ug/l	92
13) Acrolein	3.57	56	21061	75.348	ug/l	99
14) Allyl chloride	4.27	41	56029	18.788	ug/l	95
15) Acrylonitrile	4.93	53	103448	96.612	ug/l	99
16) Acetone	3.78	43	93344	91.713	ug/l	100
17) Carbon Disulfide	4.00	76	77272	18.172	ug/l	100
18) Methyl Acetate	4.28	43	48072	19.276	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	118992	18.031	ug/l	100
20) Methylene Chloride	4.50	84	35354	18.502	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	30292	17.772	ug/l	95
22) Diisopropyl ether	5.90	45	127346	20.060	ug/l	93
23) Vinyl Acetate	5.84	43	436386	90.374	ug/l	100
24) 1,1-Dichloroethane	5.79	63	66458	17.864	ug/l	99
25) 2-Butanone	6.79	43	136084	94.404	ug/l	96
26) 2,2-Dichloropropane	6.77	77	59878	17.461	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	37435	18.308	ug/l	96
28) Bromochloromethane	7.15	49	34998	19.492	ug/l	99
29) Tetrahydrofuran	7.17	42	89367	95.427	ug/l	99
30) Chloroform	7.33	83	71824	18.166	ug/l	99
31) Cyclohexane	7.61	56	65432	19.160	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	62507	17.683	ug/l	98
36) 1,1-Dichloropropene	7.75	75	46939	17.823	ug/l	97
37) Ethyl Acetate	6.88	43	52003	18.903	ug/l	98
38) Carbon Tetrachloride	7.73	117	53899	17.304	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	59988	18.927	ug/l	97
40) Benzene	8.00	78	144675	18.409	ug/l	100
41) Methacrylonitrile	7.13	41	25805	20.787	ug/l #	71
42) 1,2-Dichloroethane	8.08	62	60825	18.184	ug/l	98
43) Isopropyl Acetate	8.13	43	85784	18.694	ug/l	99
44) Trichloroethene	8.80	130	34188	17.856	ug/l	96
45) 1,2-Dichloropropane	9.08	63	40658	19.115	ug/l	93
46) Dibromomethane	9.17	93	25553	18.335	ug/l	98
47) Bromodichloromethane	9.37	83	58330	18.635	ug/l	99
48) Methyl methacrylate	9.17	41	40301	17.856	ug/l	98
49) 1,4-Dioxane	9.17	88	16813	402.015	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	288202	97.070	ug/l	99
52) Toluene	10.12	92	89966	18.541	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	61633	17.901	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	63188	18.279	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	37835	18.257	ug/l	99
56) Ethyl methacrylate	10.40	69	58166	18.647	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66032	18.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	81774	92.744	ug/l	98
59) 2-Hexanone	10.72	43	212595	95.993	ug/l	98
60) Dibromochloromethane	10.87	129	42243	17.862	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37221	18.202	ug/l	99
64) Tetrachloroethene	10.60	164	30769	18.775	ug/l	96
65) Chlorobenzene	11.41	112	97259	18.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38083	17.861	ug/l	98
67) Ethyl Benzene	11.48	91	173652	18.277	ug/l	98
68) m/p-Xylenes	11.60	106	129865	37.653	ug/l	98
69) o-Xylene	11.92	106	62584	19.363	ug/l	96
70) Styrene	11.94	104	107386	18.902	ug/l	98
71) Bromoform	12.10	173	30295	17.366	ug/l #	99
73) Isopropylbenzene	12.22	105	173799	19.551	ug/l	99
74) N-amyl acetate	12.05	43	71541	19.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	58894	18.820	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	77484	24.337	ug/l #	100
77) Bromobenzene	12.50	156	41341	18.717	ug/l	99
78) n-propylbenzene	12.57	91	204146	19.564	ug/l	99
79) 2-Chlorotoluene	12.65	91	124400	19.011	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	152032	19.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	19316	18.521	ug/l	96
82) 4-Chlorotoluene	12.75	91	129311	19.176	ug/l	99
83) tert-Butylbenzene	12.97	119	126456	19.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	145680	19.745	ug/l	100
85) sec-Butylbenzene	13.15	105	169502	19.780	ug/l	100
86) p-Isopropyltoluene	13.26	119	147828	19.434	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73370	18.594	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72375	18.288	ug/l	98
89) n-Butylbenzene	13.59	91	121080	18.821	ug/l	97
90) Hexachloroethane	13.85	117	29762	18.152	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	70345	19.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12009	17.875	ug/l	97

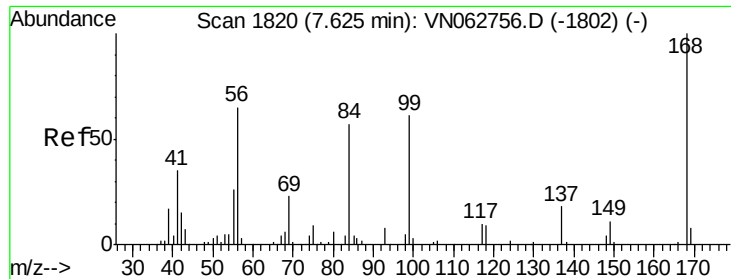
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Quant Time: Aug 07 03:04:44 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30939	17.860	ug/l	98
94) Hexachlorobutadiene	14.98	225	22748	18.564	ug/l	97
95) Naphthalene	15.11	128	79984	17.353	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	31788	18.084	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

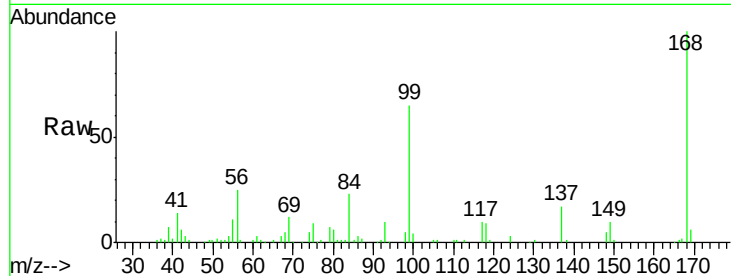
VN0806WBS01

Tot Ion:168 Resp: 170330

Ion Ratio Lower Upper

168 100

99 64.8 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

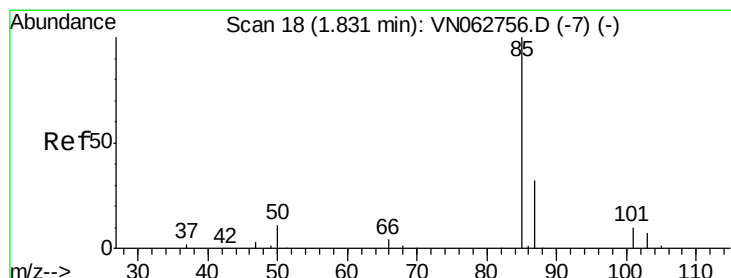
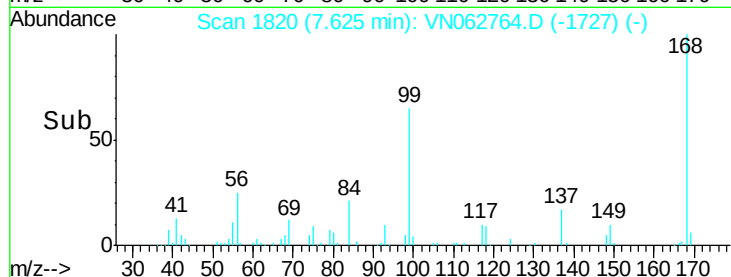
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 21.357 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062764.D

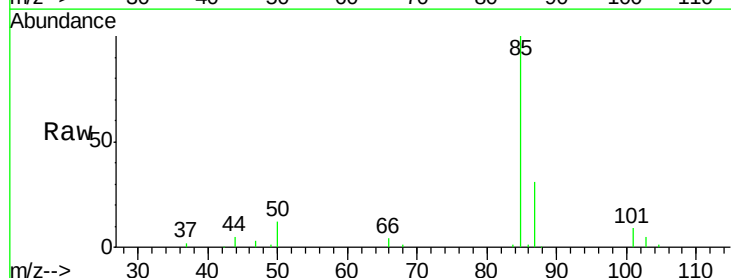
Acq: 6 Aug 2020 14:12

Tgt Ion: 85 Resp: 52090

Ion Ratio Lower Upper

85 100

87 31.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

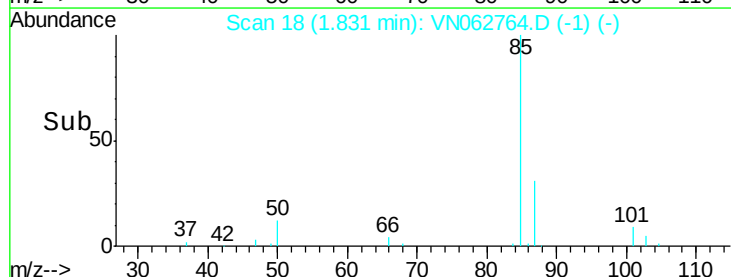
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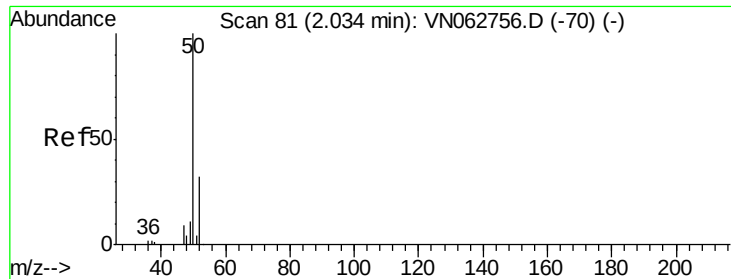
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 22.615 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

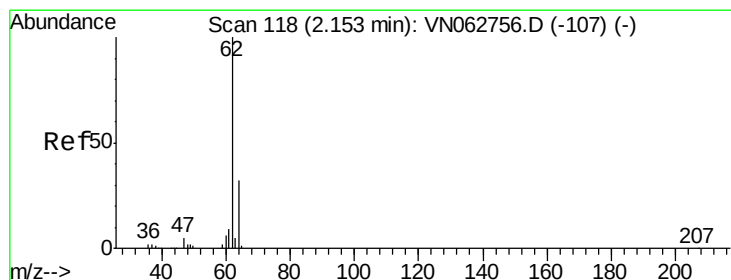
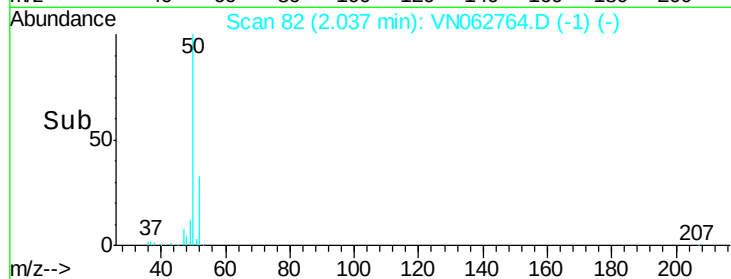
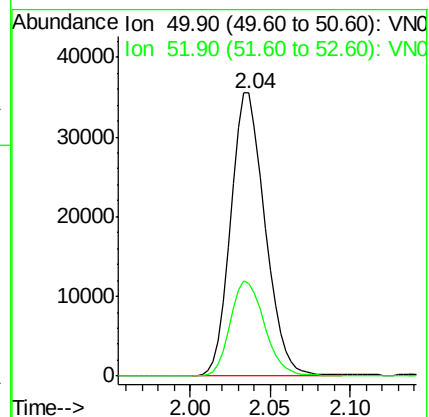
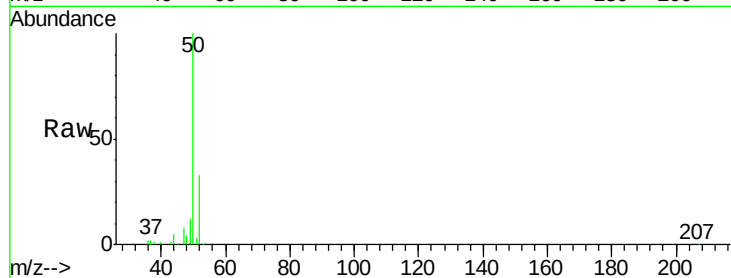
VN0806WBS01

Tot Ion: 50 Resp: 52052

Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



#4

Vinyl Chloride

Concen: 22.676 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062764.D

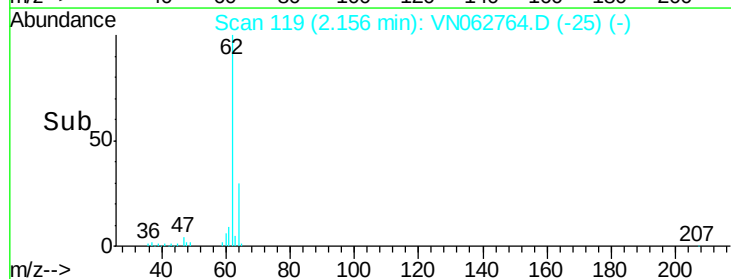
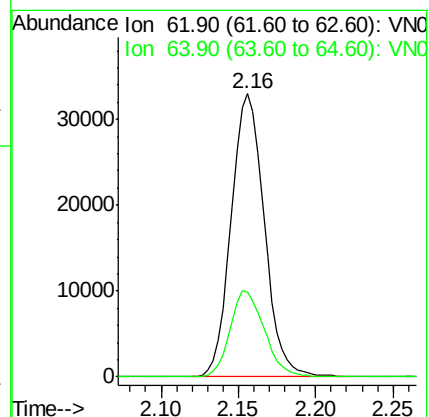
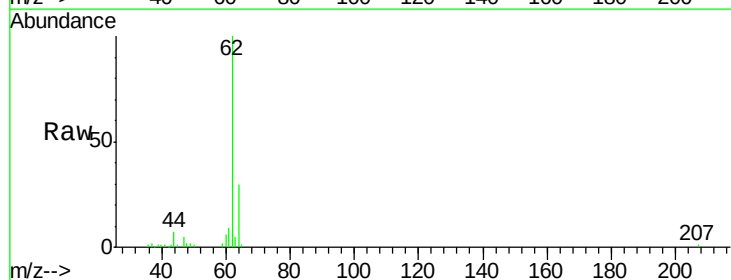
Acq: 6 Aug 2020 14:12

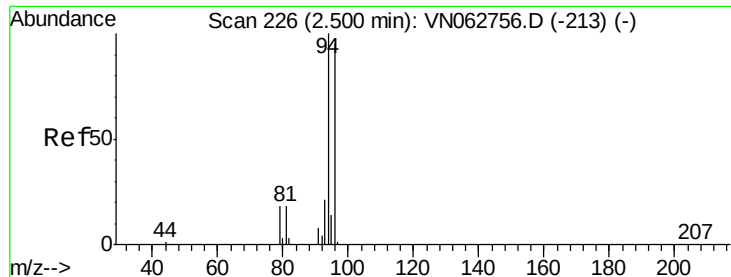
Tgt Ion: 62 Resp: 48952

Ion Ratio Lower Upper

62 100

64 30.1 25.8 38.8





#5

Bromomethane

Concen: 20.760 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

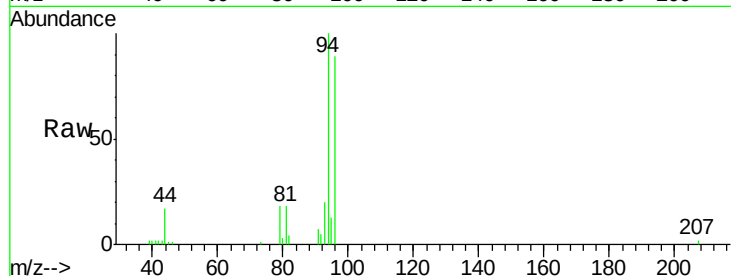
VN0806WBS01

Tot Ion: 94 Resp: 29668

Ion Ratio Lower Upper

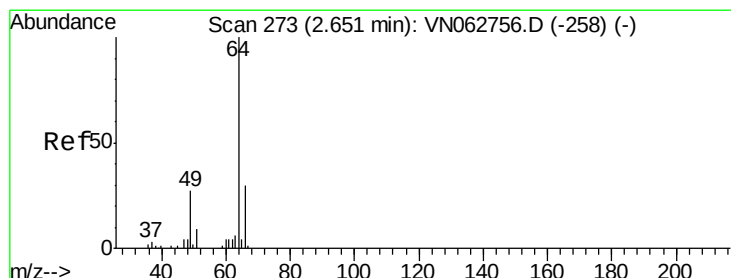
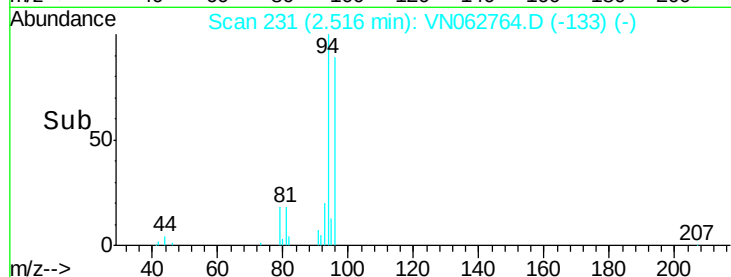
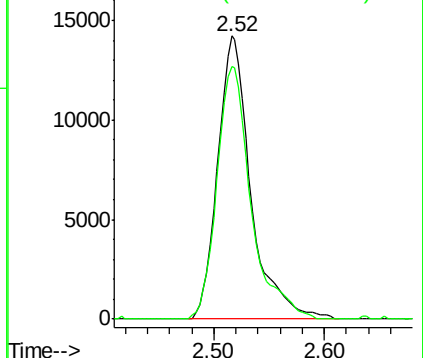
94 100

96 89.4 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.991 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062764.D

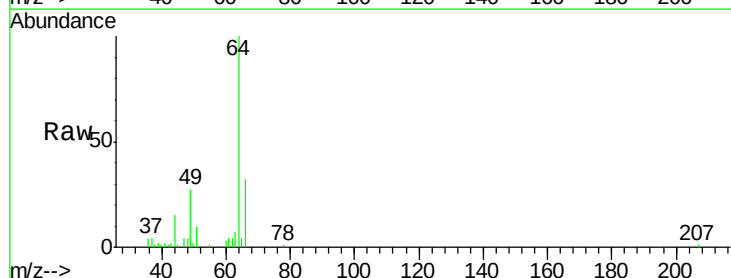
Acq: 6 Aug 2020 14:12

Tgt Ion: 64 Resp: 28392

Ion Ratio Lower Upper

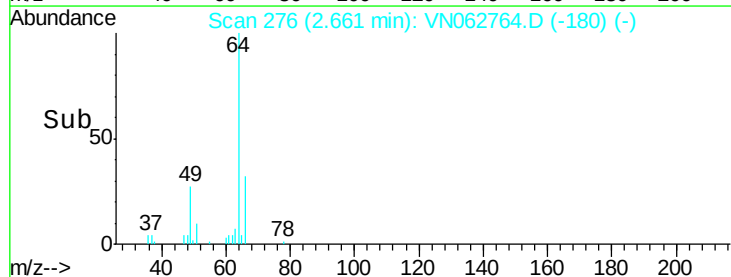
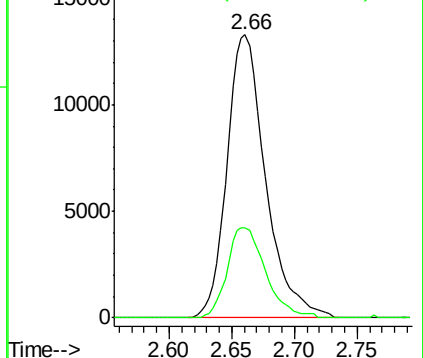
64 100

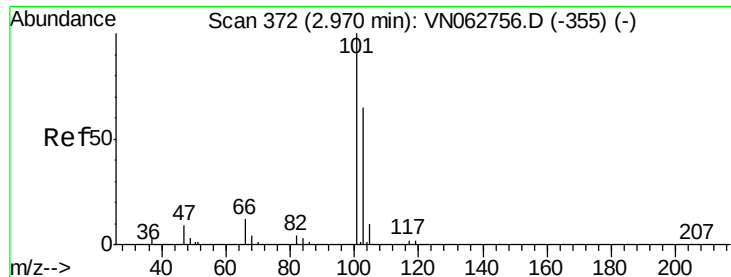
66 31.9 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



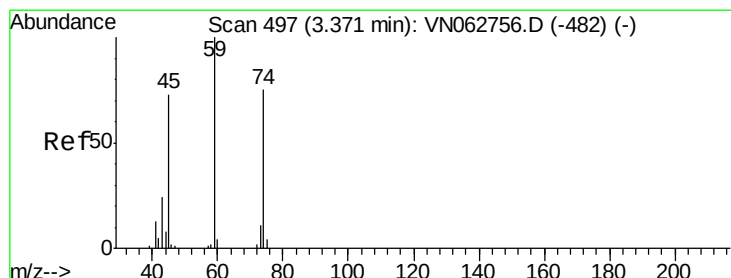
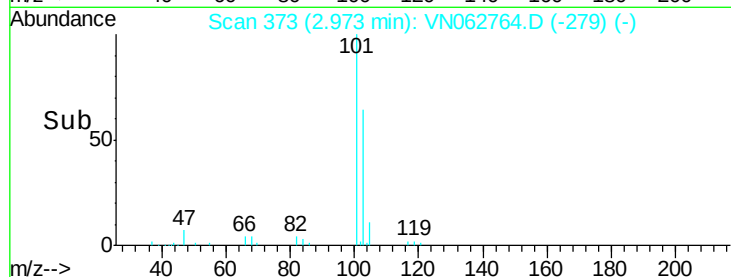
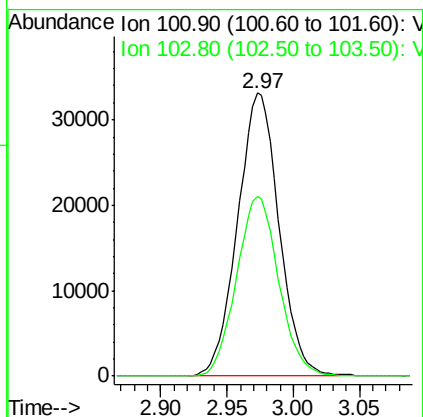
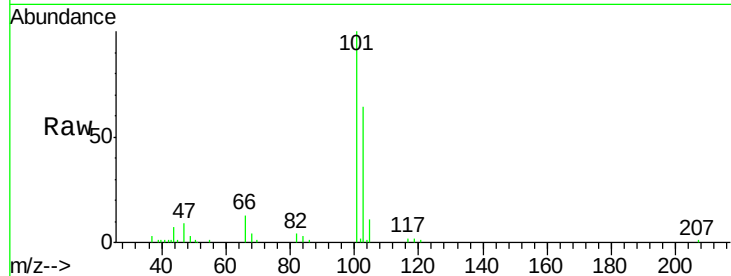


#7

Trichlorofluoromethane
 Concen: 18.670 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

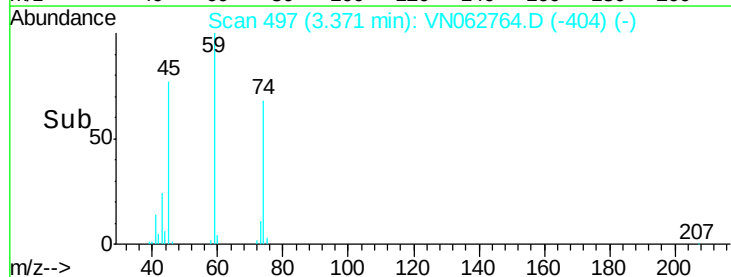
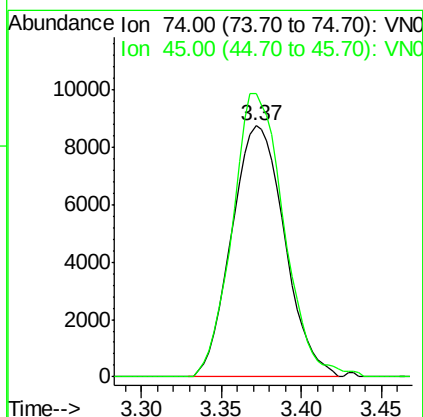
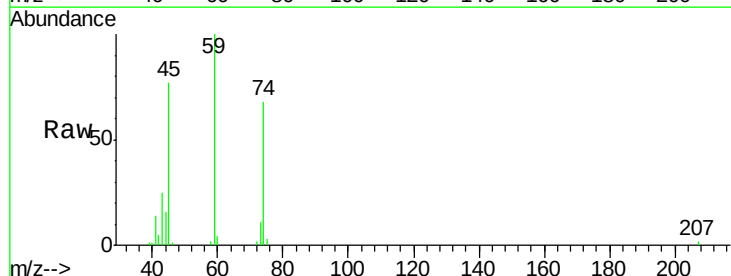
Tot Ion:101 Resp: 71870
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.3 78.5

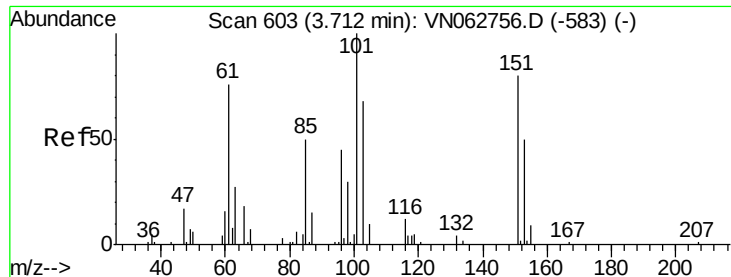


#8

Diethyl Ether
 Concen: 18.003 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 74 Resp: 19839
 Ion Ratio Lower Upper
 74 100
 45 109.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.321 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

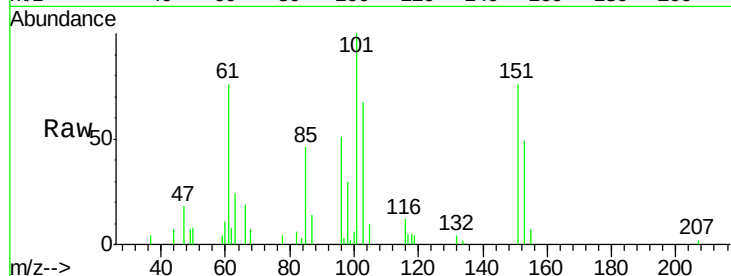
Tot Ion:101 Resp: 32359

Ion Ratio Lower Upper

101 100

85 45.5 38.5 57.7

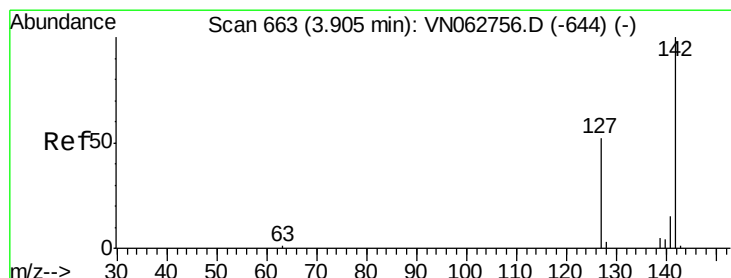
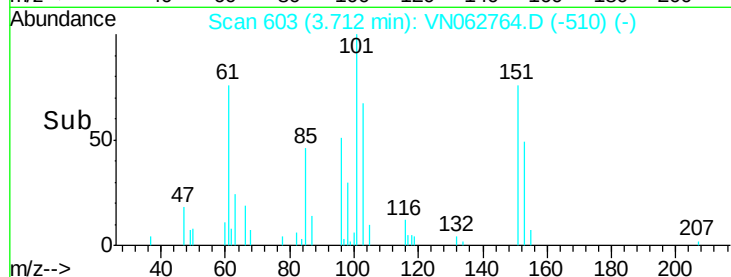
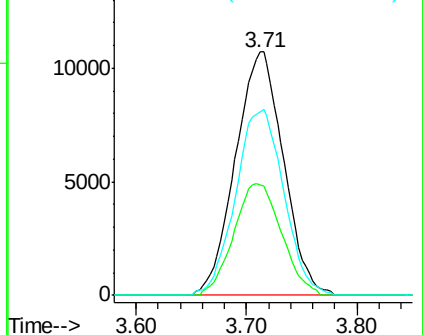
151 76.6 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.051 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

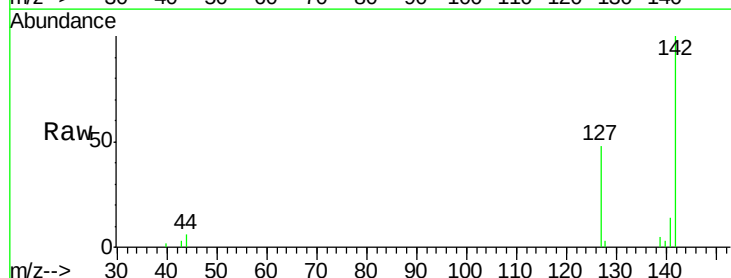
Tgt Ion:142 Resp: 33679

Ion Ratio Lower Upper

142 100

127 49.2 41.4 62.0

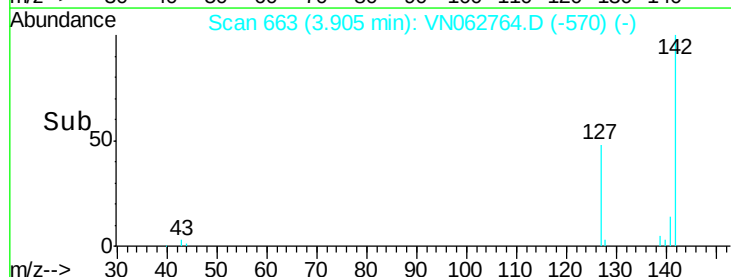
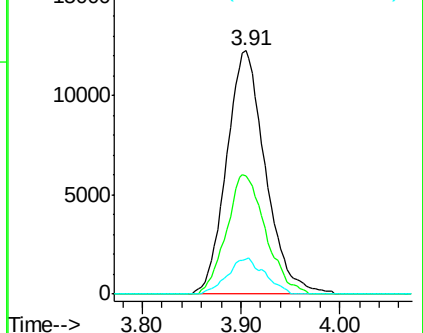
141 14.1 12.2 18.4

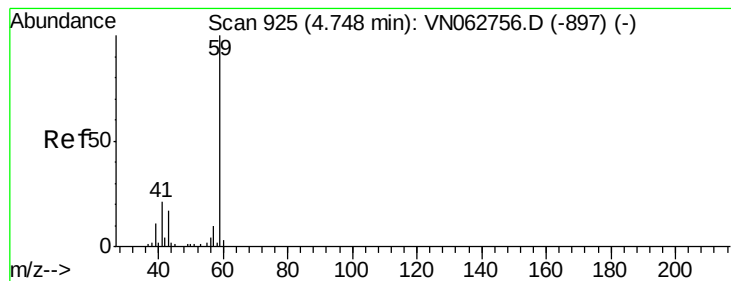


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



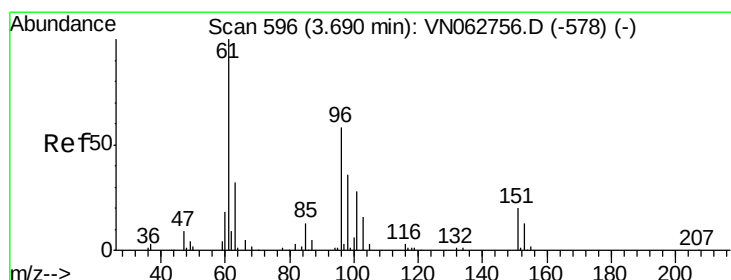
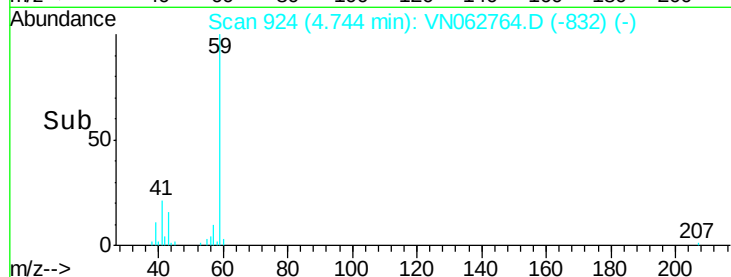
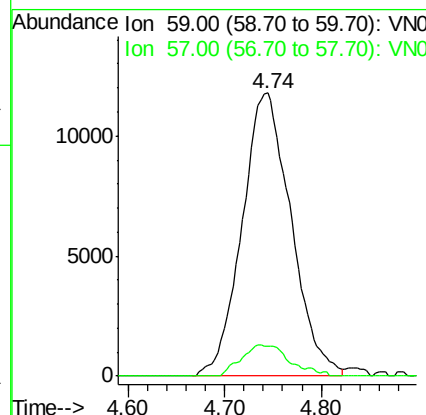
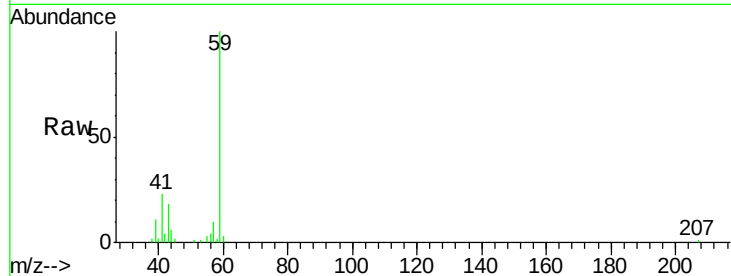


#11

Tert butyl alcohol
 Concen: 89.903 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

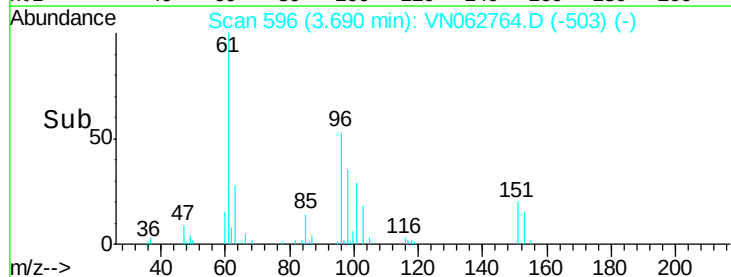
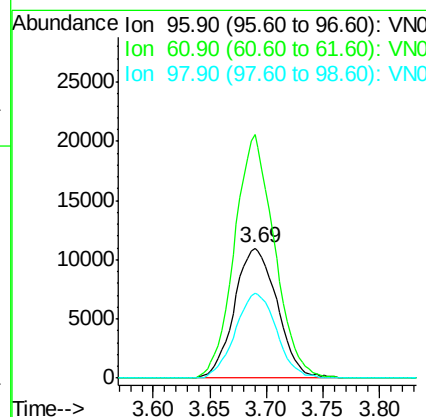
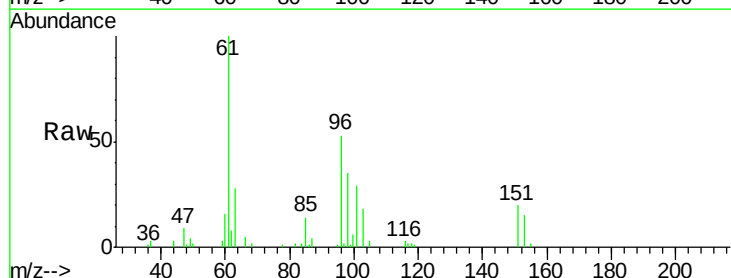
Tot Ion: 59 Resp: 41504
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

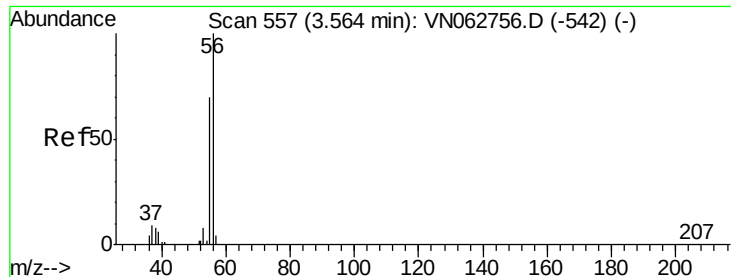


#12

1,1-Dichloroethene
 Concen: 19.207 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 96 Resp: 28906
 Ion Ratio Lower Upper
 96 100
 61 187.6 139.0 208.6
 98 65.9 50.2 75.4





#13

Acrolein

Concen: 75.348 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

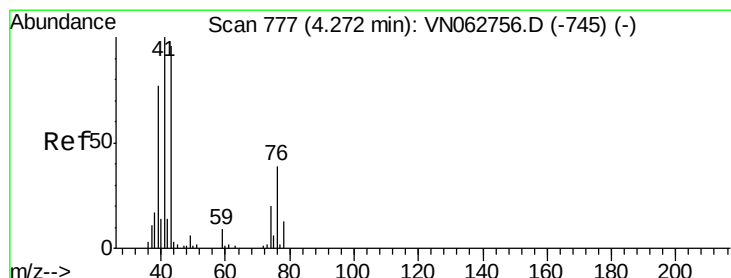
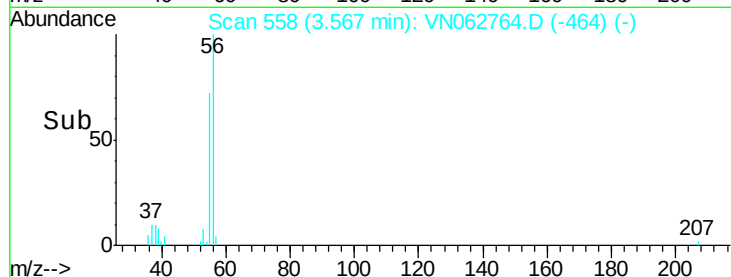
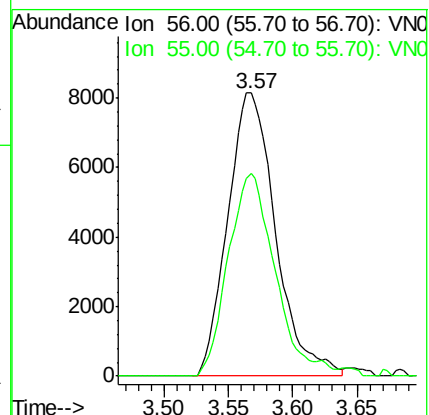
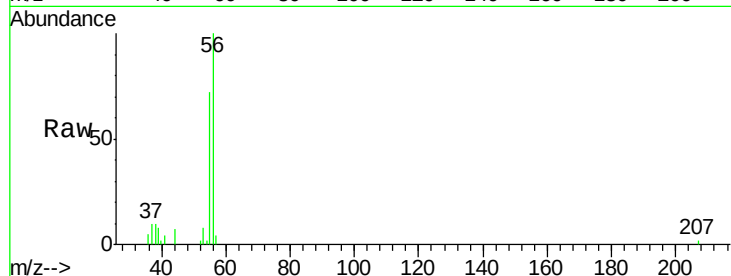
VN0806WBS01

Tot Ion: 56 Resp: 21061

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.6



#14

Allyl chloride

Concen: 18.788 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

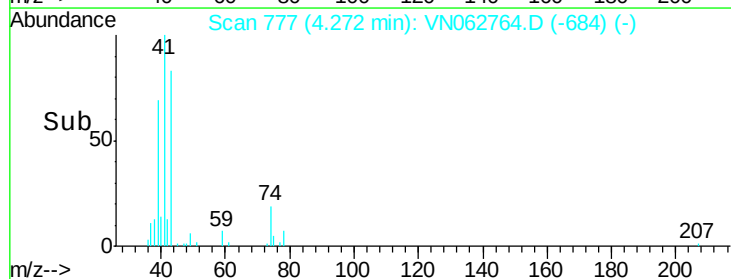
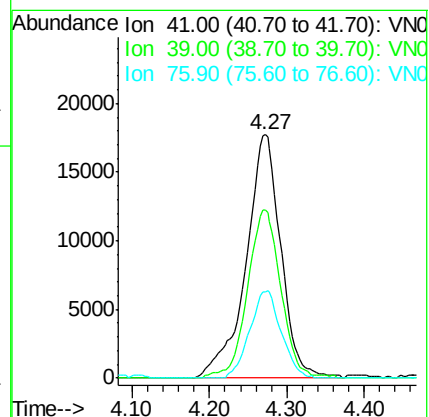
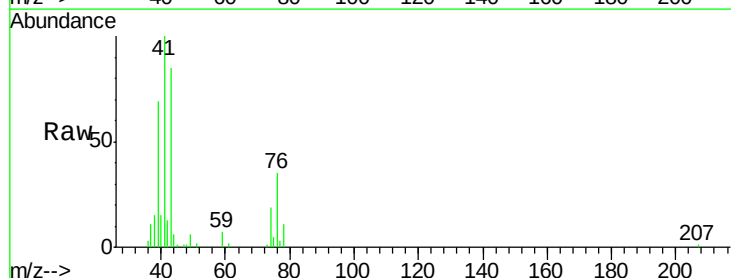
Tgt Ion: 41 Resp: 56029

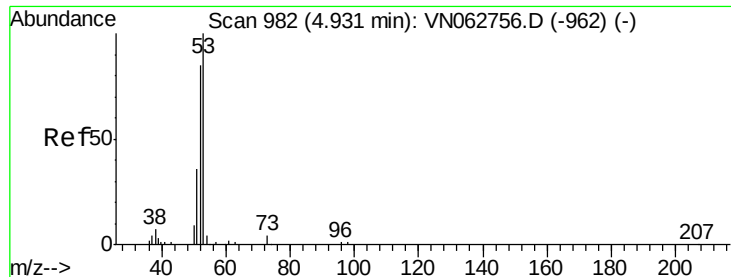
Ion Ratio Lower Upper

41 100

39 65.4 55.7 83.5

76 32.3 27.5 41.3





#15

Acrylonitrile

Concen: 96.612 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

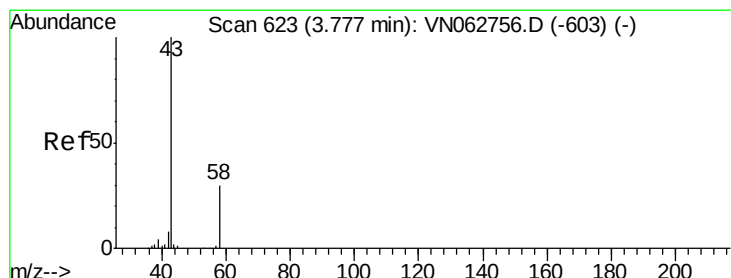
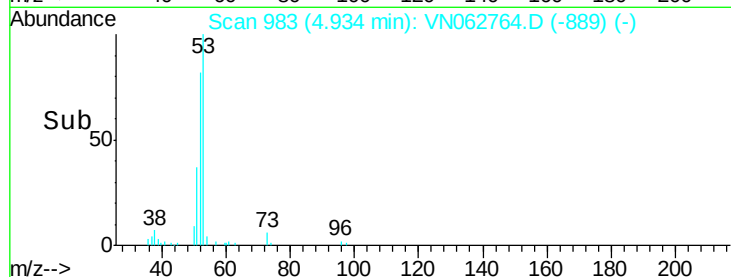
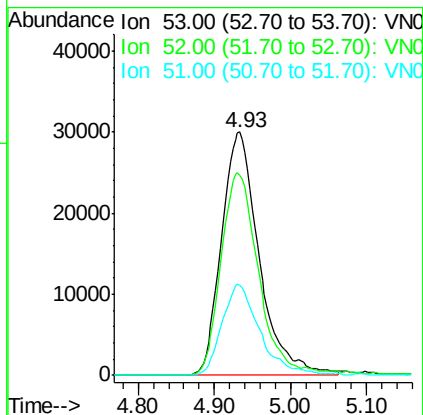
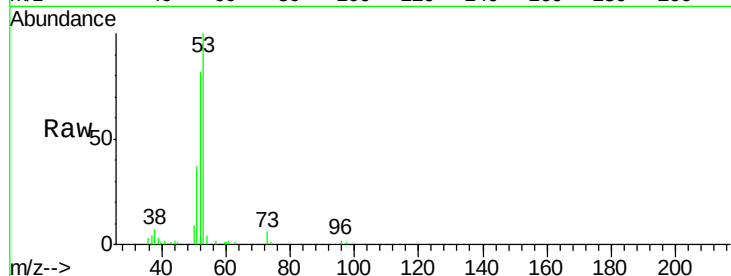
Tot Ion: 53 Resp: 103448

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

51 37.6 29.5 44.3



#16

Acetone

Concen: 91.713 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062764.D

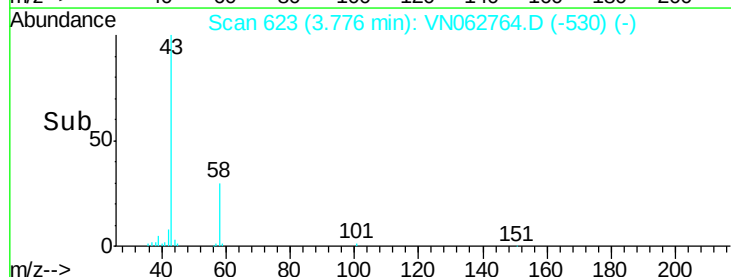
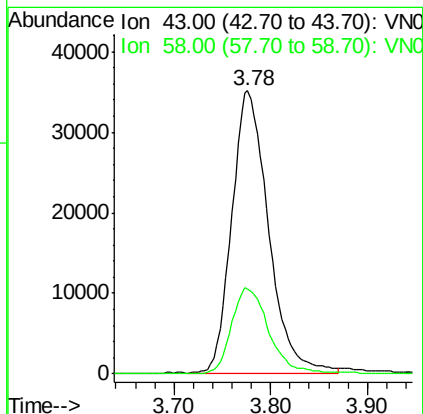
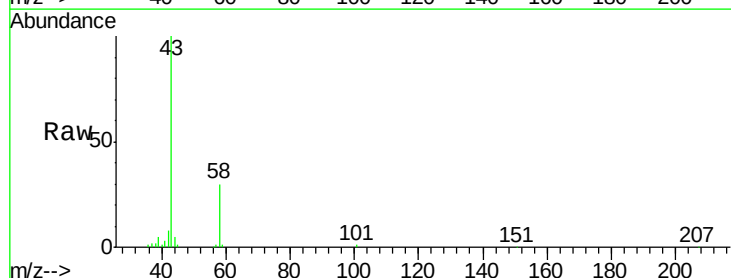
Acq: 6 Aug 2020 14:12

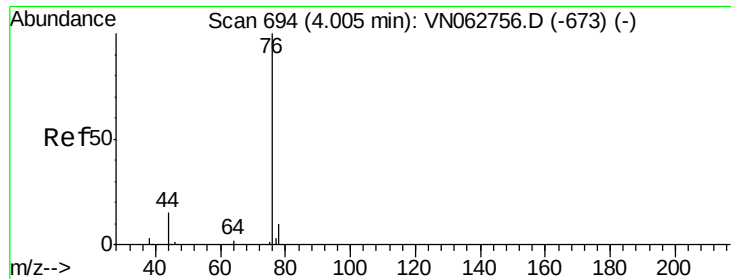
Tgt Ion: 43 Resp: 93344

Ion Ratio Lower Upper

43 100

58 30.2 24.1 36.1





#17

Carbon Disulfide

Concen: 18.172 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

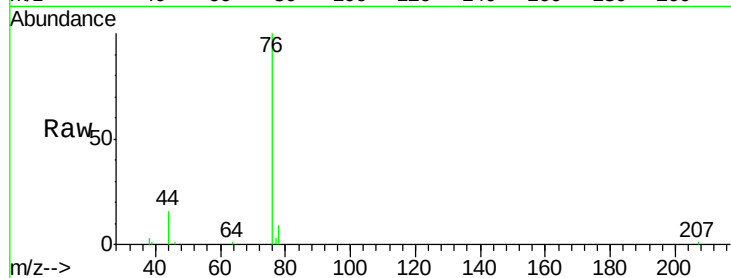
VN0806WBS01

Tot Ion: 76 Resp: 77272

Ion Ratio Lower Upper

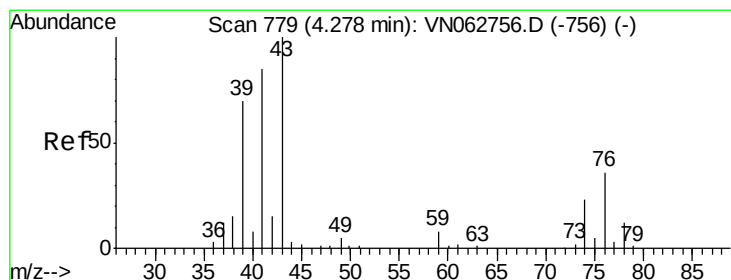
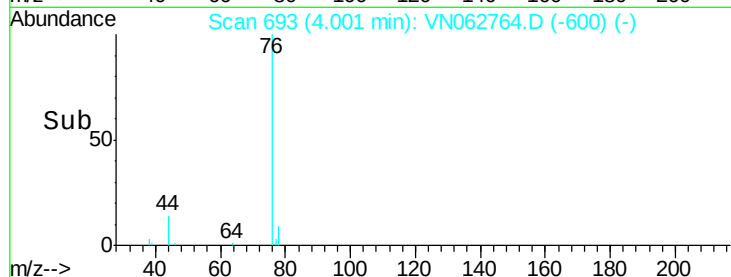
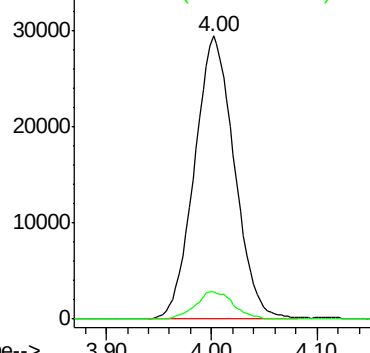
76 100

78 9.5 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.276 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062764.D

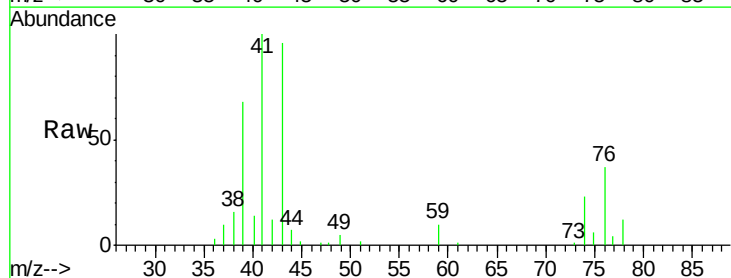
Acq: 6 Aug 2020 14:12

Tgt Ion: 43 Resp: 48072

Ion Ratio Lower Upper

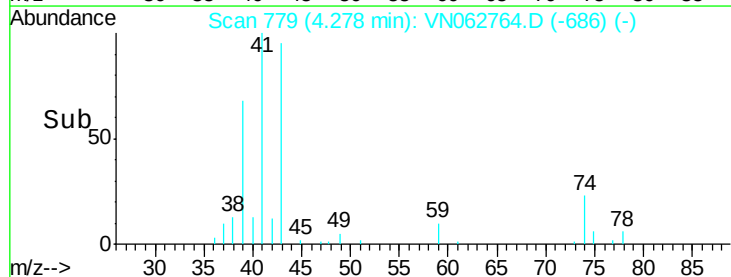
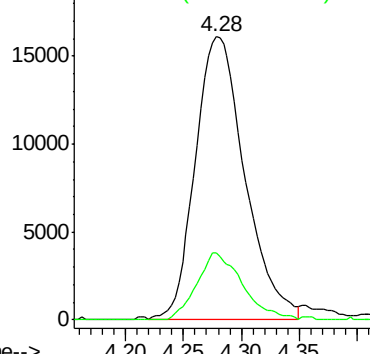
43 100

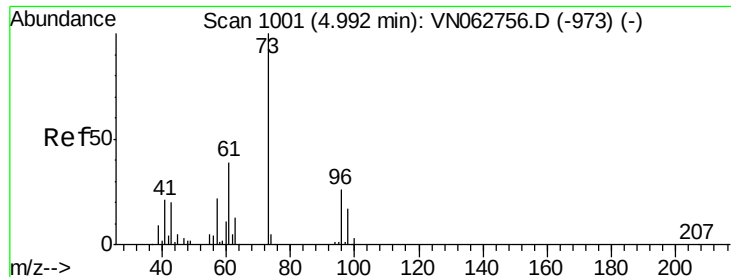
74 21.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

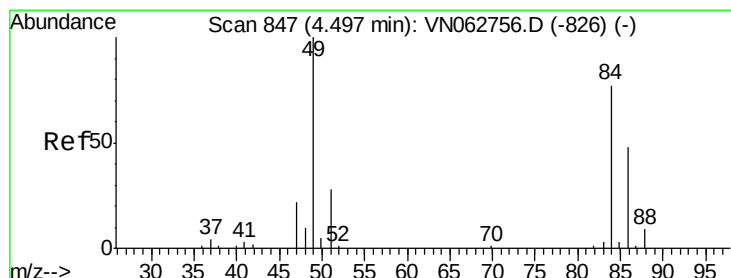
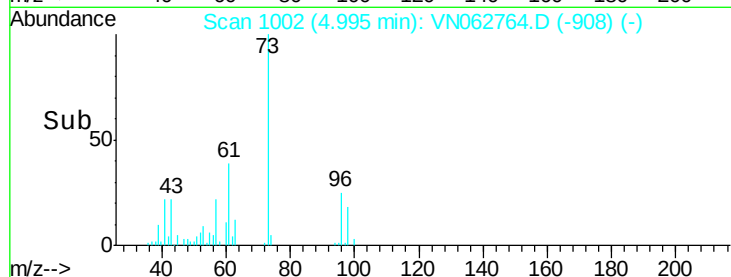
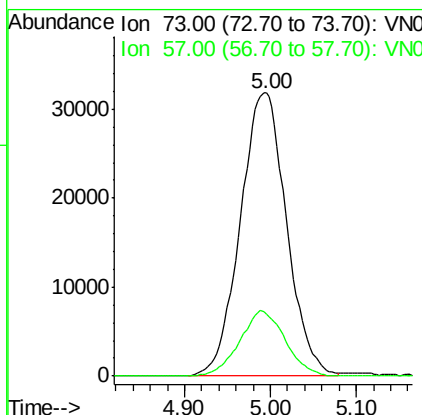
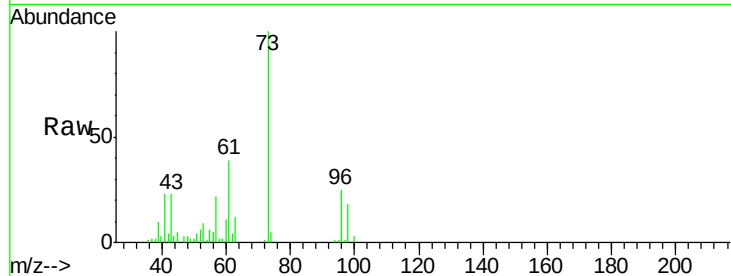




#19
Methyl tert-butyl Ether
Concen: 18.031 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

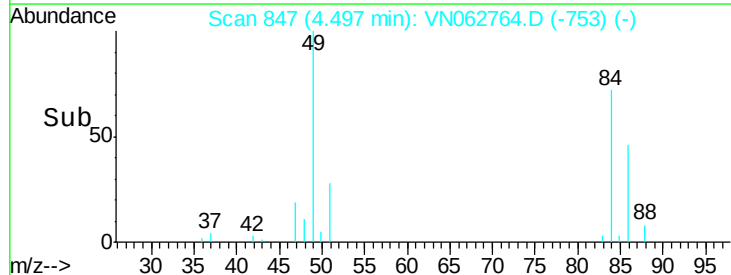
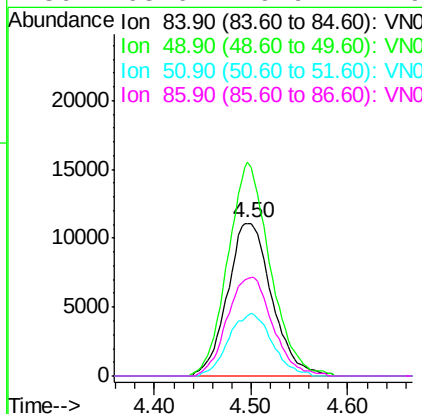
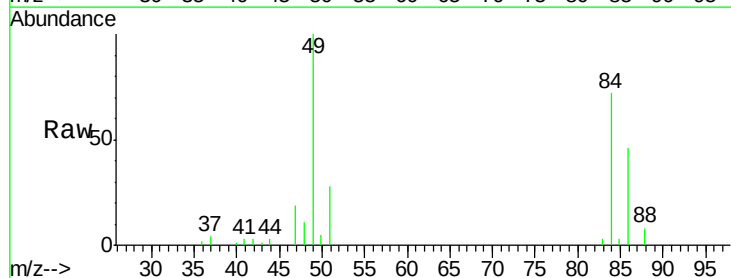
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

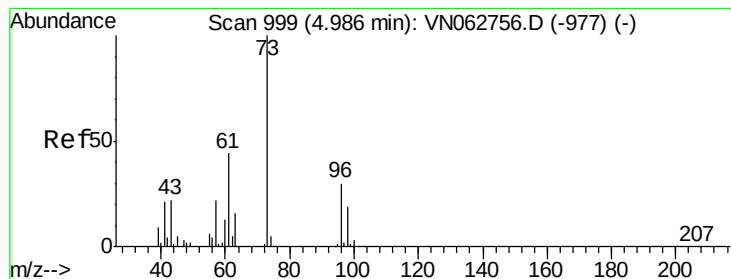
Tot Ion: 73 Resp: 118992
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3



#20
Methylene Chloride
Concen: 18.502 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 84 Resp: 35354
Ion Ratio Lower Upper
84 100
49 139.8 103.4 155.2
51 39.7 29.3 43.9
86 63.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.772 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

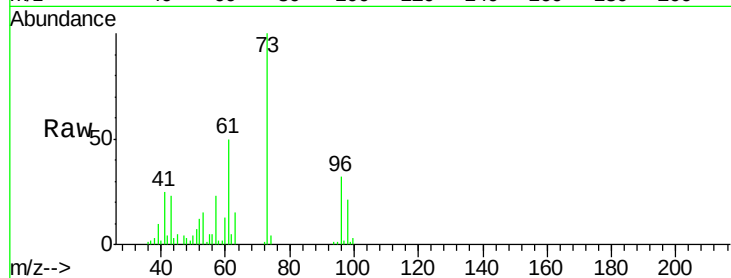
Tot Ion: 96 Resp: 30292

Ion Ratio Lower Upper

96 100

61 156.1 118.8 178.2

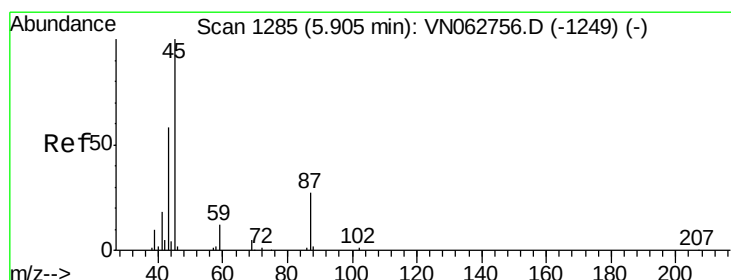
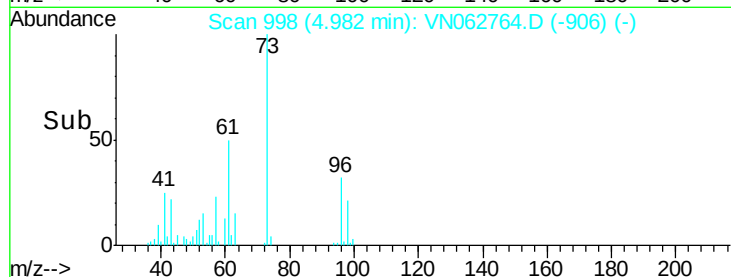
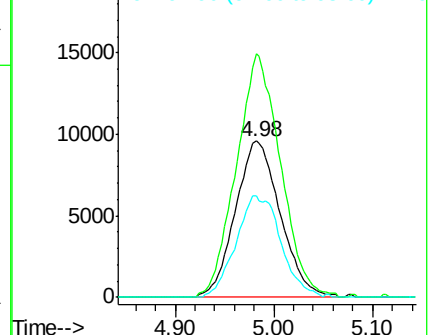
98 64.8 51.0 76.4



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



#22

Diisopropyl ether

Concen: 20.060 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion: 45 Resp: 127346

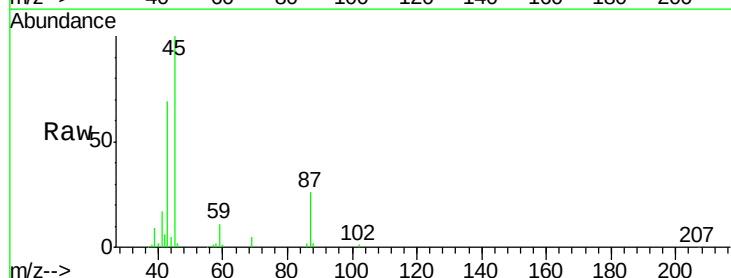
Ion Ratio Lower Upper

45 100

43 66.1 47.4 71.2

87 25.8 22.8 34.2

59 10.7 9.9 14.9

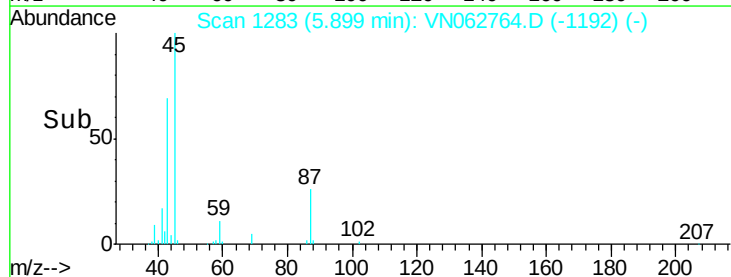
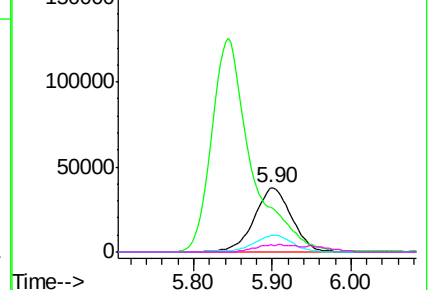


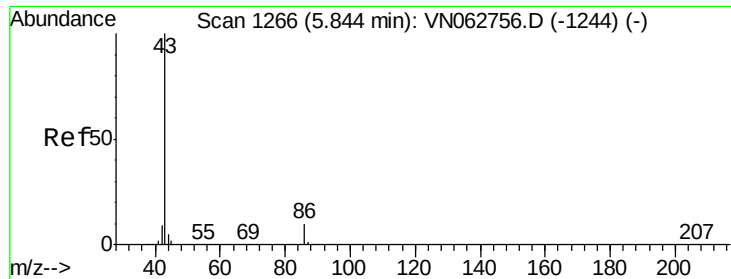
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

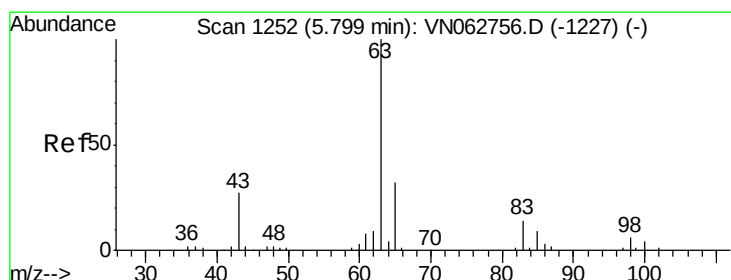
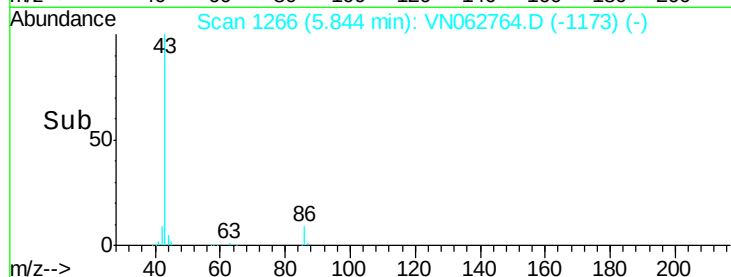
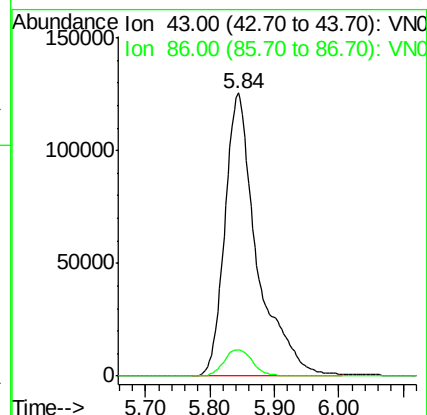
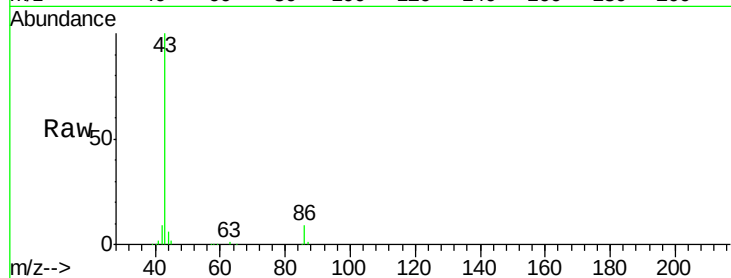




#23
 Vinyl Acetate
 Concen: 90.374 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

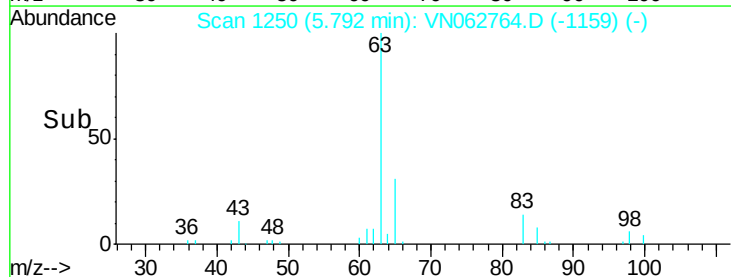
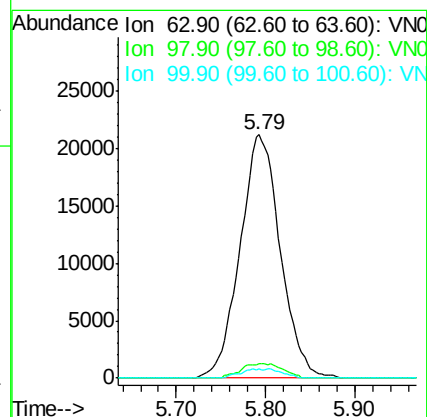
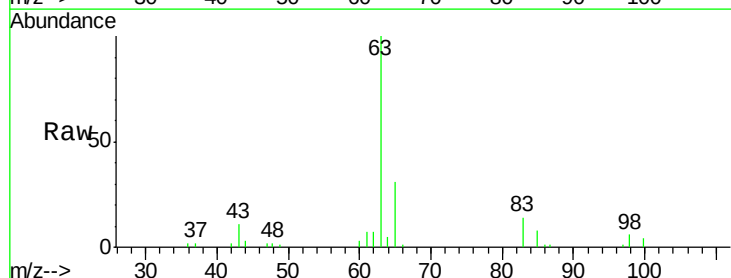
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

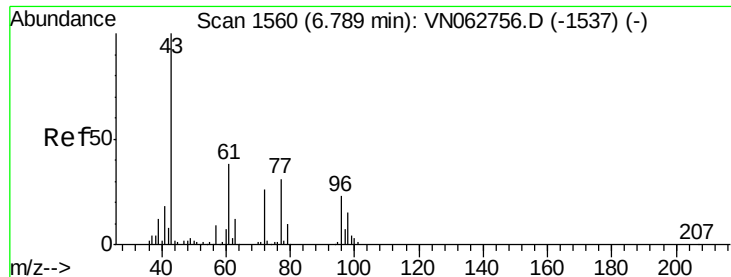
Tot Ion: 43 Resp: 436386
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 17.864 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 63 Resp: 66458
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.2
 100 3.6 1.9 5.7

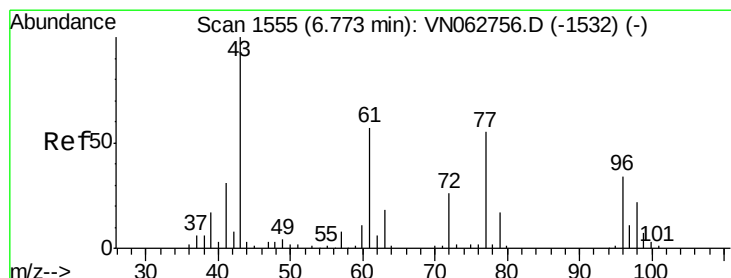
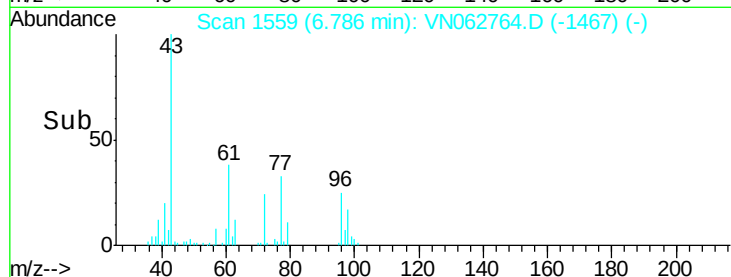
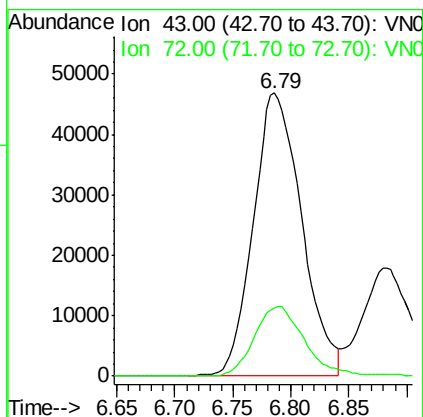
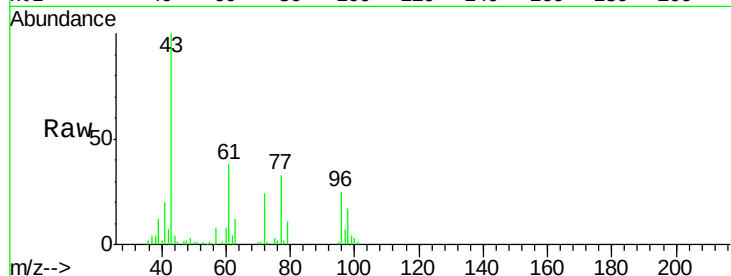




#25
2-Butanone
Concen: 94.404 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

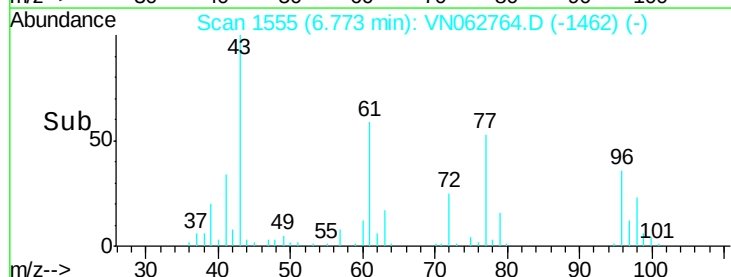
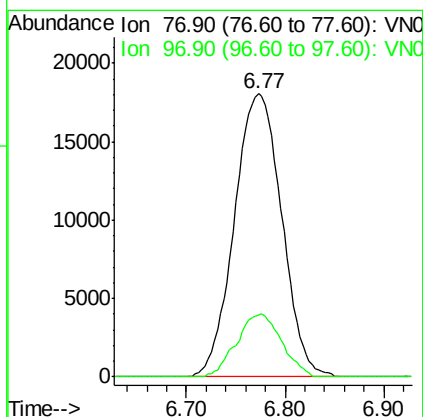
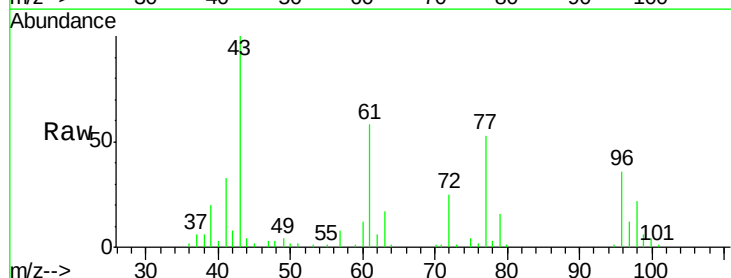
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

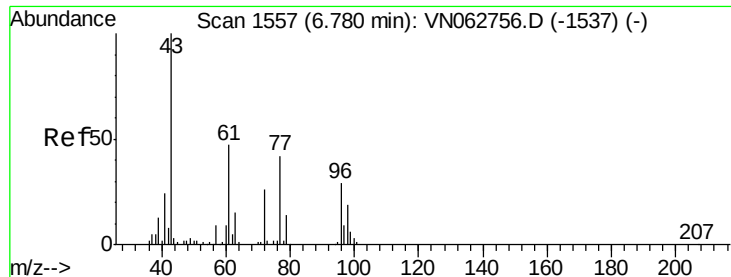
Tot Ion: 43 Resp: 136084
Ion Ratio Lower Upper
43 100
72 24.2 21.1 31.7



#26
2,2-Dichloropropane
Concen: 17.461 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 77 Resp: 59878
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.308 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

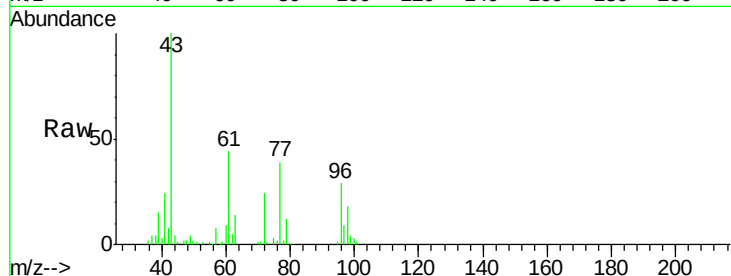
Tot Ion: 96 Resp: 37435

Ion Ratio Lower Upper

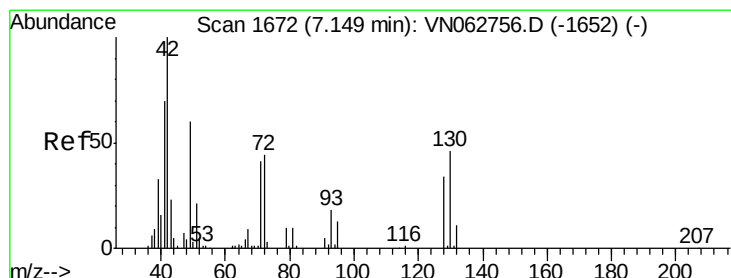
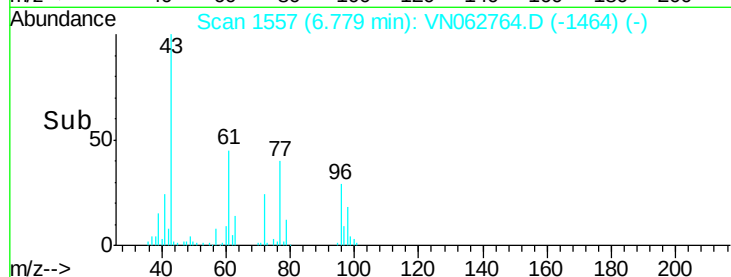
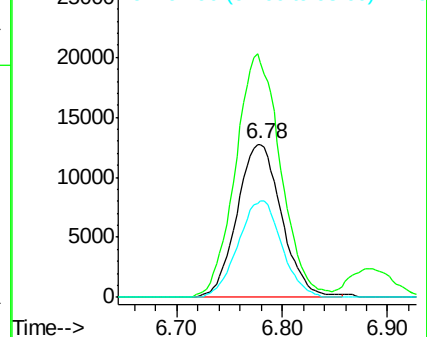
96 100

61 161.0 0.0 332.2

98 61.7 0.0 129.4



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



#28

Bromochloromethane

Concen: 19.492 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

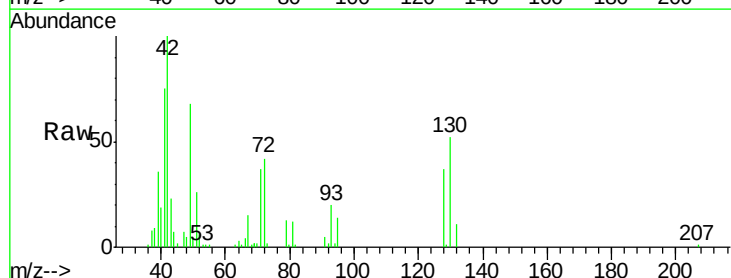
Tgt Ion: 49 Resp: 34998

Ion Ratio Lower Upper

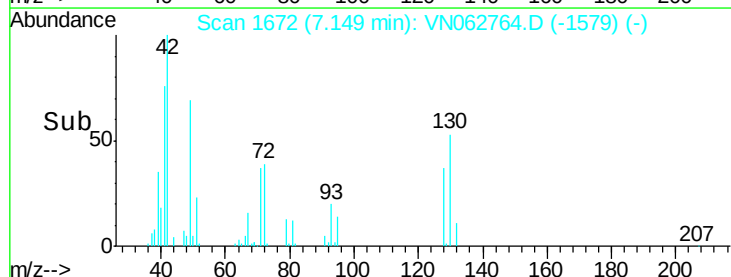
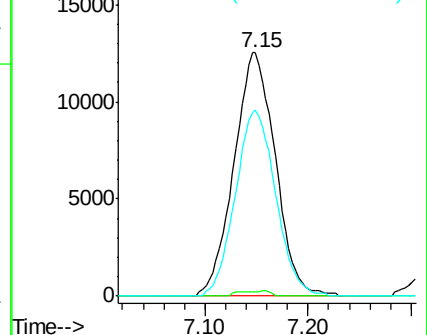
49 100

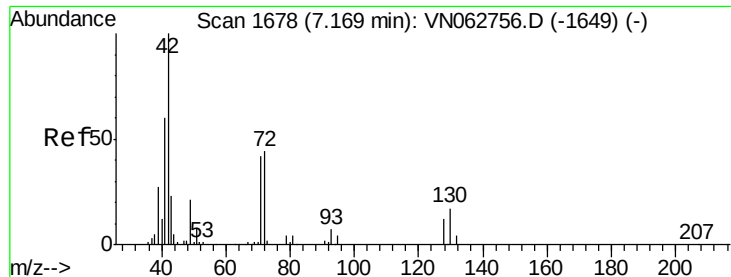
129 1.6 0.0 3.2

130 74.4 59.0 88.6



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

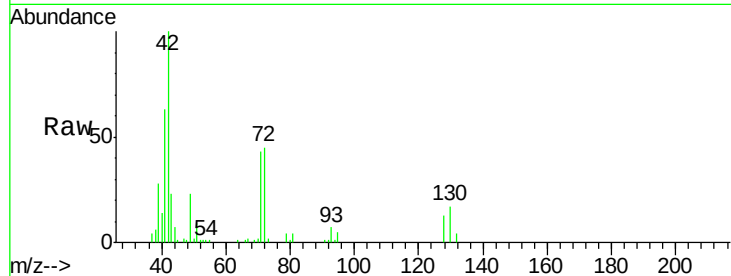




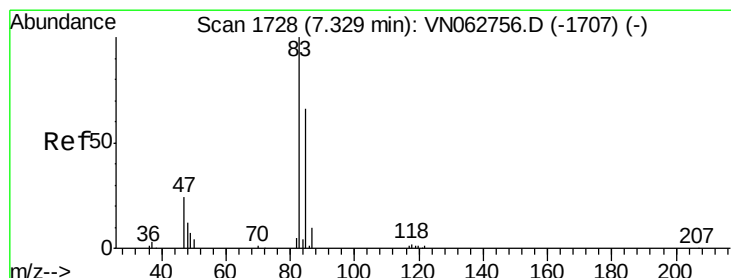
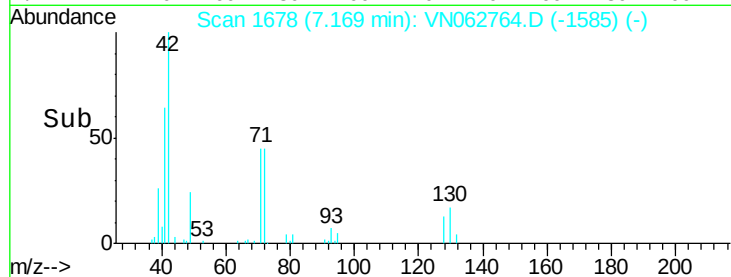
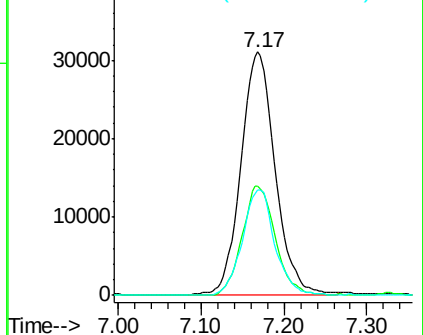
#29
Tetrahydrofuran
Concen: 95.427 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.0	52.4
71	40.7	33.2	49.8

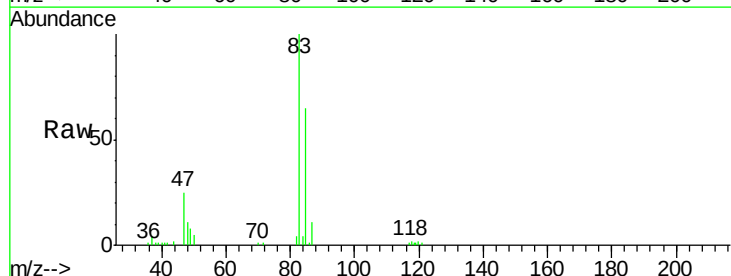


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

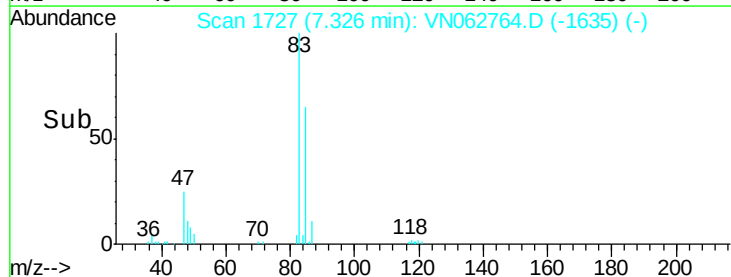
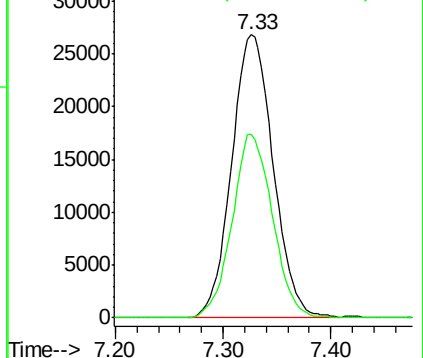


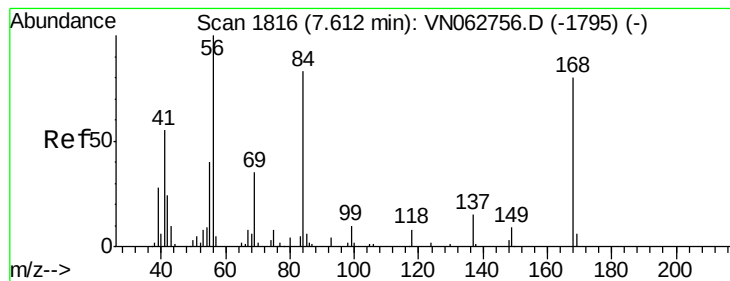
#30
Chloroform
Concen: 18.166 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.7	79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.160 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

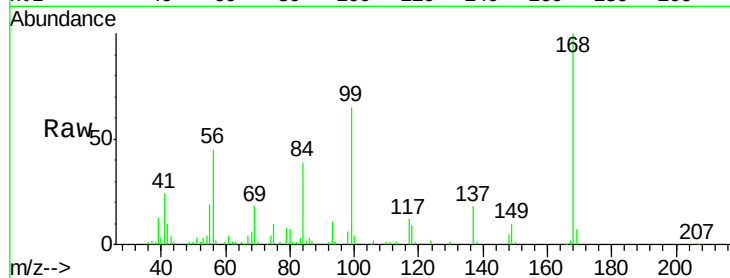
Tot Ion: 56 Resp: 65432

Ion Ratio Lower Upper

56 100

69 39.8 28.1 42.1

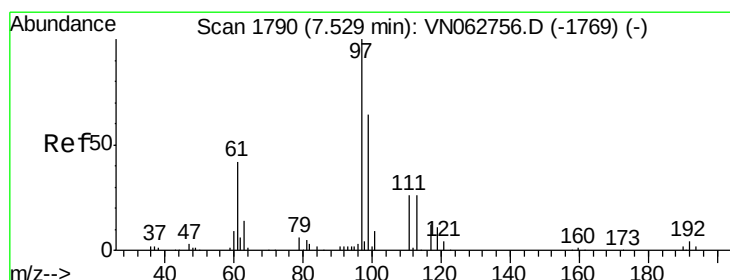
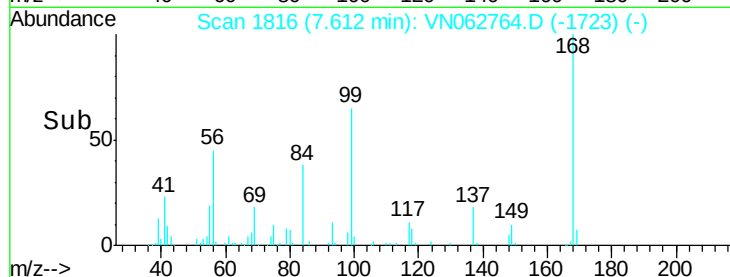
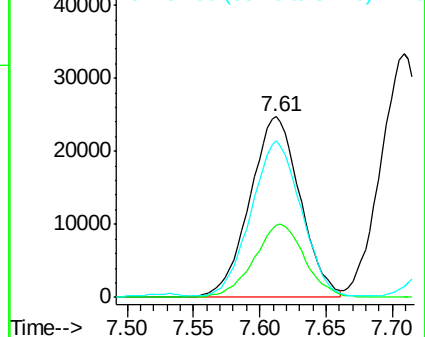
84 85.8 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.683 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

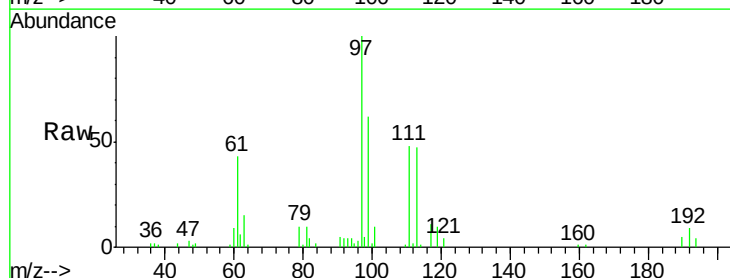
Tgt Ion: 97 Resp: 62507

Ion Ratio Lower Upper

97 100

99 63.5 50.0 75.0

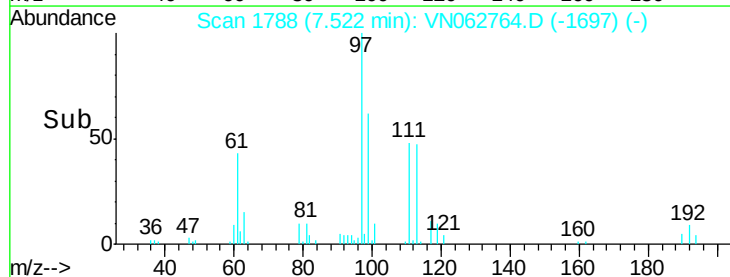
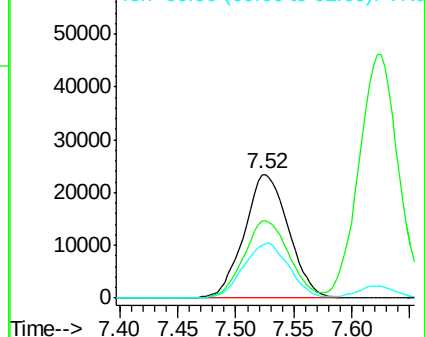
61 45.5 34.8 52.2

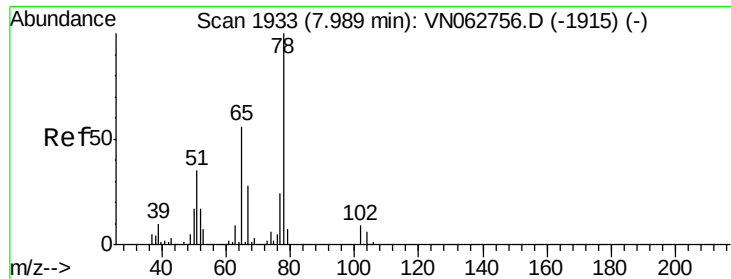


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

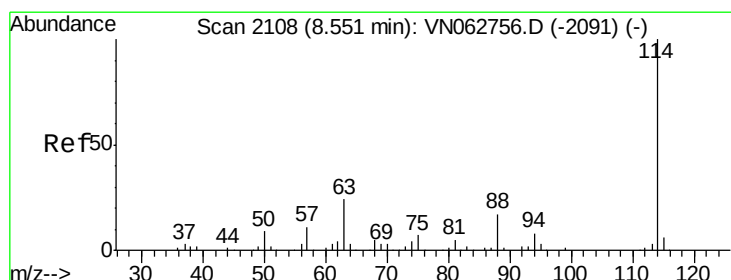
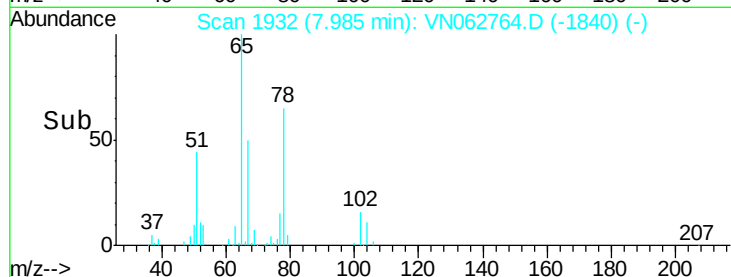
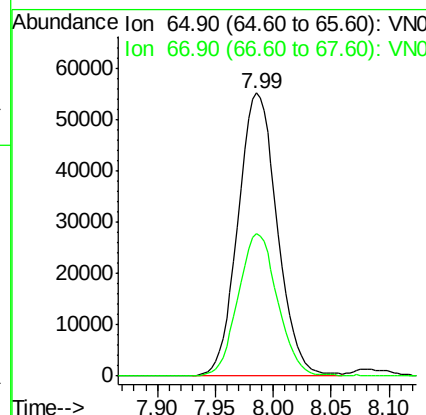
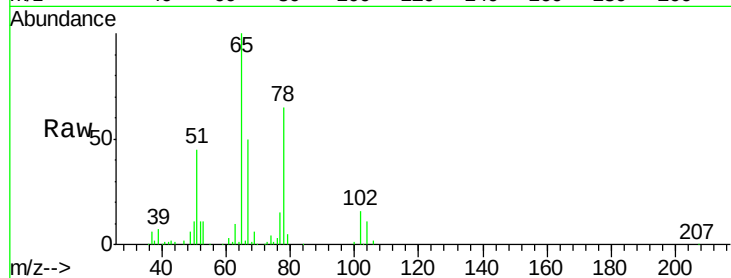




#33
 1,2-Dichloroethane-d4
 Concen: 46.235 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

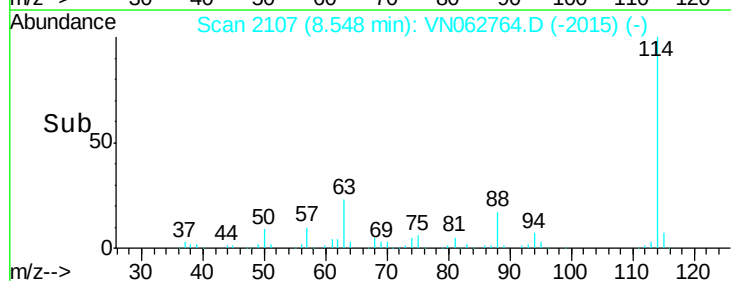
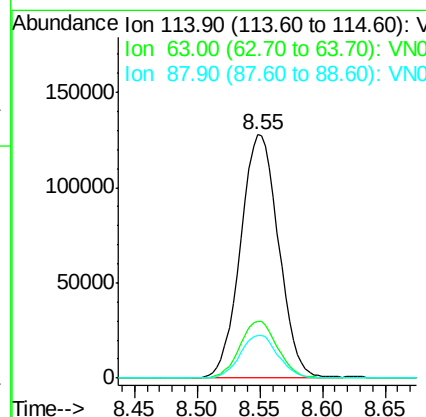
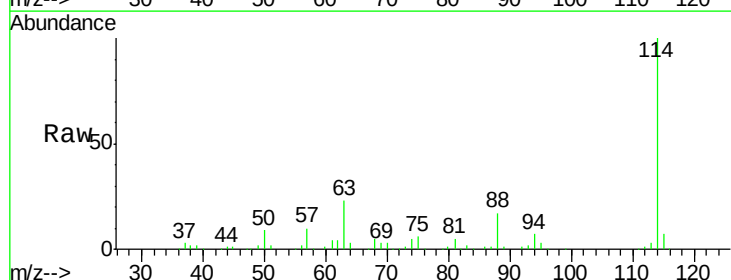
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

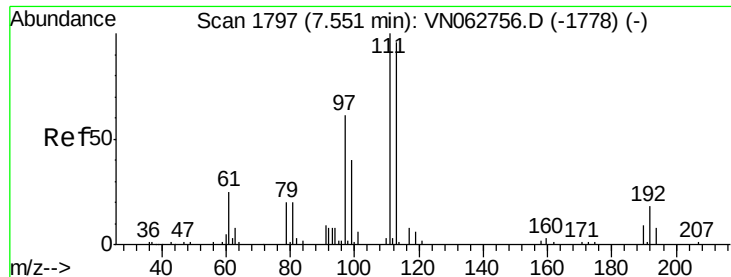
Tot Ion: 65 Resp: 130232
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 114 Resp: 270476
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.6
 88 17.4 0.0 34.4

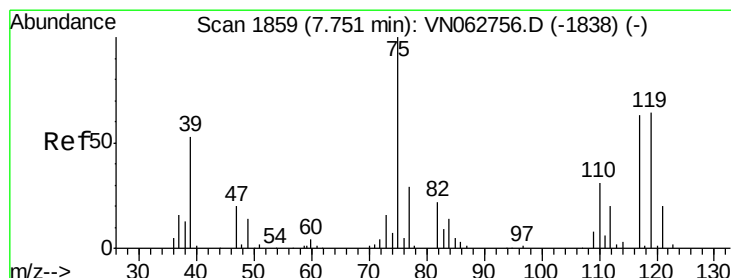
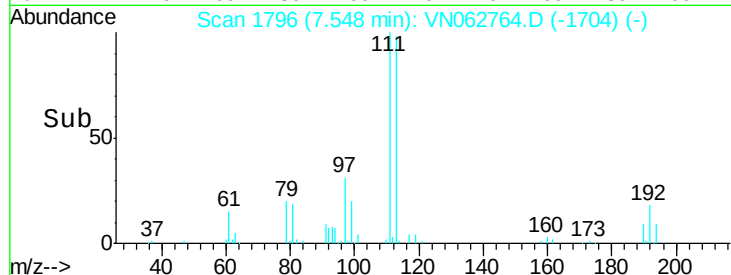
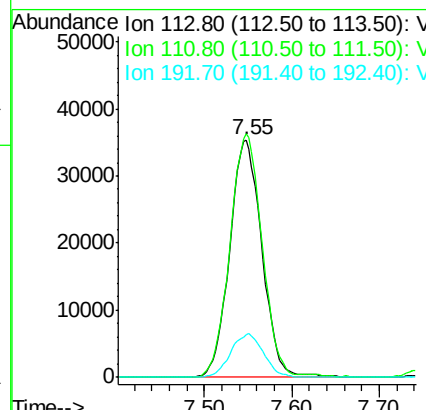
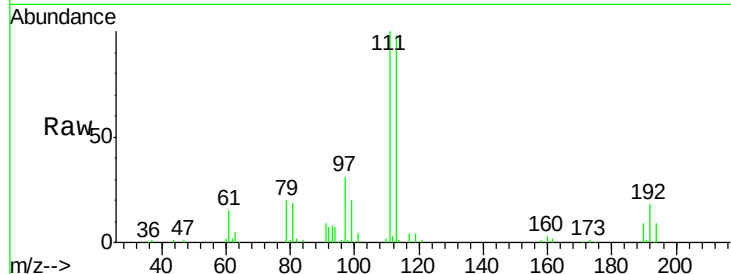




#35
 Dibromofluoromethane
 Concen: 48.793 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

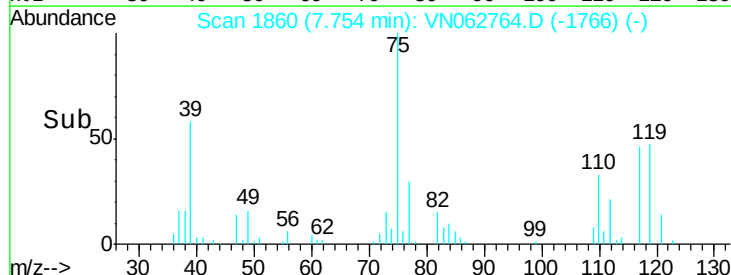
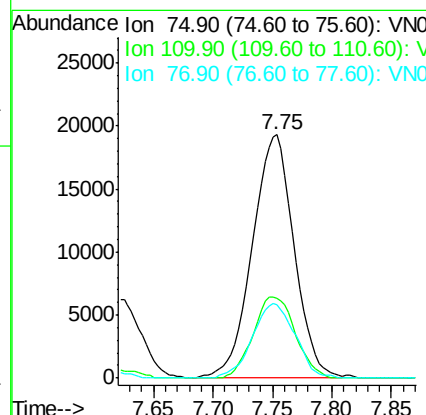
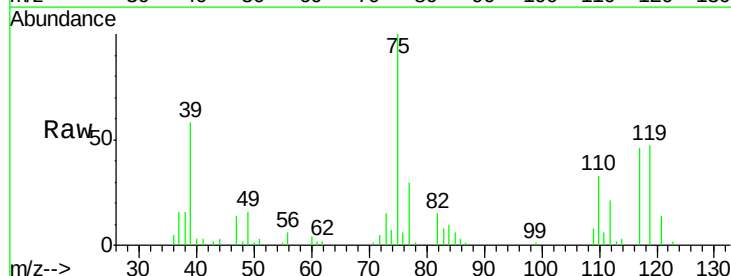
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

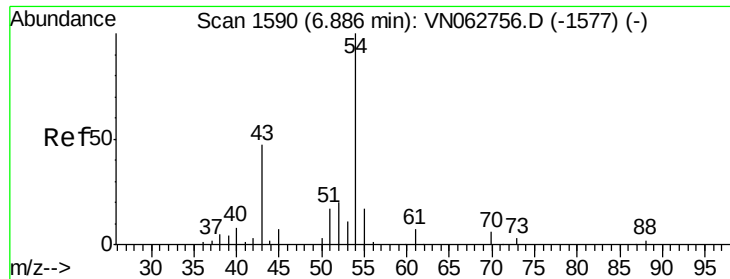
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	18.7	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 17.823 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	15.6	46.7
77	31.3	24.1	36.1

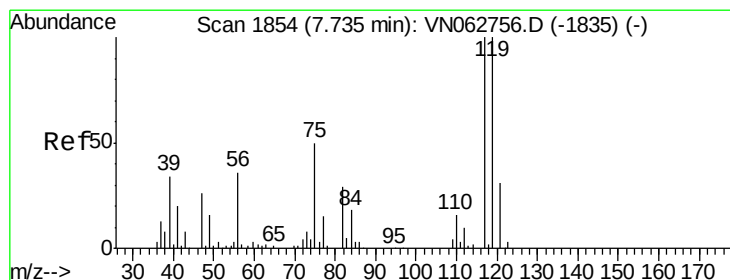
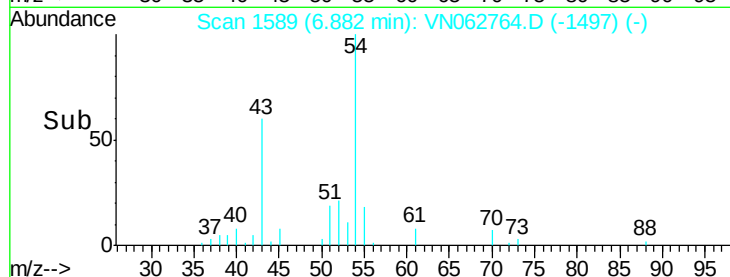
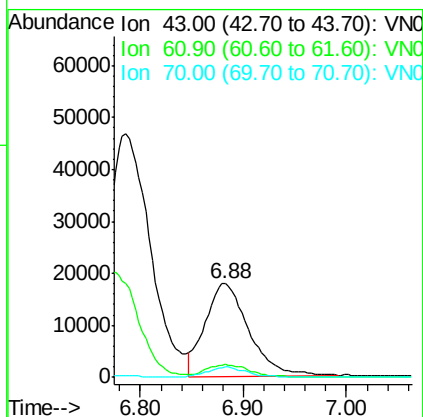
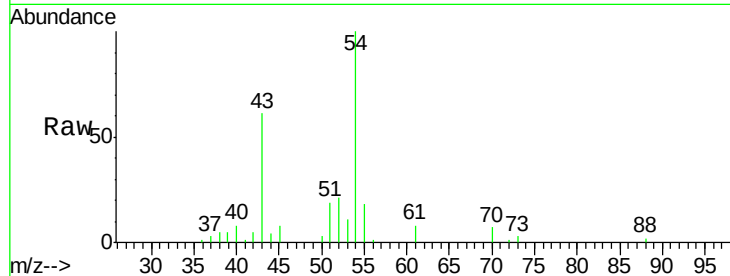




#37
Ethyl Acetate
Concen: 18.903 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

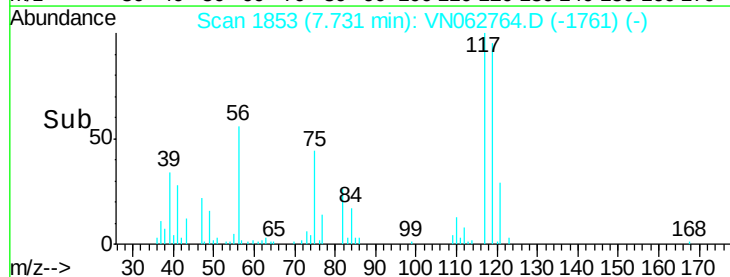
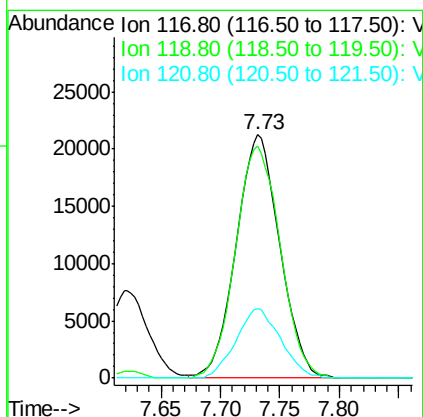
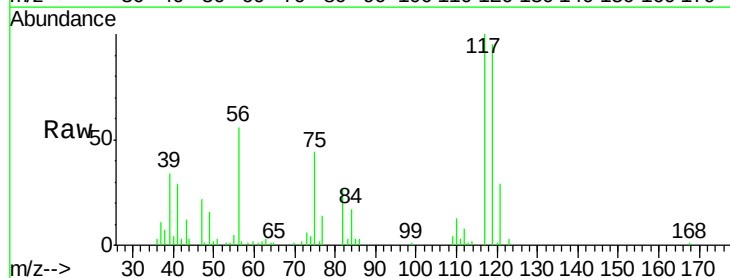
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

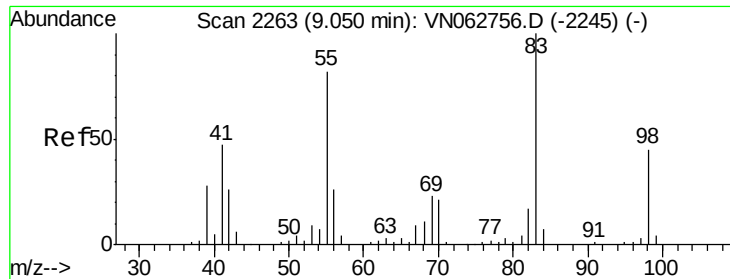
Tot Ion: 43 Resp: 52003
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 10.0 8.3 12.5



#38
Carbon Tetrachloride
Concen: 17.304 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 117 Resp: 53899
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.2
121 28.8 24.9 37.3

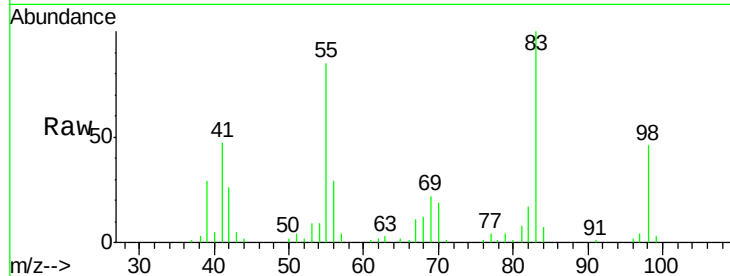




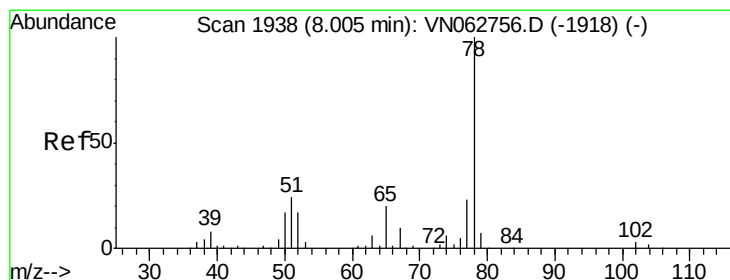
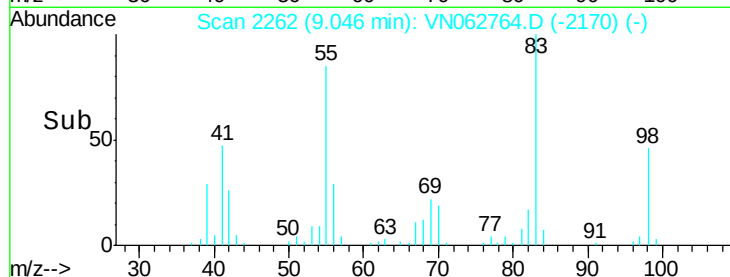
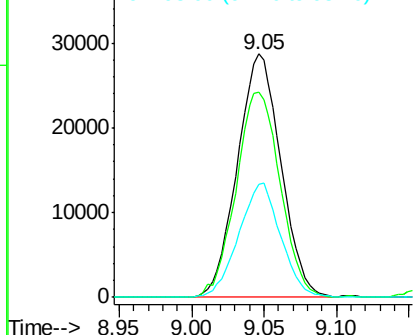
#39
Methylvlcyclohexane
Concen: 18.927 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion: 83 Resp: 59988
Ion Ratio Lower Upper
83 100
55 84.5 65.7 98.5
98 46.4 35.6 53.4

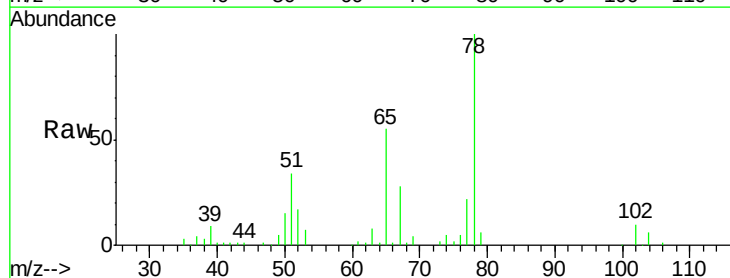


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

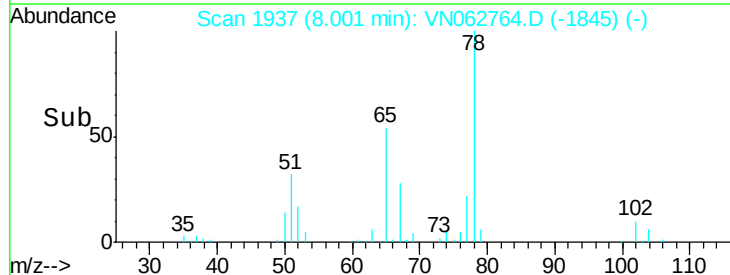
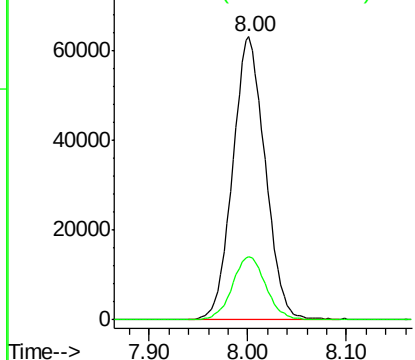


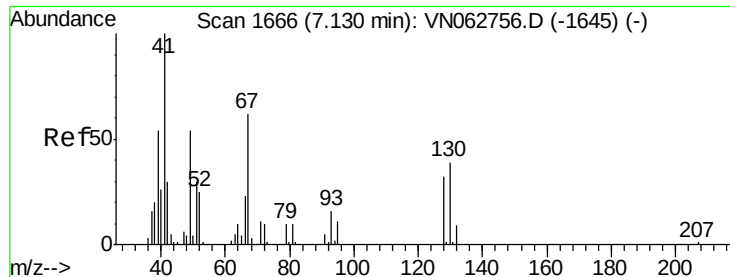
#40
Benzene
Concen: 18.409 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 78 Resp: 144675
Ion Ratio Lower Upper
78 100
77 22.4 18.1 27.1



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

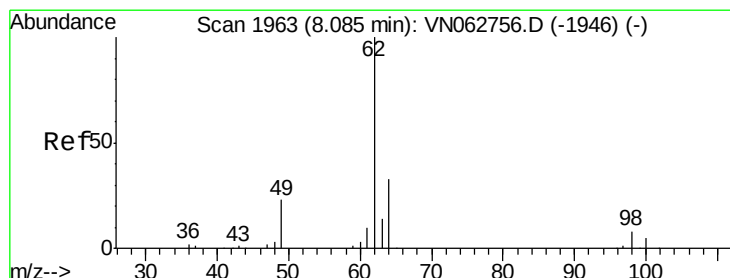
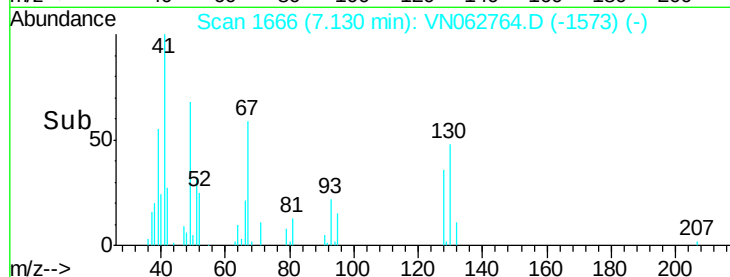
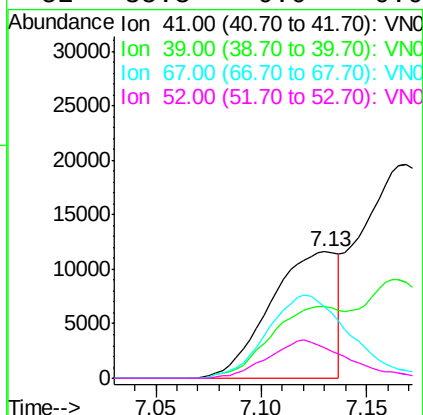
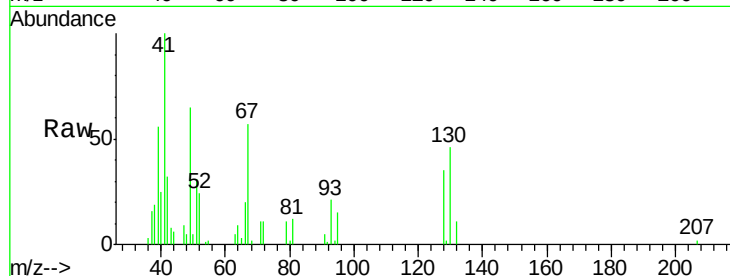




#41
Methacrylonitrile
Concen: 20.787 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

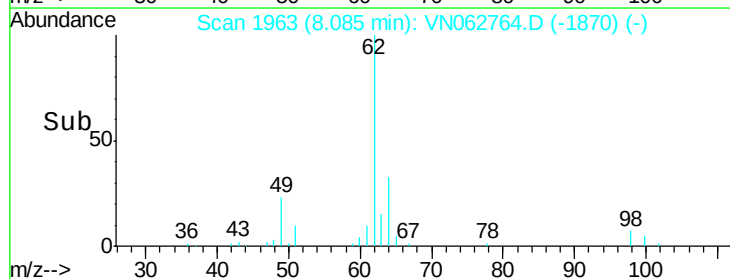
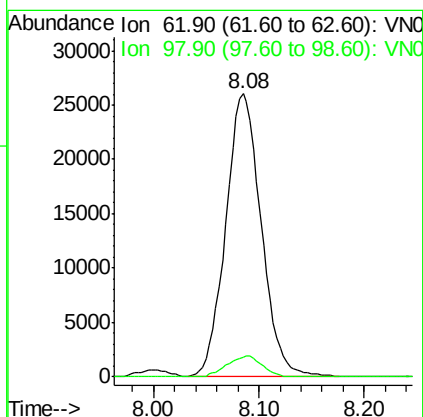
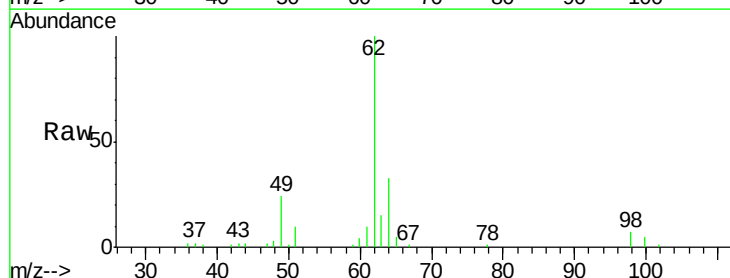
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

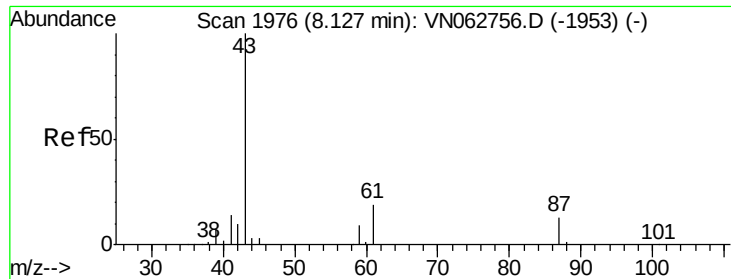
Tot Ion: 41 Resp: 25805
Ion Ratio Lower Upper
41 100
39 60.5 69.4 104.2#
67 81.7 0.0 0.0#
52 35.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.184 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 62 Resp: 60825
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.8





#43

Isopropyl Acetate

Concen: 18.694 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

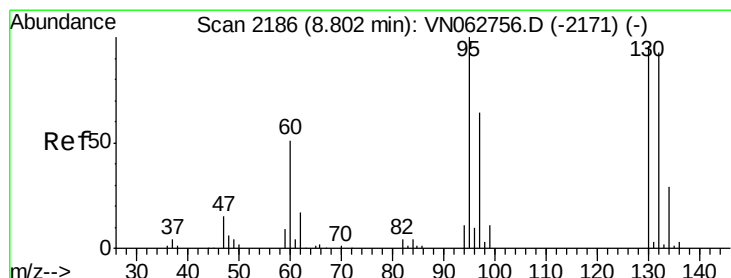
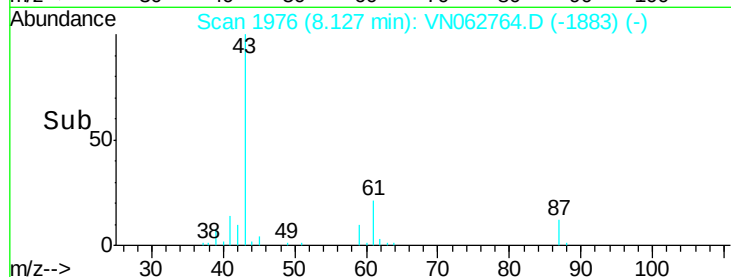
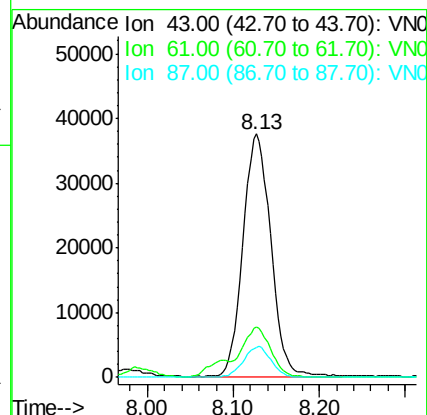
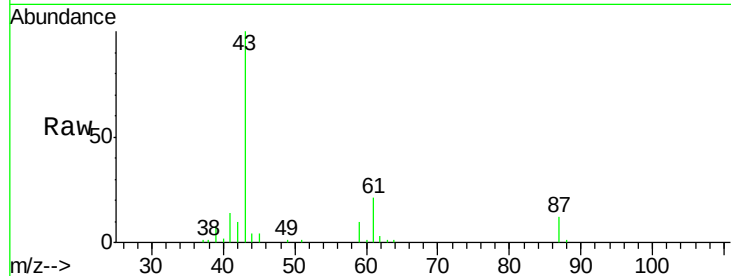
Tot Ion: 43 Resp: 85784

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.6

87 12.3 9.9 14.9



#44

Trichloroethene

Concen: 17.856 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062764.D

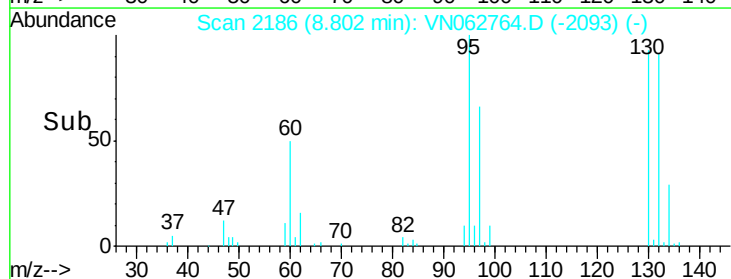
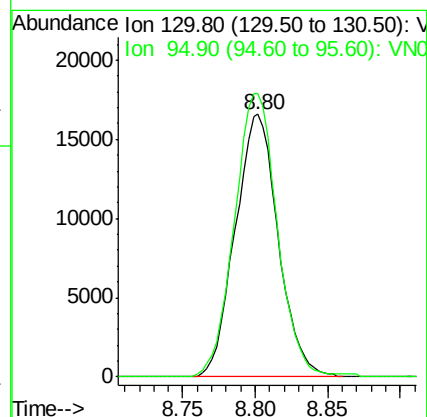
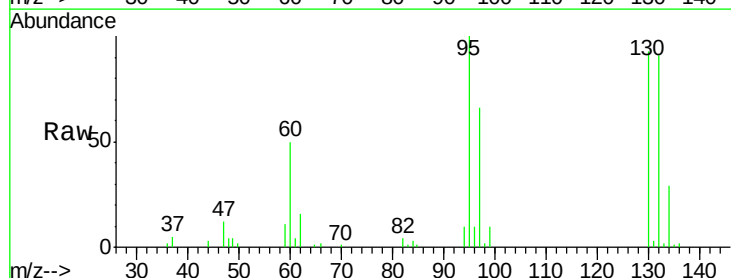
Acq: 6 Aug 2020 14:12

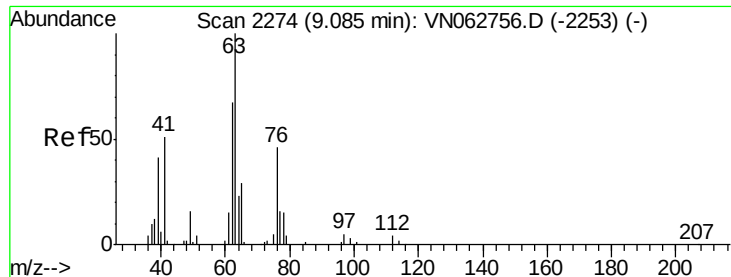
Tgt Ion:130 Resp: 34188

Ion Ratio Lower Upper

130 100

95 107.9 0.0 207.6





#45

1,2-Dichloropropane

Concen: 19.115 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

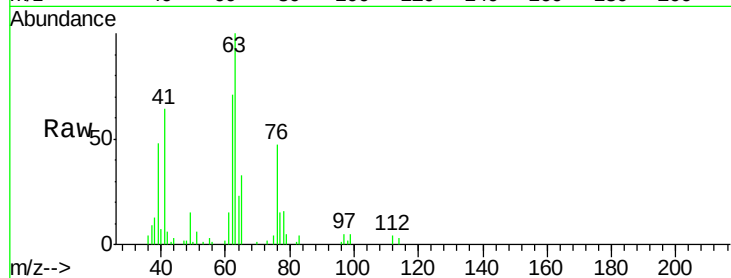
VN0806WBS01

Tot Ion: 63 Resp: 40658

Ion Ratio Lower Upper

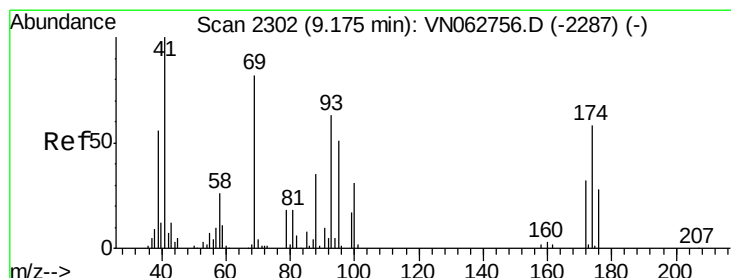
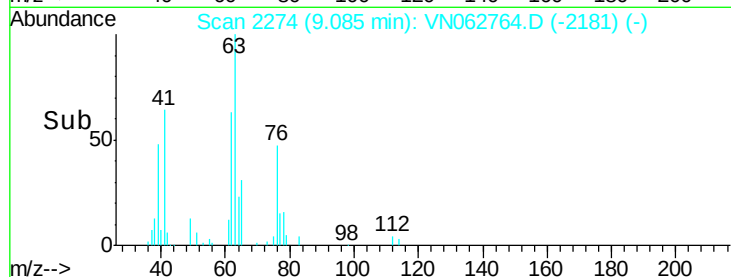
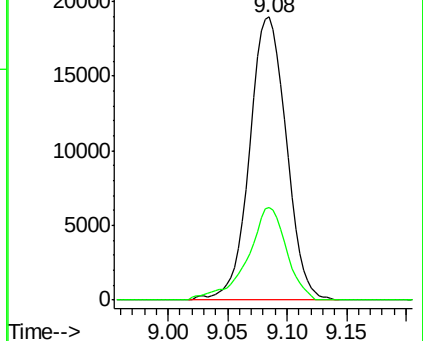
63 100

65 32.9 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.335 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

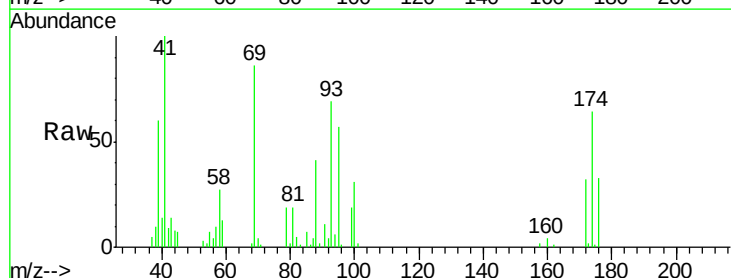
Tgt Ion: 93 Resp: 25553

Ion Ratio Lower Upper

93 100

95 84.0 65.1 97.7

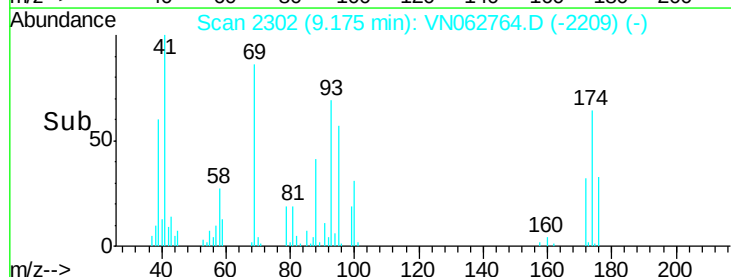
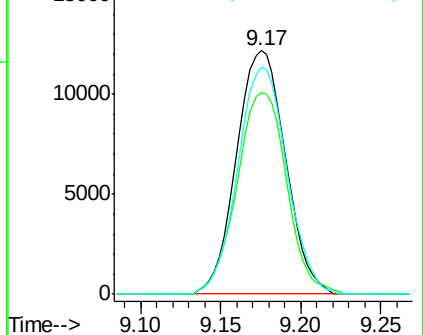
174 93.6 73.9 110.9

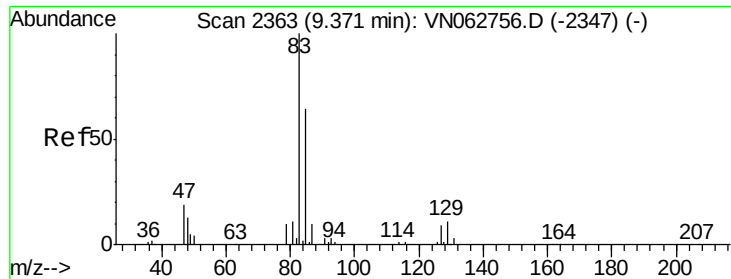


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.635 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

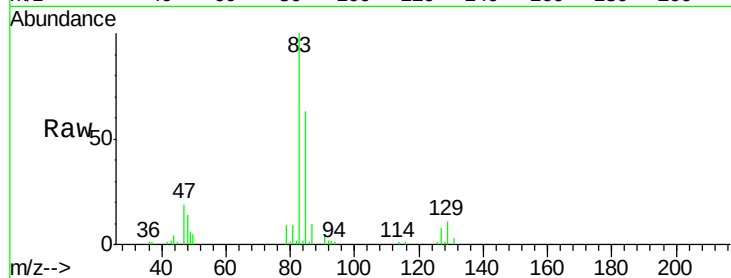
Tot Ion: 83 Resp: 58330

Ion Ratio Lower Upper

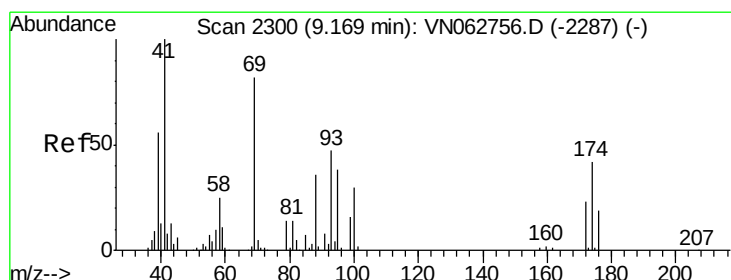
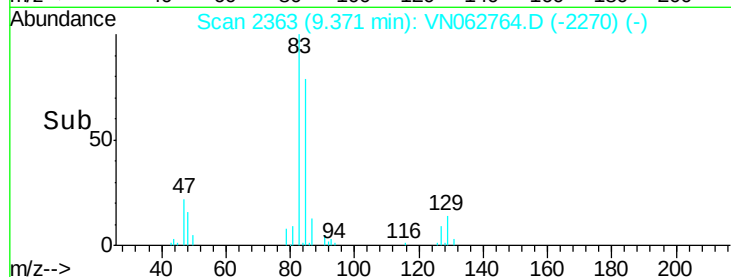
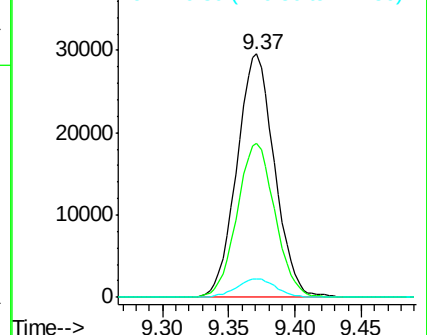
83 100

85 63.5 51.4 77.0

127 7.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.856 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

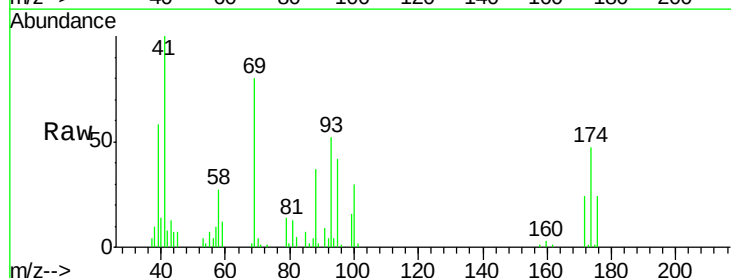
Tgt Ion: 41 Resp: 40301

Ion Ratio Lower Upper

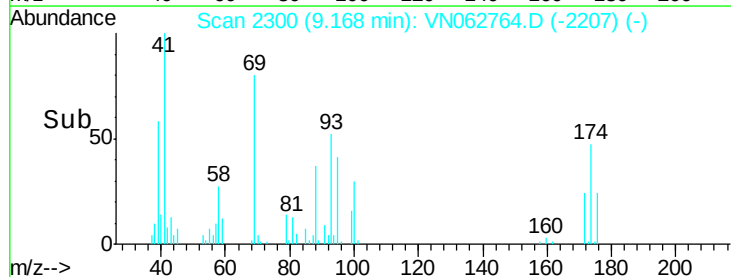
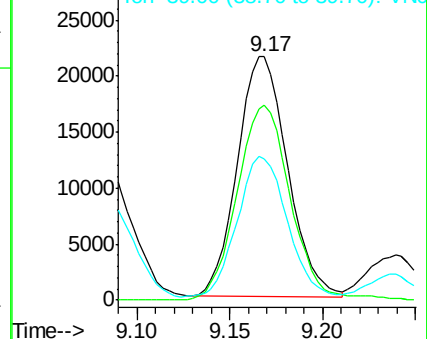
41 100

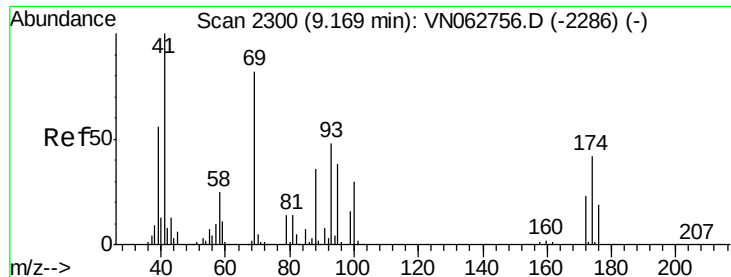
69 86.7 67.4 101.2

39 58.5 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

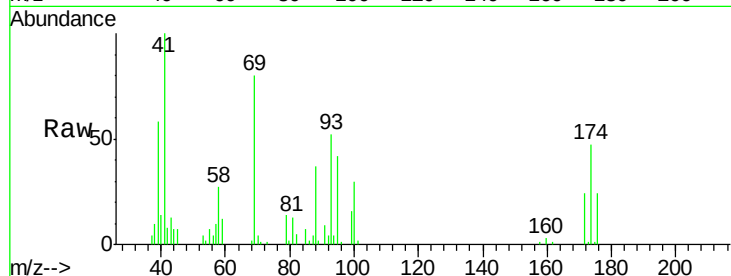




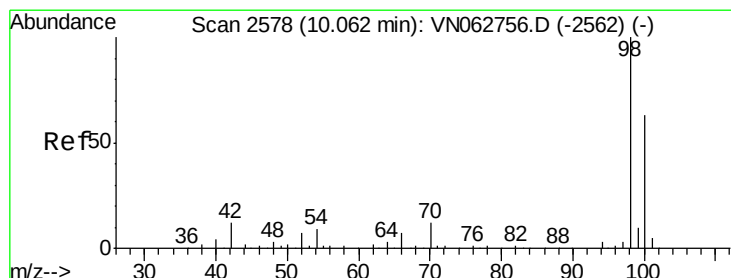
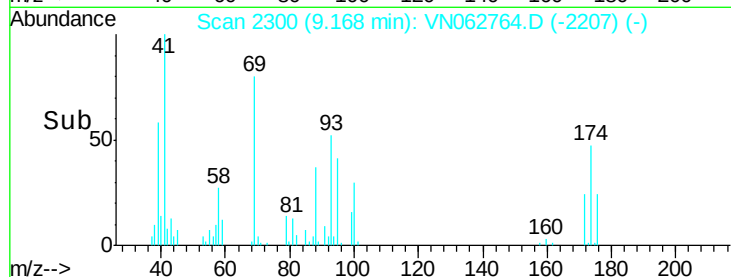
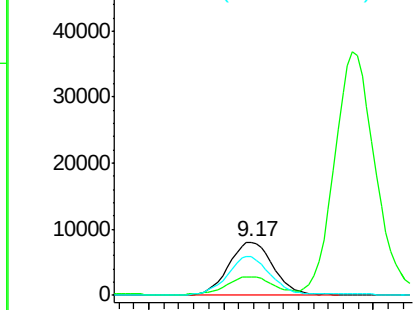
#49
1,4-Dioxane
Concen: 402.015 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion: 88 Resp: 16813
Ion Ratio Lower Upper
88 100
43 38.0 29.5 44.3
58 70.2 59.8 89.8

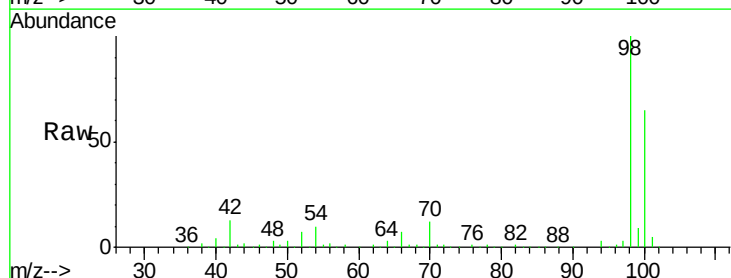


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

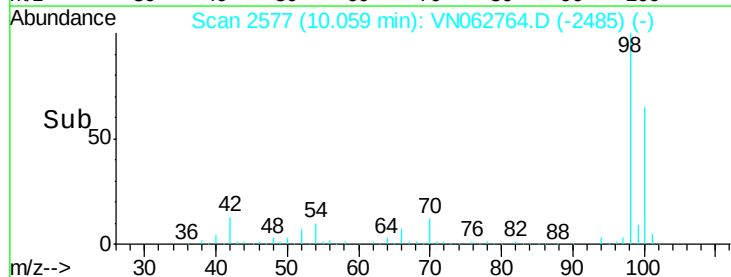
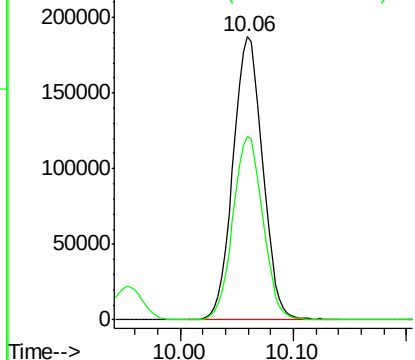


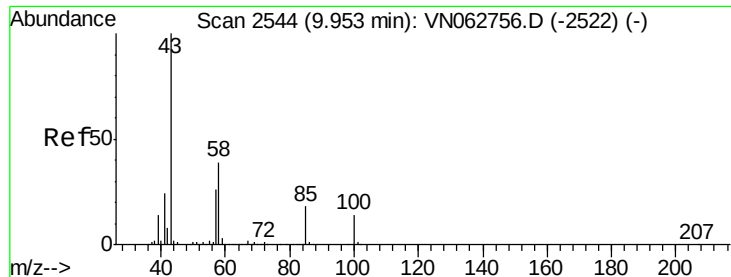
#50
Toluene-d8
Concen: 47.464 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 98 Resp: 342850
Ion Ratio Lower Upper
98 100
100 65.5 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 97.070 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

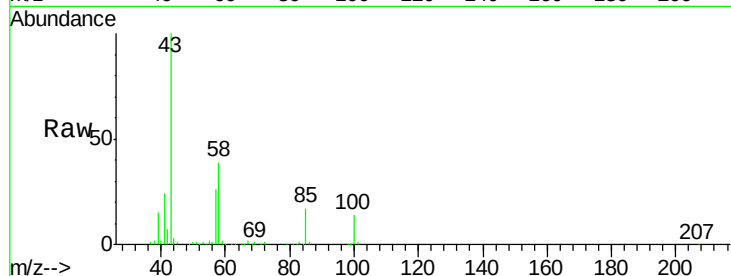
VN0806WBS01

Tot Ion: 43 Resp: 288202

Ion Ratio Lower Upper

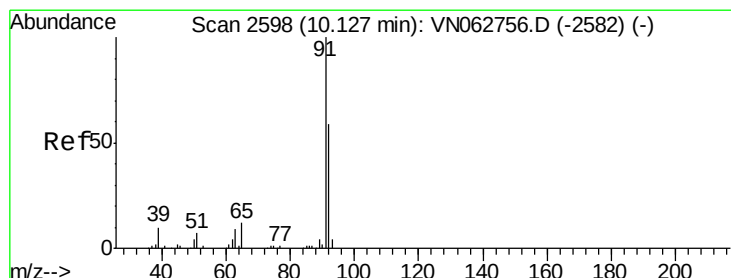
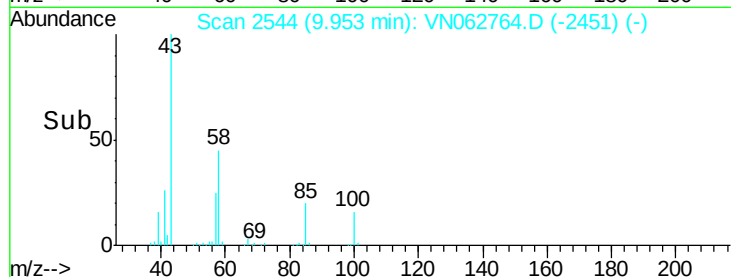
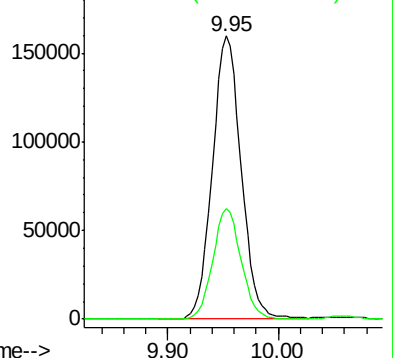
43 100

58 38.3 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.541 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062764.D

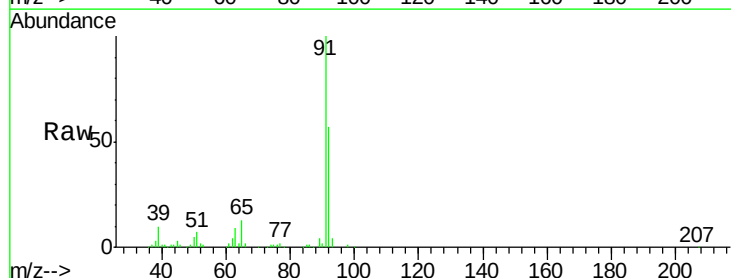
Acq: 6 Aug 2020 14:12

Tgt Ion: 92 Resp: 89966

Ion Ratio Lower Upper

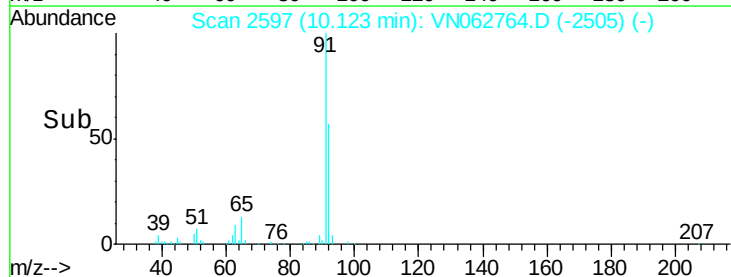
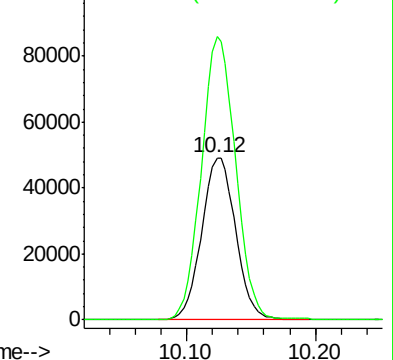
92 100

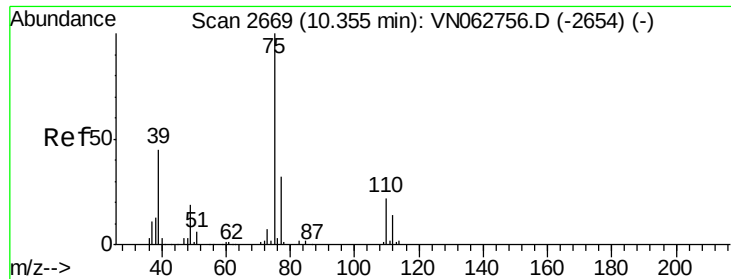
91 176.0 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.901 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

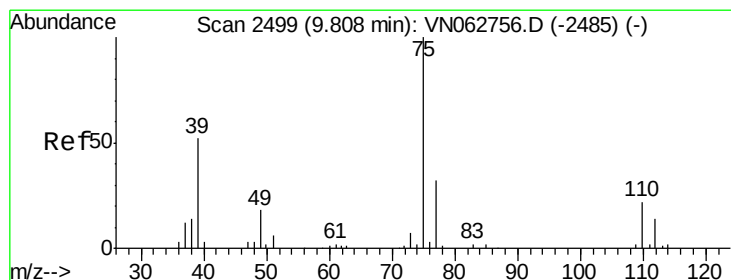
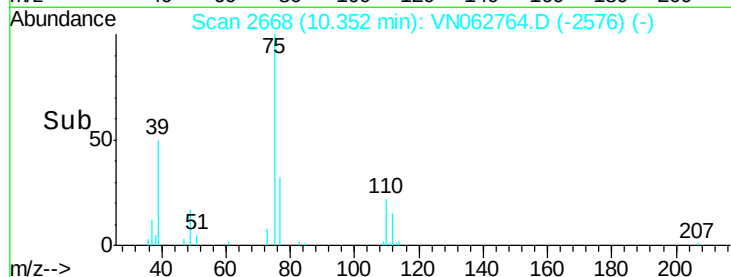
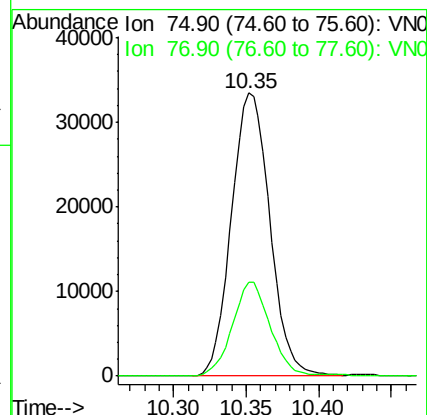
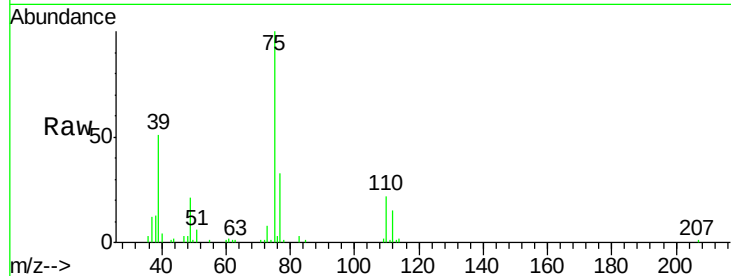
VN0806WBS01

Tot Ion: 75 Resp: 61633

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.279 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

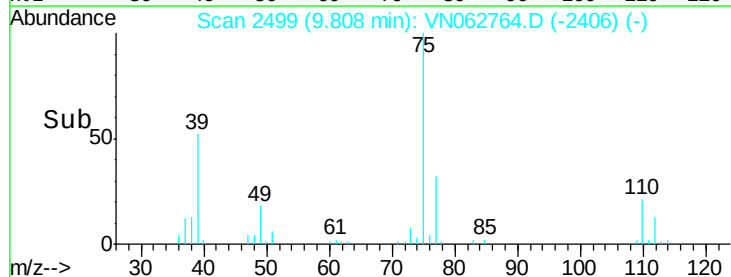
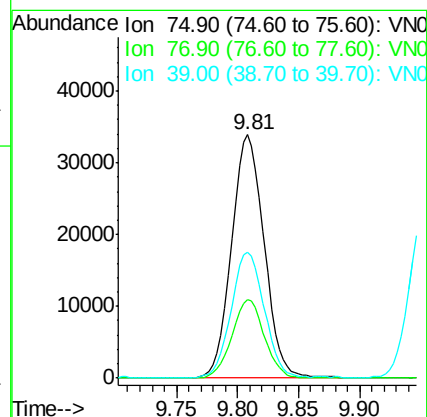
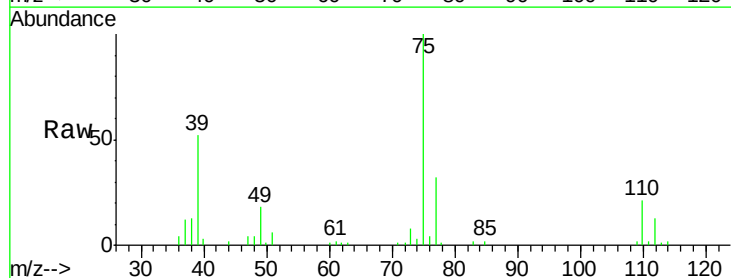
Tgt Ion: 75 Resp: 63188

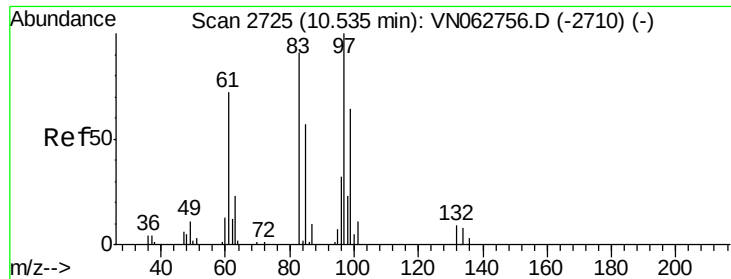
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 51.7 41.9 62.9

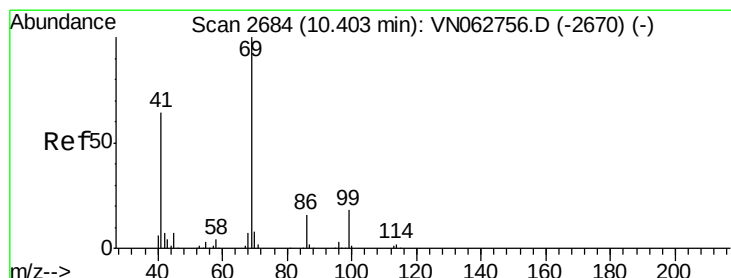
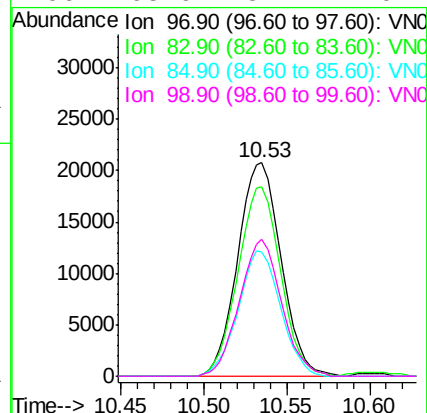
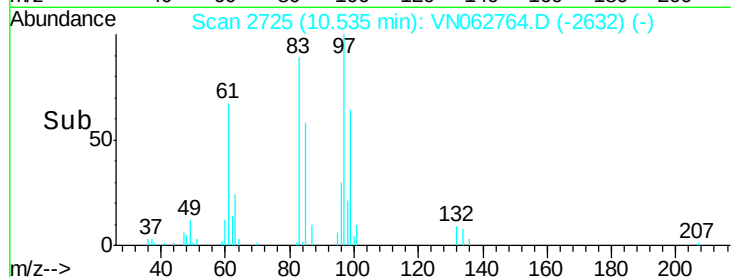
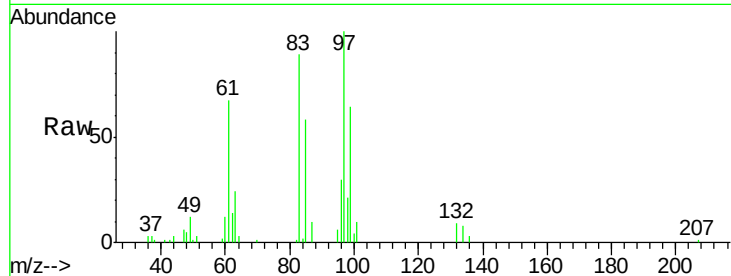




#55
 1,1,2-Trichloroethane
 Concen: 18.257 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

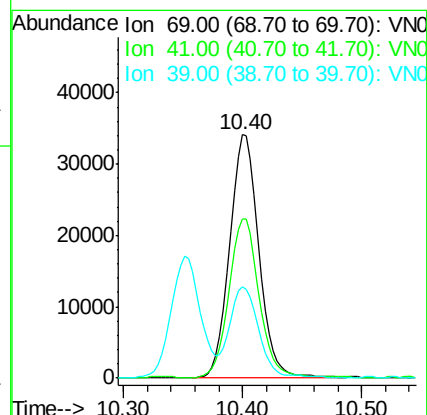
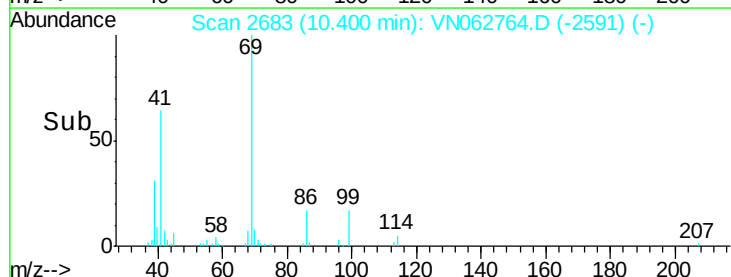
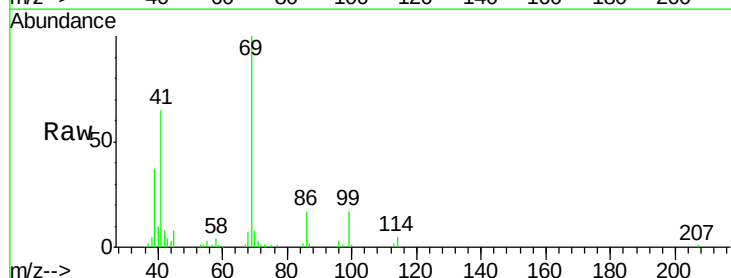
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

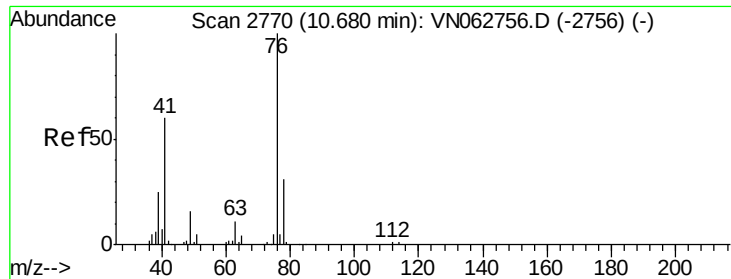
Tot Ion: 97 Resp: 37835
 Ion Ratio Lower Upper
 97 100
 83 88.9 72.6 108.8
 85 58.3 46.0 69.0
 99 63.9 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 18.647 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 69 Resp: 58166
 Ion Ratio Lower Upper
 69 100
 41 67.8 52.2 78.2
 39 36.6 30.9 46.3





#57

1,3-Dichloropropane

Concen: 18.753 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

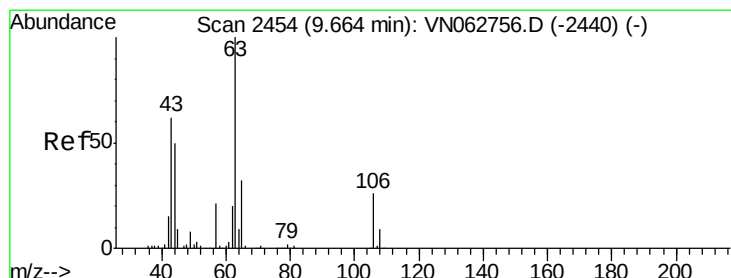
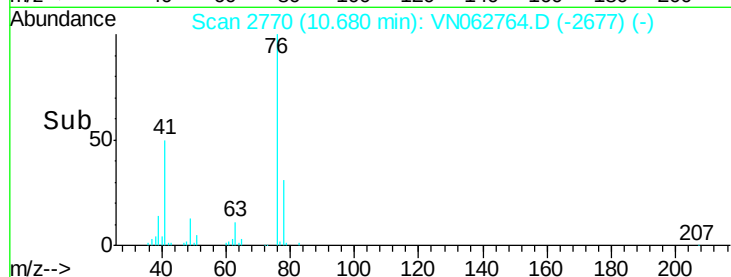
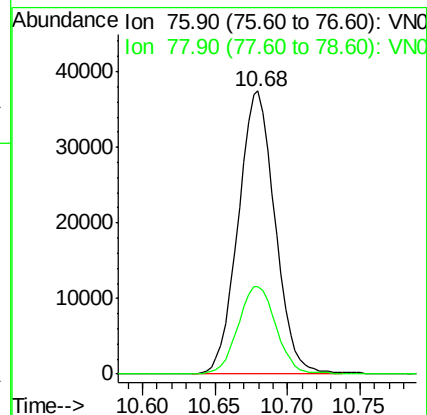
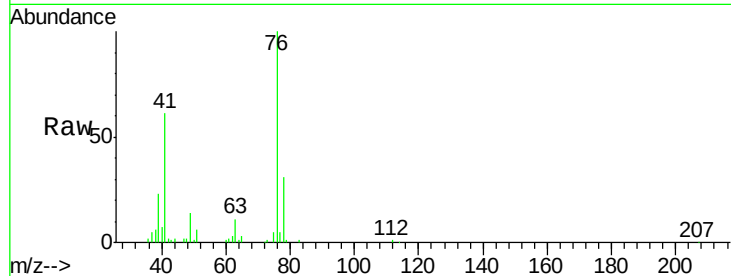
VN0806WBS01

Tot Ion: 76 Resp: 66032

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 92.744 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062764.D

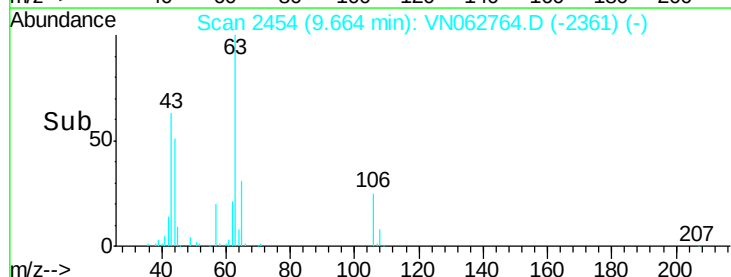
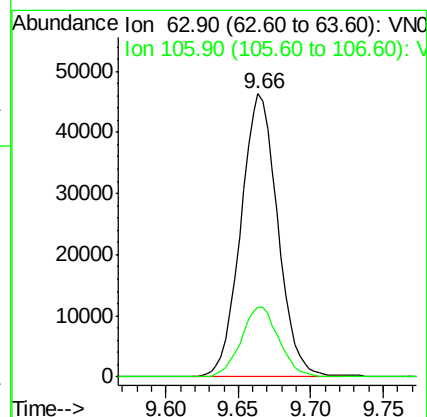
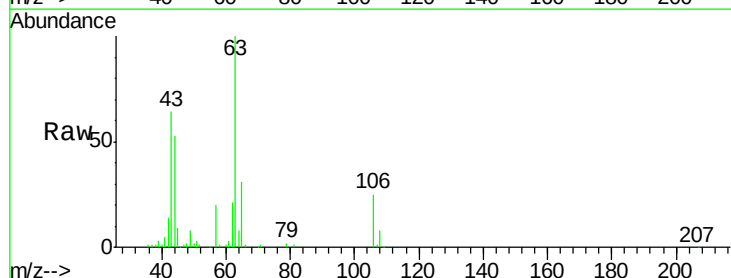
Acq: 6 Aug 2020 14:12

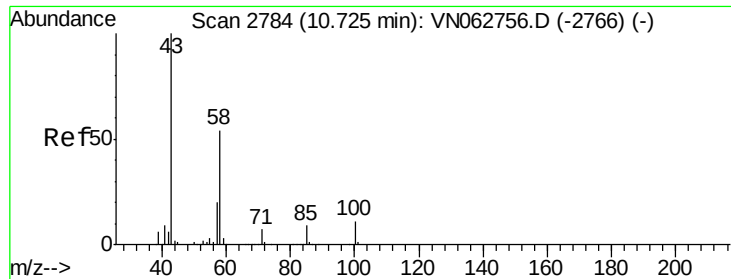
Tgt Ion: 63 Resp: 81774

Ion Ratio Lower Upper

63 100

106 25.1 20.9 31.3

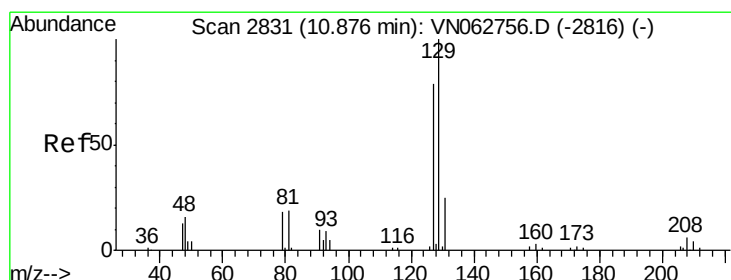
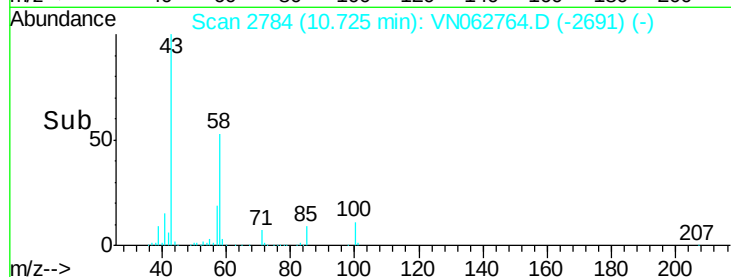
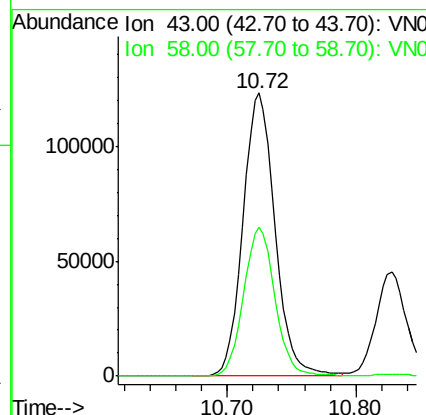
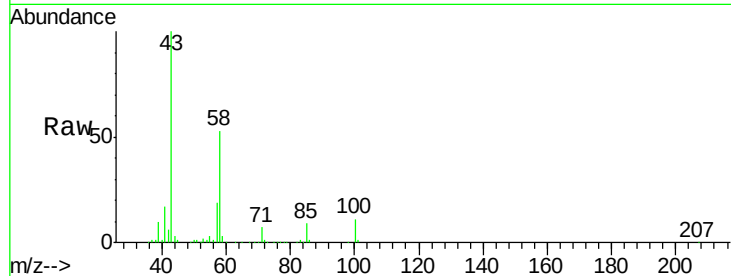




#59
2-Hexanone
Concen: 95.993 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

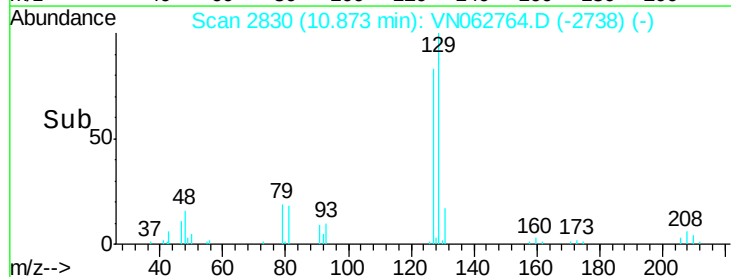
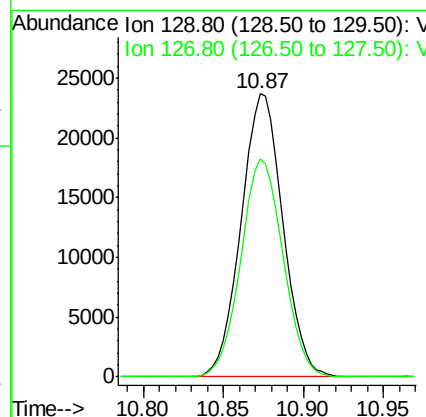
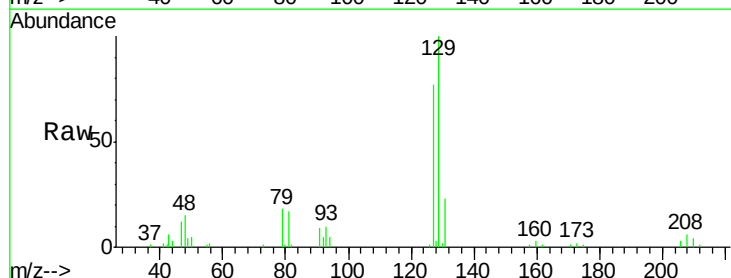
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

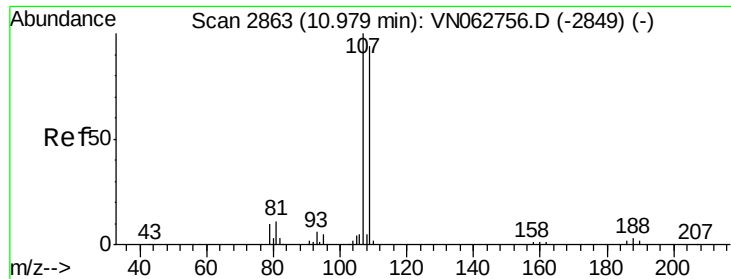
Tot Ion: 43 Resp: 212595
Ion Ratio Lower Upper
43 100
58 51.7 26.7 80.1



#60
Dibromochloromethane
Concen: 17.862 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 129 Resp: 42243
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

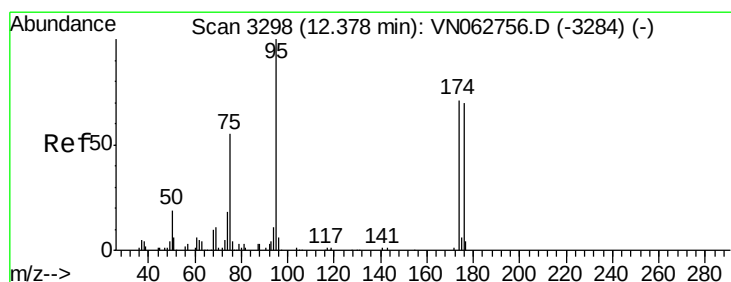
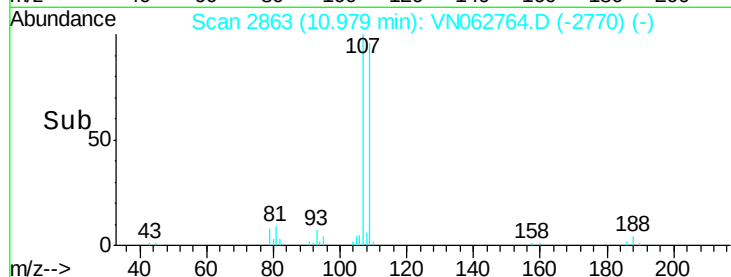
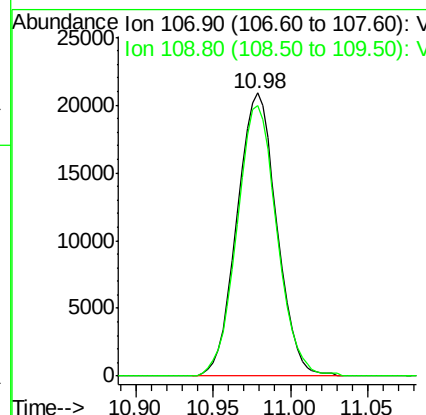
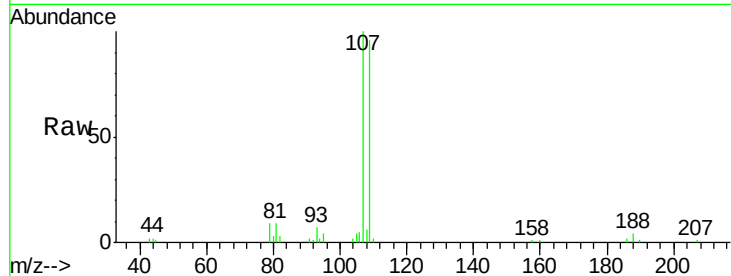




#61
 1,2-Dibromoethane
 Concen: 18.202 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

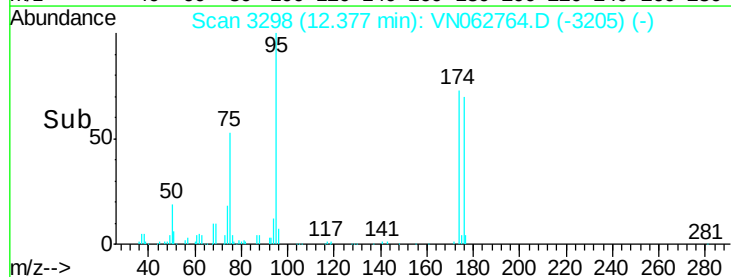
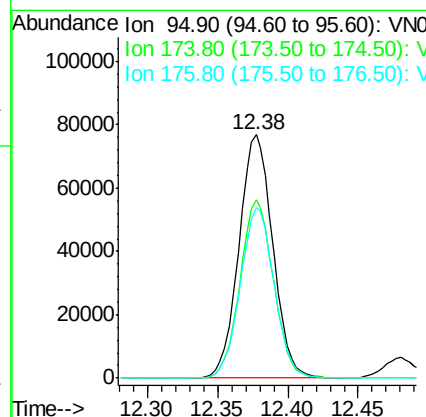
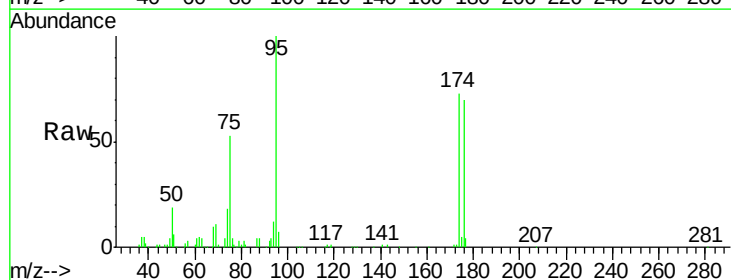
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

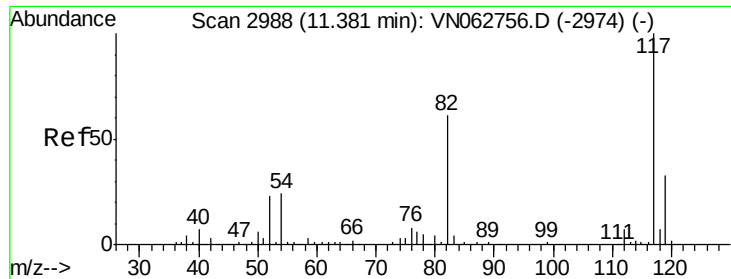
Tot Ion:107 Resp: 37221
 Ion Ratio Lower Upper
 107 100
 109 96.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.323 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 95 Resp: 129179
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 144.8
 176 70.2 0.0 142.2

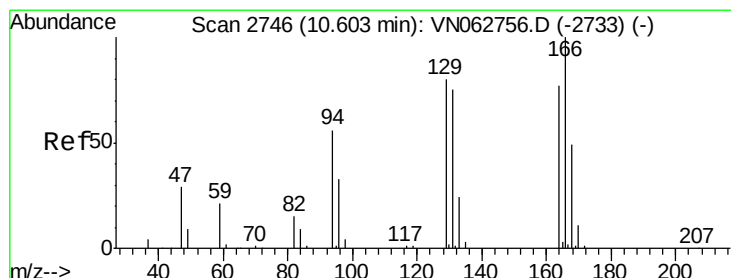
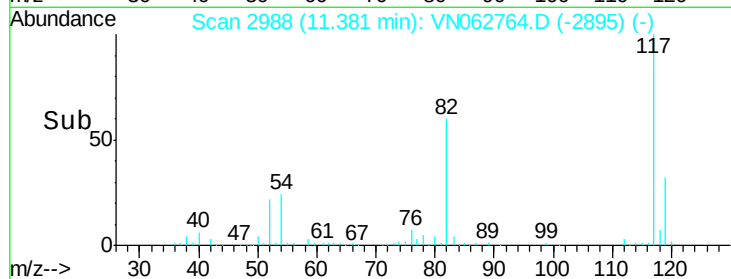
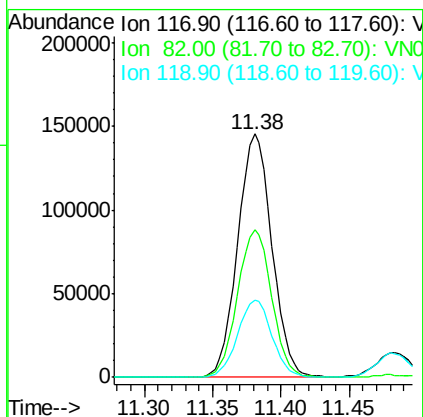
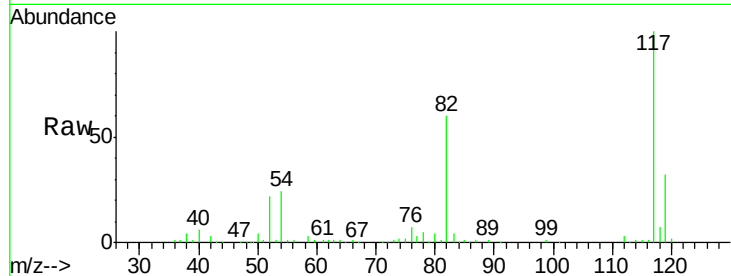




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

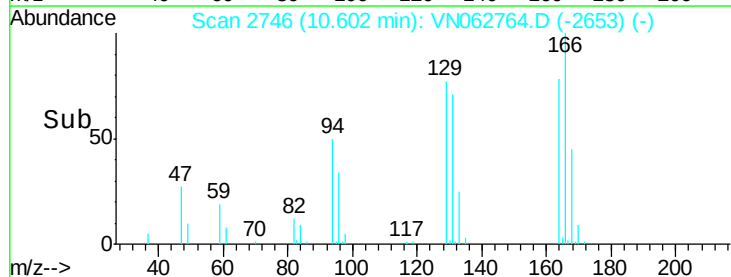
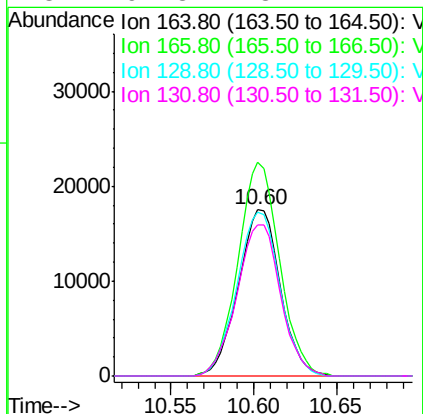
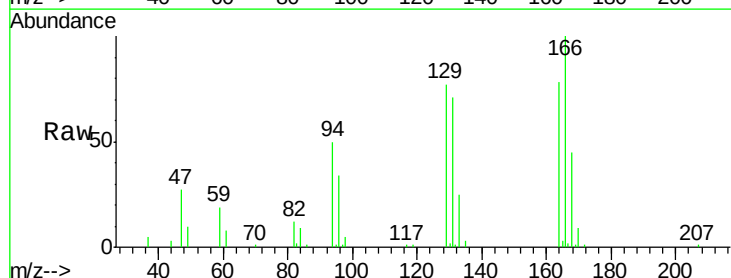
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

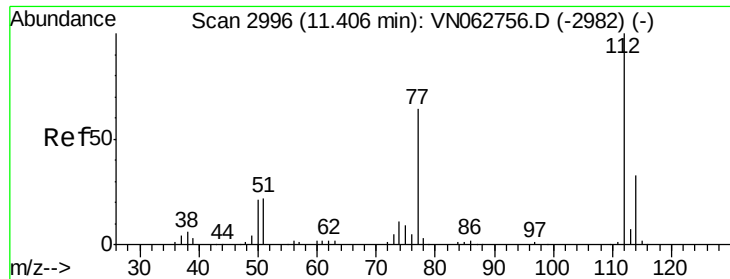
Tot Ion:117 Resp: 253997
Ion Ratio Lower Upper
117 100
82 60.4 49.0 73.4
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 18.775 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion:164 Resp: 30769
Ion Ratio Lower Upper
164 100
166 128.8 103.8 155.8
129 98.9 82.7 124.1
131 91.3 78.2 117.2

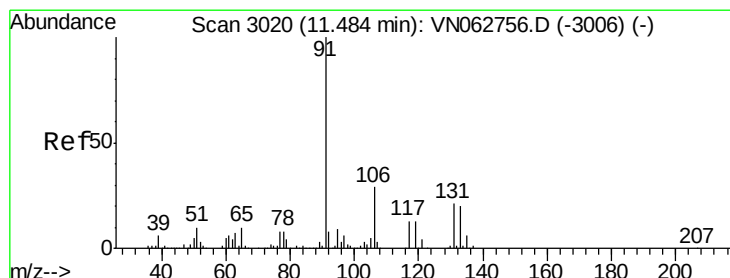
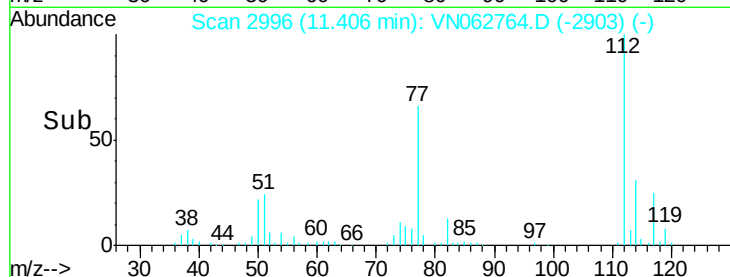
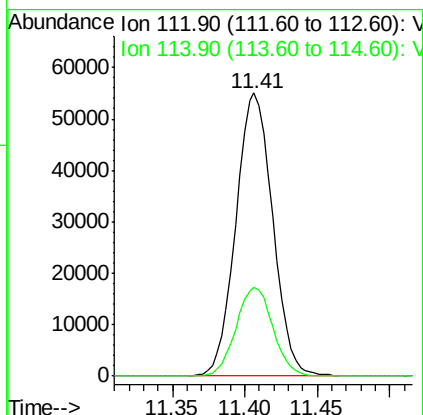
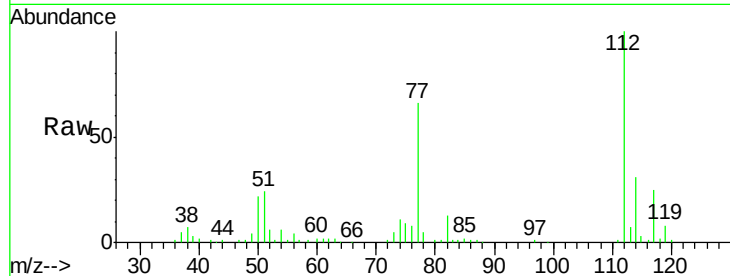




#65
Chlorobenzene
Concen: 18.318 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

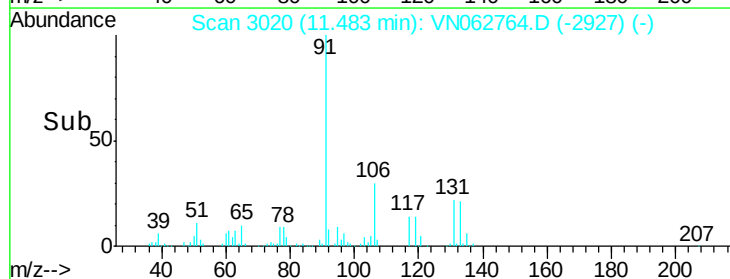
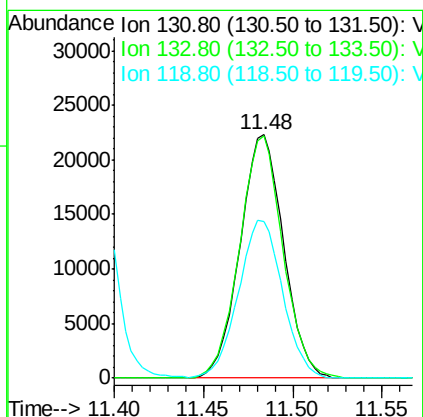
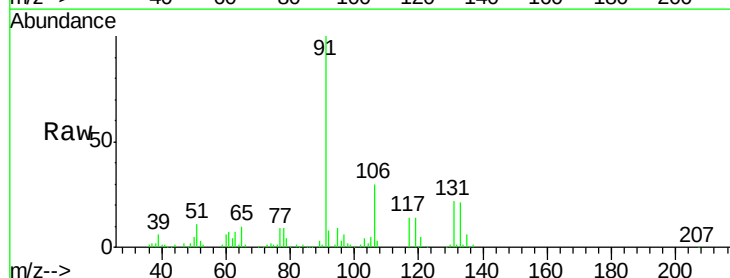
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

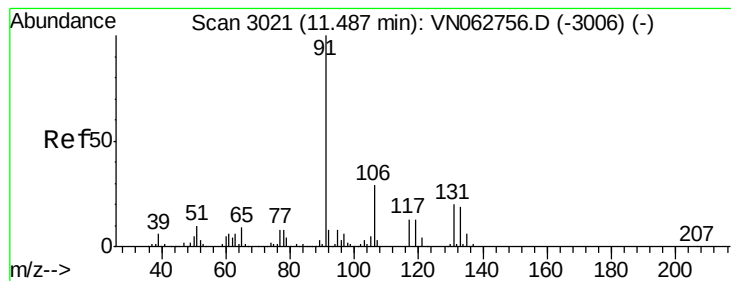
Tot Ion:112 Resp: 97259
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.861 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion:131 Resp: 38083
Ion Ratio Lower Upper
131 100
133 99.3 48.6 145.8
119 65.8 32.2 96.6





#67

Ethyl Benzene

Concen: 18.277 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

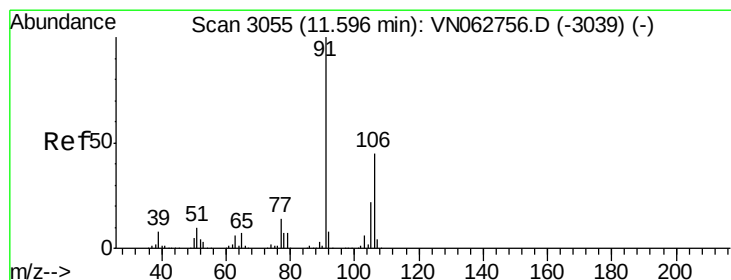
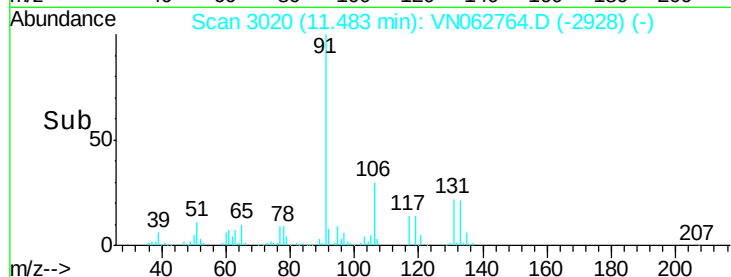
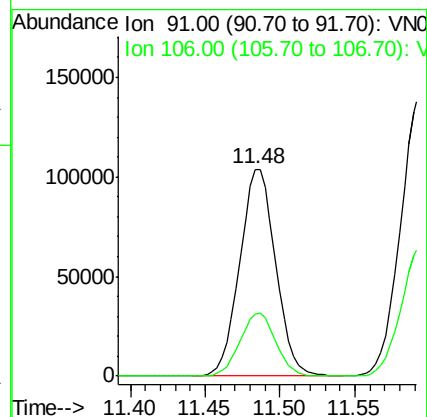
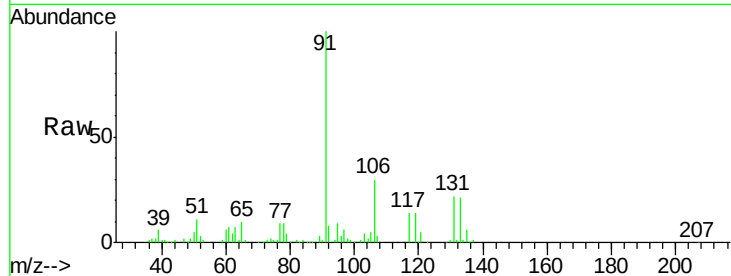
VN0806WBS01

Tot Ion: 91 Resp: 173652

Ion Ratio Lower Upper

91 100

106 30.0 23.2 34.8



#68

m/p-Xylenes

Concen: 37.653 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062764.D

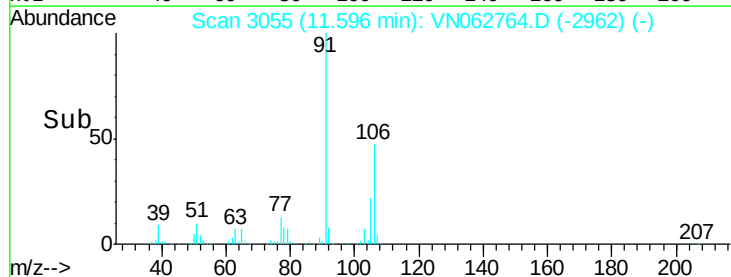
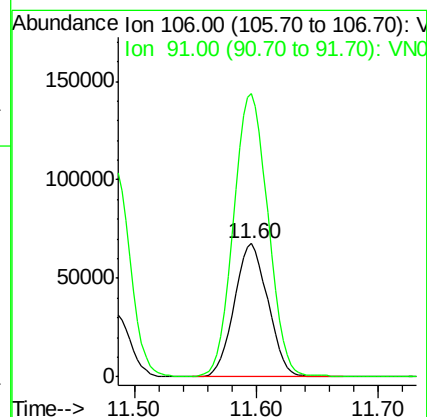
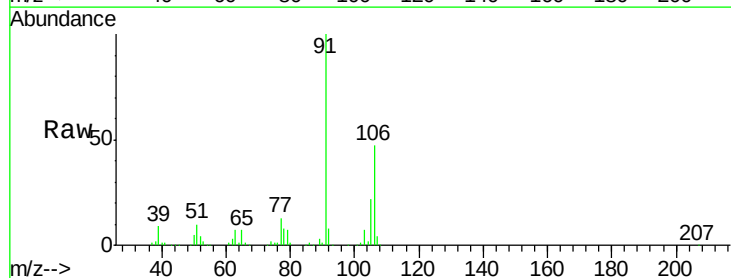
Acq: 6 Aug 2020 14:12

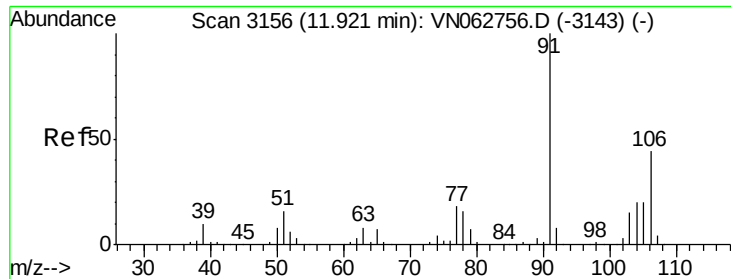
Tgt Ion: 106 Resp: 129865

Ion Ratio Lower Upper

106 100

91 216.5 175.9 263.9

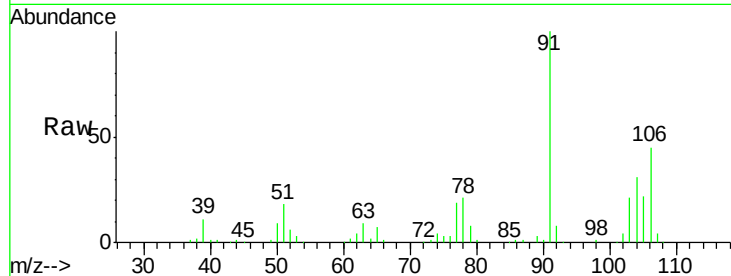




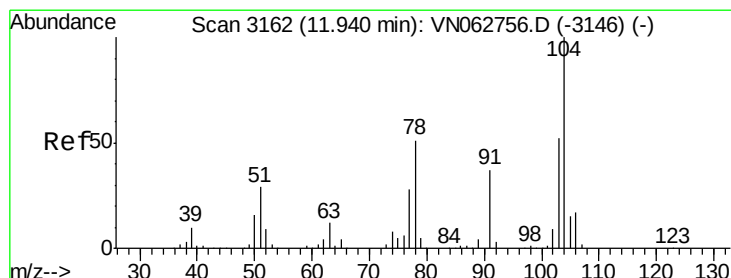
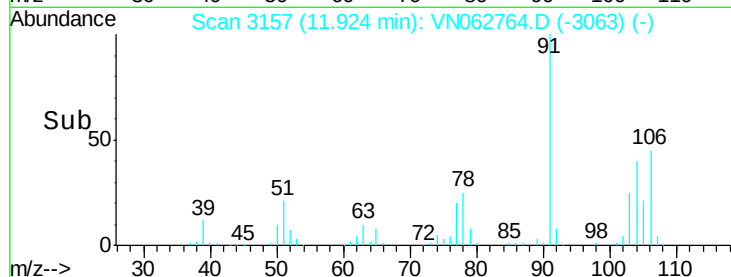
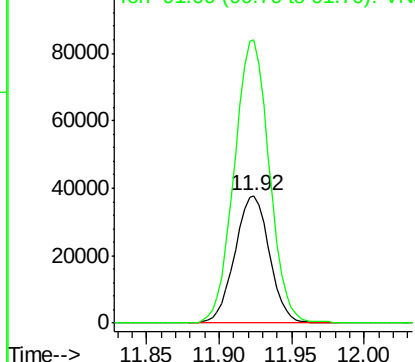
#69
o-Xylene
Concen: 19.363 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion:106 Resp: 62584
Ion Ratio Lower Upper
106 100
91 225.6 115.8 347.4

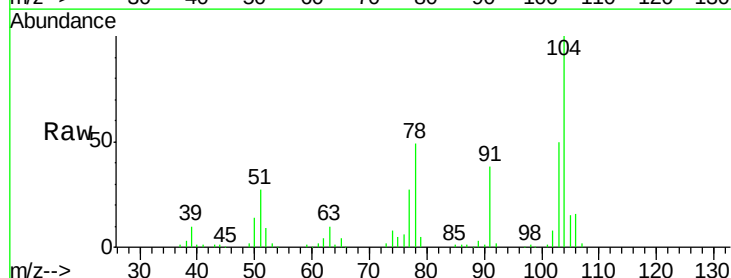


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

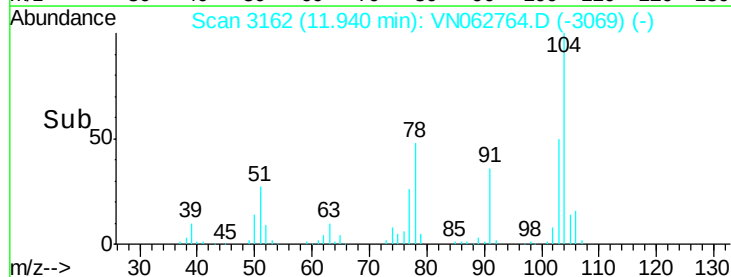
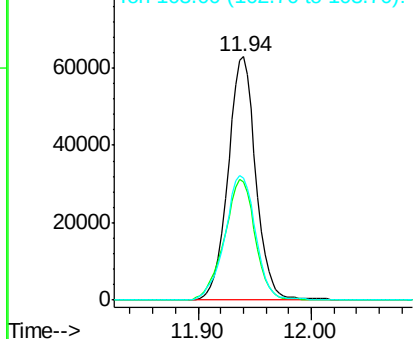


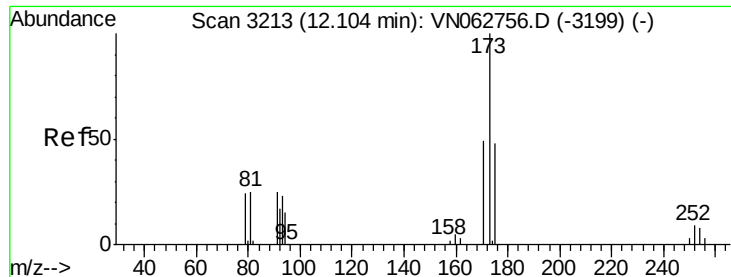
#70
Styrene
Concen: 18.902 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion:104 Resp: 107386
Ion Ratio Lower Upper
104 100
78 54.9 45.9 68.9
103 56.8 45.1 67.7



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

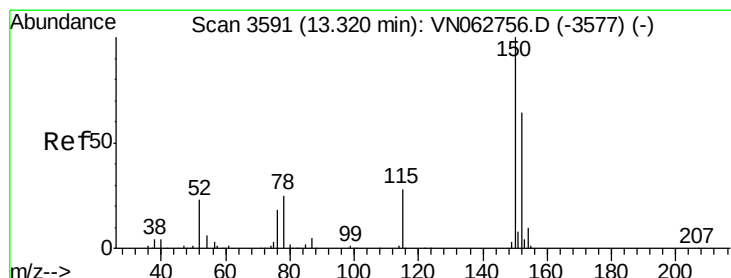
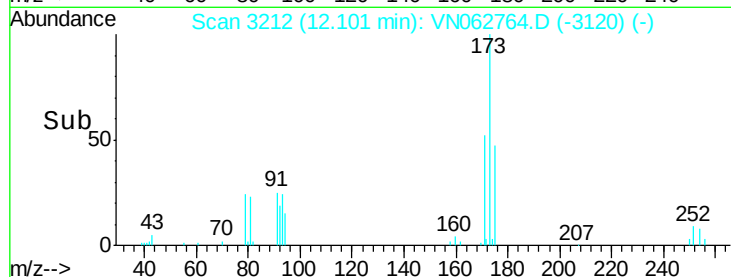
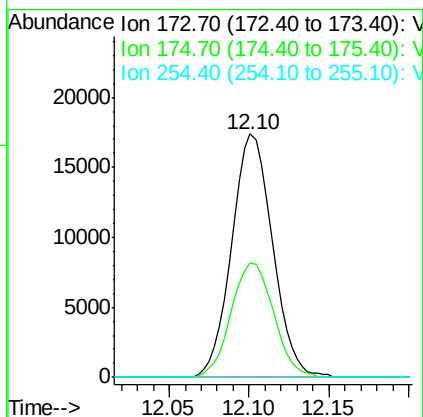
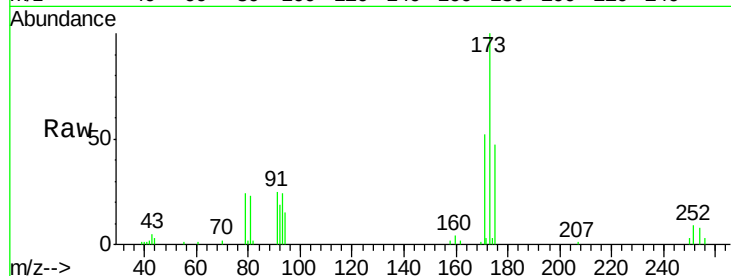




#71
Bromoform
Concen: 17.366 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

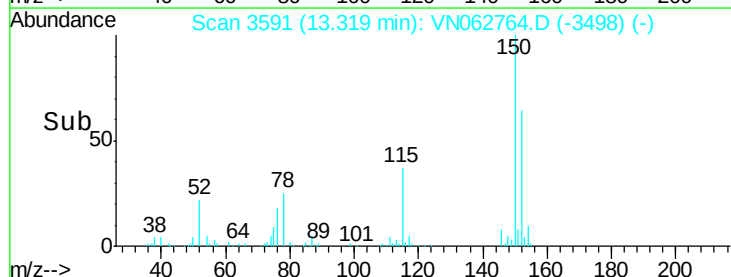
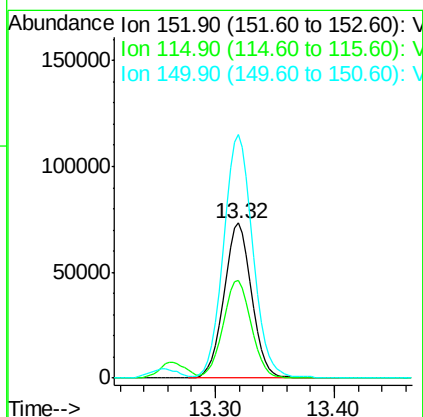
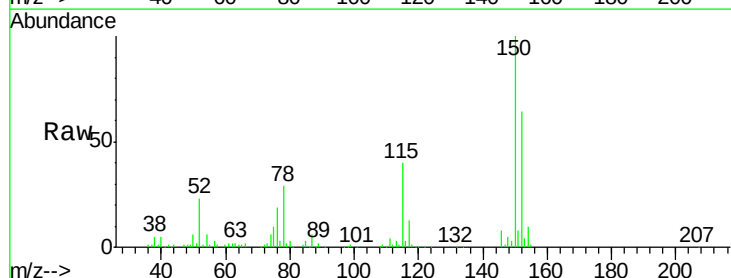
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

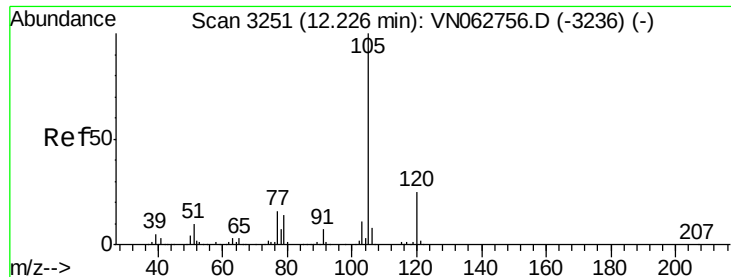
Tot Ion:173 Resp: 30295
Ion Ratio Lower Upper
173 100
175 48.8 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion:152 Resp: 118054
Ion Ratio Lower Upper
152 100
115 64.3 31.6 94.8
150 165.8 0.0 349.2





#73

Isopropylbenzene

Concen: 19.551 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

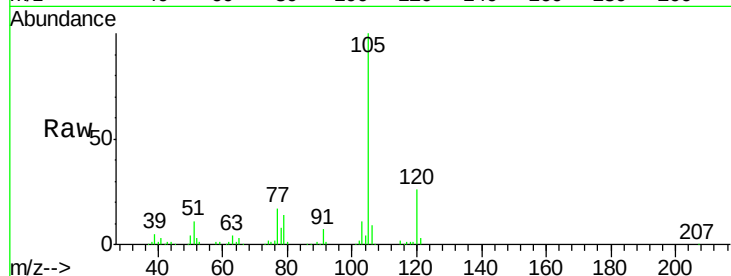
VN0806WBS01

Tot Ion:105 Resp: 173799

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

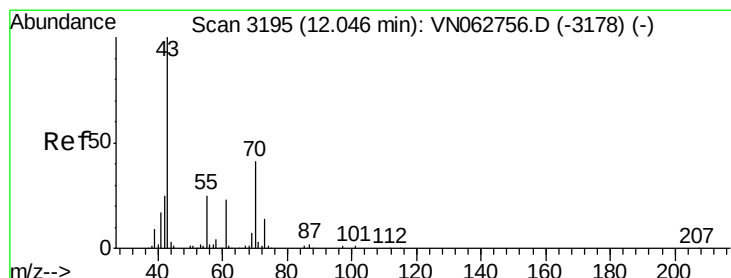
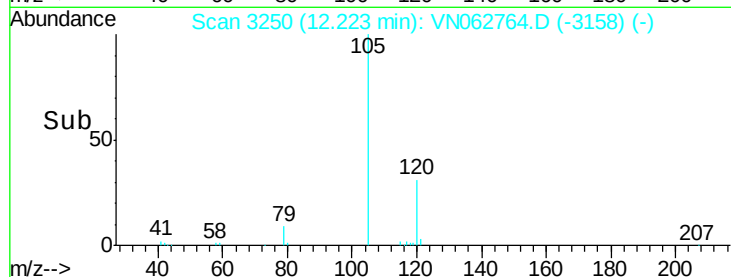
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.859 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion: 43 Resp: 71541

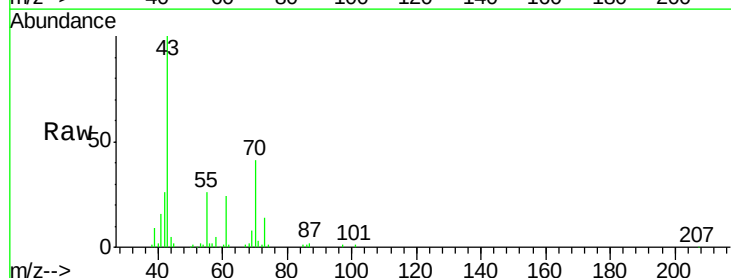
Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 25.5 20.2 30.2

61 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

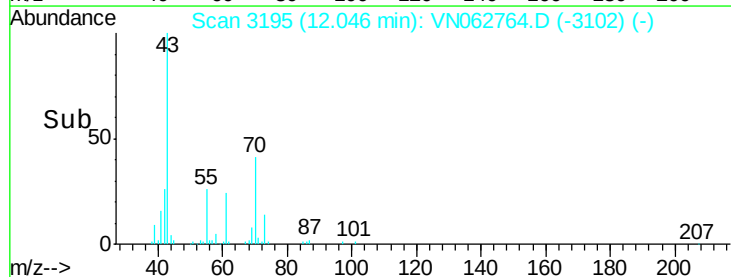
60000

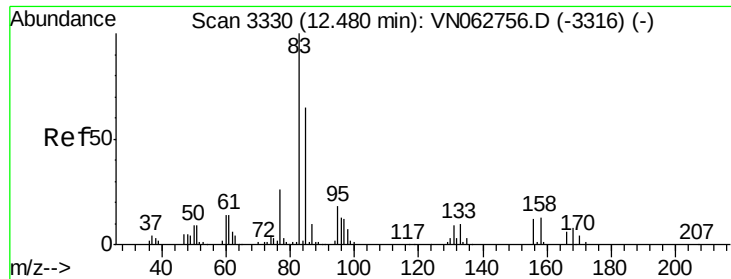
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.820 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

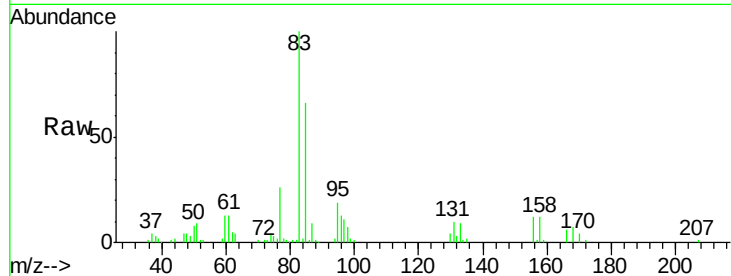
Tot Ion: 83 Resp: 58894

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

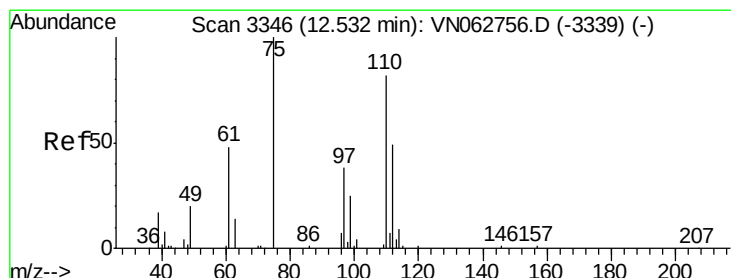
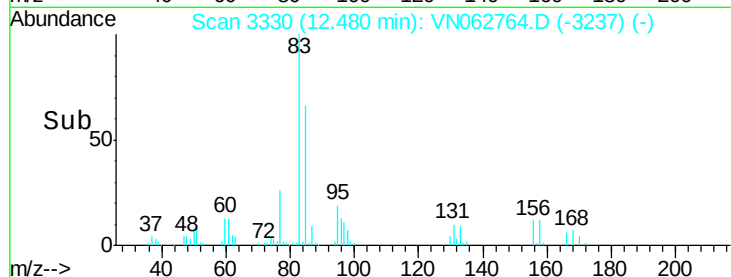
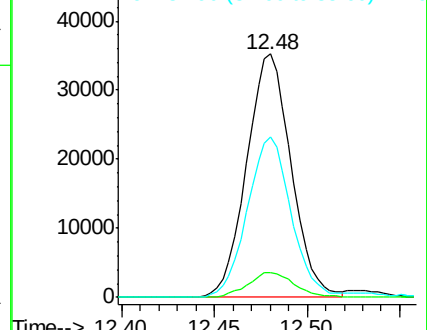
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 24.337 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062764.D

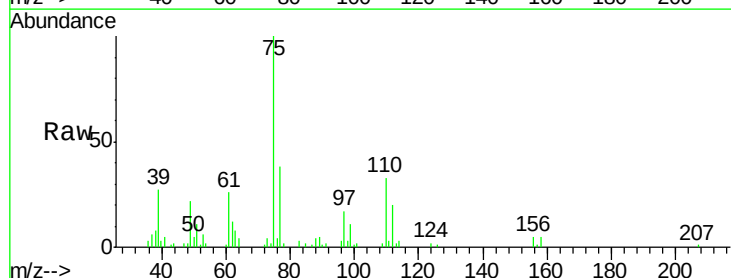
Acq: 6 Aug 2020 14:12

Tgt Ion: 75 Resp: 77484

Ion Ratio Lower Upper

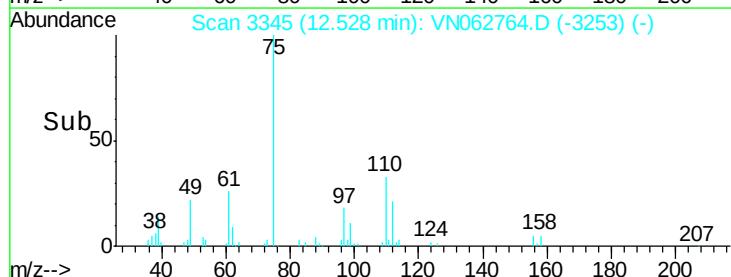
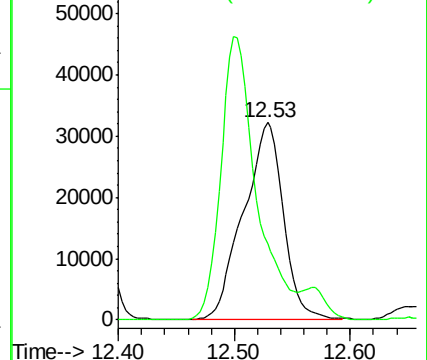
75 100

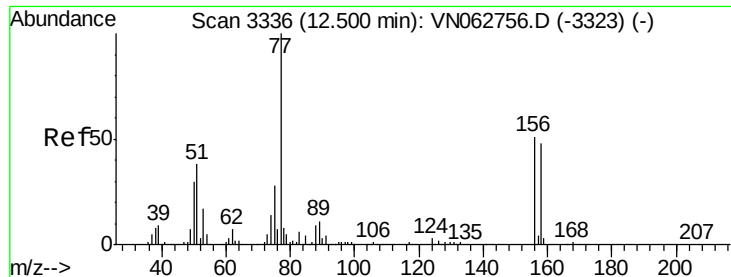
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.717 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

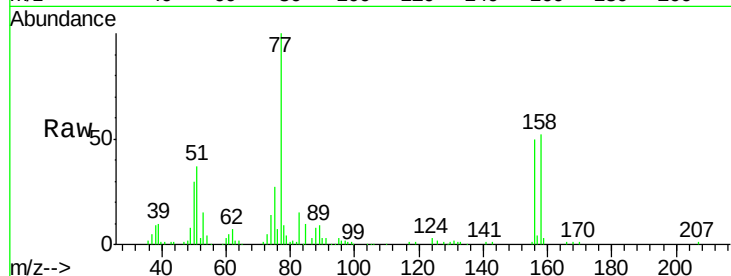
Tot Ion:156 Resp: 41341

Ion Ratio Lower Upper

156 100

77 238.4 119.7 359.1

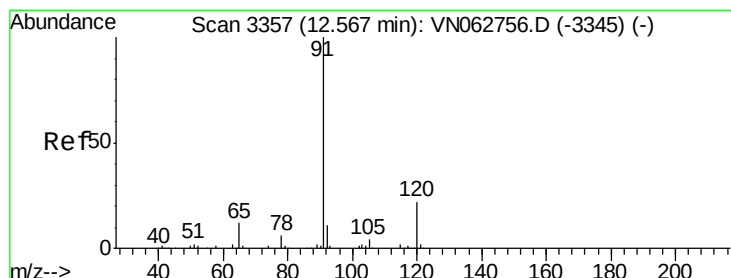
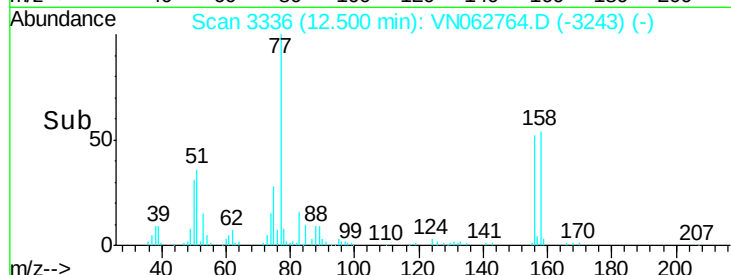
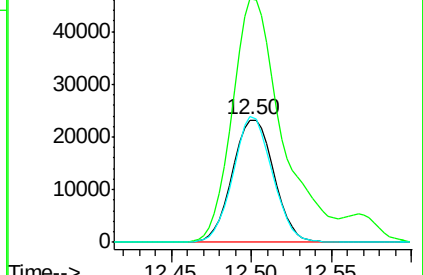
158 96.7 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.564 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062764.D

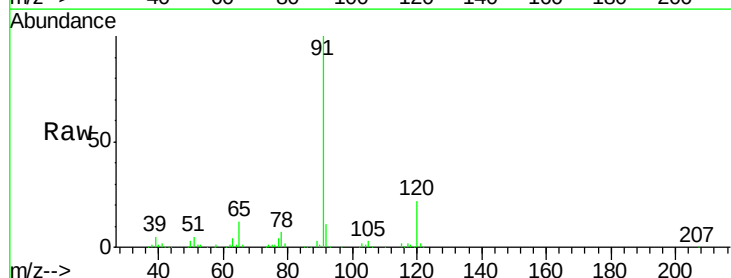
Acq: 6 Aug 2020 14:12

Tgt Ion: 91 Resp: 204146

Ion Ratio Lower Upper

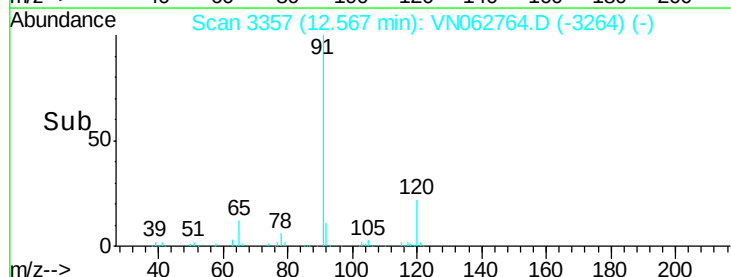
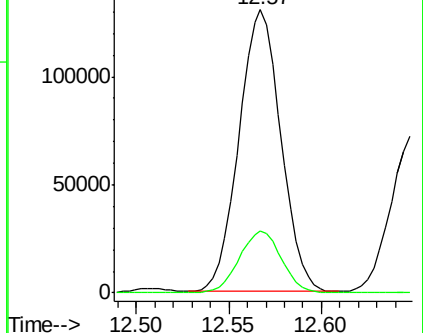
91 100

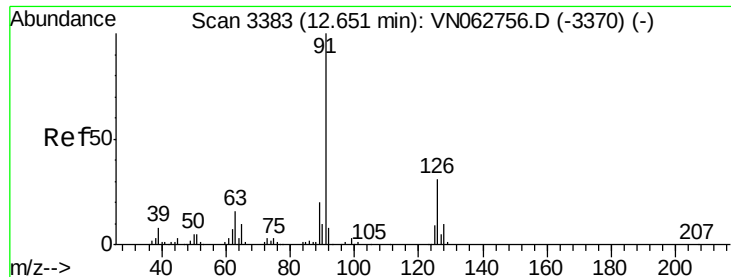
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

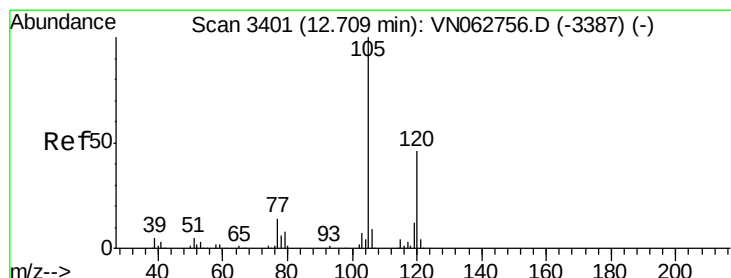
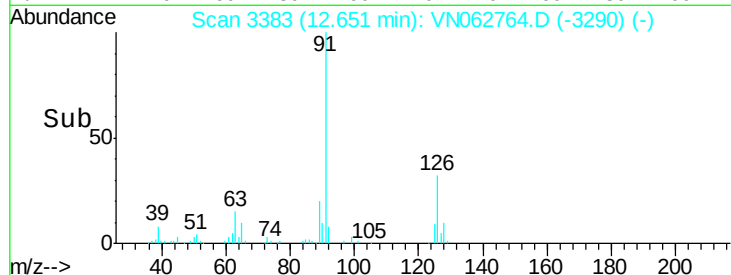
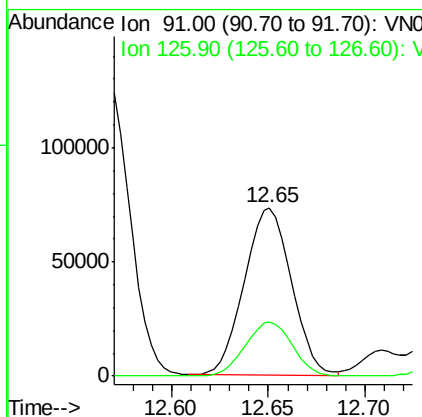
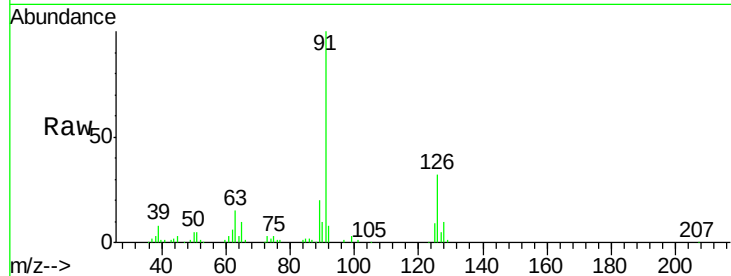




#79
 2-Chlorotoluene
 Concen: 19.011 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

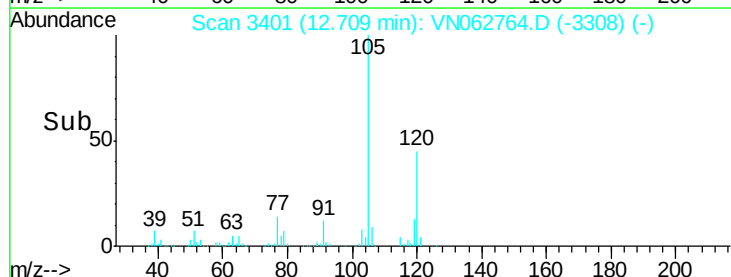
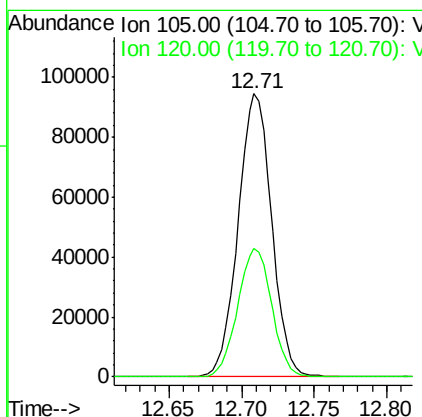
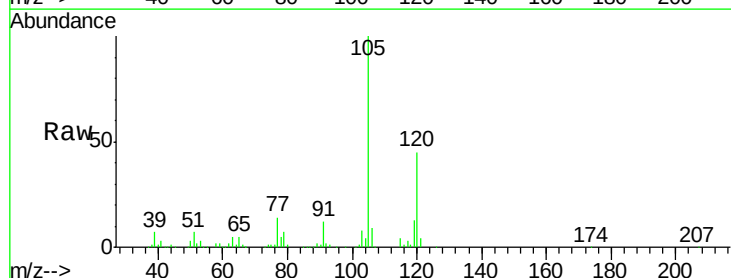
Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

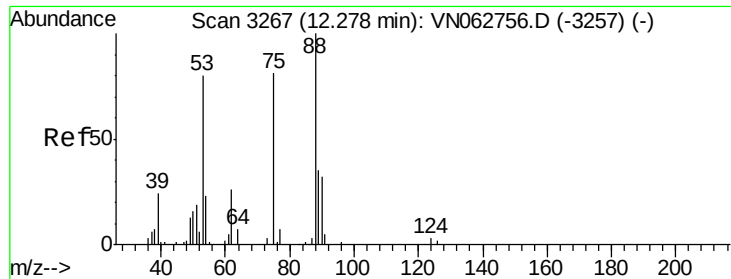
Tot Ion: 91 Resp: 124400
 Ion Ratio Lower Upper
 91 100
 126 32.2 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.714 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 105 Resp: 152032
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5

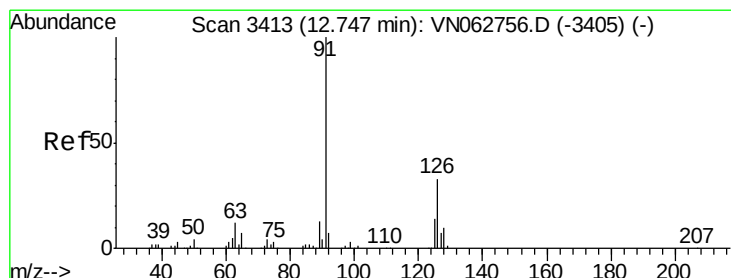
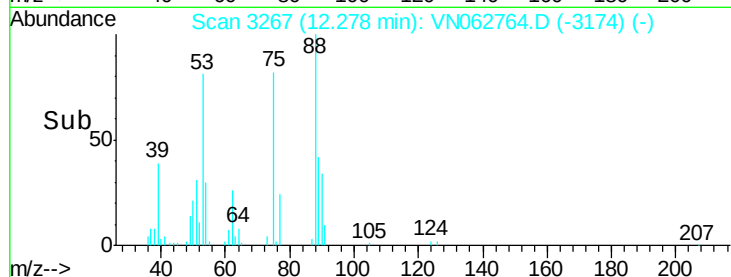
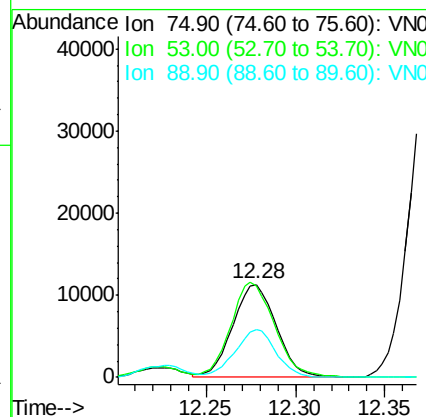
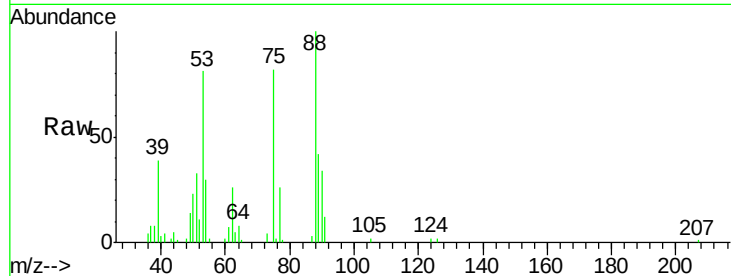




#81
trans-1,4-Dichloro-2-butene
Concen: 18.521 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

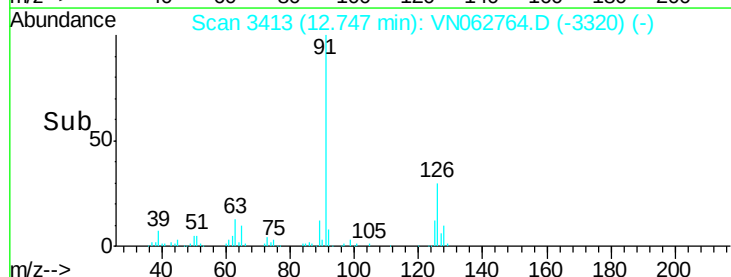
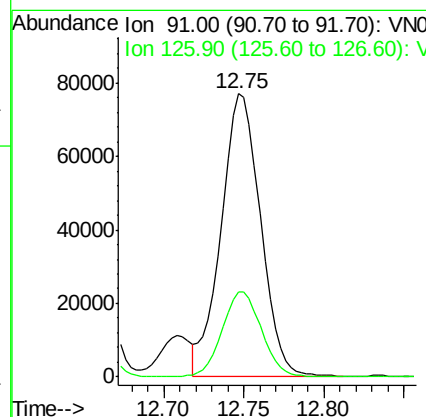
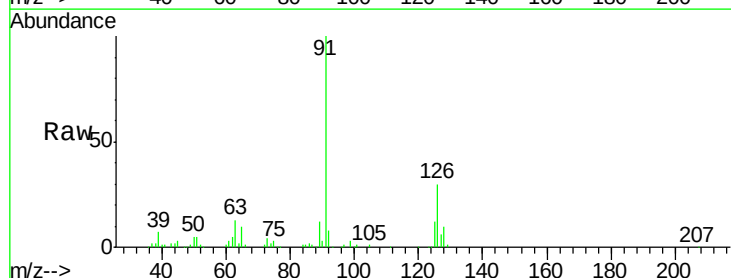
Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

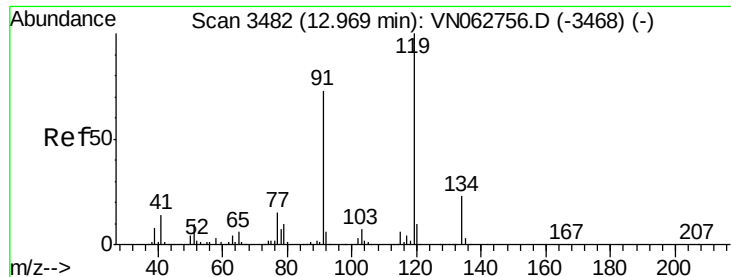
Tot Ion: 75 Resp: 19316
Ion Ratio Lower Upper
75 100
53 103.2 79.1 118.7
89 47.6 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.176 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 91 Resp: 129311
Ion Ratio Lower Upper
91 100
126 30.2 15.3 45.9

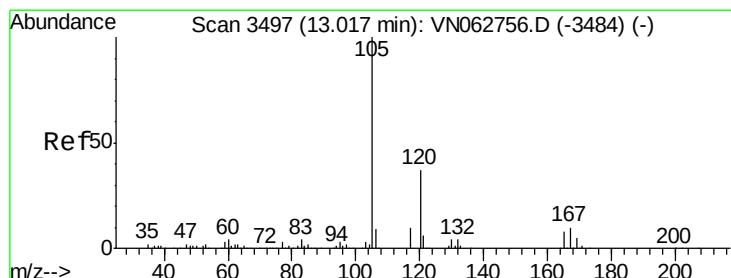
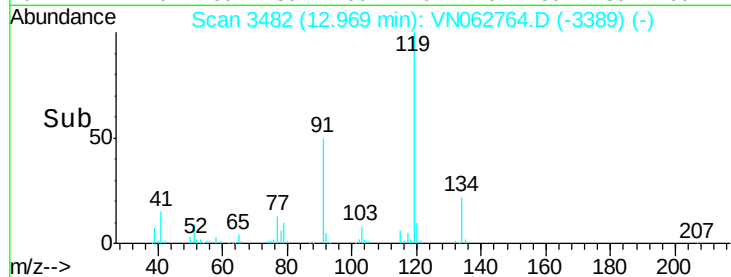
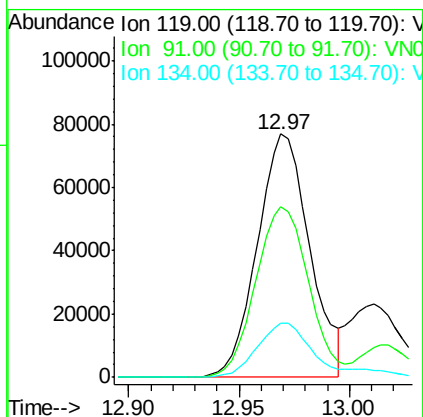
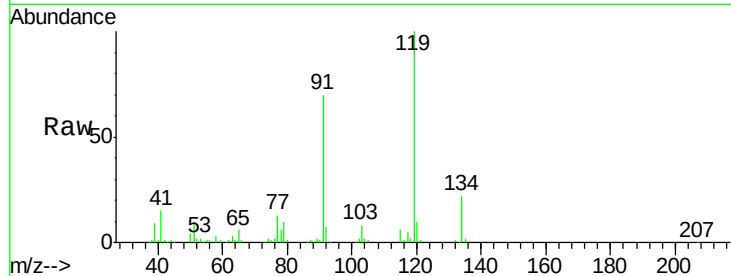




#83
 tert-Butylbenzene
 Concen: 19.378 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

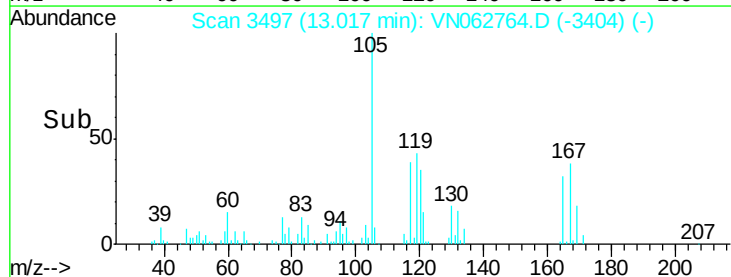
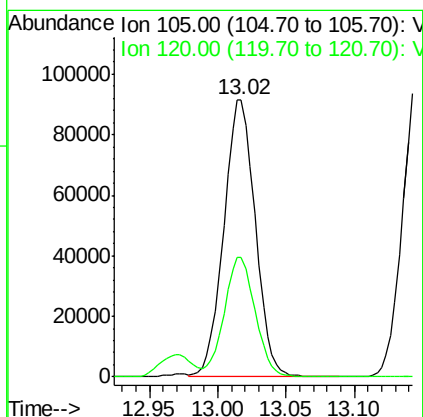
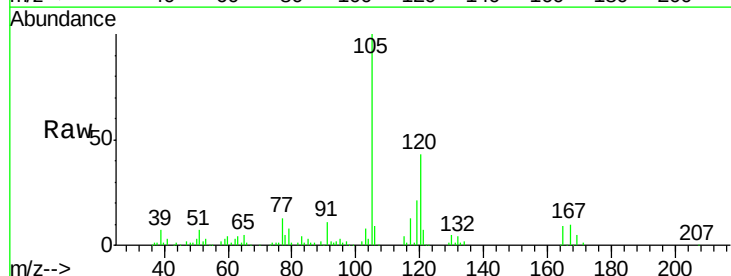
Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

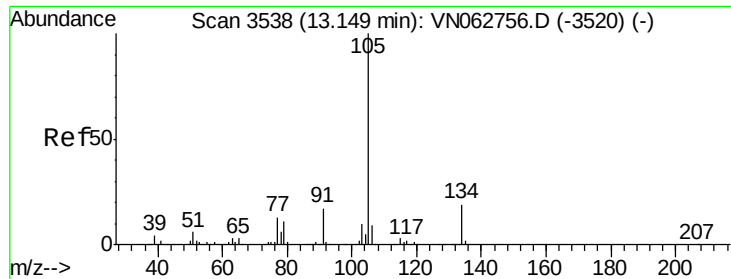
Tot Ion:119 Resp: 126456
 Ion Ratio Lower Upper
 119 100
 91 71.0 36.5 109.5
 134 22.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.745 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion:105 Resp: 145680
 Ion Ratio Lower Upper
 105 100
 120 42.5 21.4 64.2





#85

sec-Butylbenzene

Concen: 19.780 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

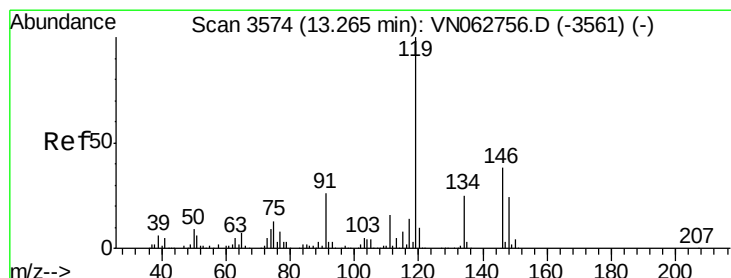
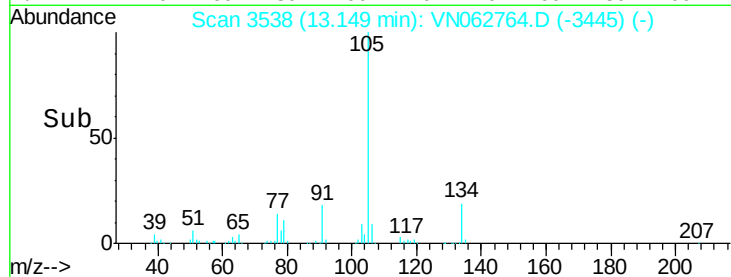
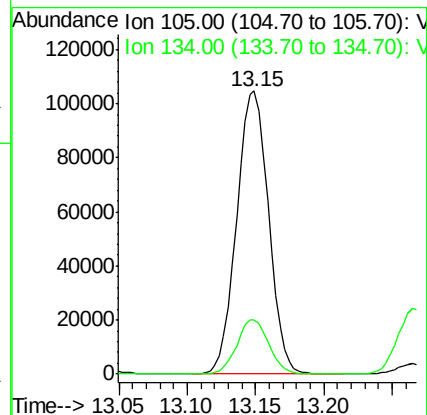
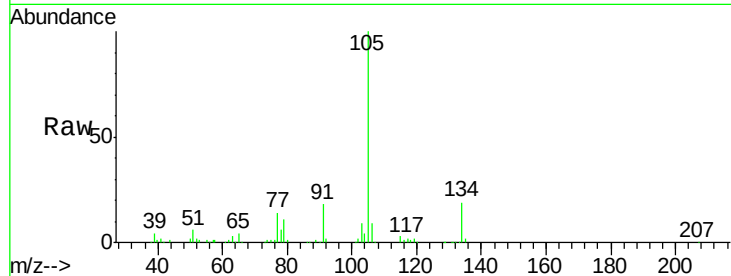
VN0806WBS01

Tot Ion:105 Resp: 169502

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 19.434 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

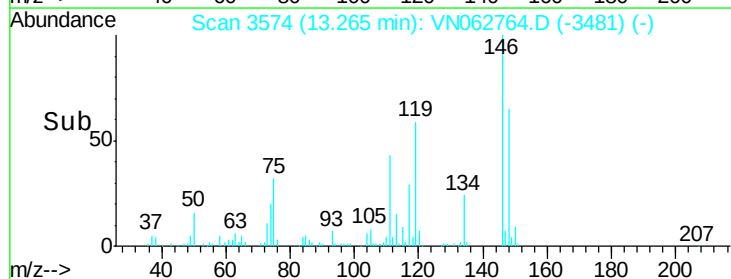
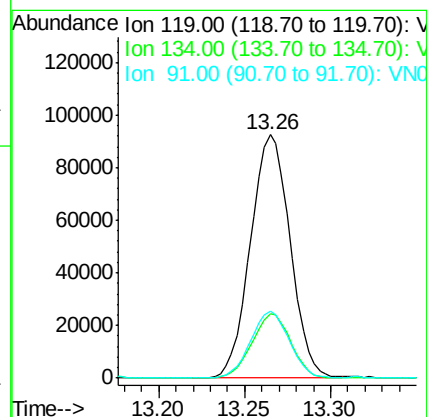
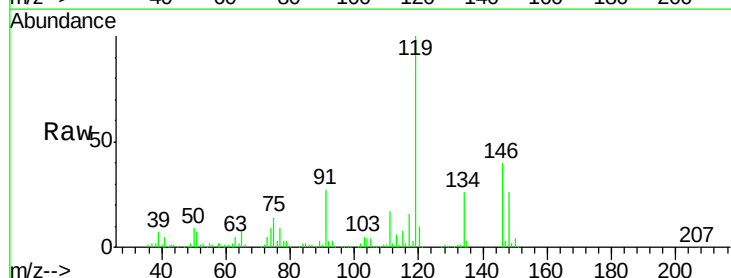
Tgt Ion:119 Resp: 147828

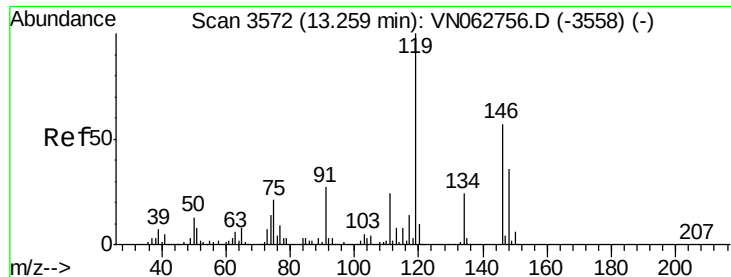
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 27.0 13.4 40.2

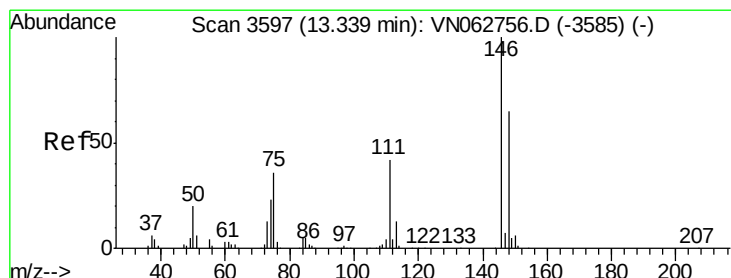
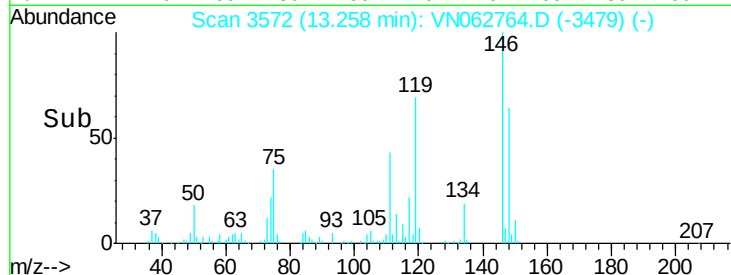
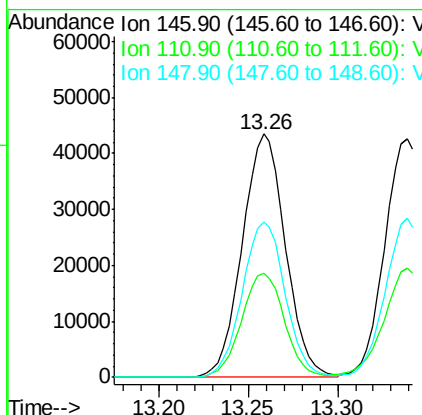
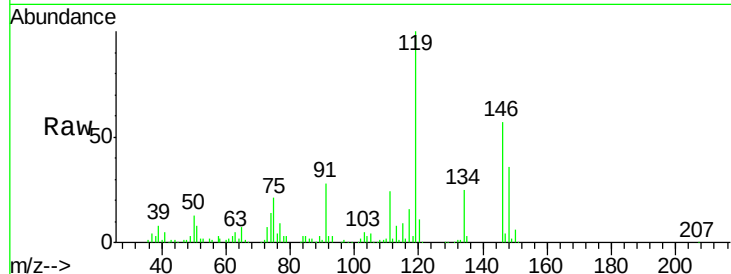




#87
 1,3-Dichlorobenzene
 Concen: 18.594 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

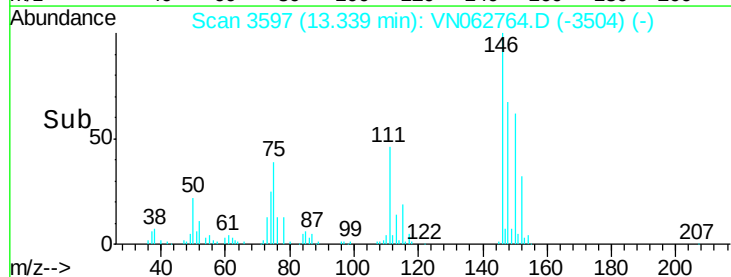
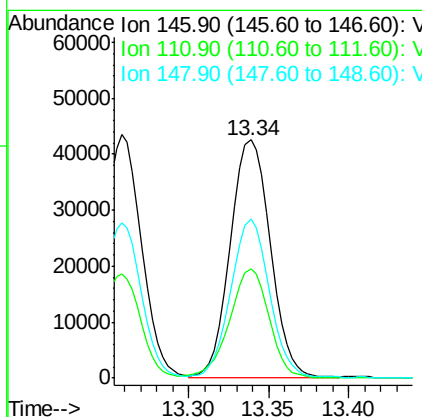
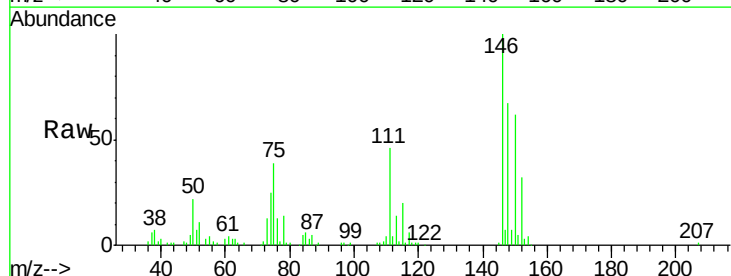
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

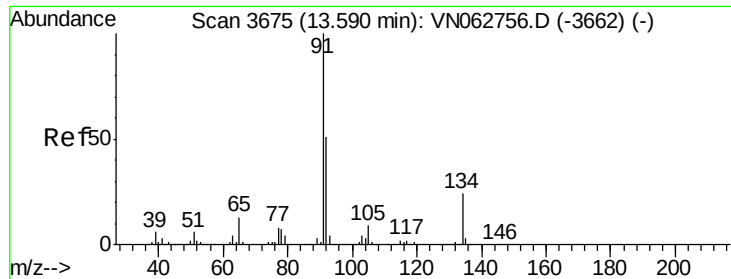
Tot Ion:146 Resp: 73370
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.7 65.1
 148 63.3 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.288 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion:146 Resp: 72375
 Ion Ratio Lower Upper
 146 100
 111 45.6 21.6 64.6
 148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 18.821 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

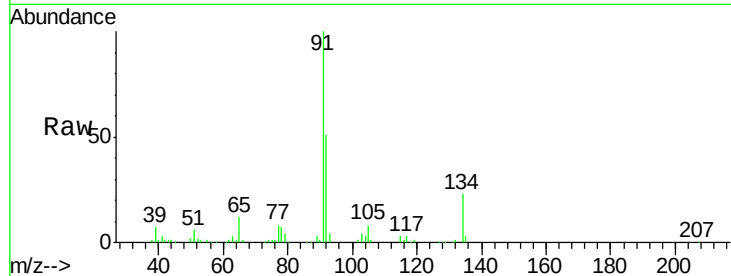
Tot Ion: 91 Resp: 121080

Ion Ratio Lower Upper

91 100

92 48.9 25.7 77.0

134 23.2 12.2 36.6

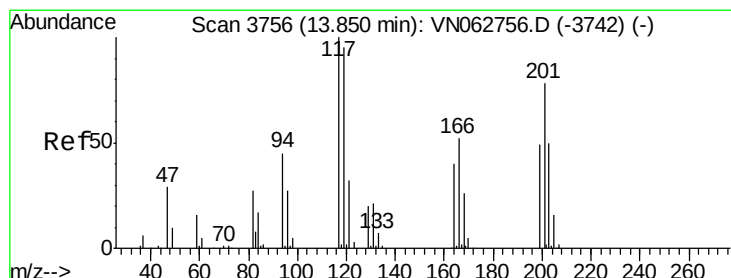
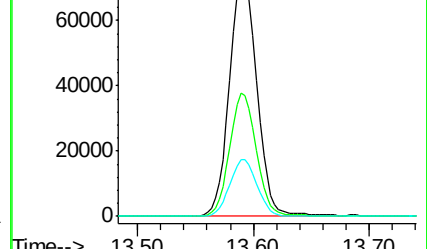
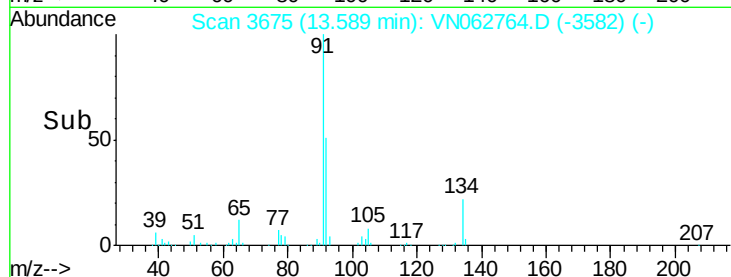


Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)

Time-->



#90

Hexachloroethane

Concen: 18.152 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062764.D

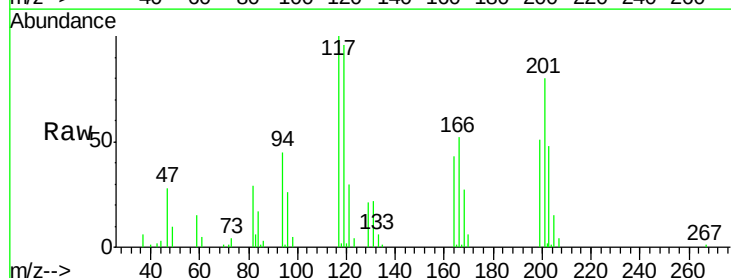
Acq: 6 Aug 2020 14:12

Tgt Ion: 117 Resp: 29762

Ion Ratio Lower Upper

117 100

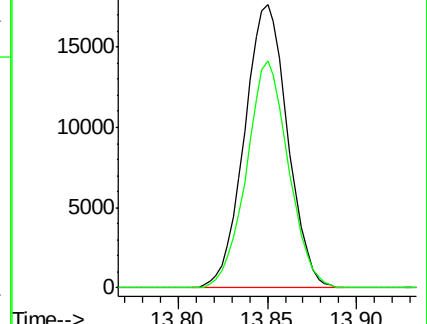
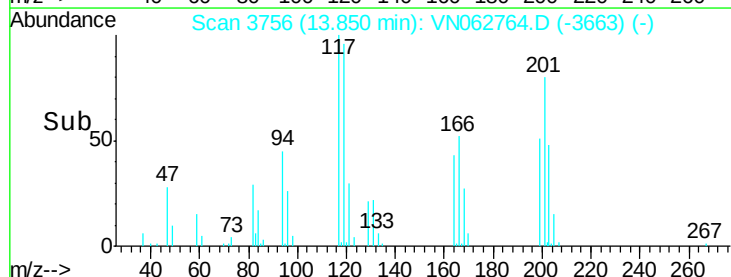
201 78.0 39.2 117.6

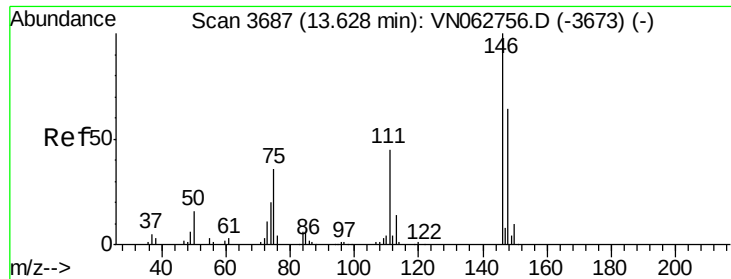


Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062756.D (-3742) (-)

Time-->

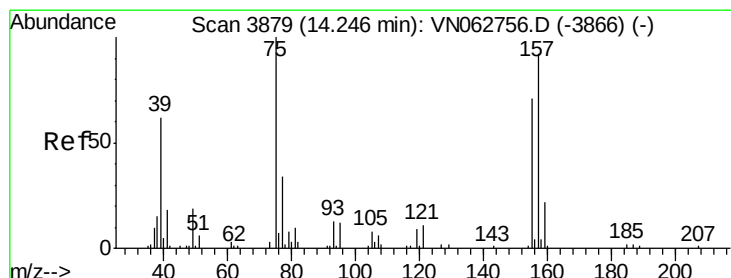
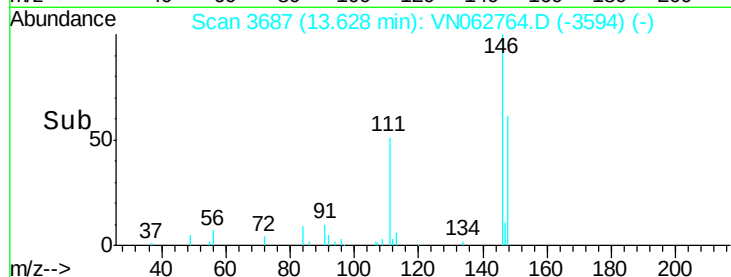
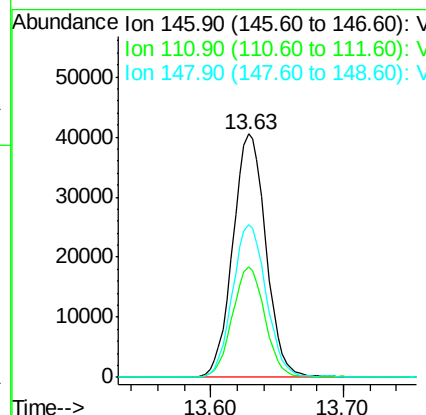
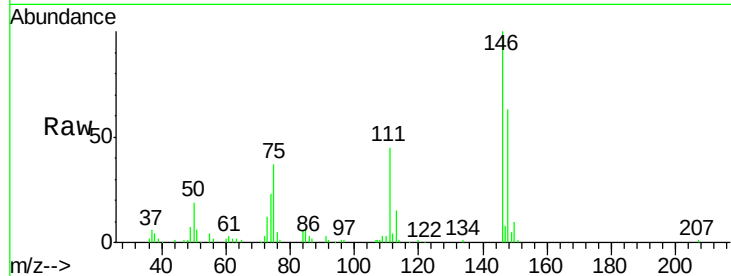




#91
 1,2-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

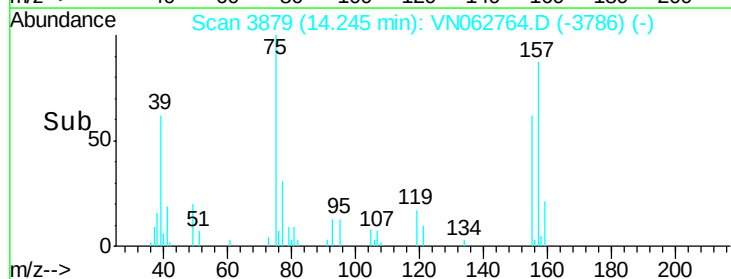
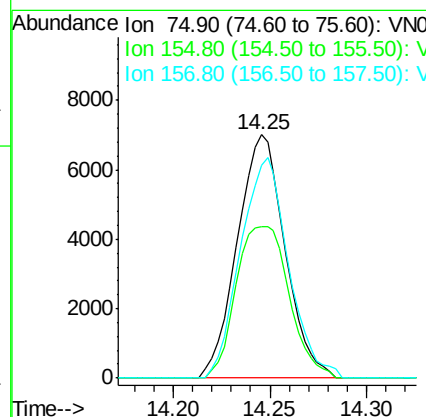
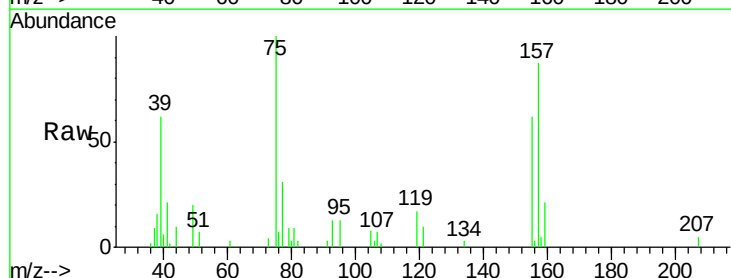
Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

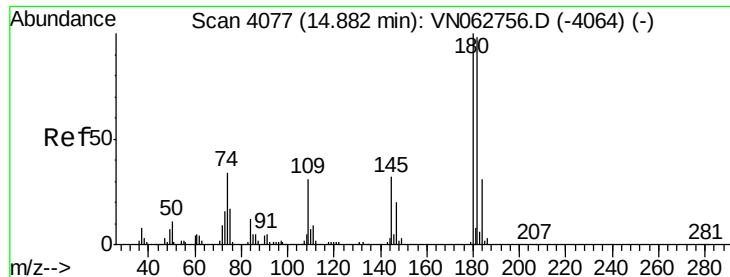
Tot Ion:146 Resp: 70345
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.8 68.4
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.875 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 75 Resp: 12009
 Ion Ratio Lower Upper
 75 100
 155 69.3 35.0 105.1
 157 91.0 43.2 129.6

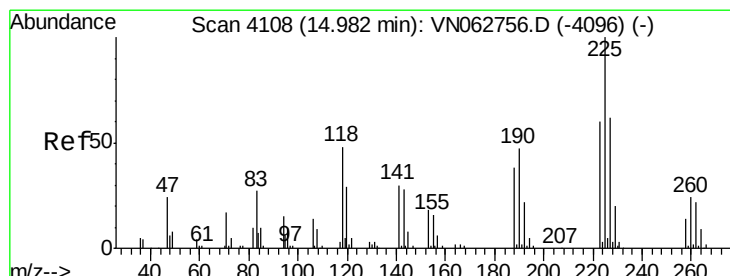
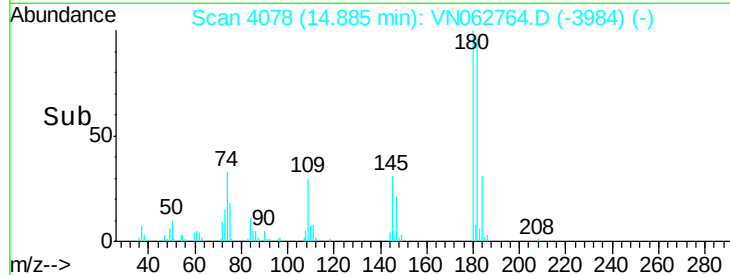
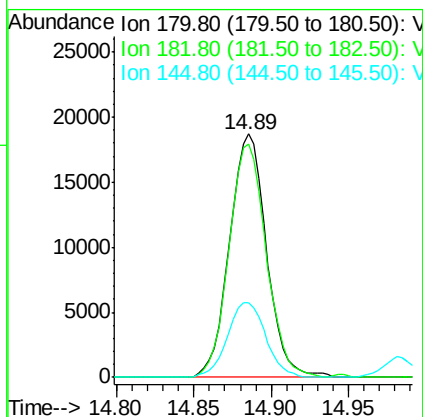
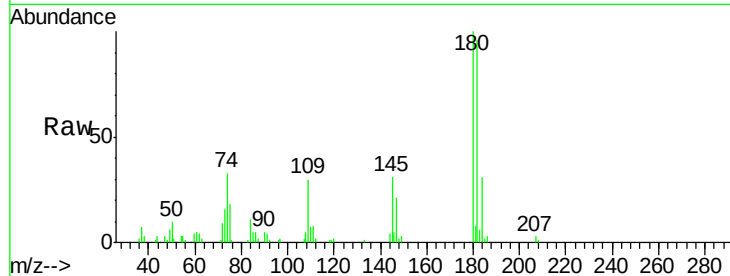




#93
 1,2,4-Trichlorobenzene
 Concen: 17.860 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

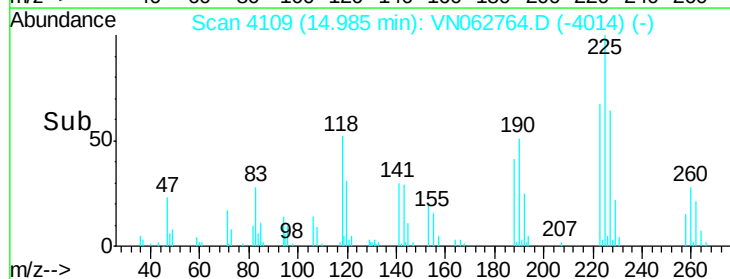
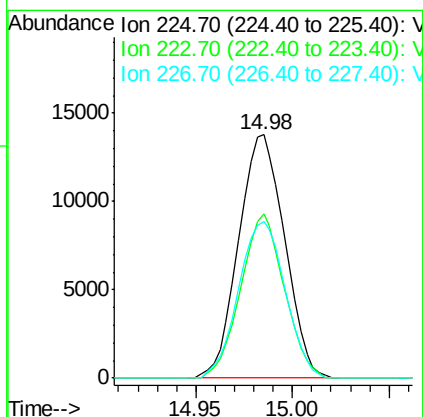
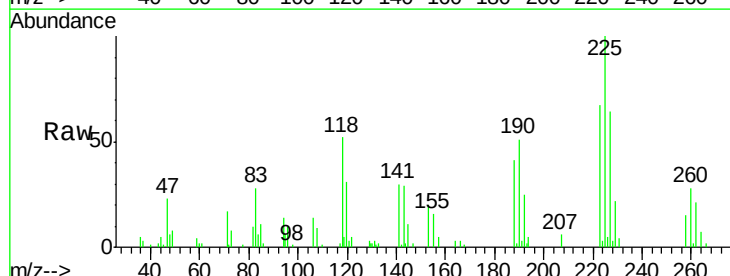
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

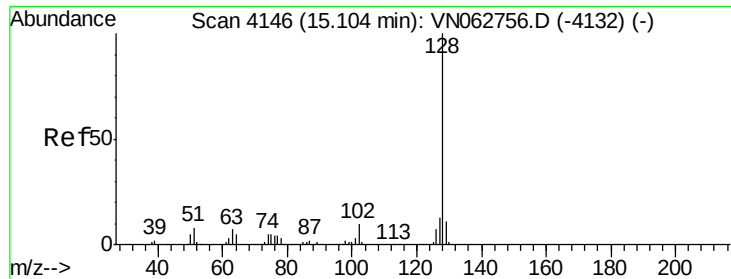
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	49.1	147.4
145	31.8	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 18.564 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.6	92.0
227	65.3	31.6	95.0

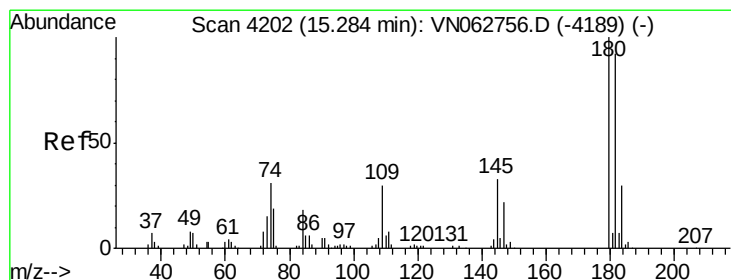
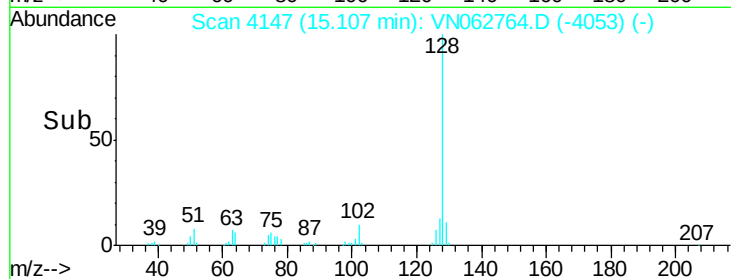
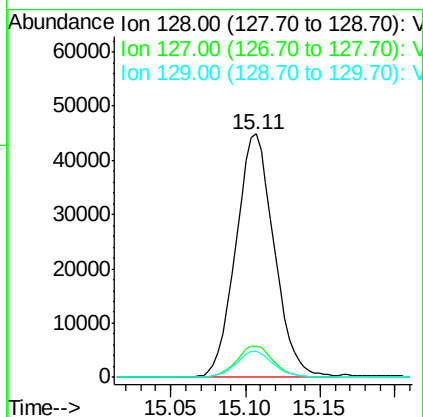
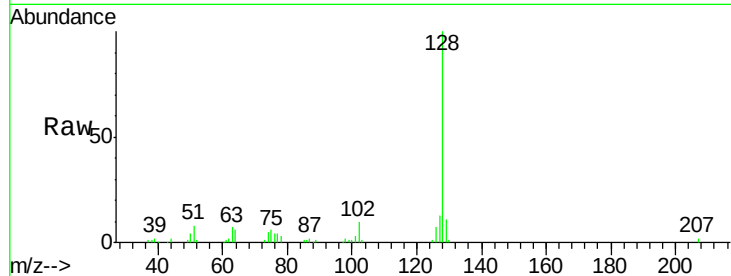




#95
Naphthalene
Concen: 17.353 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion:128 Resp: 79984
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.084 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion:180 Resp: 31788
Ion Ratio Lower Upper
180 100
182 99.0 47.9 143.6
145 36.2 17.3 51.7

