

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062121.D
 Acq On : 25 Jun 2020 19:18
 Operator : JC/MD
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Quant Time: Jun 26 01:52:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	452484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	172042	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	7.55	113	144485	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.06	98	551900	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.38	95	183840	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51387	17.855	ug/l	96
3) Chloromethane	2.03	50	70577	20.028	ug/l	98
4) Vinyl Chloride	2.16	62	83996	18.532	ug/l	99
5) Bromomethane	2.53	94	53980	18.428	ug/l	98
6) Chloroethane	2.67	64	57648	18.619	ug/l	98
7) Trichlorofluoromethane	2.98	101	101083	18.100	ug/l	99
8) Diethyl Ether	3.37	74	38460	19.722	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51266	17.529	ug/l	97
10) Methyl Iodide	3.91	142	65285	19.821	ug/l	98
11) Tert butyl alcohol	4.74	59	52732	102.785	ug/l	98
12) 1,1-Dichloroethene	3.70	96	56289	19.253	ug/l	94
13) Acrolein	3.56	56	42873	85.355	ug/l	99
14) Allyl chloride	4.28	41	74733	18.775	ug/l	95
15) Acrylonitrile	4.93	53	133010	95.140	ug/l	100
16) Acetone	3.78	43	104059	90.189	ug/l	97
17) Carbon Disulfide	4.01	76	148233	17.734	ug/l	100
18) Methyl Acetate	4.28	43	53353	18.783	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	187101	20.027	ug/l	99
20) Methylene Chloride	4.50	84	65780	19.923	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	60946	18.298	ug/l	96
22) Diisopropyl ether	5.90	45	170827	18.848	ug/l	96
23) Vinyl Acetate	5.84	43	690416	93.303	ug/l	99
24) 1,1-Dichloroethane	5.80	63	107077	18.347	ug/l	100
25) 2-Butanone	6.79	43	164079	93.945	ug/l	98
26) 2,2-Dichloropropane	6.77	77	75208	15.464	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	68925	18.390	ug/l	97
28) Bromochloromethane	7.15	49	40349	15.934	ug/l	95
29) Tetrahydrofuran	7.17	42	110326	96.433	ug/l	98
30) Chloroform	7.33	83	110907	18.678	ug/l	100
31) Cyclohexane	7.61	56	88189	17.864	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	93663	18.704	ug/l	98
36) 1,1-Dichloropropene	7.75	75	80078	17.607	ug/l	98
37) Ethyl Acetate	6.88	43	68460	18.178	ug/l	97
38) Carbon Tetrachloride	7.73	117	79134	18.455	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	84895	17.036	ug/l	97
40) Benzene	8.00	78	247012	17.819	ug/l	100
41) Methacrylonitrile	7.17	41	100189	57.382	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	84650	18.074	ug/l	100
43) Isopropyl Acetate	8.13	43	118711	19.336	ug/l #	89
44) Trichloroethene	8.80	130	64211	18.362	ug/l	94
45) 1,2-Dichloropropane	9.09	63	62570	18.296	ug/l	100
46) Dibromomethane	9.18	93	42953	18.524	ug/l	97
47) Bromodichloromethane	9.37	83	86266	18.425	ug/l	100
48) Methyl methacrylate	9.17	41	49034	17.813	ug/l	97
49) 1,4-Dioxane	9.17	88	23030	377.263	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	348005	97.019	ug/l	100
52) Toluene	10.12	92	157311	18.598	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	90970	17.661	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	99818	18.202	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62873	18.910	ug/l	98
56) Ethyl methacrylate	10.40	69	86737	19.548	ug/l	98
57) 1,3-Dichloropropane	10.68	76	105348	18.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	152090	91.424	ug/l	98
59) 2-Hexanone	10.72	43	247825	95.680	ug/l	100
60) Dibromochloromethane	10.87	129	65484	18.603	ug/l	100
61) 1,2-Dibromoethane	10.98	107	64560	18.897	ug/l	97
64) Tetrachloroethene	10.60	164	53299	18.886	ug/l	97
65) Chlorobenzene	11.40	112	169125	18.641	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	58814	18.747	ug/l	97
67) Ethyl Benzene	11.48	91	293851	19.178	ug/l	99
68) m/p-Xylenes	11.60	106	224196	37.830	ug/l	99
69) o-Xylene	11.92	106	107816	19.282	ug/l	98
70) Styrene	11.94	104	174788	18.743	ug/l	99
71) Bromoform	12.10	173	42865	19.217	ug/l #	100
73) Isopropylbenzene	12.22	105	282791	19.588	ug/l	100
74) N-amyl acetate	12.05	43	92204	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	91186	18.980	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	108061	24.613	ug/l #	100
77) Bromobenzene	12.50	156	70460	19.659	ug/l	94
78) n-propylbenzene	12.57	91	310030	18.774	ug/l	99
79) 2-Chlorotoluene	12.65	91	187726	18.804	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	234417	20.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25816	17.172	ug/l	100
82) 4-Chlorotoluene	12.75	91	191508	18.550	ug/l	99
83) tert-Butylbenzene	12.97	119	200047	19.973	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	227168	19.435	ug/l	98
85) sec-Butylbenzene	13.15	105	252366	19.069	ug/l	99
86) p-Isopropyltoluene	13.27	119	224378	19.351	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118861	18.885	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	119508	18.421	ug/l	99
89) n-Butylbenzene	13.59	91	174600	18.112	ug/l	99
90) Hexachloroethane	13.85	117	40575	17.836	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	116882	19.151	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14682	19.077	ug/l	92

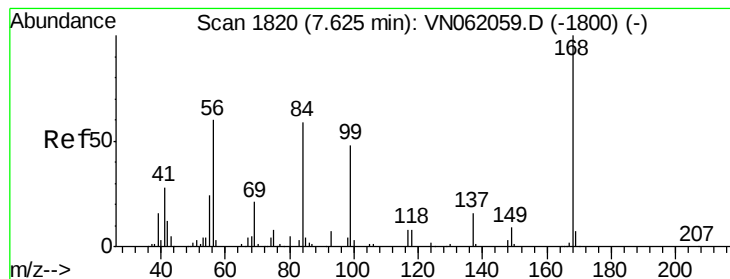
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51482	19.309	ug/l	100
94) Hexachlorobutadiene	14.99	225	22126	19.107	ug/l	97
95) Naphthalene	15.11	128	166280	21.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	54219	19.888	ug/l	100

(#) = 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: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

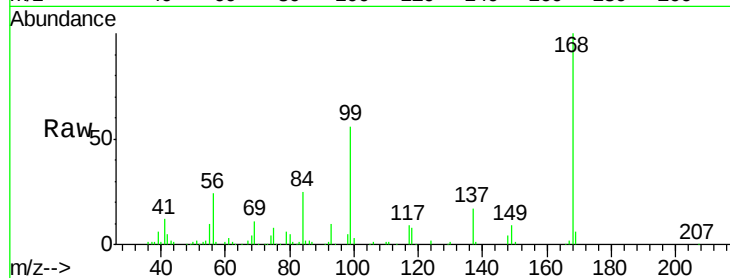
VN0625WBSD01

Tgt Ion:168 Resp: 254623

Ion Ratio Lower Upper

168 100

99 56.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

60000

40000

20000

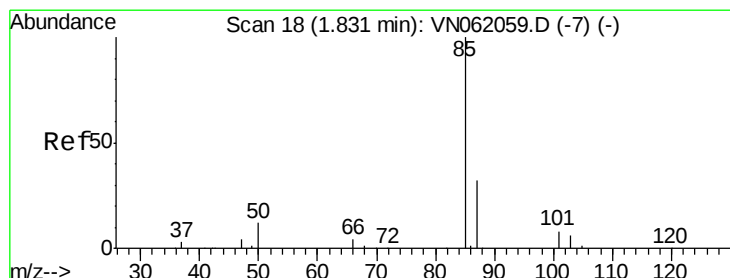
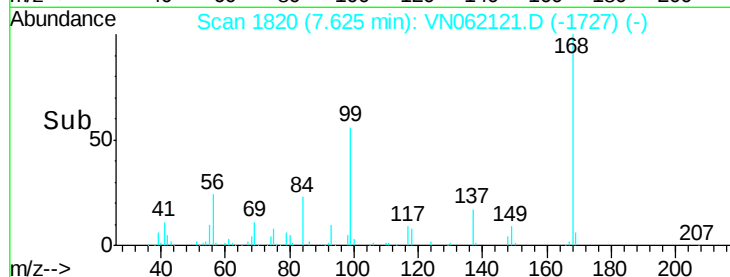
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.855 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062121.D

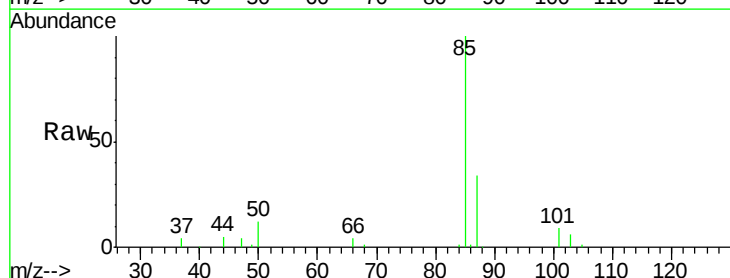
Acq: 25 Jun 2020 19:18

Tgt Ion: 85 Resp: 51387

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

20000

10000

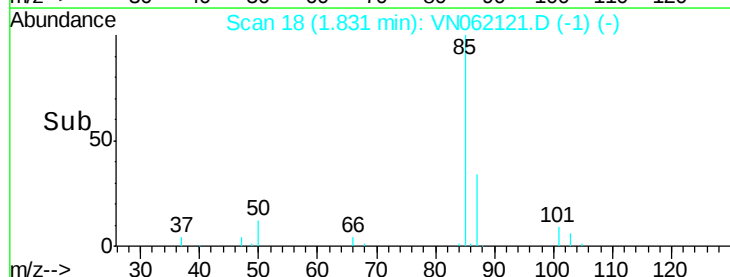
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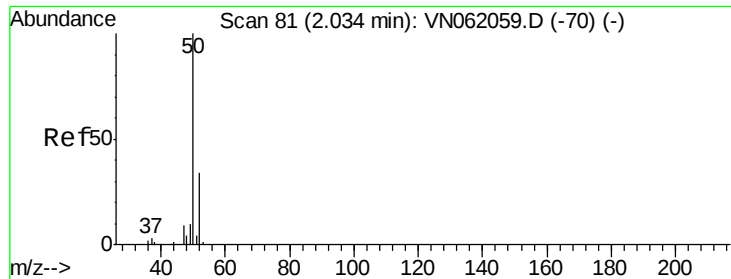
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 20.028 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

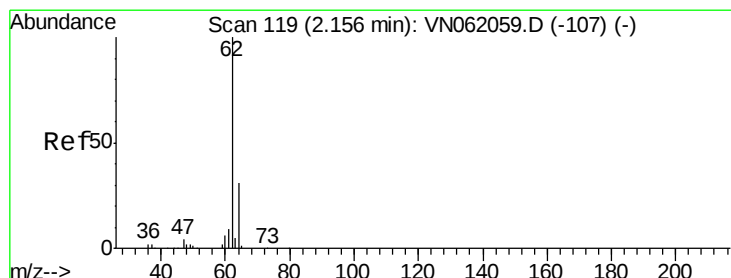
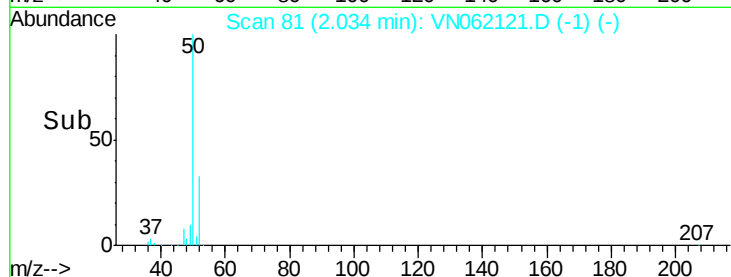
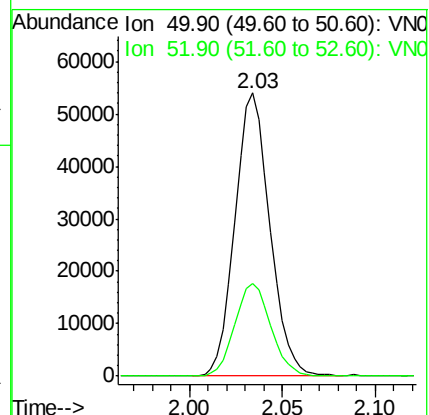
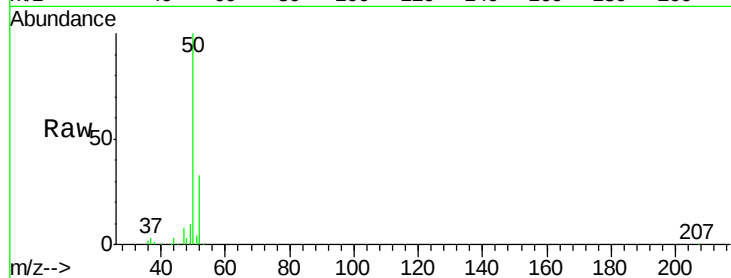
VN0625WBSD01

Tgt Ion: 50 Resp: 70577

Ion Ratio Lower Upper

50 100

52 32.5 27.0 40.6



#4

Vinyl Chloride

Concen: 18.532 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062121.D

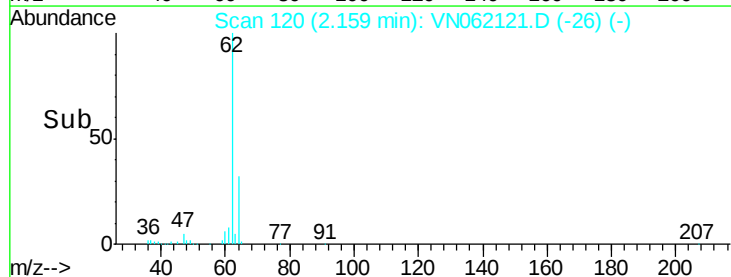
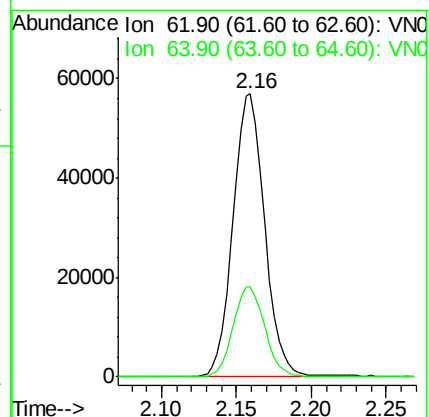
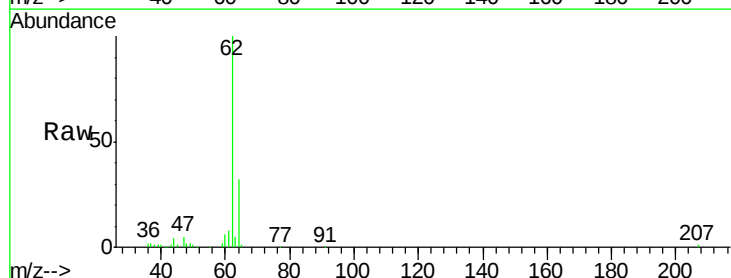
Acq: 25 Jun 2020 19:18

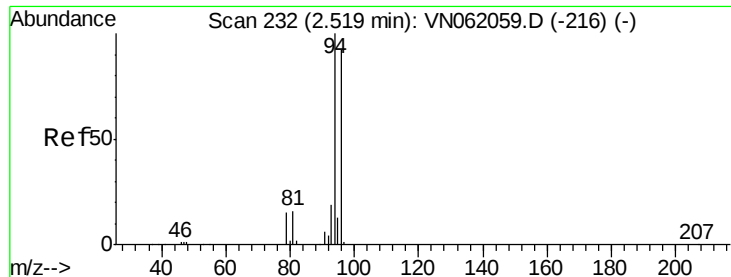
Tgt Ion: 62 Resp: 83996

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 18.428 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

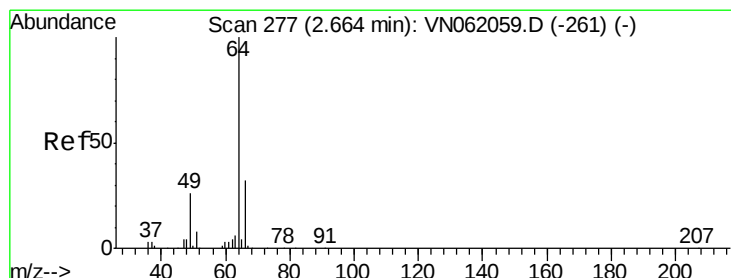
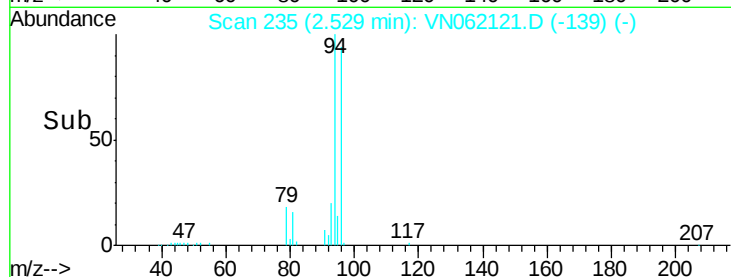
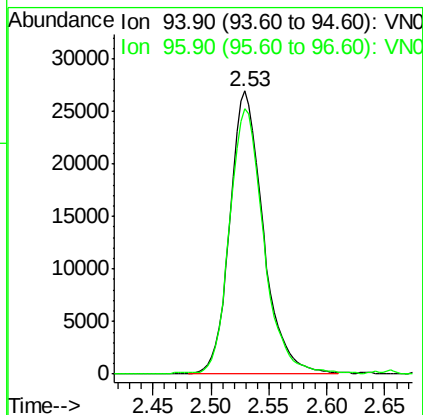
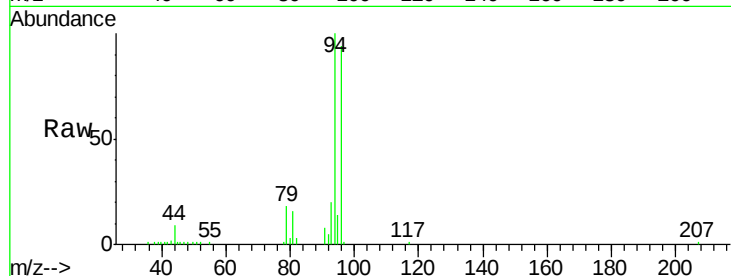
VN0625WBSD01

Tgt Ion: 94 Resp: 53980

Ion Ratio Lower Upper

94 100

96 93.3 73.4 110.2



#6

Chloroethane

Concen: 18.619 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062121.D

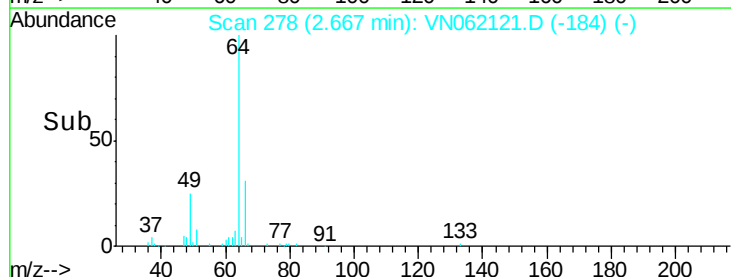
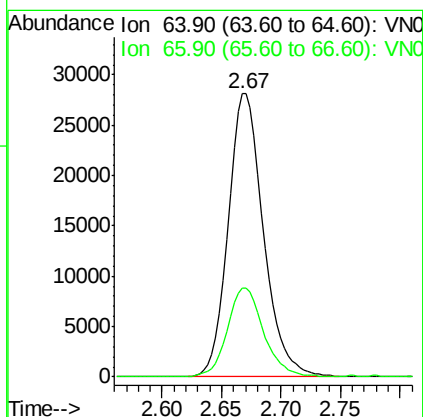
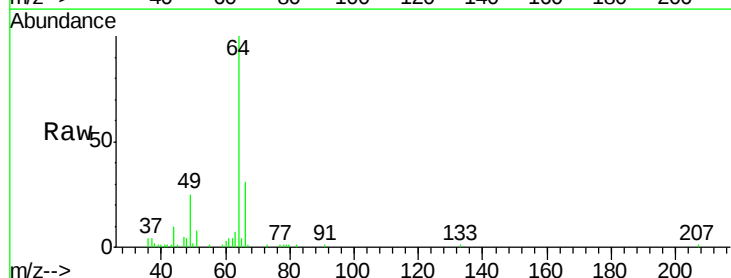
Acq: 25 Jun 2020 19:18

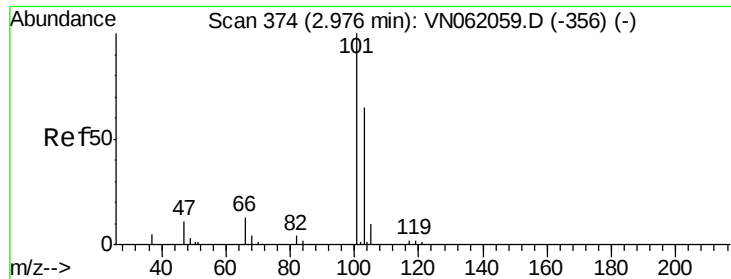
Tgt Ion: 64 Resp: 57648

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6



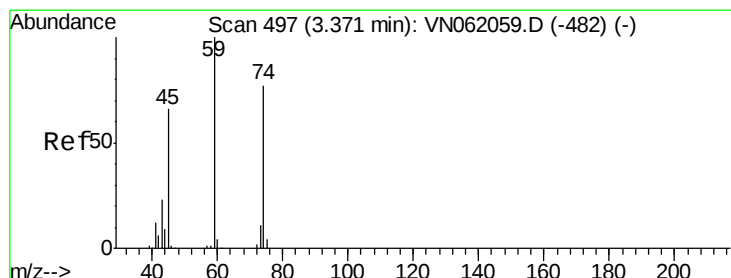
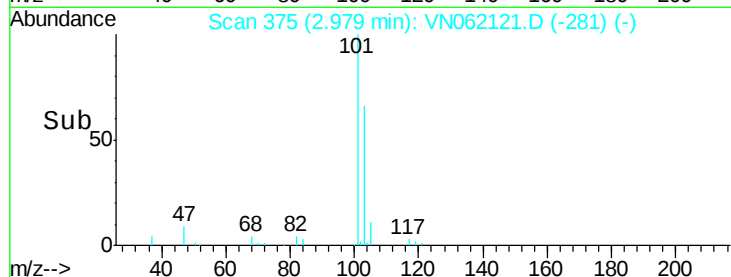
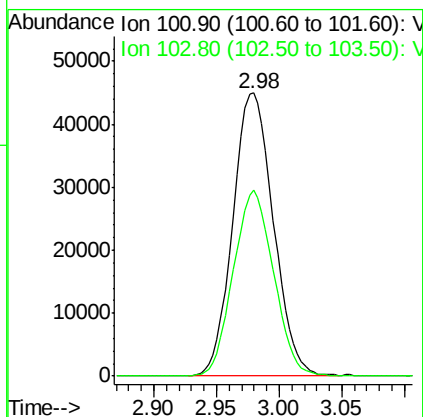
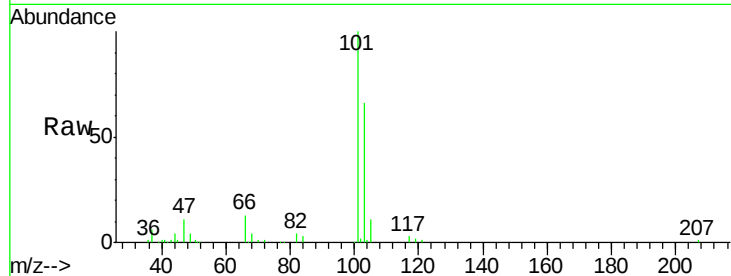


#7

Trichlorofluoromethane
Concen: 18.100 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

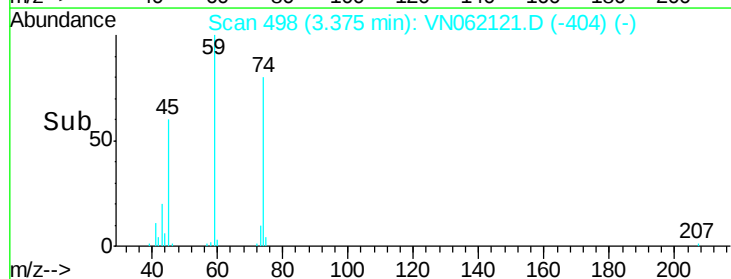
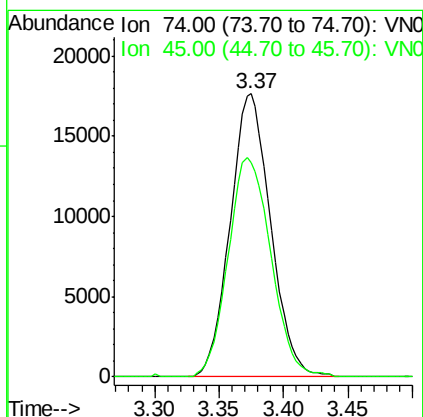
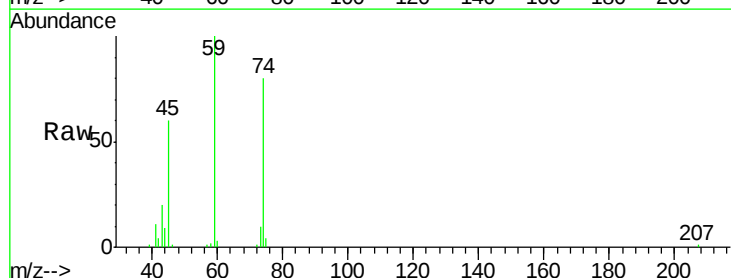
Tgt Ion:101 Resp: 101083
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.6

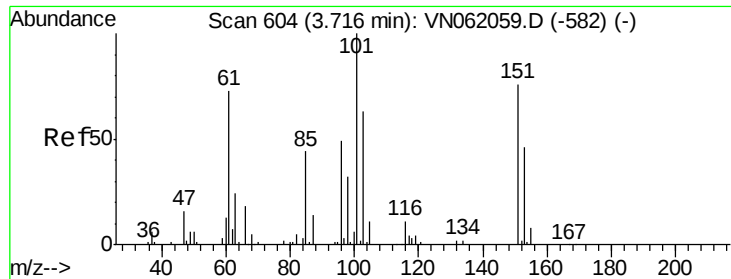


#8

Diethyl Ether
Concen: 19.722 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 74 Resp: 38460
Ion Ratio Lower Upper
74 100
45 82.0 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.529 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

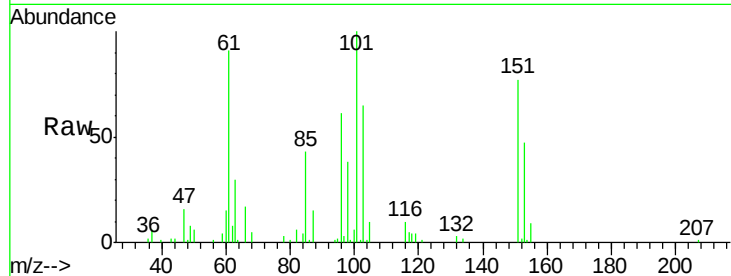
Tgt Ion:101 Resp: 51266

Ion Ratio Lower Upper

101 100

85 44.3 34.5 51.7

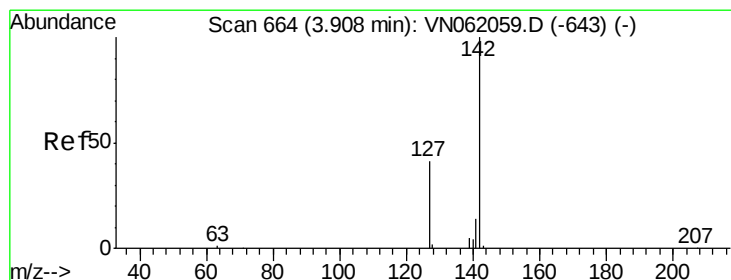
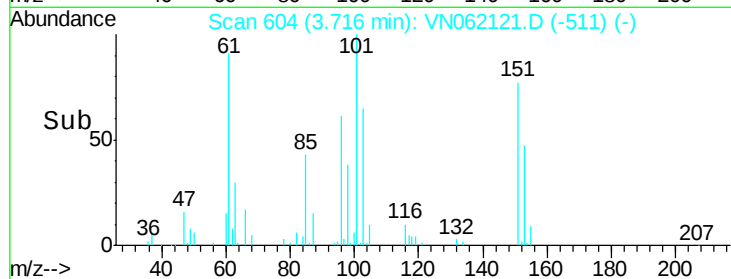
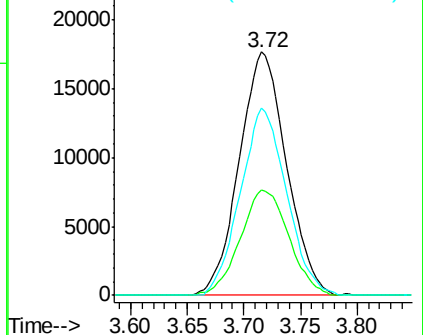
151 75.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.821 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

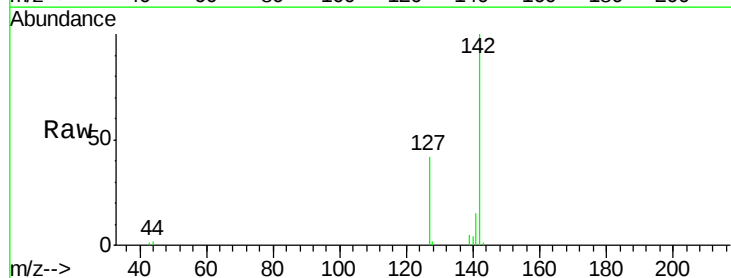
Tgt Ion:142 Resp: 65285

Ion Ratio Lower Upper

142 100

127 41.1 33.6 50.4

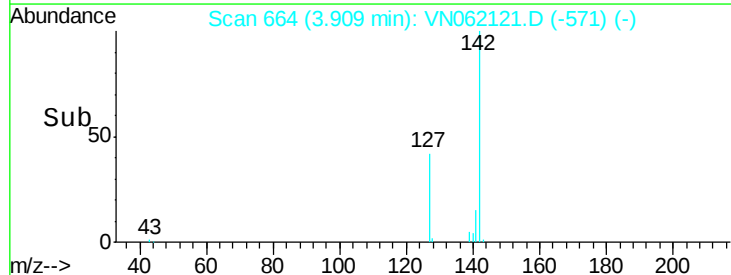
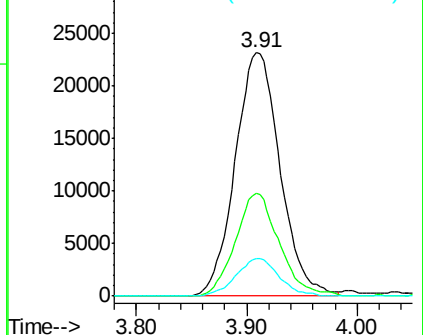
141 14.8 11.3 16.9



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



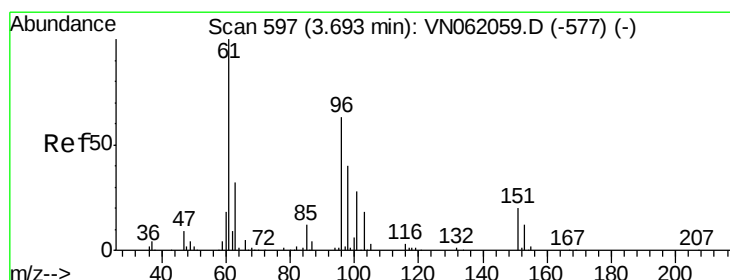
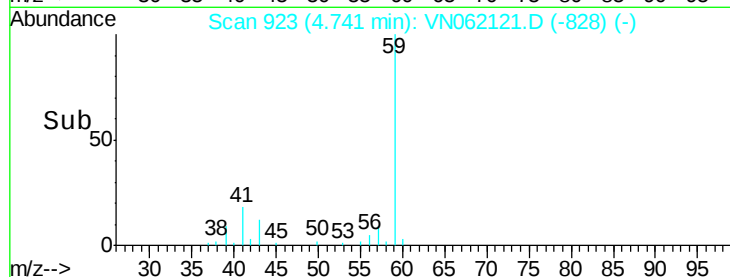
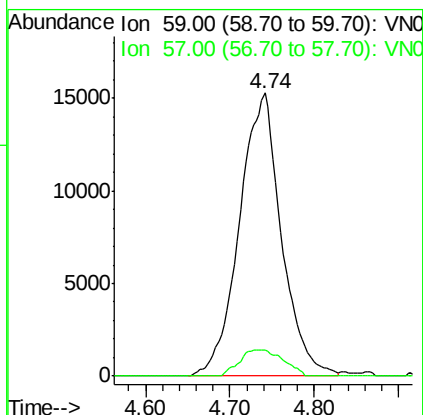
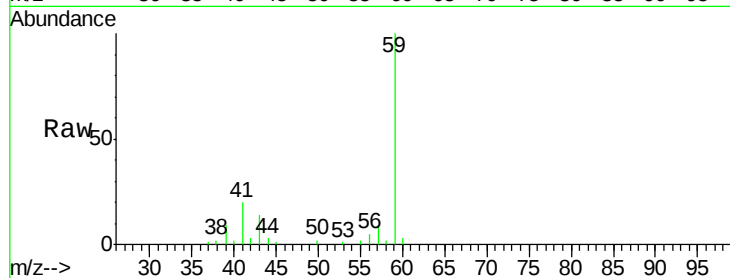


#11

Tert butyl alcohol
 Concen: 102.785 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

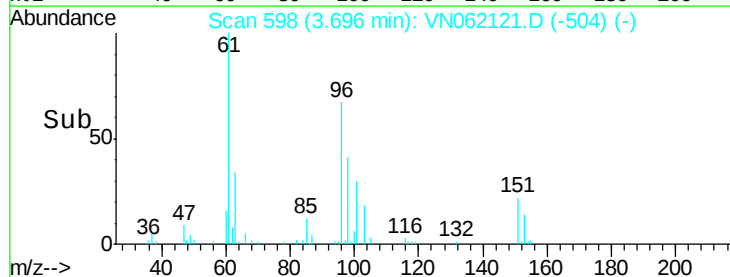
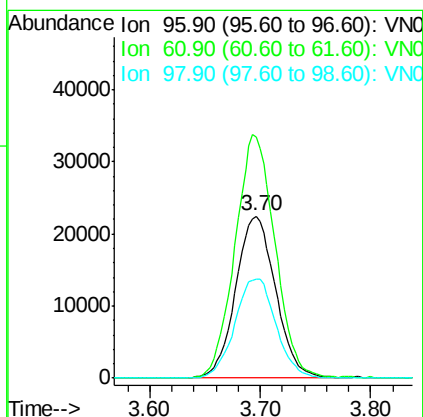
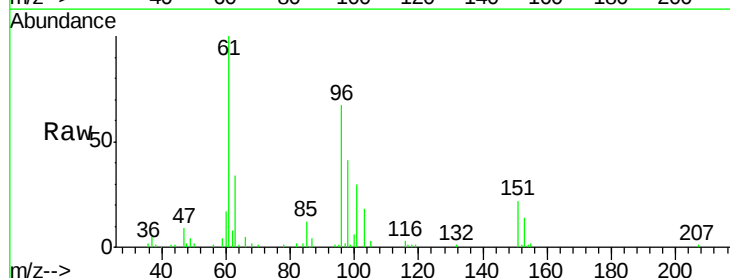
Tgt Ion: 59 Resp: 52732
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

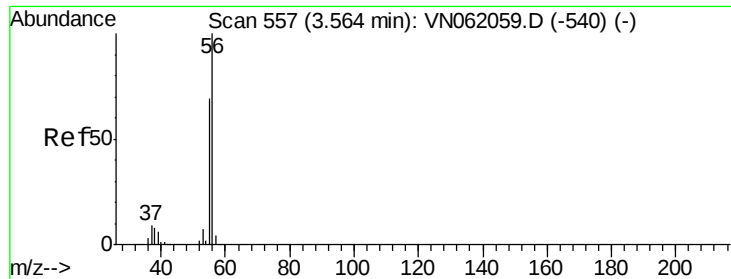


#12

1,1-Dichloroethene
 Concen: 19.253 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 96 Resp: 56289
 Ion Ratio Lower Upper
 96 100
 61 148.8 126.7 190.1
 98 61.4 51.0 76.4





#13

Acrolein

Concen: 85.355 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

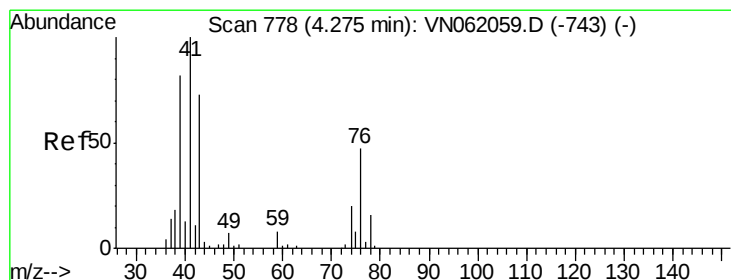
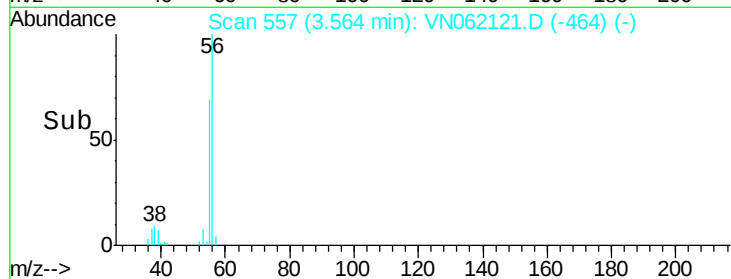
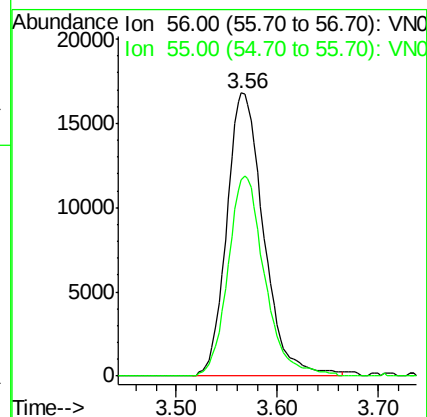
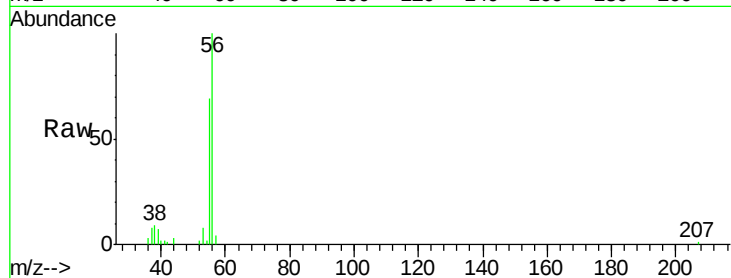
VN0625WBSD01

Tgt Ion: 56 Resp: 42873

Ion Ratio Lower Upper

56 100

55 70.1 55.5 83.3



#14

Allyl chloride

Concen: 18.775 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

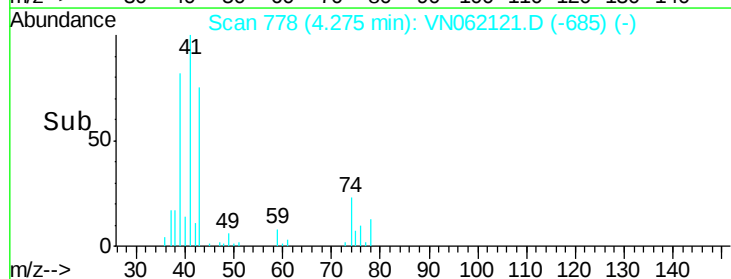
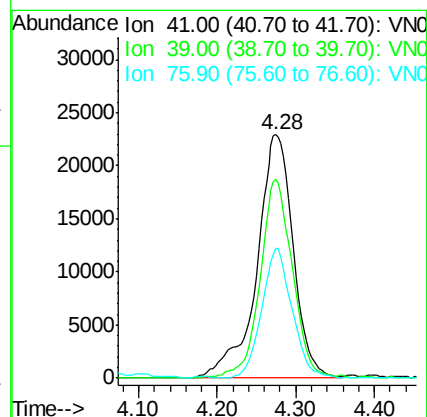
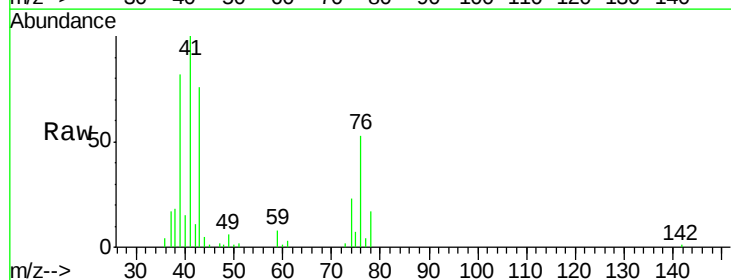
Tgt Ion: 41 Resp: 74733

Ion Ratio Lower Upper

41 100

39 70.3 60.0 90.0

76 44.6 34.1 51.1





#15

Acrylonitrile

Concen: 95.140 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

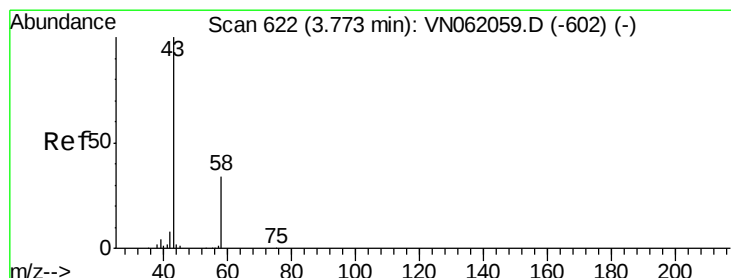
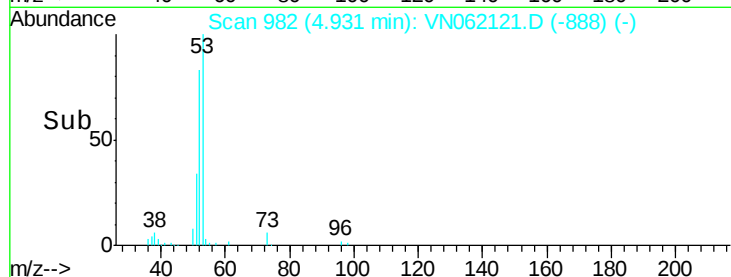
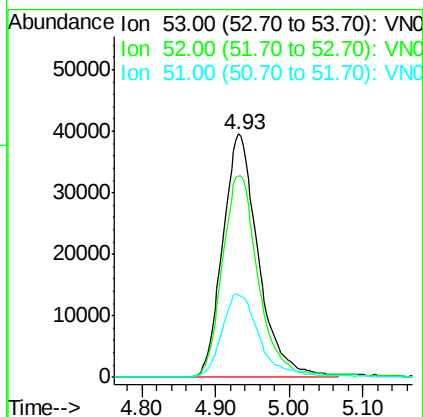
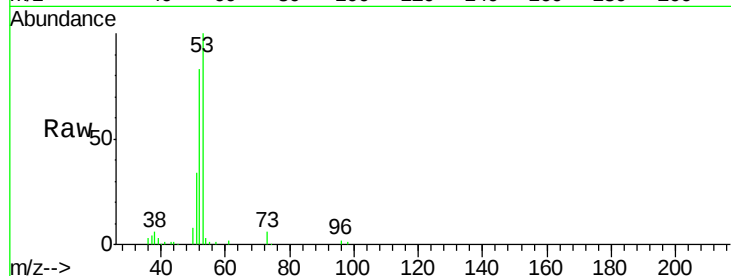
Tgt Ion: 53 Resp: 133010

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.4

51 35.8 28.9 43.3



#16

Acetone

Concen: 90.189 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062121.D

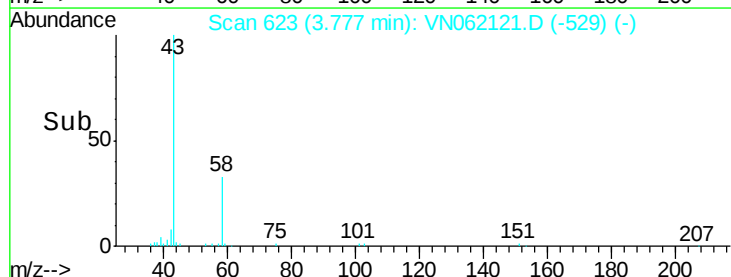
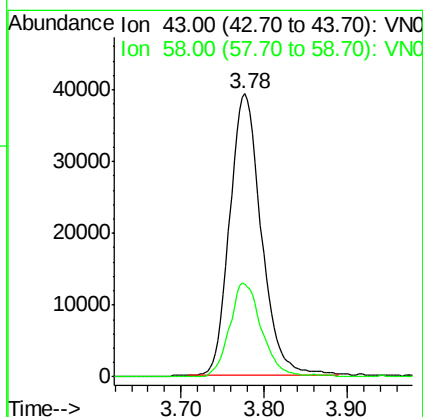
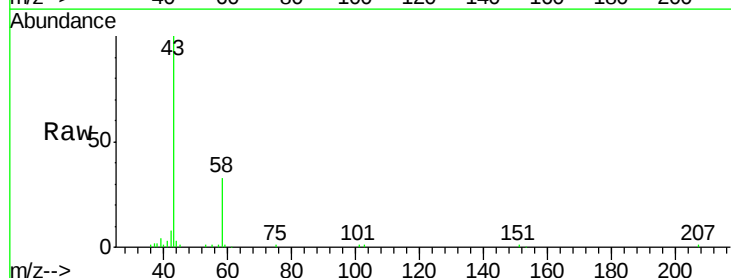
Acq: 25 Jun 2020 19:18

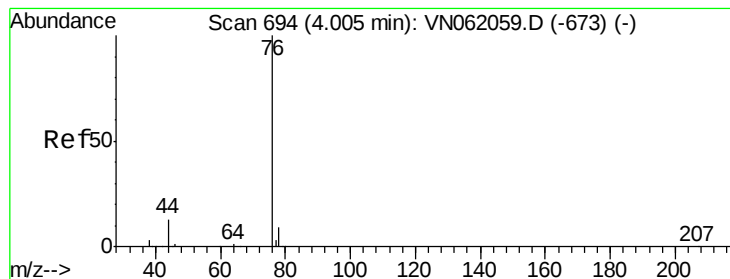
Tgt Ion: 43 Resp: 104059

Ion Ratio Lower Upper

43 100

58 32.9 27.5 41.3





#17

Carbon Disulfide

Concen: 17.734 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

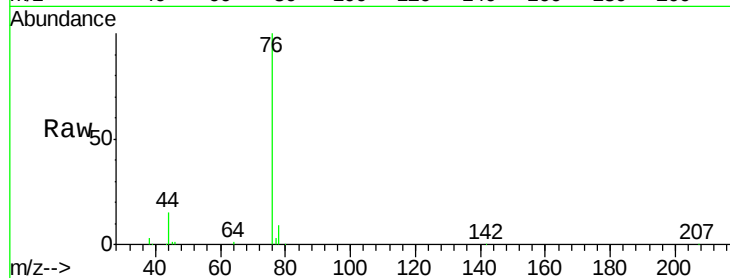
VN0625WBSD01

Tgt Ion: 76 Resp: 148233

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)

4.01

60000

50000

40000

30000

20000

10000

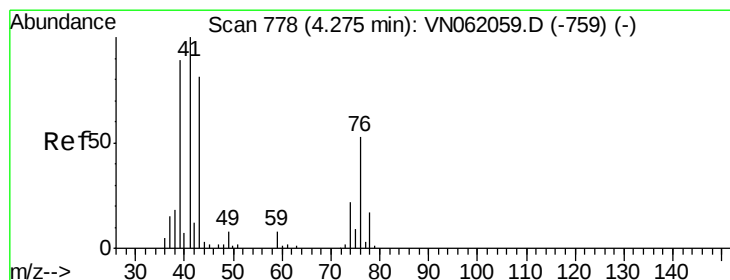
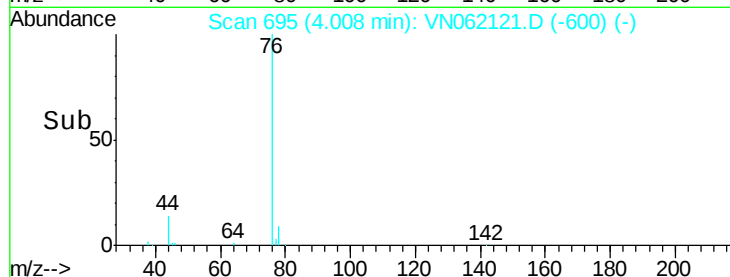
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 18.783 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062121.D

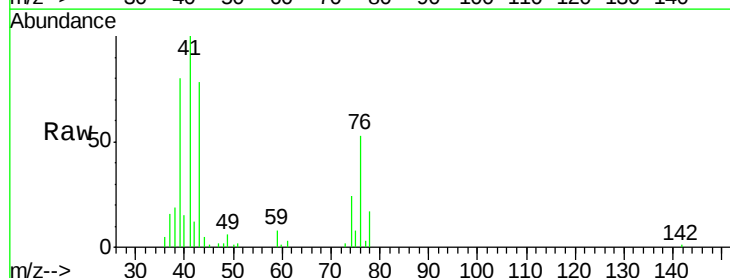
Acq: 25 Jun 2020 19:18

Tgt Ion: 43 Resp: 53353

Ion Ratio Lower Upper

43 100

74 29.4 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)

4.28

20000

15000

10000

5000

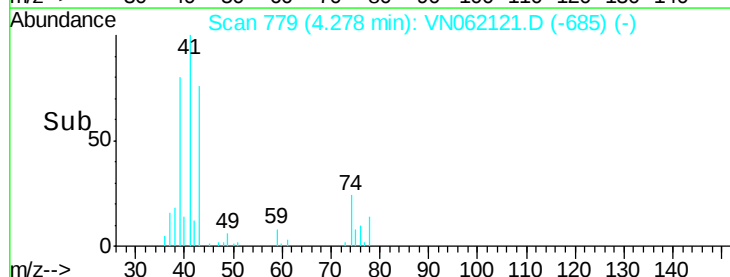
0

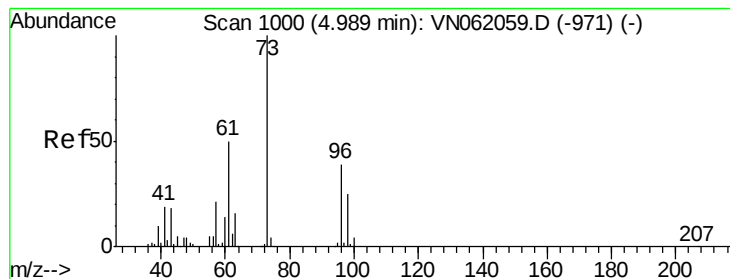
Time-->

4.20

4.30

4.40





#19

Methyl tert-butyl Ether

Concen: 20.027 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampled :

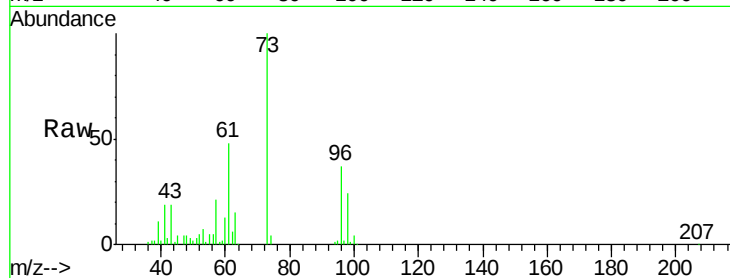
VN0625WBSD01

Tgt Ion: 73 Resp: 187101

Ion Ratio Lower Upper

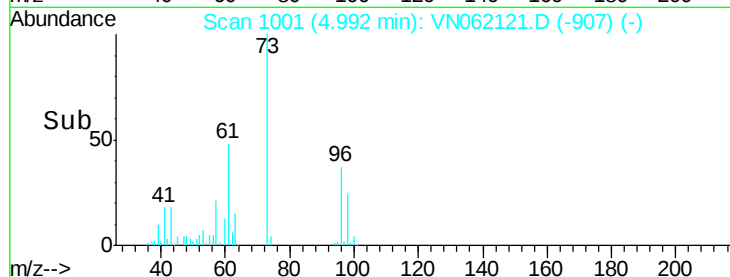
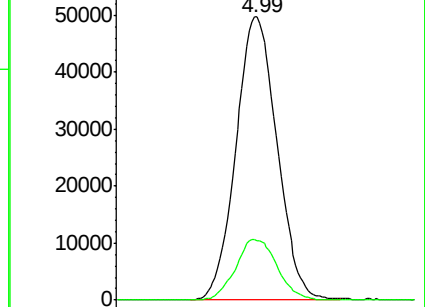
73 100

57 21.2 16.6 24.8

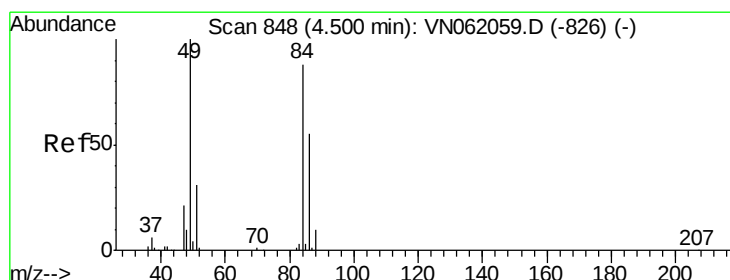


Abundance Ion 73.00 (72.70 to 73.70): VN062059.D (-971) (-)

Ion 57.00 (56.70 to 57.70): VN062059.D (-971) (-)



Time-->



#20

Methylene Chloride

Concen: 19.923 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion: 84 Resp: 65780

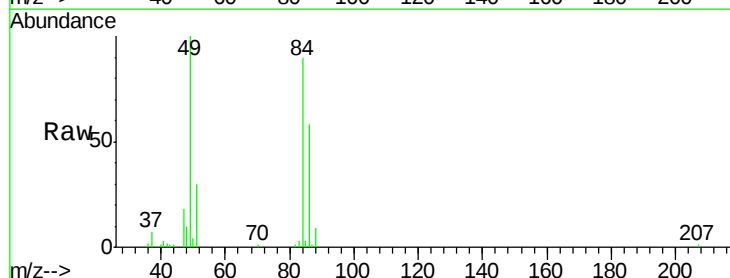
Ion Ratio Lower Upper

84 100

49 111.3 90.6 136.0

51 33.8 27.8 41.8

86 64.1 50.1 75.1

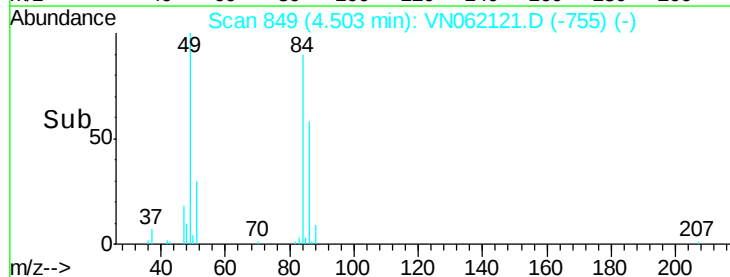
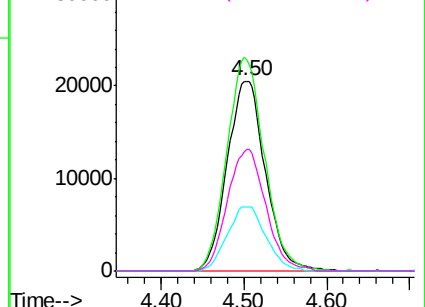


Abundance Ion 83.90 (83.60 to 84.60): VN062059.D (-826) (-)

Ion 48.90 (48.60 to 49.60): VN062059.D (-826) (-)

Ion 50.90 (50.60 to 51.60): VN062059.D (-826) (-)

Ion 85.90 (85.60 to 86.60): VN062059.D (-826) (-)



Time-->



#21

trans-1,2-Dichloroethene

Concen: 18.298 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

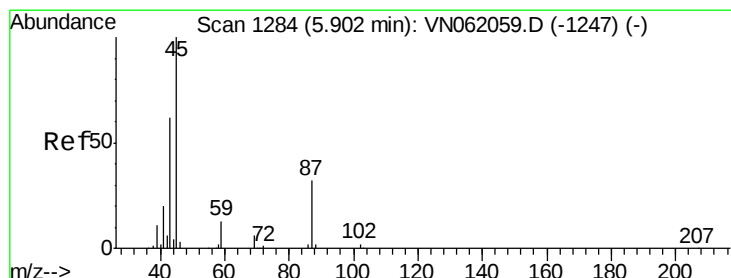
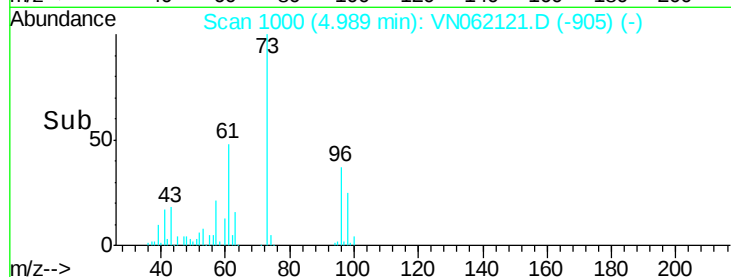
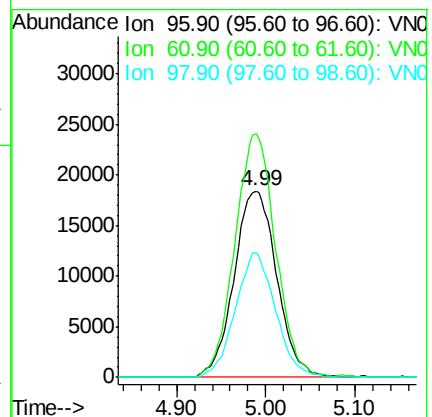
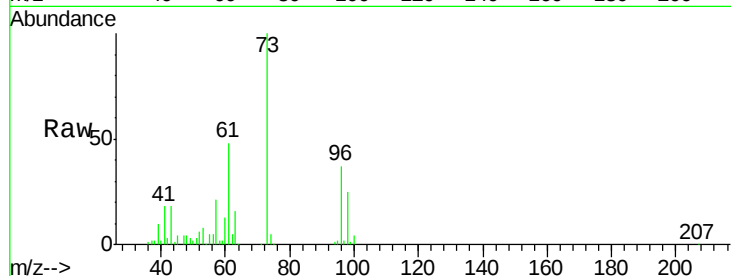
Tgt Ion: 96 Resp: 60946

Ion Ratio Lower Upper

96 100

61 130.4 101.4 152.2

98 67.0 49.3 73.9



#22

Diisopropyl ether

Concen: 18.848 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion: 45 Resp: 170827

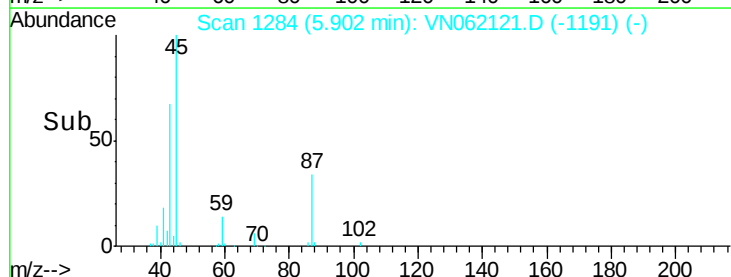
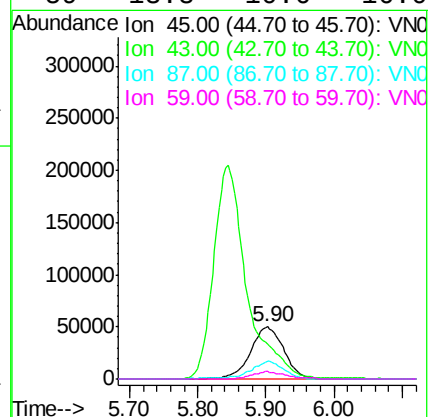
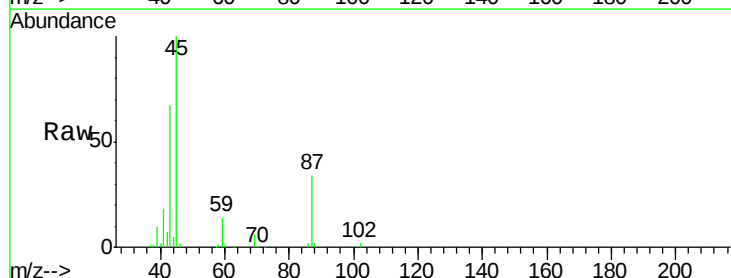
Ion Ratio Lower Upper

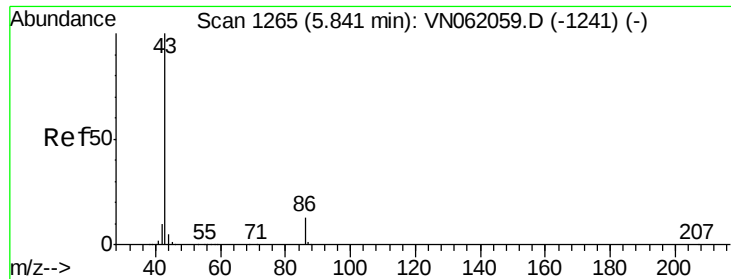
45 100

43 65.8 49.7 74.5

87 33.9 25.9 38.9

59 13.8 10.6 16.0

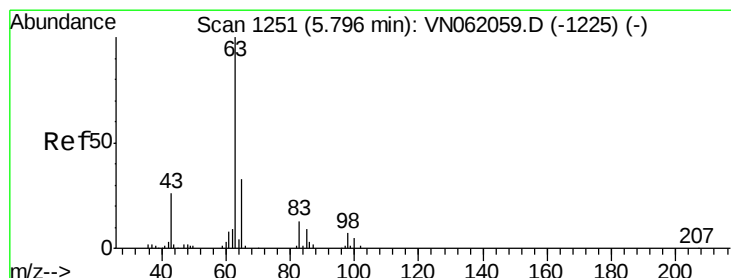
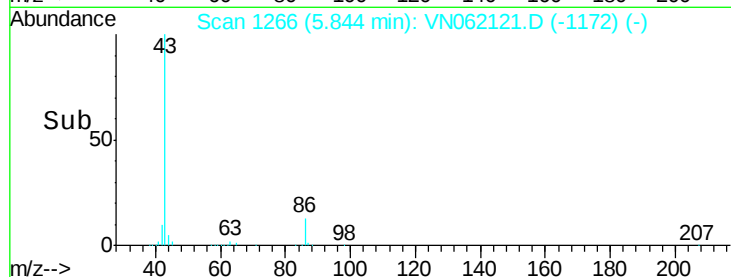
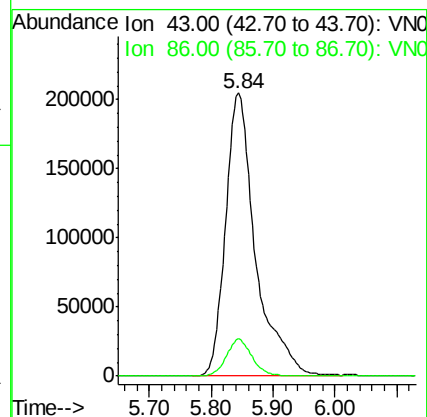
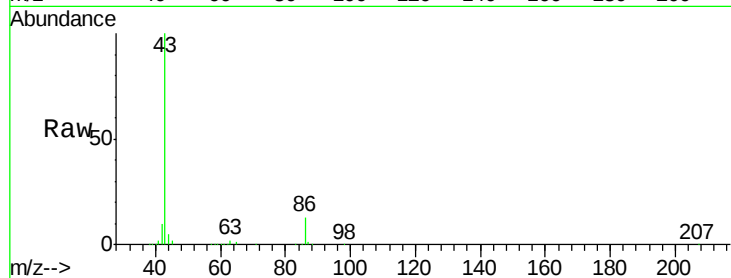




#23
 Vinyl Acetate
 Concen: 93.303 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

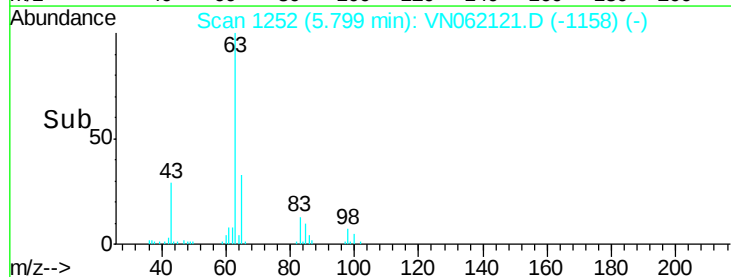
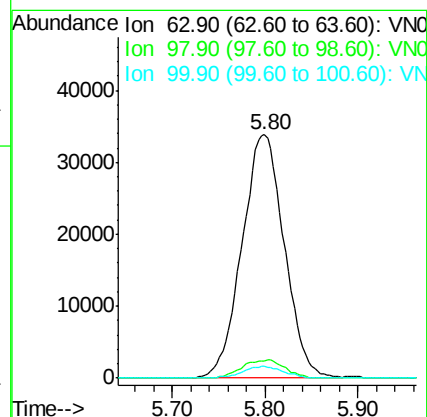
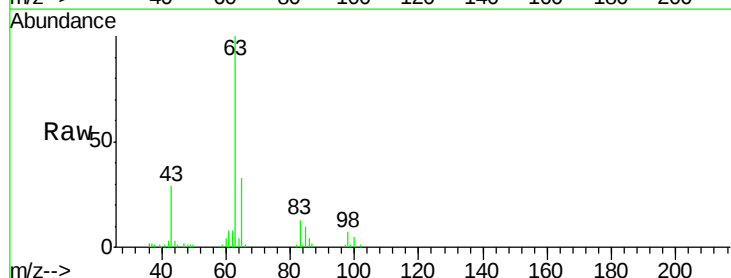
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

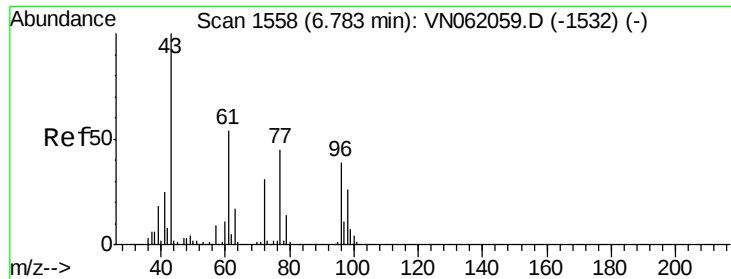
Tgt Ion: 43 Resp: 690416
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 18.347 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 63 Resp: 107077
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.7 2.4 7.1

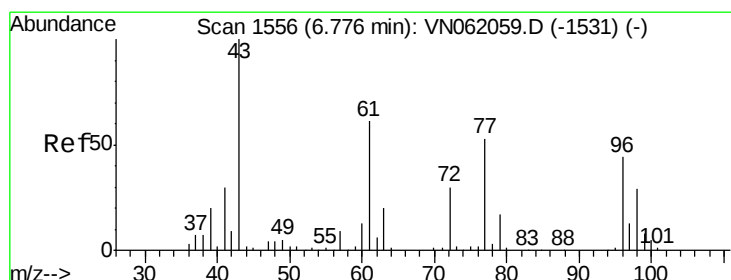
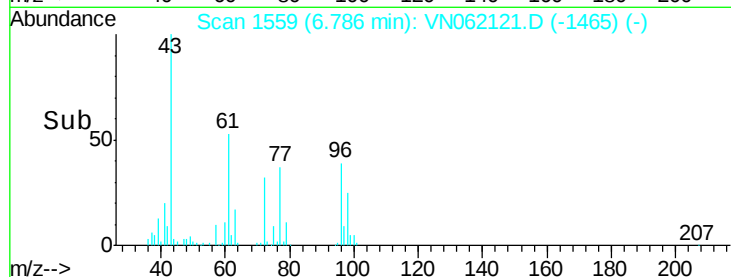
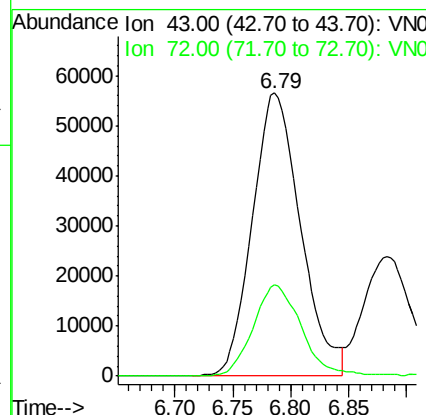
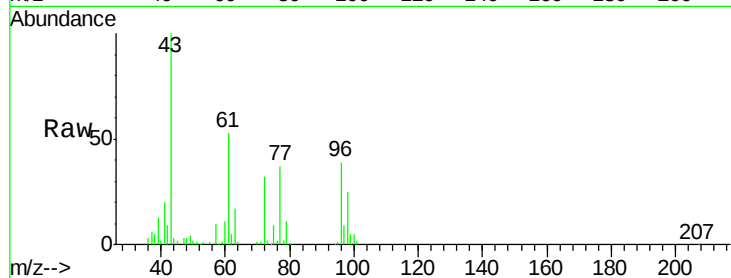




#25
2-Butanone
Concen: 93.945 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

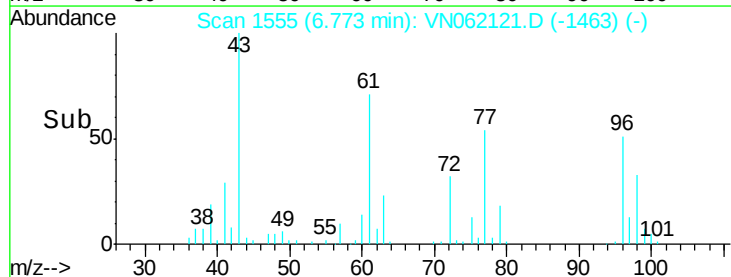
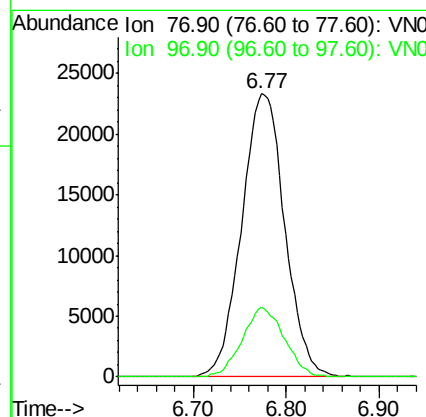
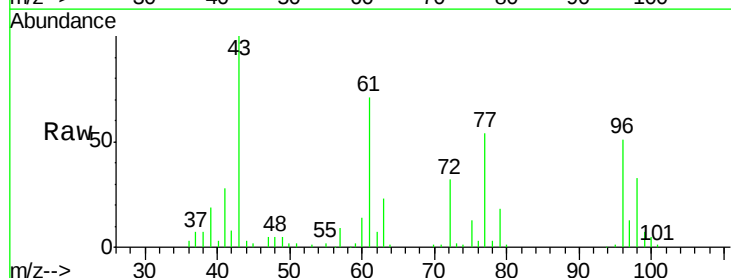
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

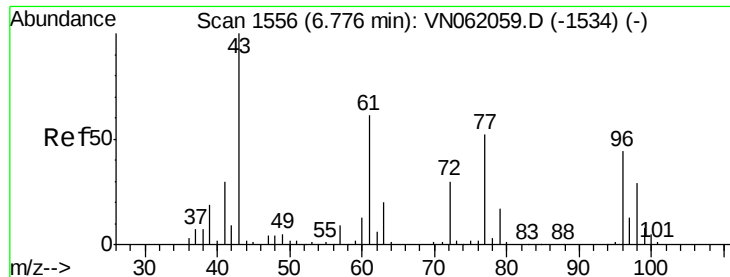
Tgt Ion: 43 Resp: 164079
Ion Ratio Lower Upper
43 100
72 32.3 24.8 37.2



#26
2,2-Dichloropropane
Concen: 15.464 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 77 Resp: 75208
Ion Ratio Lower Upper
77 100
97 23.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.390 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

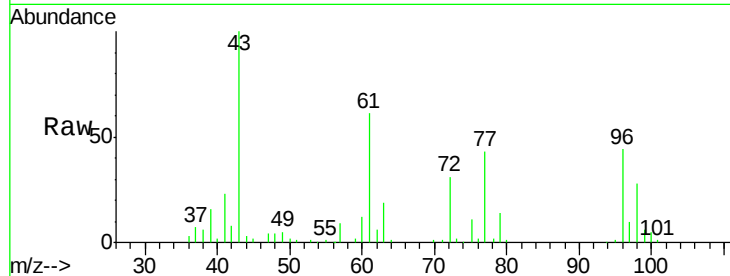
Tgt Ion: 96 Resp: 68925

Ion Ratio Lower Upper

96 100

61 135.8 0.0 280.4

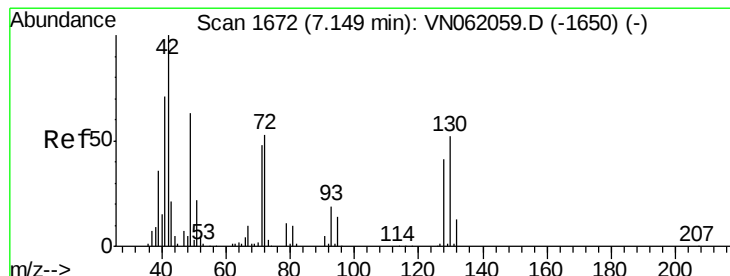
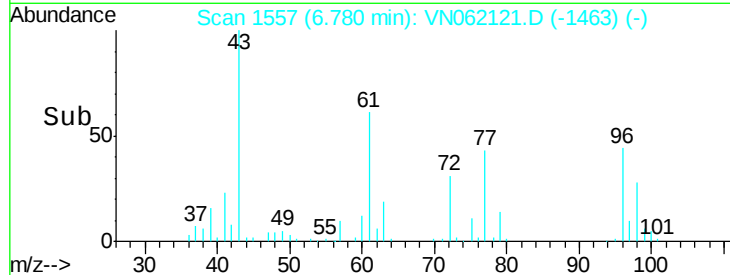
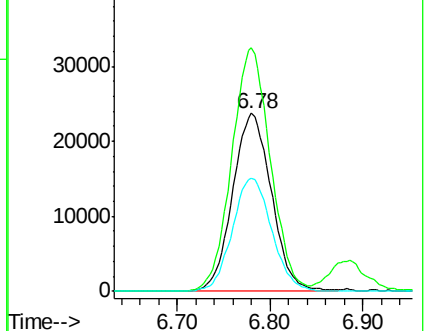
98 64.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062121.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062121.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062121.D (-1534) (-)



#28

Bromochloromethane

Concen: 15.934 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

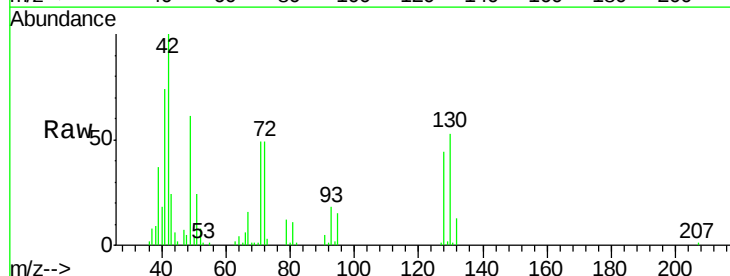
Tgt Ion: 49 Resp: 40349

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

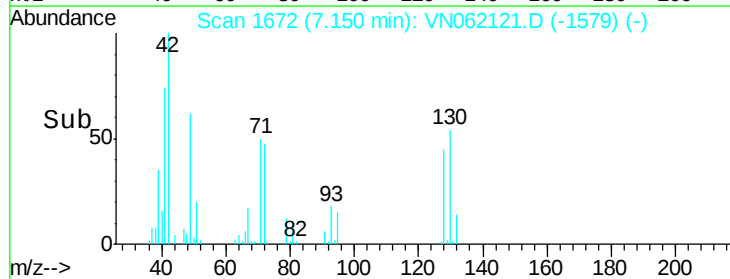
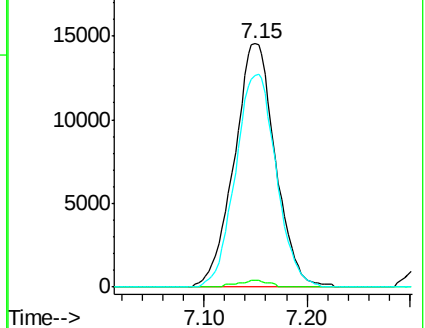
130 86.4 65.5 98.3

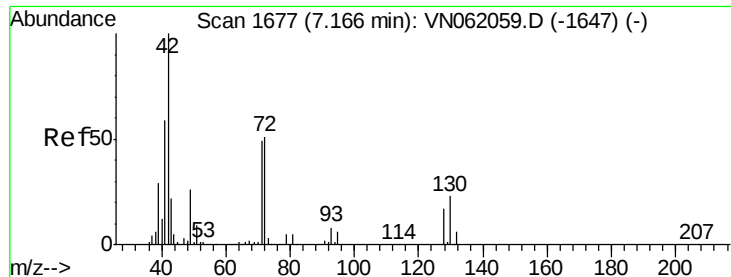


Abundance Ion 48.90 (48.60 to 49.60): VN062121.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062121.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062121.D (-1579) (-)

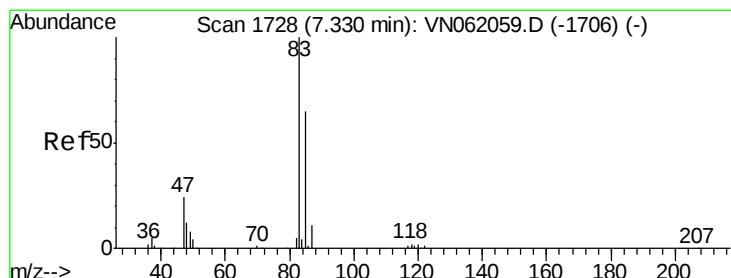
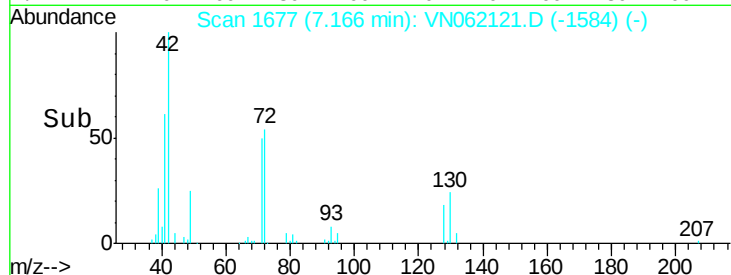
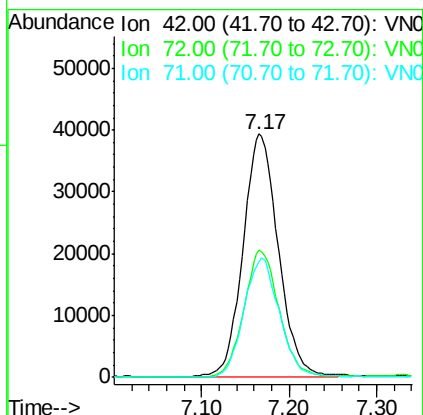
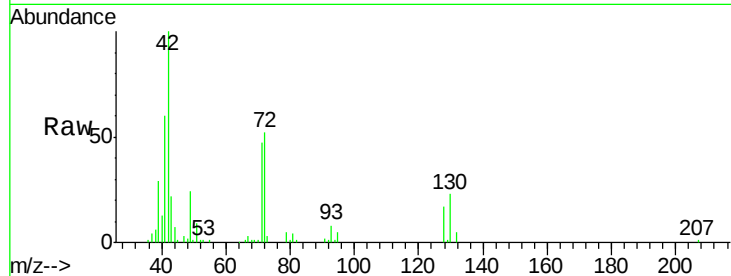




#29
Tetrahydrofuran
Concen: 96.433 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

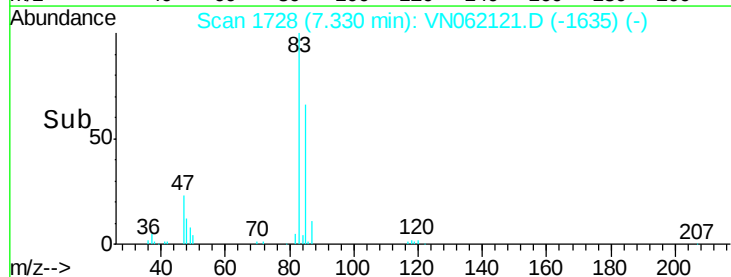
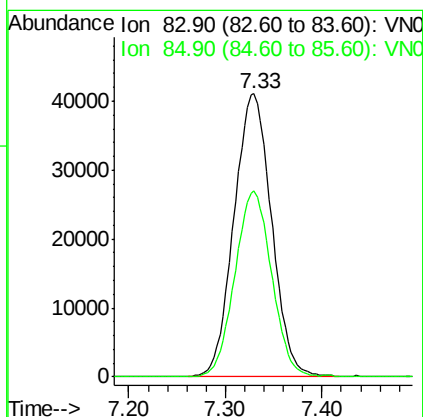
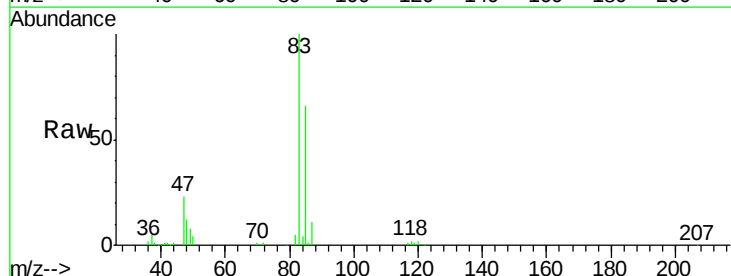
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

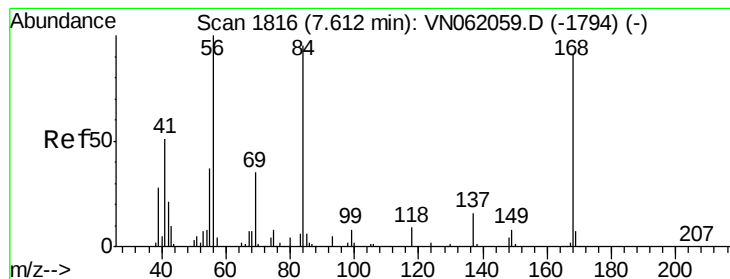
Tgt Ion: 42 Resp: 110326
Ion Ratio Lower Upper
42 100
72 52.3 41.1 61.7
71 49.3 38.2 57.4



#30
Chloroform
Concen: 18.678 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 83 Resp: 110907
Ion Ratio Lower Upper
83 100
85 65.7 52.3 78.5





#31

Cyclohexane

Concen: 17.864 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

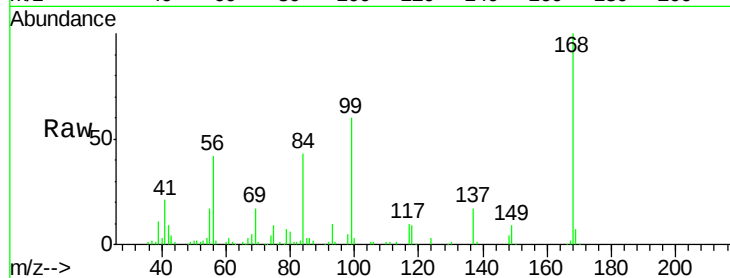
Tgt Ion: 56 Resp: 88189

Ion Ratio Lower Upper

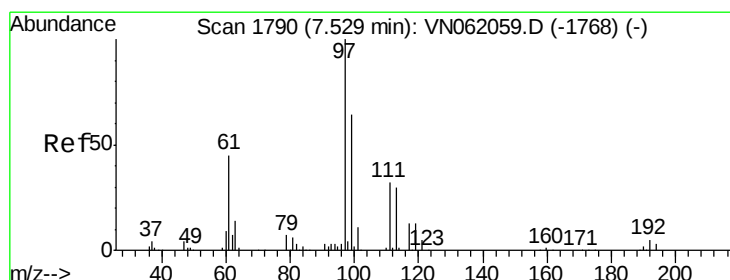
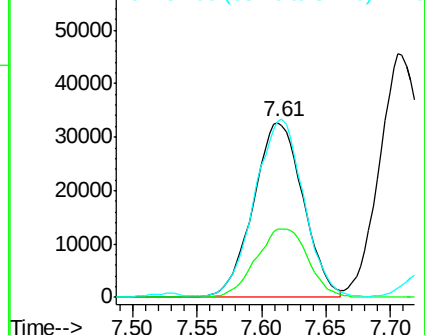
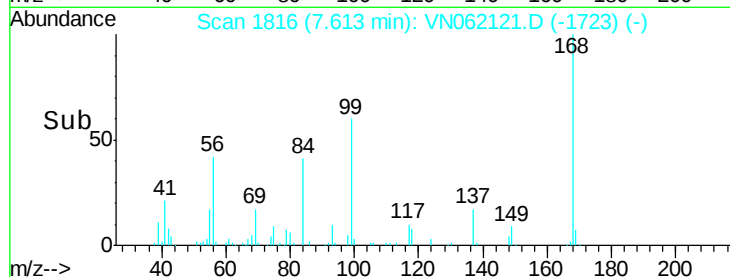
56 100

69 38.9 28.0 42.0

84 99.6 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062121.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.704 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

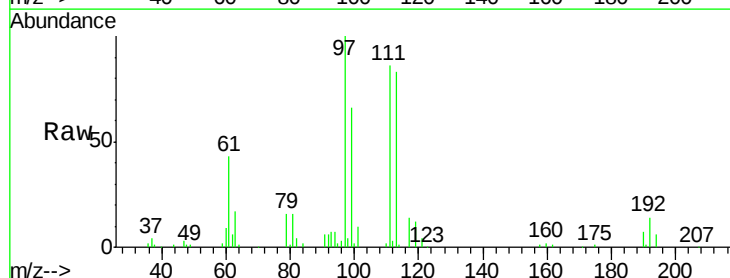
Tgt Ion: 97 Resp: 93663

Ion Ratio Lower Upper

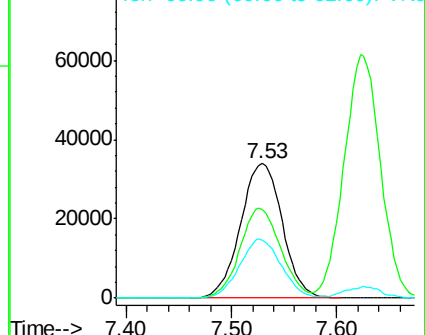
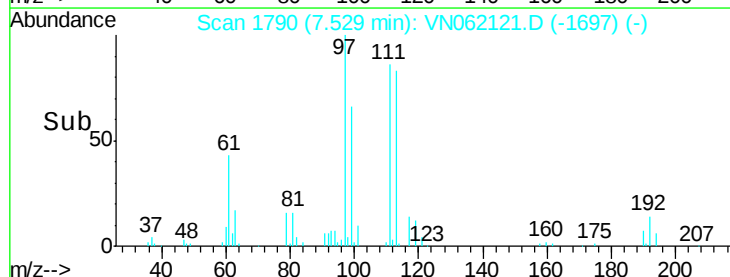
97 100

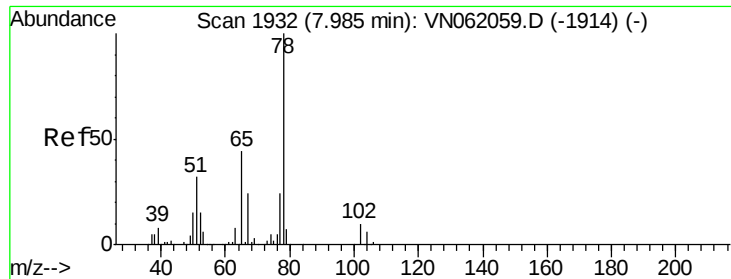
99 65.0 51.0 76.4

61 43.6 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN062121.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 48.148 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

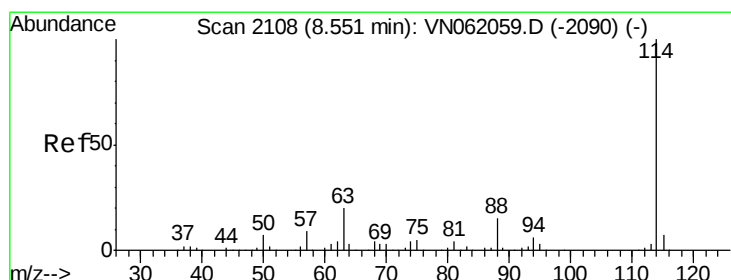
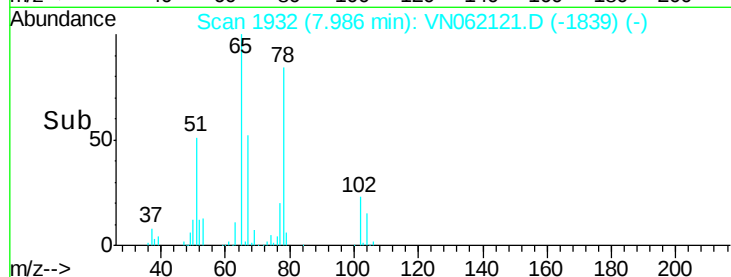
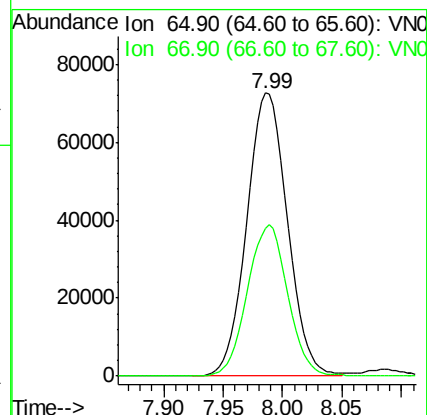
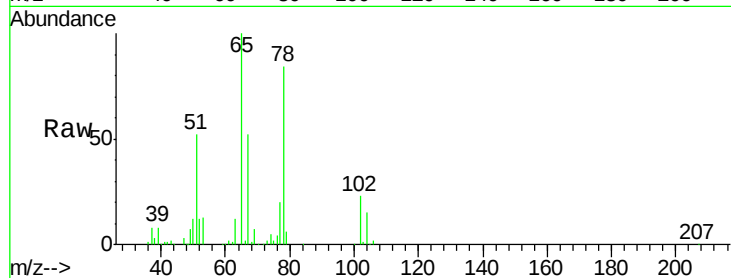
VN0625WBSD01

Tgt Ion: 65 Resp: 172042

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

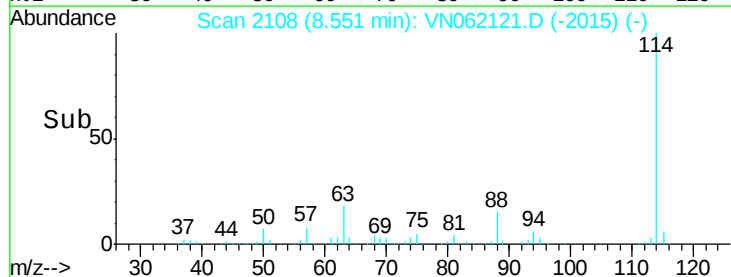
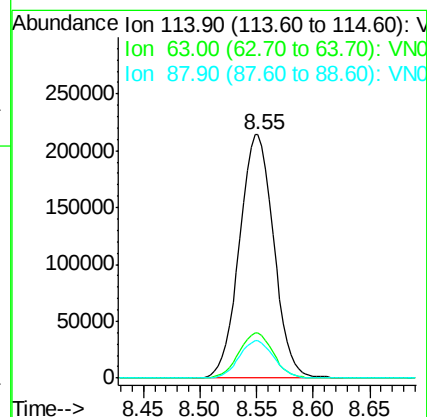
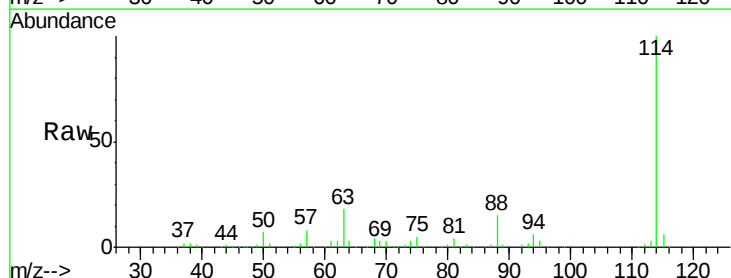
Tgt Ion: 114 Resp: 452484

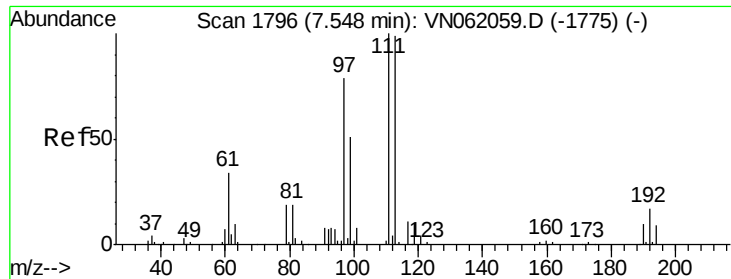
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 15.2 0.0 30.8

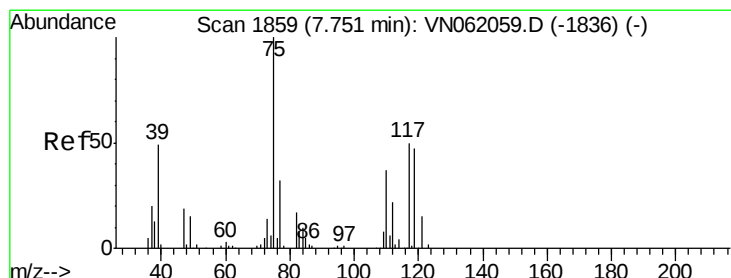
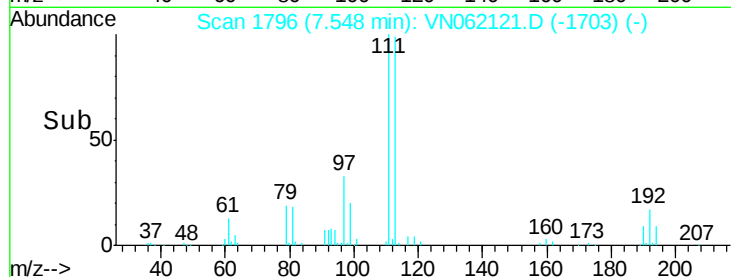
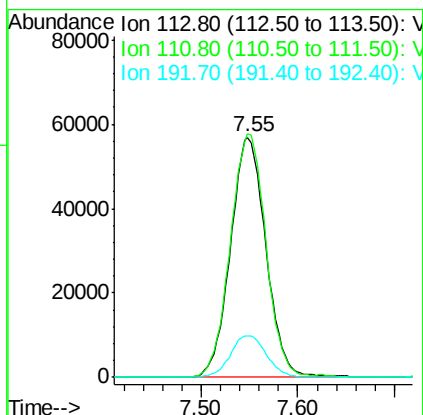
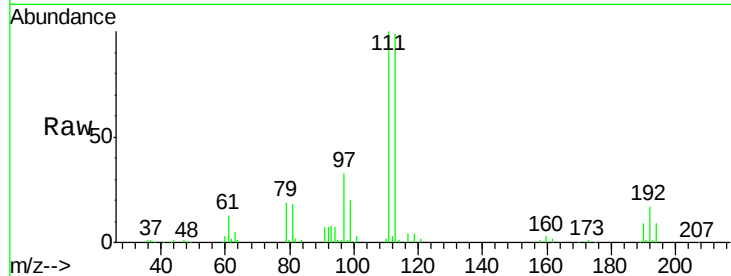




#35
 Dibromofluoromethane
 Concen: 49.773 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

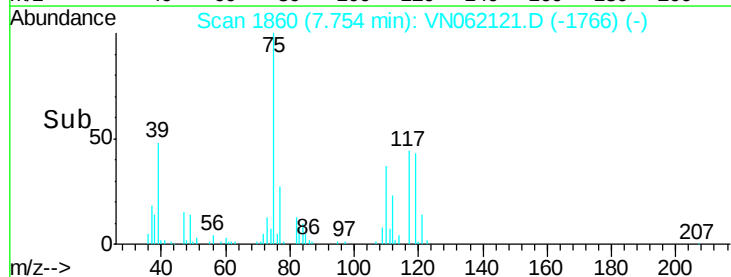
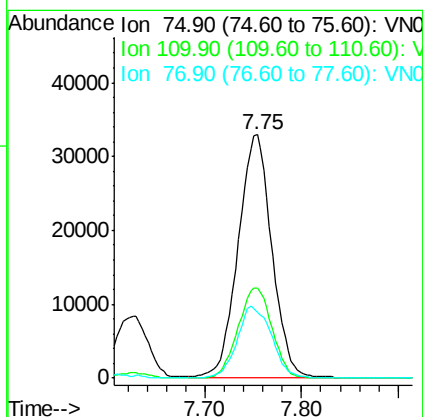
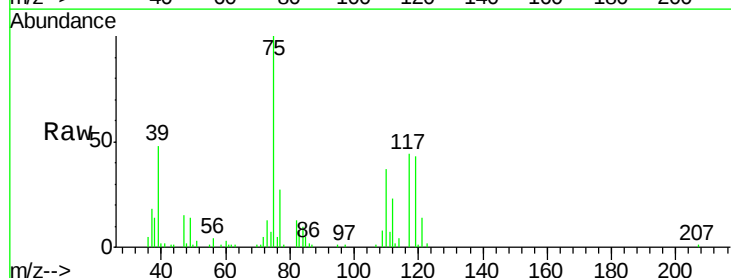
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tgt Ion: 113 Resp: 144485
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 17.7 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 17.607 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 75 Resp: 80078
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.9 53.8
 77 29.8 24.9 37.3

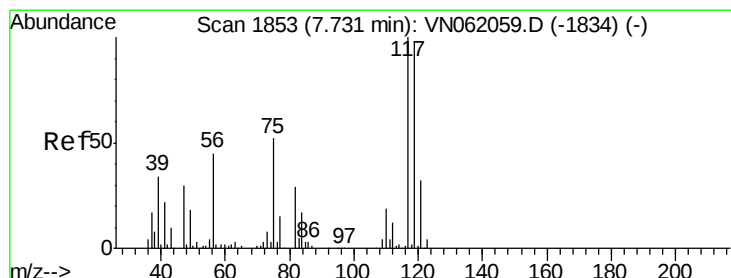
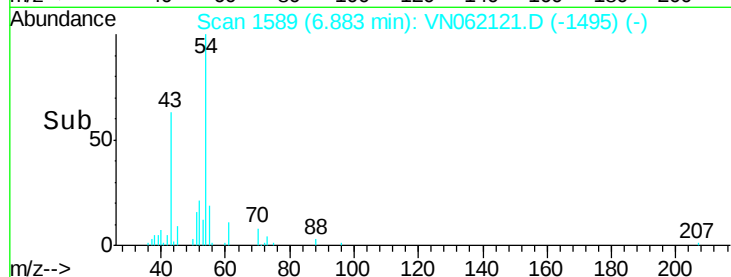
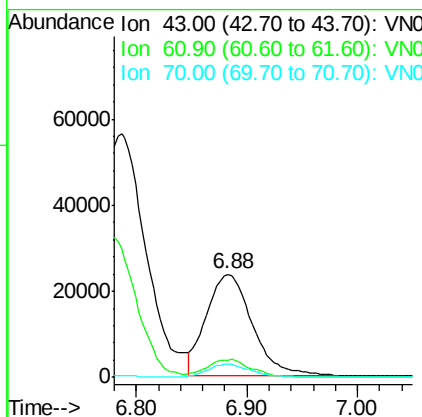
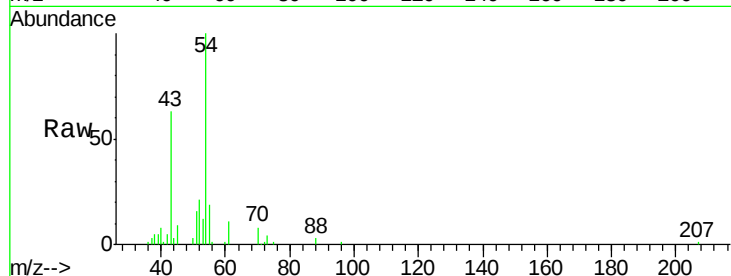




#37
 Ethyl Acetate
 Concen: 18.178 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

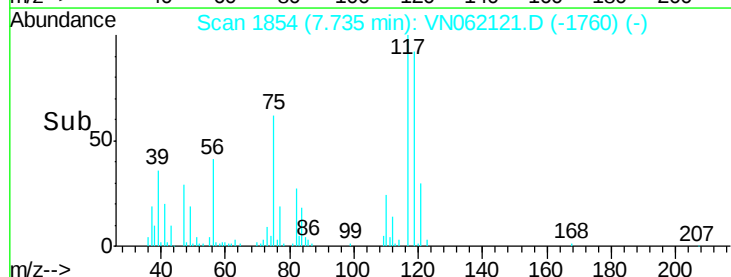
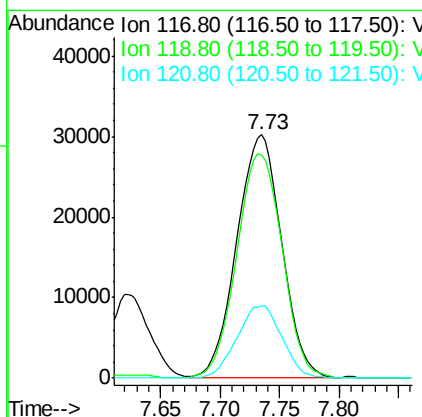
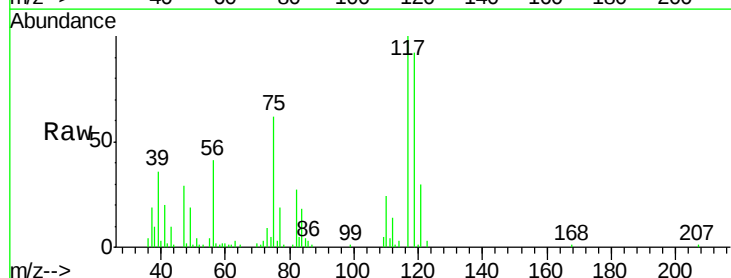
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tgt Ion: 43 Resp: 68460
 Ion Ratio Lower Upper
 43 100
 61 17.3 12.0 18.0
 70 12.0 9.6 14.4



#38
 Carbon Tetrachloride
 Concen: 18.455 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 117 Resp: 79134
 Ion Ratio Lower Upper
 117 100
 119 91.9 78.2 117.2
 121 29.6 25.8 38.6

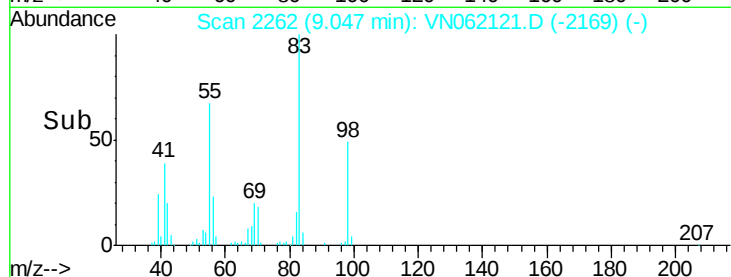
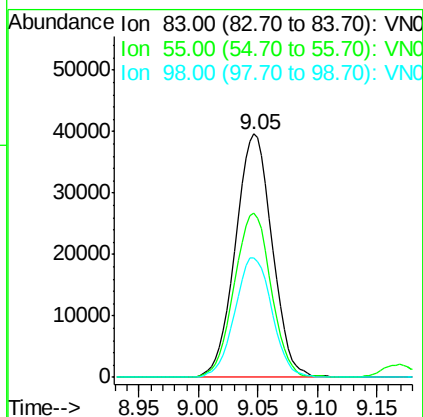
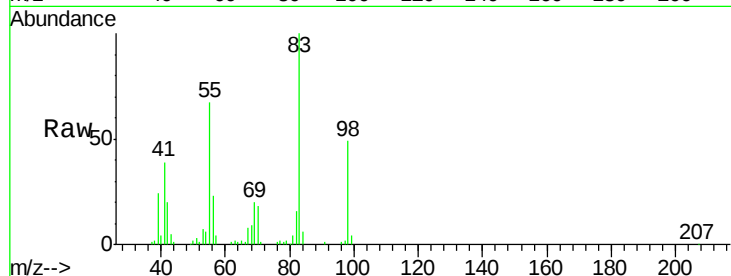




#39
Methylcyclohexane
Concen: 17.036 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

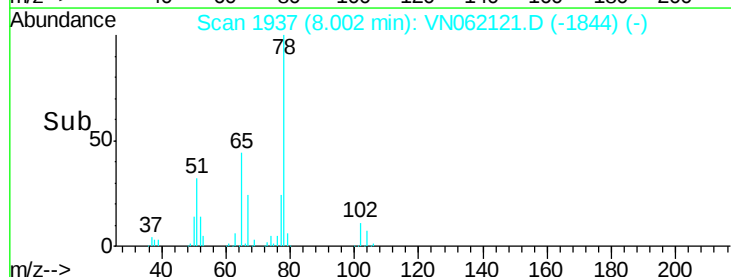
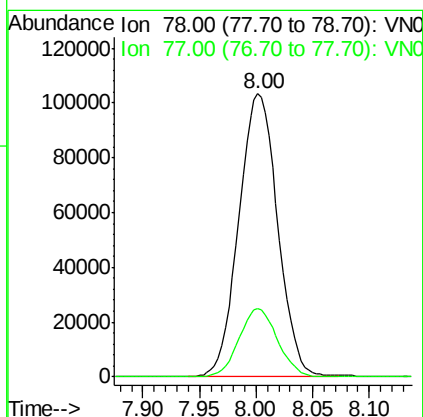
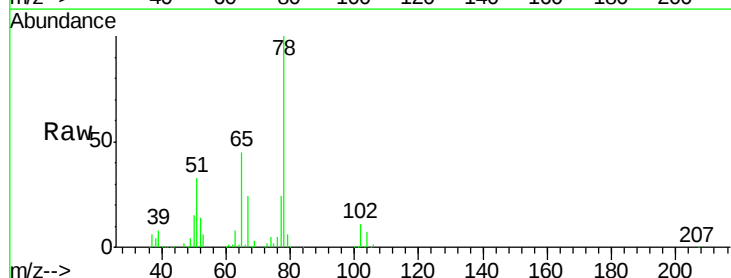
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

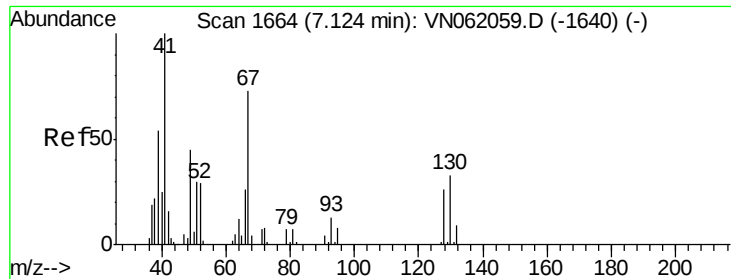
Tgt Ion: 83 Resp: 84895
Ion Ratio Lower Upper
83 100
55 67.4 57.0 85.6
98 49.2 39.0 58.6



#40
Benzene
Concen: 17.819 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 78 Resp: 247012
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

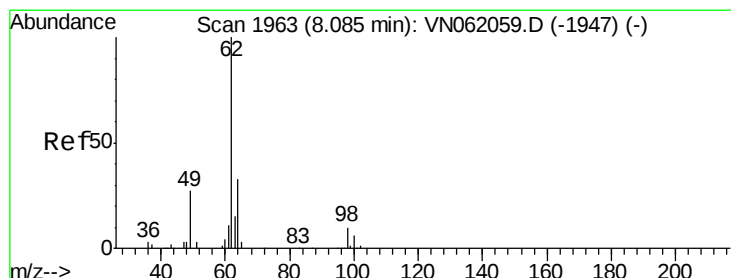
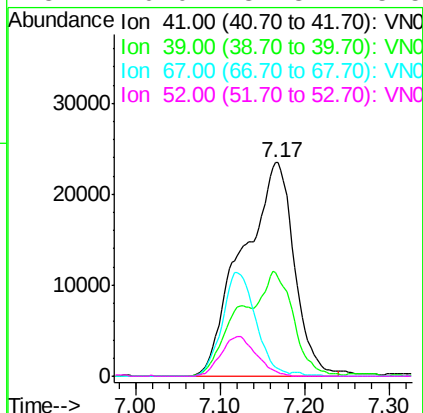
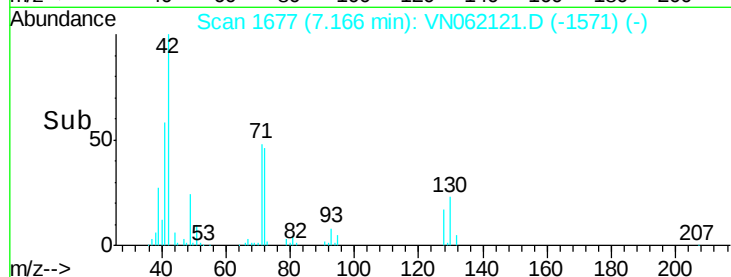
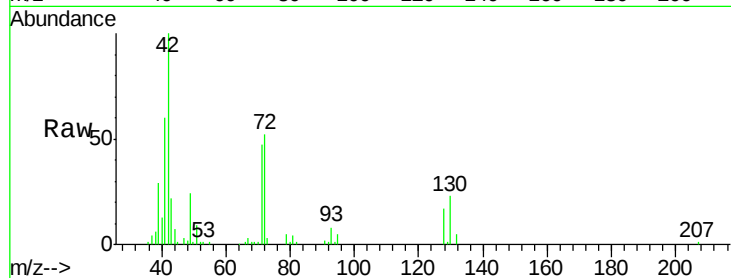




#41
Methacrylonitrile
Concen: 57.382 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

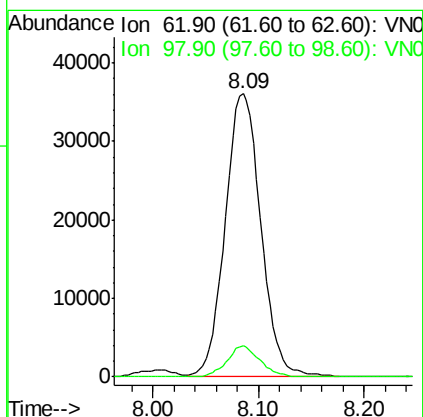
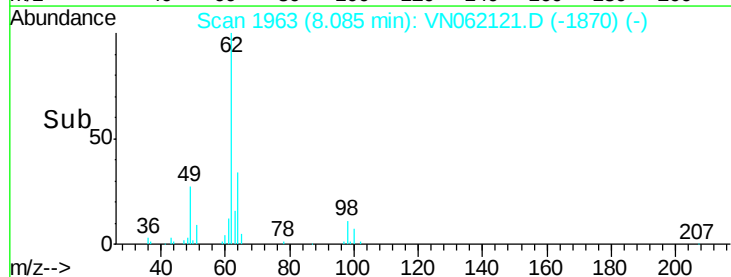
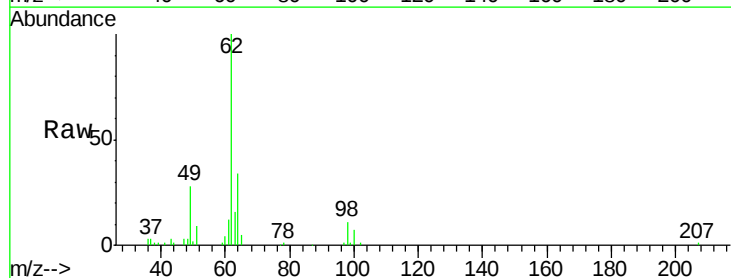
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

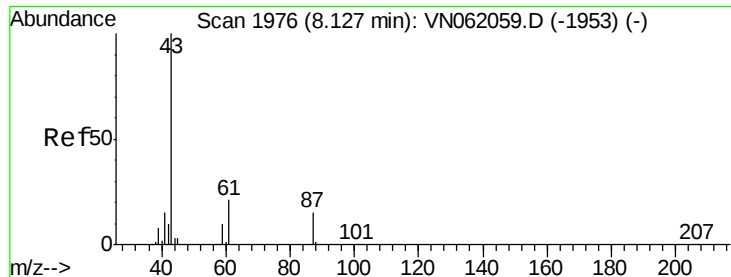
Tgt Ion: 41 Resp: 100189
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 18.074 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 62 Resp: 84650
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.336 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

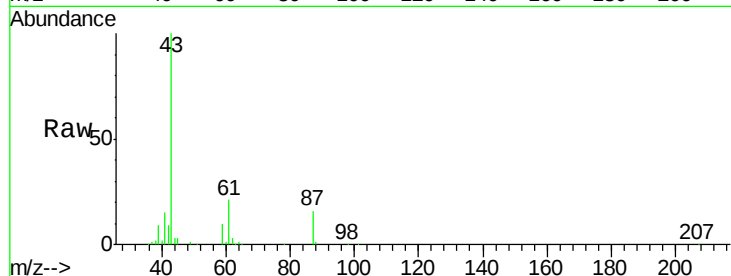
Tgt Ion: 43 Resp: 118711

Ion Ratio Lower Upper

43 100

61 30.0 17.2 25.8#

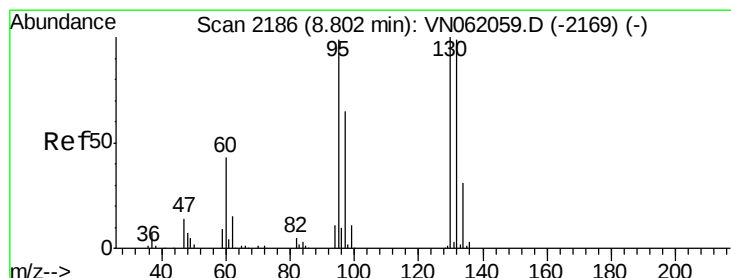
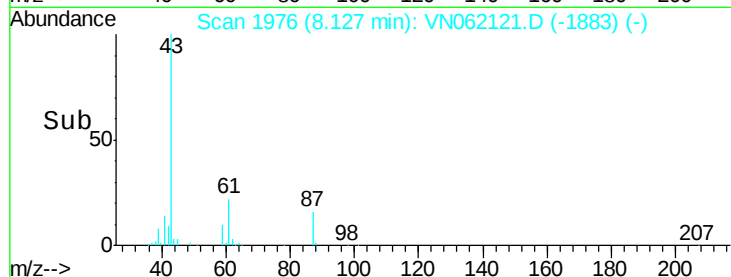
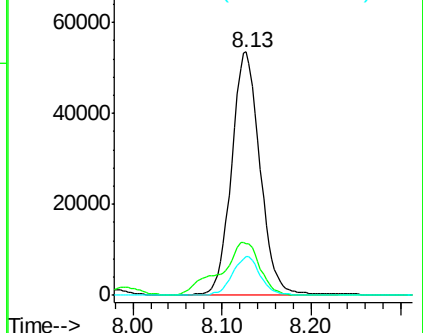
87 15.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 18.362 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062121.D

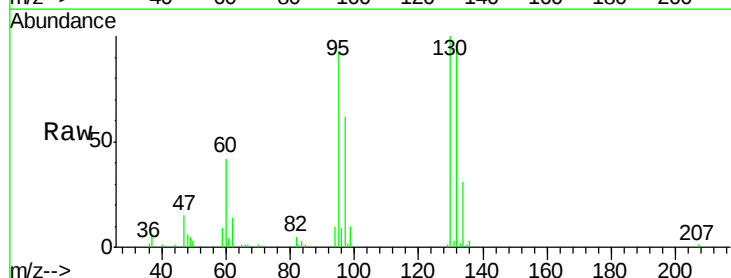
Acq: 25 Jun 2020 19:18

Tgt Ion: 130 Resp: 64211

Ion Ratio Lower Upper

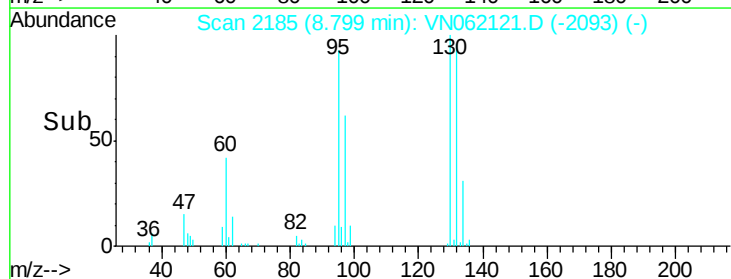
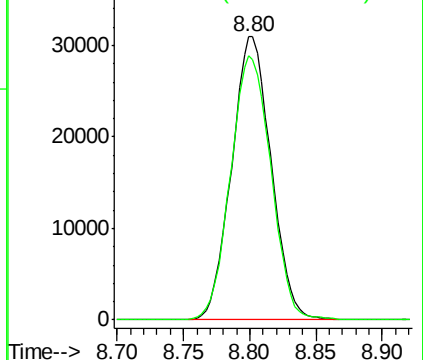
130 100

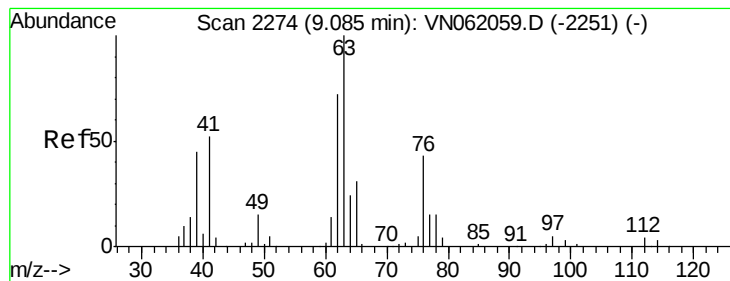
95 93.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 18.296 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

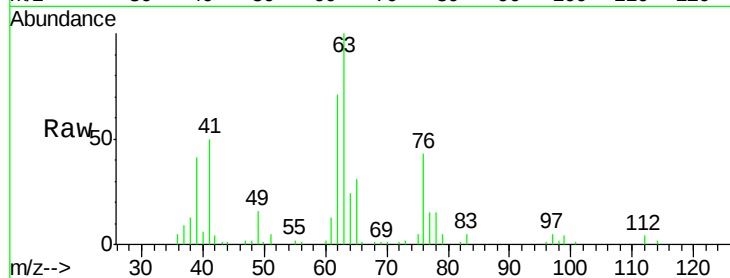
VN0625WBSD01

Tgt Ion: 63 Resp: 62570

Ion Ratio Lower Upper

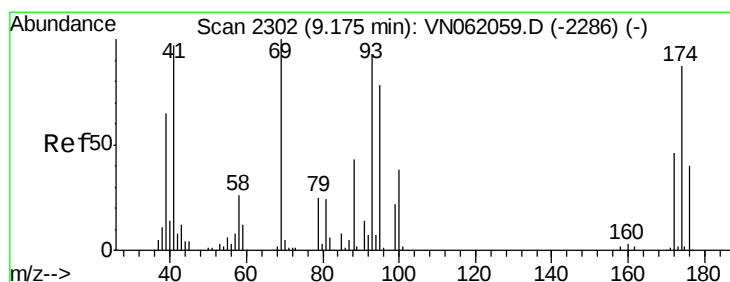
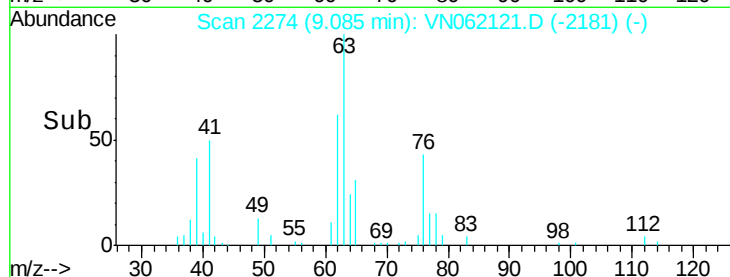
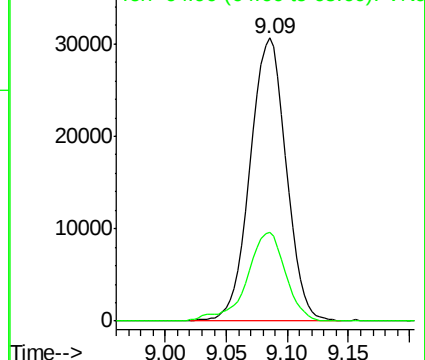
63 100

65 31.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.524 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

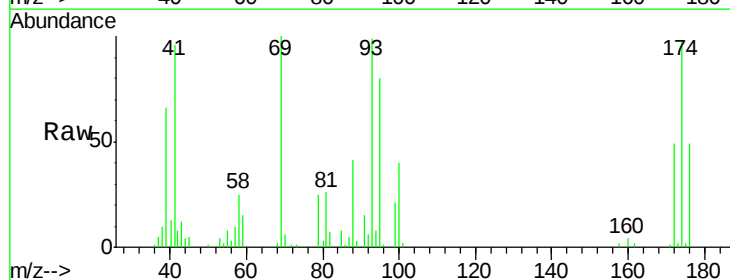
Tgt Ion: 93 Resp: 42953

Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.6

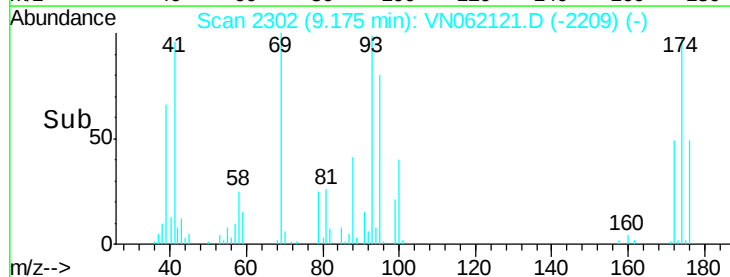
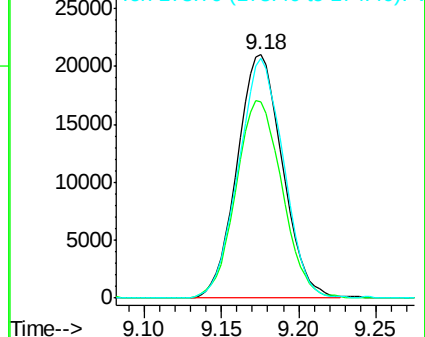
174 97.5 74.4 111.6



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: 18.425 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

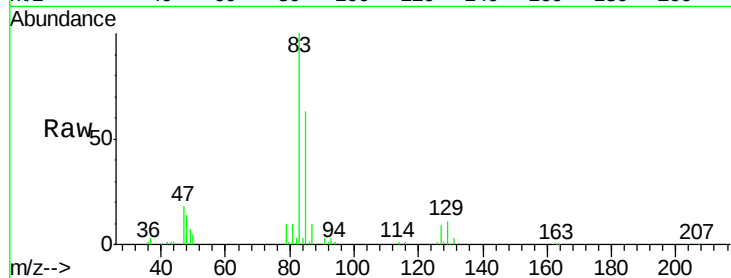
Tgt Ion: 83 Resp: 86266

Ion Ratio Lower Upper

83 100

85 63.0 50.3 75.5

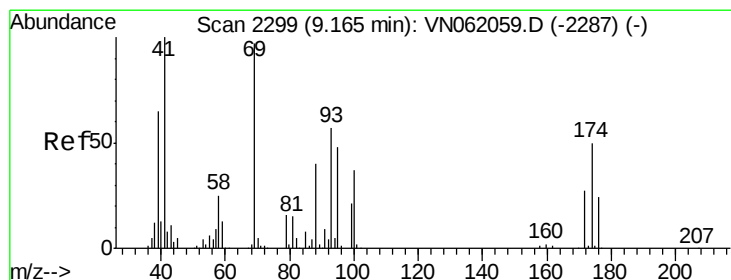
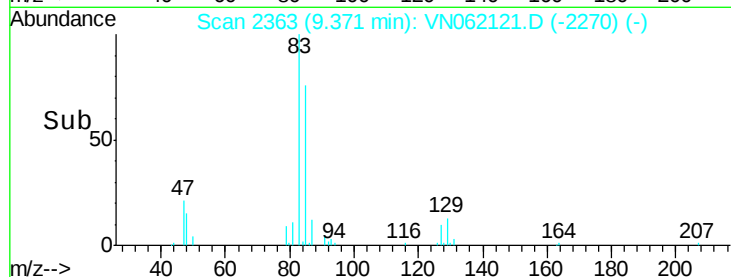
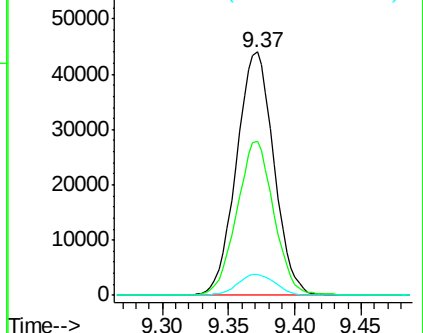
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062121.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062121.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062121.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.813 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

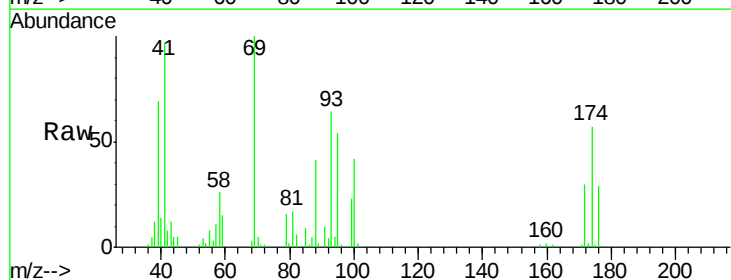
Tgt Ion: 41 Resp: 49034

Ion Ratio Lower Upper

41 100

69 104.5 80.7 121.1

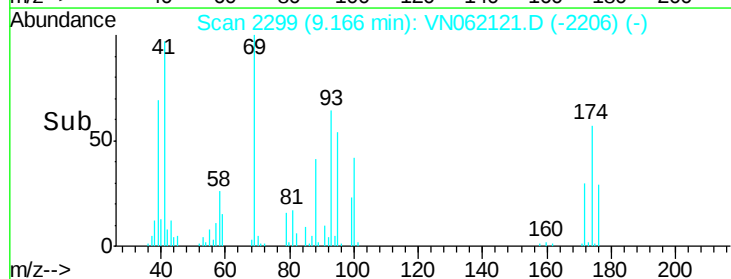
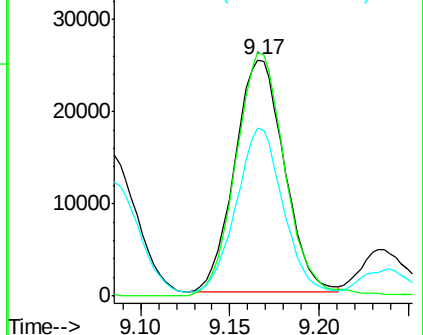
39 70.1 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062121.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062121.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062121.D (-2206) (-)

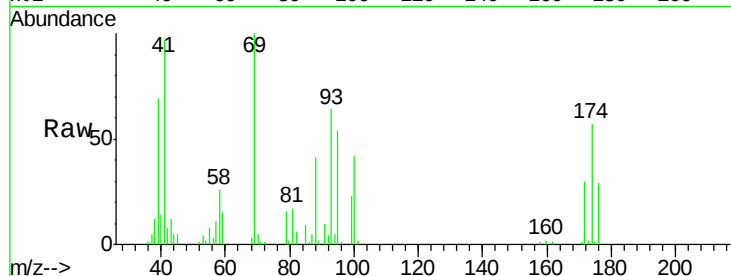




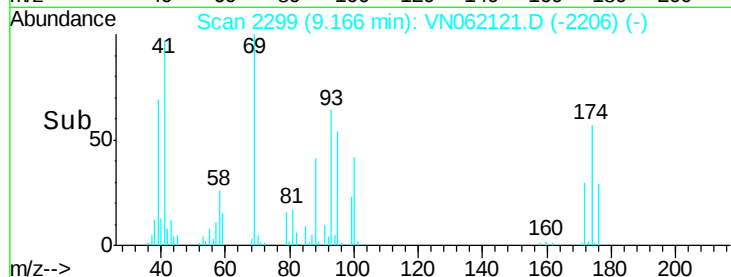
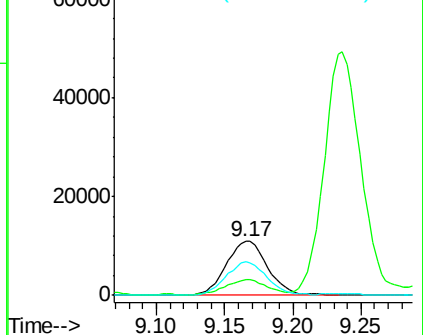
#49
1,4-Dioxane
Concen: 377.263 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 88 Resp: 23030
Ion Ratio Lower Upper
88 100
43 29.6 22.0 33.0
58 61.1 49.2 73.8

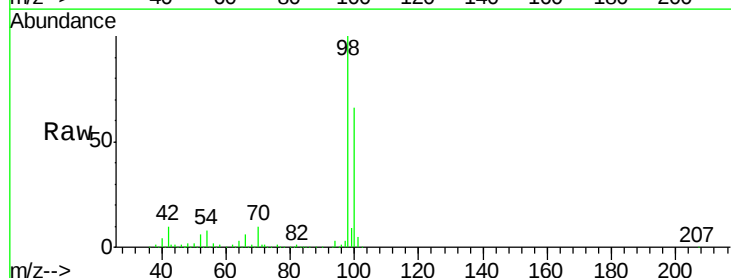


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

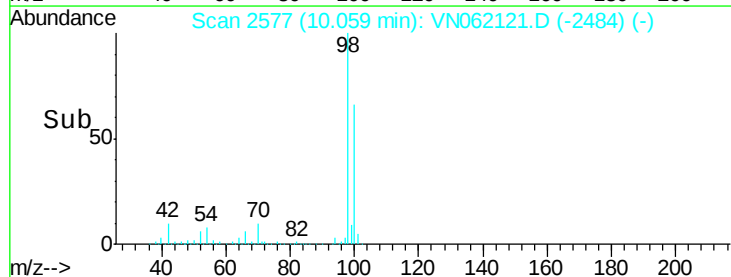
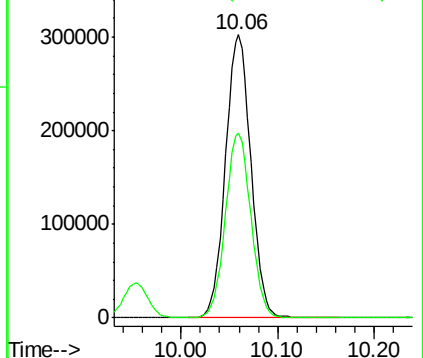


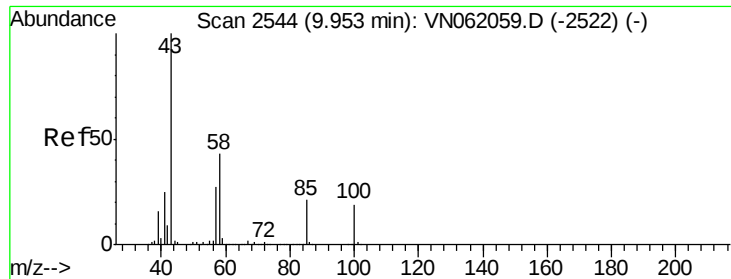
#50
Toluene-d8
Concen: 47.562 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 98 Resp: 551900
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8



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

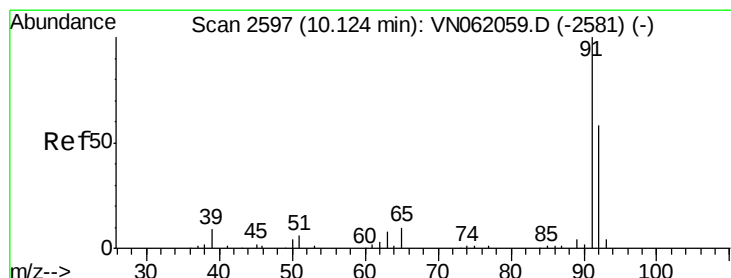
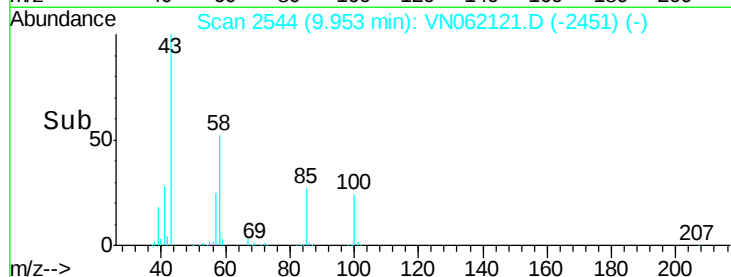
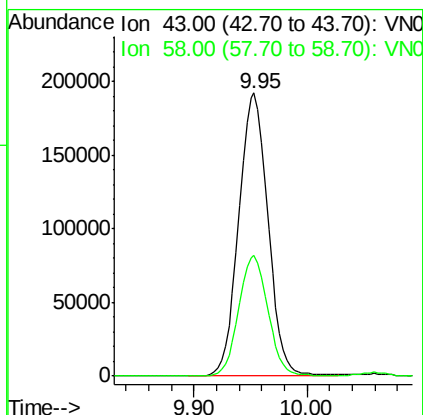
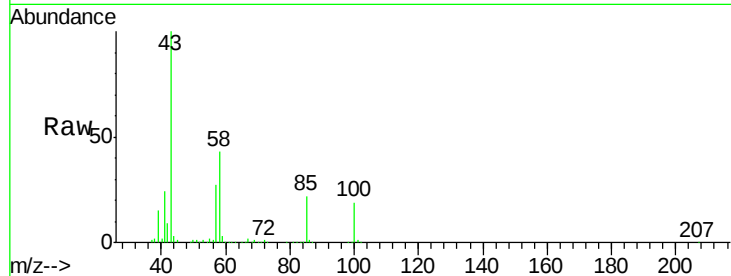




#51
4-Methyl-2-Pentanone
Concen: 97.019 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

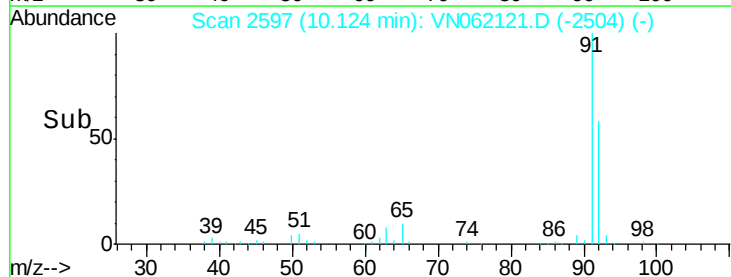
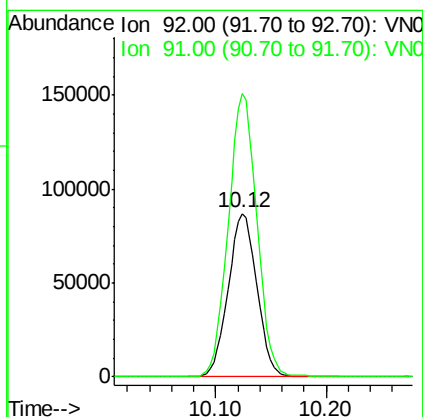
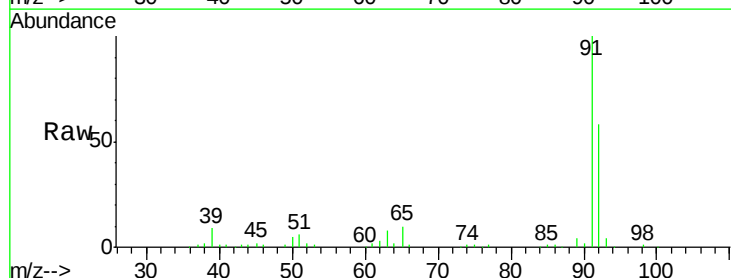
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tgt Ion: 43 Resp: 348005
Ion Ratio Lower Upper
43 100
58 42.5 34.2 51.2



#52
Toluene
Concen: 18.598 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 92 Resp: 157311
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 17.661 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

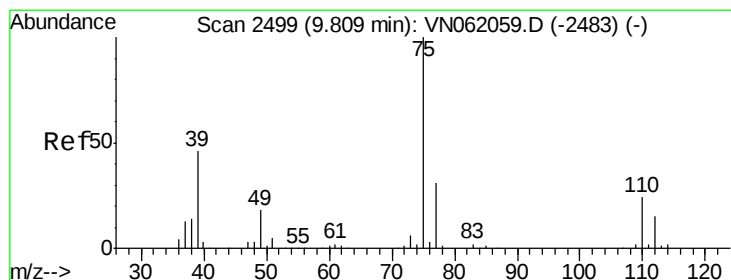
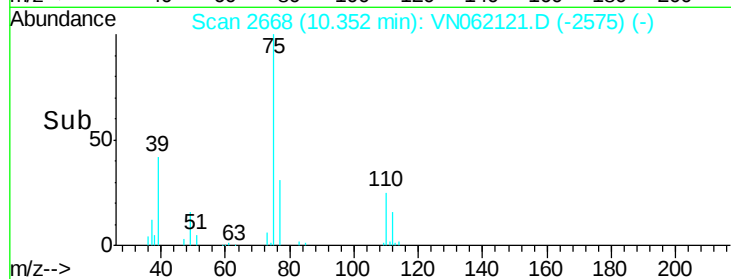
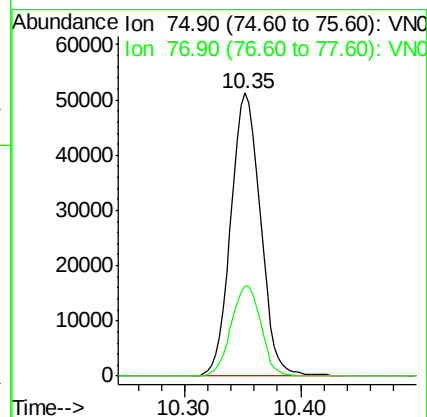
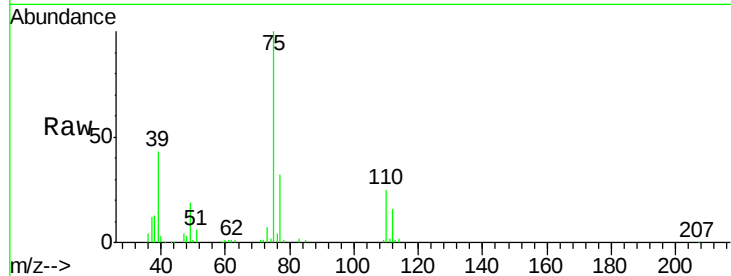
VN0625WBSD01

Tgt Ion: 75 Resp: 90970

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.202 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

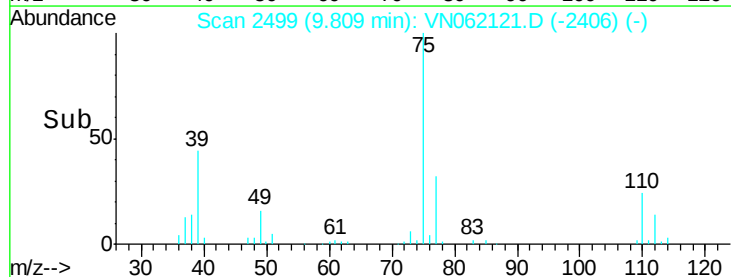
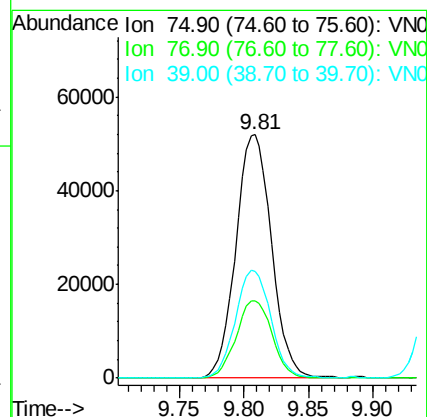
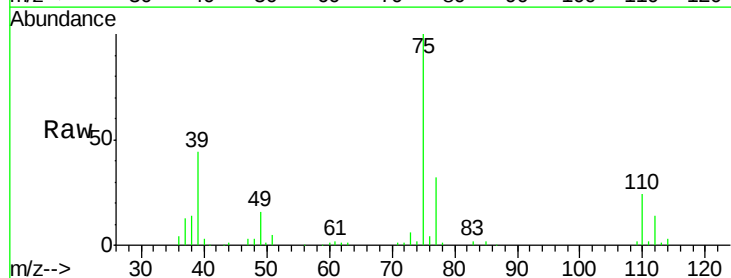
Tgt Ion: 75 Resp: 99818

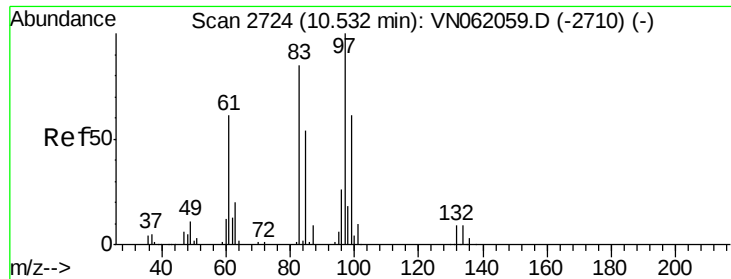
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 44.0 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 18.910 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

Tgt Ion: 97 Resp: 62873

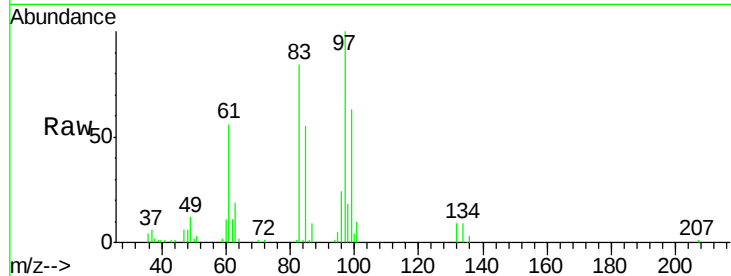
Ion Ratio Lower Upper

97 100

83 84.2 68.2 102.2

85 55.1 43.2 64.8

99 62.6 48.5 72.7

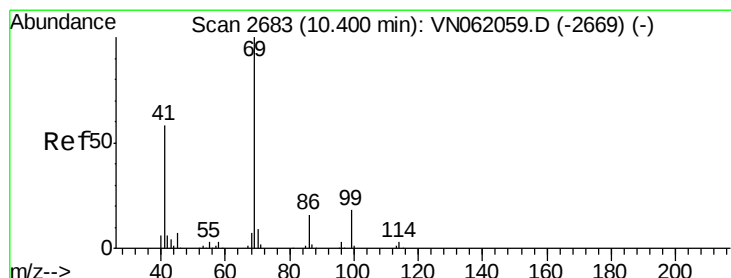
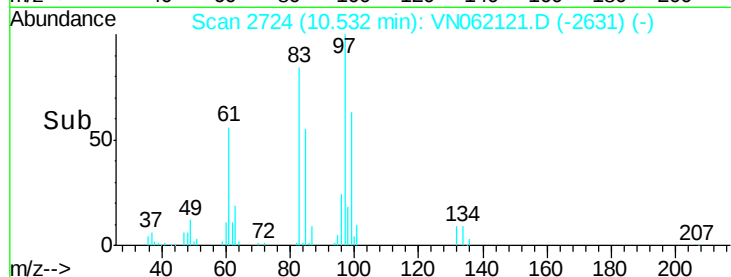
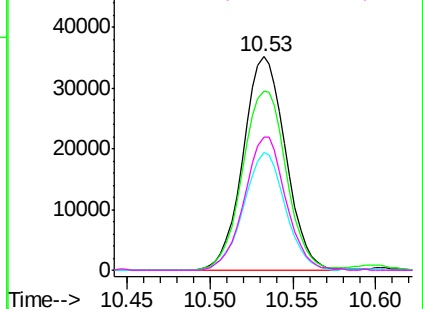


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.548 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

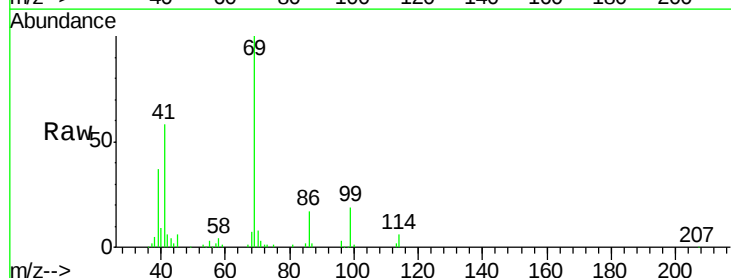
Tgt Ion: 69 Resp: 86737

Ion Ratio Lower Upper

69 100

41 56.7 46.6 70.0

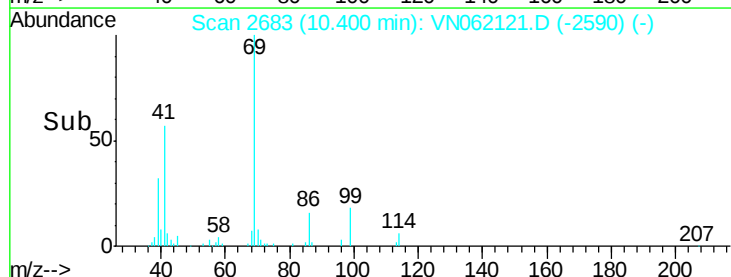
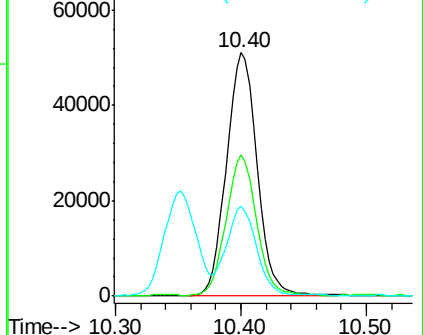
39 36.9 31.0 46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

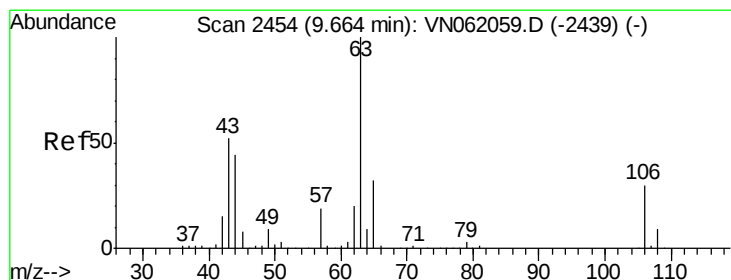
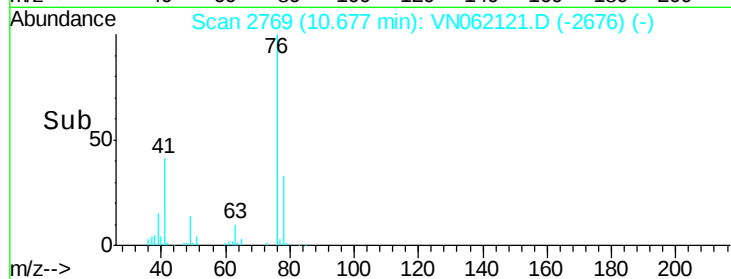
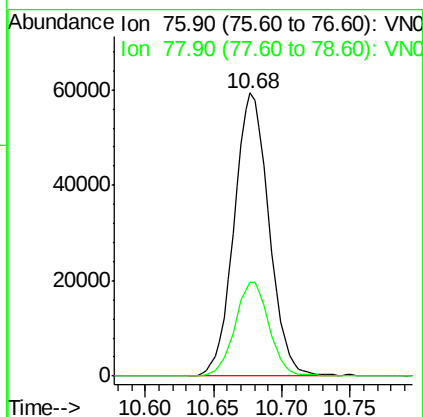
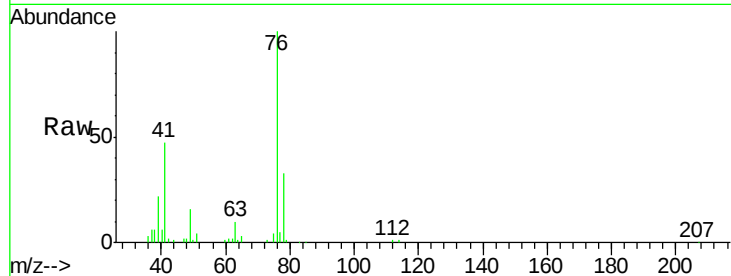




#57
 1,3-Dichloropropane
 Concen: 18.408 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

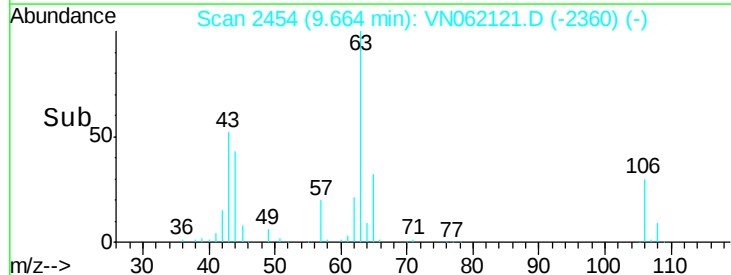
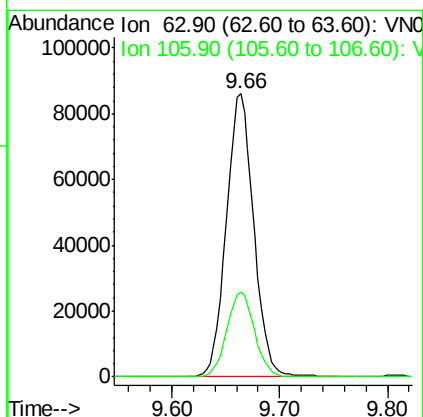
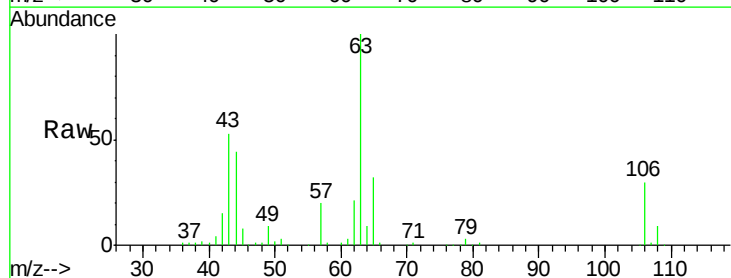
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

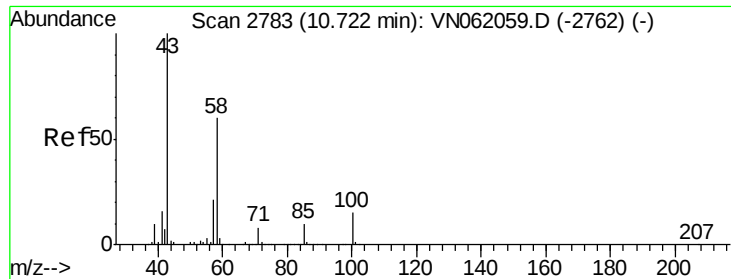
Tgt Ion: 76 Resp: 105348
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.424 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 63 Resp: 152090
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.2 34.8

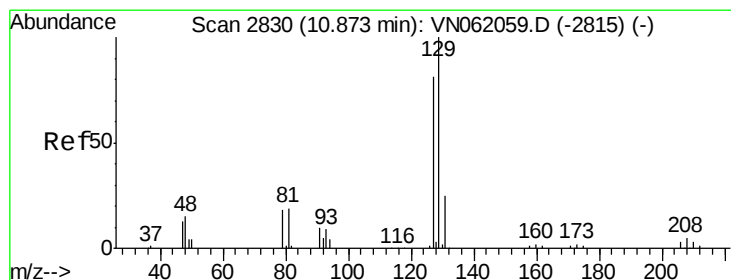
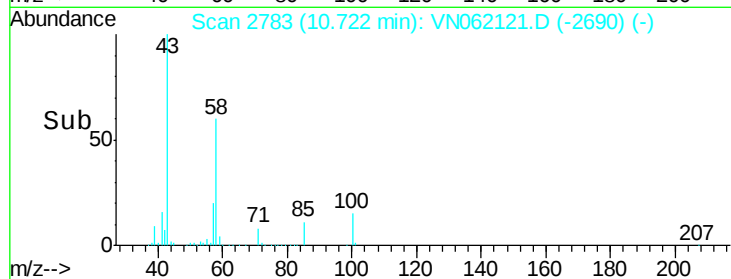
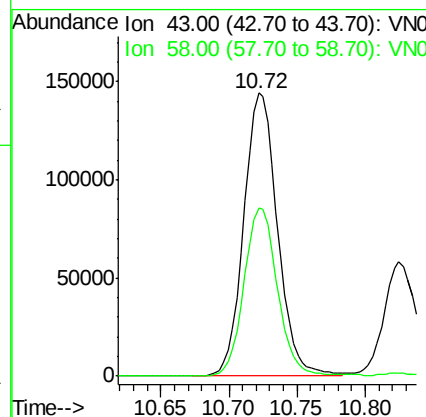
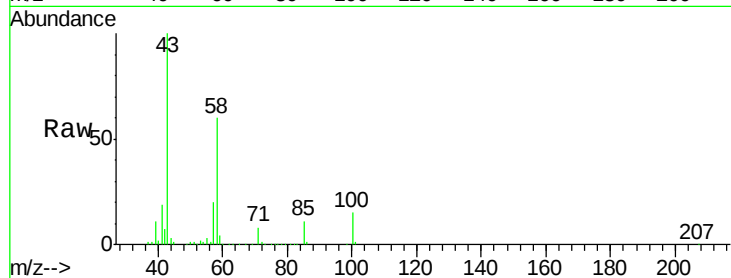




#59
2-Hexanone
Concen: 95.680 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

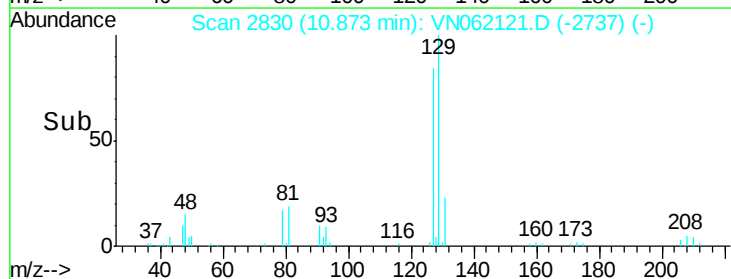
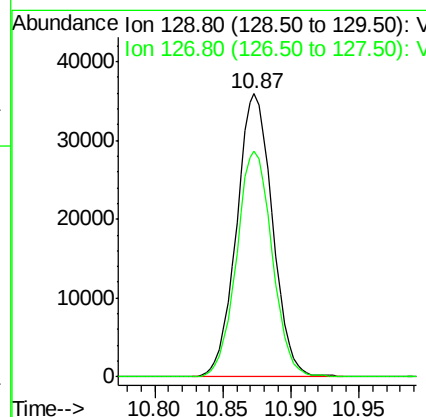
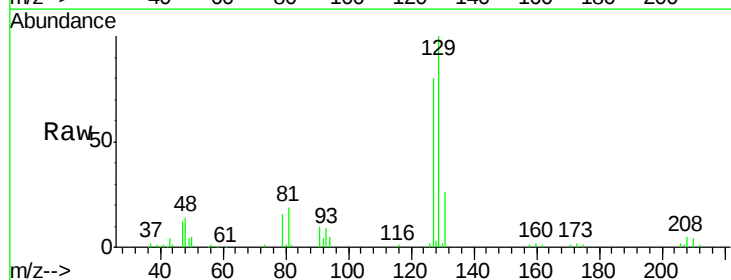
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

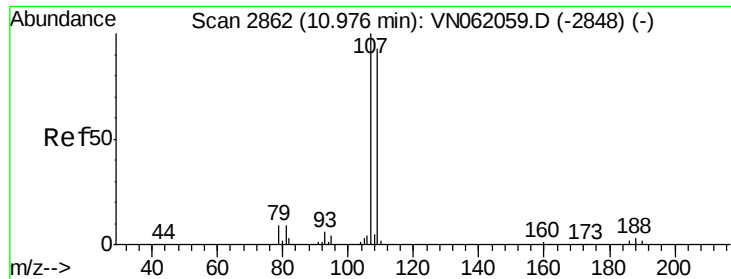
Tgt Ion: 43 Resp: 247825
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5



#60
Dibromochloromethane
Concen: 18.603 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 129 Resp: 65484
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.5

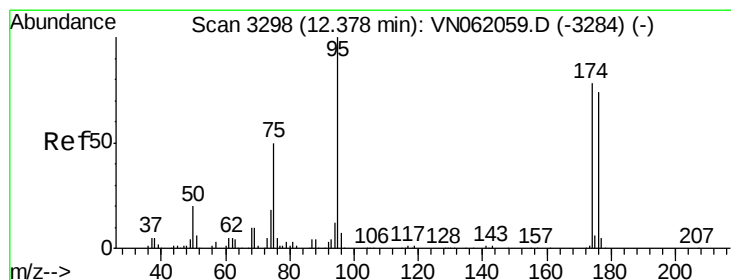
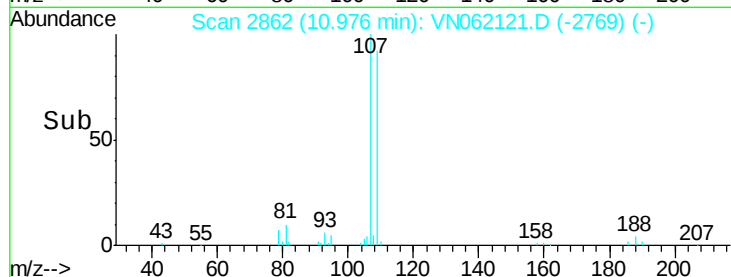
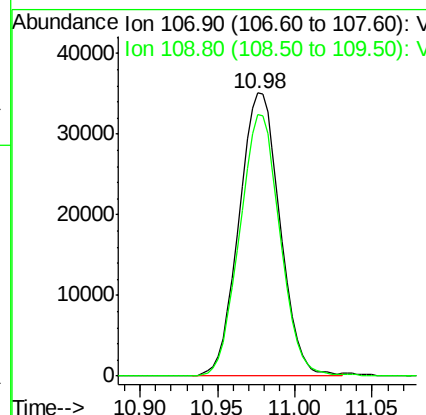
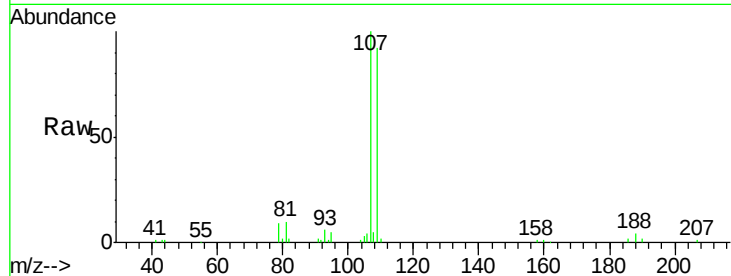




#61
 1,2-Dibromoethane
 Concen: 18.897 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

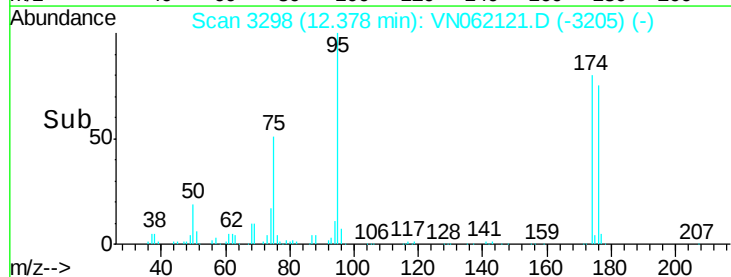
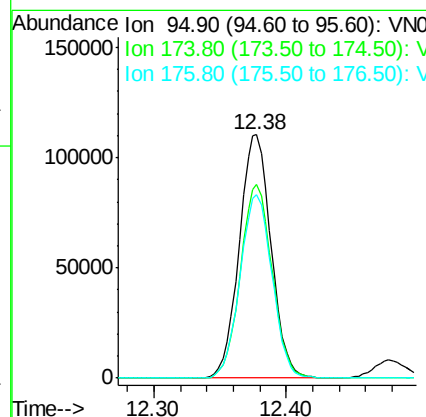
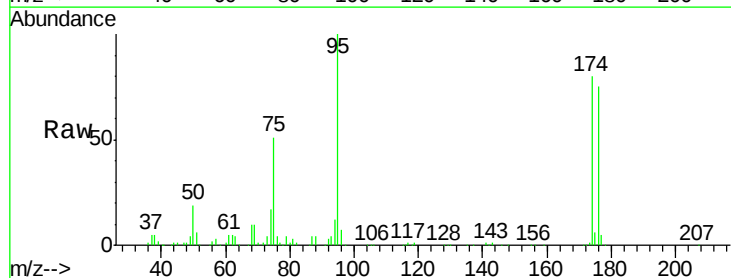
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

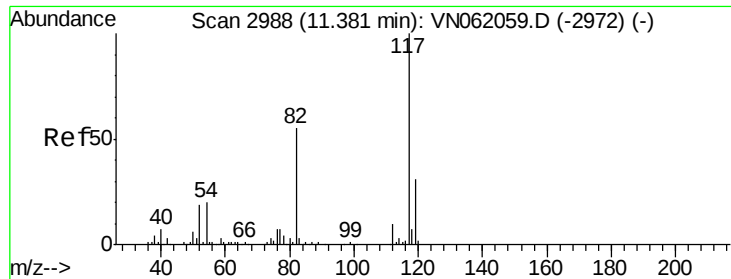
Tgt Ion: 107 Resp: 64560
 Ion Ratio Lower Upper
 107 100
 109 91.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.893 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 95 Resp: 183840
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 154.8
 176 76.0 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

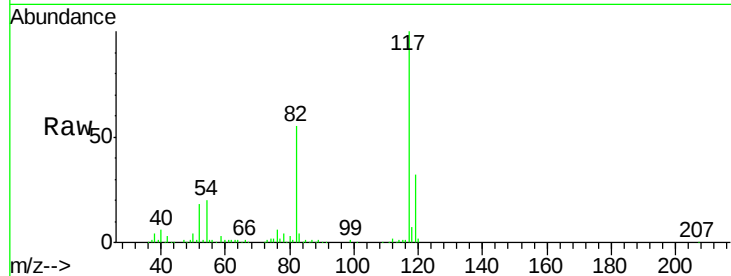
Tgt Ion:117 Resp: 413136

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.8

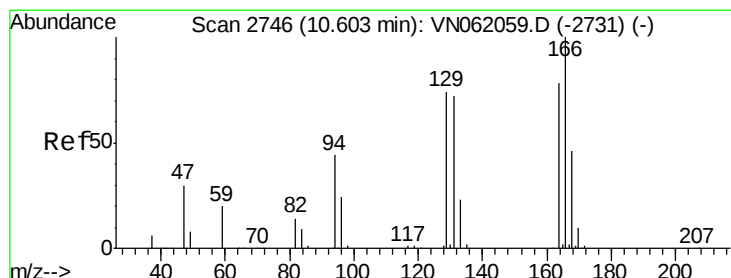
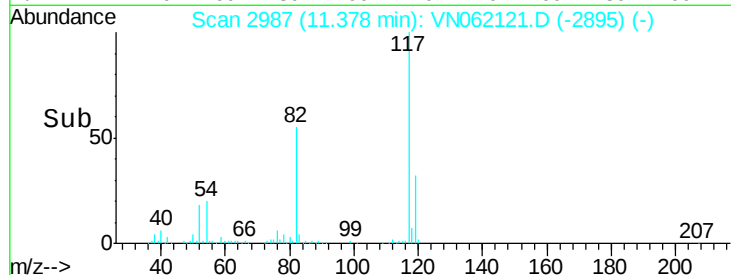
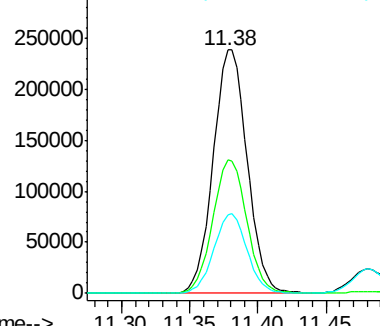
119 32.3 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.886 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion:164 Resp: 53299

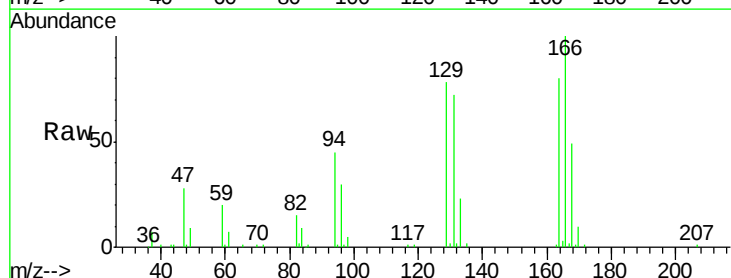
Ion Ratio Lower Upper

164 100

166 124.7 102.9 154.3

129 96.9 75.8 113.8

131 89.9 73.8 110.6

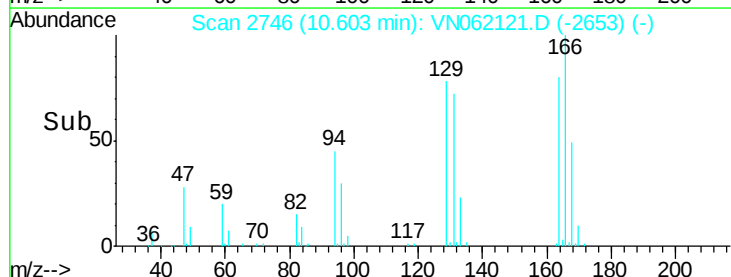
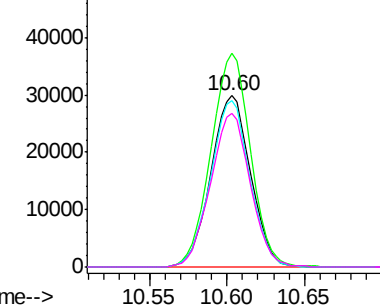


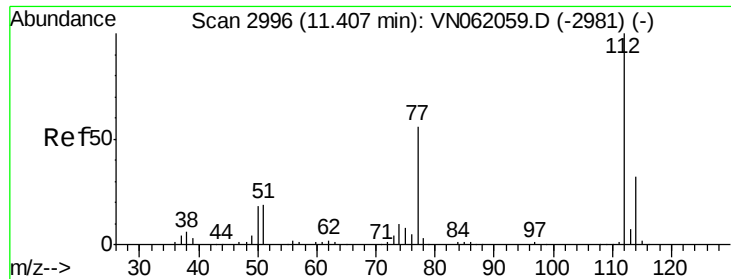
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

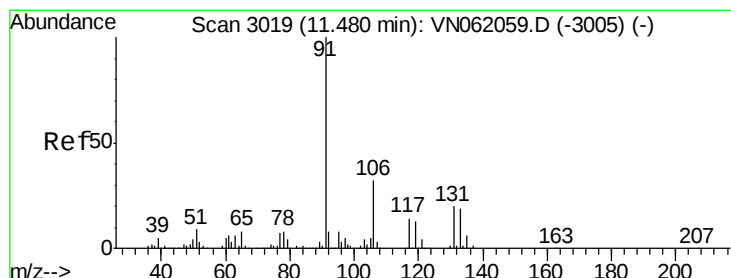
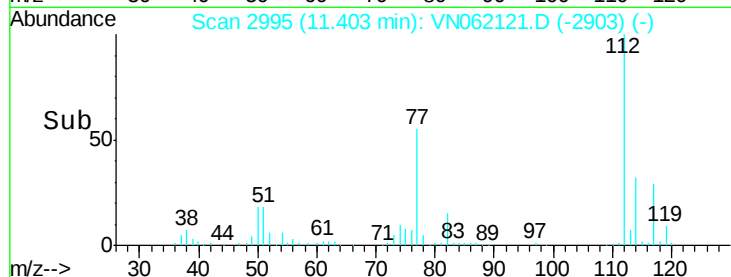
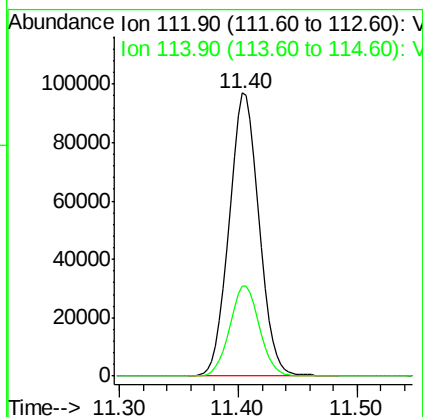
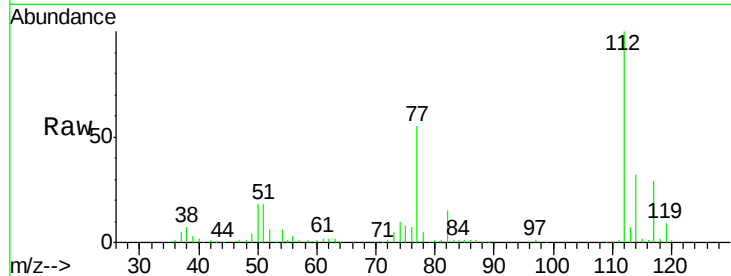




#65
Chlorobenzene
Concen: 18.641 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

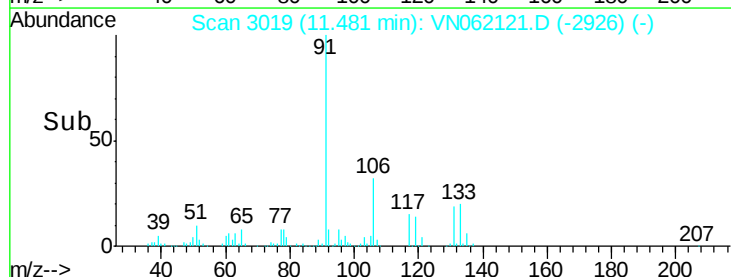
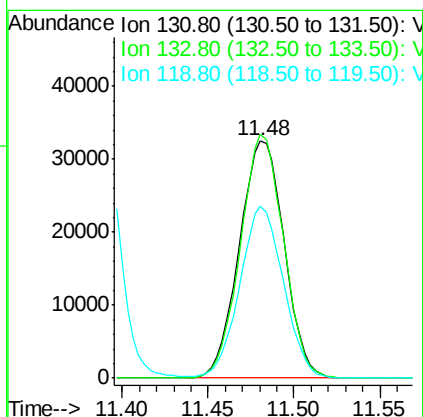
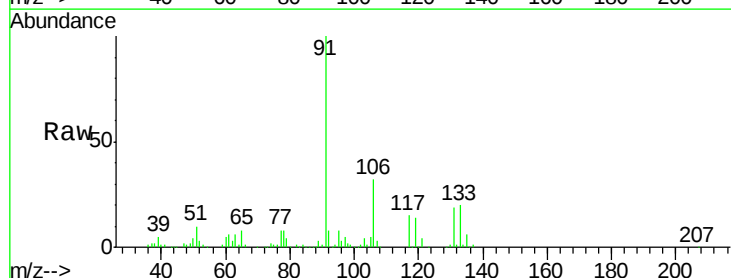
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

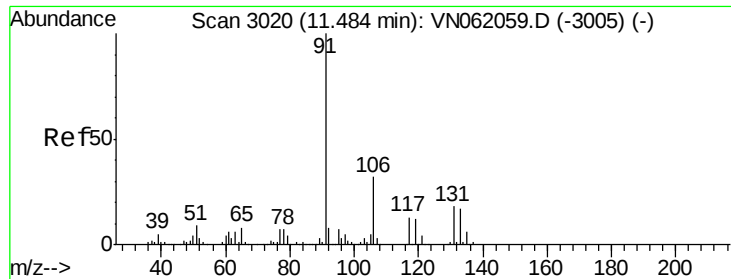
Tgt Ion:112 Resp: 169125
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.747 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion:131 Resp: 58814
Ion Ratio Lower Upper
131 100
133 98.6 47.6 142.9
119 70.8 34.4 103.3

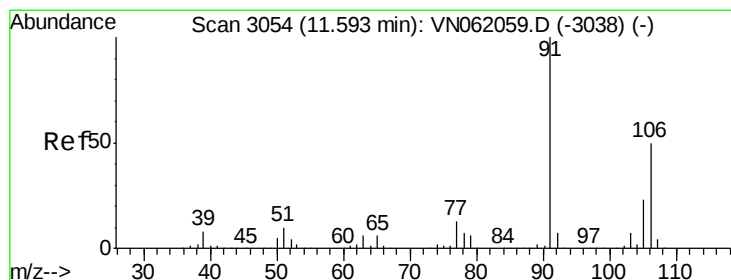
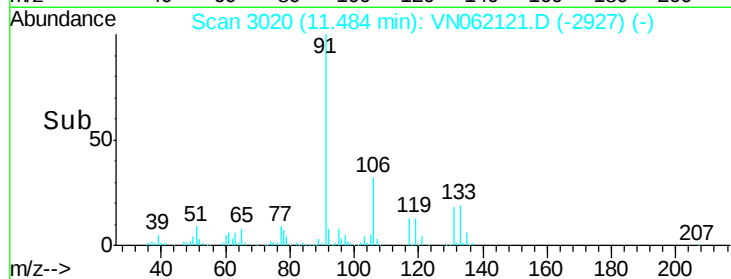
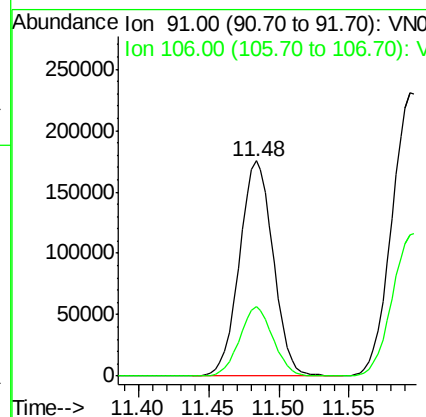
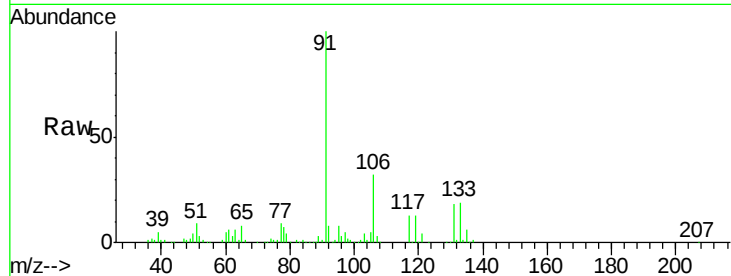




#67
Ethyl Benzene
Concen: 19.178 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

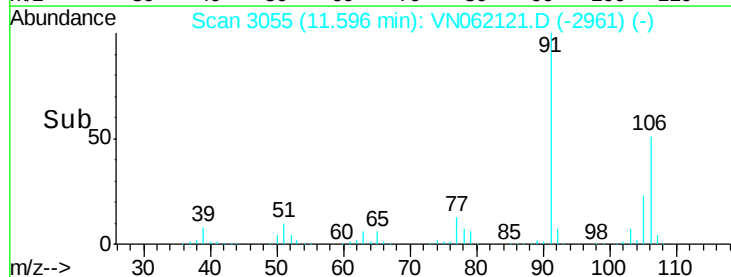
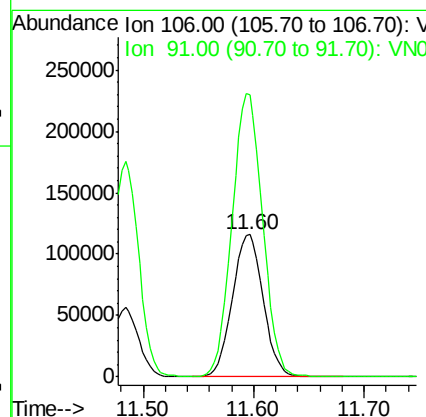
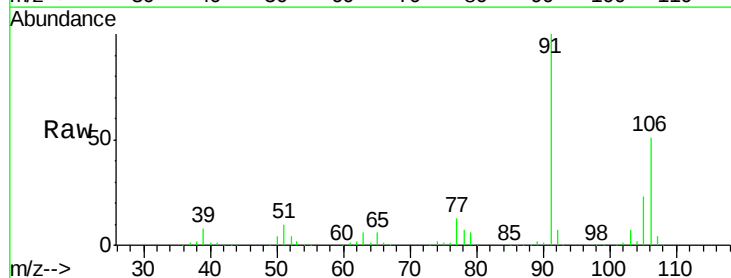
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tgt Ion: 91 Resp: 293851
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9



#68
m/p-Xylenes
Concen: 37.830 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 106 Resp: 224196
Ion Ratio Lower Upper
106 100
91 196.5 157.8 236.8

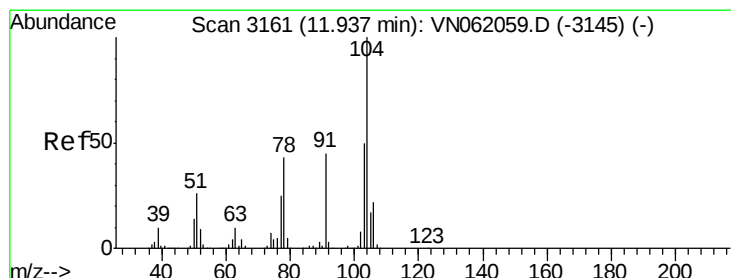
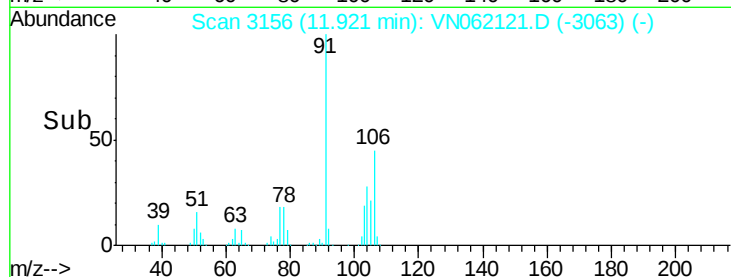
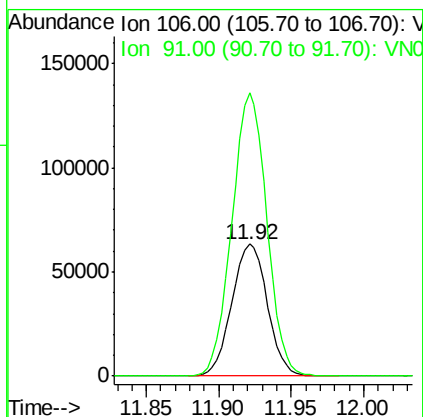
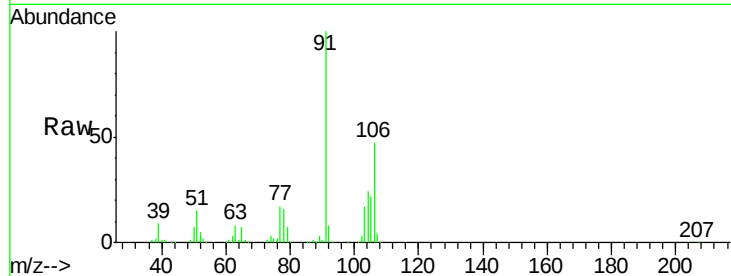




#69
o-Xylene
Concen: 19.282 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

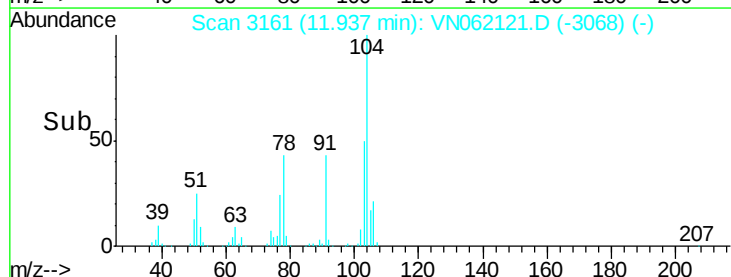
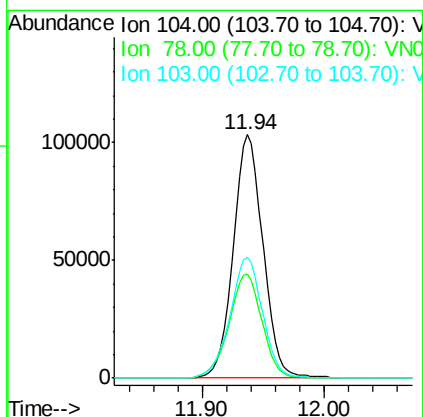
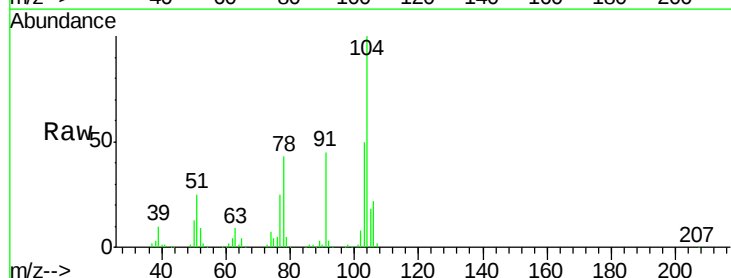
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:106 Resp: 107816
Ion Ratio Lower Upper
106 100
91 210.4 104.0 311.9



#70
Styrene
Concen: 18.743 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion:104 Resp: 174788
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 54.5 43.0 64.6





#71

Bromoform

Concen: 19.217 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

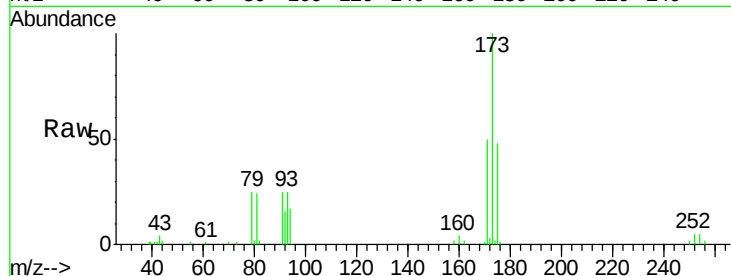
Tgt Ion:173 Resp: 42865

Ion Ratio Lower Upper

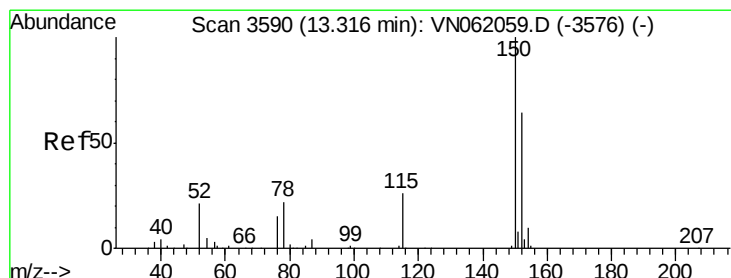
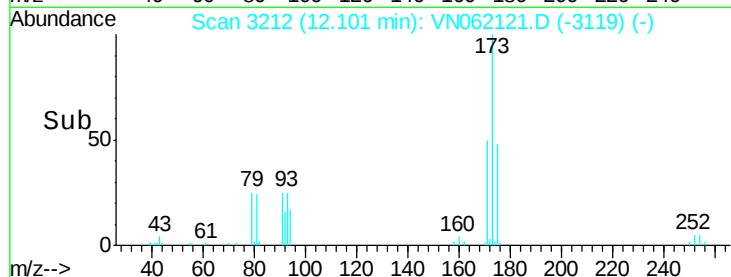
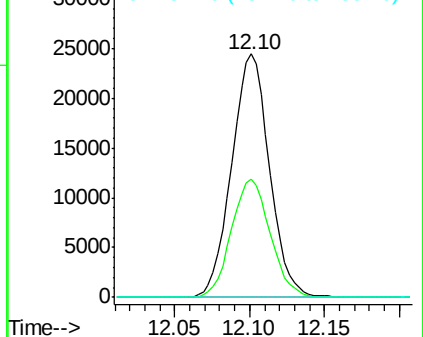
173 100

175 49.5 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

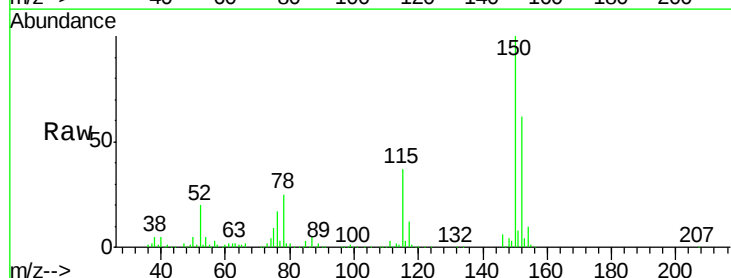
Tgt Ion:152 Resp: 186503

Ion Ratio Lower Upper

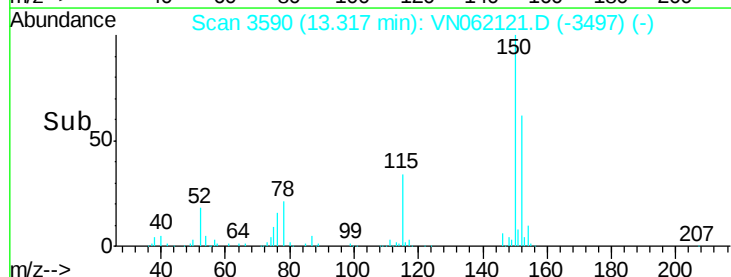
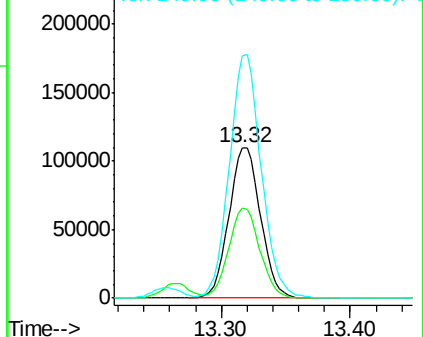
152 100

115 58.4 29.5 88.5

150 163.0 0.0 351.4



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





#73

Isopropylbenzene

Concen: 19.588 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

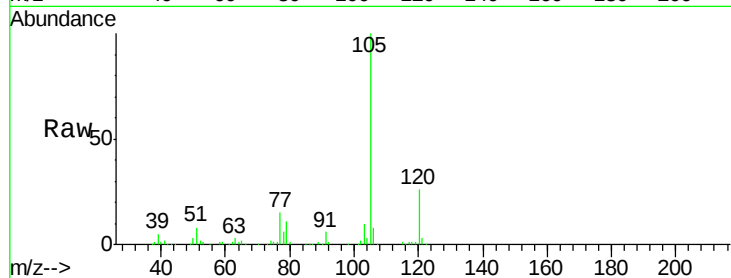
VN0625WBSD01

Tgt Ion:105 Resp: 282791

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

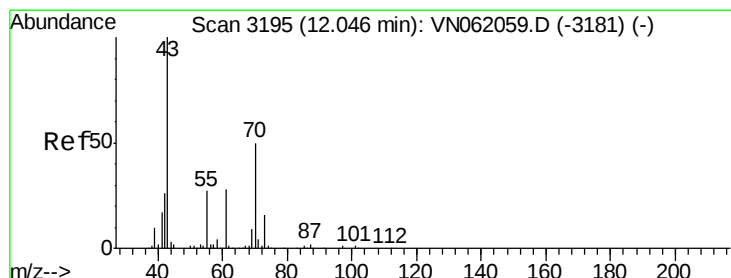
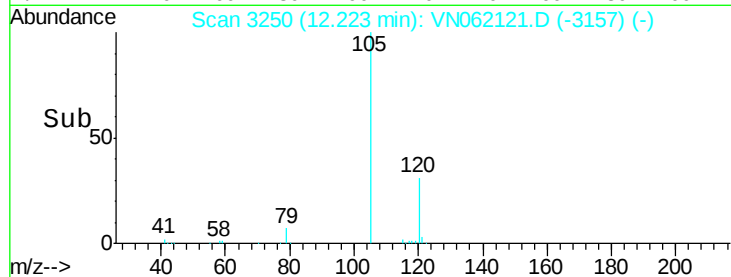
0

12.22

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 19.533 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Tgt Ion: 43 Resp: 92204

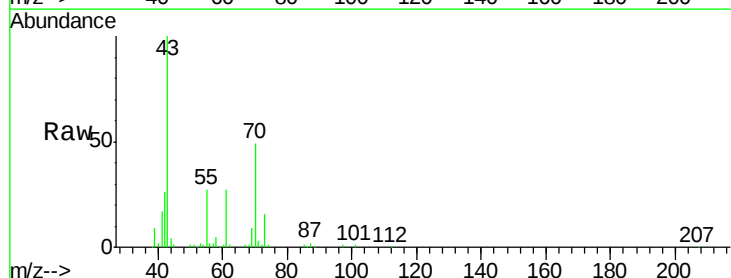
Ion Ratio Lower Upper

43 100

70 47.9 39.4 59.2

55 27.0 21.7 32.5

61 26.7 21.3 31.9



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

80000

60000

40000

20000

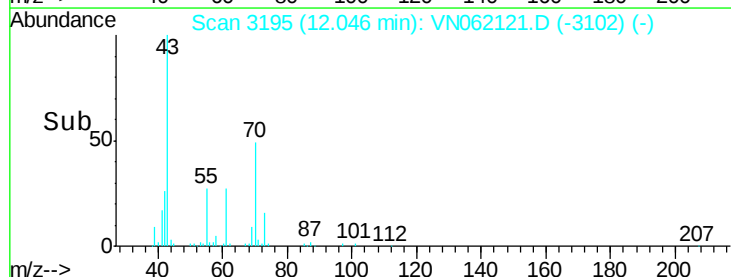
0

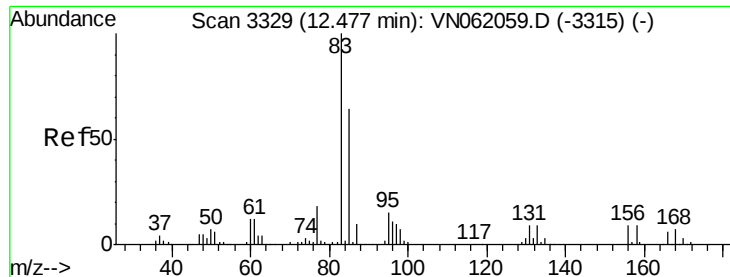
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.980 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

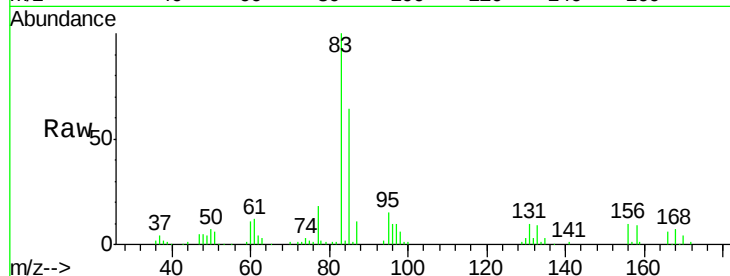
Tgt Ion: 83 Resp: 91186

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.4

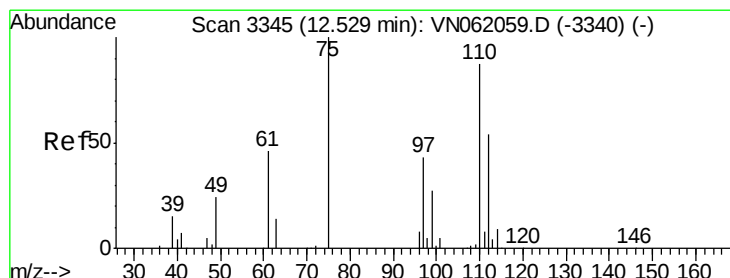
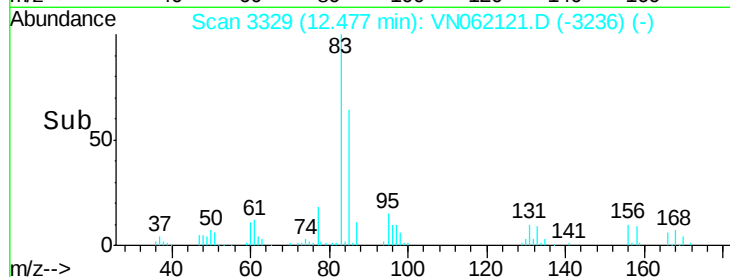
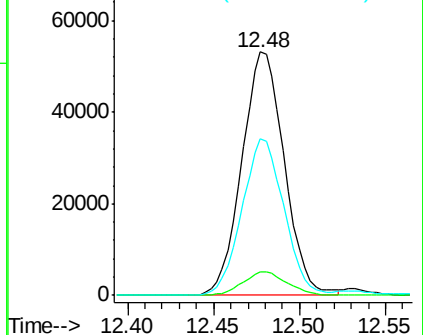
85 63.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062121.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062121.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062121.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 24.613 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062121.D

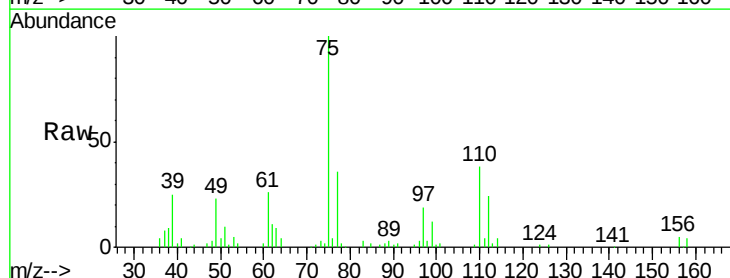
Acq: 25 Jun 2020 19:18

Tgt Ion: 75 Resp: 108061

Ion Ratio Lower Upper

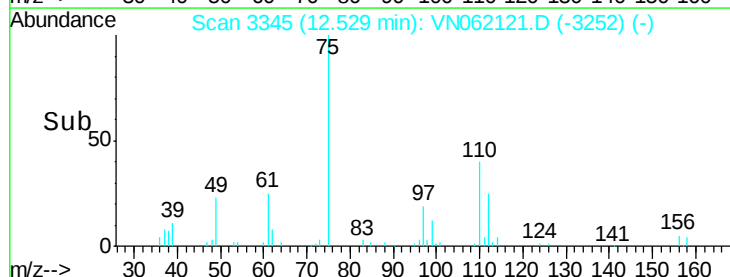
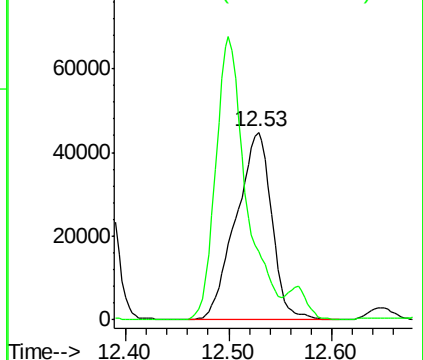
75 100

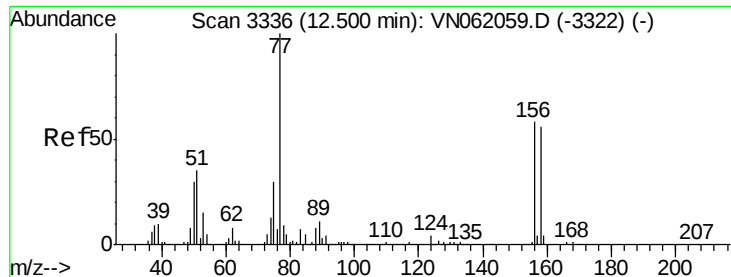
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062121.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062121.D (-3252) (-)





#77

Bromobenzene

Concen: 19.659 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

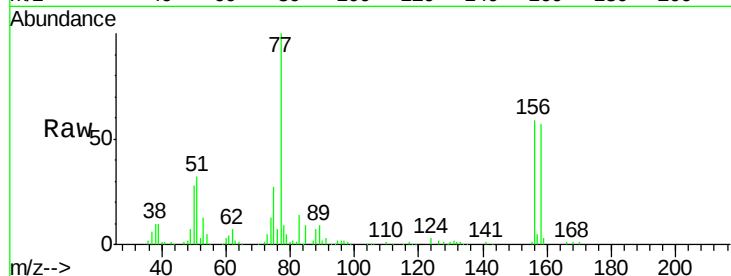
Tgt Ion:156 Resp: 70460

Ion Ratio Lower Upper

156 100

77 196.4 104.6 313.8

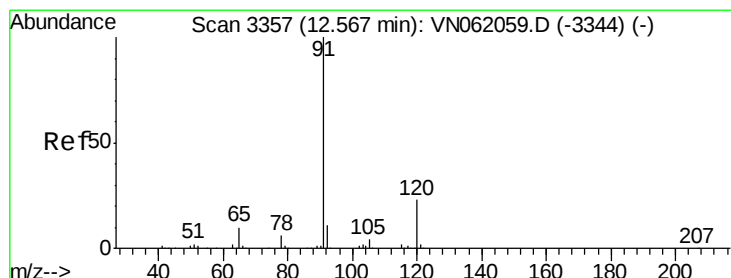
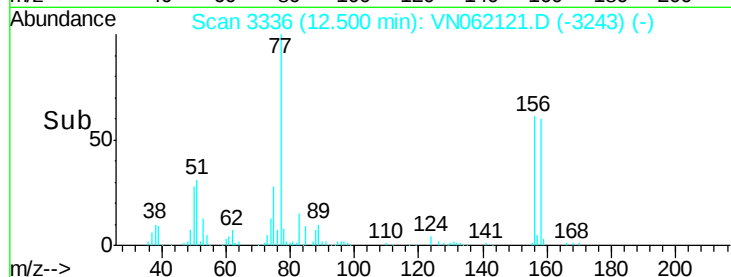
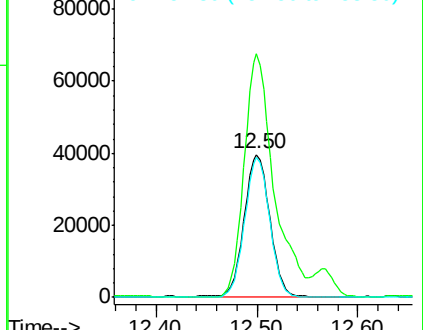
158 93.9 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.774 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062121.D

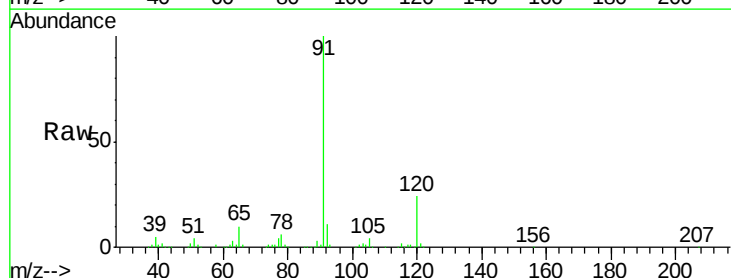
Acq: 25 Jun 2020 19:18

Tgt Ion: 91 Resp: 310030

Ion Ratio Lower Upper

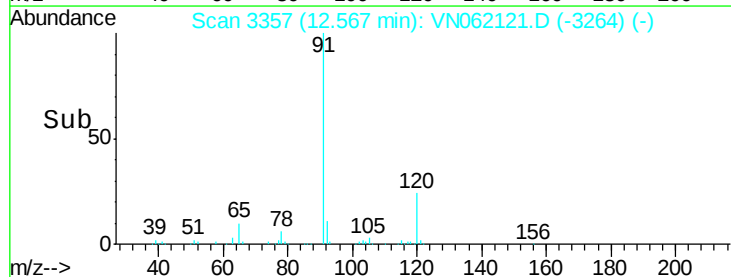
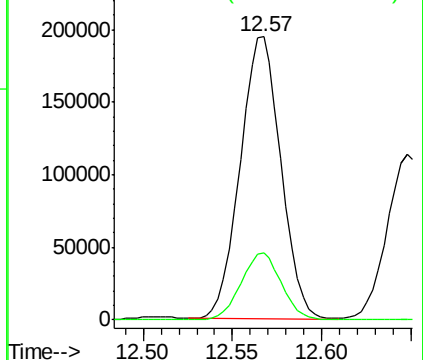
91 100

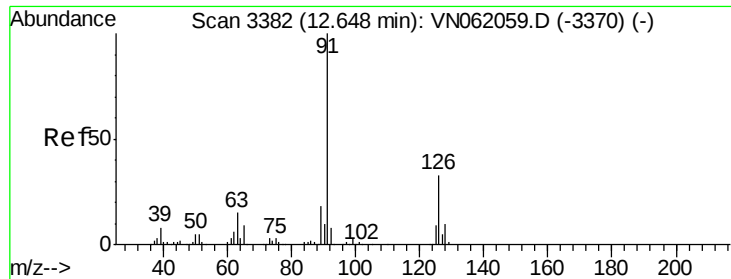
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

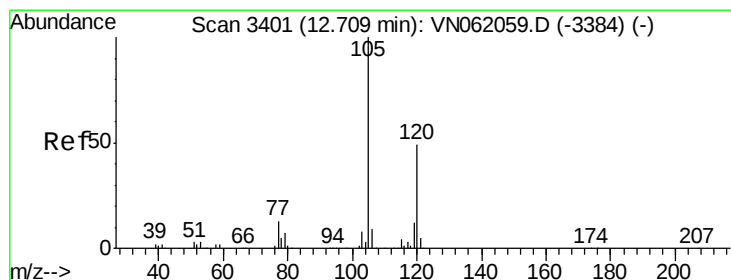
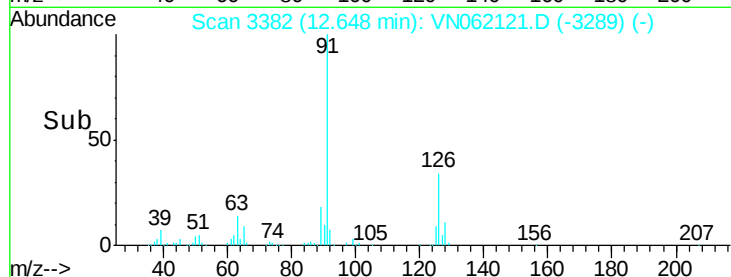
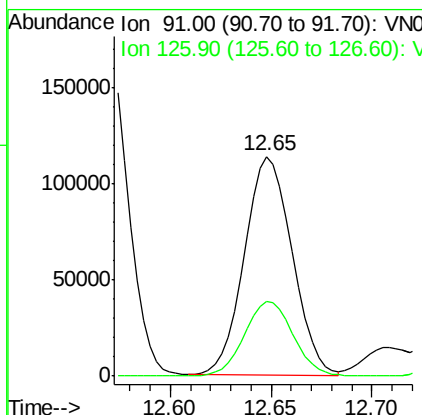
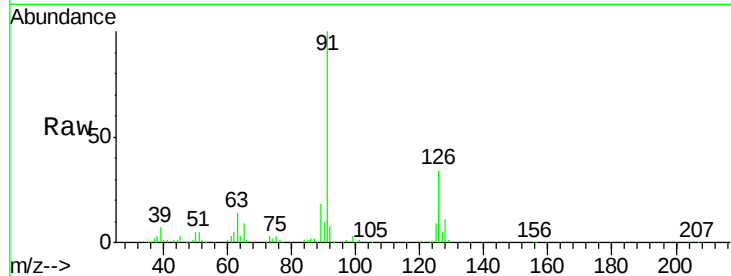




#79
 2-Chlorotoluene
 Concen: 18.804 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

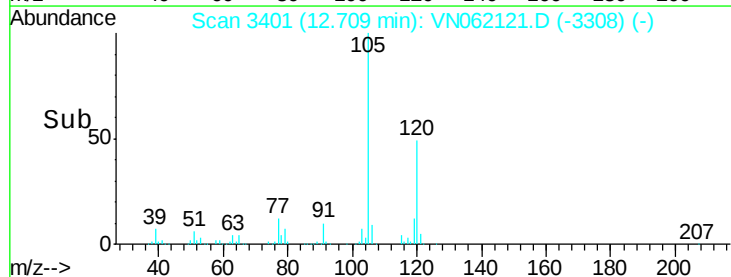
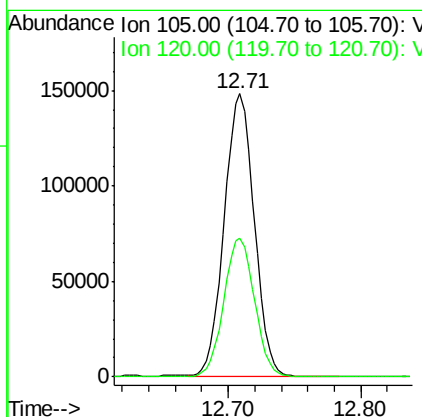
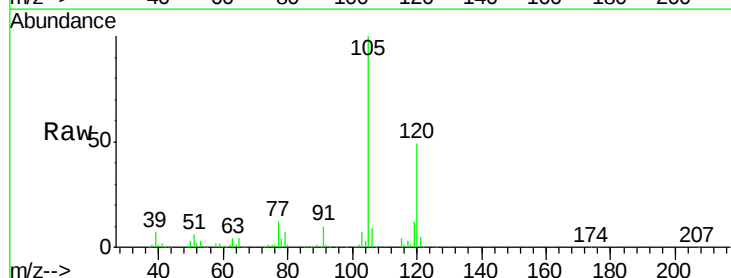
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

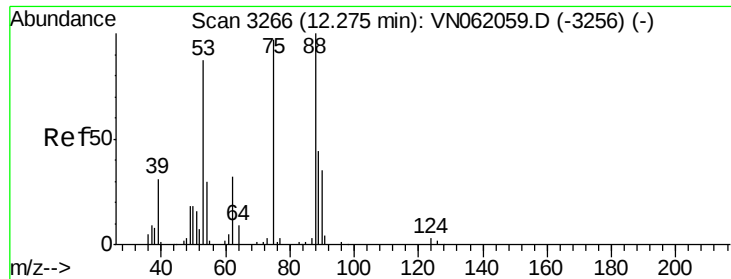
Tgt Ion: 91 Resp: 187726
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.030 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 105 Resp: 234417
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.172 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062121.D

Acq: 25 Jun 2020 19:18

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

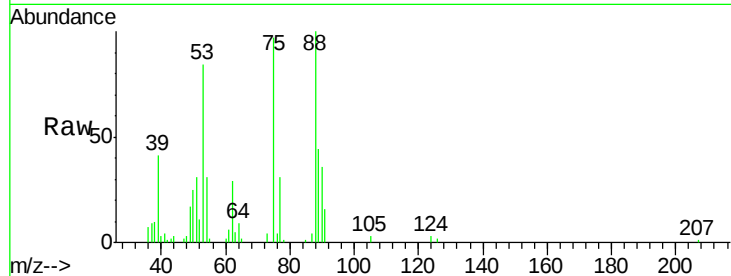
Tgt Ion: 75 Resp: 25816

Ion Ratio Lower Upper

75 100

53 90.2 72.0 108.0

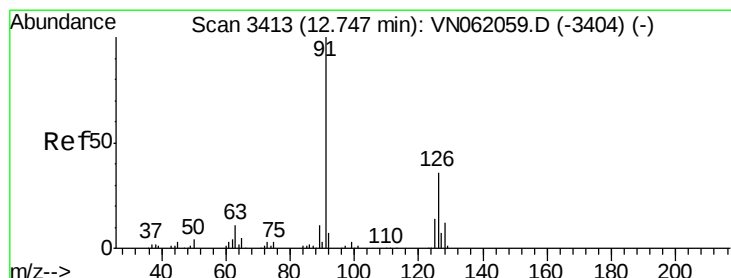
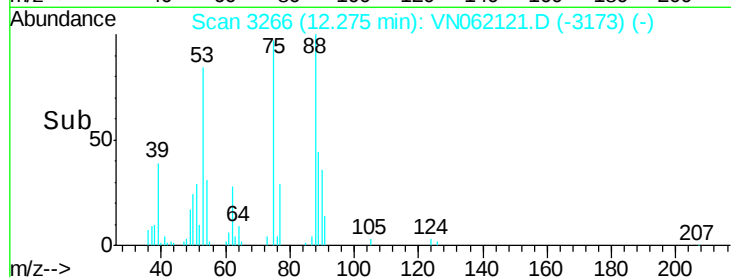
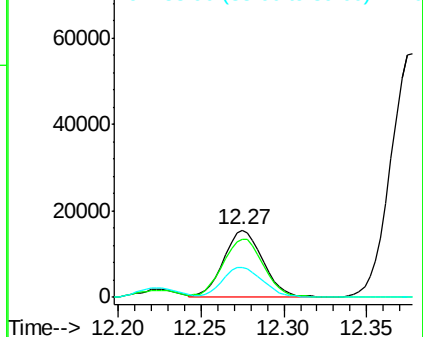
89 45.4 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.550 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062121.D

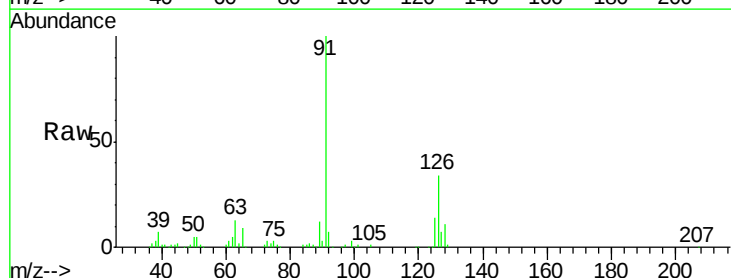
Acq: 25 Jun 2020 19:18

Tgt Ion: 91 Resp: 191508

Ion Ratio Lower Upper

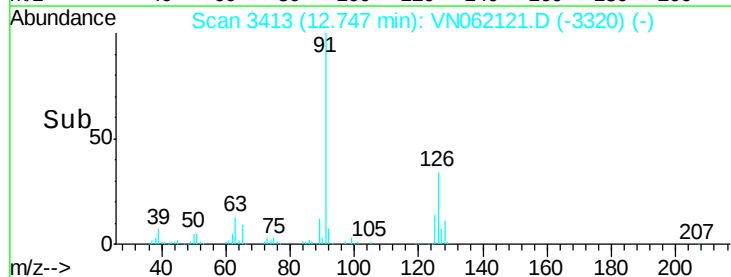
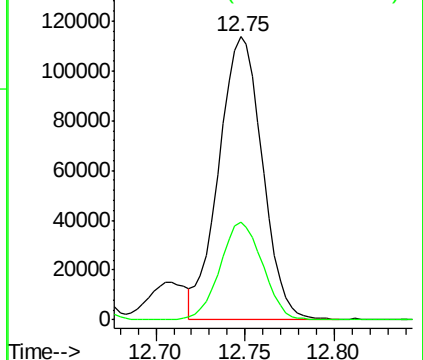
91 100

126 34.1 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

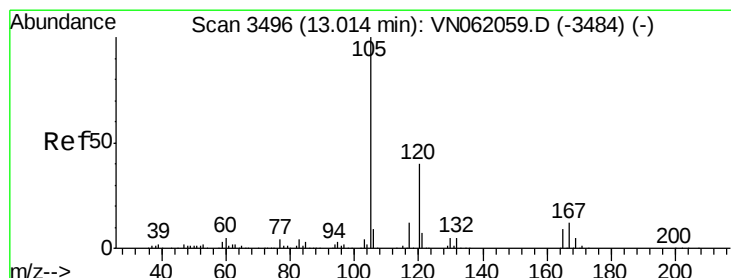
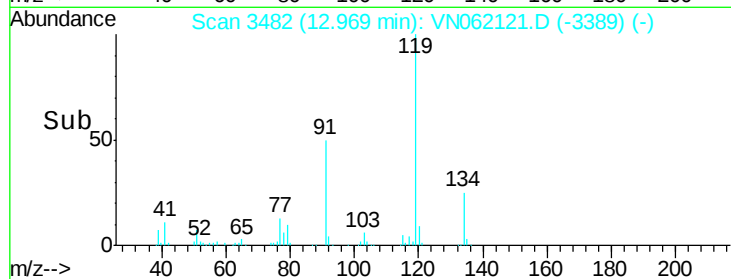
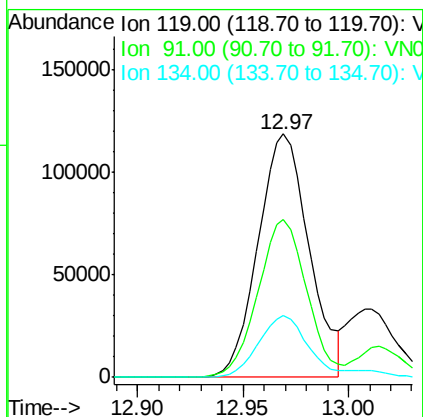
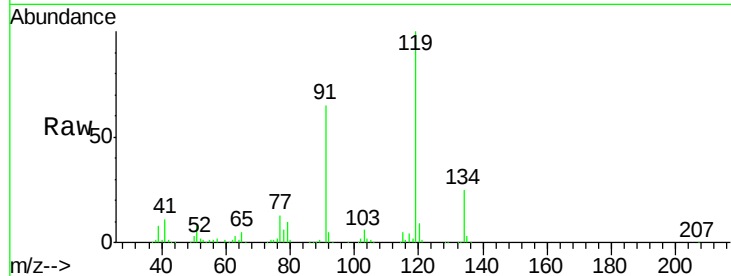




#83
 tert-Butylbenzene
 Concen: 19.973 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

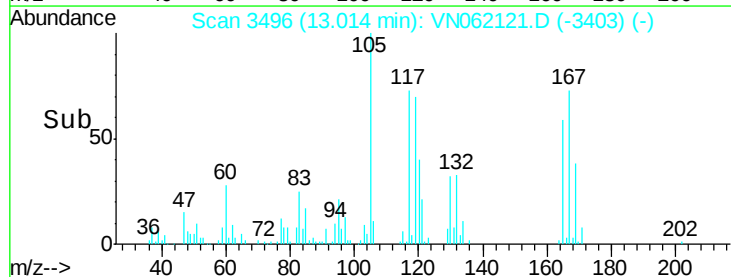
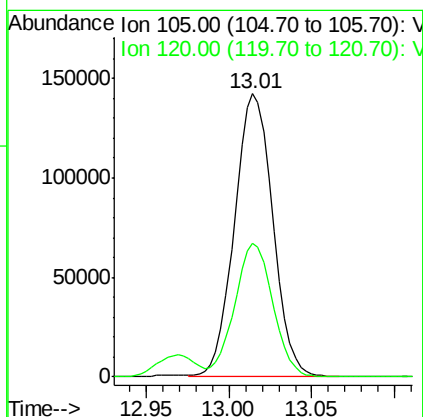
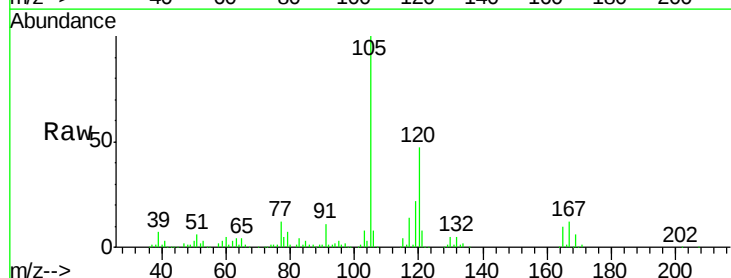
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tgt Ion:119 Resp: 200047
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.7 95.1
 134 24.4 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.435 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion:105 Resp: 227168
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.5

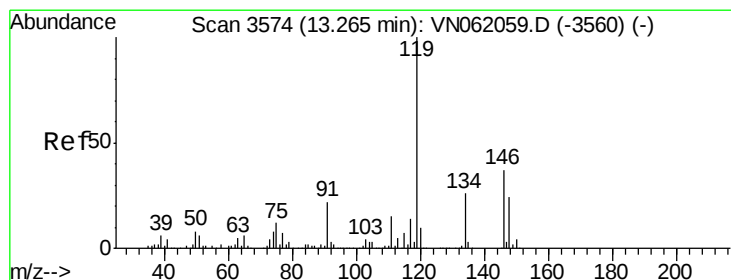
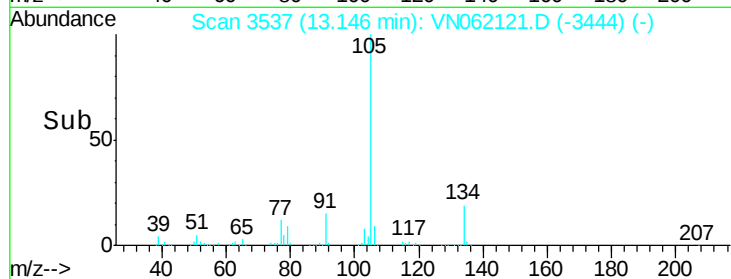
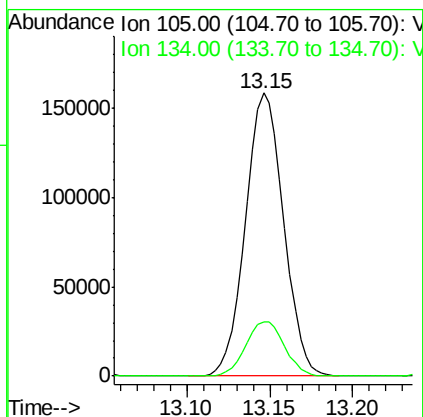
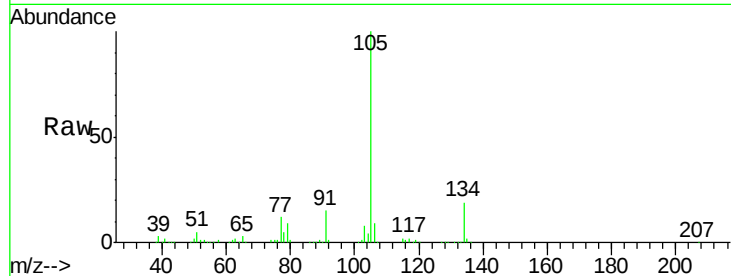




#85
 sec-Butylbenzene
 Concen: 19.069 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

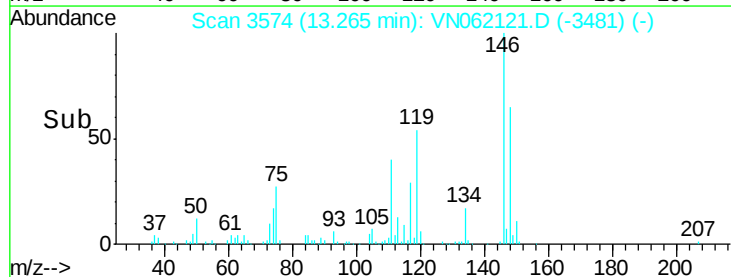
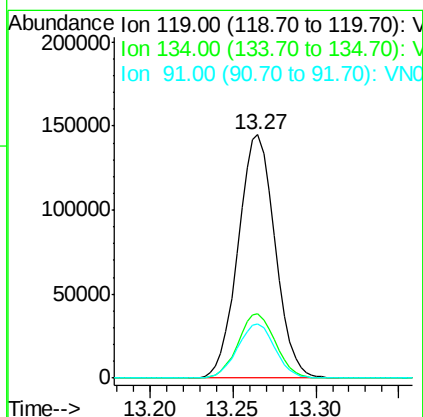
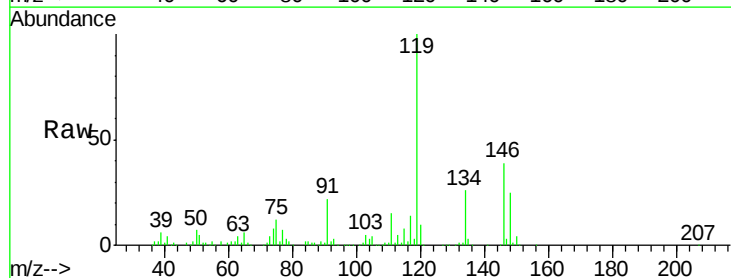
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

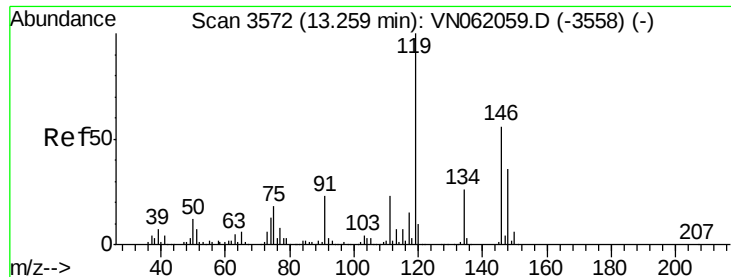
Tgt Ion:105 Resp: 252366
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.351 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion:119 Resp: 224378
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 22.7 11.3 33.8

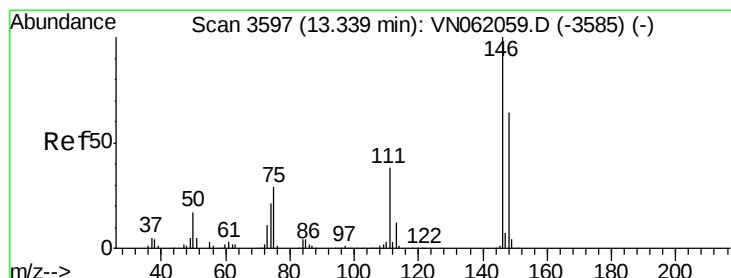
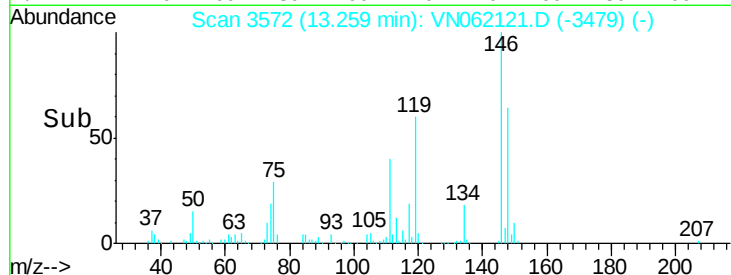
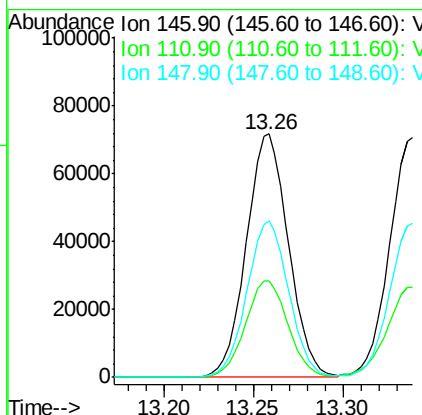
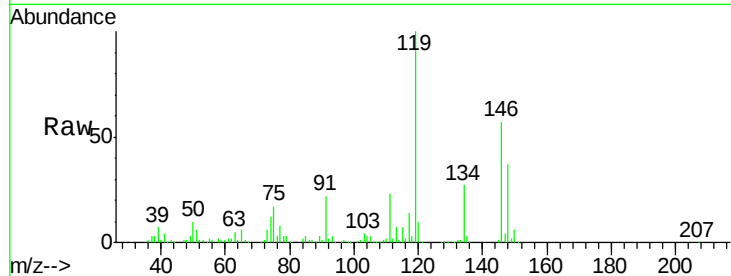




#87
 1,3-Dichlorobenzene
 Concen: 18.885 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

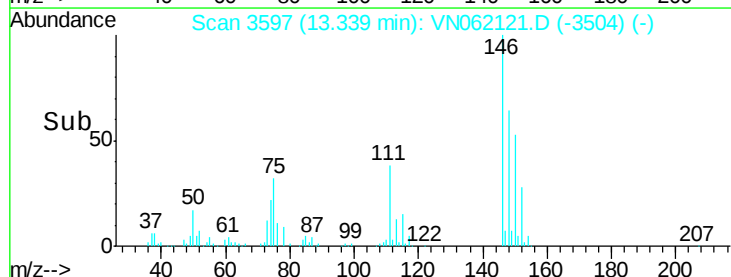
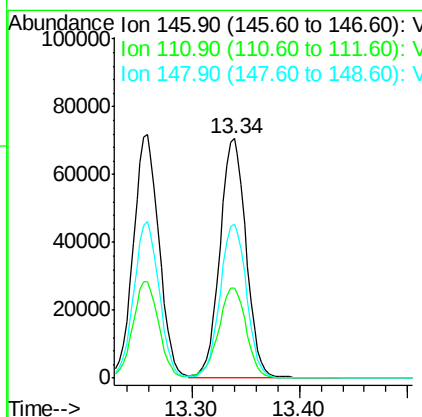
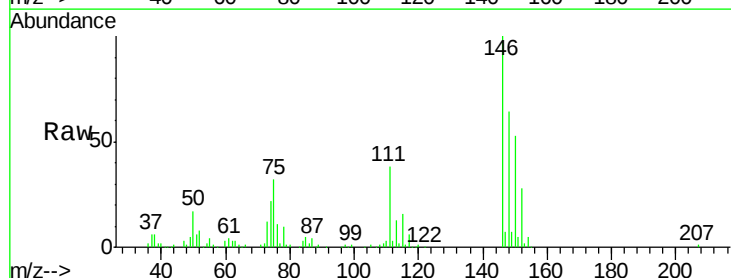
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

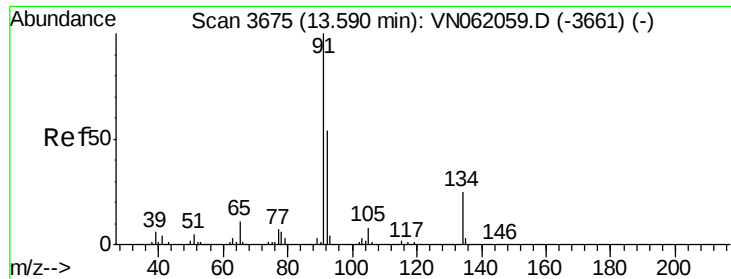
Tgt Ion:146 Resp: 118861
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 61.0
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.421 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion:146 Resp: 119508
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.6
 148 64.5 31.9 95.9

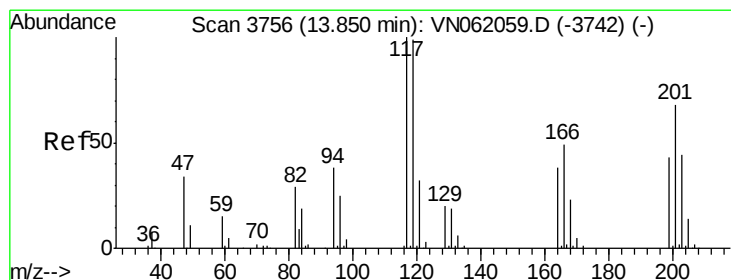
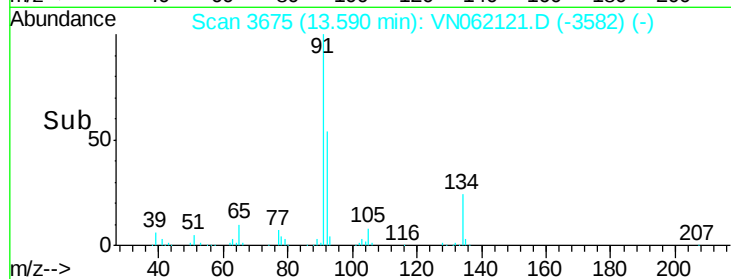
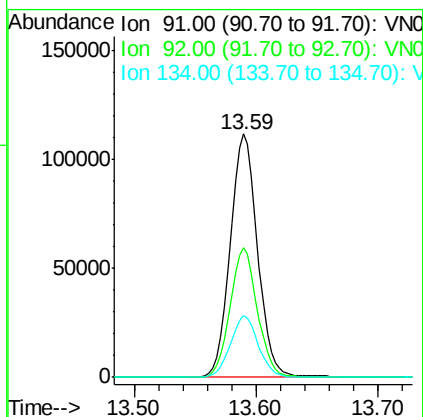
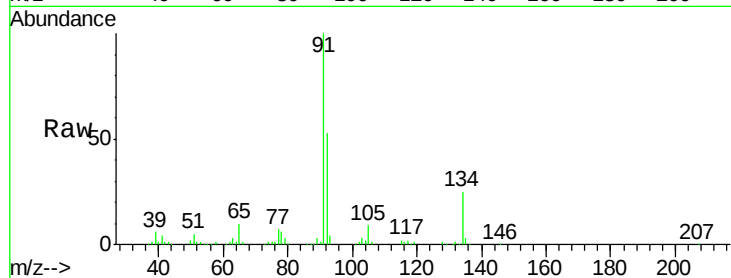




#89
n-Butylbenzene
Concen: 18.112 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

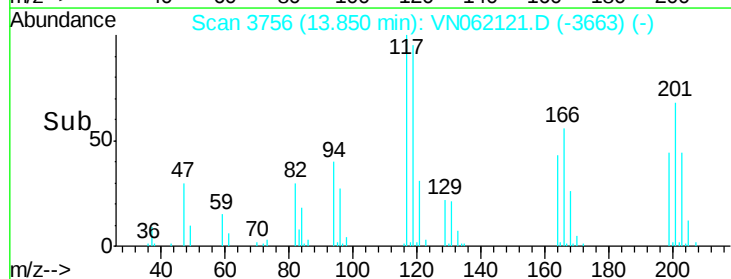
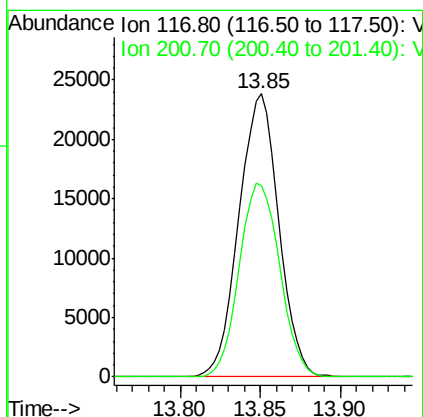
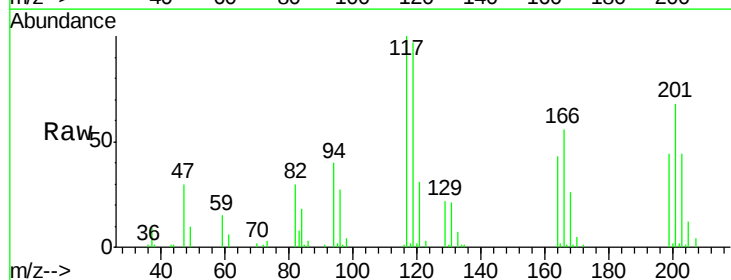
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion: 91 Resp: 174600
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 25.8 12.3 36.9



#90
Hexachloroethane
Concen: 17.836 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion: 117 Resp: 40575
Ion Ratio Lower Upper
117 100
201 69.4 32.7 98.1

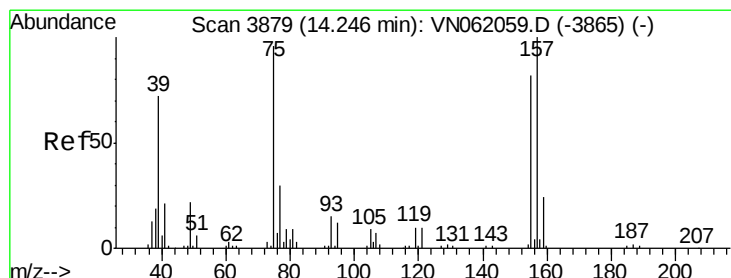
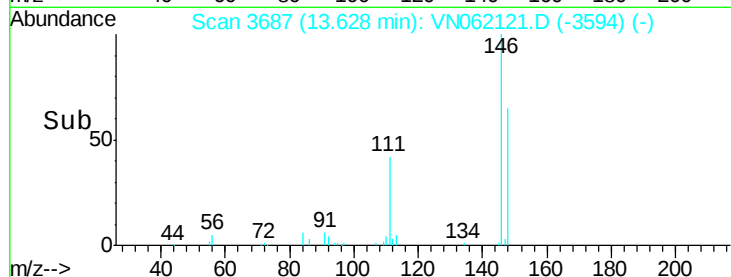
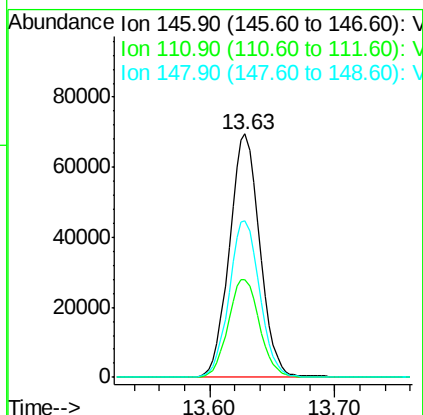
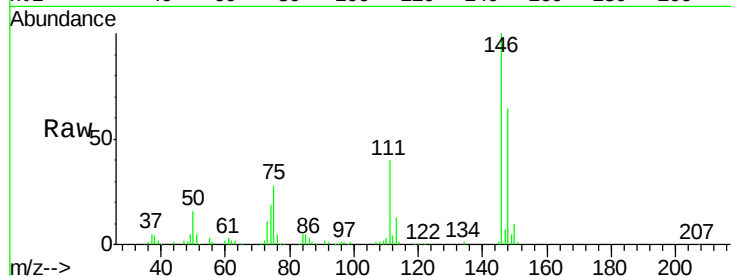




#91
 1,2-Dichlorobenzene
 Concen: 19.151 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

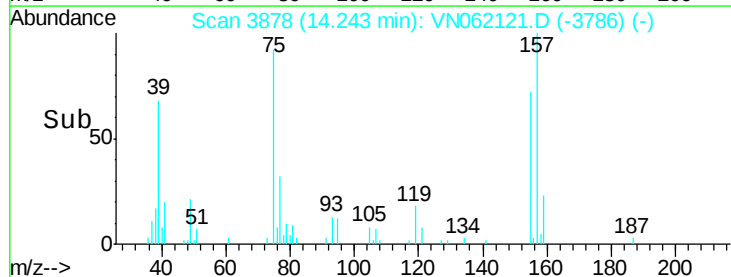
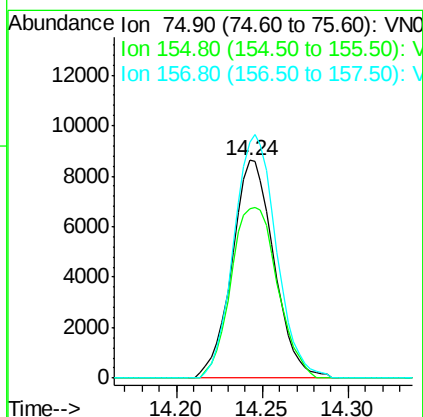
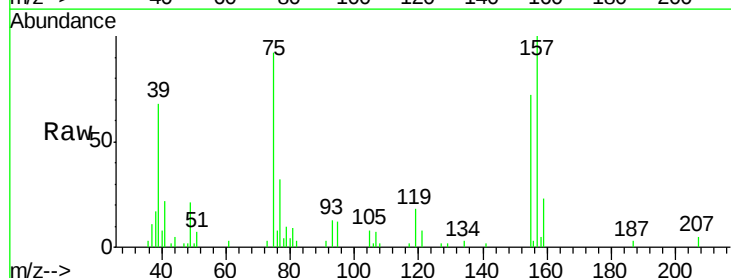
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

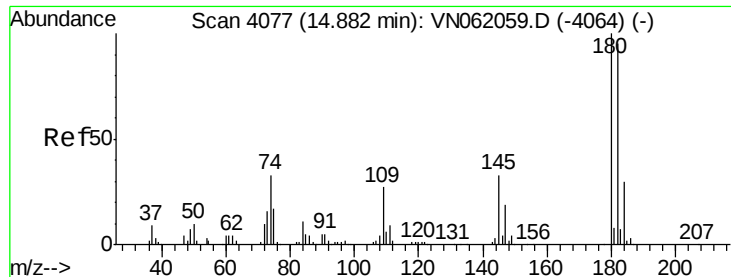
Tgt Ion: 146 Resp: 116882
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.2 63.6
 148 64.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.077 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion: 75 Resp: 14682
 Ion Ratio Lower Upper
 75 100
 155 86.5 40.8 122.4
 157 112.8 51.4 154.3

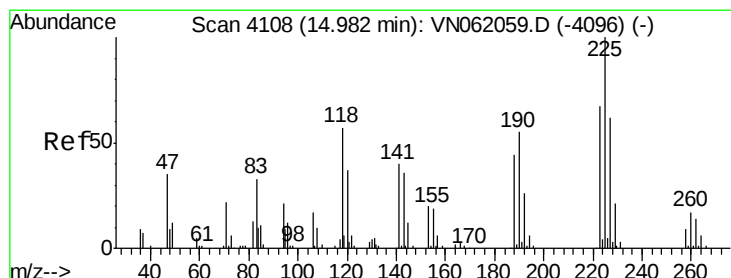
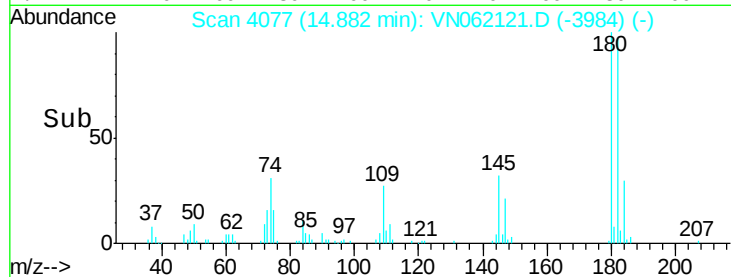
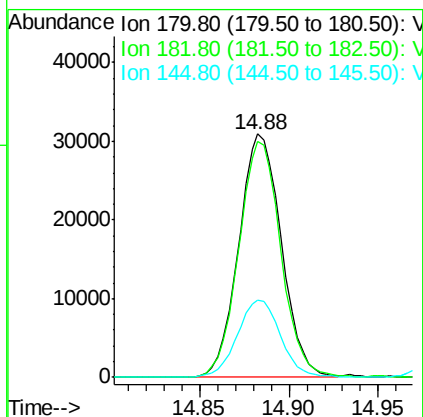
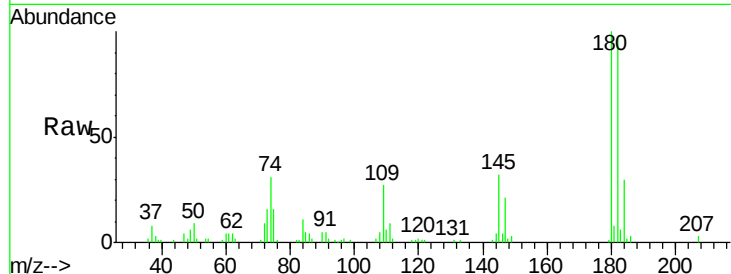




#93
 1,2,4-Trichlorobenzene
 Concen: 19.309 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

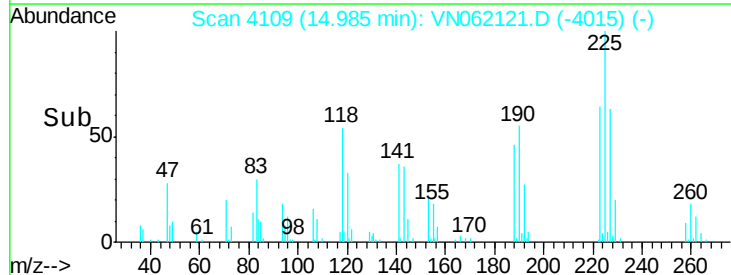
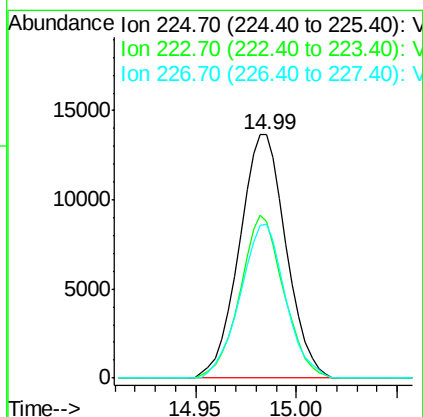
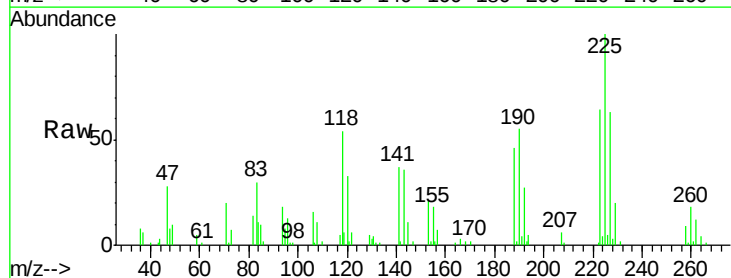
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tgt Ion:180 Resp: 51482
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.2
 145 32.1 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 19.107 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062121.D
 Acq: 25 Jun 2020 19:18

Tgt Ion:225 Resp: 22126
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.9 98.7
 227 61.2 31.3 93.8

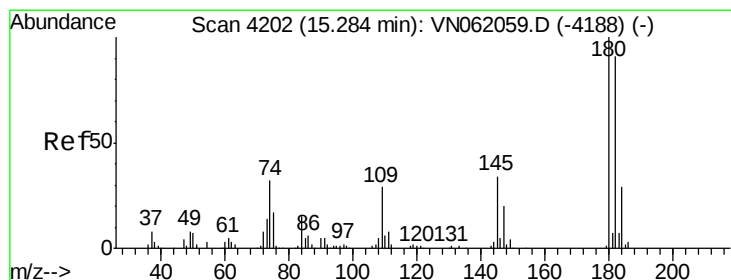
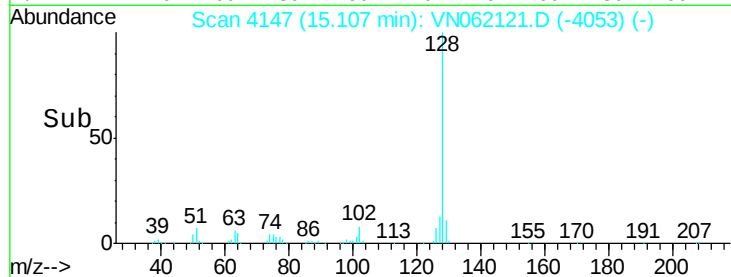
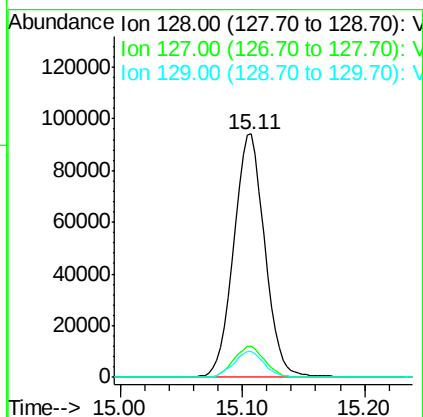
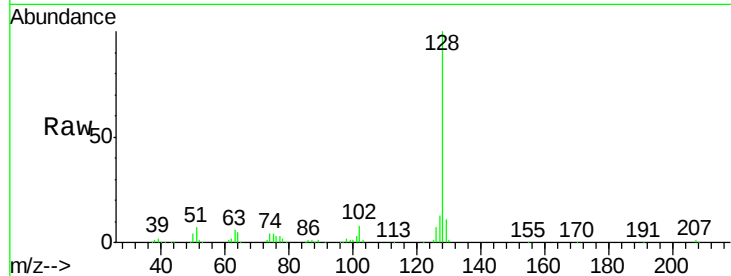




#95
Naphthalene
Concen: 21.205 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tgt Ion:128 Resp: 166280
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.888 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062121.D
Acq: 25 Jun 2020 19:18

Tgt Ion:180 Resp: 54219
Ion Ratio Lower Upper
180 100
182 93.3 46.8 140.4
145 33.3 16.4 49.2

