

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
 Data File : VN062285.D
 Acq On : 1 Jul 2020 12:19
 Operator : JC/MD
 Sample : VN0701WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Quant Time: Jul 01 15:48:33 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	7.62	168	209779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157360	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167379	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.54	113	126491	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.06	98	502924	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.37	95	167038	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	44384	18.718	ug/l	100
3) Chloromethane	2.03	50	59122	20.387	ug/l	96
4) Vinyl Chloride	2.16	62	67632	18.112	ug/l	97
5) Bromomethane	2.53	94	44755	18.545	ug/l	97
6) Chloroethane	2.67	64	47505	18.623	ug/l	98
7) Trichlorofluoromethane	2.98	101	85442	18.569	ug/l	100
8) Diethyl Ether	3.37	74	33744	21.002	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48661	20.195	ug/l	98
10) Methyl Iodide	3.91	142	51783	19.083	ug/l	100
11) Tert butyl alcohol	4.73	59	43620	103.199	ug/l	99
12) 1,1-Dichloroethene	3.69	96	46240	19.197	ug/l	93
13) Acrolein	3.57	56	40070	96.828	ug/l	96
14) Allyl chloride	4.27	41	70943	21.632	ug/l	98
15) Acrylonitrile	4.93	53	126366	109.710	ug/l	99
16) Acetone	3.77	43	111942	119.021	ug/l	99
17) Carbon Disulfide	4.00	76	133178	19.334	ug/l	98
18) Methyl Acetate	4.27	43	55147	23.565	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	163660	21.263	ug/l	100
20) Methylene Chloride	4.50	84	60736	22.354	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	52248	19.040	ug/l	96
22) Diisopropyl ether	5.90	45	165499	22.164	ug/l	96
23) Vinyl Acetate	5.84	43	661122	108.443	ug/l	98
24) 1,1-Dichloroethane	5.79	63	103634	21.553	ug/l	99
25) 2-Butanone	6.78	43	158271	109.991	ug/l	94
26) 2,2-Dichloropropane	6.77	77	83616	20.868	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61359	19.871	ug/l	97
28) Bromochloromethane	7.14	49	42820	20.525	ug/l	91
29) Tetrahydrofuran	7.16	42	102914	109.184	ug/l	96
30) Chloroform	7.33	83	101597	20.767	ug/l	99
31) Cyclohexane	7.61	56	84188	20.699	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	82204	19.925	ug/l	97
36) 1,1-Dichloropropene	7.75	75	75123	19.569	ug/l	97
37) Ethyl Acetate	6.88	43	64758	20.372	ug/l	98
38) Carbon Tetrachloride	7.73	117	69093	19.091	ug/l	97

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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	83087	19.753	ug/l	97
40) Benzene	8.00	78	232724	19.890	ug/l	99
41) Methacrylonitrile	7.12	41	24567	16.670	ug/l	90
42) 1,2-Dichloroethane	8.08	62	81723	20.672	ug/l	98
43) Isopropyl Acetate	8.12	43	108418	20.922	ug/l #	89
44) Trichloroethene	8.80	130	54301	18.397	ug/l	99
45) 1,2-Dichloropropane	9.08	63	59844	20.731	ug/l	100
46) Dibromomethane	9.17	93	39595	20.231	ug/l	95
47) Bromodichloromethane	9.37	83	80810	20.449	ug/l	98
48) Methyl methacrylate	9.17	41	50458	21.717	ug/l	92
49) 1,4-Dioxane	9.17	88	20019	388.527	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	324886	107.308	ug/l	99
52) Toluene	10.12	92	144225	20.202	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	86622	19.924	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95748	20.686	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57056	20.331	ug/l	97
56) Ethyl methacrylate	10.40	69	76346	20.385	ug/l	97
57) 1,3-Dichloropropane	10.68	76	99942	20.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	135860	95.817	ug/l	99
59) 2-Hexanone	10.72	43	232267	106.241	ug/l	98
60) Dibromochloromethane	10.87	129	57922	19.495	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56933	19.744	ug/l	98
64) Tetrachloroethene	10.60	164	43243	17.831	ug/l	98
65) Chlorobenzene	11.40	112	151528	19.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53525	19.854	ug/l	98
67) Ethyl Benzene	11.48	91	261687	19.874	ug/l	99
68) m/p-Xylenes	11.59	106	198021	38.882	ug/l	97
69) o-Xylene	11.92	106	93440	19.446	ug/l	98
70) Styrene	11.94	104	156839	19.571	ug/l	98
71) Bromoform	12.10	173	34819	18.165	ug/l #	97
73) Isopropylbenzene	12.22	105	247518	20.320	ug/l	99
74) N-amyl acetate	12.05	43	88325	21.724	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	83740	20.659	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	102573	27.690	ug/l #	100
77) Bromobenzene	12.50	156	59130	19.553	ug/l	93
78) n-propylbenzene	12.56	91	291451	20.918	ug/l	99
79) 2-Chlorotoluene	12.65	91	171266	20.333	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	206753	20.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26210	20.663	ug/l	93
82) 4-Chlorotoluene	12.75	91	181041	20.784	ug/l	97
83) tert-Butylbenzene	12.97	119	168444	19.933	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	208722	21.164	ug/l	99
85) sec-Butylbenzene	13.15	105	238825	21.388	ug/l	99
86) p-Isopropyltoluene	13.26	119	207136	21.173	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	103158	19.426	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	103700	18.944	ug/l	98
89) n-Butylbenzene	13.59	91	172706	21.234	ug/l	99
90) Hexachloroethane	13.85	117	39048	20.343	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	102352	19.876	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13990	21.545	ug/l	89

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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	42394	18.845	ug/l	97
94) Hexachlorobutadiene	14.98	225	20827	21.316	ug/l	100
95) Naphthalene	15.10	128	111866	17.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	43493	18.908	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

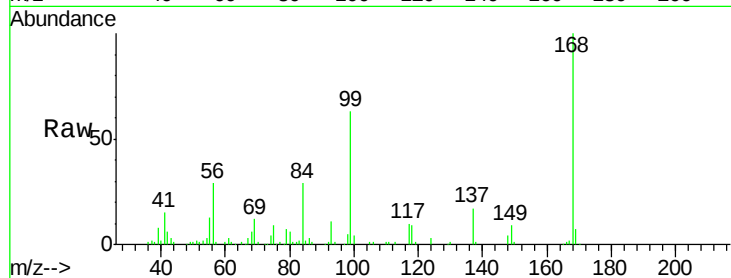
VN0701WBS01

Tgt Ion:168 Resp: 209779

Ion Ratio Lower Upper

168 100

99 63.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

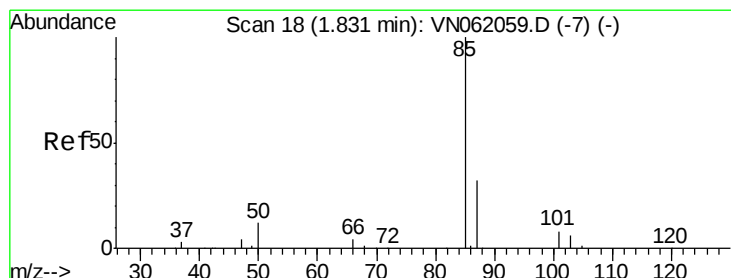
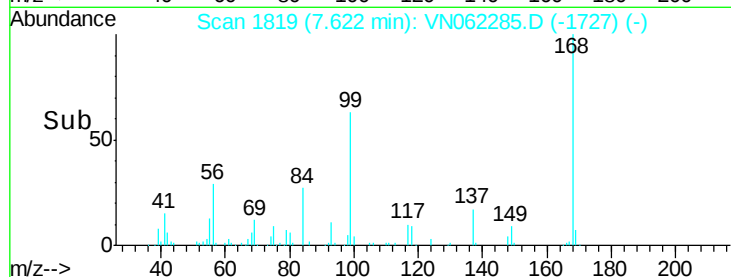
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.718 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062285.D

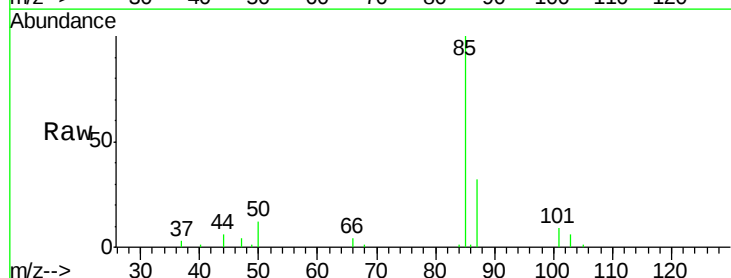
Acq: 1 Jul 2020 12:19

Tgt Ion: 85 Resp: 44384

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

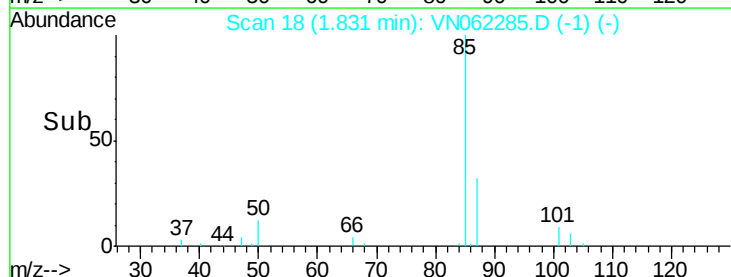
30000

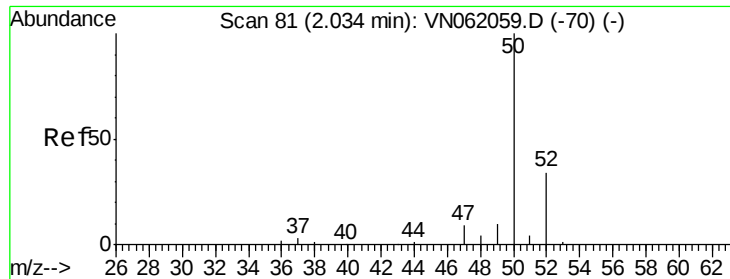
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.387 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

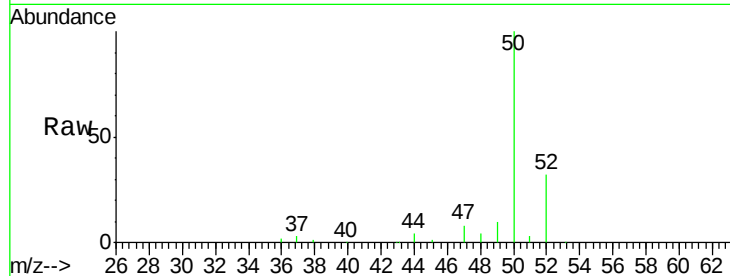
VN0701WBS01

Tgt Ion: 50 Resp: 59122

Ion Ratio Lower Upper

50 100

52 31.5 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

40000

30000

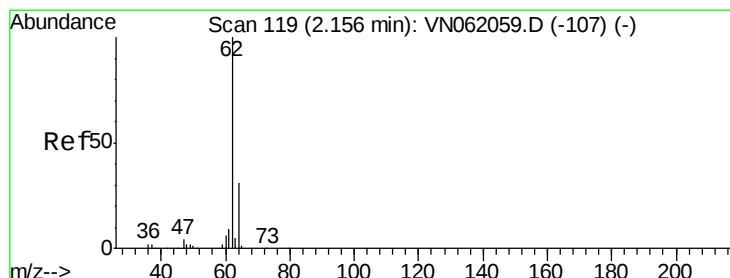
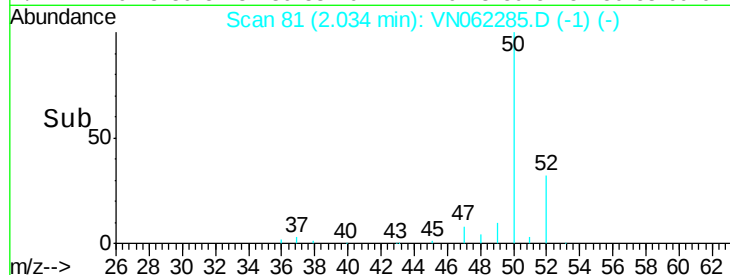
20000

10000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 18.112 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062285.D

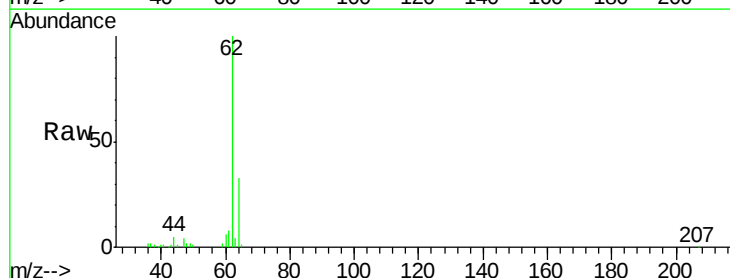
Acq: 1 Jul 2020 12:19

Tgt Ion: 62 Resp: 67632

Ion Ratio Lower Upper

62 100

64 33.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

40000

30000

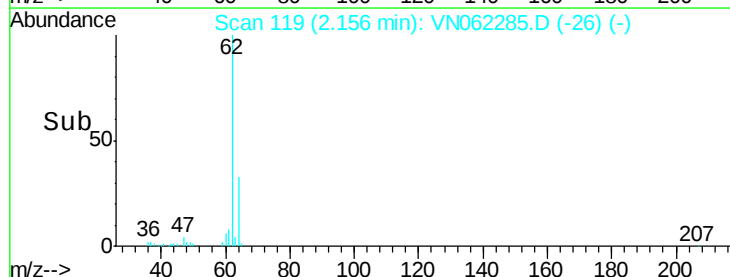
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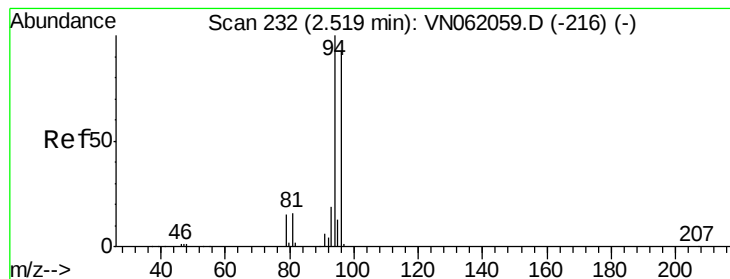
10000

0

Time-->

2.10 2.15 2.20





#5

Bromomethane

Concen: 18.545 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

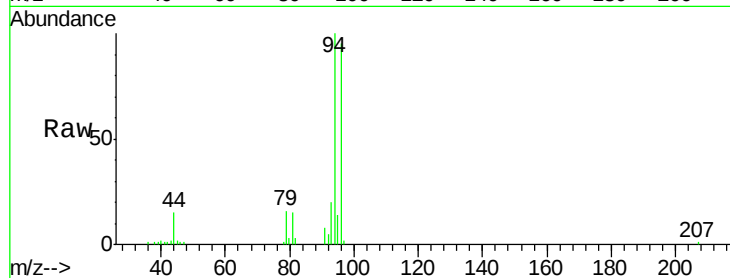
VN0701WBS01

Tgt Ion: 94 Resp: 44755

Ion Ratio Lower Upper

94 100

96 94.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062285.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062285.D (-139) (-)

25000

20000

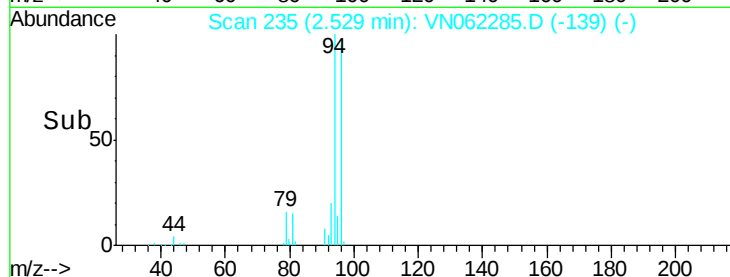
15000

10000

5000

0

Time-->

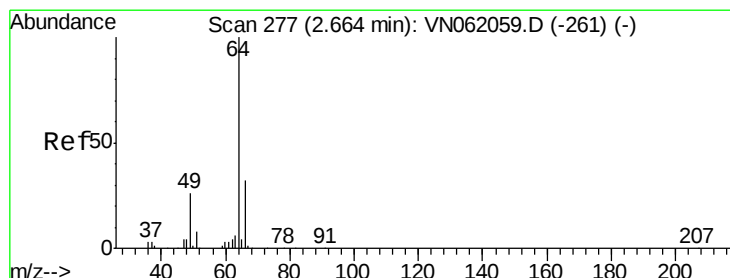


2.53

2.55

2.60

2.65



#6

Chloroethane

Concen: 18.623 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062285.D

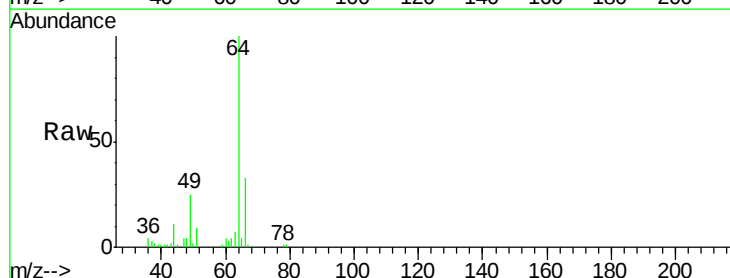
Acq: 1 Jul 2020 12:19

Tgt Ion: 64 Resp: 47505

Ion Ratio Lower Upper

64 100

66 33.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062285.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062285.D (-184) (-)

25000

20000

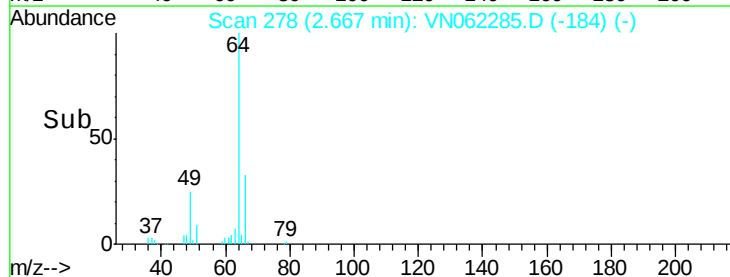
15000

10000

5000

0

Time-->

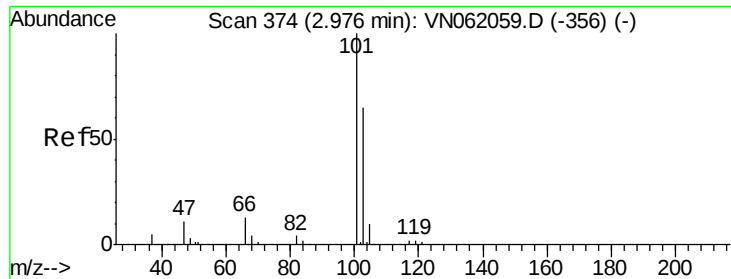


2.67

2.70

2.75

2.80

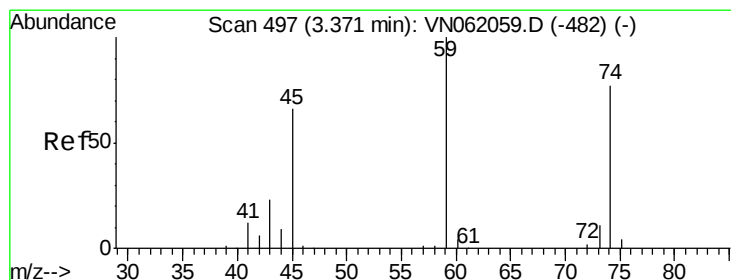
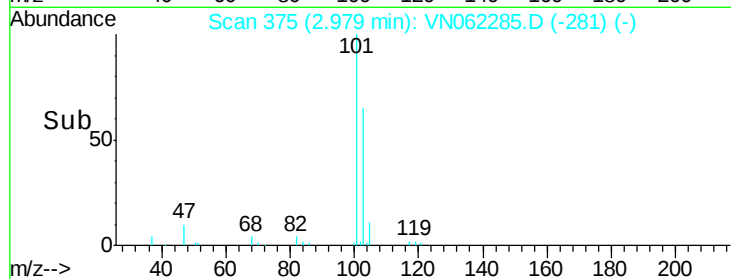
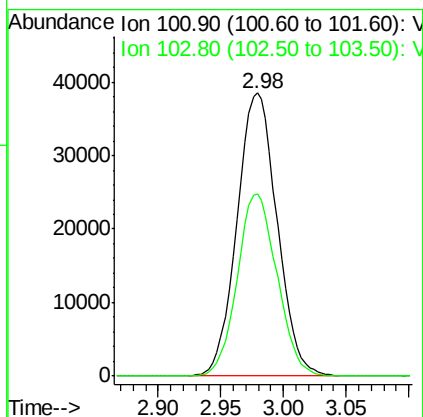
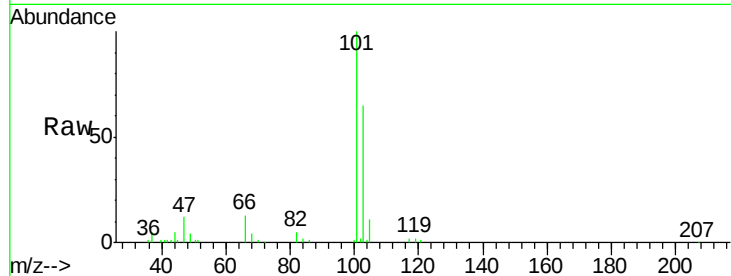


#7

Trichlorofluoromethane
 Concen: 18.569 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062285.D
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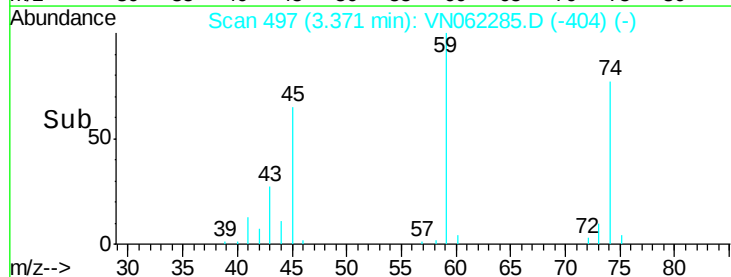
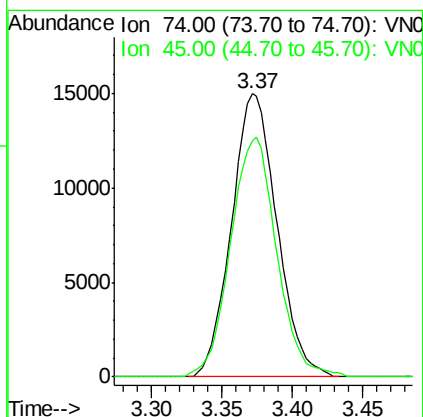
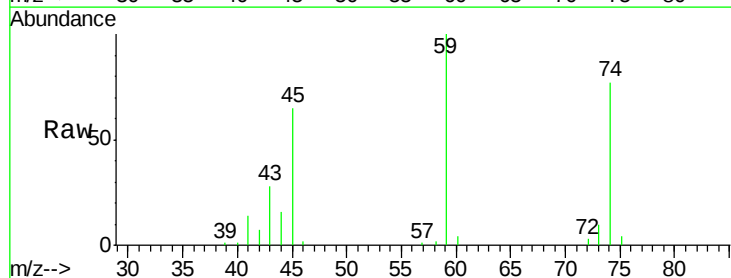
Tgt Ion:101 Resp: 85442
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.6

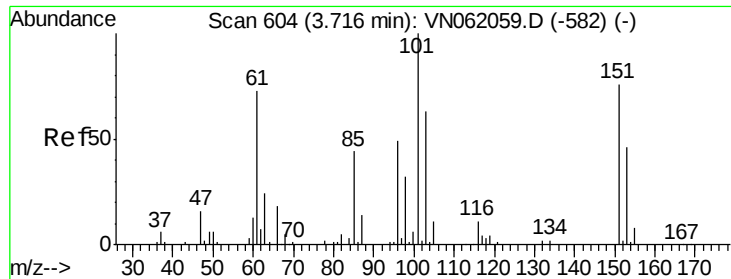


#8

Diethyl Ether
 Concen: 21.002 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 74 Resp: 33744
 Ion Ratio Lower Upper
 74 100
 45 85.8 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.195 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

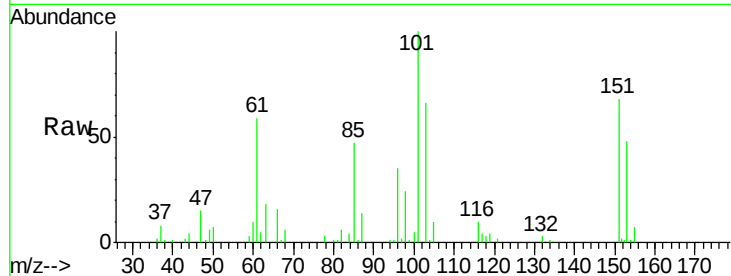
Tgt Ion:101 Resp: 48661

Ion Ratio Lower Upper

101 100

85 46.0 34.5 51.7

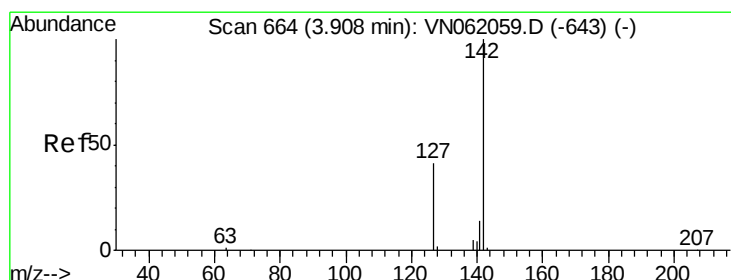
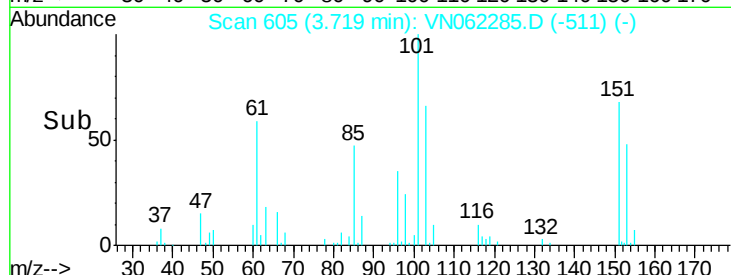
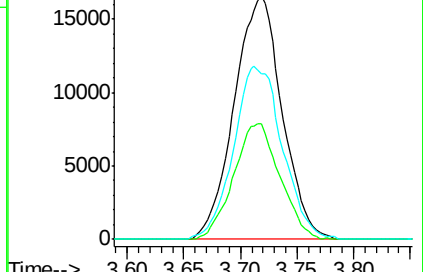
151 72.7 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.083 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

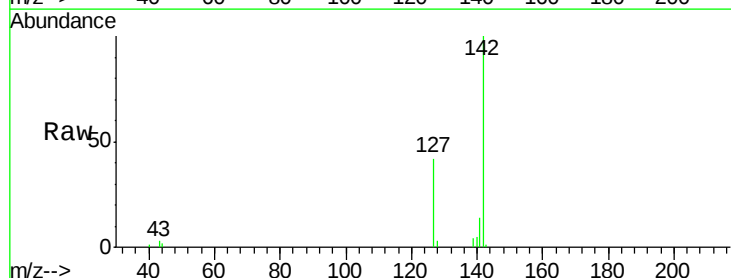
Tgt Ion:142 Resp: 51783

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

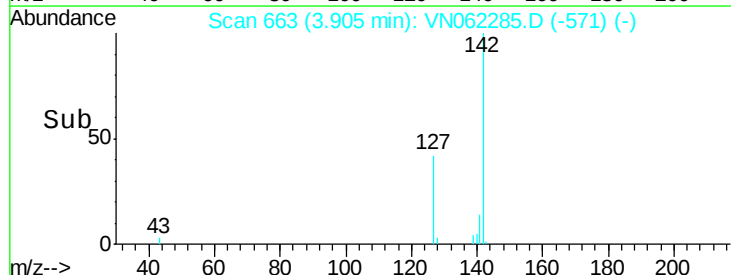
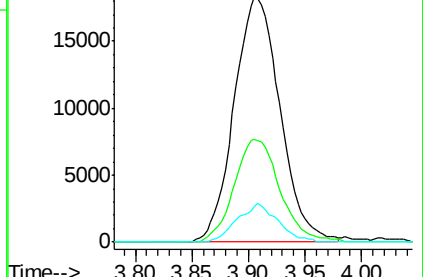
141 13.9 11.3 16.9



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



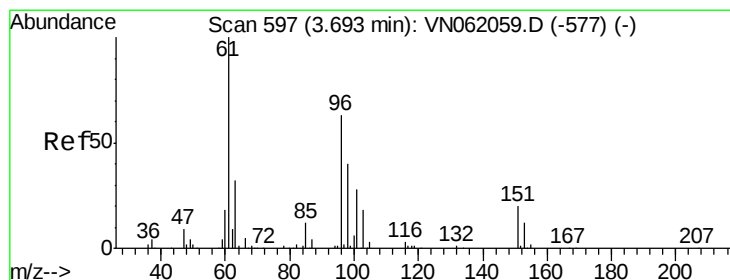
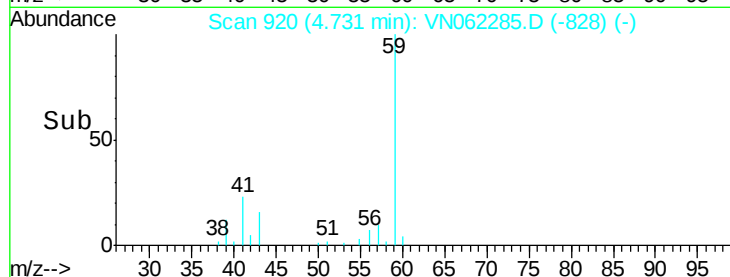
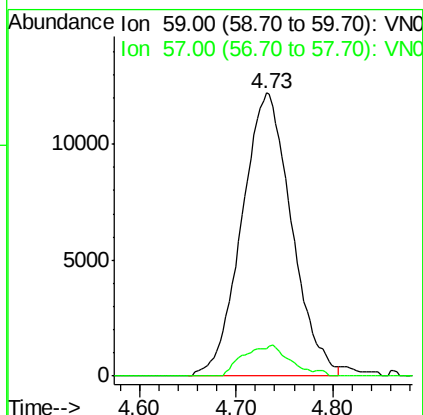
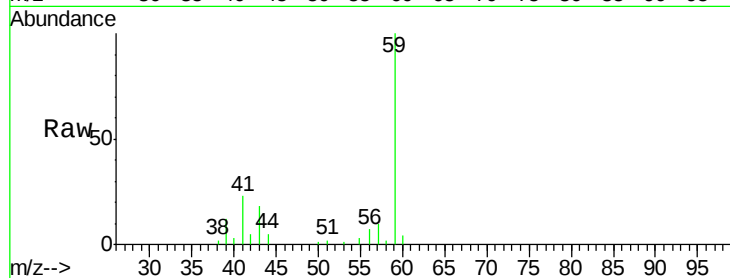


#11

Tert butyl alcohol
 Concen: 103.199 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

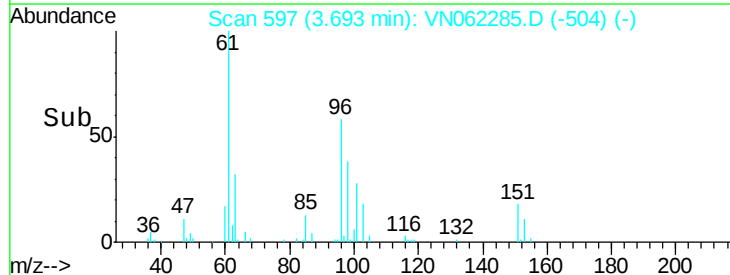
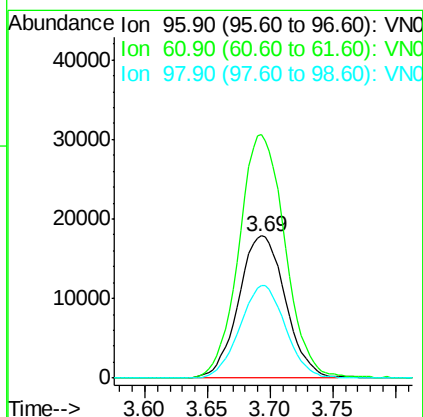
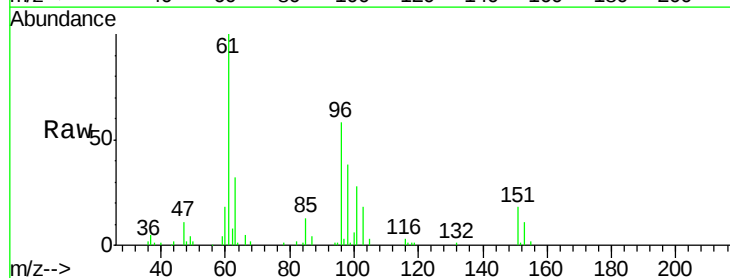
Tgt Ion: 59 Resp: 43620
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

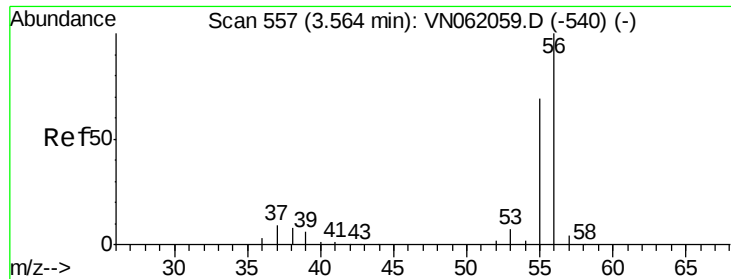


#12

1,1-Dichloroethene
 Concen: 19.197 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 96 Resp: 46240
 Ion Ratio Lower Upper
 96 100
 61 171.0 126.7 190.1
 98 65.2 51.0 76.4

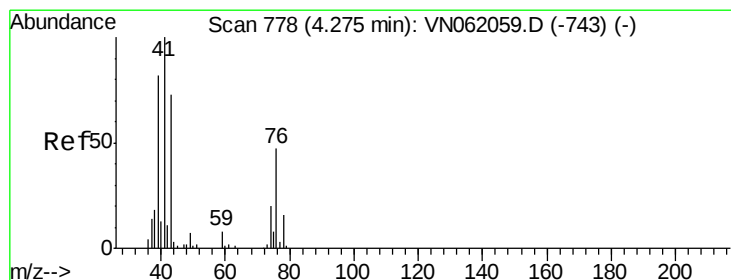
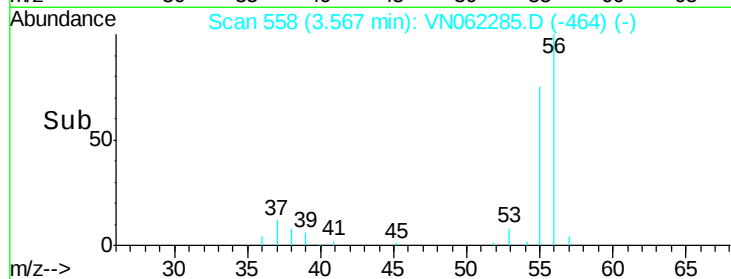
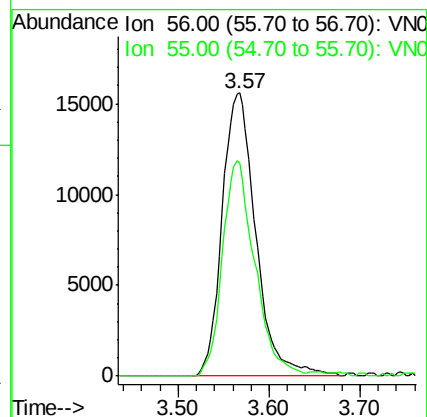
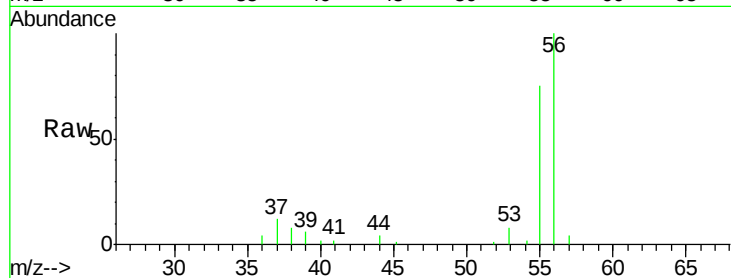




#13
Acrolein
Concen: 96.828 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

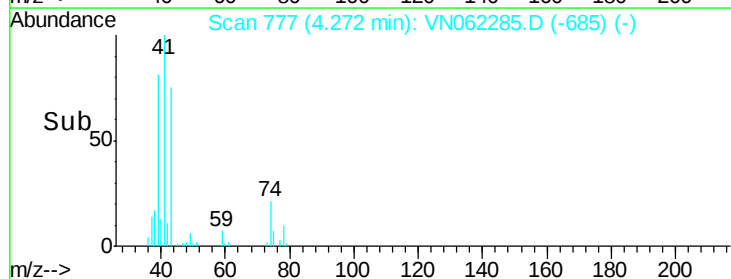
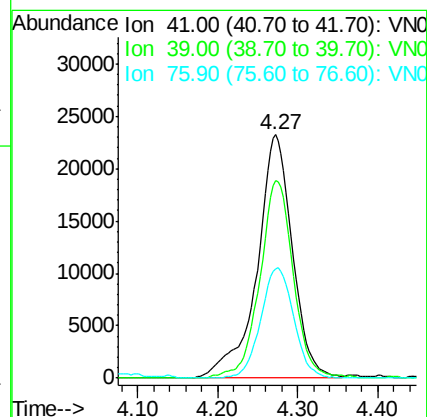
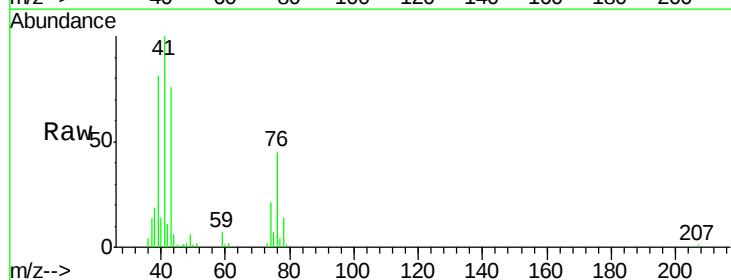
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

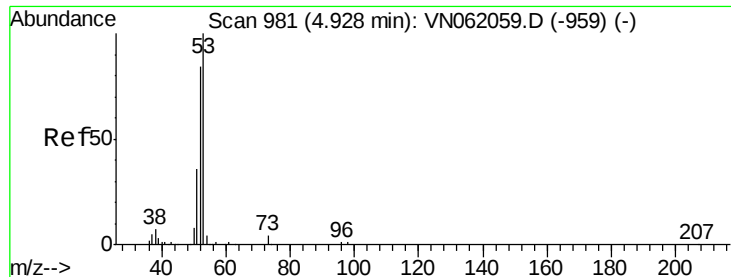
Tgt Ion: 56 Resp: 40070
Ion Ratio Lower Upper
56 100
55 73.0 55.5 83.3



#14
Allyl chloride
Concen: 21.632 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 41 Resp: 70943
Ion Ratio Lower Upper
41 100
39 76.7 60.0 90.0
76 42.2 34.1 51.1





#15

Acrylonitrile

Concen: 109.710 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

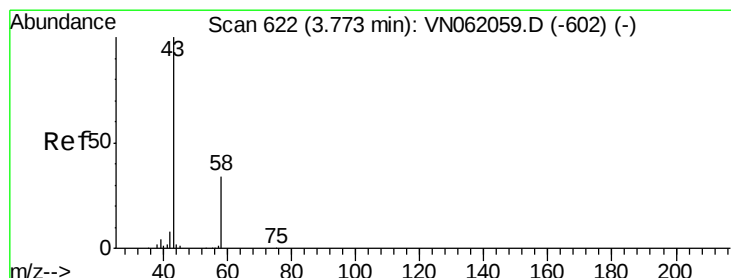
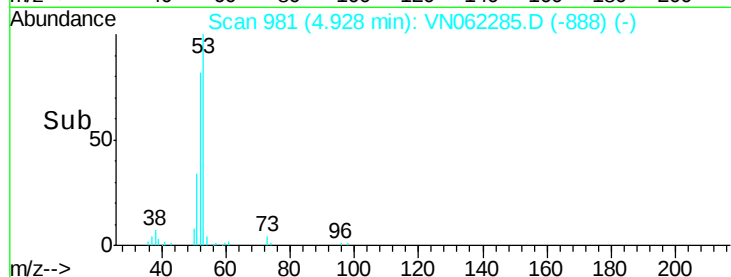
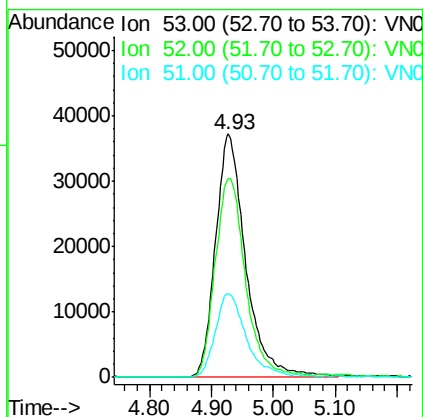
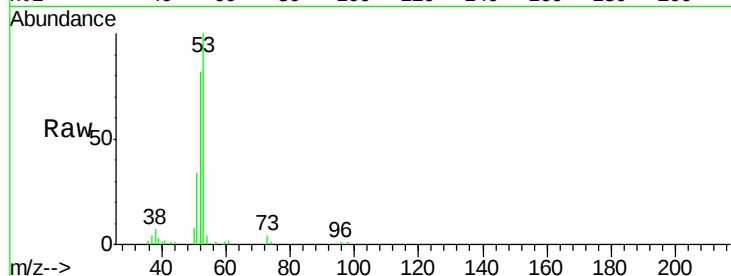
Tgt Ion: 53 Resp: 126366

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

51 34.9 28.9 43.3



#16

Acetone

Concen: 119.021 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062285.D

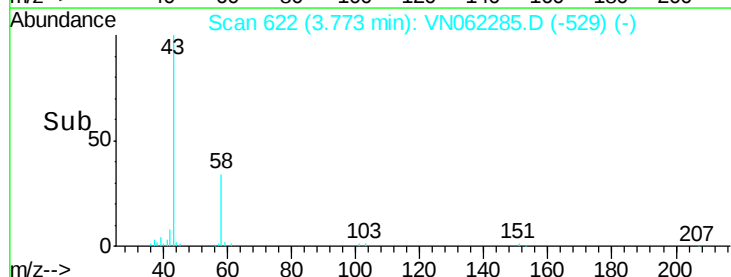
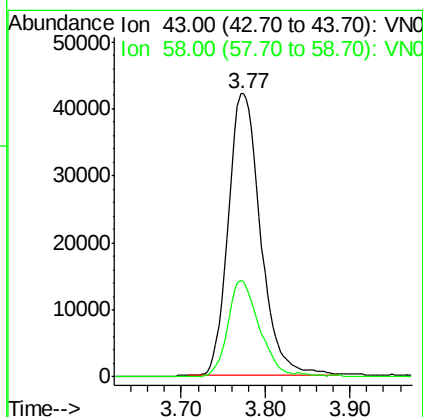
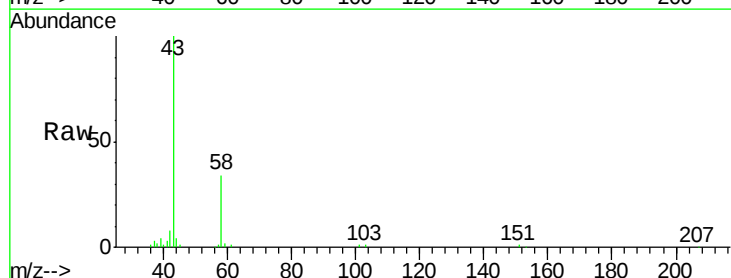
Acq: 1 Jul 2020 12:19

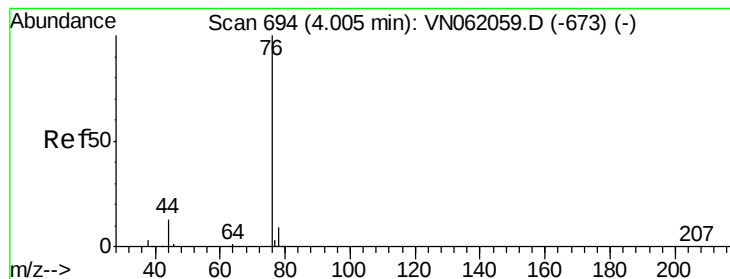
Tgt Ion: 43 Resp: 111942

Ion Ratio Lower Upper

43 100

58 33.7 27.5 41.3





#17

Carbon Disulfide

Concen: 19.334 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

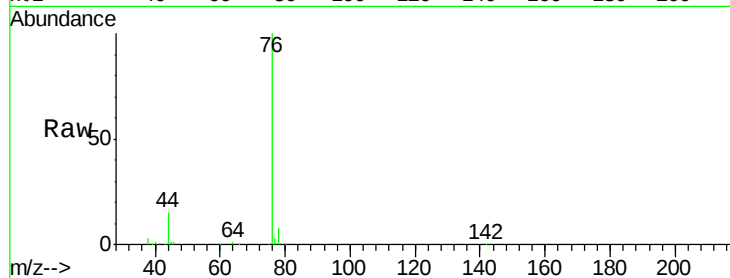
VN0701WBS01

Tgt Ion: 76 Resp: 133178

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8

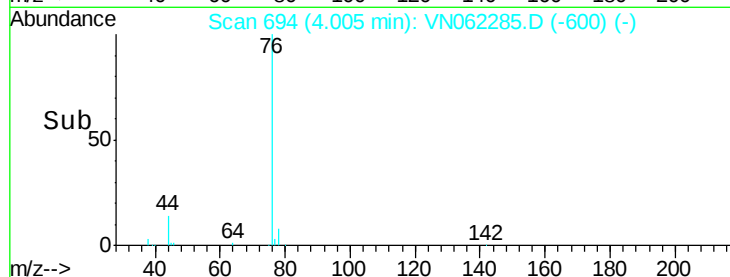


Abundance Ion 75.90 (75.60 to 76.60): VN062285.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062285.D (-600) (-)

4.00

Time-->



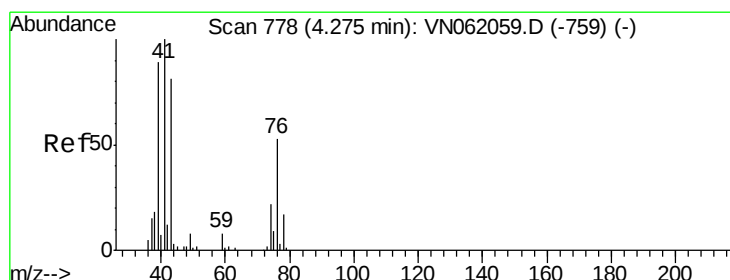
Abundance

Ion 75.90 (75.60 to 76.60): VN062285.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062285.D (-600) (-)

4.00

Time-->



#18

Methyl Acetate

Concen: 23.565 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062285.D

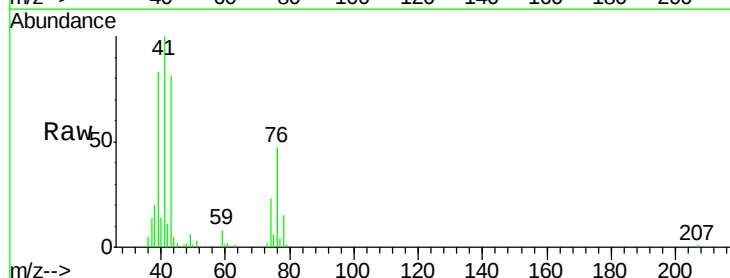
Acq: 1 Jul 2020 12:19

Tgt Ion: 43 Resp: 55147

Ion Ratio Lower Upper

43 100

74 26.5 22.9 34.3

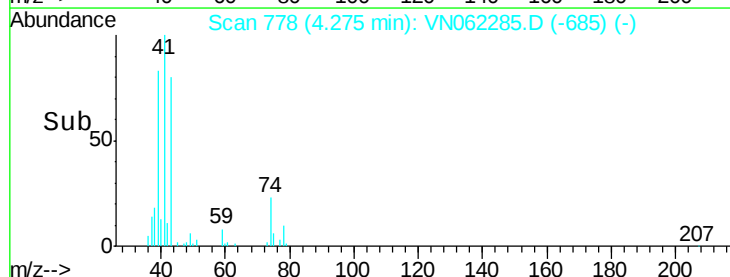


Abundance Ion 43.00 (42.70 to 43.70): VN062285.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062285.D (-685) (-)

4.27

Time-->



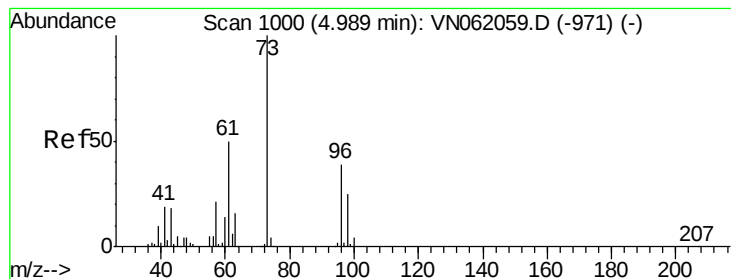
Abundance

Ion 43.00 (42.70 to 43.70): VN062285.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062285.D (-685) (-)

4.27

Time-->



#19

Methyl tert-butyl Ether

Concen: 21.263 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

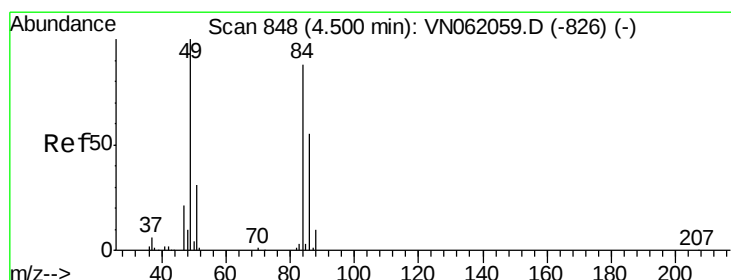
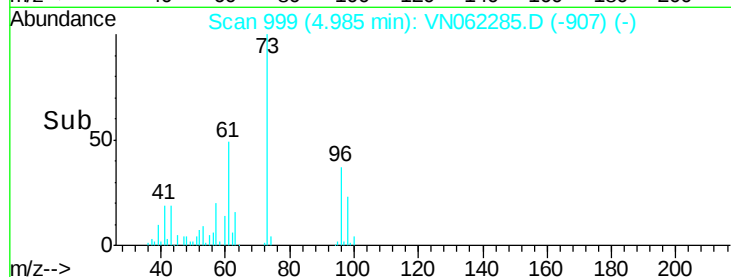
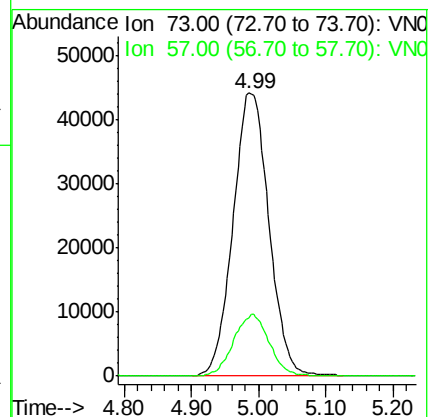
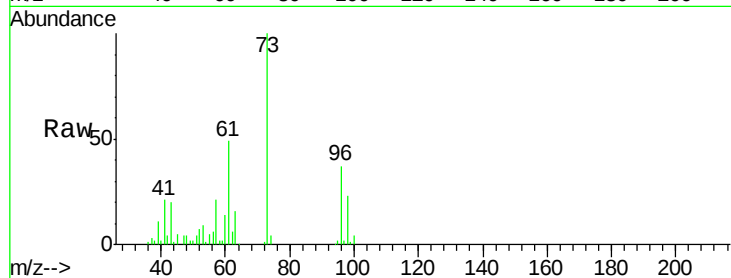
VN0701WBS01

Tgt Ion: 73 Resp: 163660

Ion Ratio Lower Upper

73 100

57 20.7 16.6 24.8



#20

Methylene Chloride

Concen: 22.354 ug/l

RT: 4.50 min Scan# 847

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion: 84 Resp: 60736

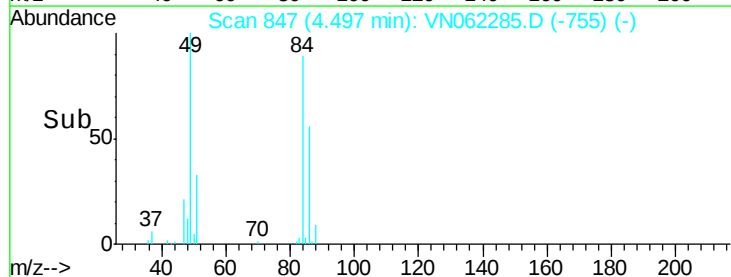
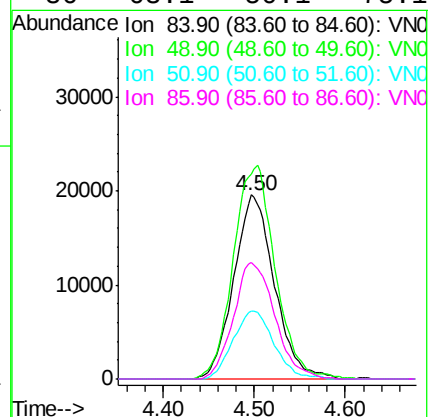
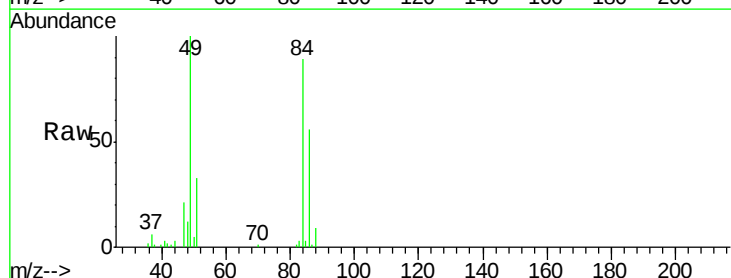
Ion Ratio Lower Upper

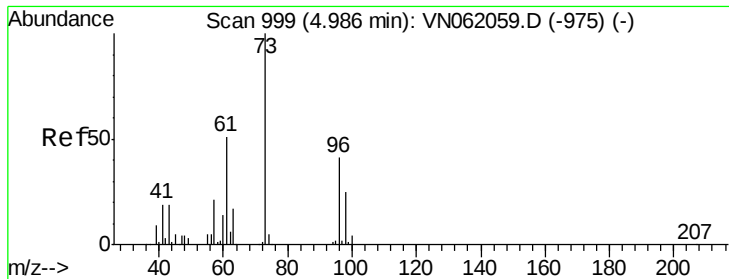
84 100

49 111.8 90.6 136.0

51 37.2 27.8 41.8

86 63.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 19.040 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

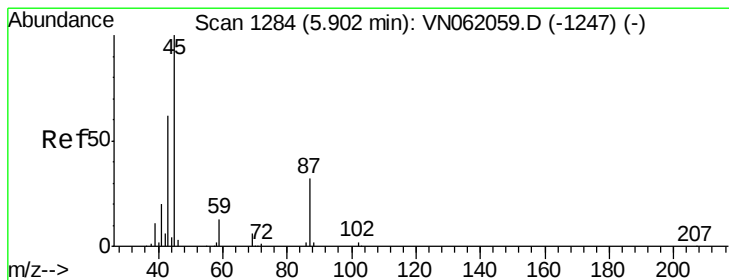
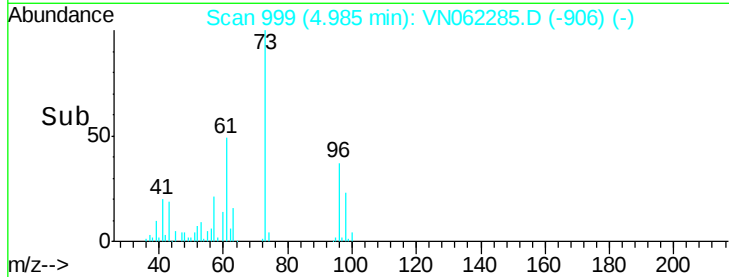
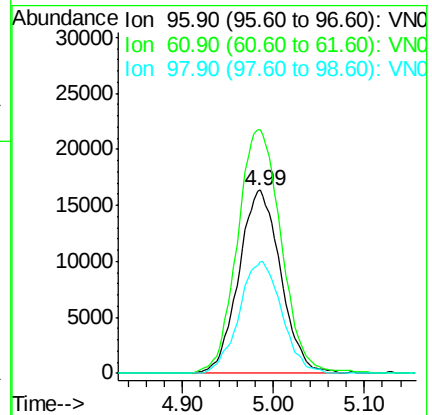
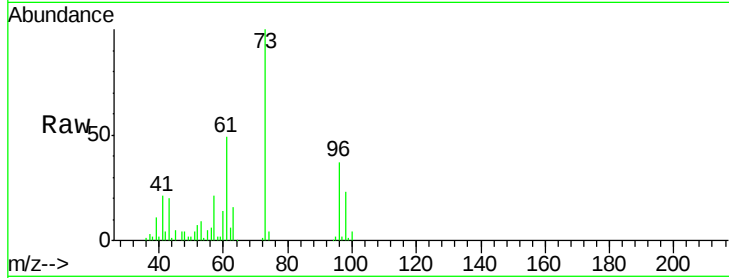
Tgt Ion: 96 Resp: 52248

Ion Ratio Lower Upper

96 100

61 132.8 101.4 152.2

98 61.1 49.3 73.9



#22

Diisopropyl ether

Concen: 22.164 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion: 45 Resp: 165499

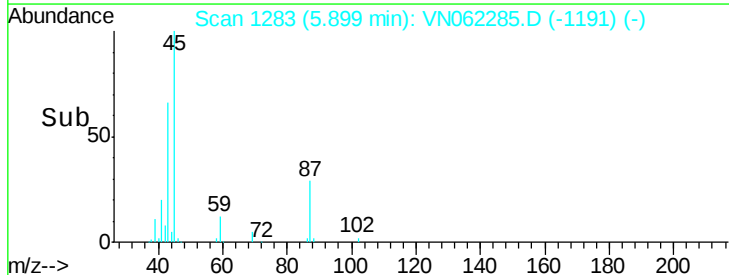
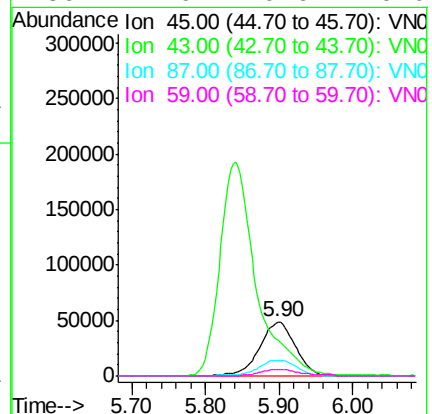
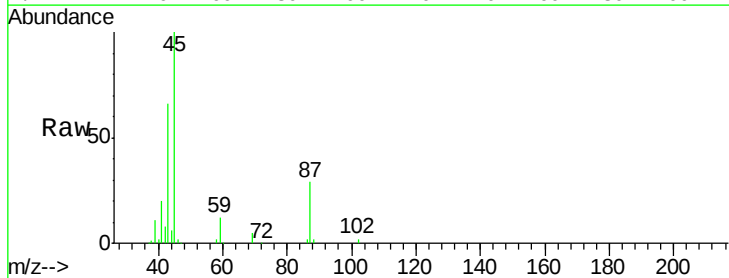
Ion Ratio Lower Upper

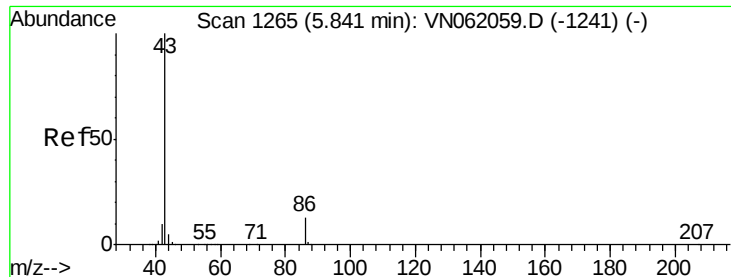
45 100

43 63.9 49.7 74.5

87 28.6 25.9 38.9

59 11.9 10.6 16.0





#23

Vinyl Acetate

Concen: 108.443 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

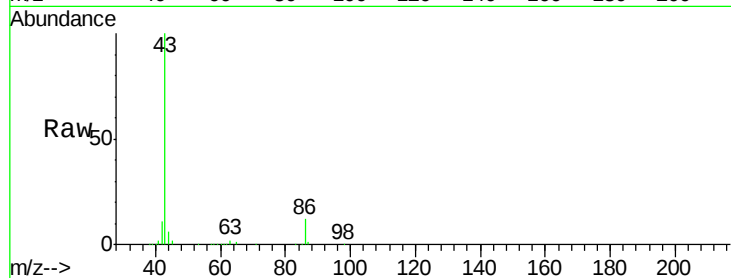
VN0701WBS01

Tgt Ion: 43 Resp: 661122

Ion Ratio Lower Upper

43 100

86 11.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062285.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062285.D (-1172) (-)

5.84

200000

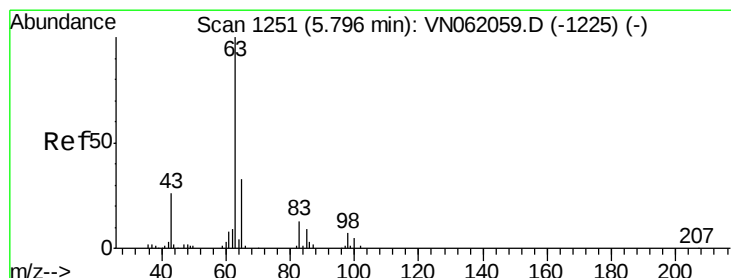
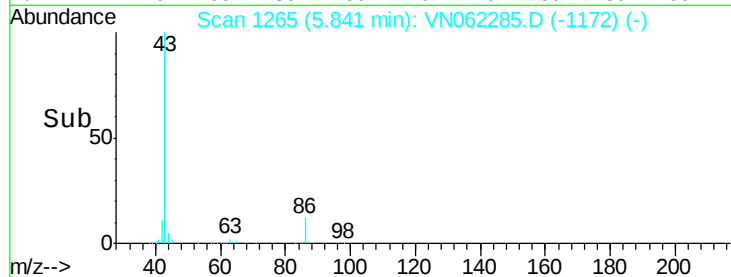
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.553 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

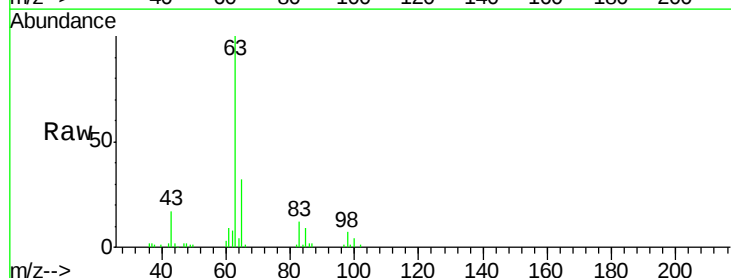
Tgt Ion: 63 Resp: 103634

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062285.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062285.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062285.D (-1158) (-)

5.79

40000

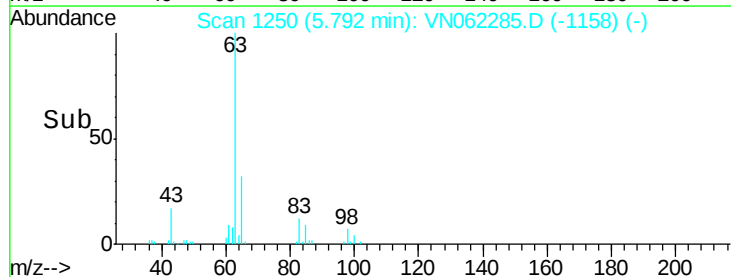
30000

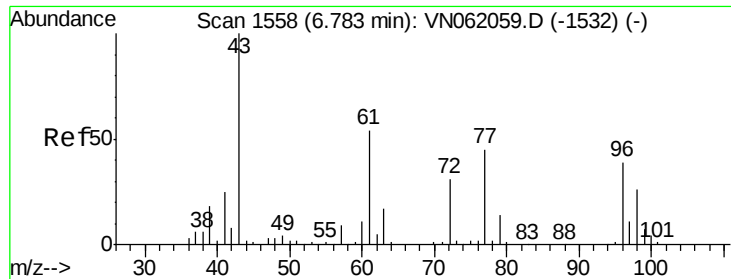
20000

10000

0

Time-->

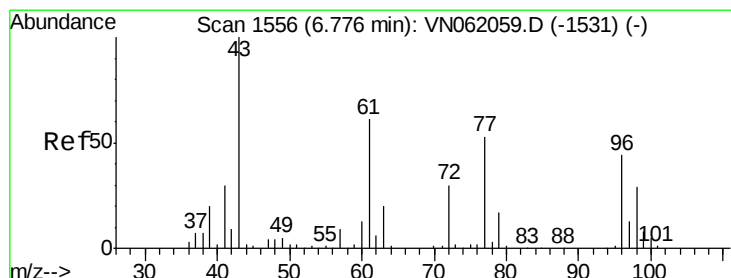
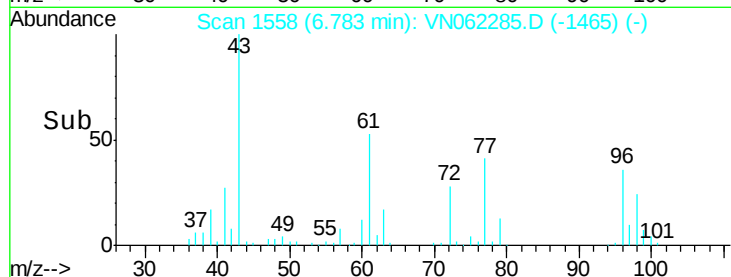
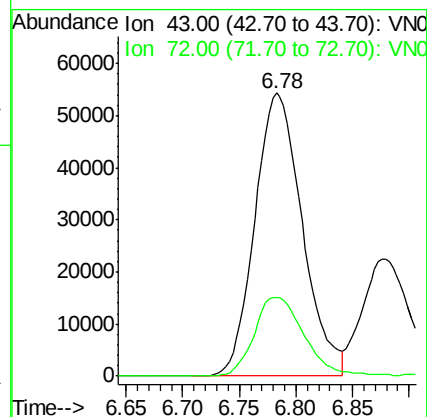
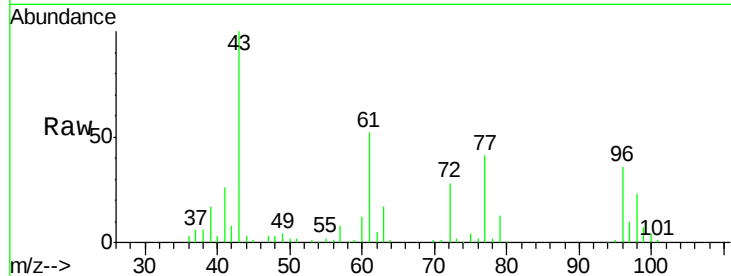




#25
2-Butanone
Concen: 109.991 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

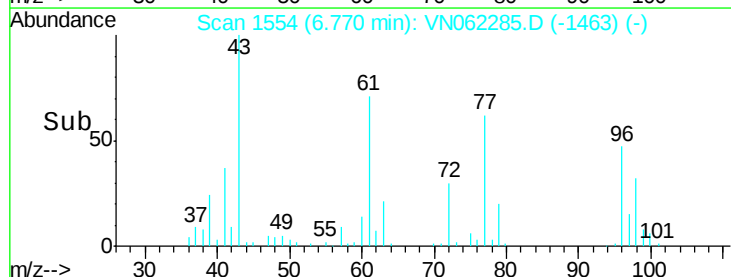
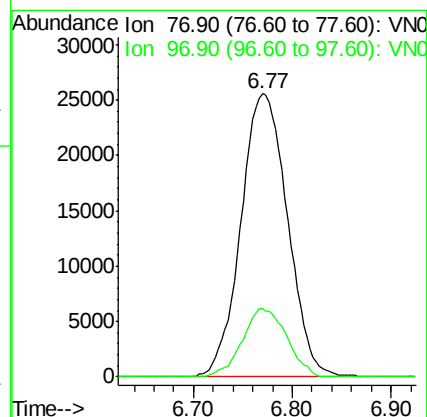
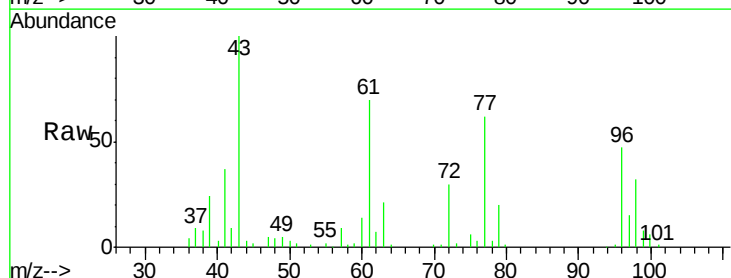
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

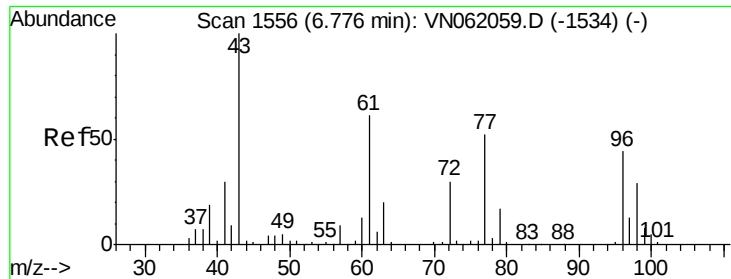
Tgt Ion: 43 Resp: 158271
Ion Ratio Lower Upper
43 100
72 27.9 24.8 37.2



#26
2,2-Dichloropropane
Concen: 20.868 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 77 Resp: 83616
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3

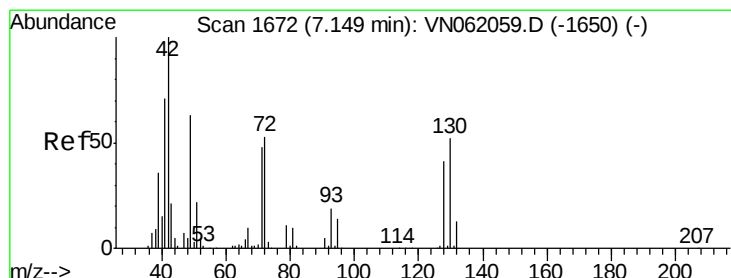
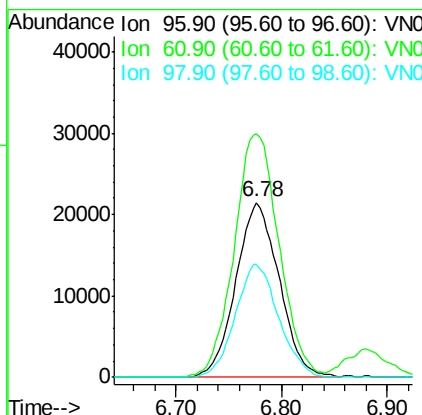
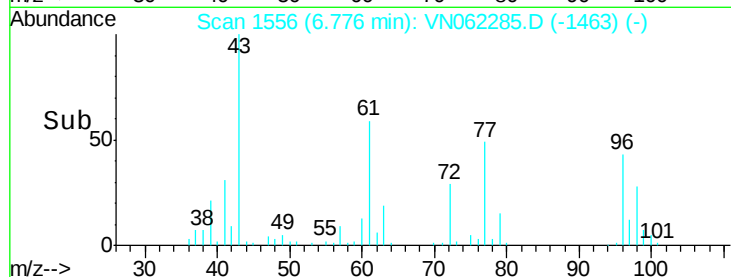
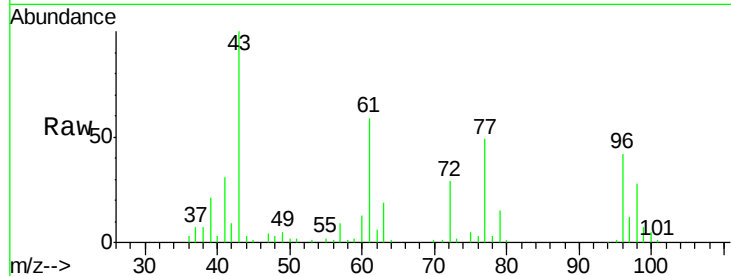




#27
 cis-1,2-Dichloroethene
 Concen: 19.871 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

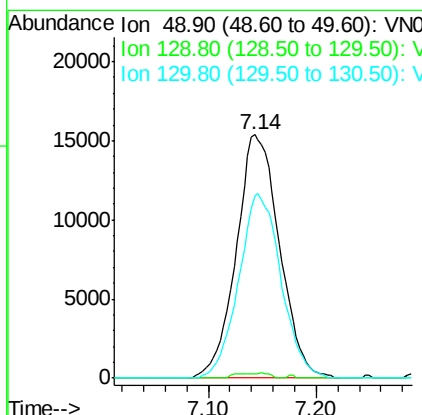
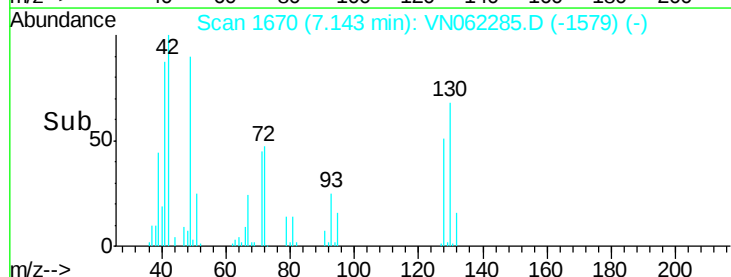
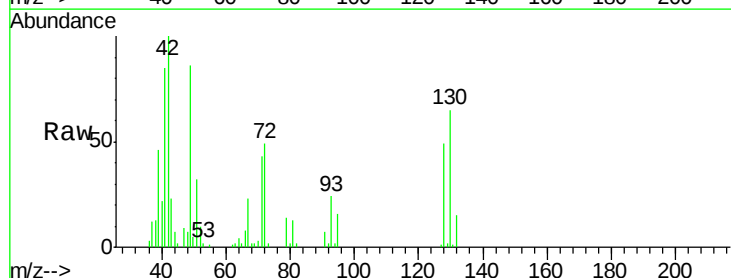
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

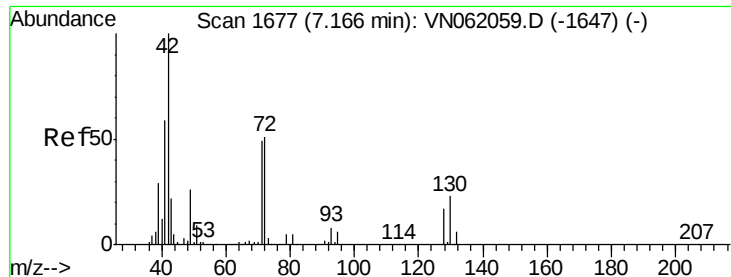
Tgt Ion: 96 Resp: 61359
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 280.4
 98 64.6 0.0 129.4



#28
 Bromochloromethane
 Concen: 20.525 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 49 Resp: 42820
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.4
 130 74.1 65.5 98.3

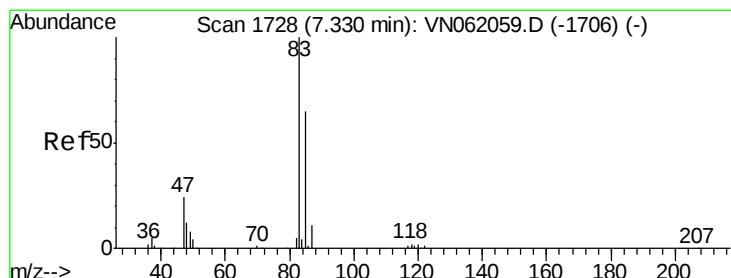
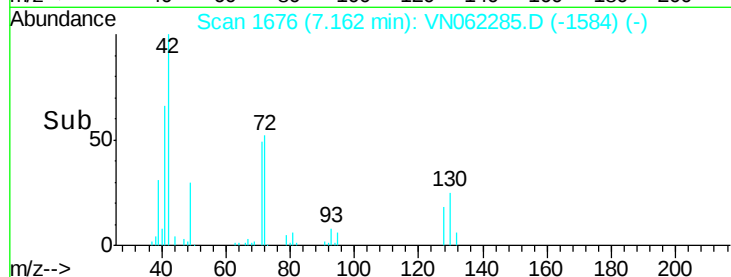
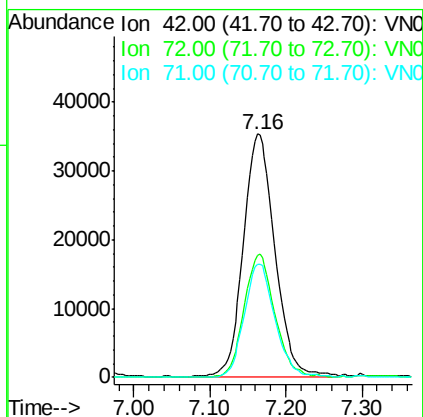
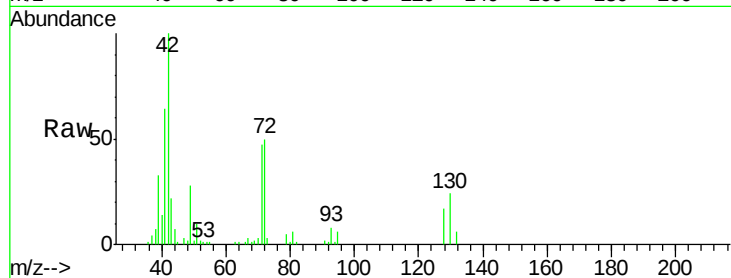




#29
Tetrahydrofuran
Concen: 109.184 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

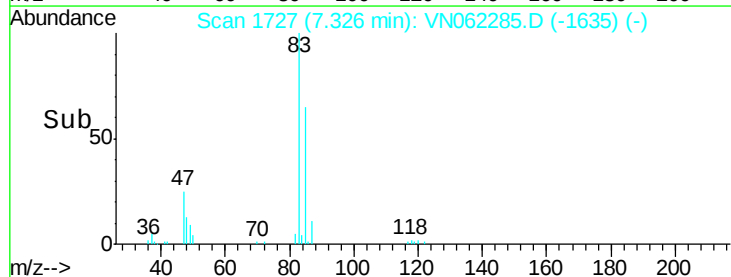
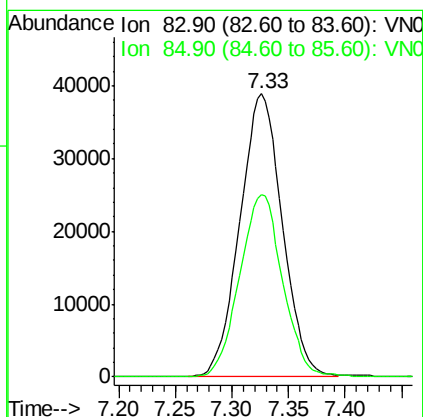
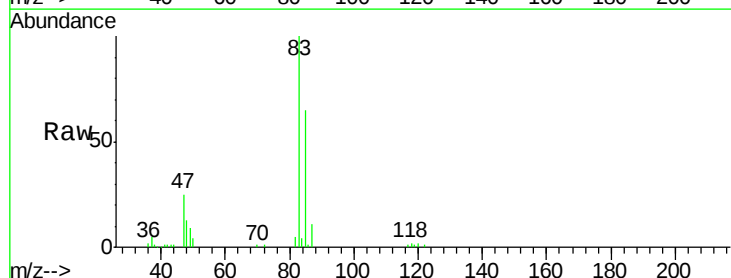
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

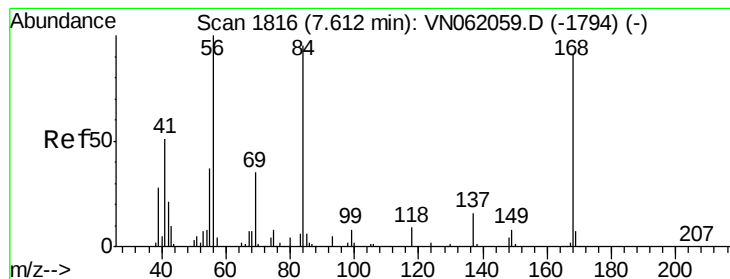
Tgt Ion: 42 Resp: 102914
Ion Ratio Lower Upper
42 100
72 48.8 41.1 61.7
71 45.1 38.2 57.4



#30
Chloroform
Concen: 20.767 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 83 Resp: 101597
Ion Ratio Lower Upper
83 100
85 64.5 52.3 78.5





#31

Cyclohexane

Concen: 20.699 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

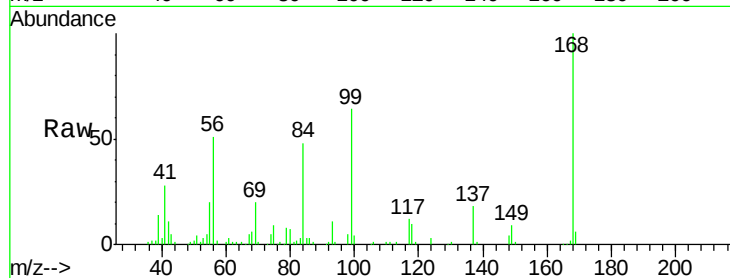
Tgt Ion: 56 Resp: 84188

Ion Ratio Lower Upper

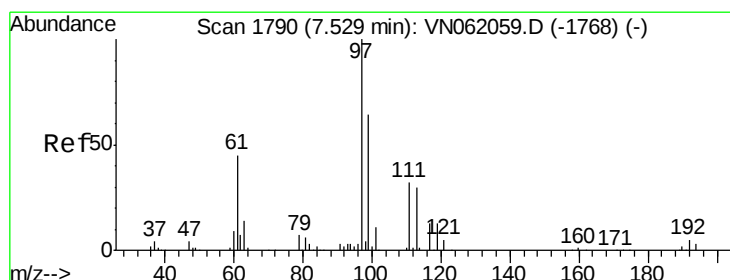
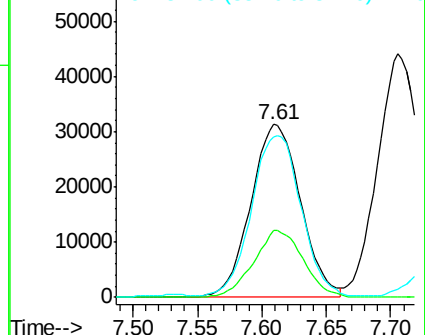
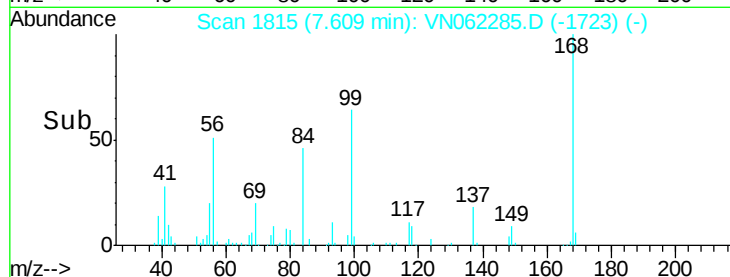
56 100

69 38.5 28.0 42.0

84 91.6 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062285.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 19.925 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

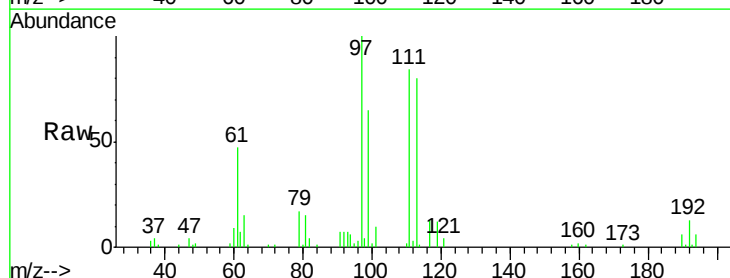
Tgt Ion: 97 Resp: 82204

Ion Ratio Lower Upper

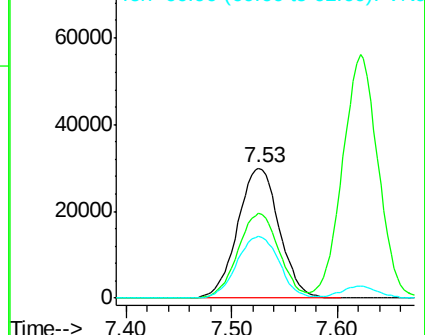
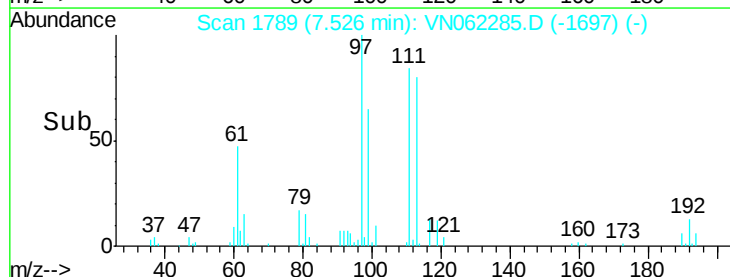
97 100

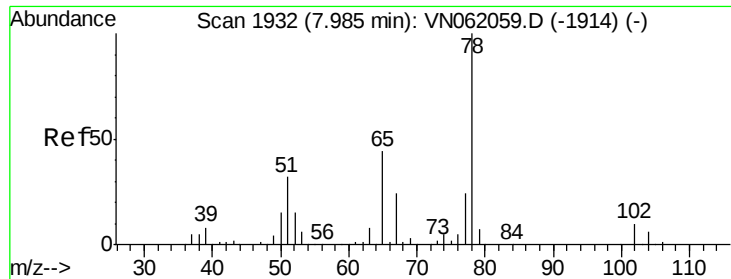
99 64.8 51.0 76.4

61 48.1 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN062285.D (-1697) (-)

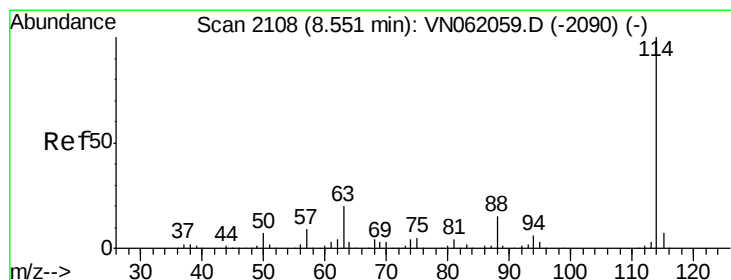
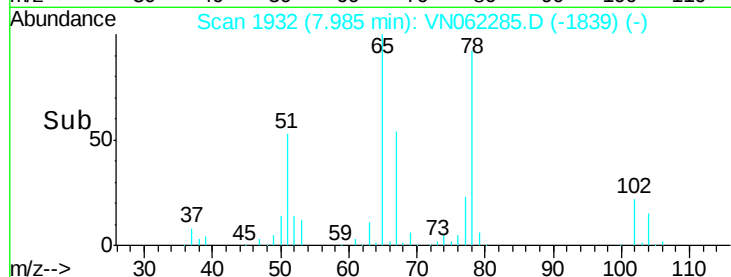
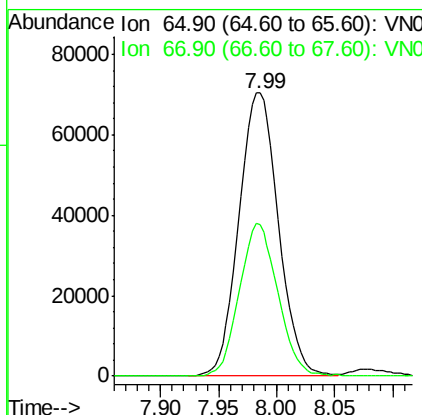
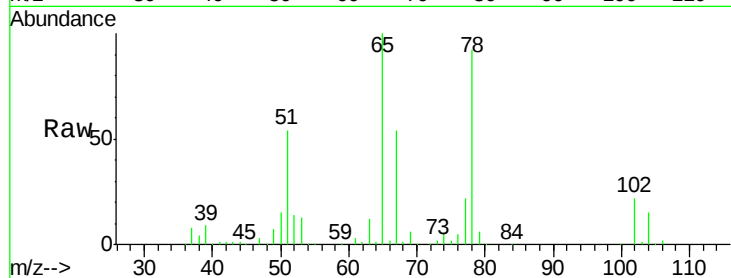




#33
 1,2-Dichloroethane-d4
 Concen: 56.856 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

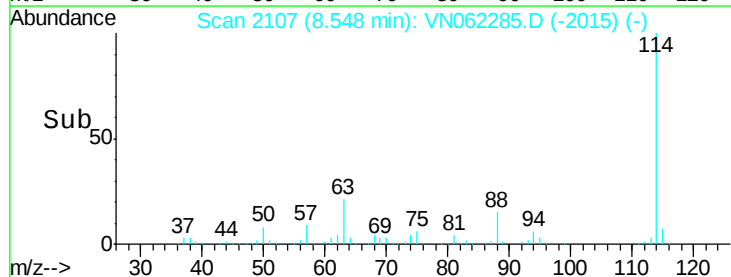
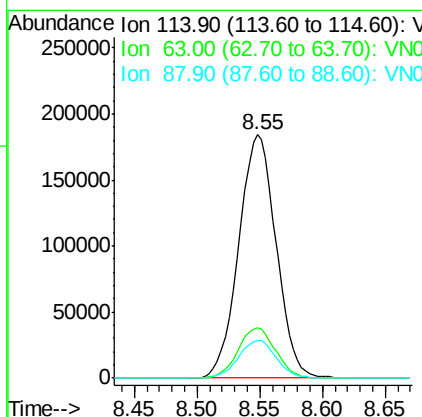
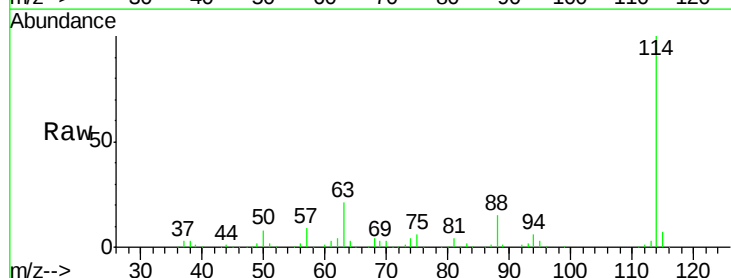
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

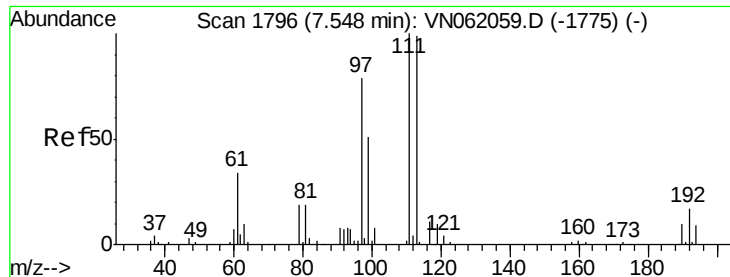
Tgt Ion: 65 Resp: 167379
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 114 Resp: 381922
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 15.4 0.0 30.8

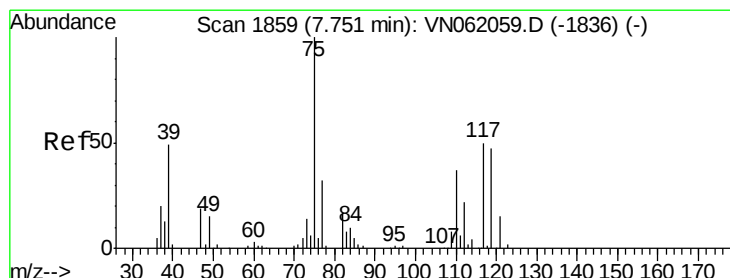
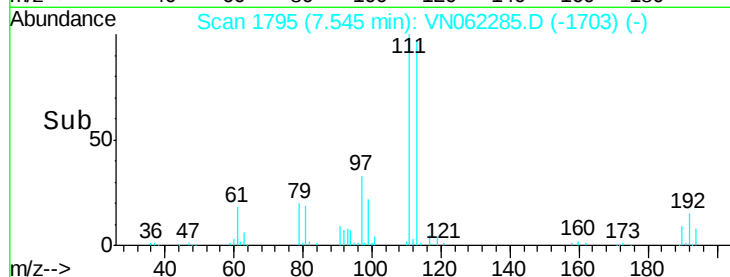
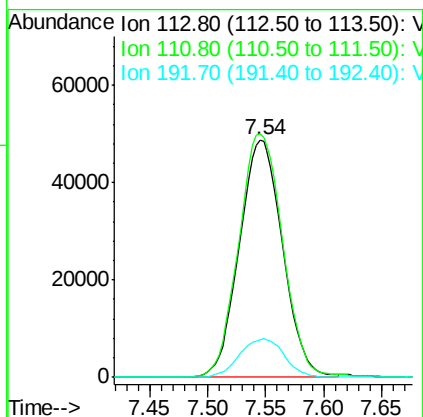
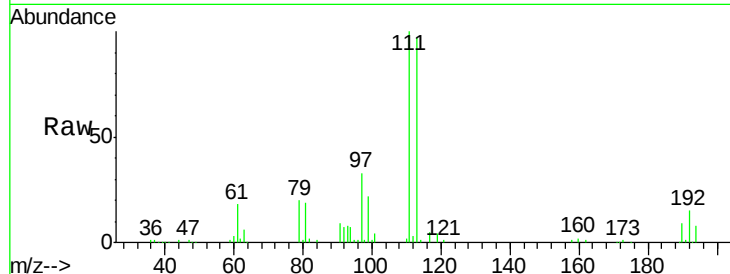




#35
 Dibromofluoromethane
 Concen: 51.625 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

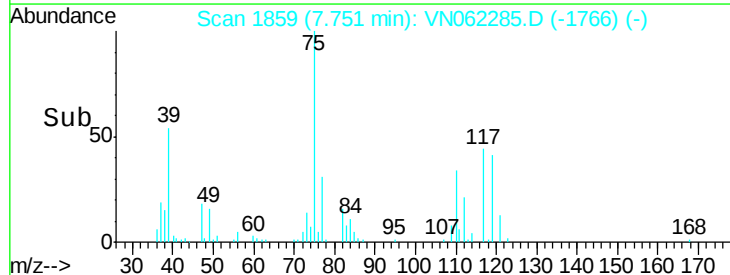
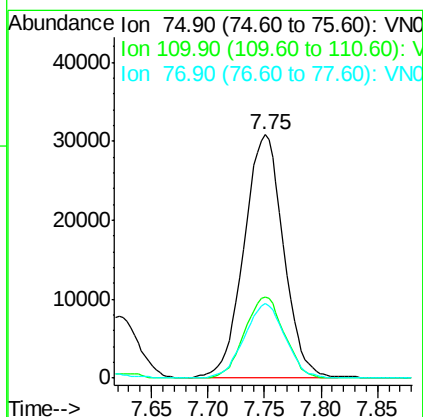
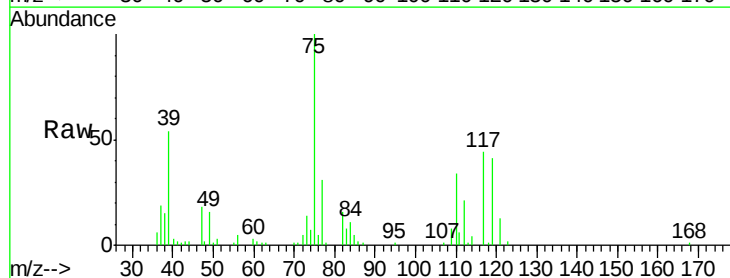
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

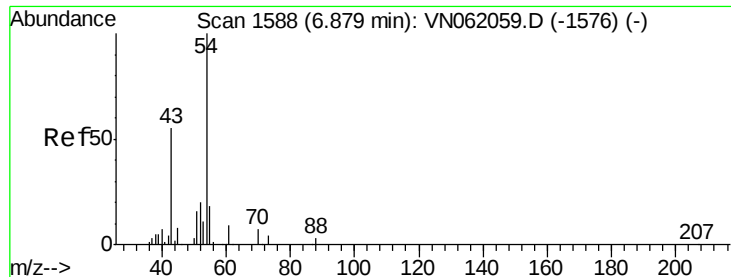
Tgt Ion: 113 Resp: 126491
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.2 123.4
 192 16.7 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 19.569 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 75 Resp: 75123
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.9 53.8
 77 31.4 24.9 37.3

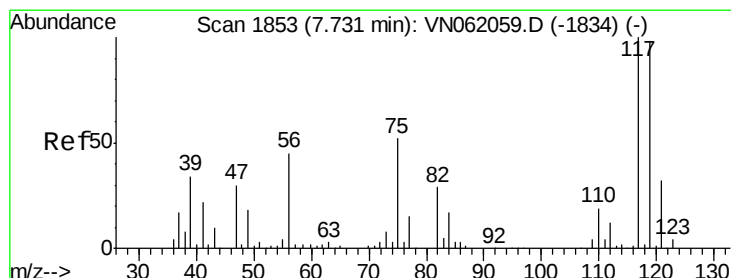
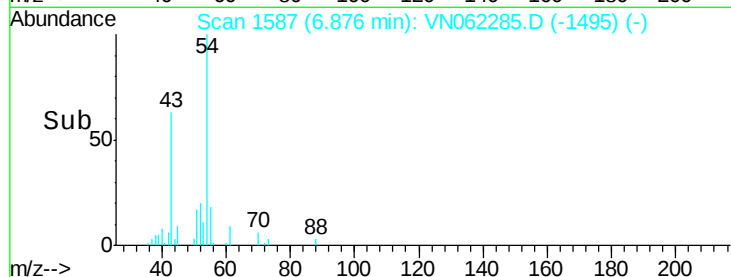
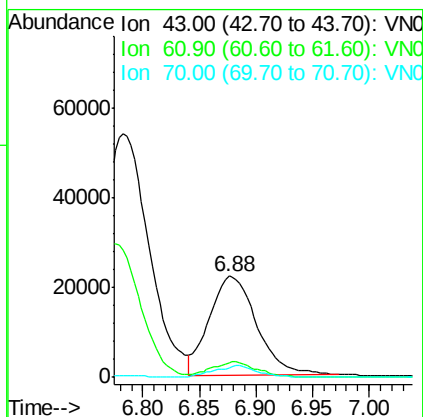
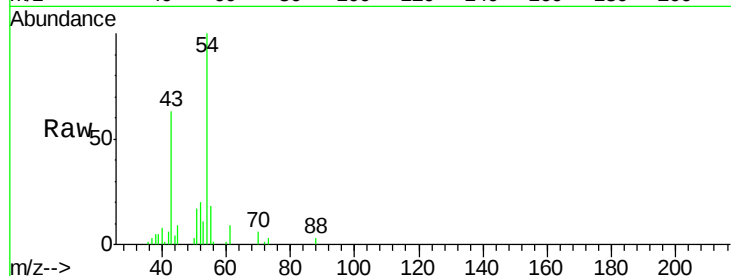




#37
 Ethyl Acetate
 Concen: 20.372 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

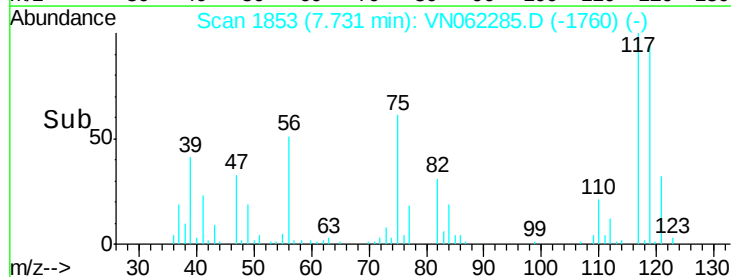
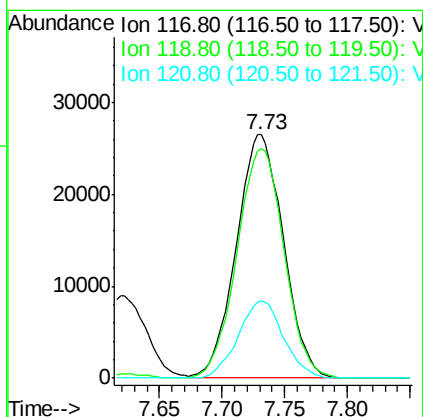
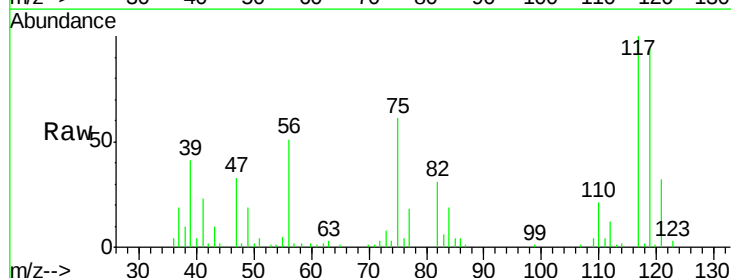
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

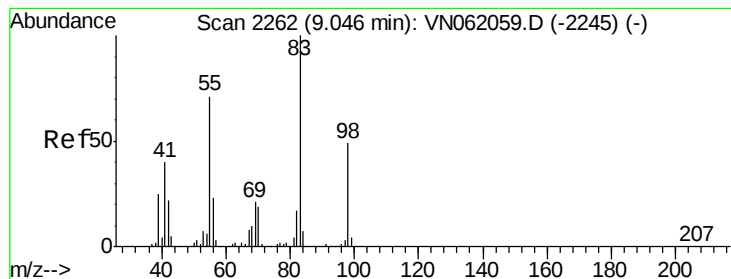
Tgt Ion: 43 Resp: 64758
 Ion Ratio Lower Upper
 43 100
 61 15.3 12.0 18.0
 70 11.0 9.6 14.4



#38
 Carbon Tetrachloride
 Concen: 19.091 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 117 Resp: 69093
 Ion Ratio Lower Upper
 117 100
 119 94.4 78.2 117.2
 121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 19.753 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

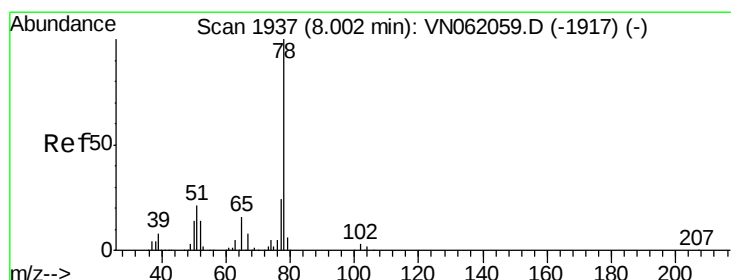
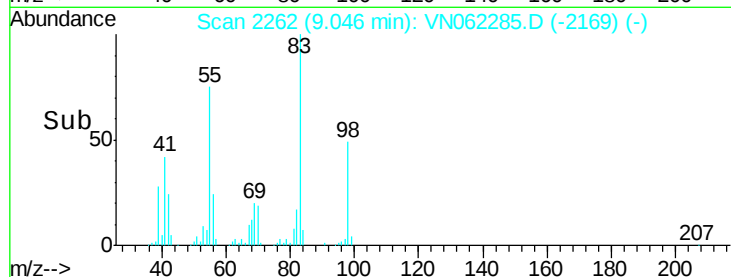
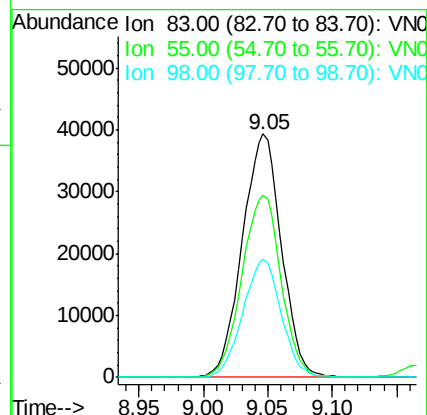
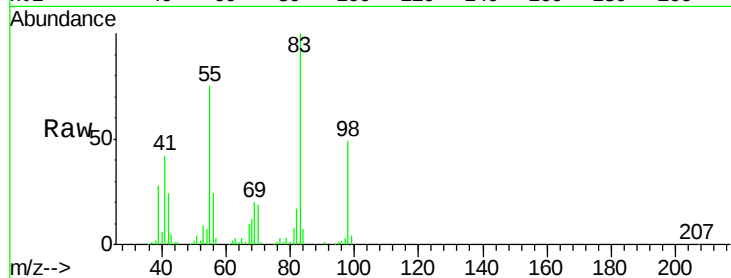
Tgt Ion: 83 Resp: 83087

Ion Ratio Lower Upper

83 100

55 74.7 57.0 85.6

98 48.6 39.0 58.6



#40

Benzene

Concen: 19.890 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062285.D

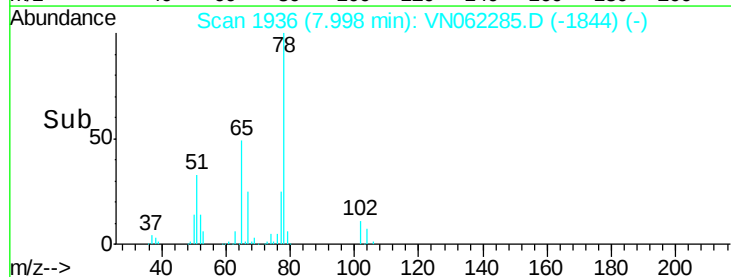
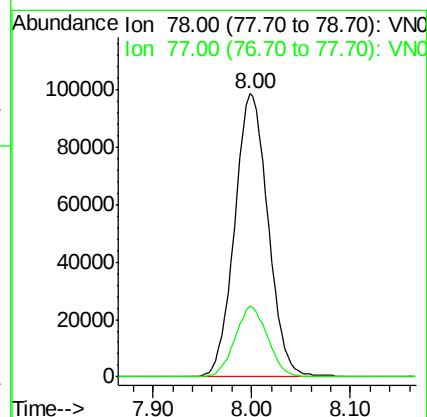
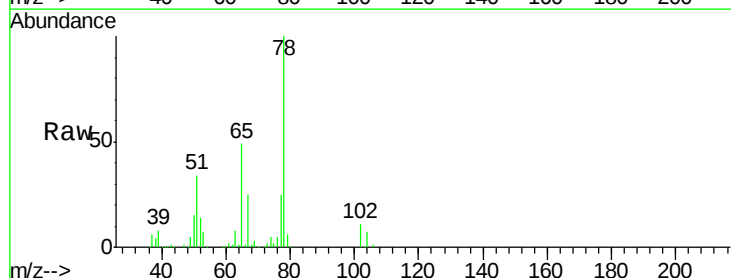
Acq: 1 Jul 2020 12:19

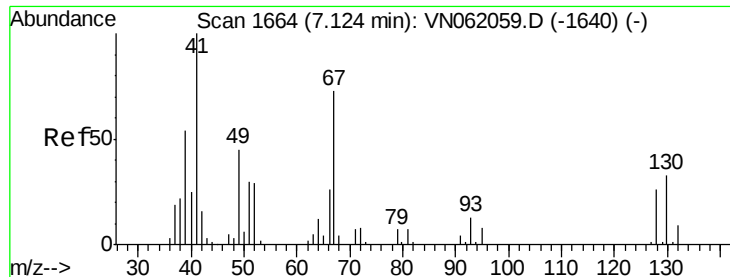
Tgt Ion: 78 Resp: 232724

Ion Ratio Lower Upper

78 100

77 25.0 19.5 29.3

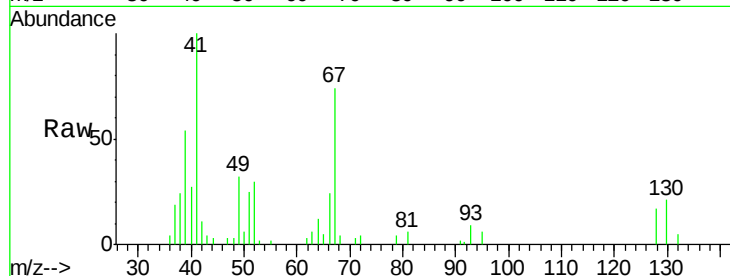




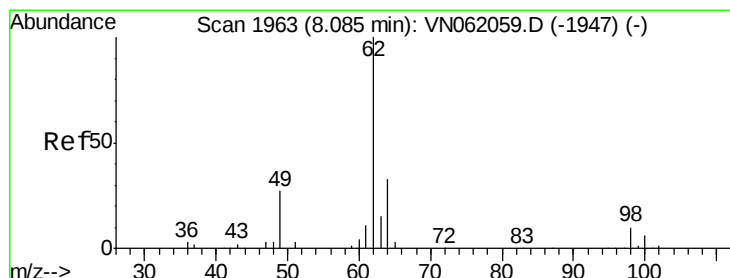
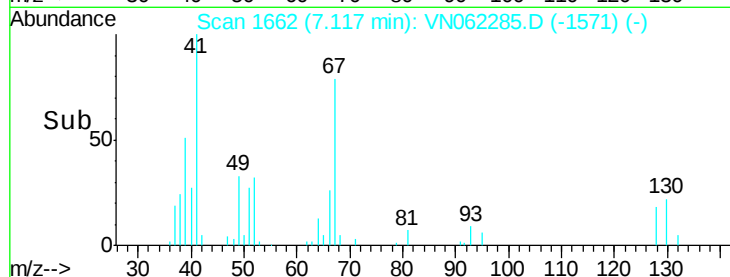
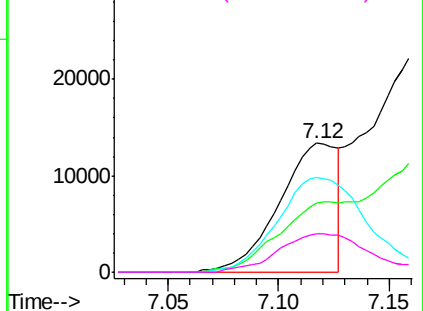
#41
Methacrylonitrile
Concen: 16.670 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

Tgt Ion: 41 Resp: 24567
Ion Ratio Lower Upper
41 100
39 55.4 44.2 66.2
67 114.2 79.5 119.3
52 47.5 32.3 48.5

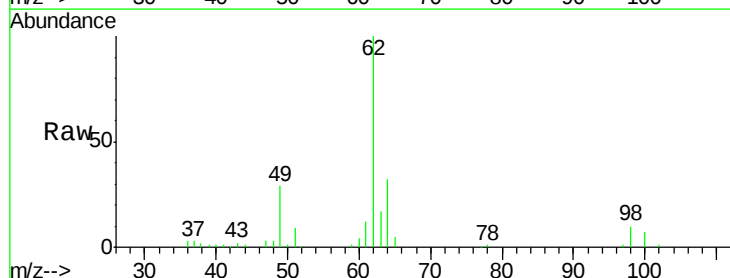


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

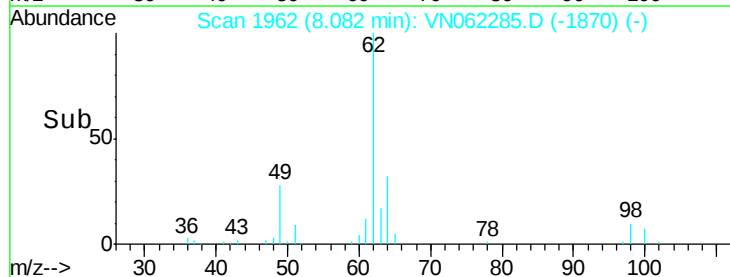
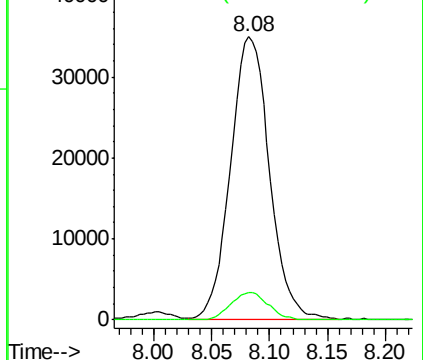


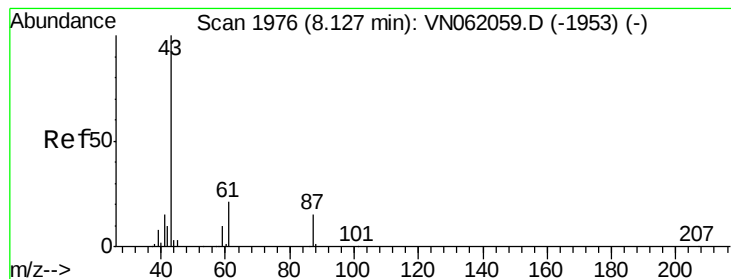
#42
1,2-Dichloroethane
Concen: 20.672 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 62 Resp: 81723
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 20.922 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

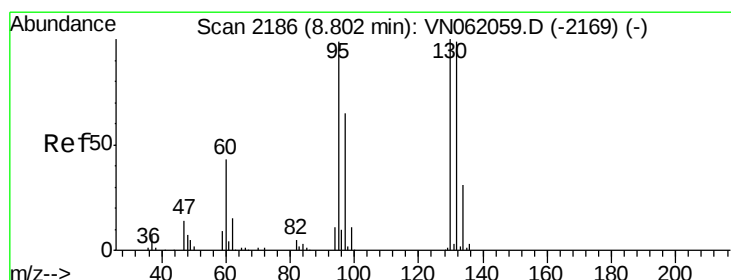
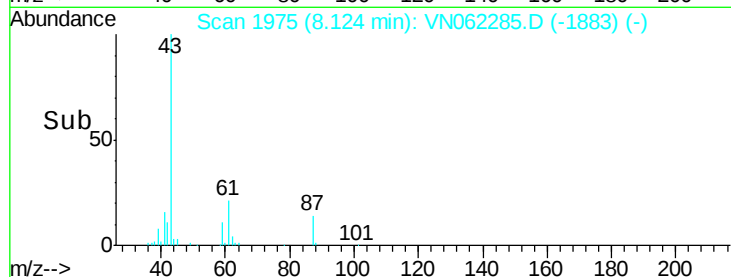
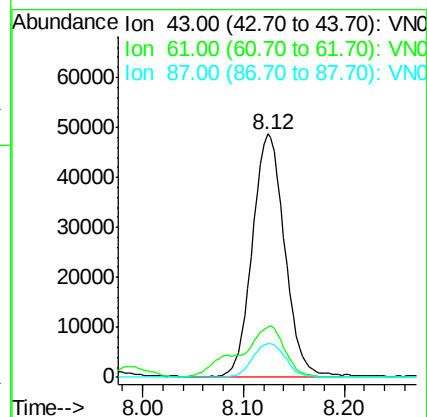
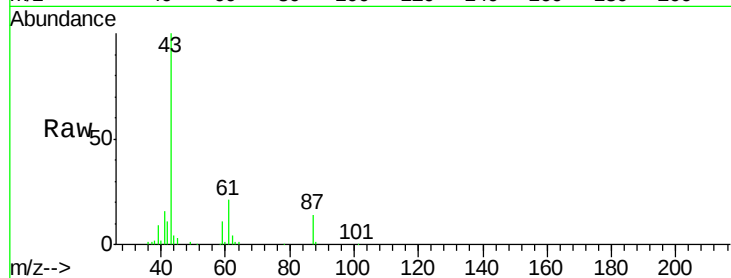
Tgt Ion: 43 Resp: 108418

Ion Ratio Lower Upper

43 100

61 29.7 17.2 25.8#

87 14.1 12.1 18.1



#44

Trichloroethene

Concen: 18.397 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062285.D

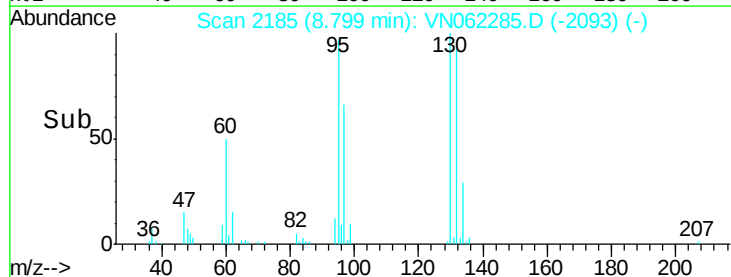
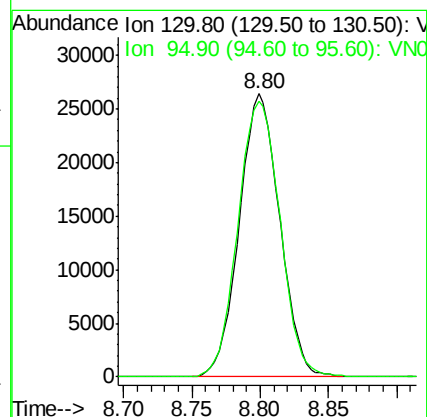
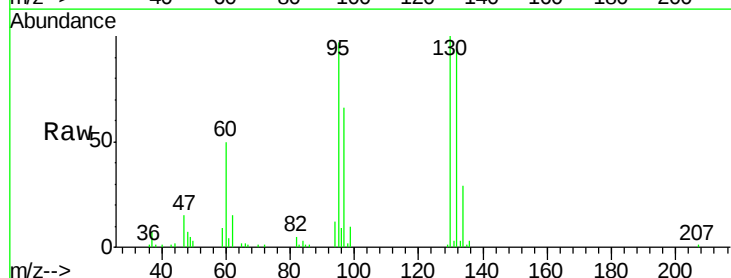
Acq: 1 Jul 2020 12:19

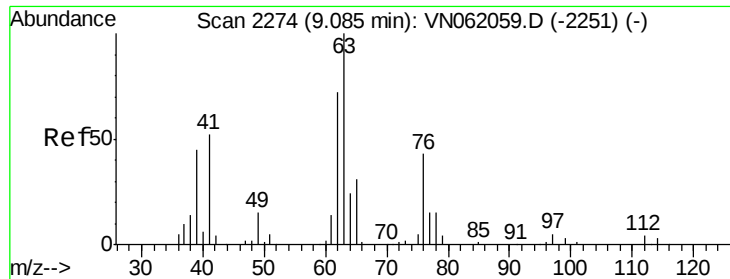
Tgt Ion: 130 Resp: 54301

Ion Ratio Lower Upper

130 100

95 97.4 0.0 197.8

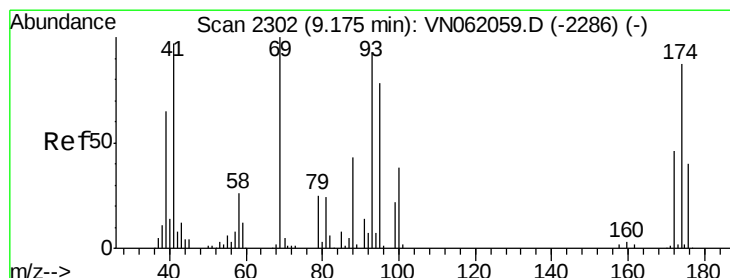
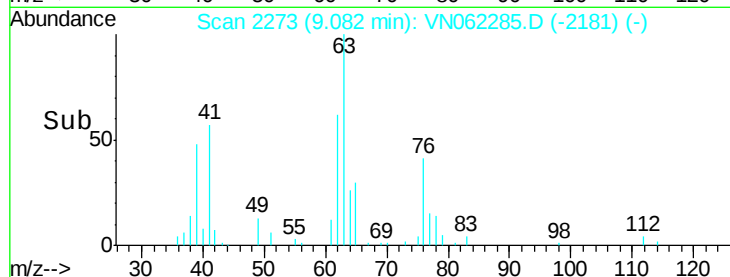
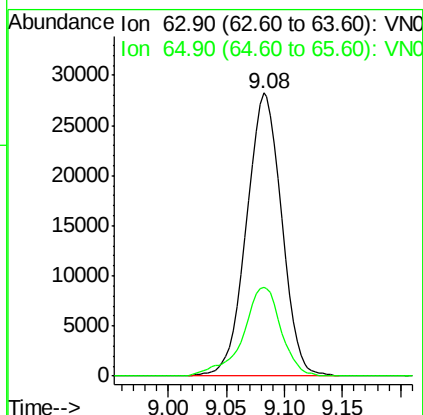
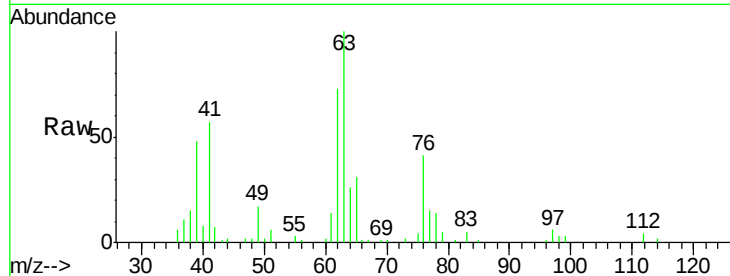




#45
 1,2-Dichloropropane
 Concen: 20.731 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

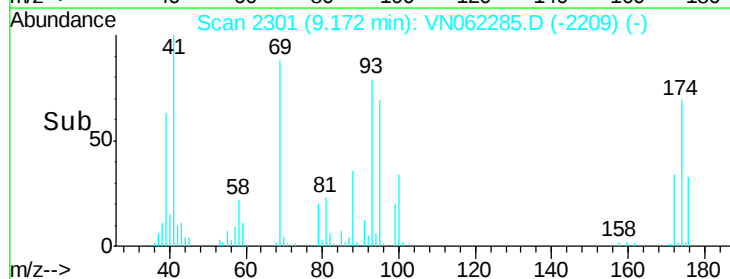
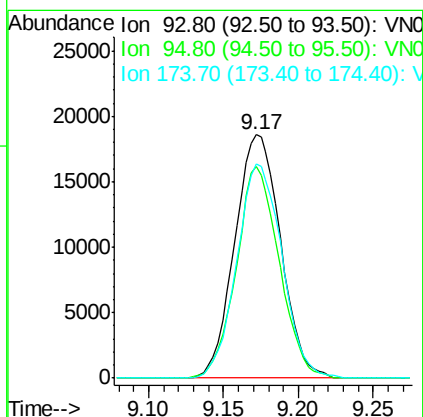
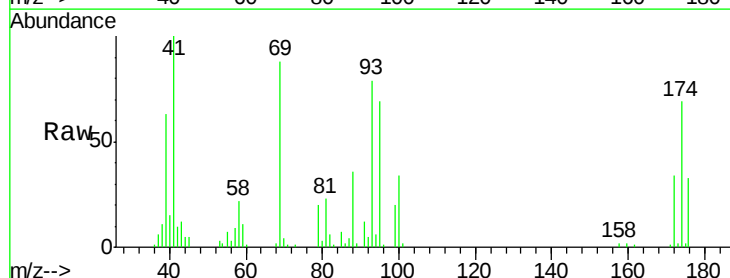
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

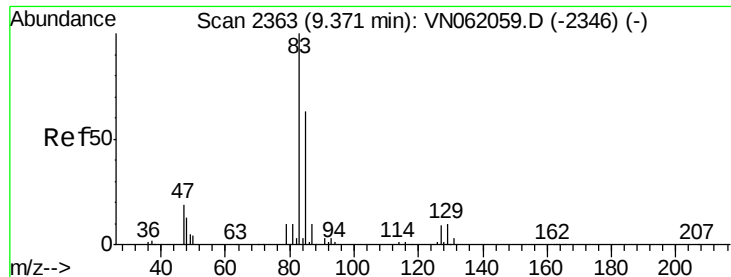
Tgt Ion: 63 Resp: 59844
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 20.231 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 93 Resp: 39595
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.0 100.6
 174 86.7 74.4 111.6

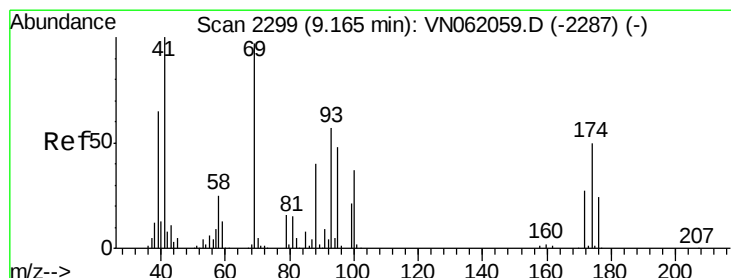
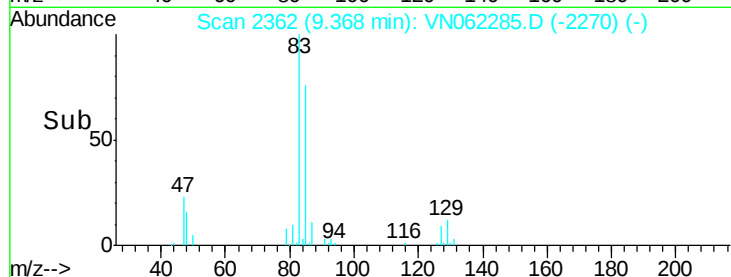
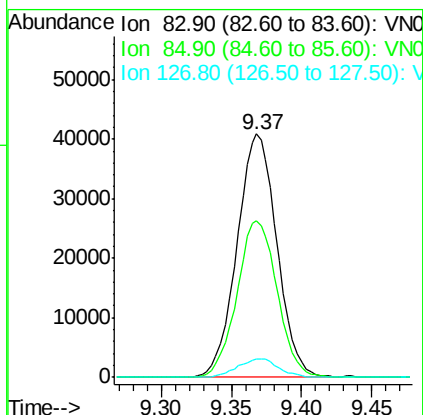
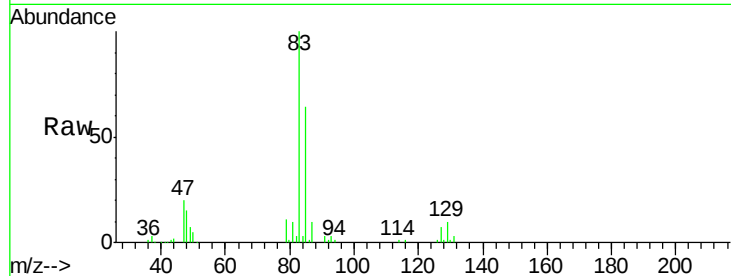




#47
 Bromodichloromethane
 Concen: 20.449 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

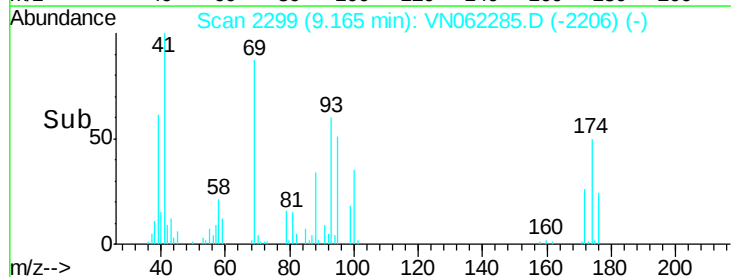
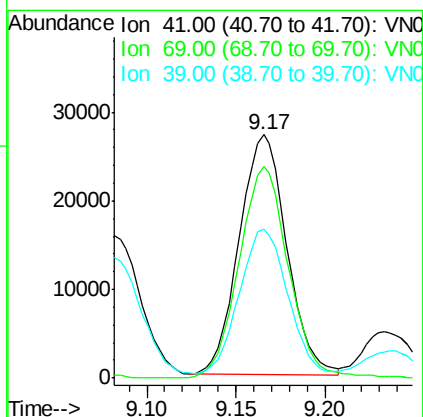
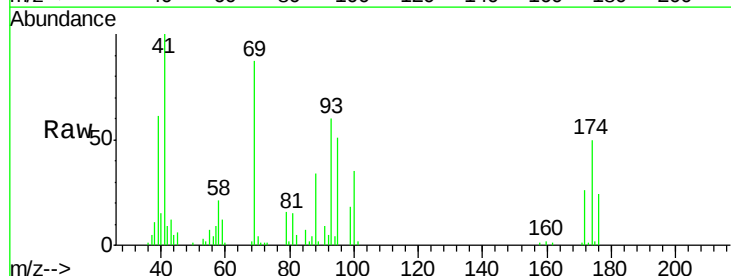
Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tgt Ion: 83 Resp: 80810
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.3 75.5
 127 7.4 6.9 10.3



#48
 Methyl methacrylate
 Concen: 21.717 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 41 Resp: 50458
 Ion Ratio Lower Upper
 41 100
 69 91.3 80.7 121.1
 39 64.1 54.5 81.7

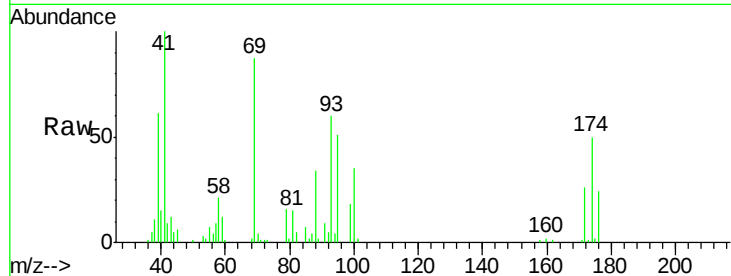




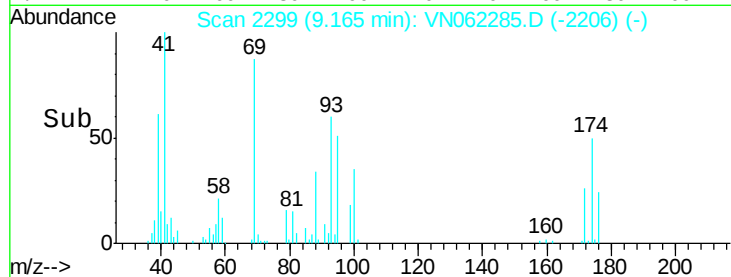
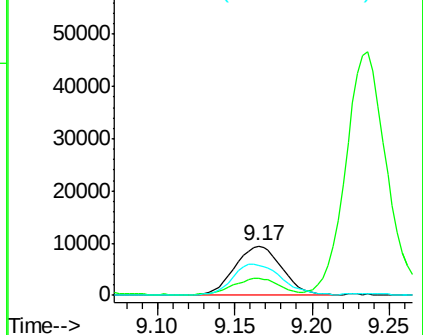
#49
 1,4-Dioxane
 Concen: 388.527 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Tgt Ion: 88 Resp: 20019
 Ion Ratio Lower Upper
 88 100
 43 35.4 22.0 33.0#
 58 66.0 49.2 73.8

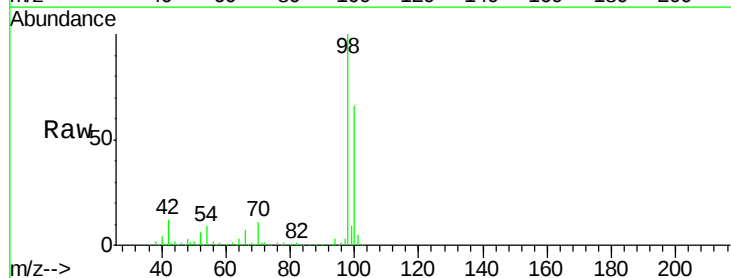


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

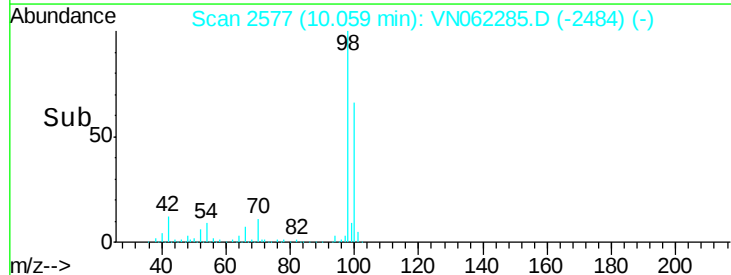
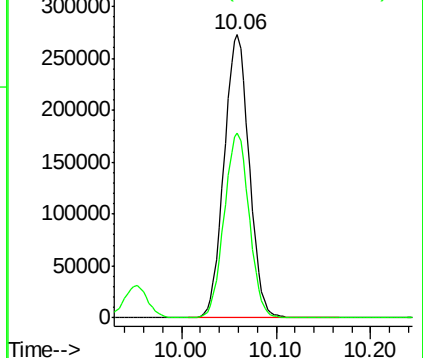


#50
 Toluene-d8
 Concen: 51.349 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 98 Resp: 502924
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.2 76.8



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

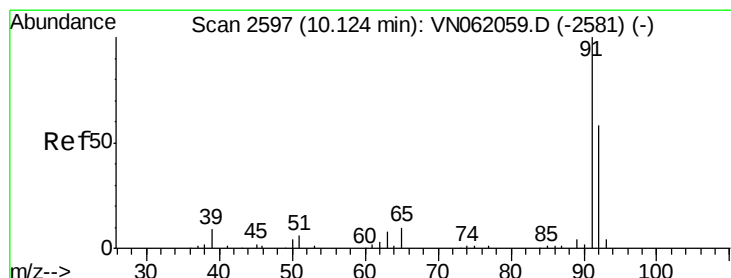
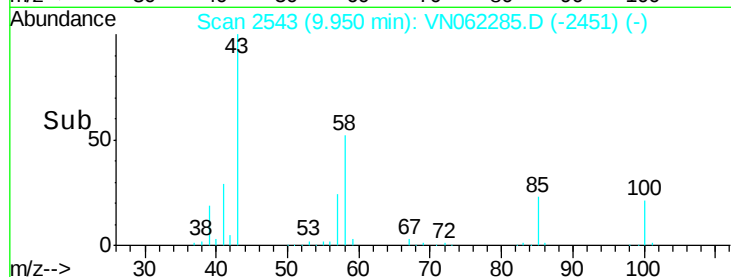
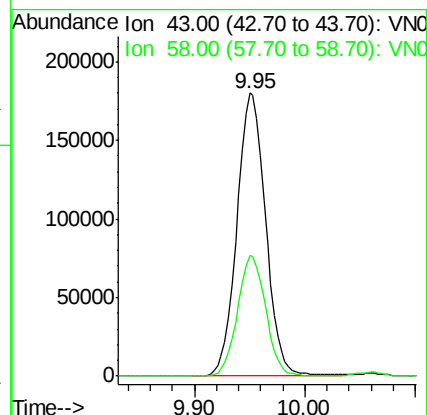
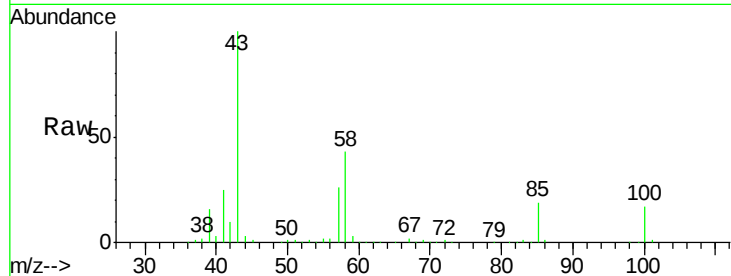




#51
4-Methyl-2-Pentanone
Concen: 107.308 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

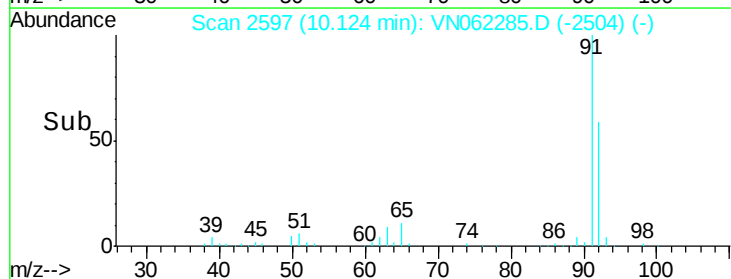
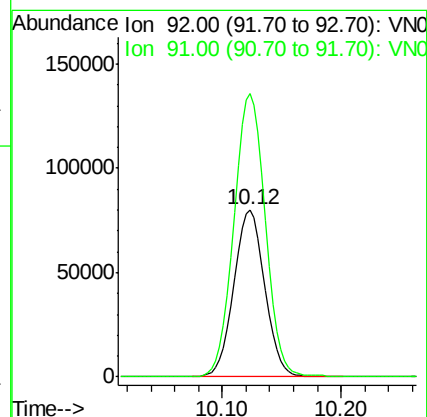
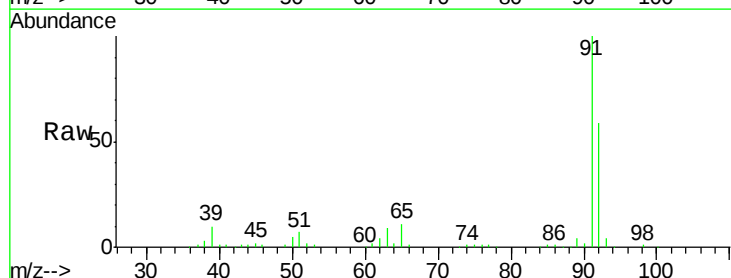
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

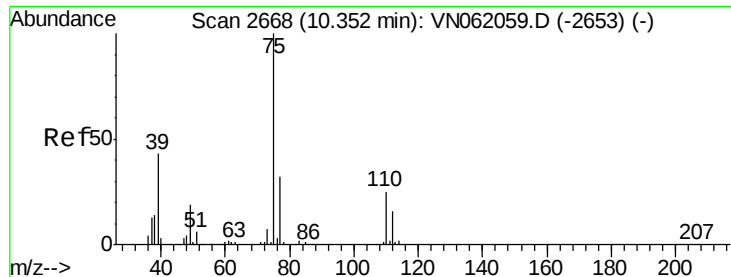
Tgt Ion: 43 Resp: 324886
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.2



#52
Toluene
Concen: 20.202 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 92 Resp: 144225
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.924 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

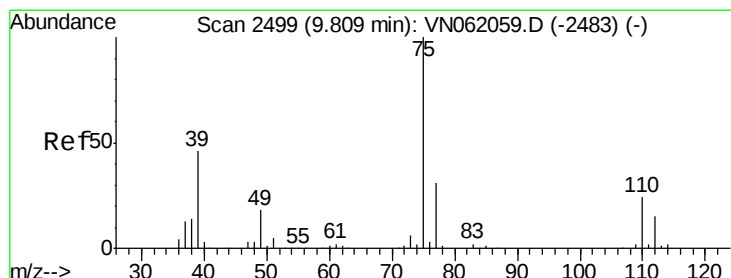
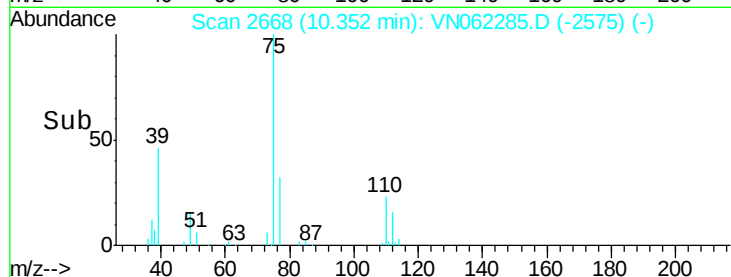
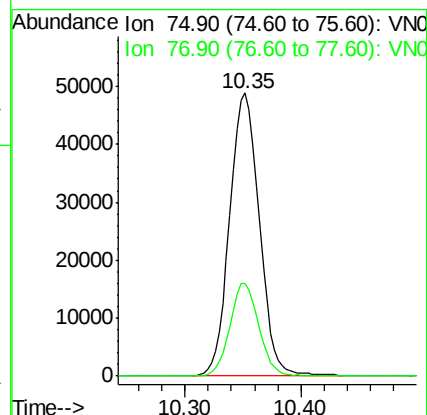
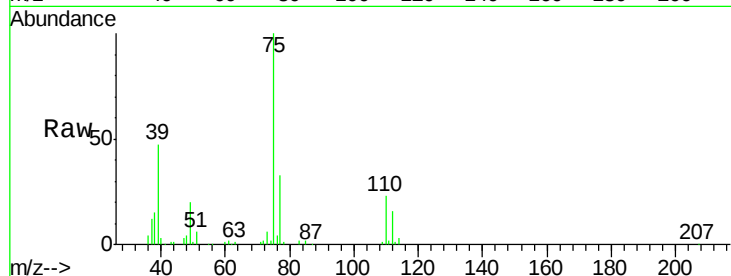
VN0701WBS01

Tgt Ion: 75 Resp: 86622

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.686 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

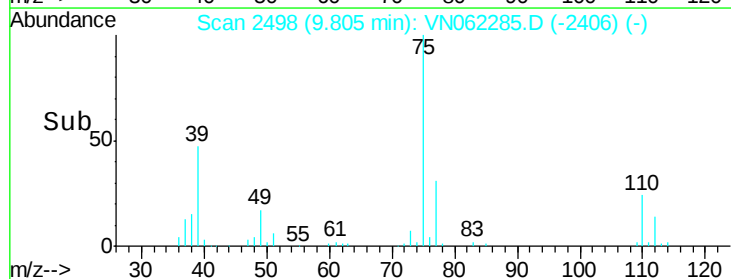
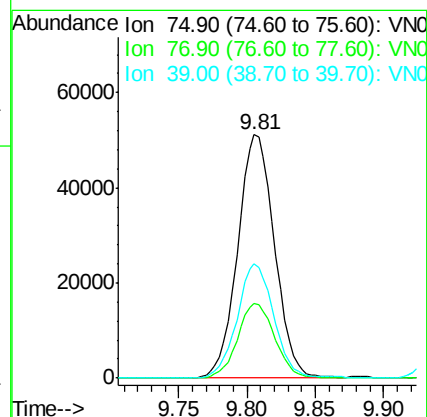
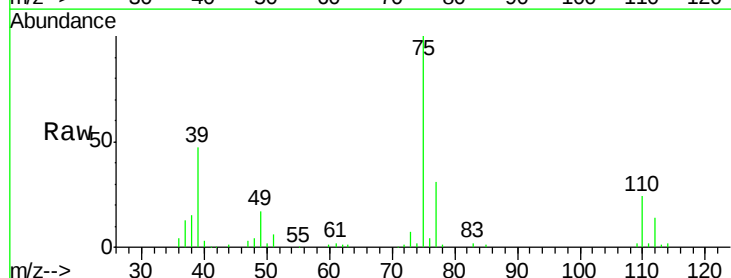
Tgt Ion: 75 Resp: 95748

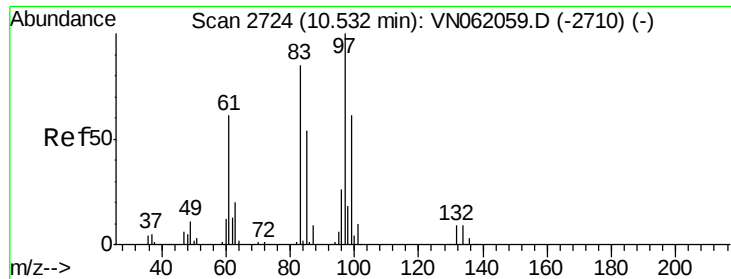
Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.6

39 46.8 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 20.331 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

Tgt Ion: 97 Resp: 57056

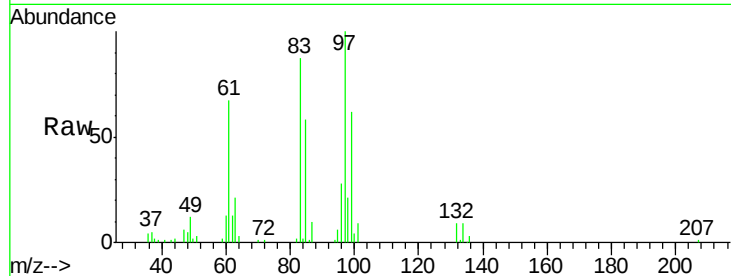
Ion Ratio Lower Upper

97 100

83 87.3 68.2 102.2

85 57.9 43.2 64.8

99 61.8 48.5 72.7

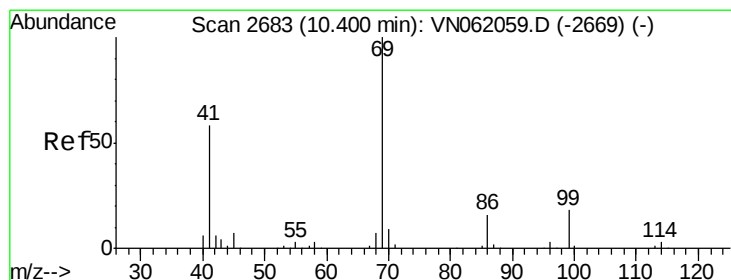
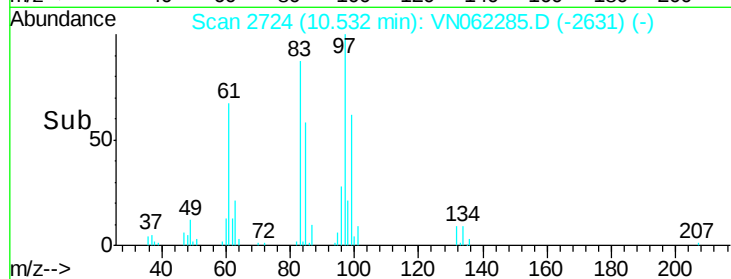
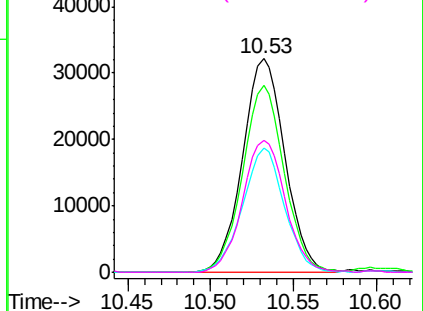


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 20.385 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

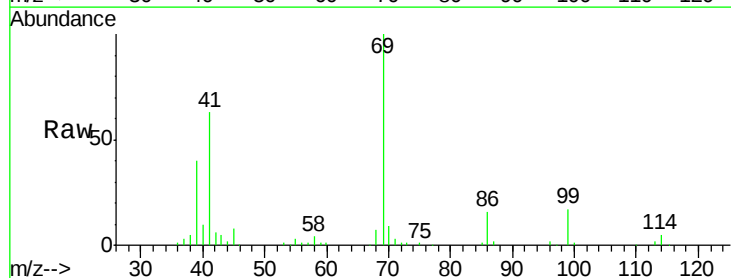
Tgt Ion: 69 Resp: 76346

Ion Ratio Lower Upper

69 100

41 61.0 46.6 70.0

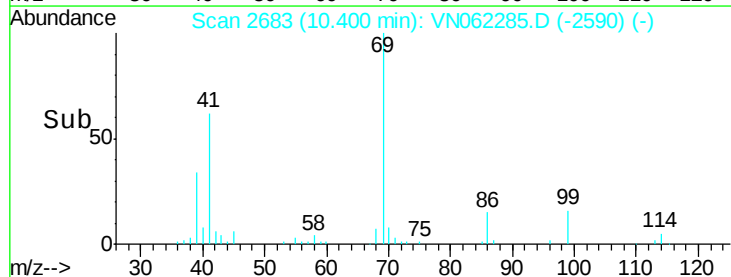
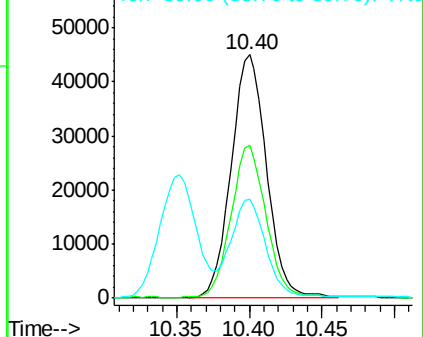
39 39.4 31.0 46.4

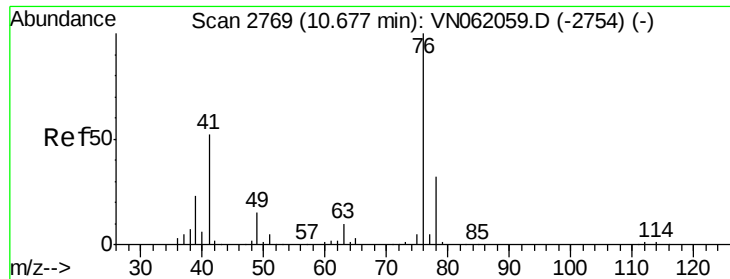


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

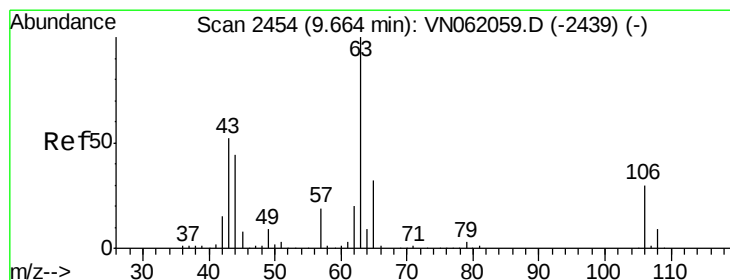
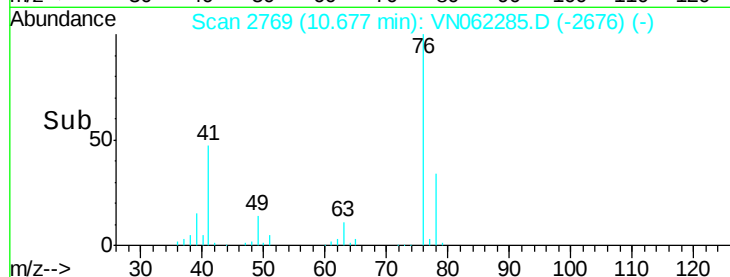
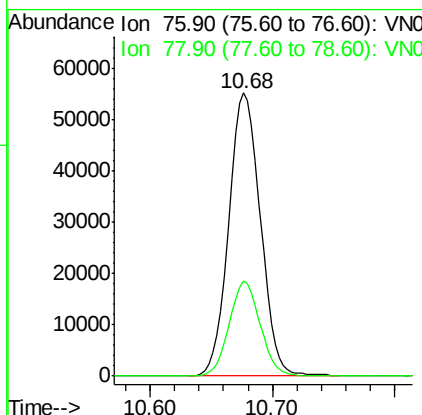
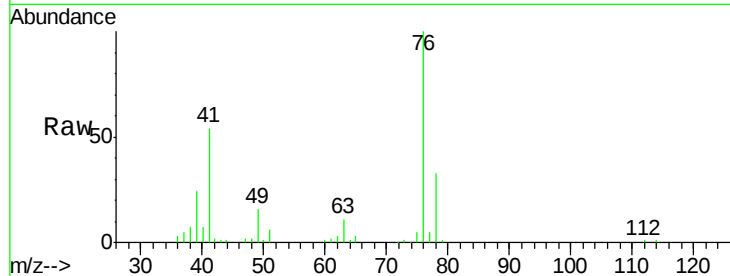




#57
 1,3-Dichloropropane
 Concen: 20.690 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

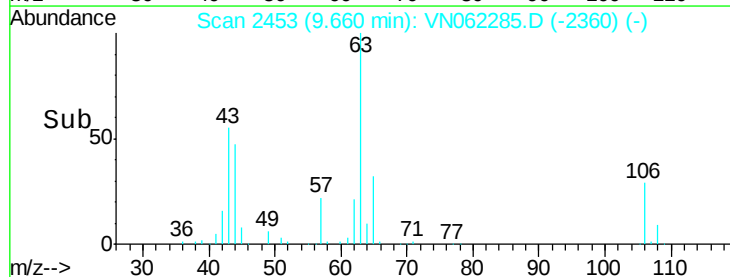
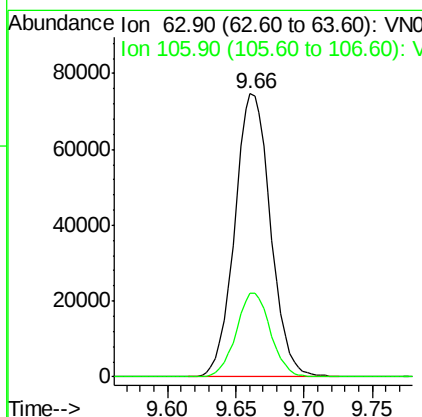
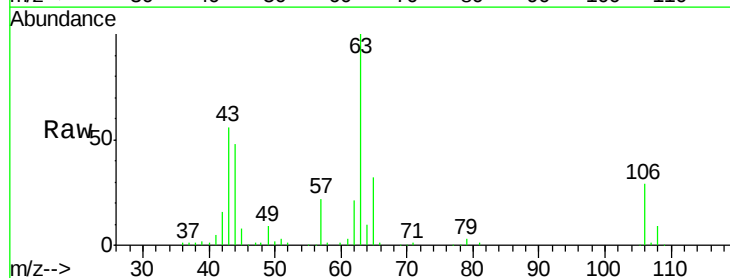
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

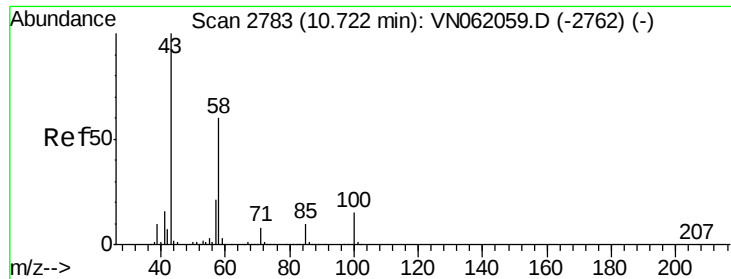
Tgt Ion: 76 Resp: 99942
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.817 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 63 Resp: 135860
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.2 34.8

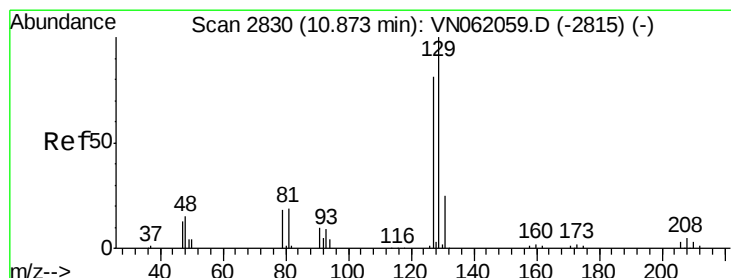
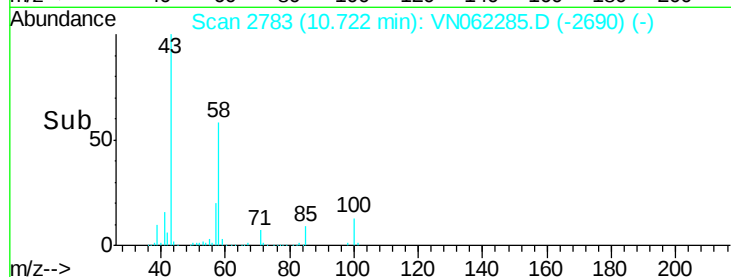
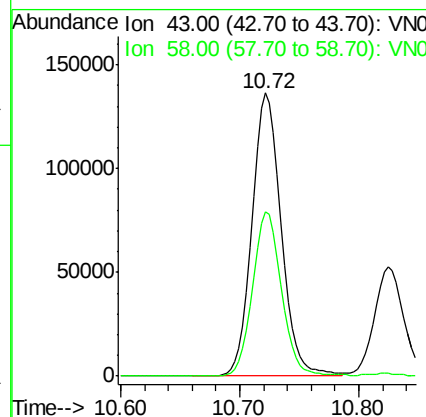
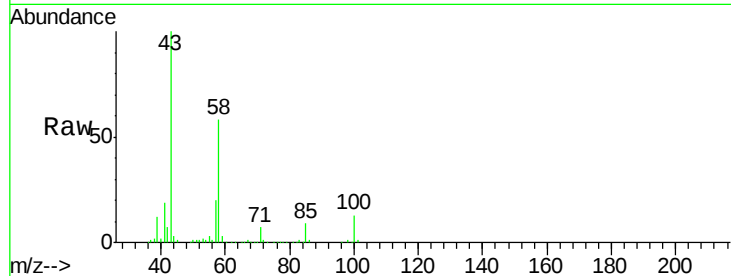




#59
2-Hexanone
Concen: 106.241 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

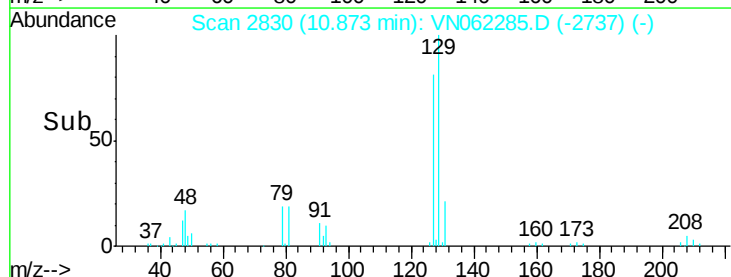
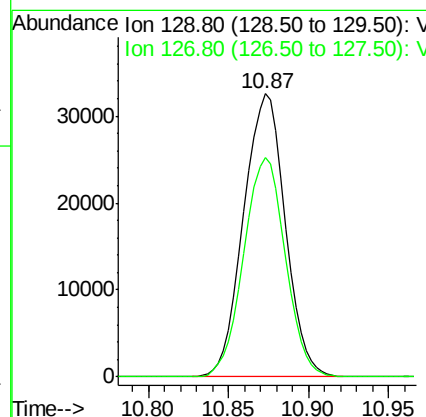
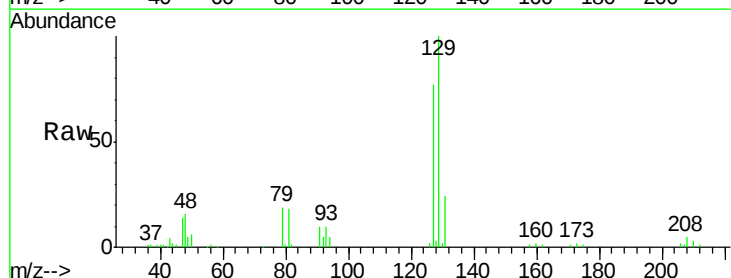
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

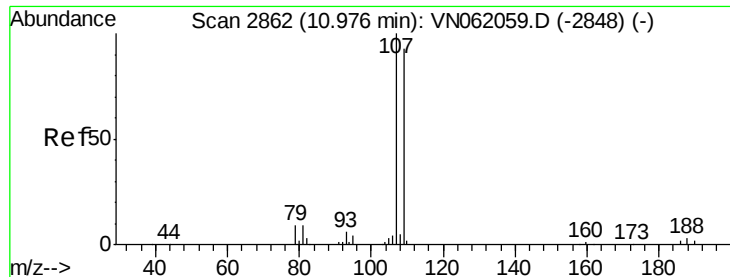
Tgt Ion: 43 Resp: 232267
Ion Ratio Lower Upper
43 100
58 57.4 29.5 88.5



#60
Dibromochloromethane
Concen: 19.495 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 129 Resp: 57922
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.5

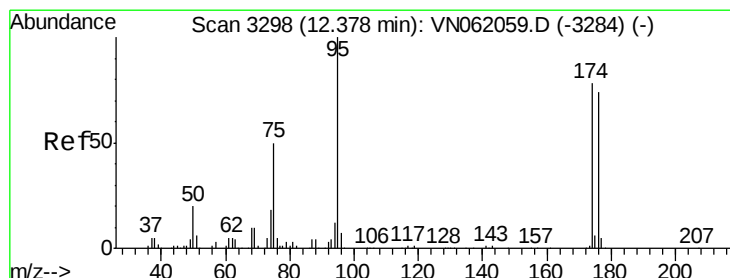
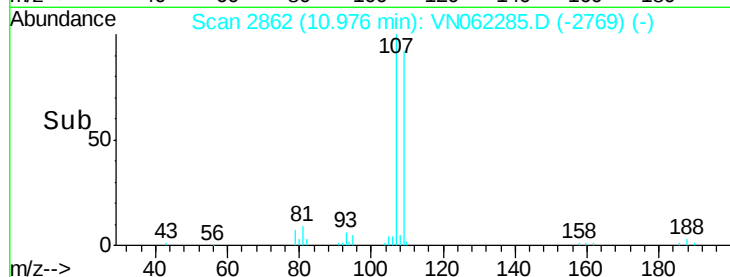
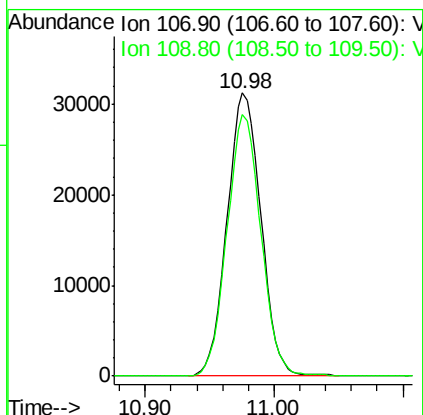
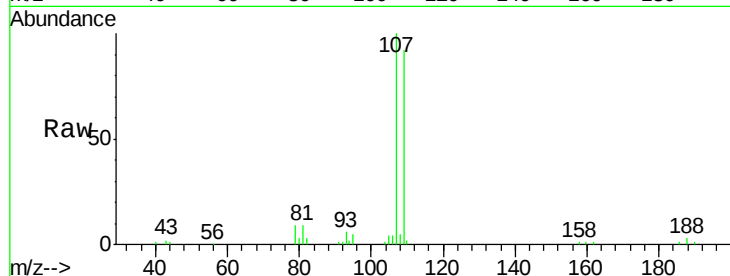




#61
 1,2-Dibromoethane
 Concen: 19.744 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

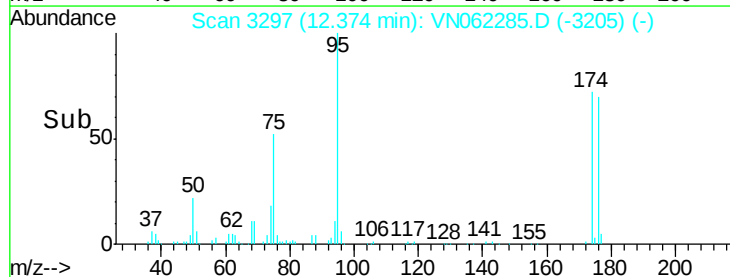
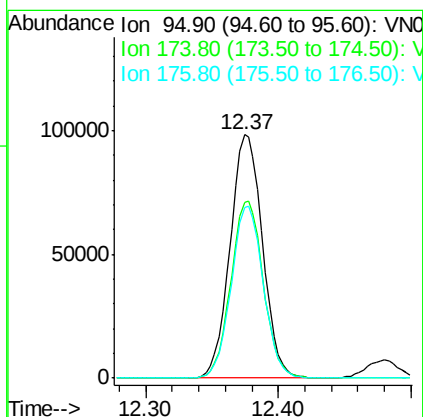
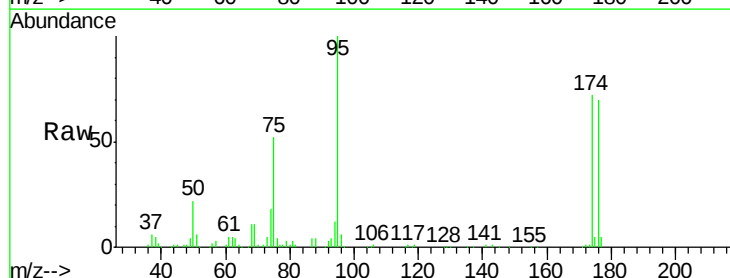
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

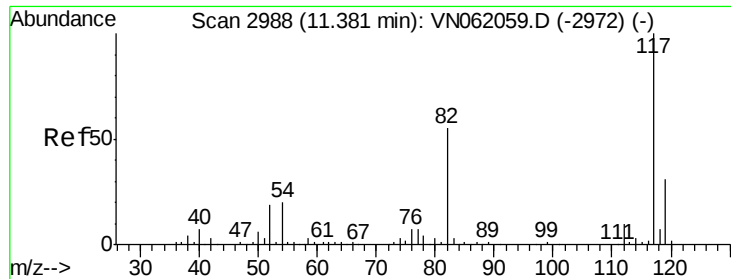
Tgt Ion: 107 Resp: 56933
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.479 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 95 Resp: 167038
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 154.8
 176 70.0 0.0 147.4

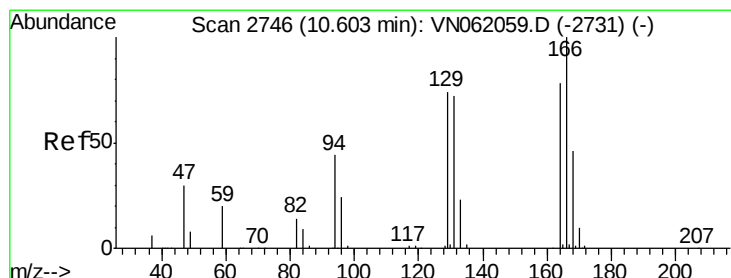
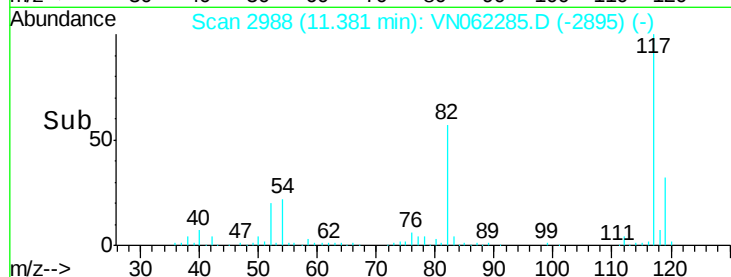
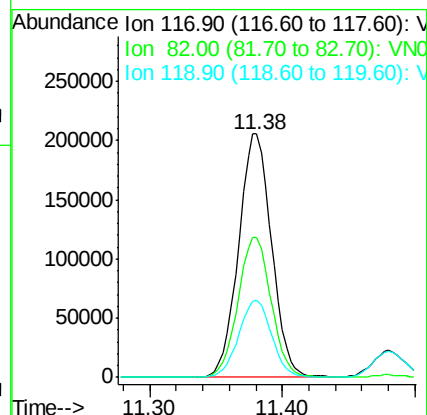
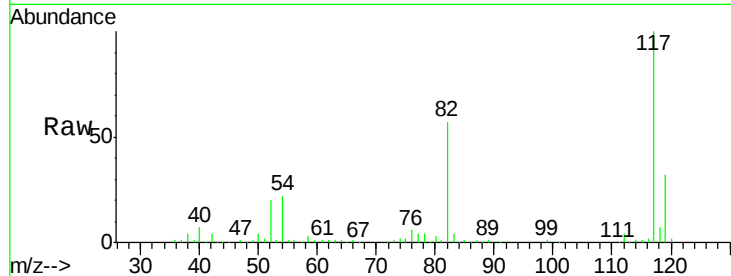




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

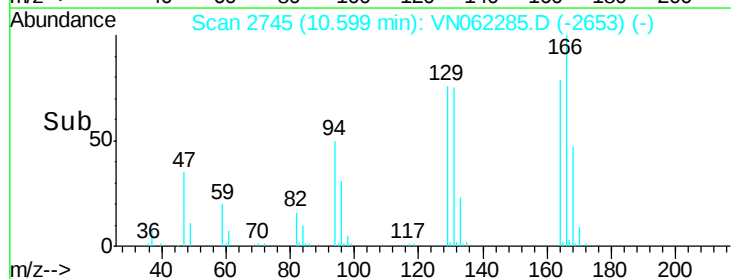
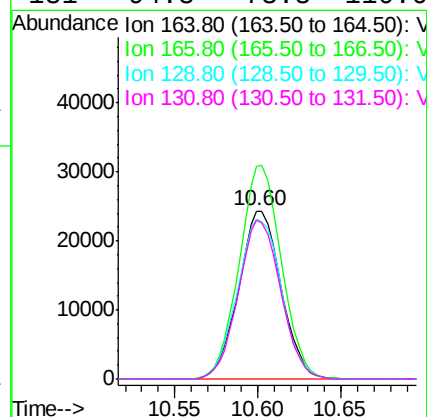
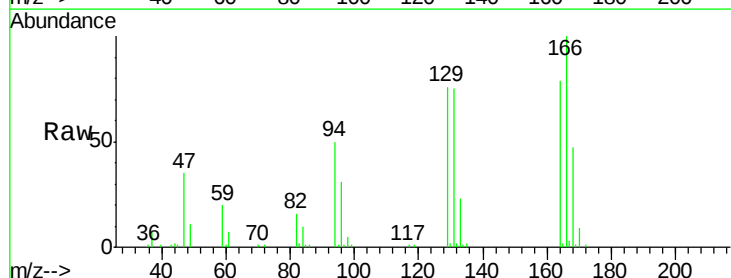
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tgt Ion:117 Resp: 355024
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 17.831 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion:164 Resp: 43243
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 95.4 75.8 113.8
131 94.8 73.8 110.6





#65

Chlorobenzene

Concen: 19.436 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

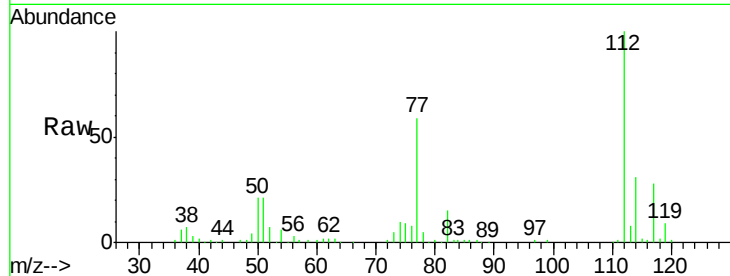
VN0701WBS01

Tgt Ion:112 Resp: 151528

Ion Ratio Lower Upper

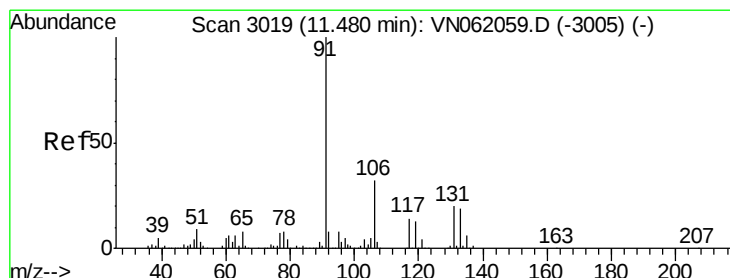
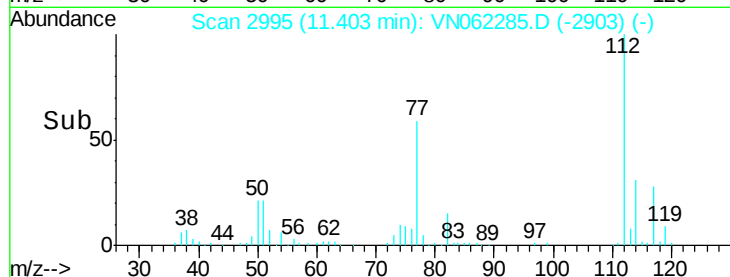
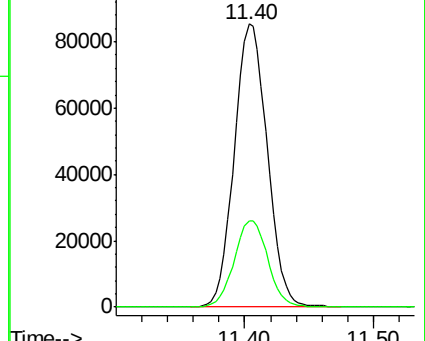
112 100

114 30.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.854 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

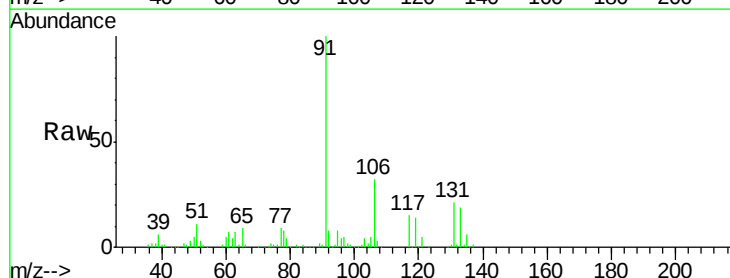
Tgt Ion:131 Resp: 53525

Ion Ratio Lower Upper

131 100

133 93.4 47.6 142.9

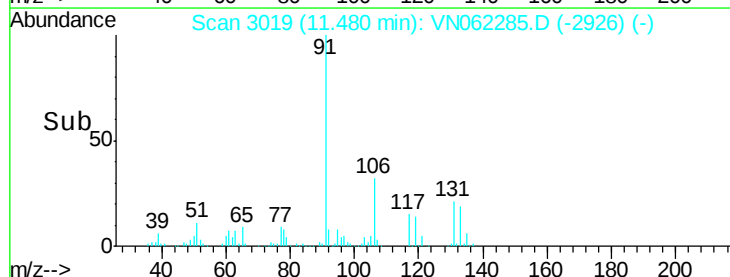
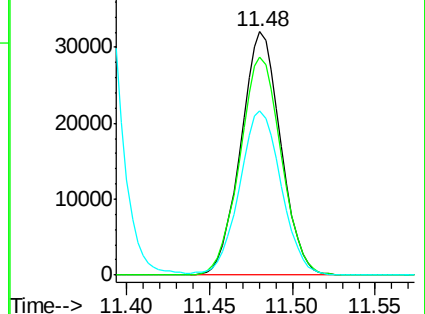
119 70.6 34.4 103.3

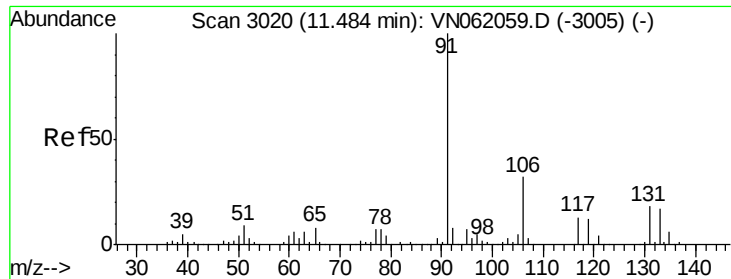


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

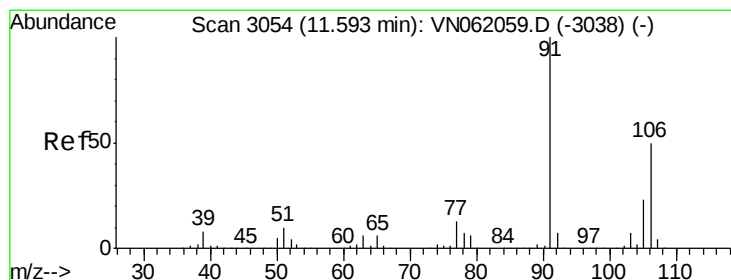
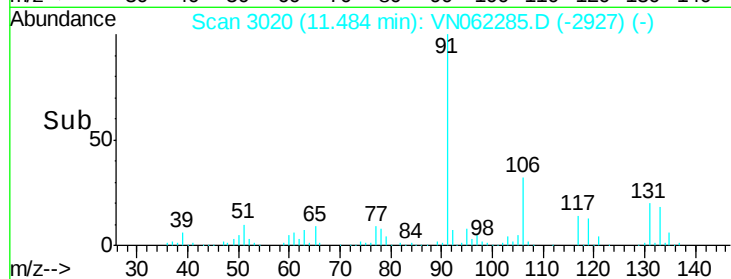
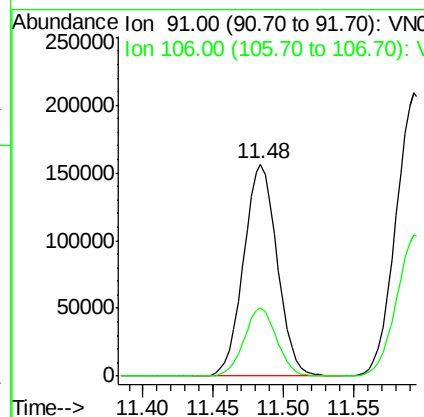
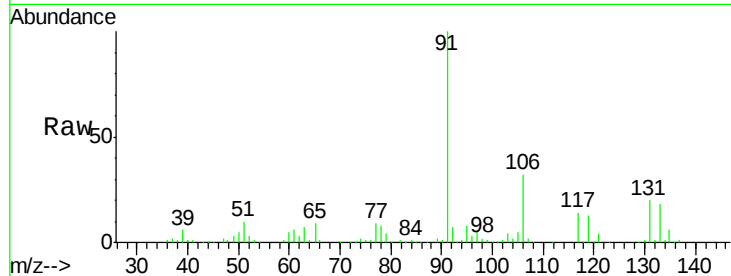




#67
Ethyl Benzene
Concen: 19.874 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

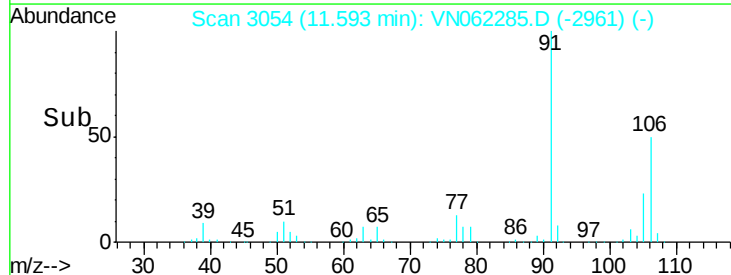
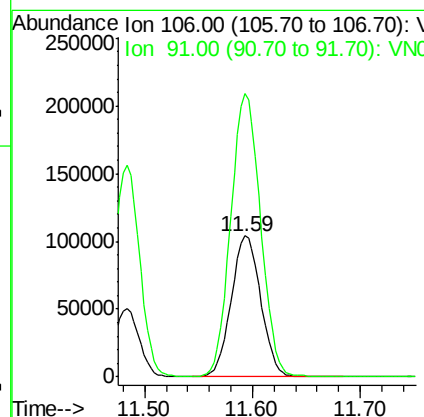
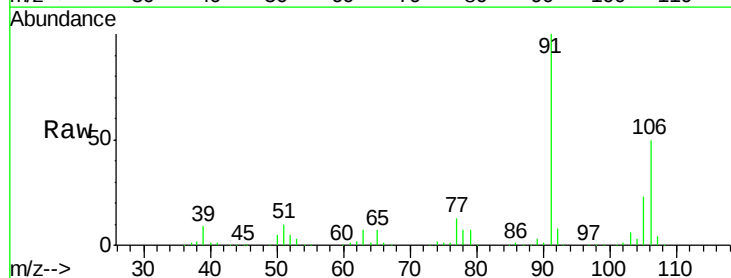
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tgt Ion: 91 Resp: 261687
Ion Ratio Lower Upper
91 100
106 32.4 25.3 37.9



#68
m/p-Xylenes
Concen: 38.882 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion: 106 Resp: 198021
Ion Ratio Lower Upper
106 100
91 201.4 157.8 236.8

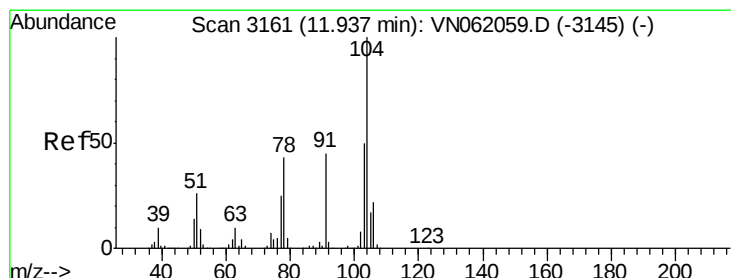
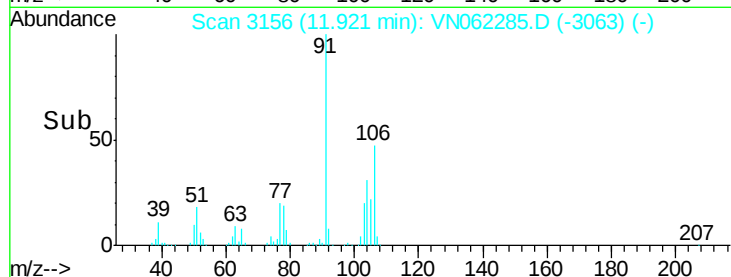
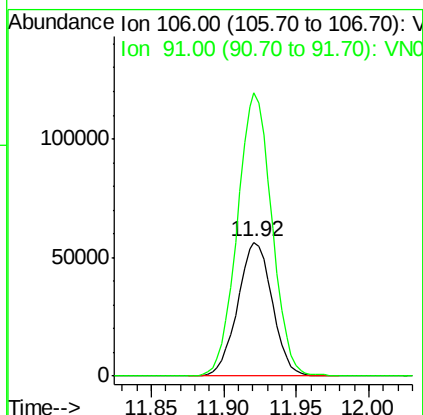
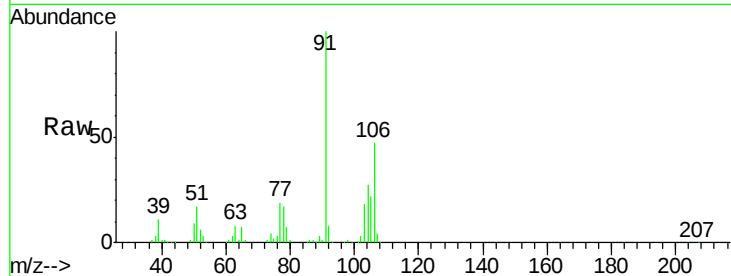




#69
o-Xylene
Concen: 19.446 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

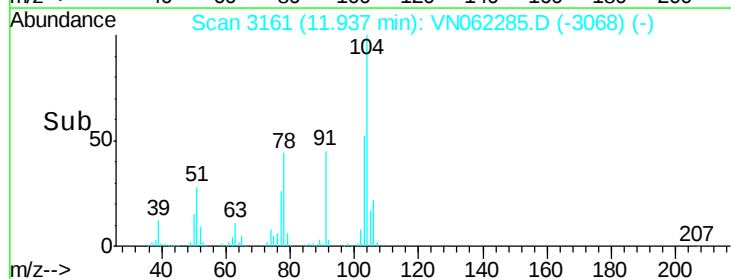
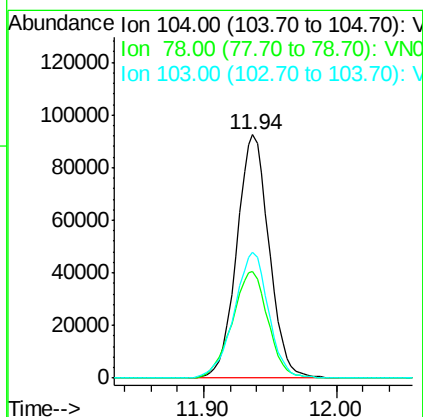
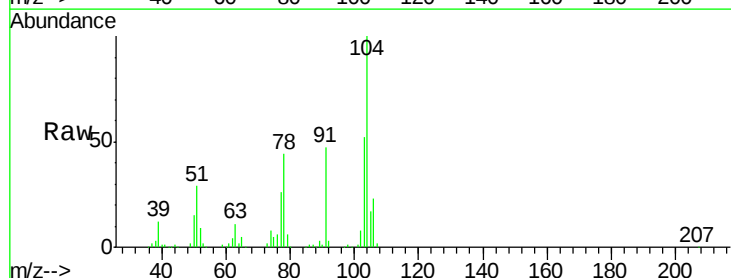
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS01

Tgt Ion:106 Resp: 93440
Ion Ratio Lower Upper
106 100
91 211.6 104.0 311.9



#70
Styrene
Concen: 19.571 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062285.D
Acq: 1 Jul 2020 12:19

Tgt Ion:104 Resp: 156839
Ion Ratio Lower Upper
104 100
78 48.4 37.7 56.5
103 54.9 43.0 64.6





#71

Bromoform

Concen: 18.165 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

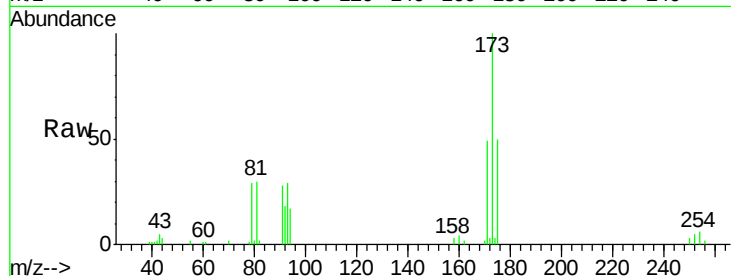
Tgt Ion:173 Resp: 34819

Ion Ratio Lower Upper

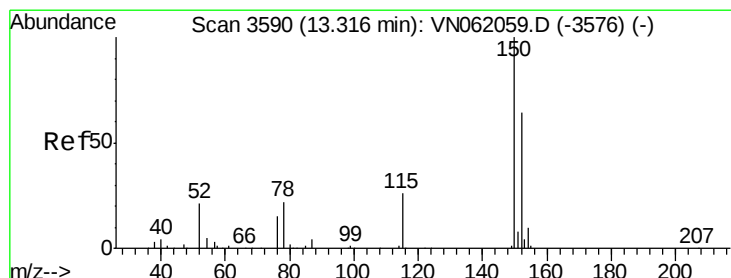
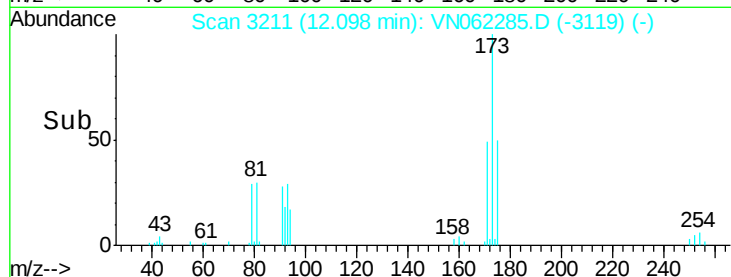
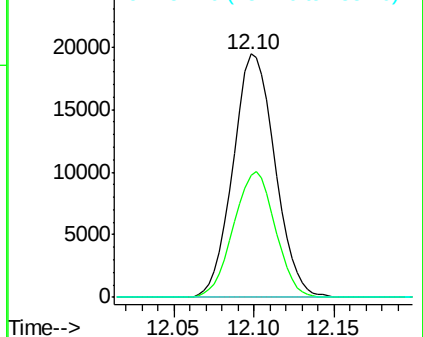
173 100

175 51.2 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: VN062285.D

Acq: 1 Jul 2020 12:19

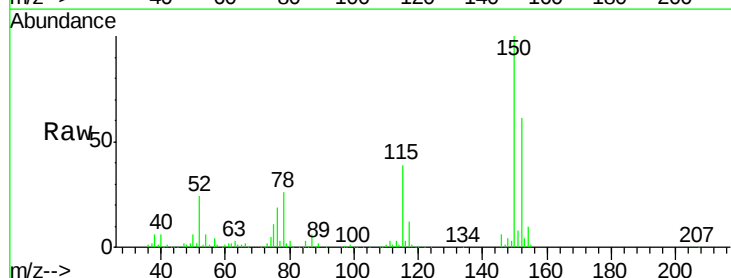
Tgt Ion:152 Resp: 157360

Ion Ratio Lower Upper

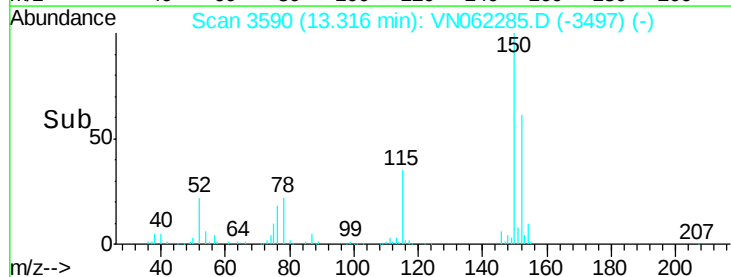
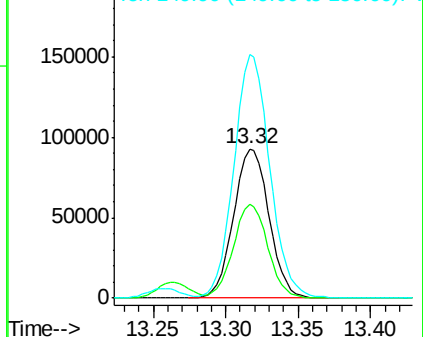
152 100

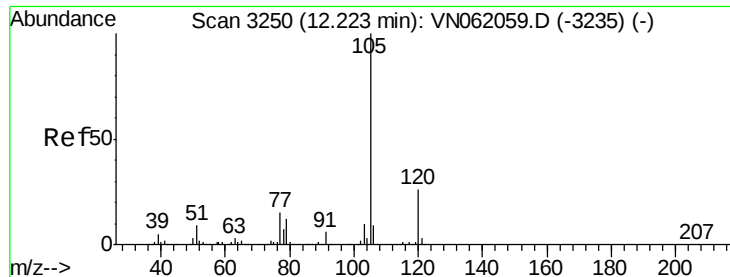
115 61.5 29.5 88.5

150 165.1 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: 20.320 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

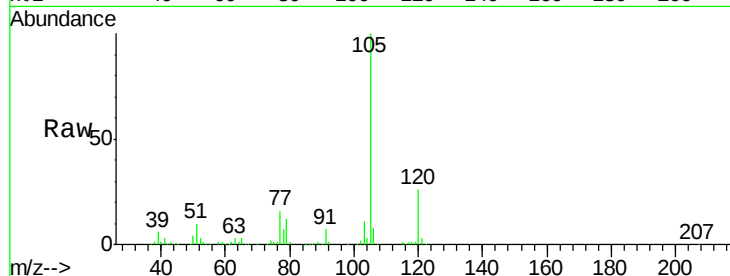
VN0701WBS01

Tgt Ion:105 Resp: 247518

Ion Ratio Lower Upper

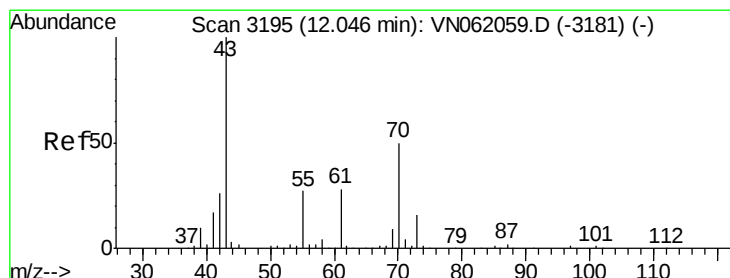
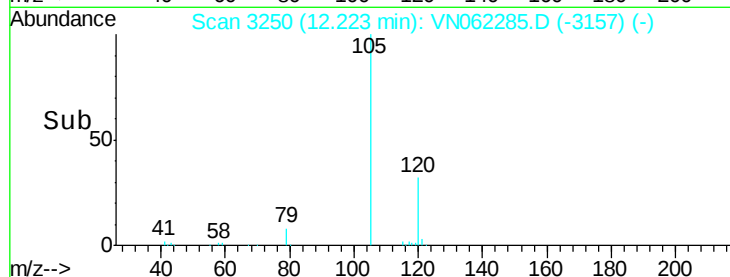
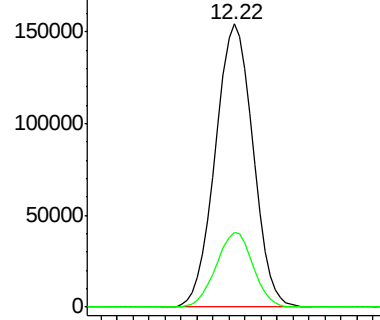
105 100

120 26.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.724 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Tgt Ion: 43 Resp: 88325

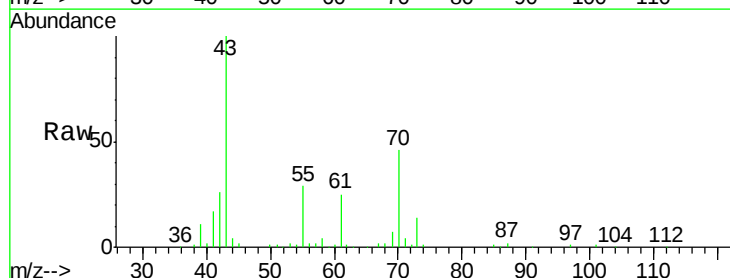
Ion Ratio Lower Upper

43 100

70 45.8 39.4 59.2

55 27.9 21.7 32.5

61 24.4 21.3 31.9

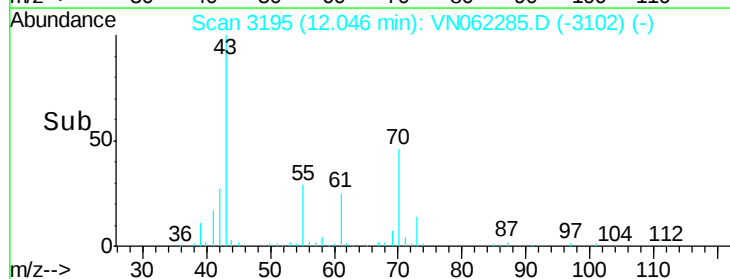
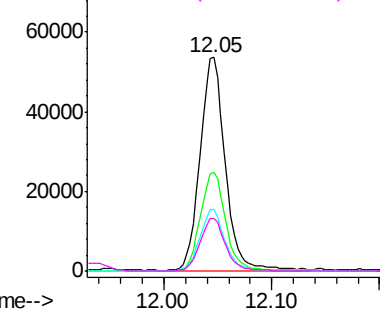


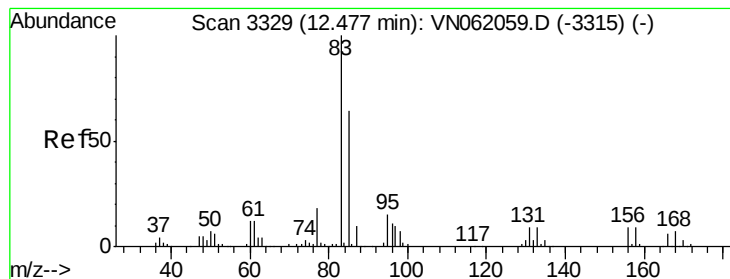
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.659 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

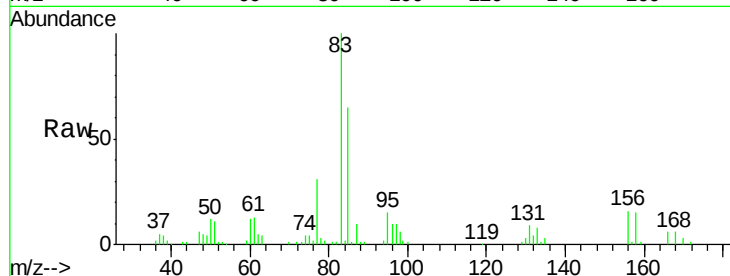
Tgt Ion: 83 Resp: 83740

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

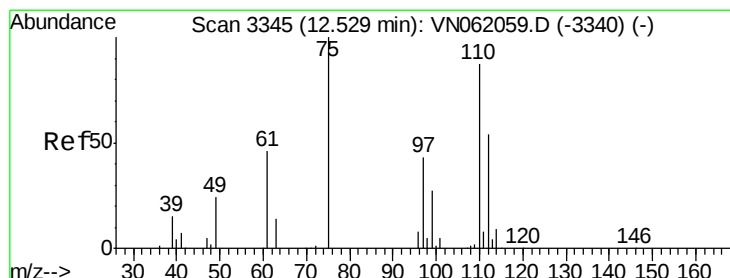
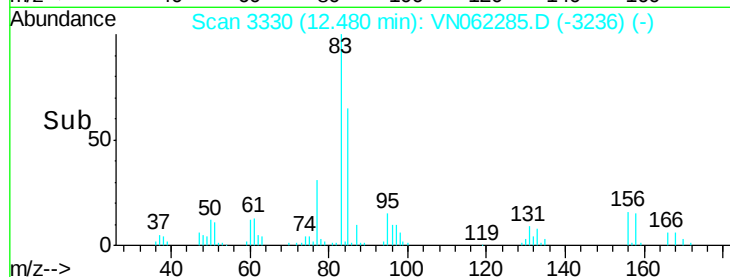
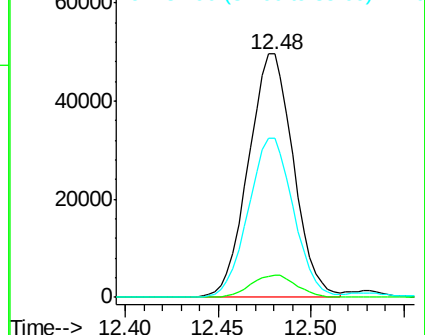
85 65.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.690 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062285.D

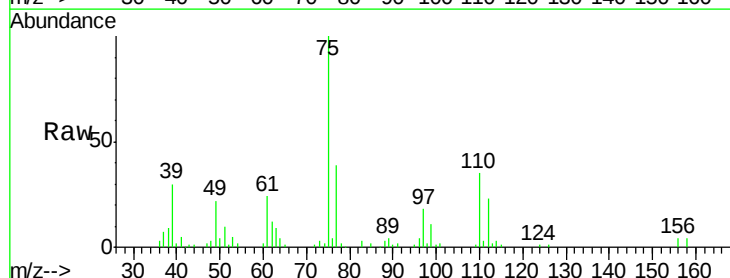
Acq: 1 Jul 2020 12:19

Tgt Ion: 75 Resp: 102573

Ion Ratio Lower Upper

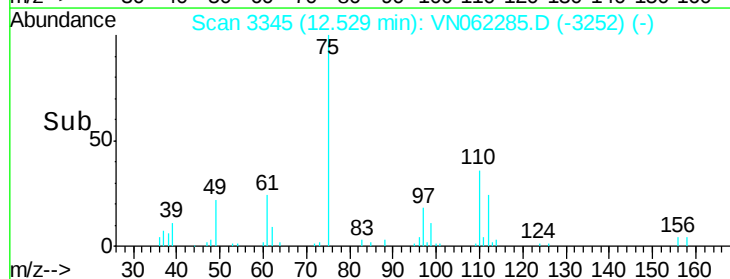
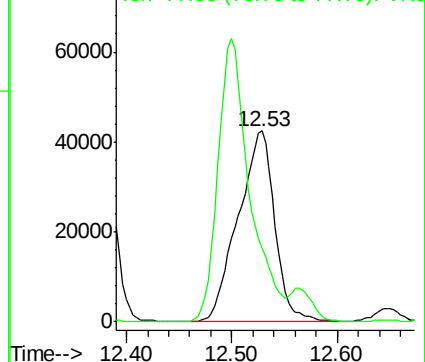
75 100

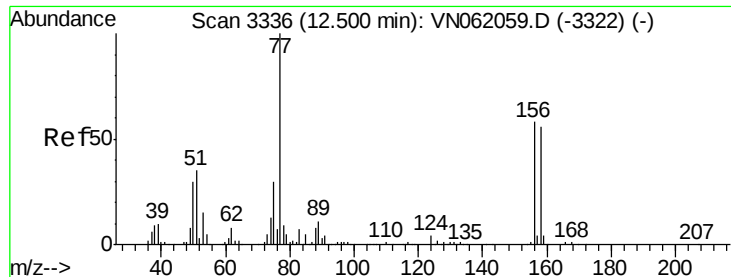
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.553 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

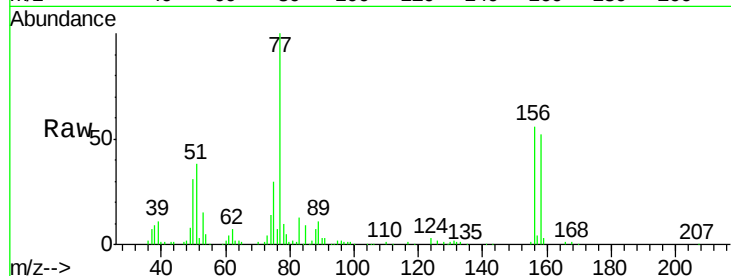
Tgt Ion:156 Resp: 59130

Ion Ratio Lower Upper

156 100

77 223.2 104.6 313.8

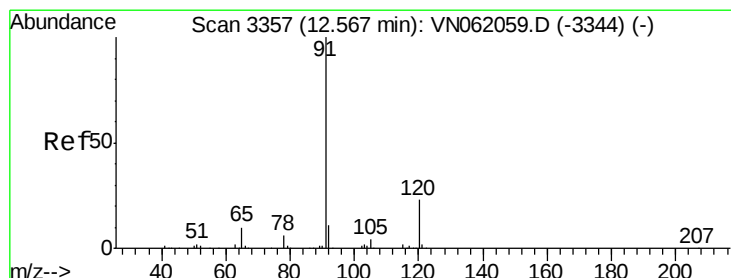
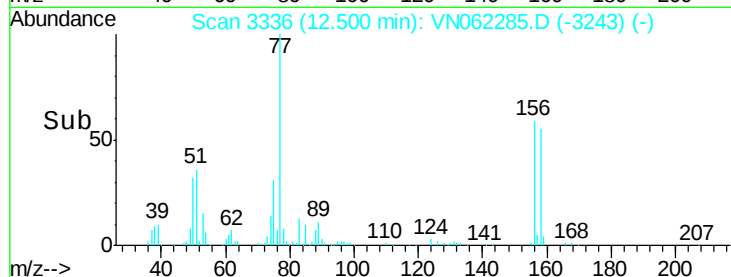
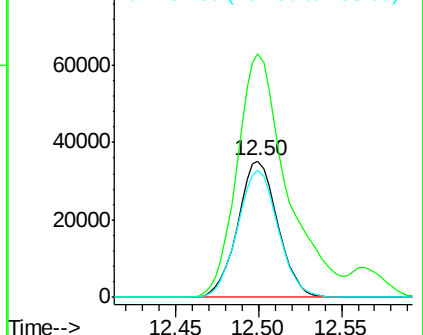
158 94.7 48.0 144.0



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: 20.918 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062285.D

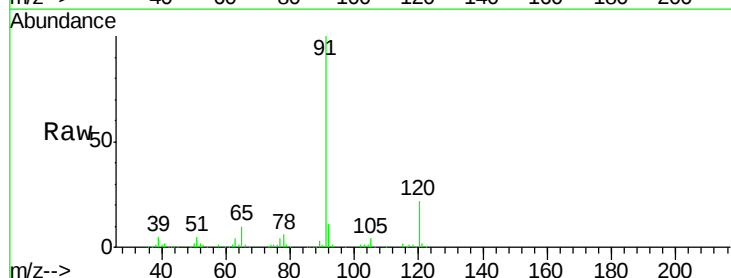
Acq: 1 Jul 2020 12:19

Tgt Ion: 91 Resp: 291451

Ion Ratio Lower Upper

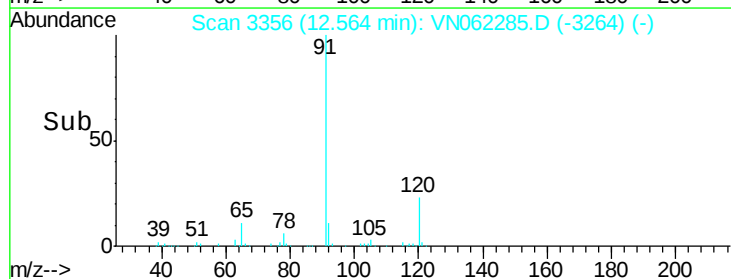
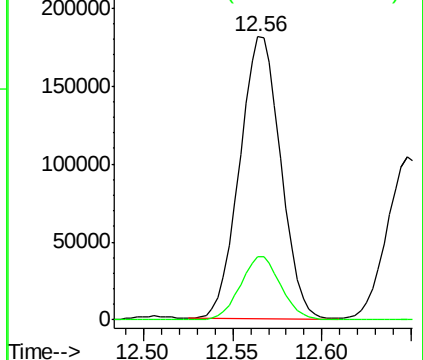
91 100

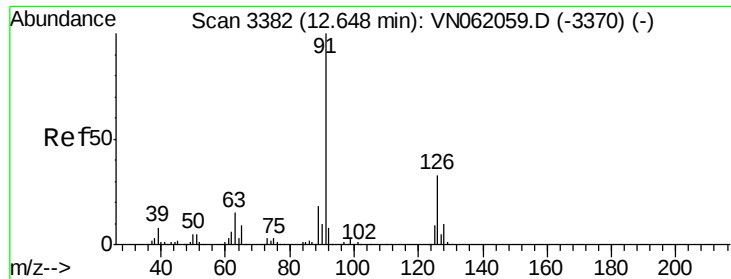
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

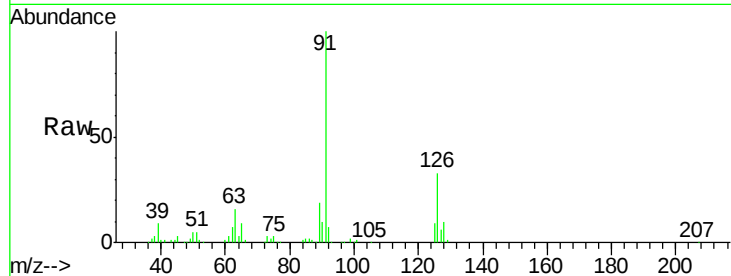




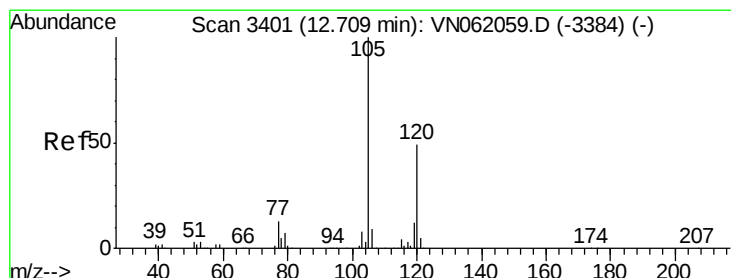
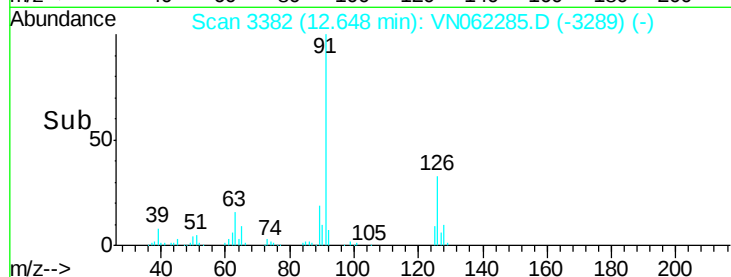
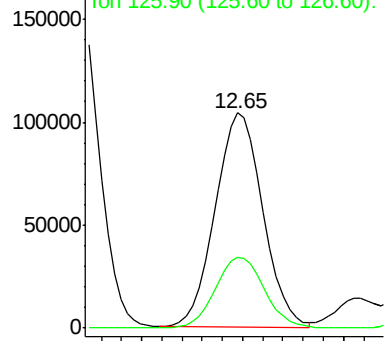
#79
 2-Chlorotoluene
 Concen: 20.333 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Tgt Ion: 91 Resp: 171266
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.9 50.7

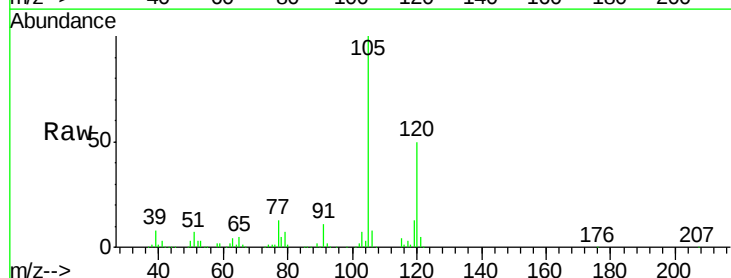


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

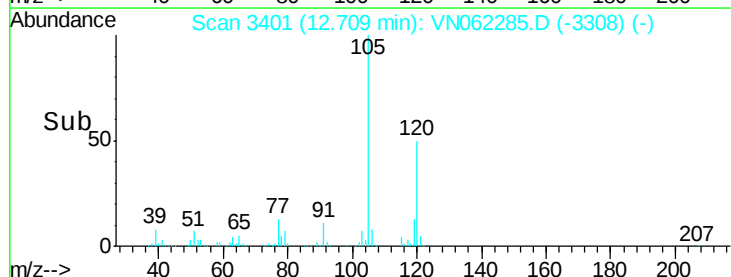
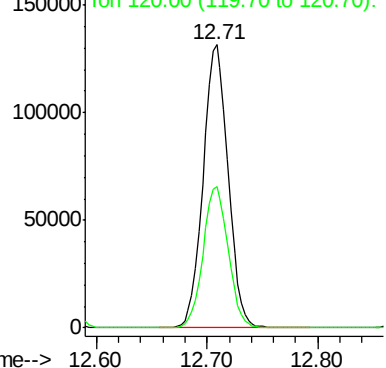


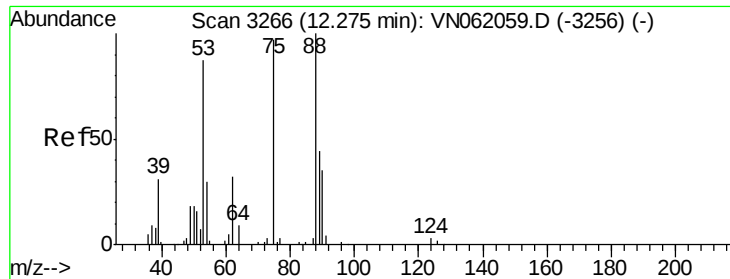
#80
 1,3,5-Trimethylbenzene
 Concen: 20.938 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion: 105 Resp: 206753
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)
 Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.663 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

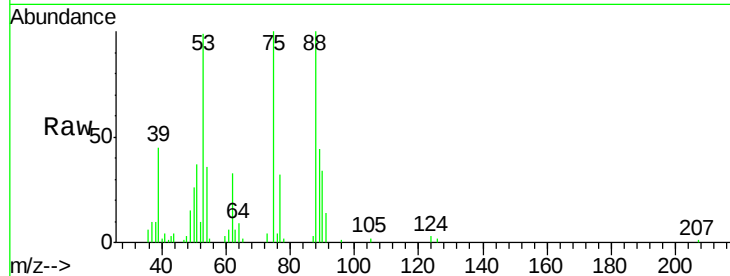
Tgt Ion: 75 Resp: 26210

Ion Ratio Lower Upper

75 100

53 96.9 72.0 108.0

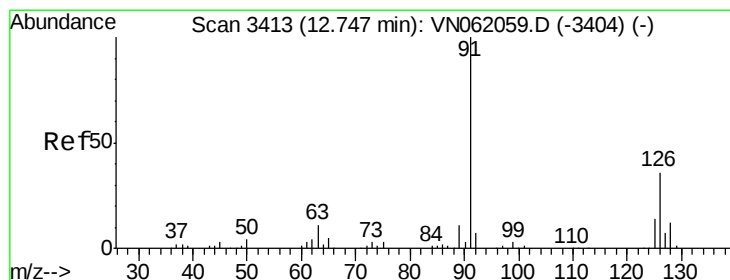
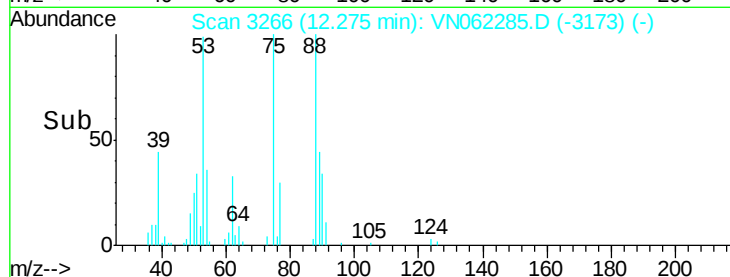
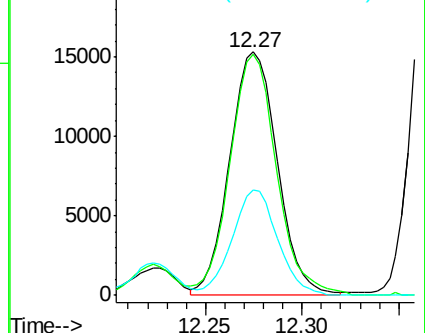
89 41.4 36.9 55.3



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: 20.784 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062285.D

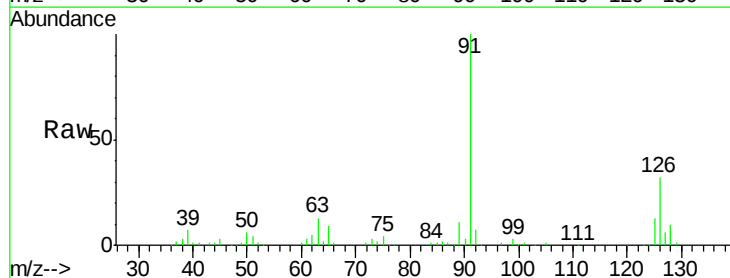
Acq: 1 Jul 2020 12:19

Tgt Ion: 91 Resp: 181041

Ion Ratio Lower Upper

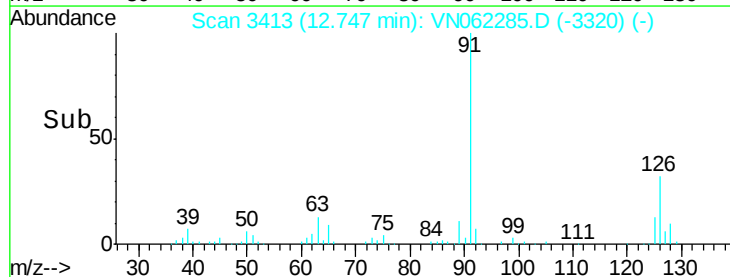
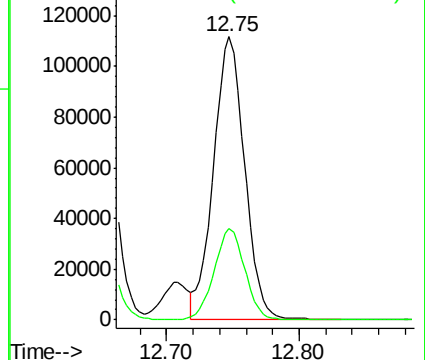
91 100

126 31.9 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

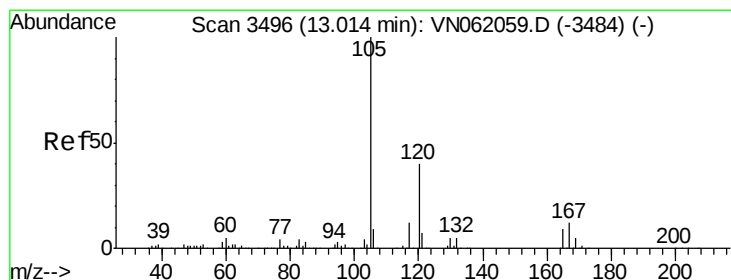
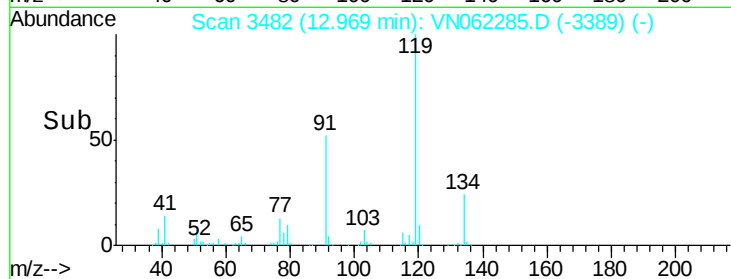
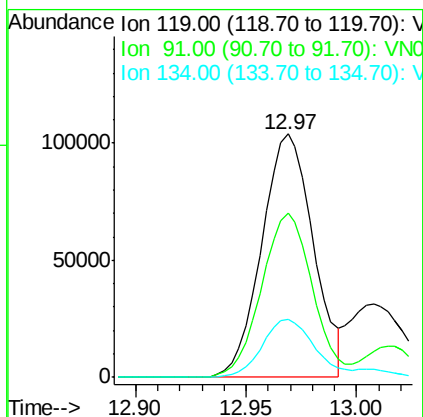
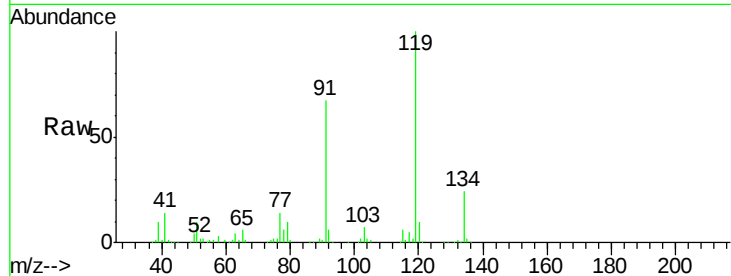




#83
 tert-Butylbenzene
 Concen: 19.933 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

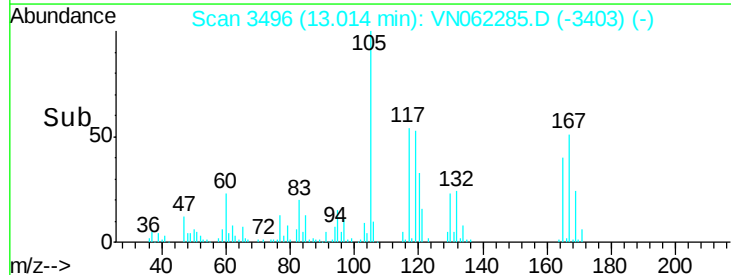
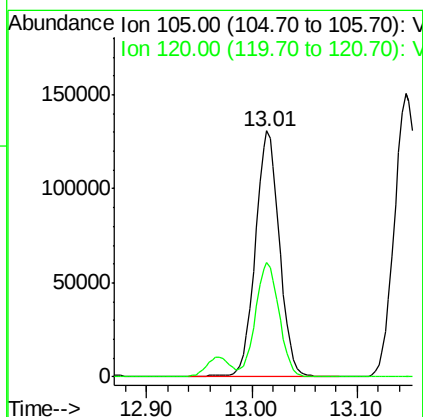
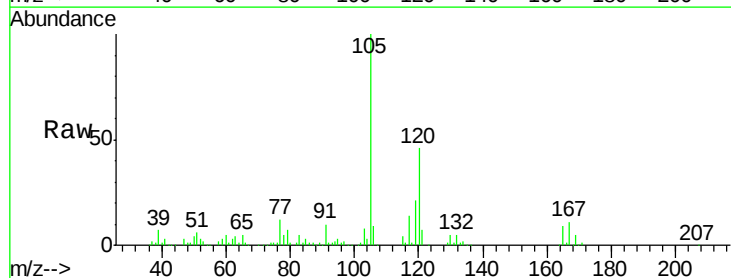
Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS01

Tgt Ion:119 Resp: 168444
 Ion Ratio Lower Upper
 119 100
 91 67.0 31.7 95.1
 134 24.1 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.164 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion:105 Resp: 208722
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.5

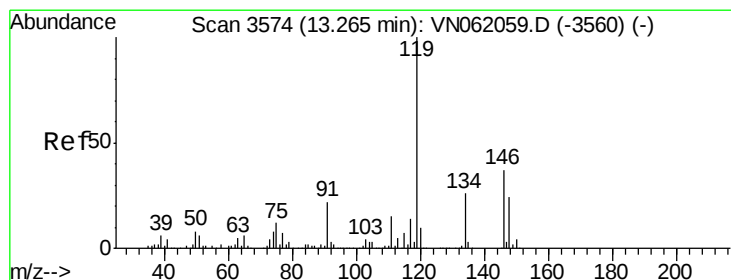
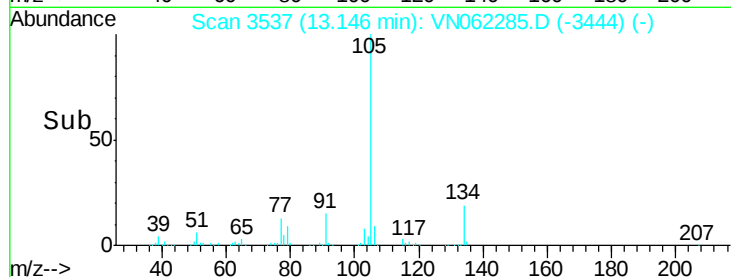
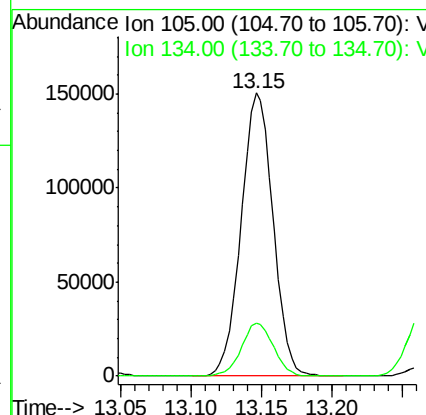
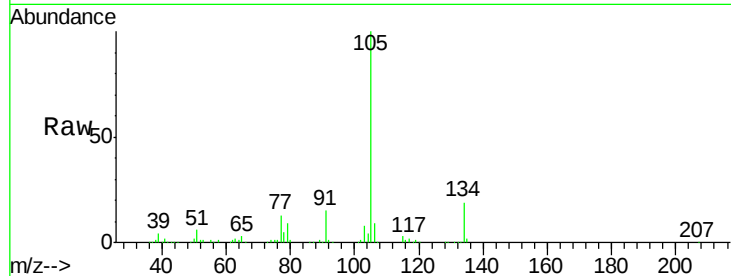




#85
 sec-Butylbenzene
 Concen: 21.388 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

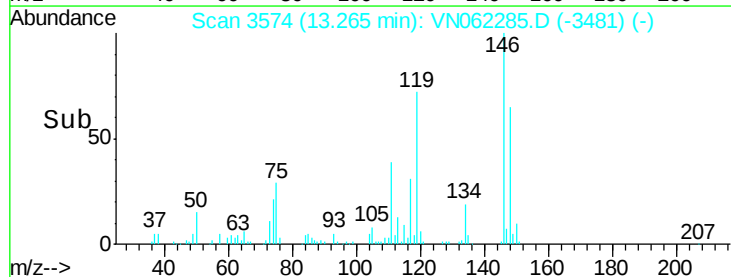
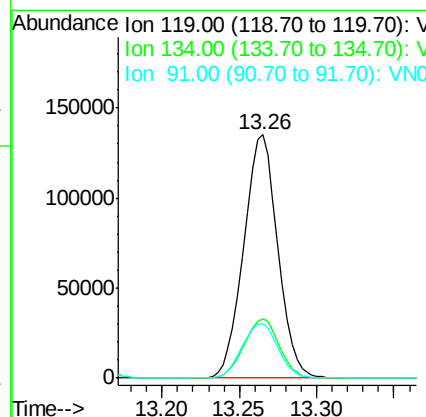
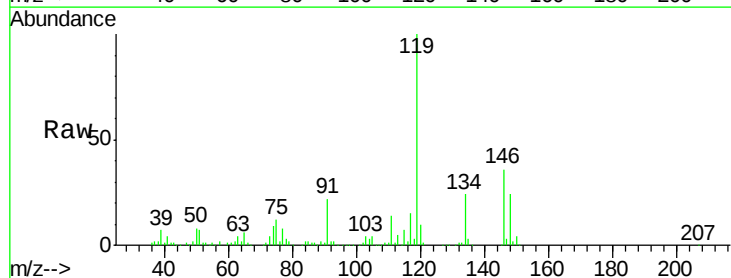
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

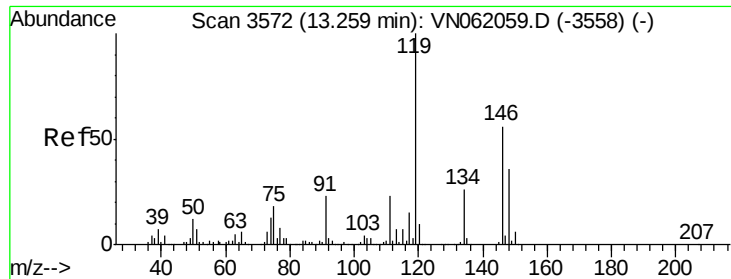
Tgt Ion:105 Resp: 238825
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.173 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion:119 Resp: 207136
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 23.7 11.3 33.8

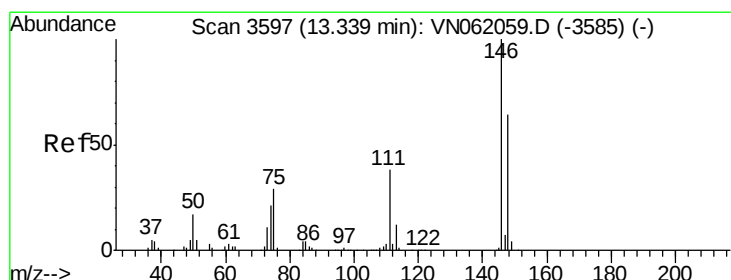
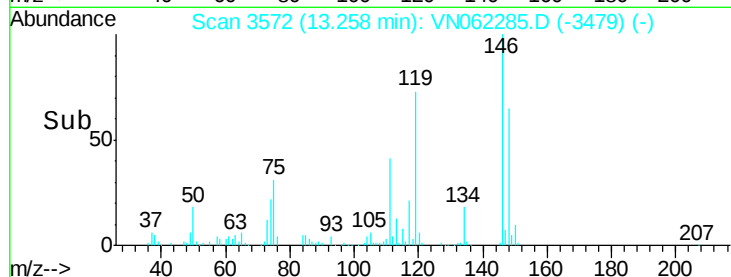
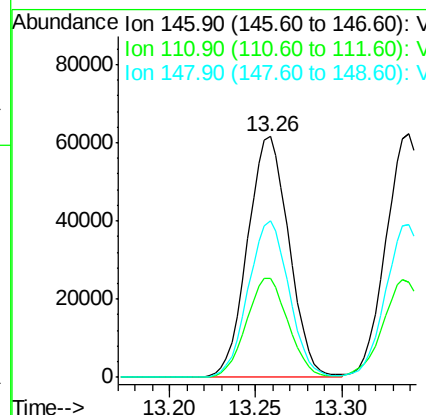
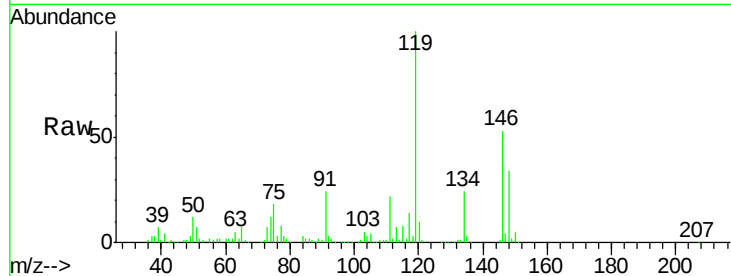




#87
 1,3-Dichlorobenzene
 Concen: 19.426 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

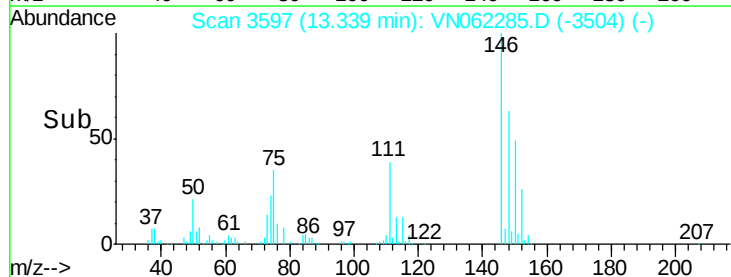
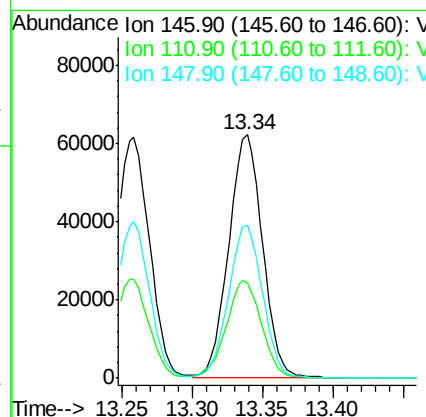
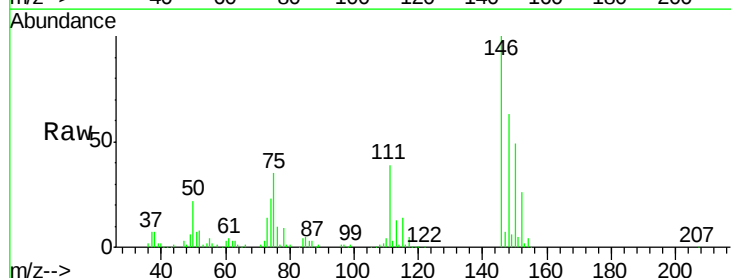
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

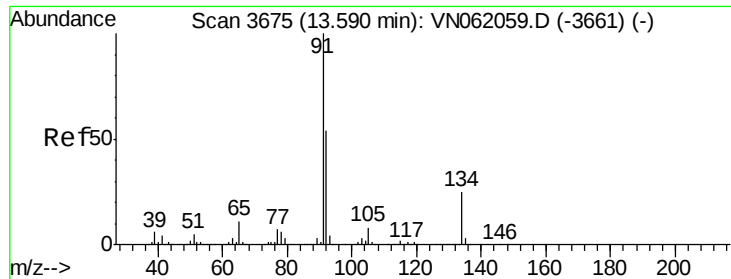
Tgt Ion:146 Resp: 103158
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.944 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion:146 Resp: 103700
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.9 59.6
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 21.234 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS01

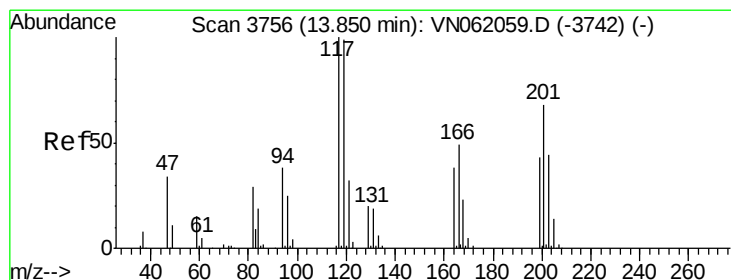
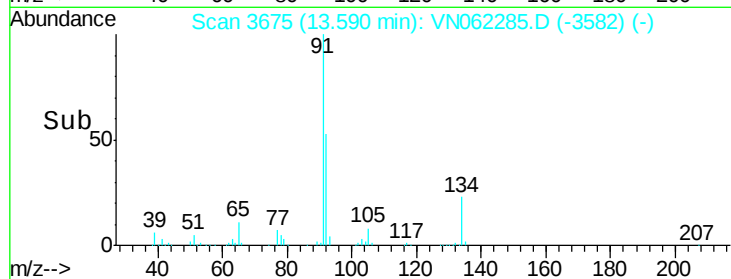
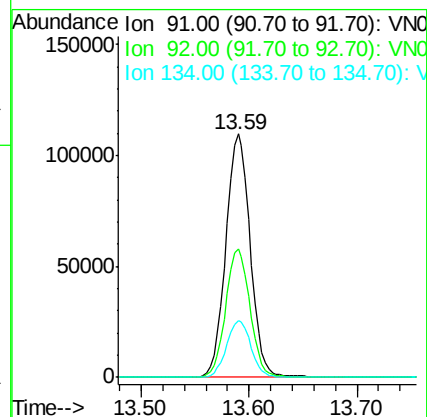
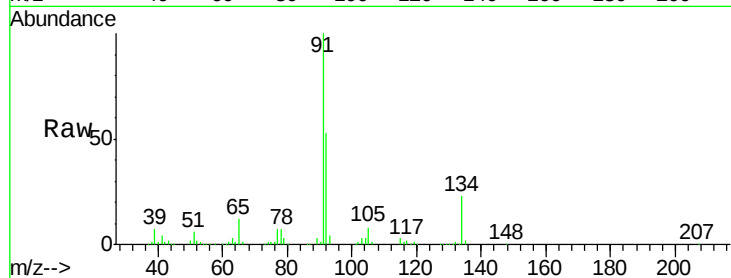
Tgt Ion: 91 Resp: 172706

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 23.4 12.3 36.9



#90

Hexachloroethane

Concen: 20.343 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062285.D

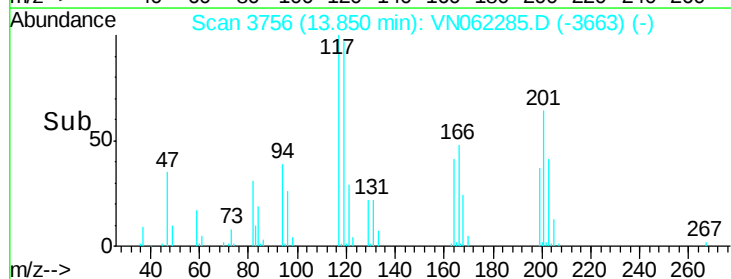
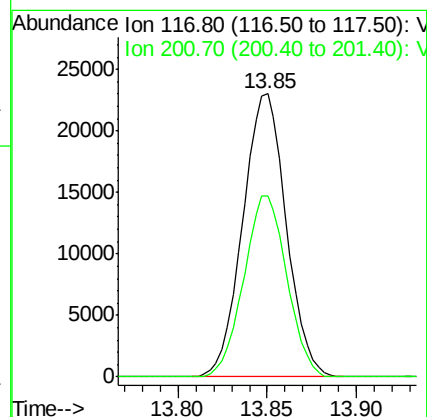
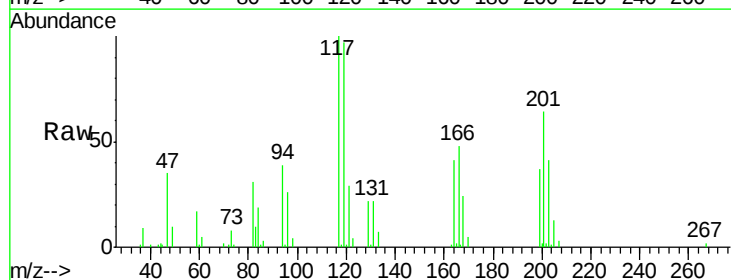
Acq: 1 Jul 2020 12:19

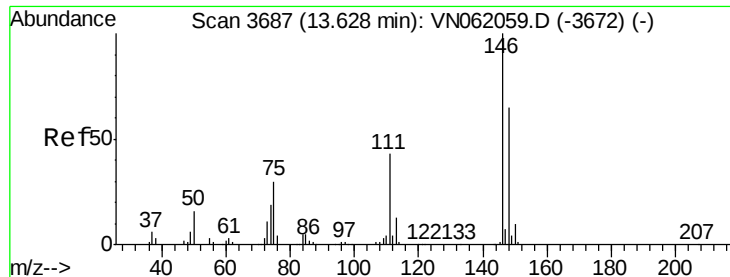
Tgt Ion: 117 Resp: 39048

Ion Ratio Lower Upper

117 100

201 63.3 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 19.876 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

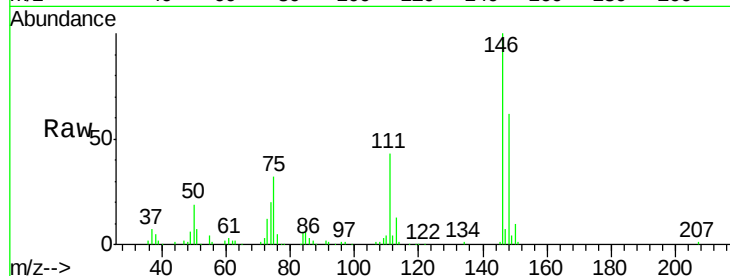
Tgt Ion:146 Resp: 102352

Ion Ratio Lower Upper

146 100

111 42.6 21.2 63.6

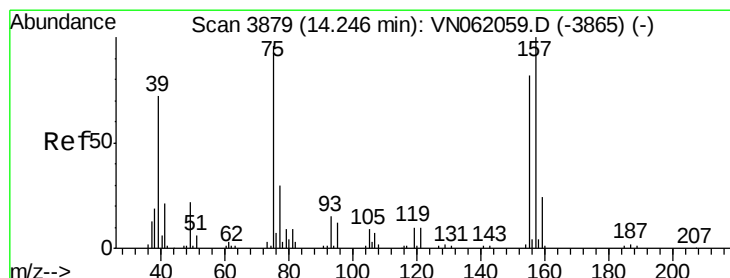
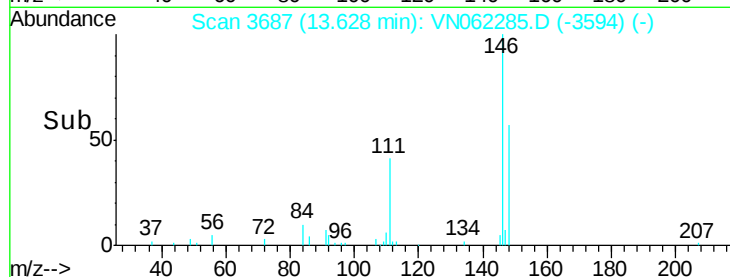
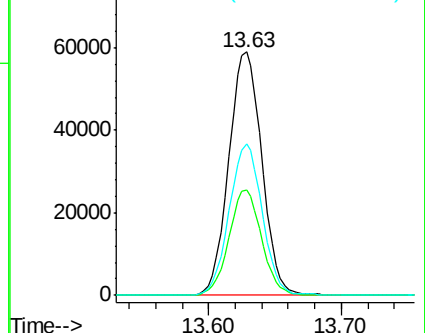
148 61.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.545 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

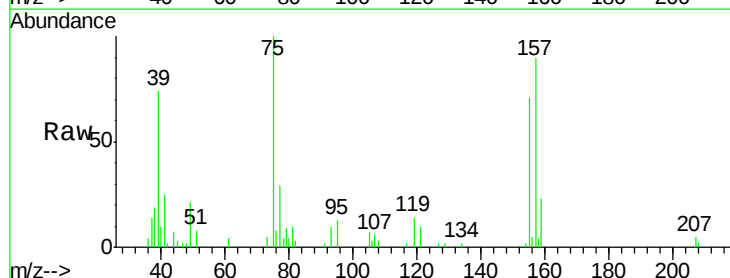
Tgt Ion: 75 Resp: 13990

Ion Ratio Lower Upper

75 100

155 70.6 40.8 122.4

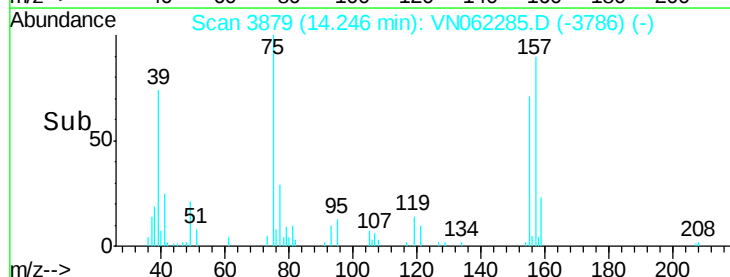
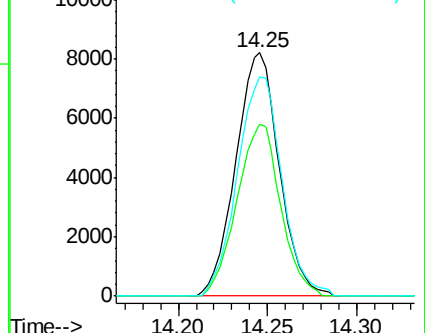
157 92.4 51.4 154.3

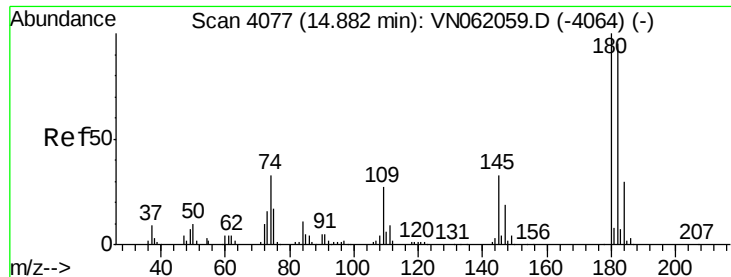


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

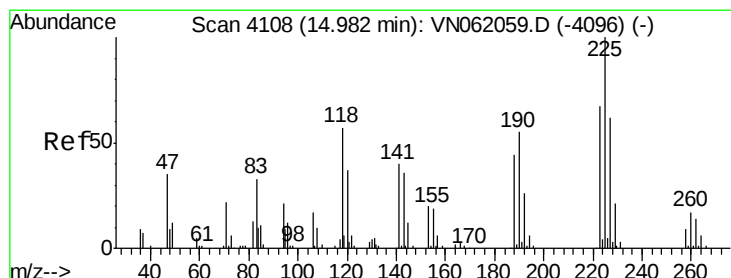
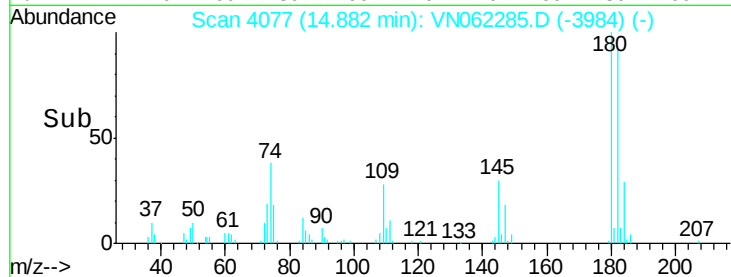
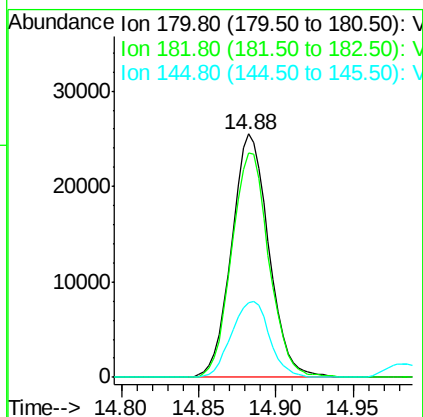
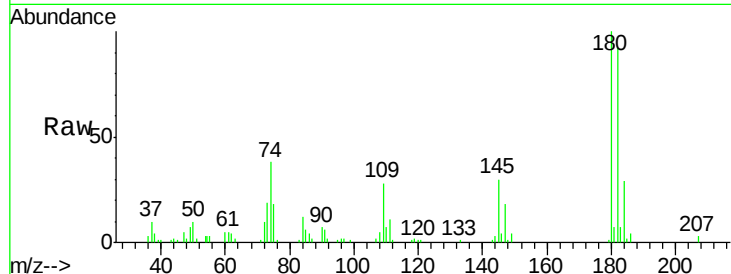




#93
 1,2,4-Trichlorobenzene
 Concen: 18.845 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

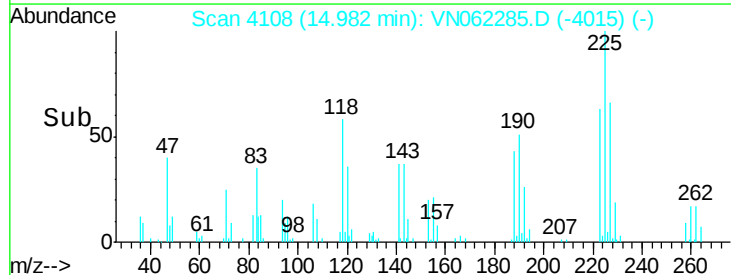
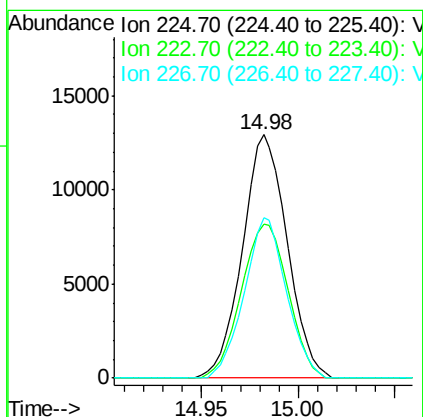
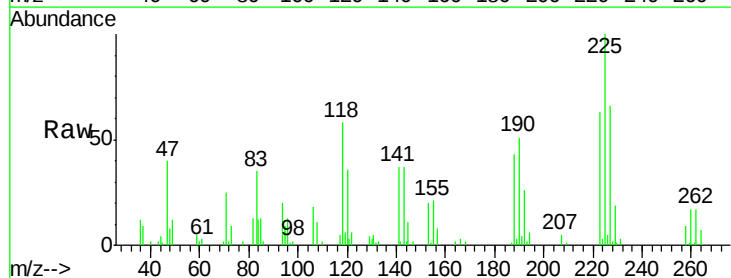
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Tgt Ion:180 Resp: 42394
 Ion Ratio Lower Upper
 180 100
 182 92.6 48.0 144.2
 145 31.9 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 21.316 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062285.D
 Acq: 1 Jul 2020 12:19

Tgt Ion:225 Resp: 20827
 Ion Ratio Lower Upper
 225 100
 223 66.0 32.9 98.7
 227 62.1 31.3 93.8





#95

Naphthalene

Concen: 17.718 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS01

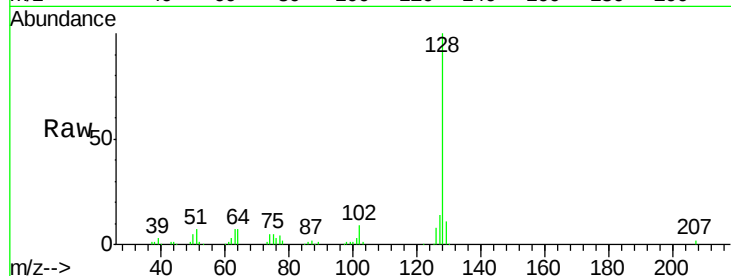
Tgt Ion:128 Resp: 111866

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

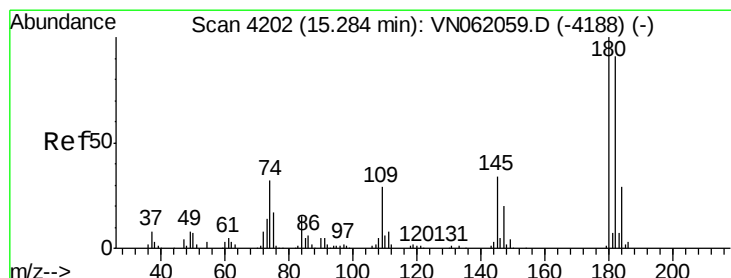
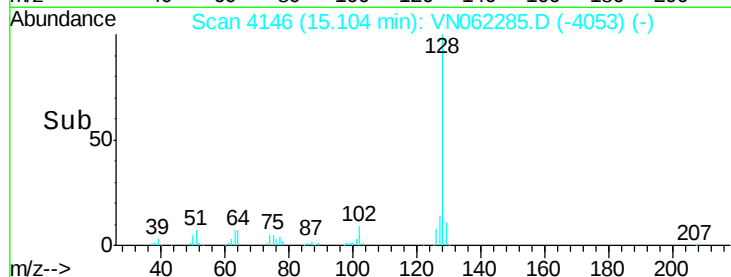
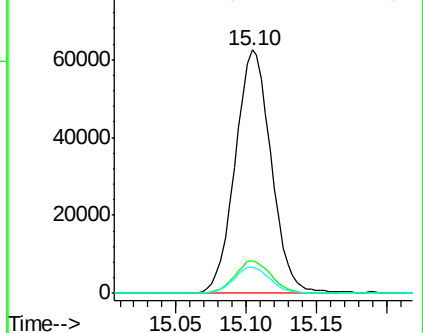
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.908 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062285.D

Acq: 1 Jul 2020 12:19

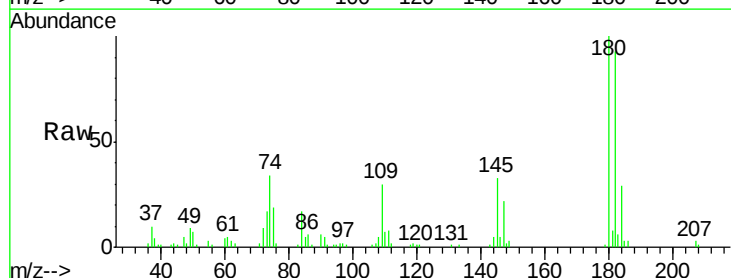
Tgt Ion:180 Resp: 43493

Ion Ratio Lower Upper

180 100

182 94.4 46.8 140.4

145 34.4 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

