

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062586.D
 Acq On : 22 Jul 2020 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jul 23 07:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	192866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	146678	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.54	113	102630	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.06	98	406394	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.37	95	154361	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112830	49.045	ug/l	99
3) Chloromethane	2.03	50	153718	49.265	ug/l	99
4) Vinyl Chloride	2.16	62	128379	47.461	ug/l	99
5) Bromomethane	2.49	94	57314	47.839	ug/l	96
6) Chloroethane	2.64	64	61288	50.090	ug/l	99
7) Trichlorofluoromethane	2.97	101	151981	47.855	ug/l	99
8) Diethyl Ether	3.37	74	75747	51.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	104327	51.236	ug/l	99
10) Methyl Iodide	3.90	142	132981	51.083	ug/l	99
11) Tert butyl alcohol	4.74	59	112186	235.379	ug/l	99
12) 1,1-Dichloroethene	3.69	96	98958	47.919	ug/l	98
13) Acrolein	3.56	56	123533	248.585	ug/l	99
14) Allyl chloride	4.27	41	221015	49.477	ug/l	99
15) Acrylonitrile	4.92	53	326072	255.421	ug/l	99
16) Acetone	3.77	43	308730	273.831	ug/l	98
17) Carbon Disulfide	4.00	76	314075	46.288	ug/l	99
18) Methyl Acetate	4.27	43	144904	50.768	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	389906	51.298	ug/l	98
20) Methylene Chloride	4.49	84	129286	47.811	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	107958	47.102	ug/l	98
22) Diisopropyl ether	5.90	45	456582	51.421	ug/l	97
23) Vinyl Acetate	5.84	43	1910609	262.609	ug/l	100
24) 1,1-Dichloroethane	5.79	63	238713	49.925	ug/l	99
25) 2-Butanone	6.78	43	451401	262.890	ug/l	98
26) 2,2-Dichloropropane	6.77	77	190110	48.434	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	127858	48.887	ug/l	100
28) Bromochloromethane	7.15	49	123109	52.318	ug/l	100
29) Tetrahydrofuran	7.16	42	294471	253.446	ug/l	100
30) Chloroform	7.32	83	223450	49.151	ug/l	99
31) Cyclohexane	7.61	56	205797	46.617	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	187060	49.283	ug/l	99
36) 1,1-Dichloropropene	7.75	75	166760	49.927	ug/l	99
37) Ethyl Acetate	6.88	43	185514	51.526	ug/l	99
38) Carbon Tetrachloride	7.73	117	164913	51.366	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	186506	51.873	ug/l	98
40) Benzene	8.00	78	511938	50.627	ug/l	100
41) Methacrylonitrile	7.12	41	93371	60.510	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	190494	51.529	ug/l	100
43) Isopropyl Acetate	8.12	43	307126	52.915	ug/l	98
44) Trichloroethene	8.80	130	113476	49.762	ug/l	97
45) 1,2-Dichloropropane	9.08	63	147056	51.796	ug/l	99
46) Dibromomethane	9.17	93	85219	51.933	ug/l	100
47) Bromodichloromethane	9.37	83	184107	51.788	ug/l	99
48) Methyl methacrylate	9.17	41	150145	54.419	ug/l	98
49) 1,4-Dioxane	9.17	88	46032	1086.267	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	944393	271.937	ug/l	100
52) Toluene	10.12	92	310419	52.867	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	212691	53.743	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	230412	54.259	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	121651	53.413	ug/l	99
56) Ethyl methacrylate	10.40	69	207662	50.750	ug/l	99
57) 1,3-Dichloropropane	10.68	76	220402	52.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	315755	255.782	ug/l	100
59) 2-Hexanone	10.72	43	692492	257.743	ug/l	100
60) Dibromochloromethane	10.87	129	137395	54.075	ug/l	100
61) 1,2-Dibromoethane	10.98	107	125272	52.821	ug/l	99
64) Tetrachloroethene	10.60	164	94974	48.558	ug/l	98
65) Chlorobenzene	11.40	112	322491	51.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	120566	50.783	ug/l	98
67) Ethyl Benzene	11.48	91	598276	51.704	ug/l	100
68) m/p-Xylenes	11.59	106	439284	105.622	ug/l	100
69) o-Xylene	11.92	106	213701	54.110	ug/l	99
70) Styrene	11.94	104	369155	55.333	ug/l	100
71) Bromoform	12.10	173	94821	53.193	ug/l #	99
73) Isopropylbenzene	12.22	105	566619	49.538	ug/l	100
74) N-amyl acetate	12.04	43	274642	53.766	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	189346	47.638	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	251877	68.408	ug/l #	100
77) Bromobenzene	12.50	156	137393	49.984	ug/l	96
78) n-propylbenzene	12.56	91	681136	50.838	ug/l	99
79) 2-Chlorotoluene	12.65	91	413487	50.077	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	499489	52.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	67655	51.151	ug/l	98
82) 4-Chlorotoluene	12.75	91	432455	50.318	ug/l	100
83) tert-Butylbenzene	12.97	119	401800	51.001	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	493564	53.028	ug/l	99
85) sec-Butylbenzene	13.15	105	542744	51.458	ug/l	100
86) p-Isopropyltoluene	13.26	119	488359	53.834	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	242945	50.365	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	239779	50.496	ug/l	100
89) n-Butylbenzene	13.59	91	408397	52.394	ug/l	99
90) Hexachloroethane	13.85	117	92761	48.034	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	233803	50.690	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37115	51.431	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

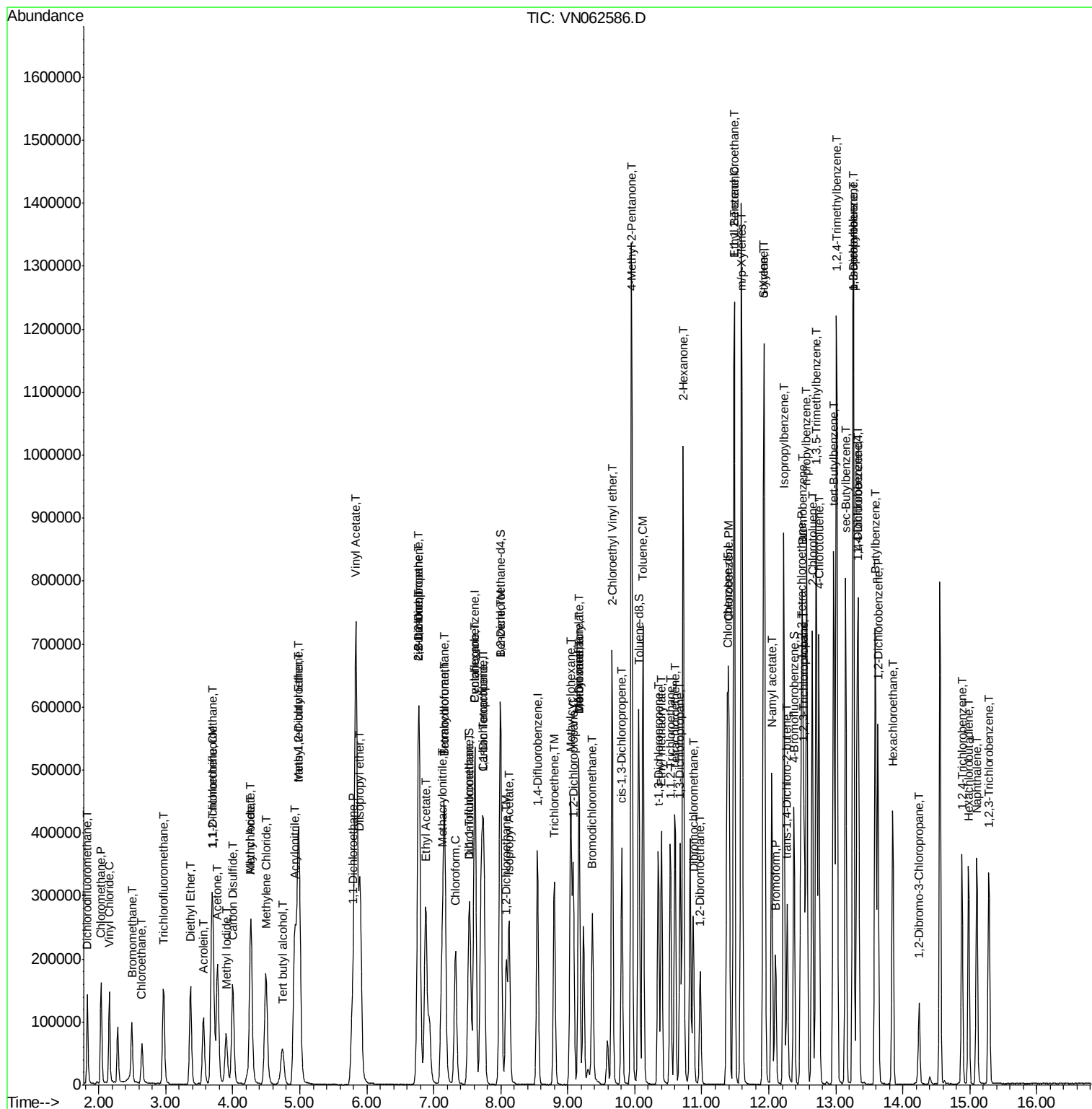
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111691	46.300	ug/l	99
94) Hexachlorobutadiene	14.98	225	65927	52.861	ug/l	99
95) Naphthalene	15.10	128	296198	46.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	112513	51.763	ug/l	98

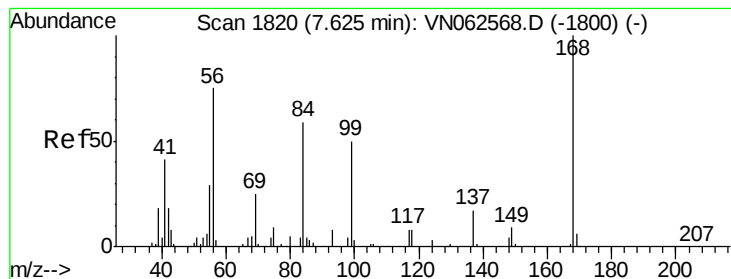
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072220\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

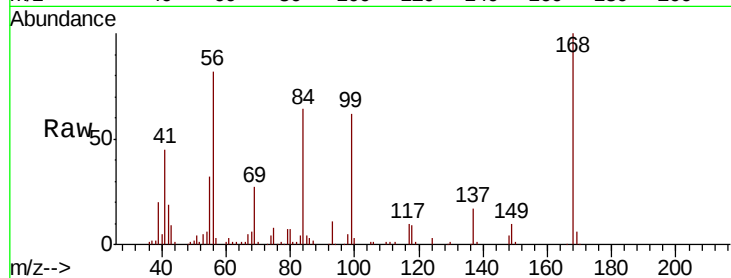
BFB

Tot Ion:168 Resp: 192866

Ion Ratio Lower Upper

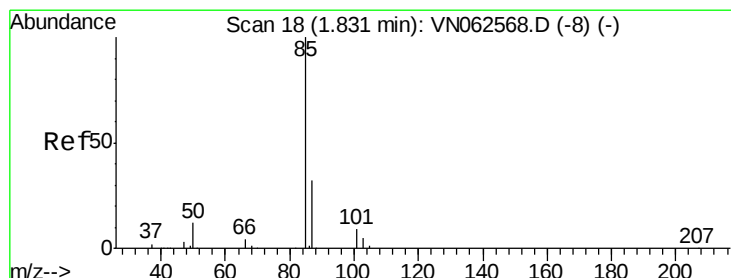
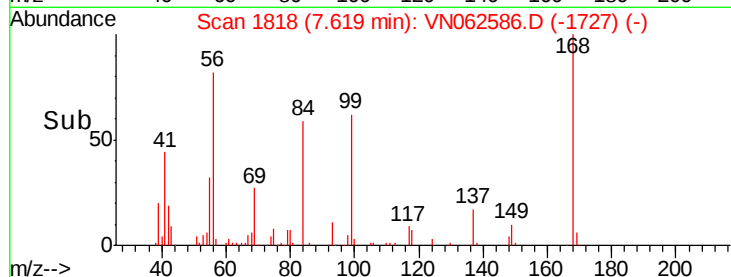
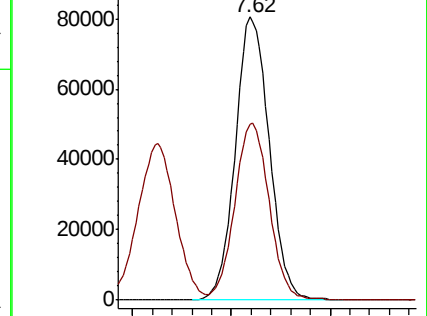
168 100

99 62.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.045 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062586.D

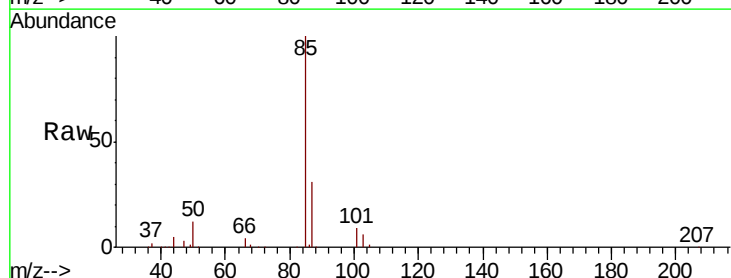
Acq: 22 Jul 2020 10:27

Tgt Ion: 85 Resp: 112830

Ion Ratio Lower Upper

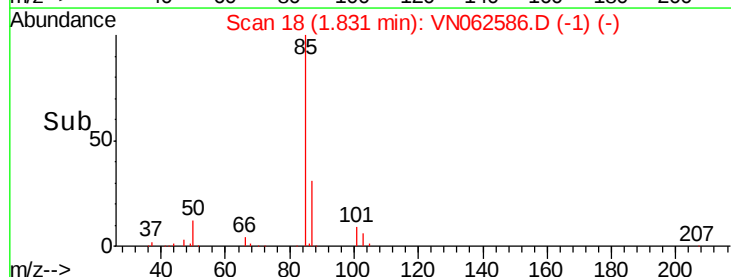
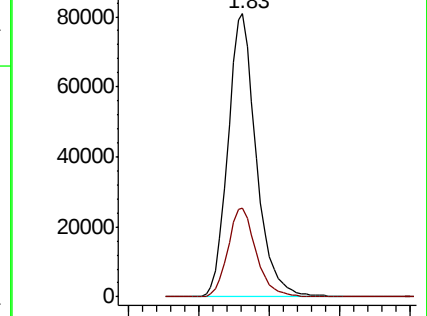
85 100

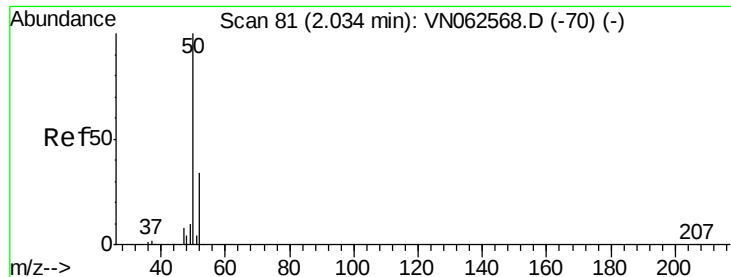
87 31.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 49.265 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

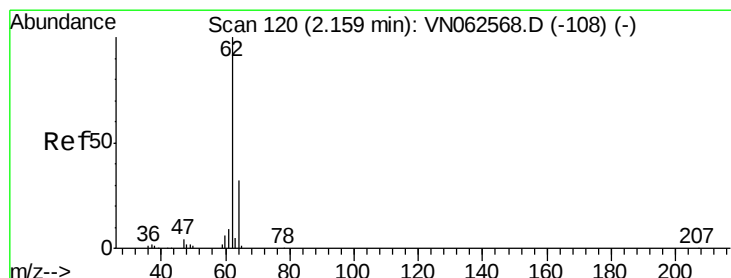
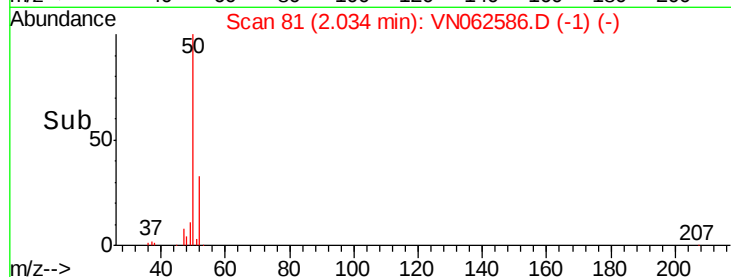
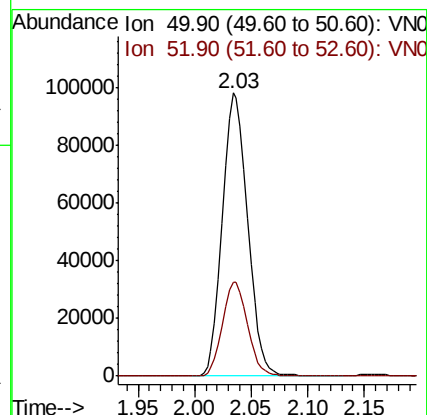
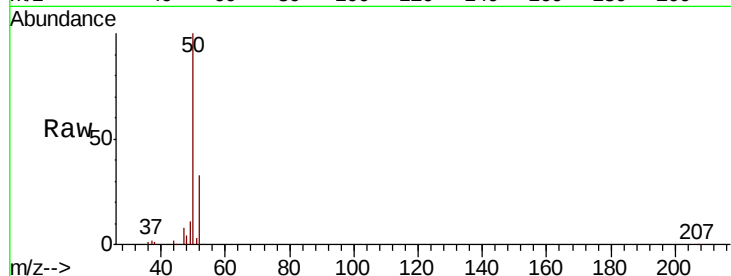
BFB

Tot Ion: 50 Resp: 153718

Ion Ratio Lower Upper

50 100

52 33.3 27.0 40.4



#4

Vinyl Chloride

Concen: 47.461 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062586.D

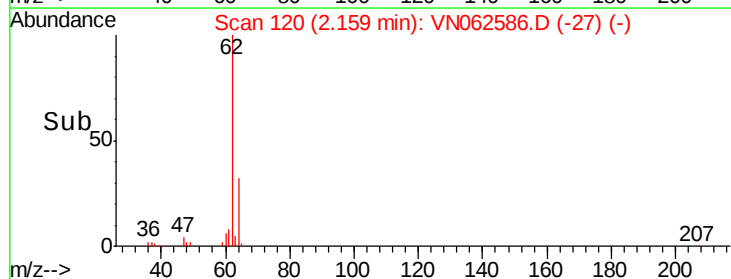
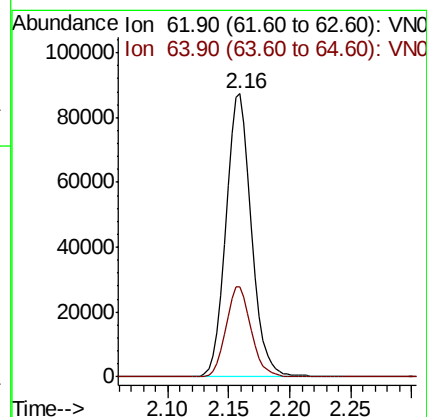
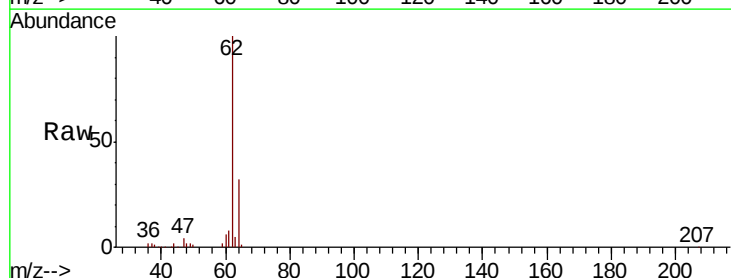
Acq: 22 Jul 2020 10:27

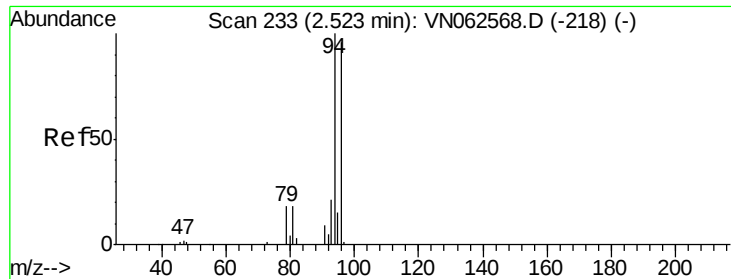
Tgt Ion: 62 Resp: 128379

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 47.839 ug/l

RT: 2.49 min Scan# 224

Delta R.T. -0.03 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

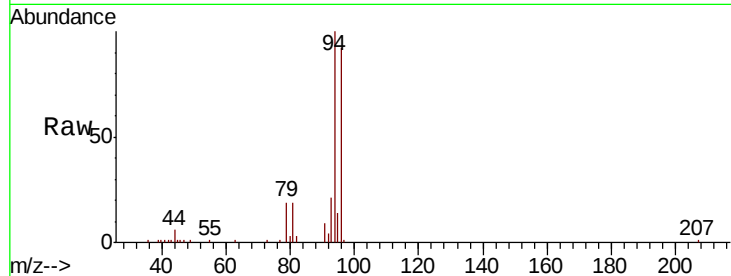
BFB

Tot Ion: 94 Resp: 57314

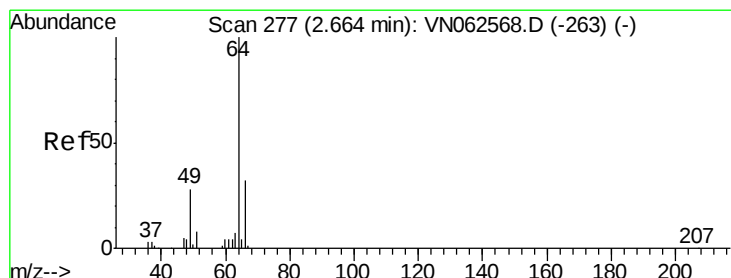
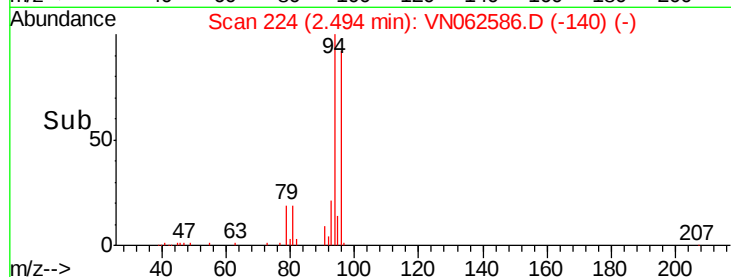
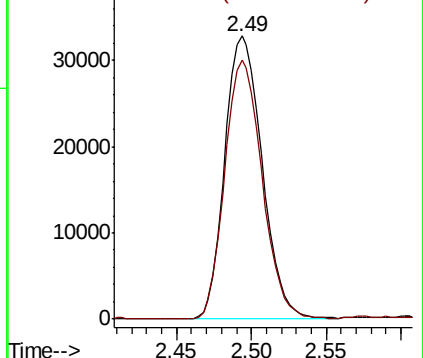
Ion Ratio Lower Upper

94 100

96 91.6 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 50.090 ug/l

RT: 2.64 min Scan# 271

Delta R.T. -0.02 min

Lab File: VN062586.D

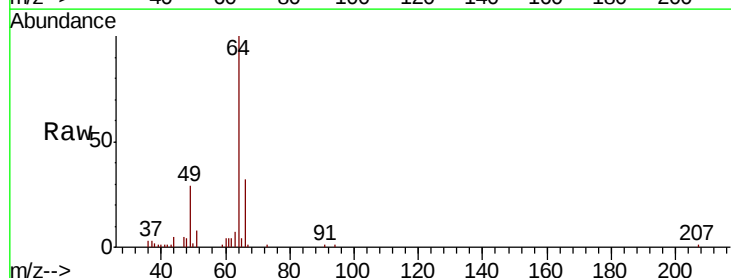
Acq: 22 Jul 2020 10:27

Tgt Ion: 64 Resp: 61288

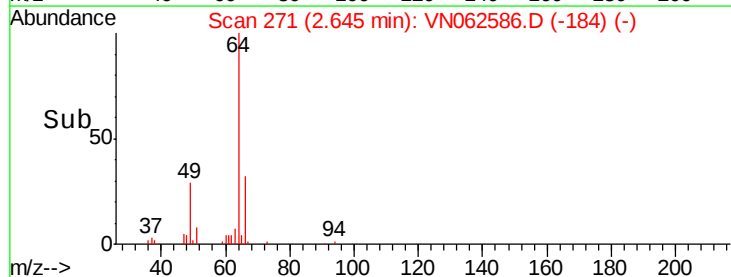
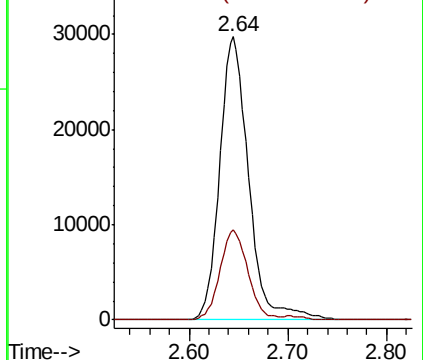
Ion Ratio Lower Upper

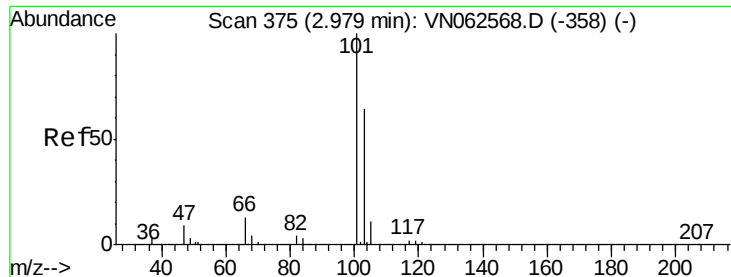
64 100

66 31.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



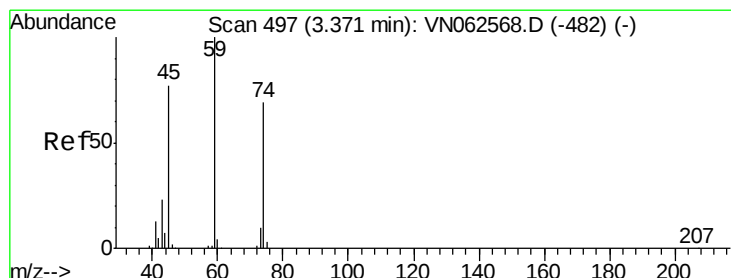
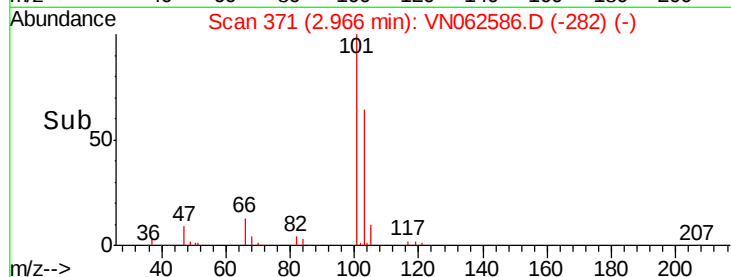
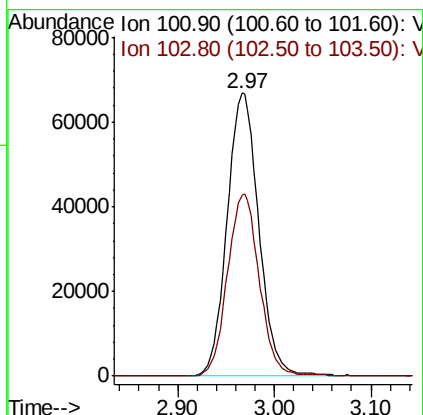
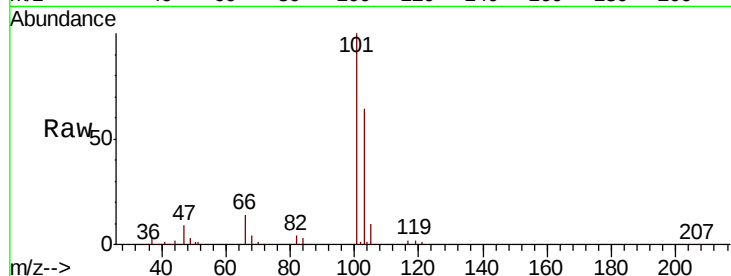


#7

Trichlorofluoromethane
Concen: 47.855 ug/l
RT: 2.97 min Scan# 371
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
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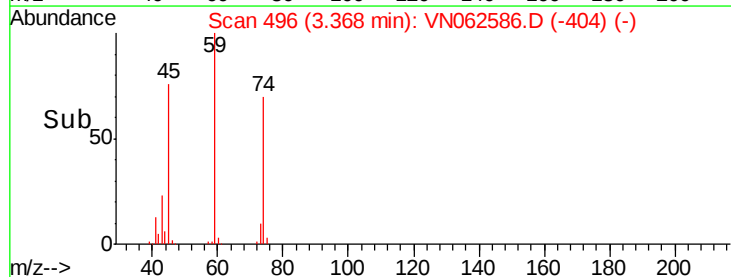
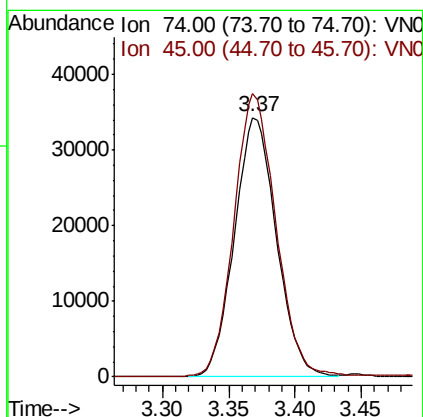
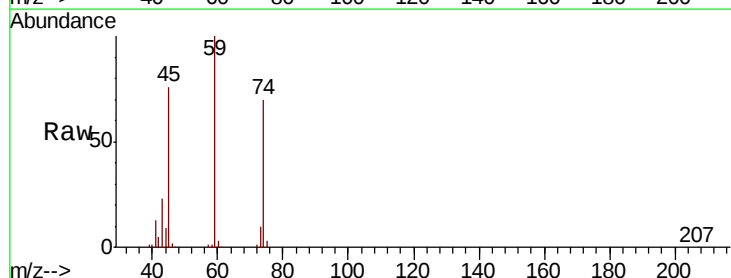
Tot Ion:101 Resp: 151981
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

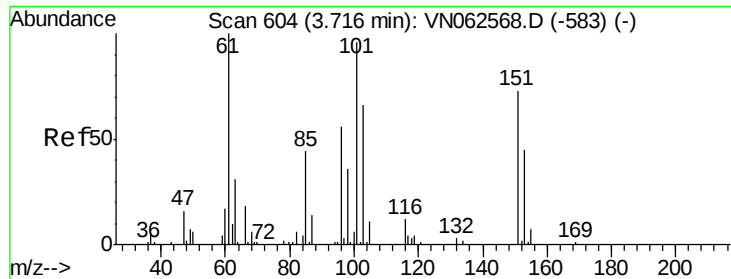


#8

Diethyl Ether
Concen: 51.003 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 74 Resp: 75747
Ion Ratio Lower Upper
74 100
45 109.1 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.236 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN062586.D

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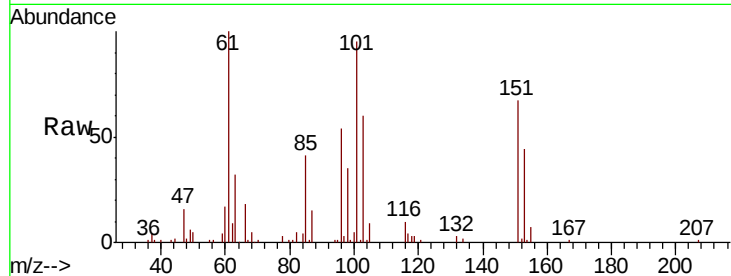
Tot Ion:101 Resp: 104327

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

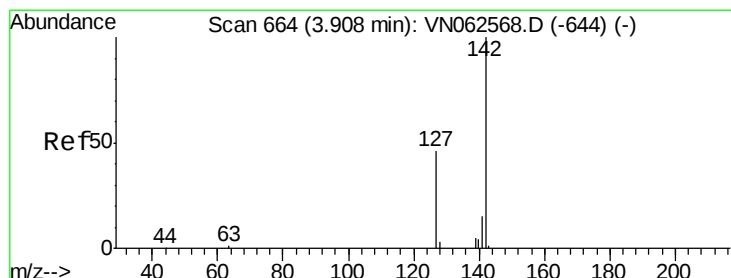
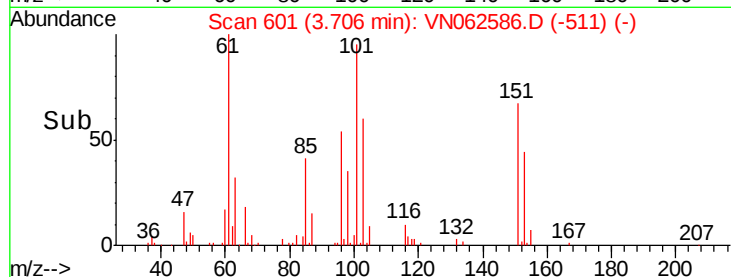
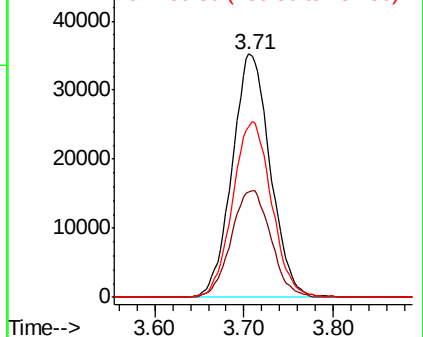
151 73.6 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.083 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

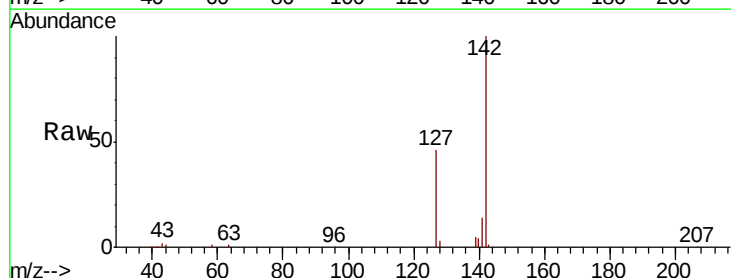
Tgt Ion:142 Resp: 132981

Ion Ratio Lower Upper

142 100

127 46.8 37.4 56.0

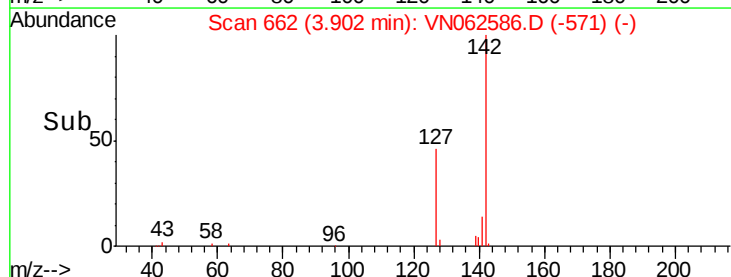
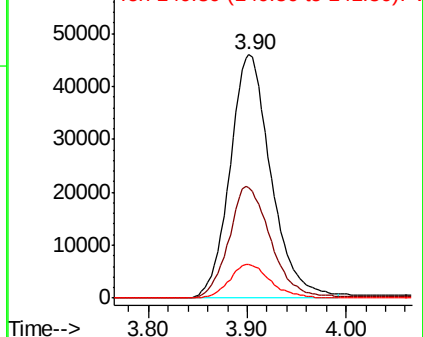
141 13.9 11.9 17.9

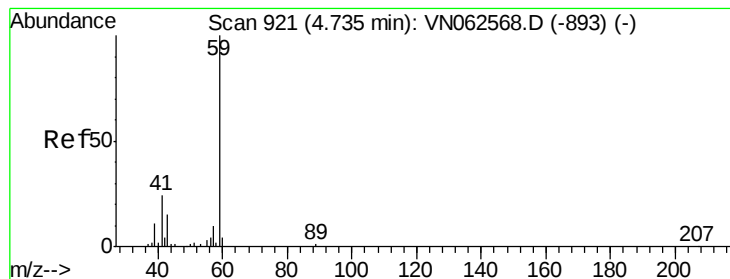


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 235.379 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

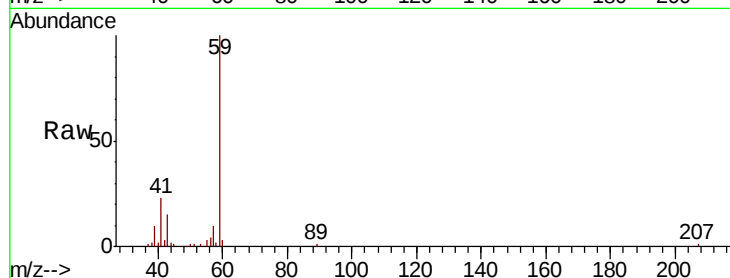
BFB

Tot Ion: 59 Resp: 112186

Ion Ratio Lower Upper

59 100

57 9.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN062586.D (-893) (-)

Ion 57.00 (56.70 to 57.70): VN062586.D (-893) (-)

4.74

30000

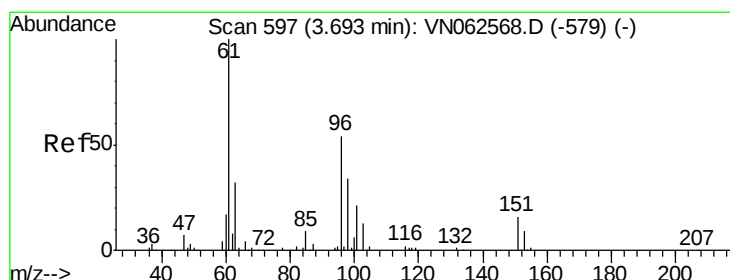
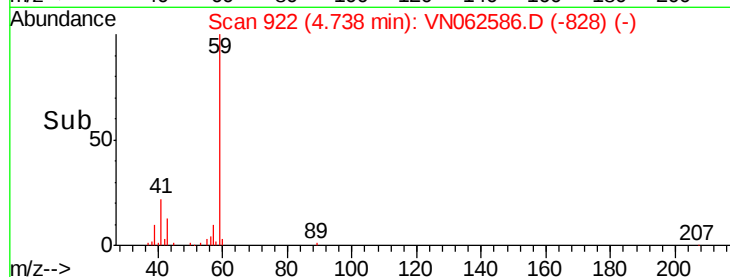
20000

10000

0

4.60 4.70 4.80 4.90

Time-->



#12

1,1-Dichloroethene

Concen: 47.919 ug/l

RT: 3.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

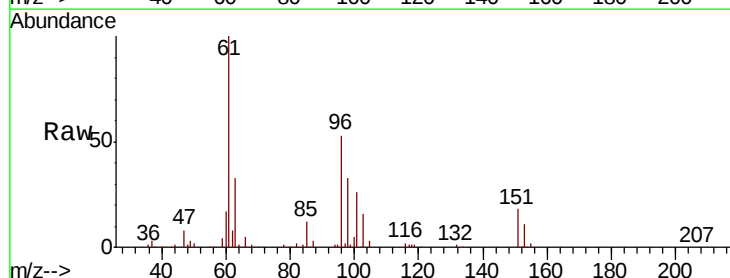
Tgt Ion: 96 Resp: 98958

Ion Ratio Lower Upper

96 100

61 189.2 148.6 222.8

98 62.4 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN062586.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN062586.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN062586.D (-579) (-)

100000

80000

60000

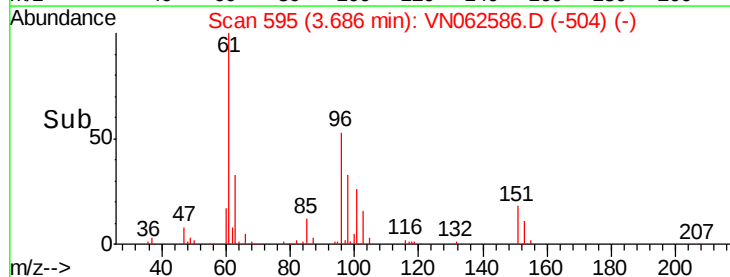
40000

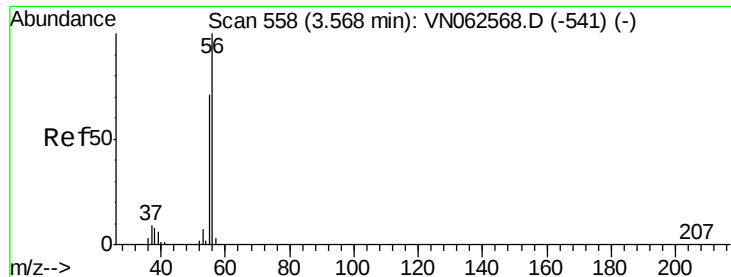
20000

0

3.60 3.70 3.80

Time-->





#13

Acrolein

Concen: 248.585 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

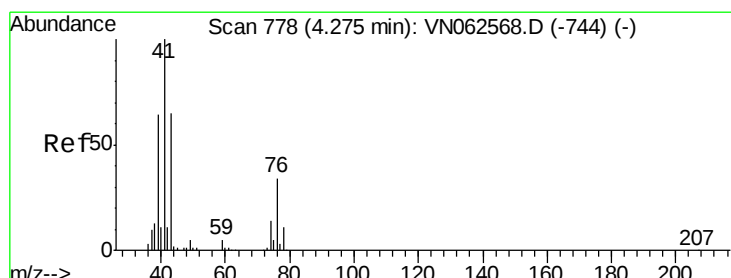
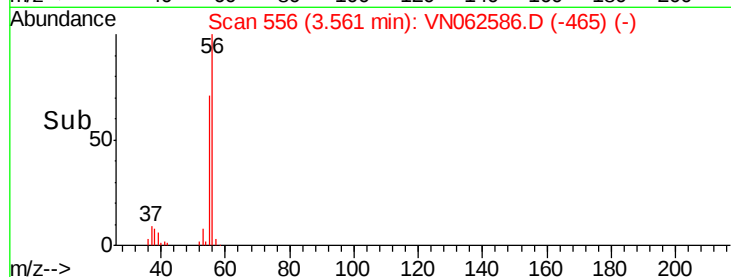
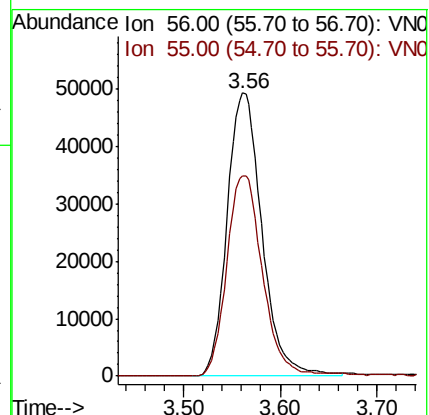
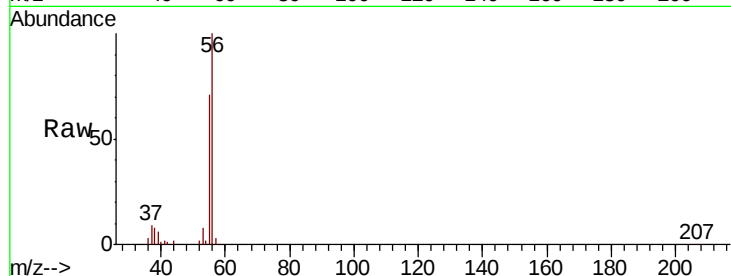
BFB

Tot Ion: 56 Resp: 123533

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 49.477 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

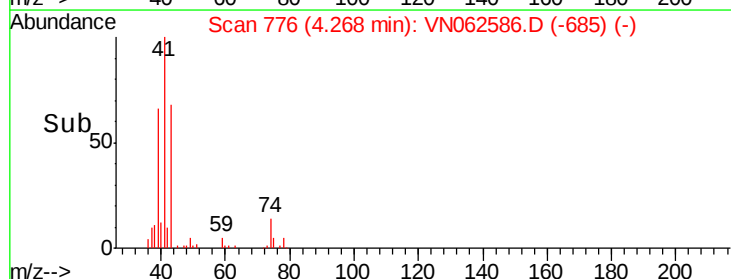
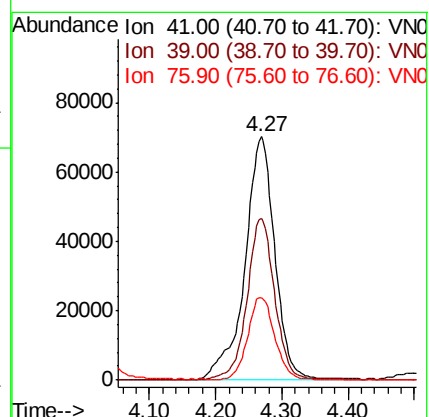
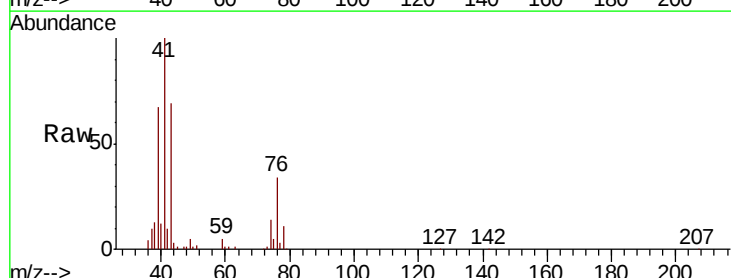
Tgt Ion: 41 Resp: 221015

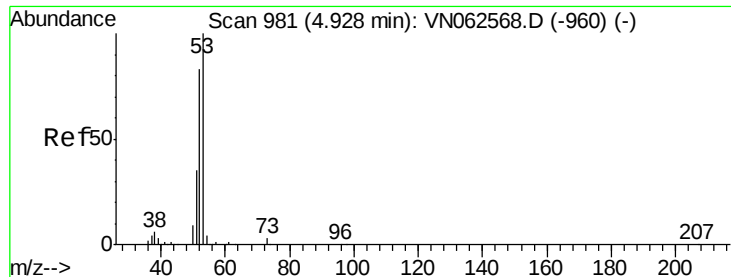
Ion Ratio Lower Upper

41 100

39 61.0 49.0 73.4

76 30.8 24.0 36.0





#15

Acrylonitrile

Concen: 255.421 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

BFB

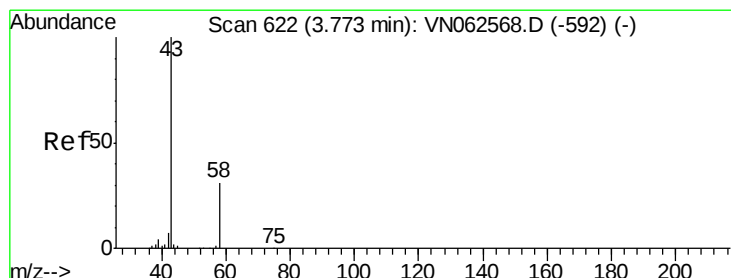
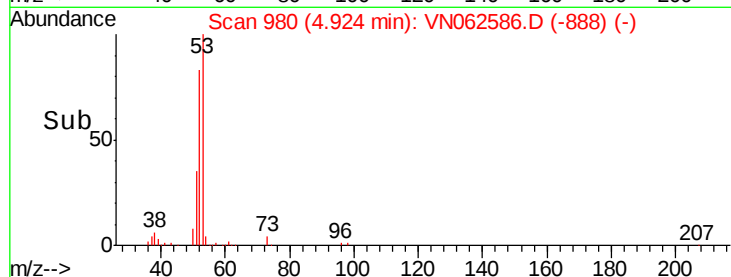
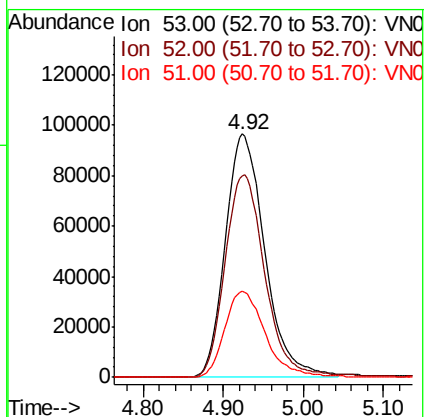
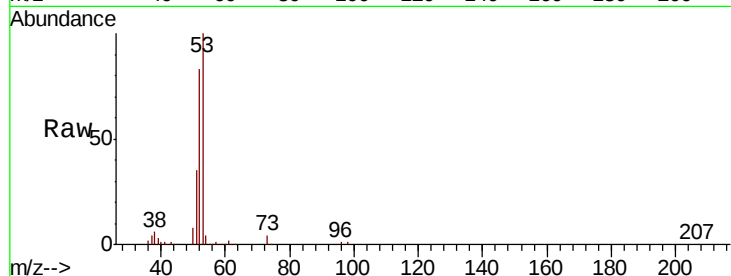
Tot Ion: 53 Resp: 326072

Ion Ratio Lower Upper

53 100

52 83.4 66.3 99.5

51 36.5 28.6 43.0



#16

Acetone

Concen: 273.831 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062586.D

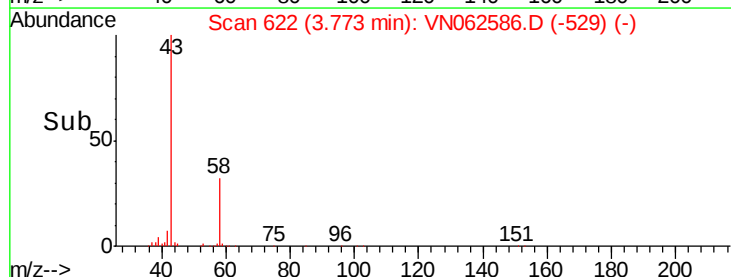
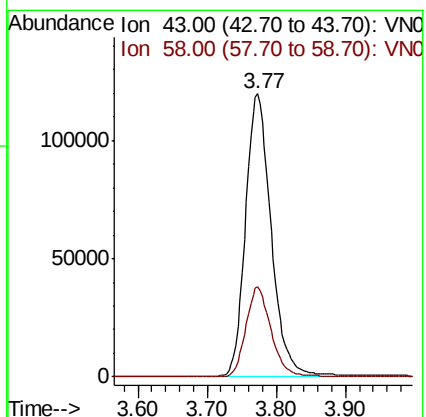
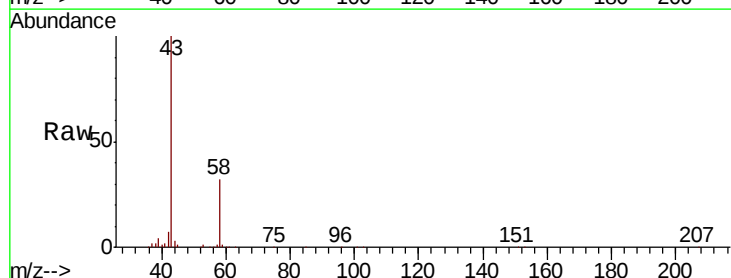
Acq: 22 Jul 2020 10:27

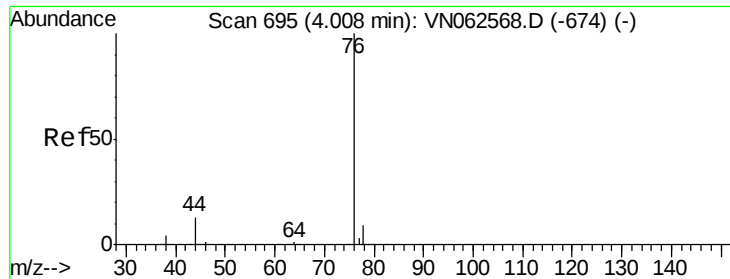
Tgt Ion: 43 Resp: 308730

Ion Ratio Lower Upper

43 100

58 31.7 24.6 37.0

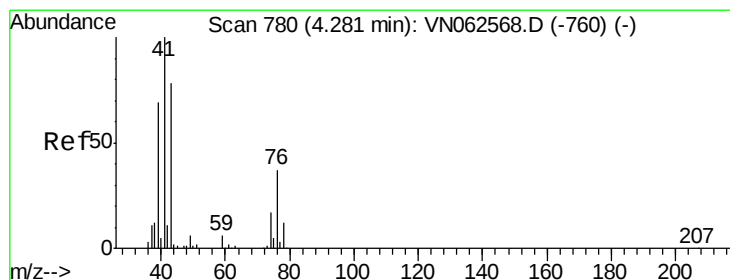
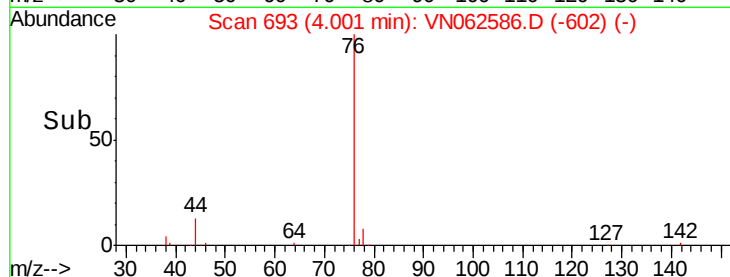
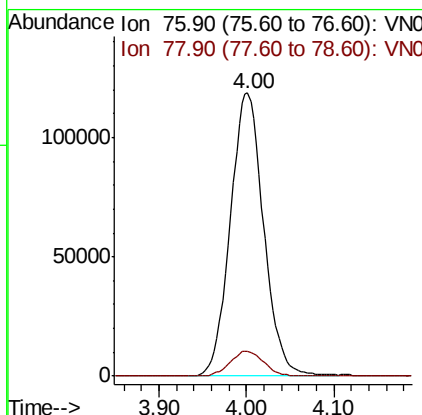
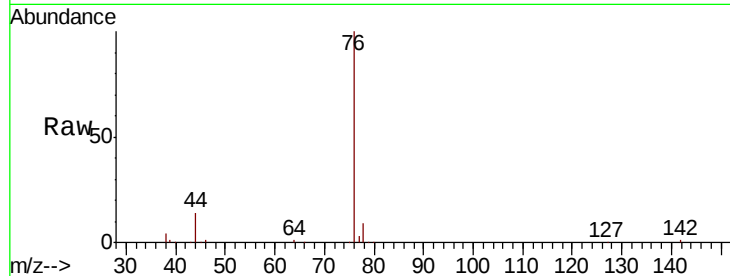




#17
Carbon Disulfide
Concen: 46.288 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

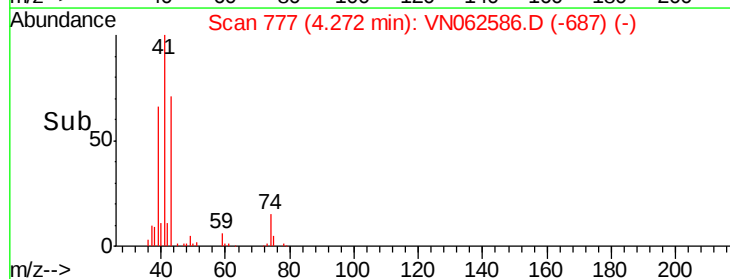
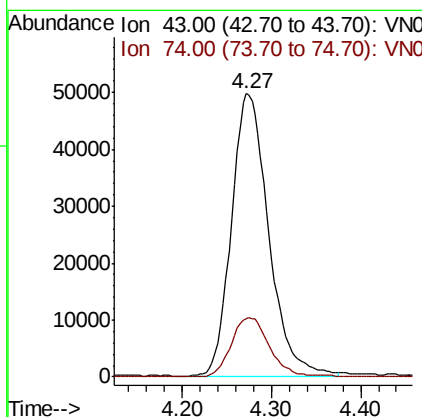
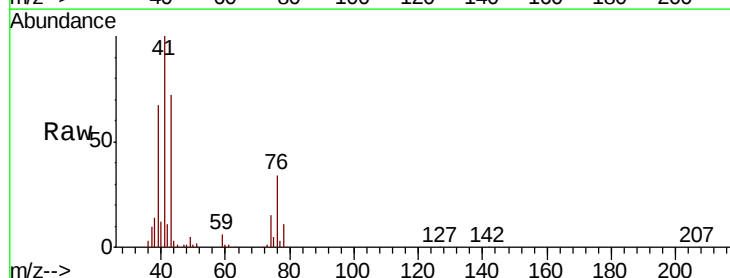
Instrument :
MSVOA_N
ClientSampled :
BFB

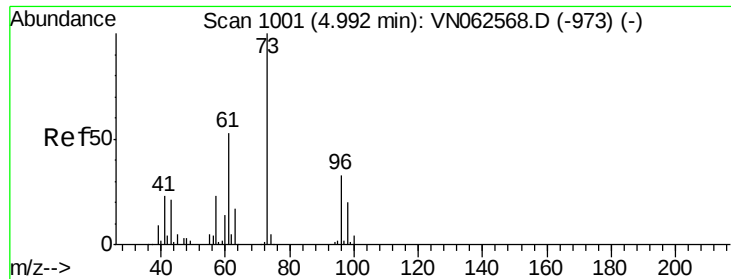
Tot Ion: 76 Resp: 314075
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 50.768 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 43 Resp: 144904
Ion Ratio Lower Upper
43 100
74 21.3 16.6 24.8

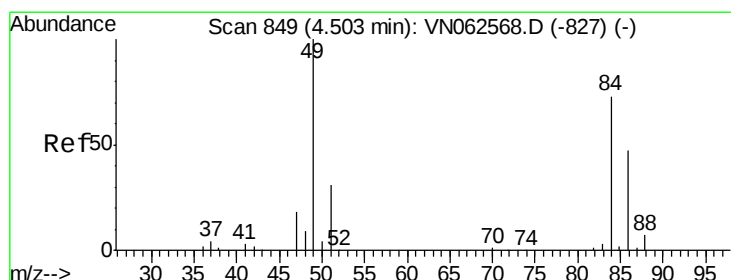
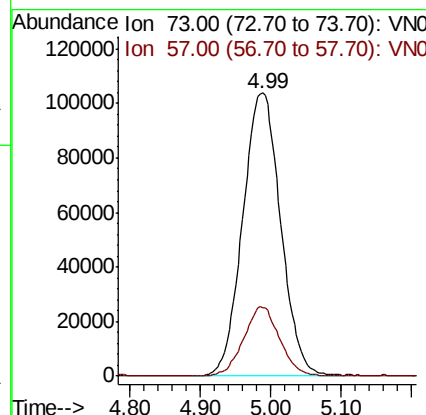
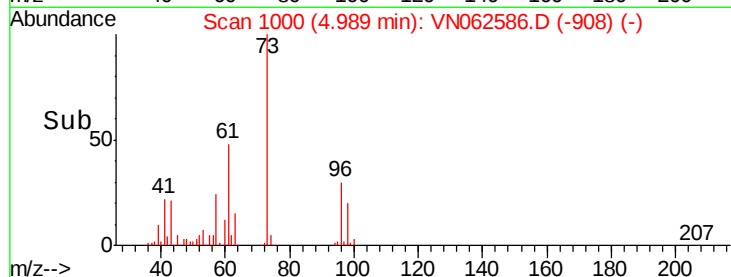
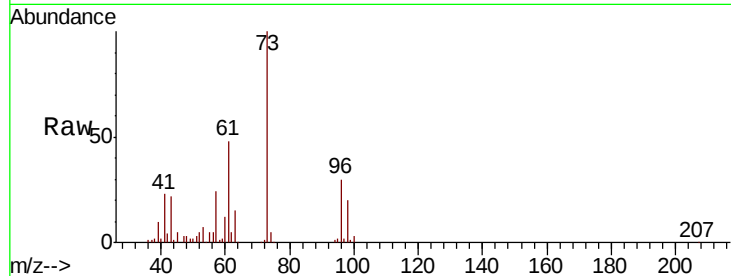




#19
Methyl tert-butyl Ether
Concen: 51.298 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

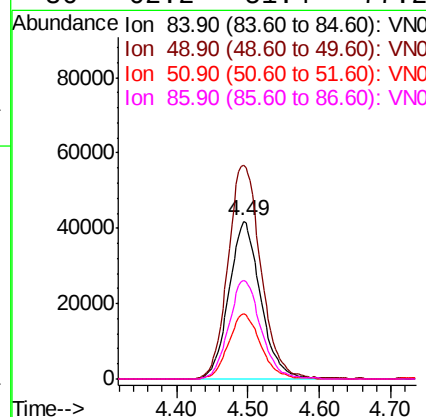
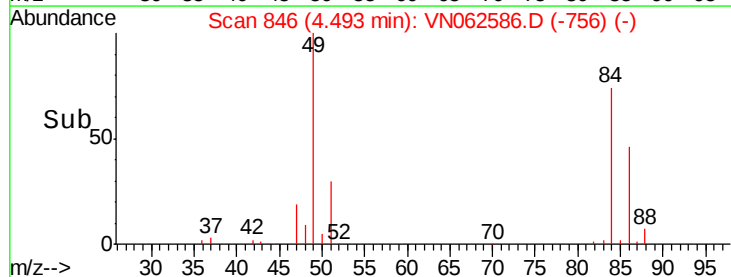
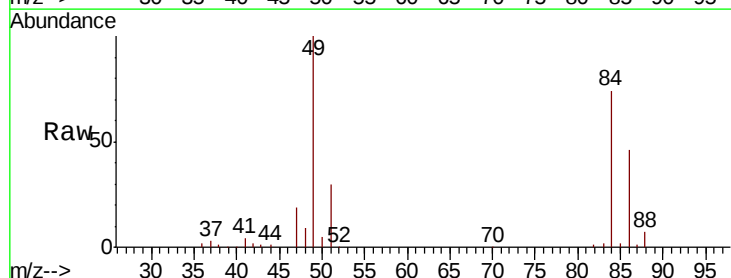
Instrument :
MSVOA_N
ClientSampleId :
BFB

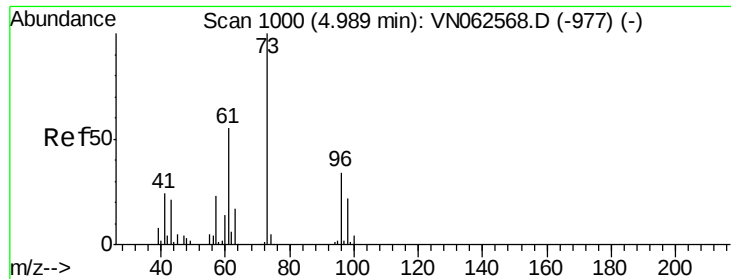
Tot Ion: 73 Resp: 389906
Ion Ratio Lower Upper
73 100
57 24.3 18.6 27.8



#20
Methylene Chloride
Concen: 47.811 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 84 Resp: 129286
Ion Ratio Lower Upper
84 100
49 135.1 109.4 164.0
51 41.1 33.6 50.4
86 62.2 51.4 77.2

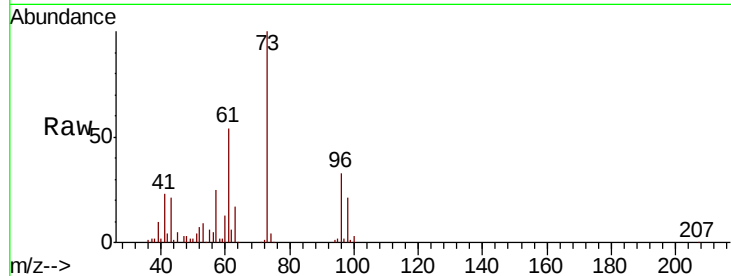




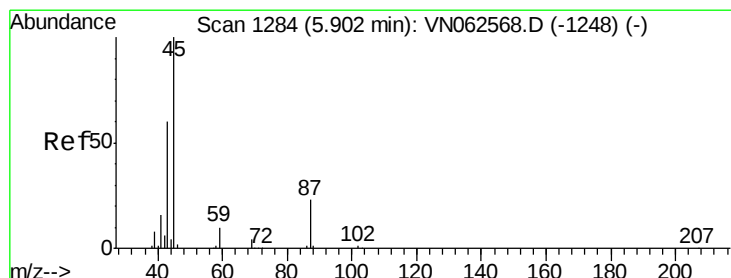
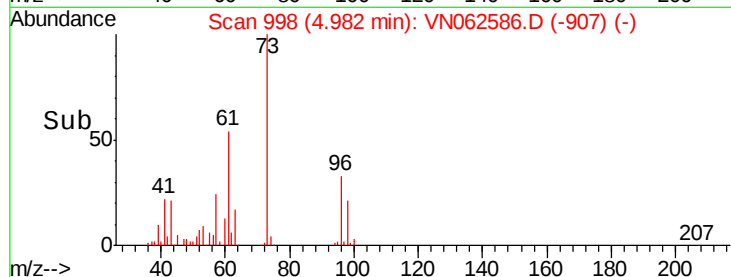
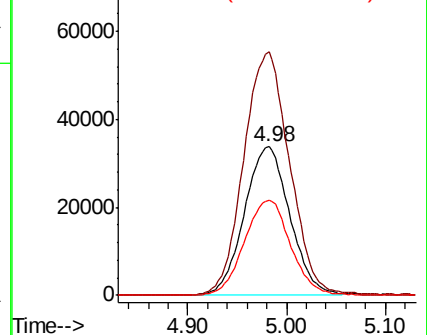
#21
trans-1,2-Dichloroethene
Concen: 47.102 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 96 Resp: 107958
Ion Ratio Lower Upper
96 100
61 164.0 128.6 192.8
98 63.8 50.6 76.0

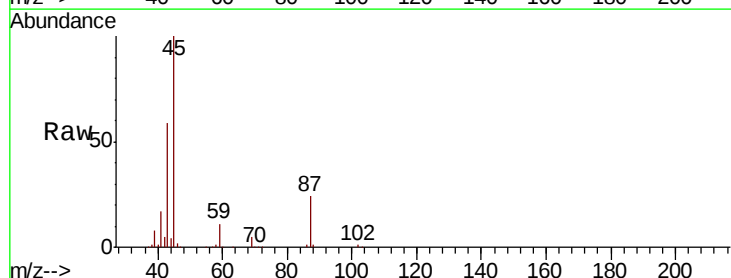


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

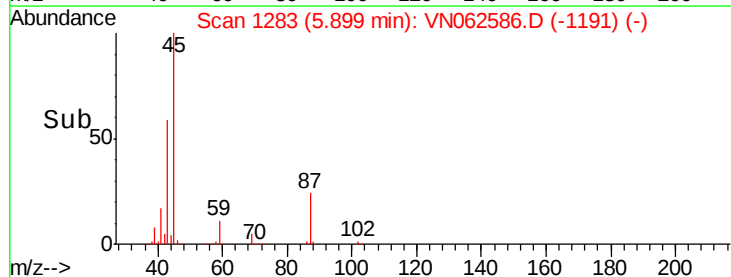
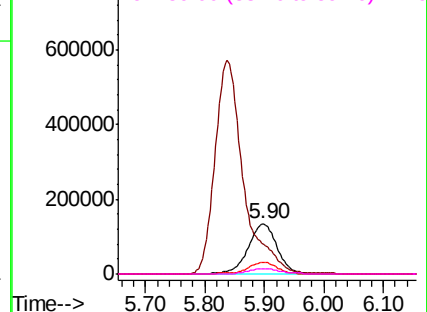


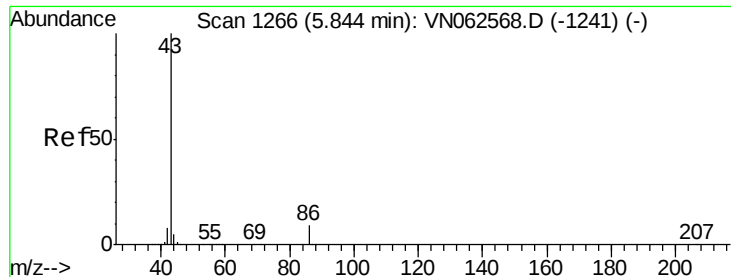
#22
Diisopropyl ether
Concen: 51.421 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 45 Resp: 456582
Ion Ratio Lower Upper
45 100
43 57.7 48.7 73.1
87 23.7 19.0 28.6
59 10.8 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 262.609 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

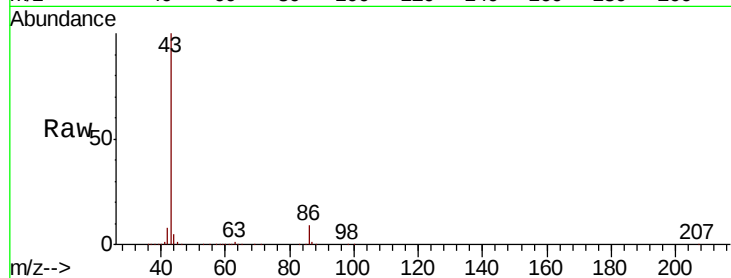
BFB

Tot Ion: 43 Resp: 1910609

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062586.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062586.D (-1241) (-)

5.84

600000

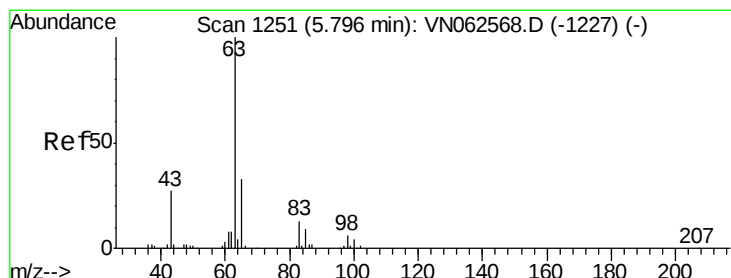
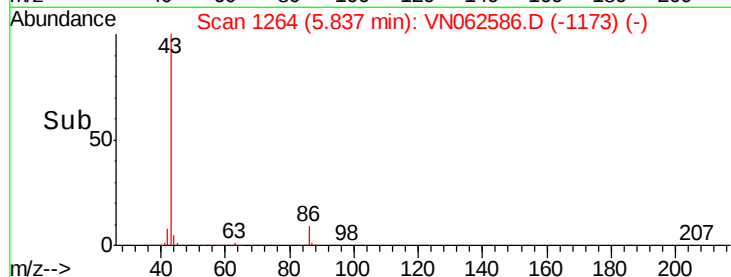
400000

200000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.925 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

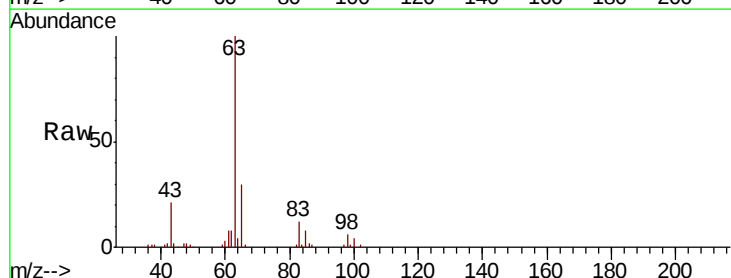
Tgt Ion: 63 Resp: 238713

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 4.0 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062586.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062586.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062586.D (-1158) (-)

100000

80000

60000

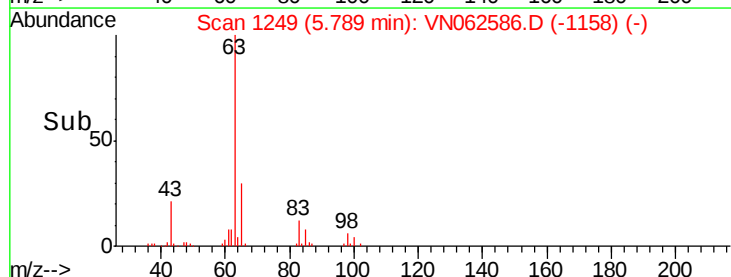
40000

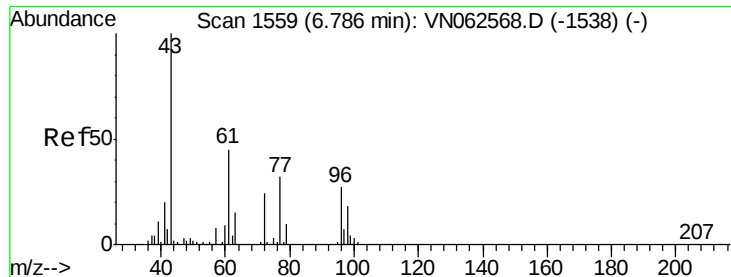
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 262.890 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

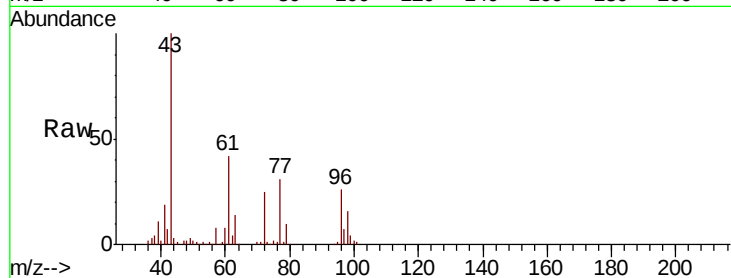
BFB

Tot Ion: 43 Resp: 451401

Ion Ratio Lower Upper

43 100

72 24.6 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN062586.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN062586.D (-1538) (-)

6.78

150000

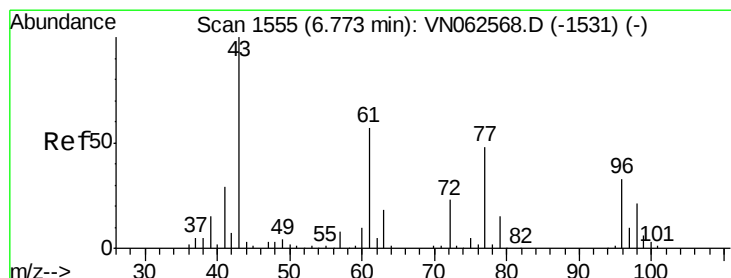
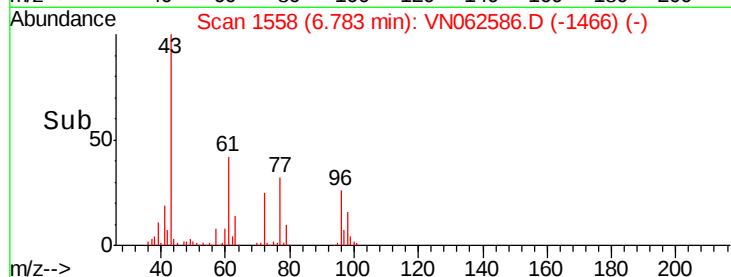
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 48.434 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062586.D

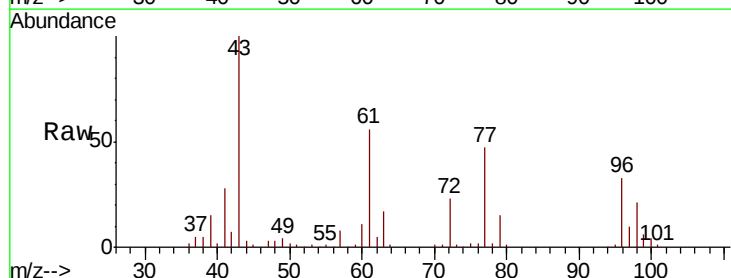
Acq: 22 Jul 2020 10:27

Tgt Ion: 77 Resp: 190110

Ion Ratio Lower Upper

77 100

97 21.3 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VN062586.D (-1462) (-)

Ion 96.90 (96.60 to 97.60): VN062586.D (-1462) (-)

6.77

60000

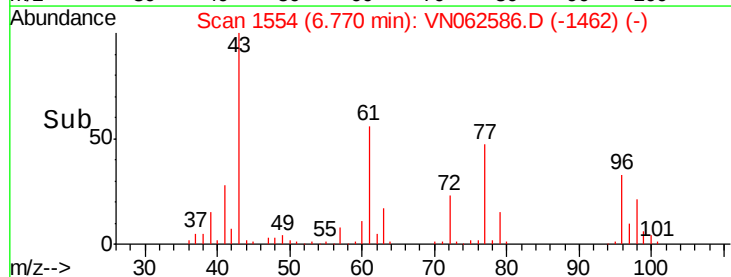
40000

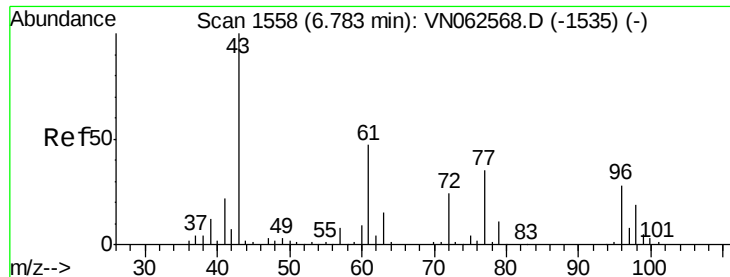
20000

0

6.70 6.80 6.90

Time-->

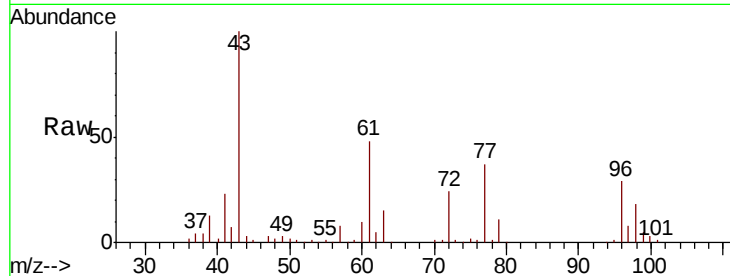




#27
 cis-1,2-Dichloroethene
 Concen: 48.887 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion	Ratio	Lower	Upper
96	100		
61	166.9	0.0	332.4
98	64.0	0.0	127.4

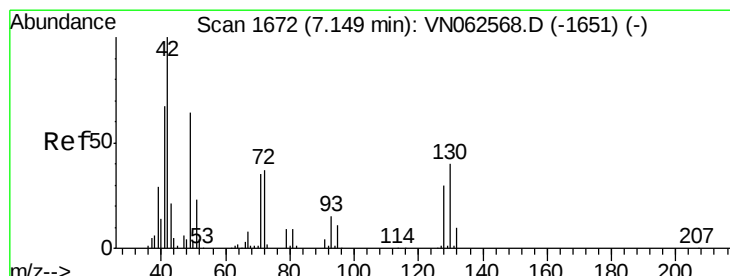
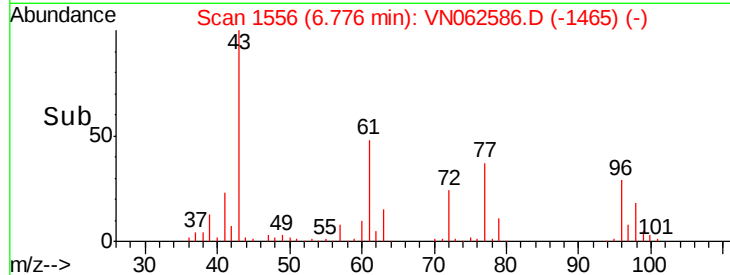
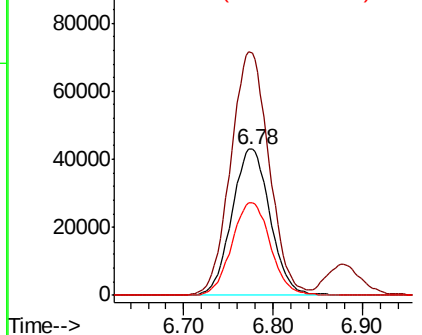


Abundance

Ion 95.90 (95.60 to 96.60): VN0

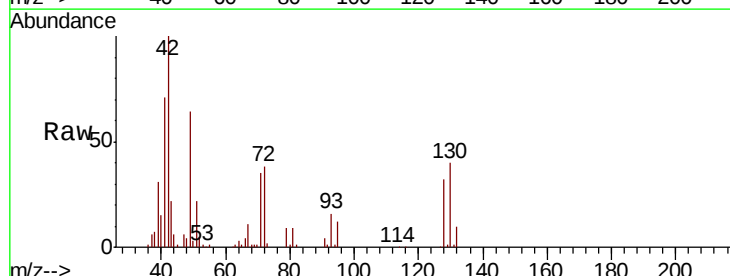
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 52.318 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.4
130	62.0	49.8	74.8

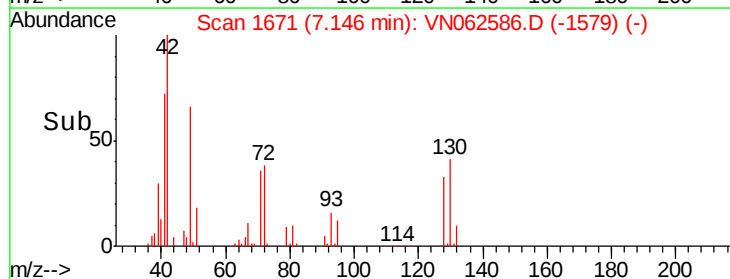
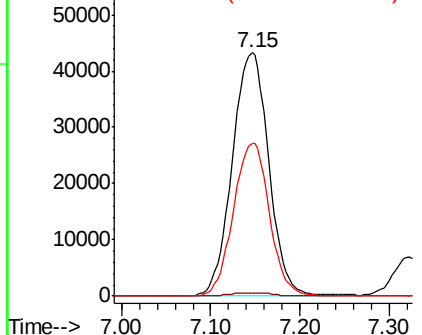


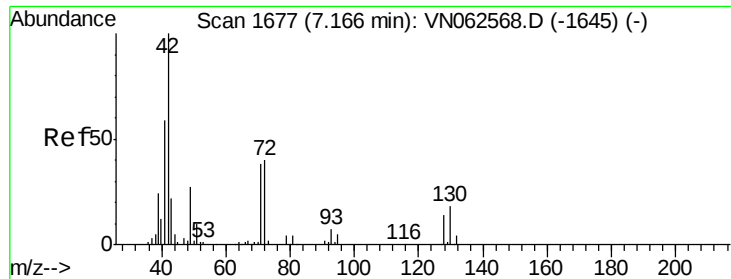
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

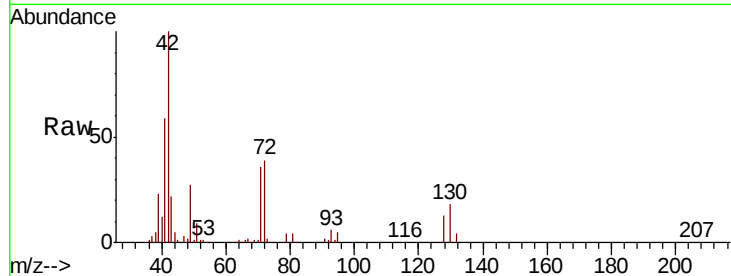




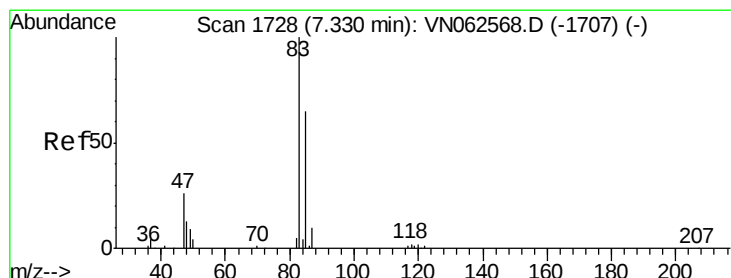
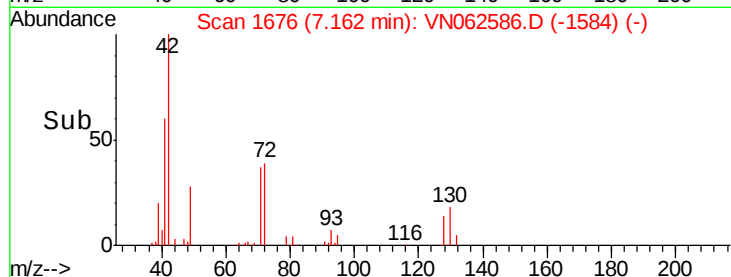
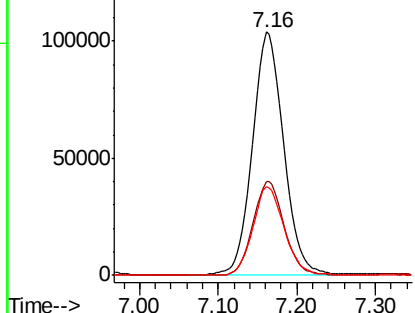
#29
Tetrahydrofuran
Concen: 253.446 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 42 Resp: 294471
Ion Ratio Lower Upper
42 100
72 38.2 30.7 46.1
71 36.5 29.1 43.7

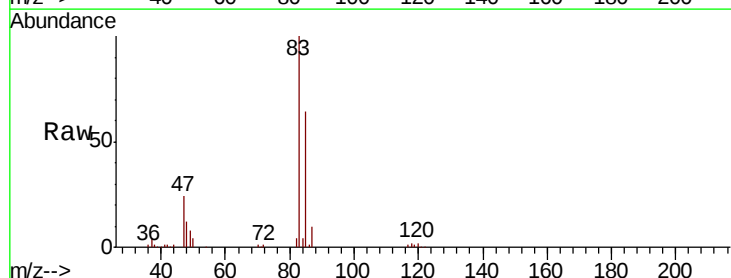


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

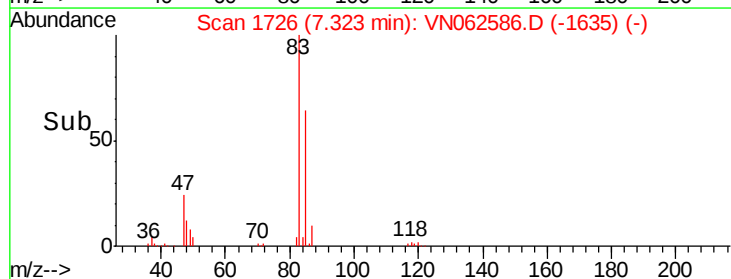
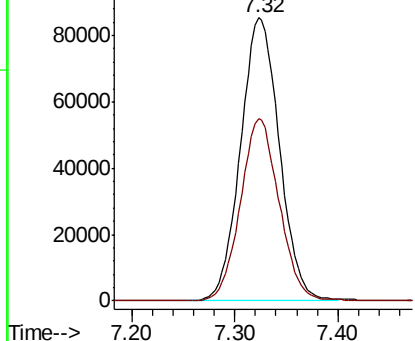


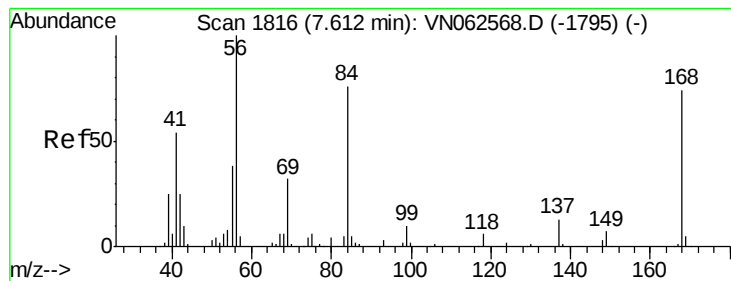
#30
Chloroform
Concen: 49.151 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 83 Resp: 223450
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0



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





#31

Cyclohexane

Concen: 46.617 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

BFB

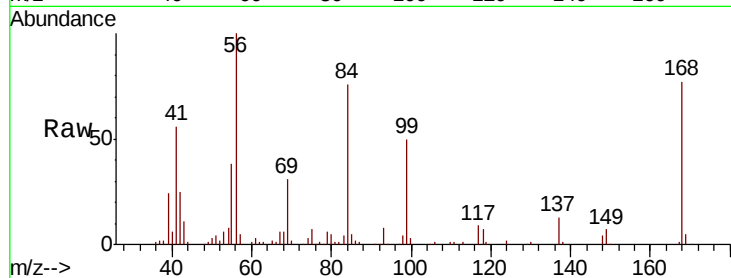
Tot Ion: 56 Resp: 205797

Ion Ratio Lower Upper

56 100

69 30.6 25.3 37.9

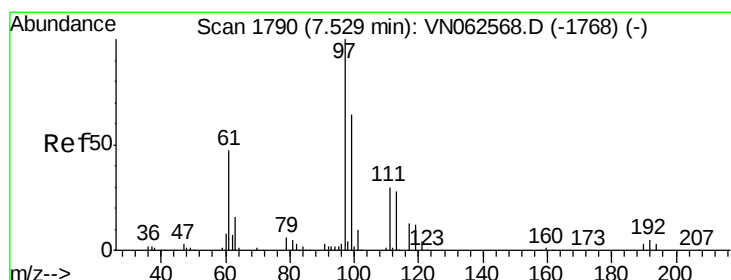
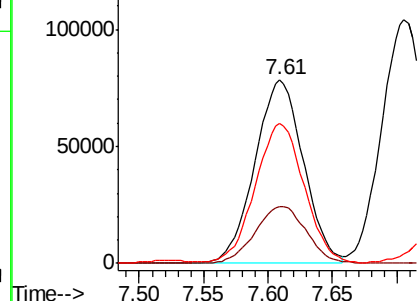
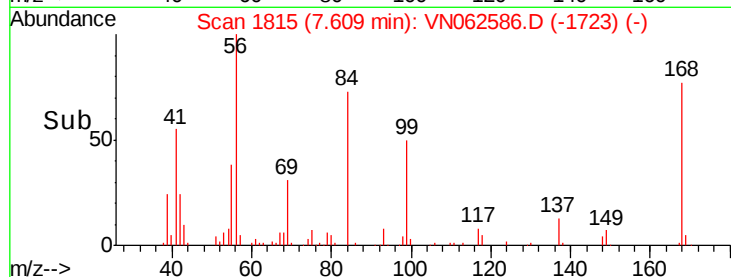
84 75.6 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.283 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

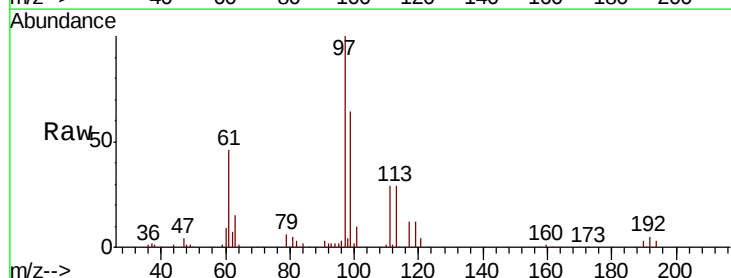
Tgt Ion: 97 Resp: 187060

Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

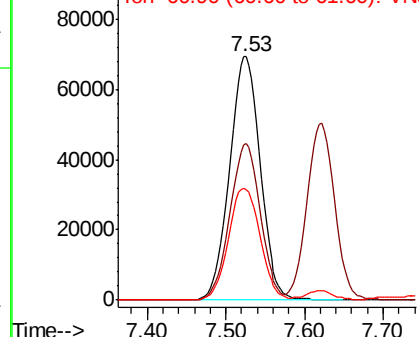
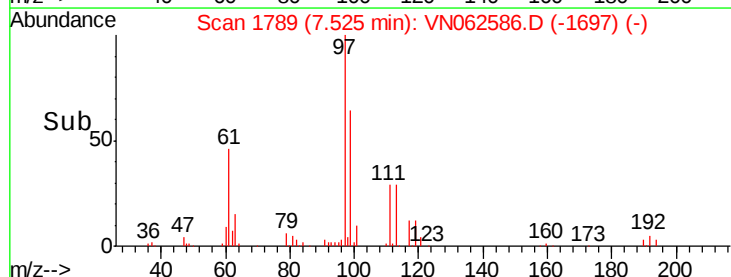
61 47.4 38.4 57.6

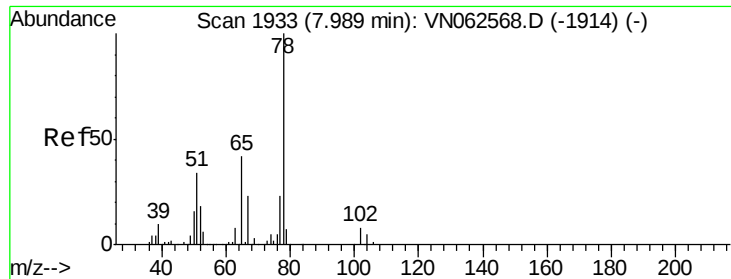


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

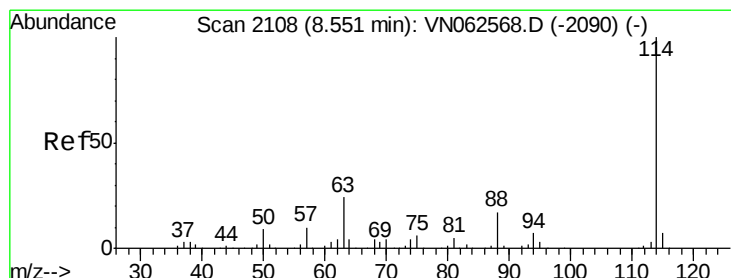
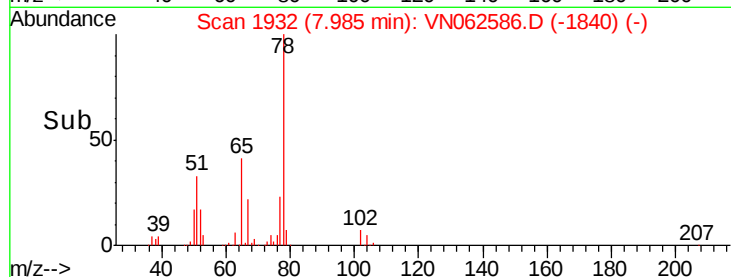
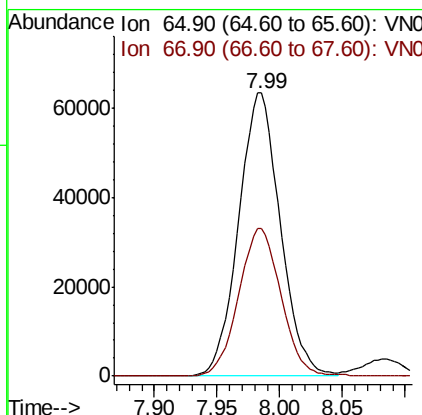
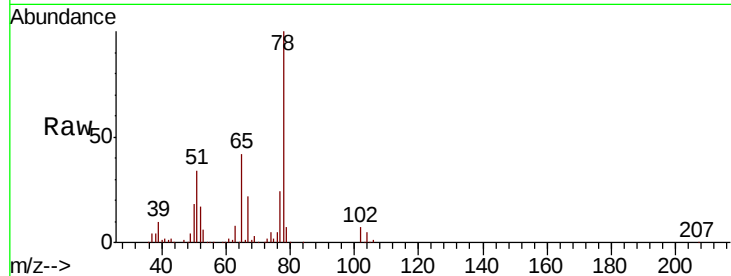




#33
 1,2-Dichloroethane-d4
 Concen: 48.957 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

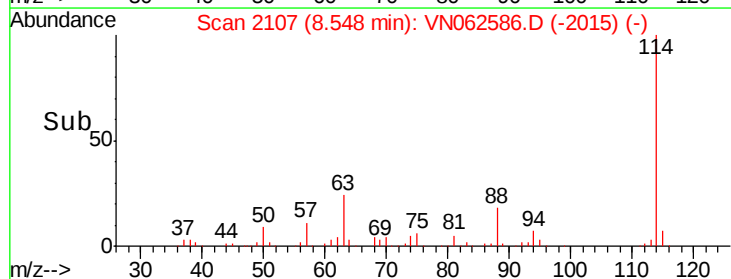
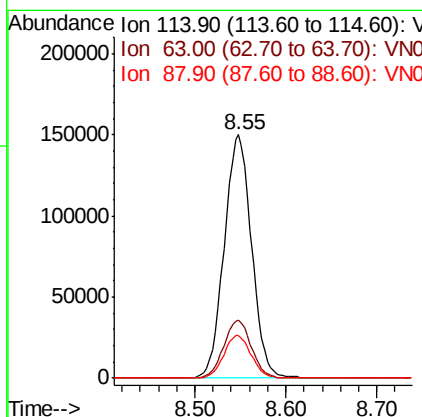
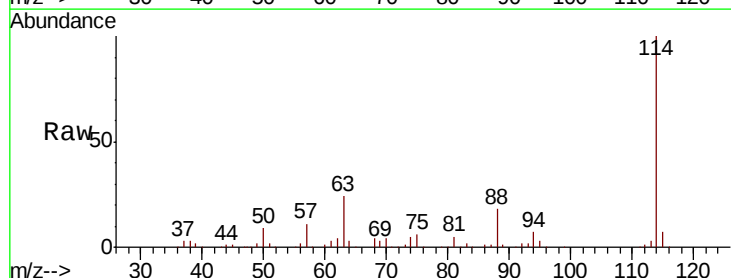
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

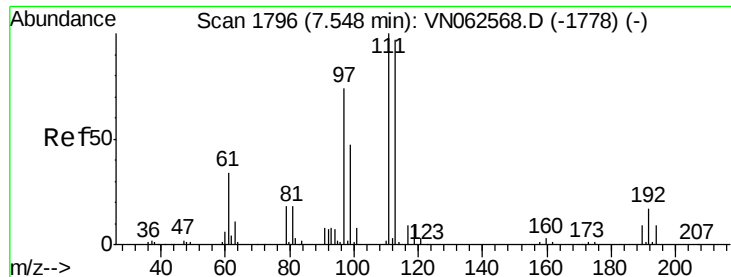
Tot Ion: 65 Resp: 146678
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 114 Resp: 313358
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.4
 88 17.5 0.0 33.8

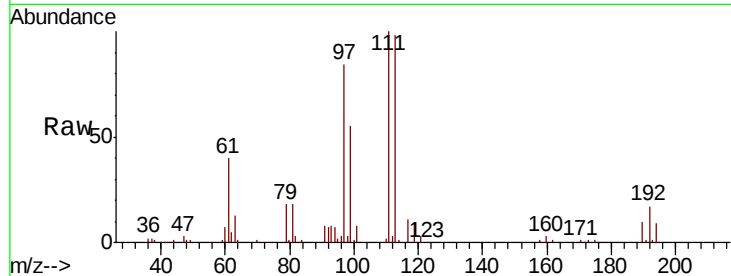




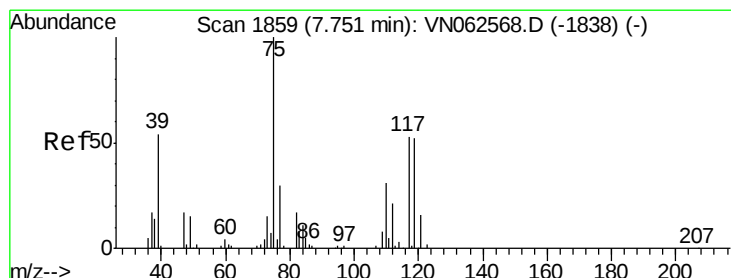
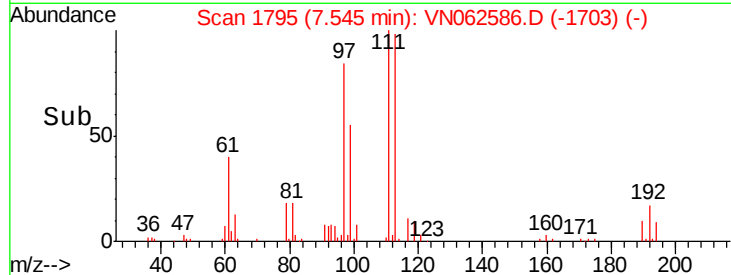
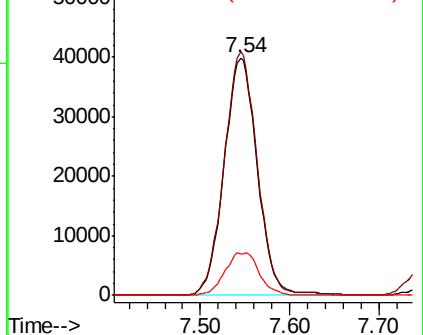
#35
 Dibromofluoromethane
 Concen: 49.861 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion:113 Resp: 102630
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 18.5 14.8 22.2

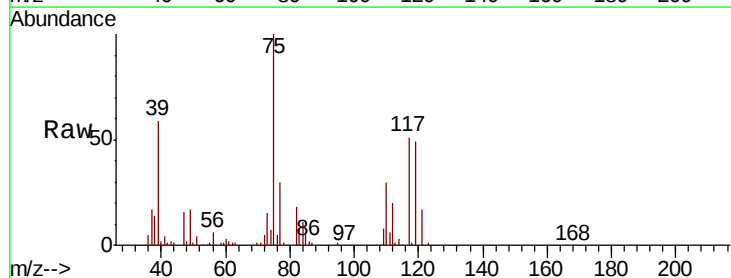


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

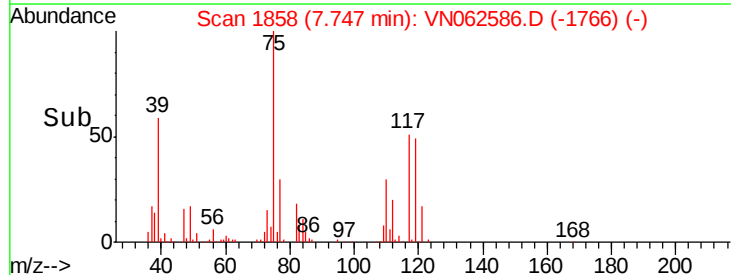
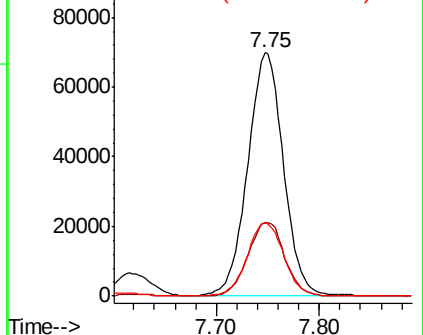


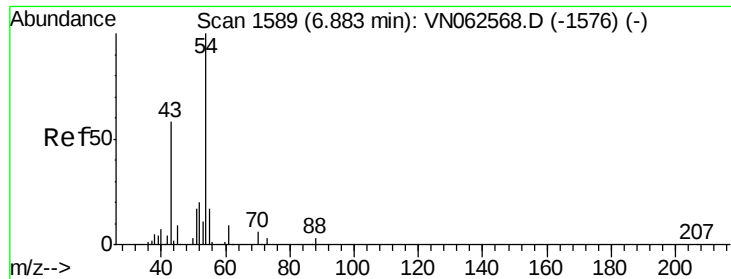
#36
 1,1-Dichloropropene
 Concen: 49.927 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 75 Resp: 166760
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 31.2 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

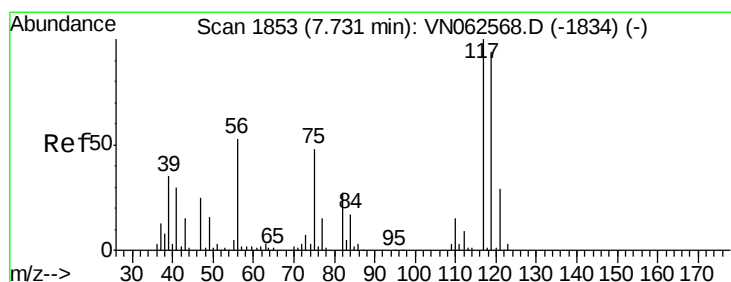
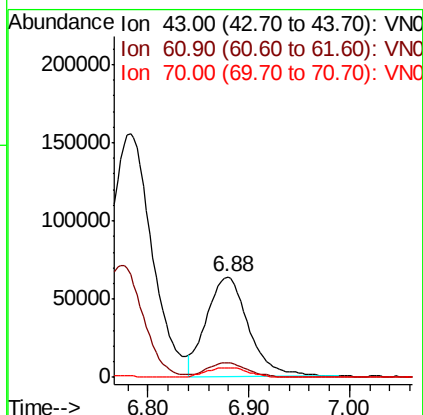
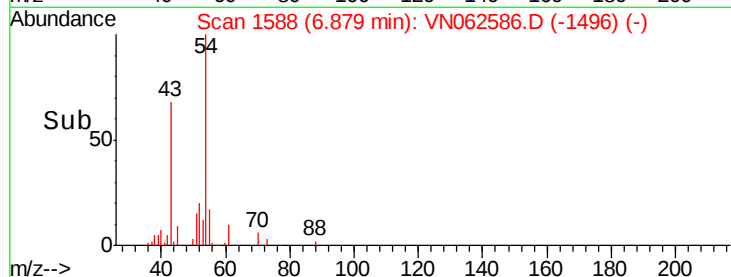
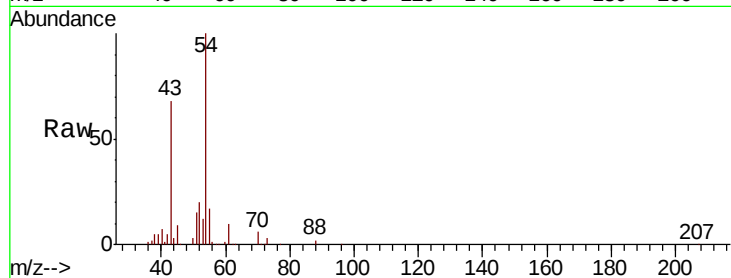




#37
Ethyl Acetate
Concen: 51.526 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

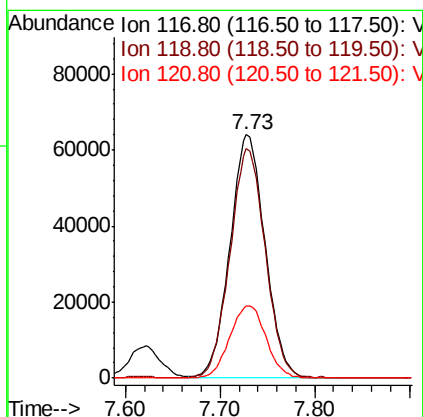
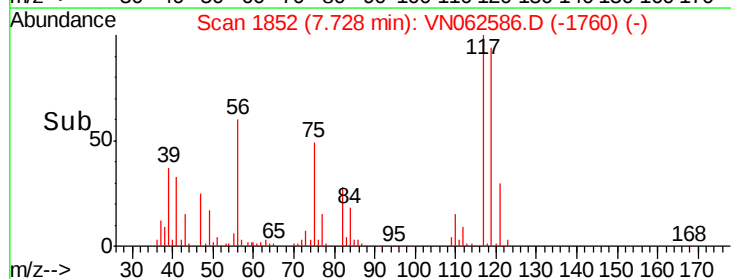
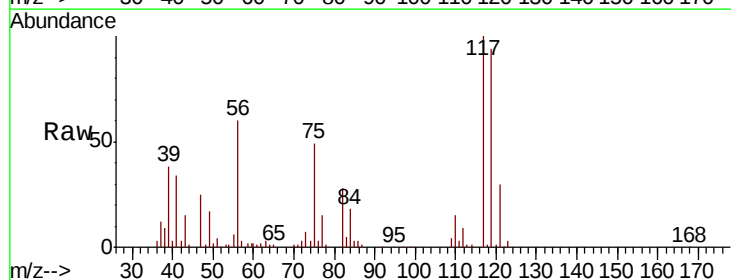
Instrument :
MSVOA_N
ClientSampleId :
BFB

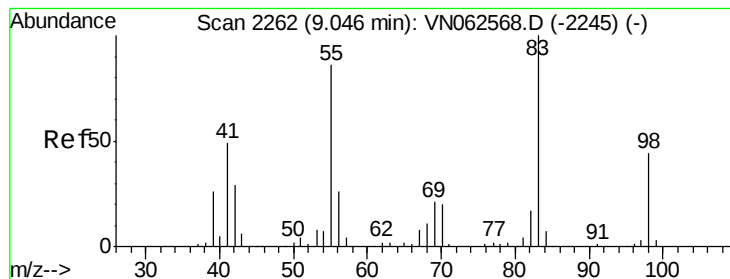
Tot Ion: 43 Resp: 185514
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.366 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 117 Resp: 164913
Ion Ratio Lower Upper
117 100
119 94.0 74.8 112.2
121 29.6 23.0 34.6





#39

Methvlcvclohexane

Concen: 51.873 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

BFB

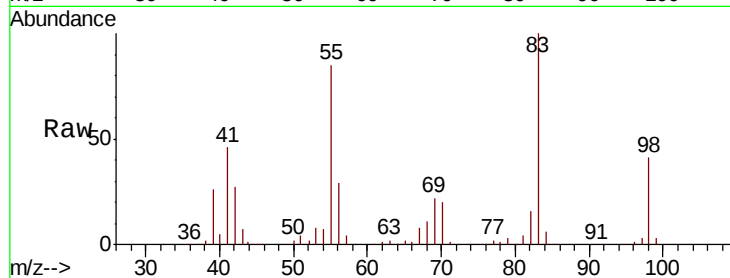
Tot Ion: 83 Resp: 186506

Ion Ratio Lower Upper

83 100

55 84.5 68.9 103.3

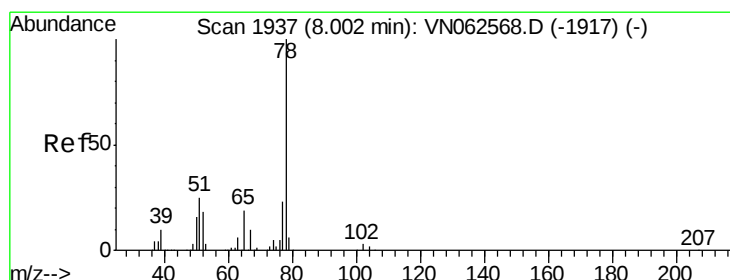
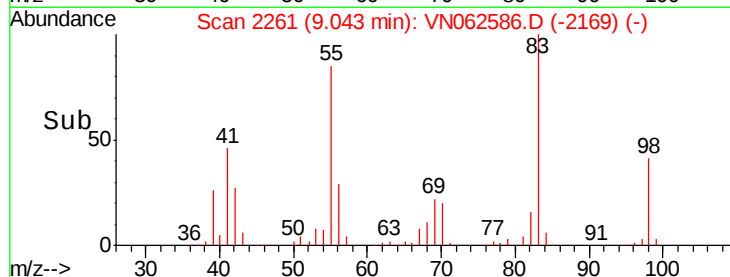
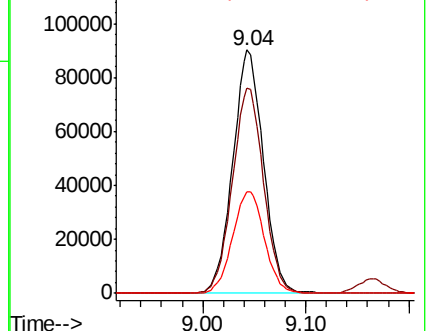
98 41.5 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VN062568.D (-2245) (-)

Ion 55.00 (54.70 to 55.70): VN062568.D (-2245) (-)

Ion 98.00 (97.70 to 98.70): VN062568.D (-2245) (-)



#40

Benzene

Concen: 50.627 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN062586.D

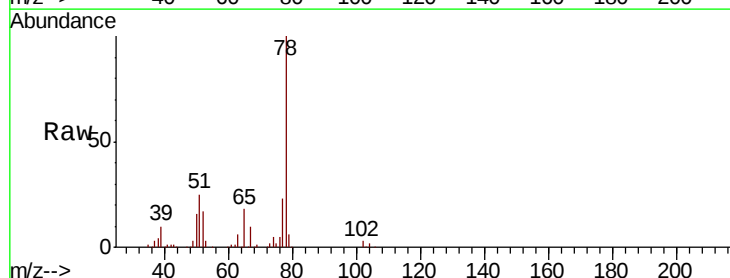
Acq: 22 Jul 2020 10:27

Tgt Ion: 78 Resp: 511938

Ion Ratio Lower Upper

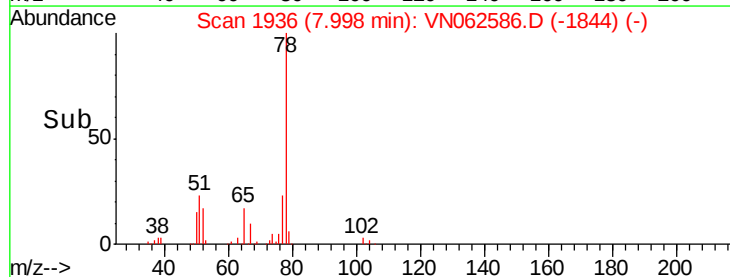
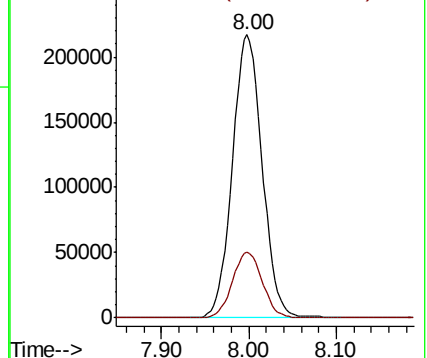
78 100

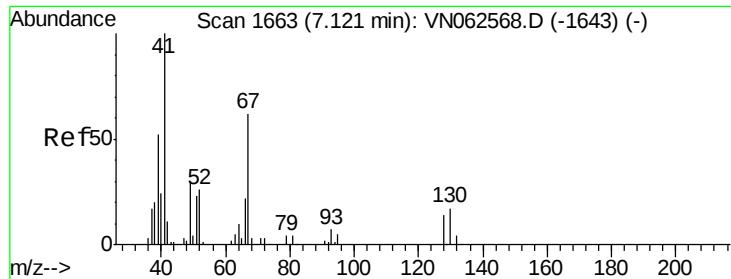
77 23.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN062568.D (-1917) (-)

Ion 77.00 (76.70 to 77.70): VN062568.D (-1917) (-)

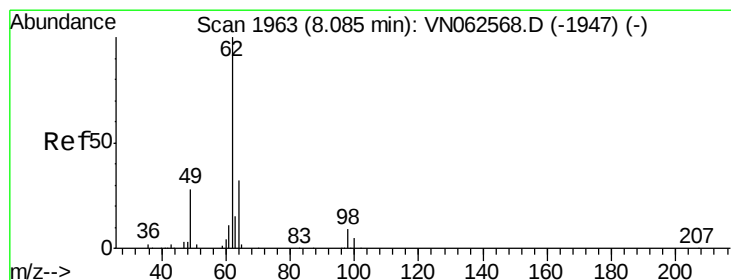
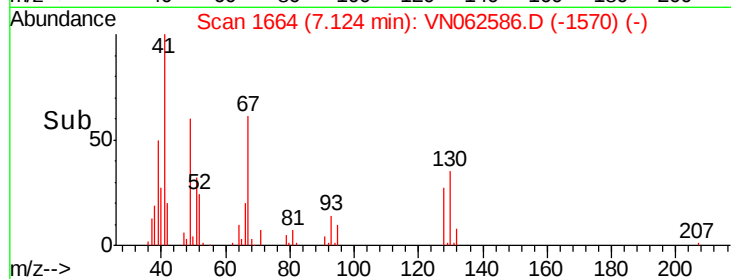
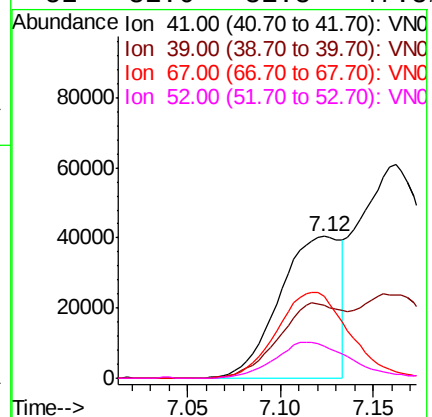
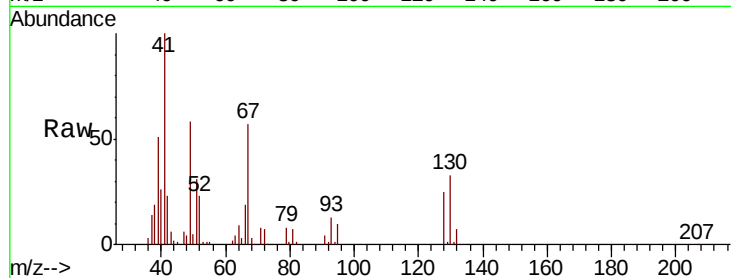




#41
Methacrylonitrile
Concen: 60.510 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

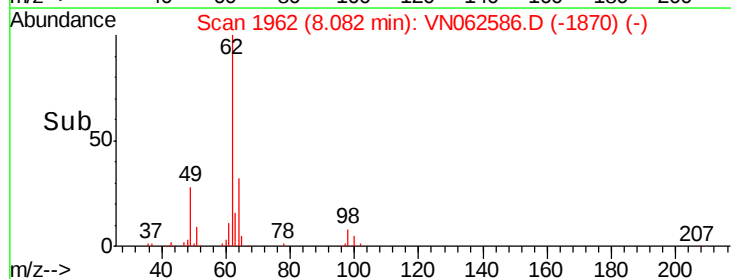
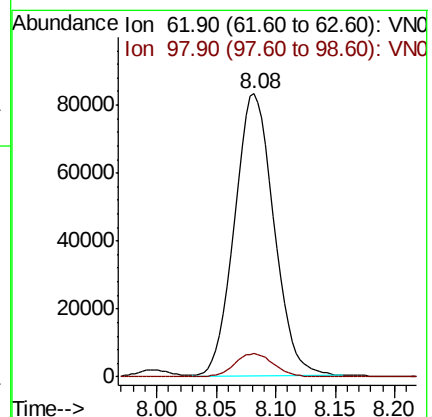
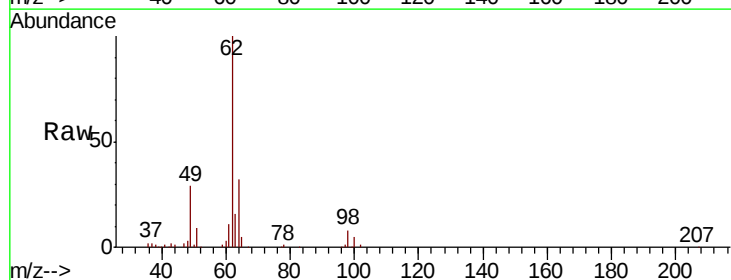
Instrument :
MSVOA_N
ClientSampleId :
BFB

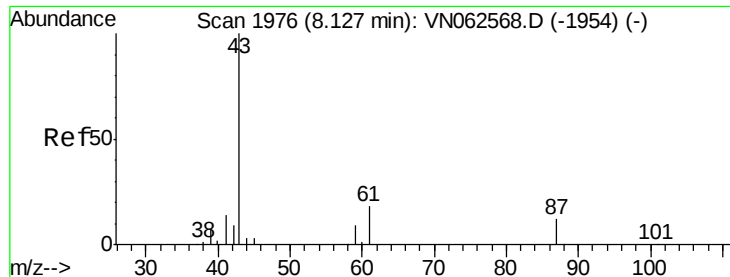
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.8	55.8	83.6#
67	72.3	72.5	108.7#
52	31.6	31.8	47.8#



#42
1,2-Dichloroethane
Concen: 51.529 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 52.915 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

BFB

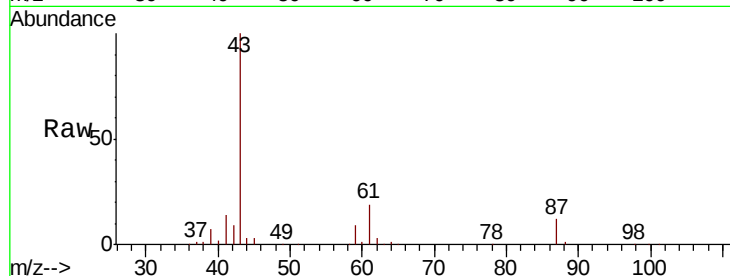
Tot Ion: 43 Resp: 307126

Ion Ratio Lower Upper

43 100

61 24.9 20.8 31.2

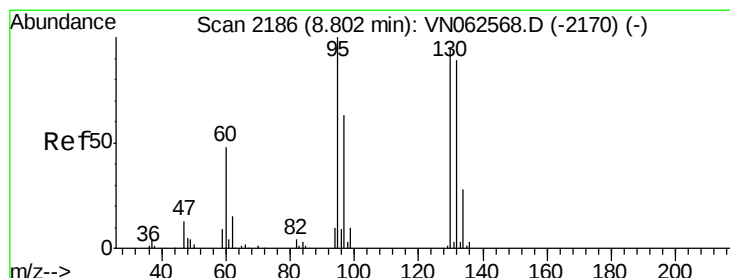
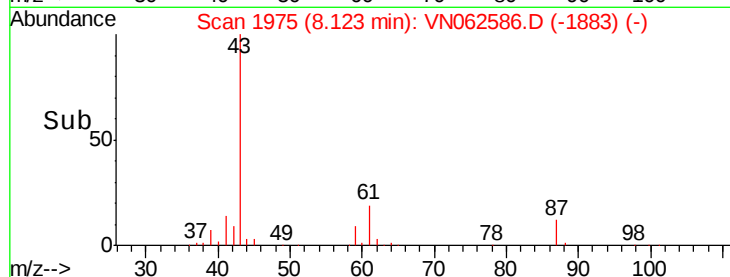
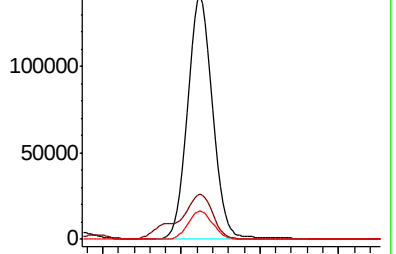
87 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062586.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062586.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062586.D (-1954) (-)



#44

Trichloroethene

Concen: 49.762 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062586.D

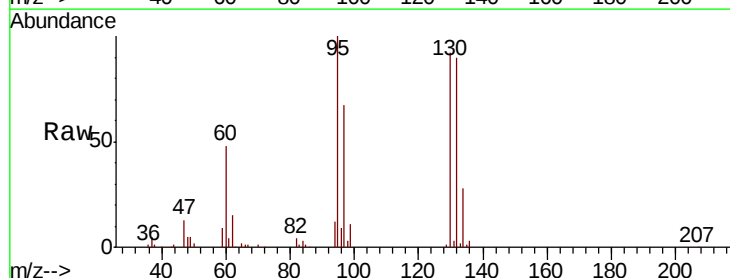
Acq: 22 Jul 2020 10:27

Tgt Ion:130 Resp: 113476

Ion Ratio Lower Upper

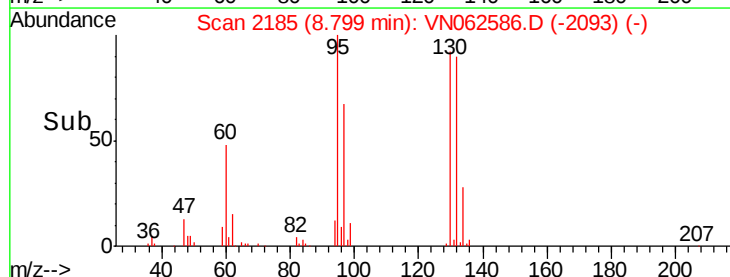
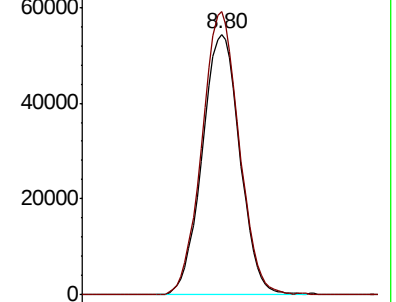
130 100

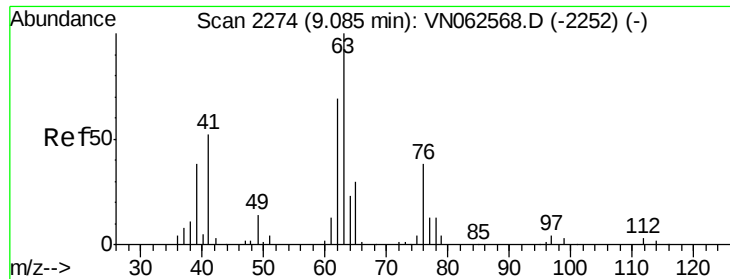
95 108.6 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062586.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062586.D (-2093) (-)

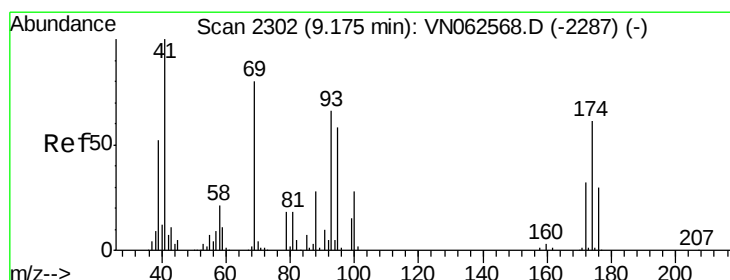
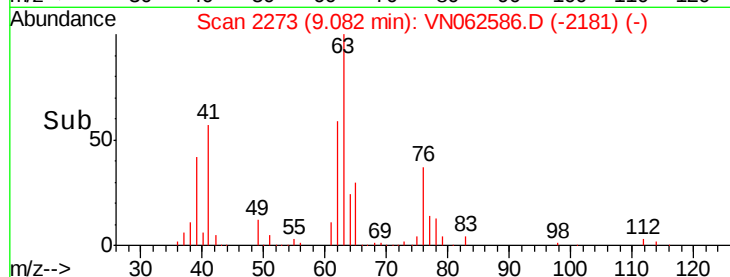
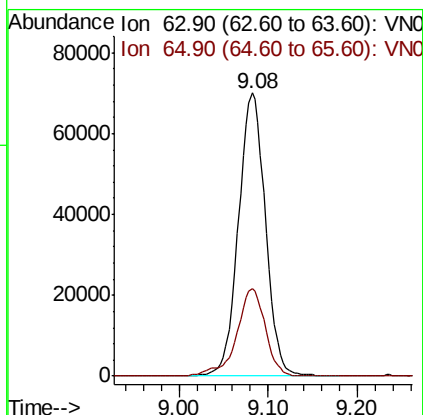
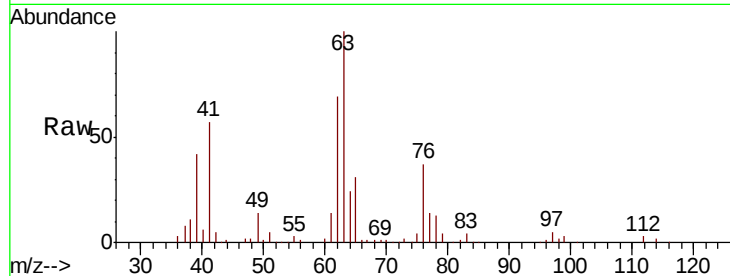




#45
 1,2-Dichloropropane
 Concen: 51.796 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

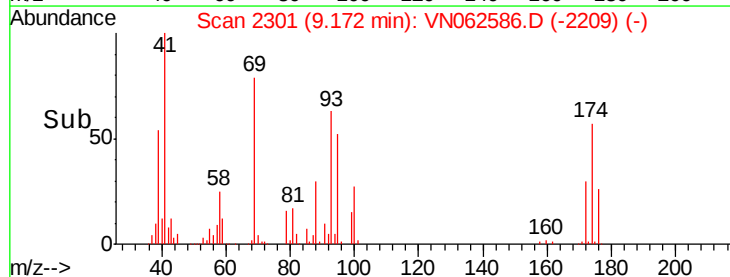
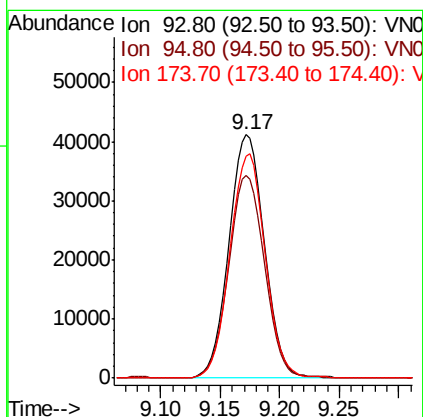
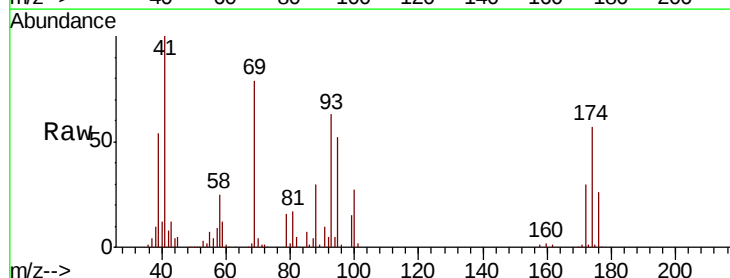
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

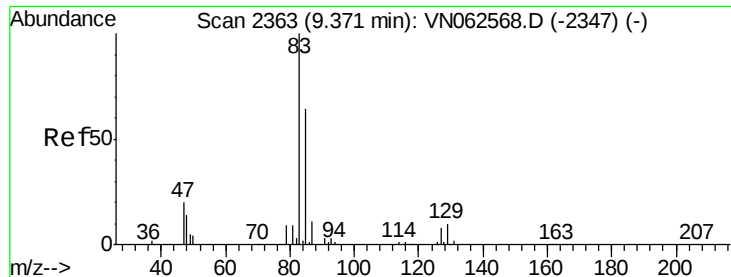
Tot Ion: 63 Resp: 147056
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.4 36.6



#46
 Dibromomethane
 Concen: 51.933 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 93 Resp: 85219
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.6 101.4
 174 91.4 72.5 108.7





#47

Bromodichloromethane

Concen: 51.788 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

BFB

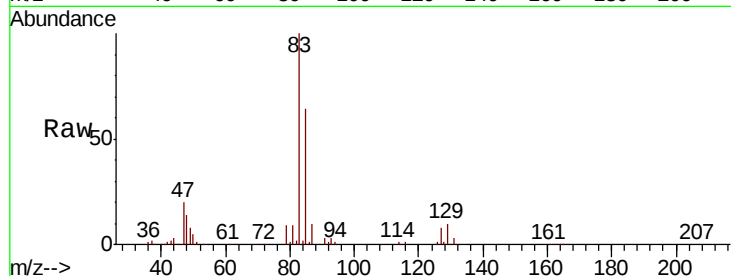
Tot Ion: 83 Resp: 184107

Ion Ratio Lower Upper

83 100

85 64.1 51.6 77.4

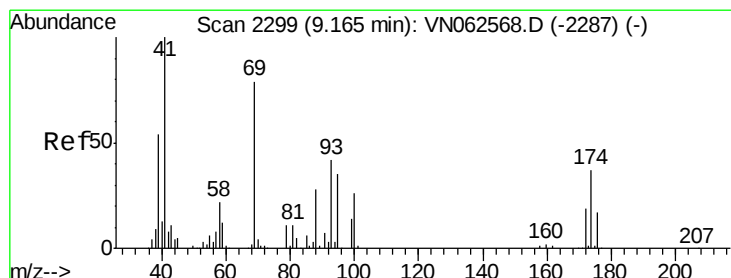
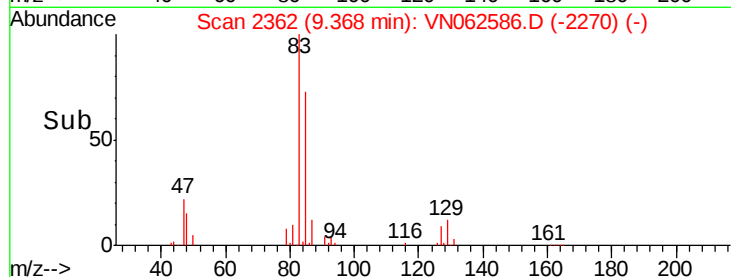
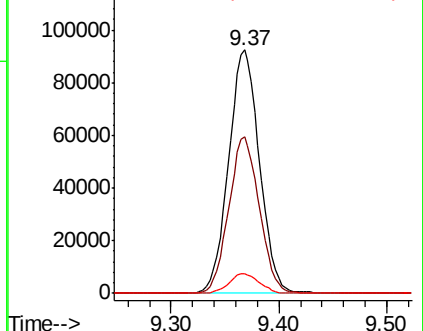
127 8.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062586.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062586.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062586.D (-2347) (-)



#48

Methyl methacrylate

Concen: 54.419 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

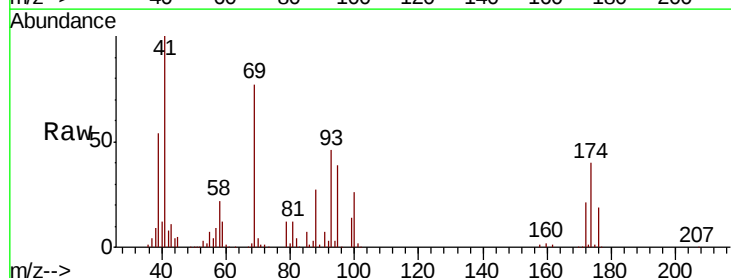
Tgt Ion: 41 Resp: 150145

Ion Ratio Lower Upper

41 100

69 78.2 64.4 96.6

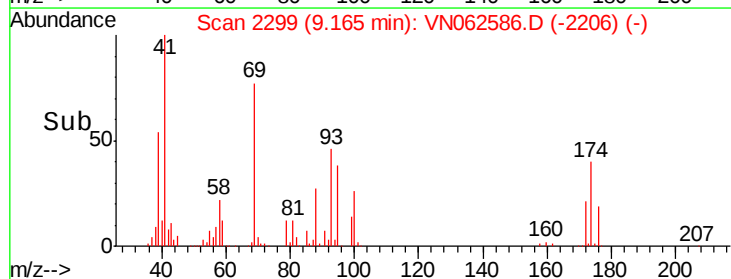
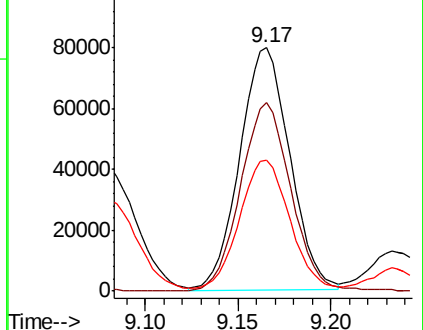
39 54.2 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062586.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062586.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062586.D (-2287) (-)

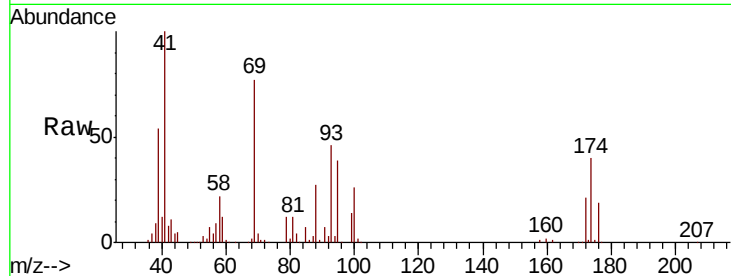




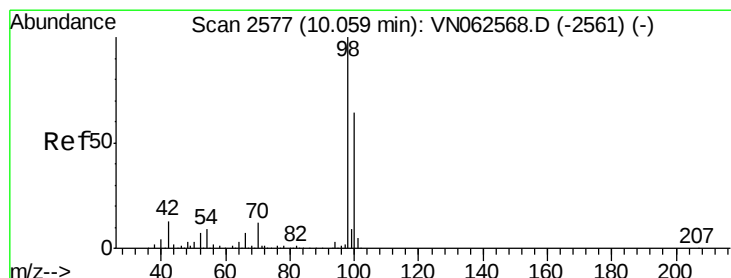
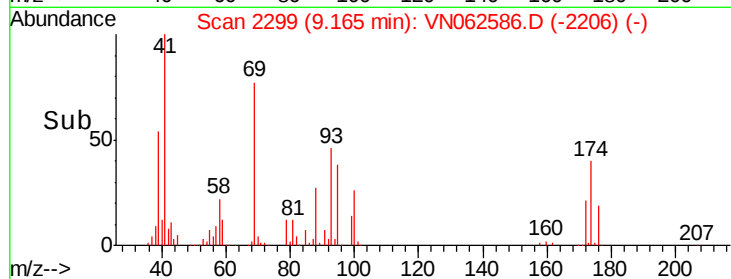
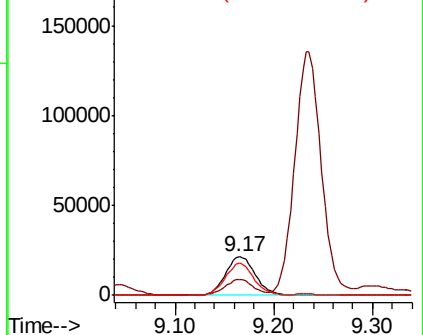
#49
 1,4-Dioxane
 Concen: 1086.267 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion: 88 Resp: 46032
 Ion Ratio Lower Upper
 88 100
 43 38.2 32.0 48.0
 58 78.9 62.8 94.2

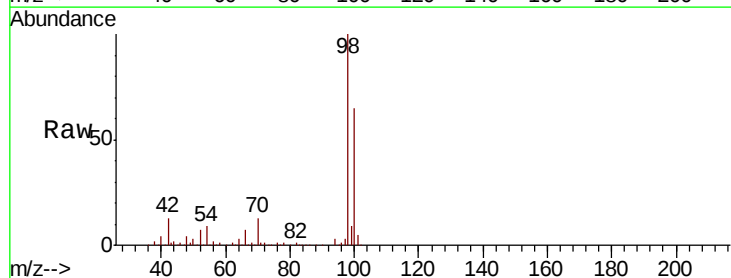


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

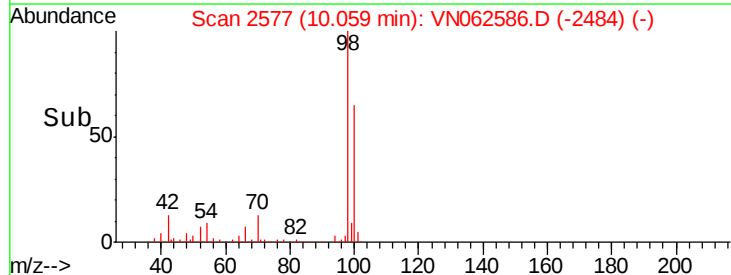
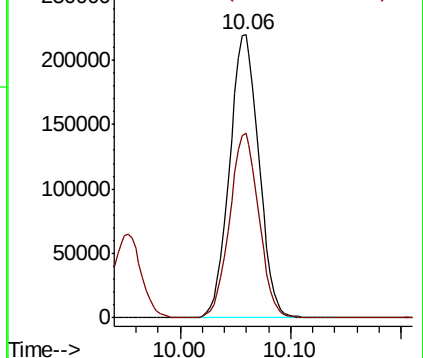


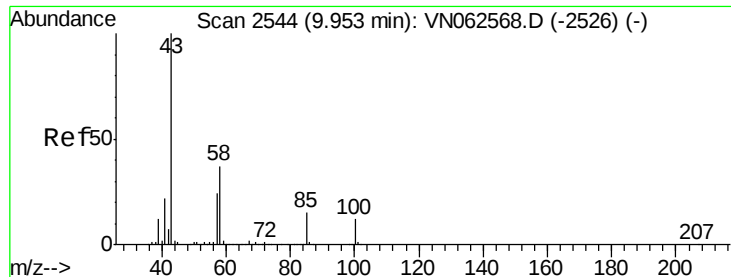
#50
 Toluene-d8
 Concen: 49.485 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 98 Resp: 406394
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 271.937 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

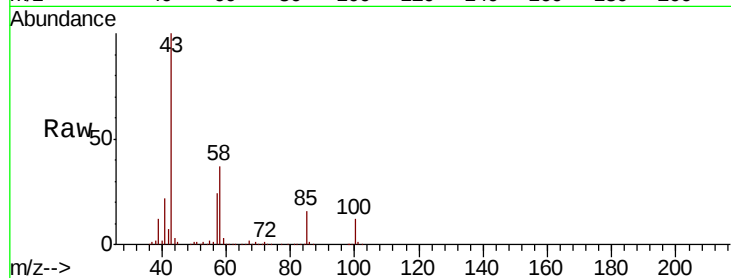
BFB

Tot Ion: 43 Resp: 944393

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062586.D (-2543) (-)

Ion 58.00 (57.70 to 58.70): VN062586.D (-2543) (-)

9.95

600000

500000

400000

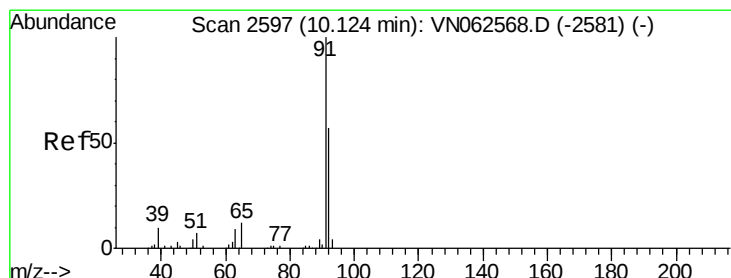
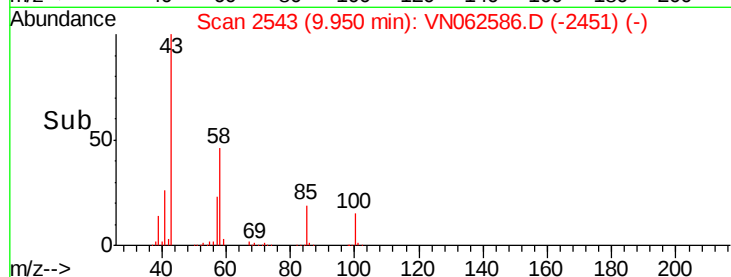
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.867 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062586.D

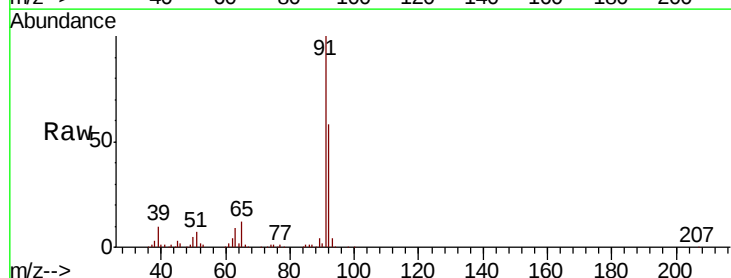
Acq: 22 Jul 2020 10:27

Tgt Ion: 92 Resp: 310419

Ion Ratio Lower Upper

92 100

91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062586.D (-2597) (-)

Ion 91.00 (90.70 to 91.70): VN062586.D (-2597) (-)

10.12

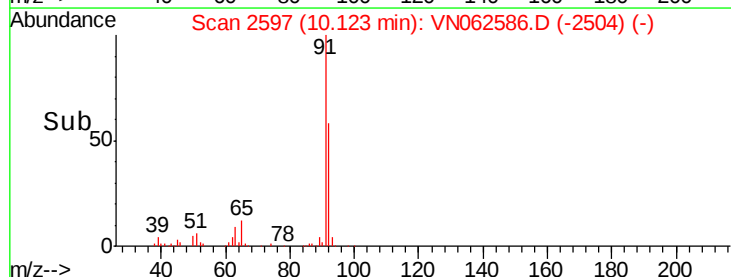
300000

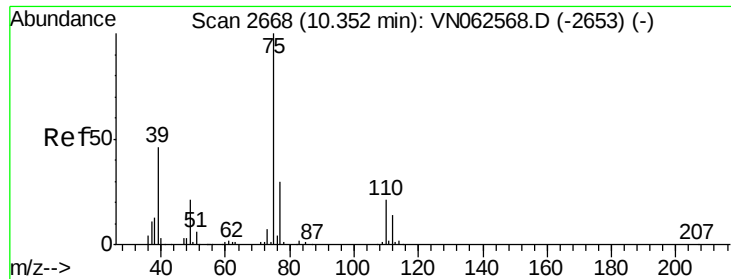
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.743 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

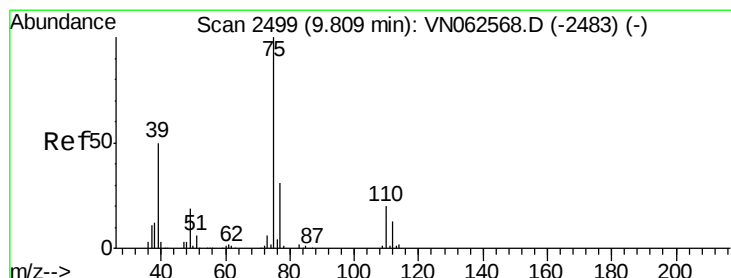
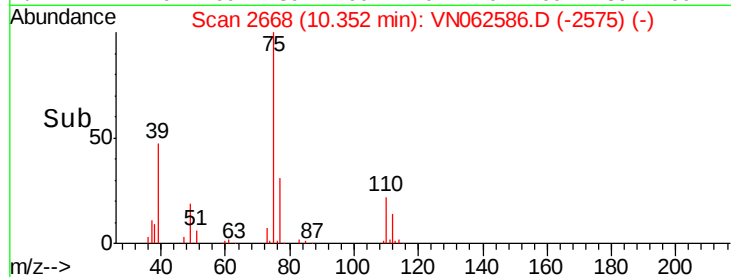
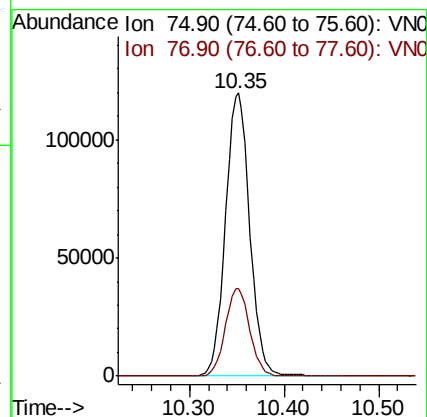
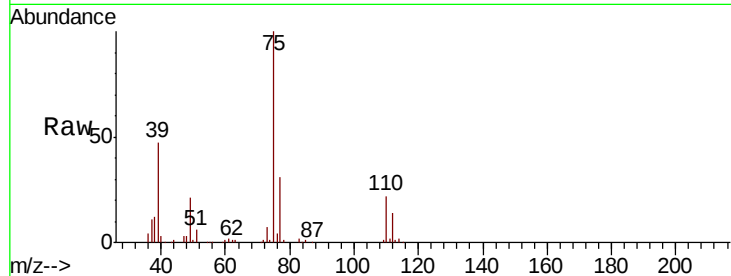
BFB

Tot Ion: 75 Resp: 212691

Ion Ratio Lower Upper

75 100

77 30.9 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 54.259 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

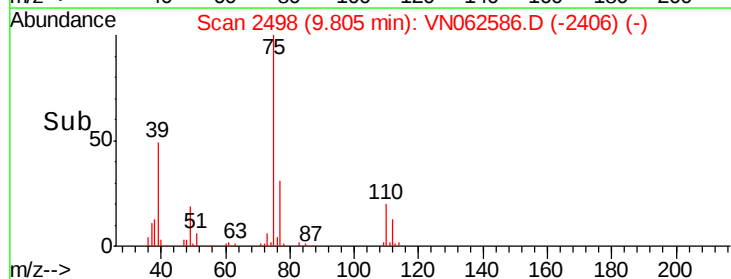
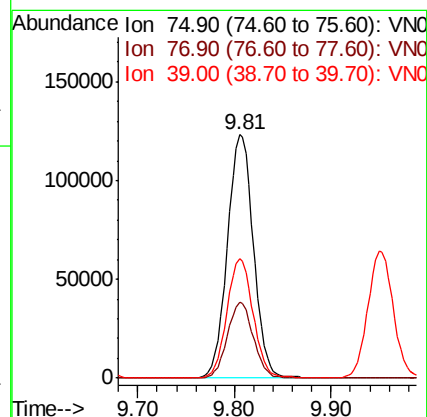
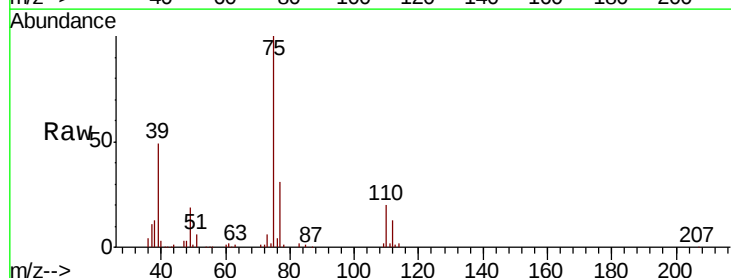
Tgt Ion: 75 Resp: 230412

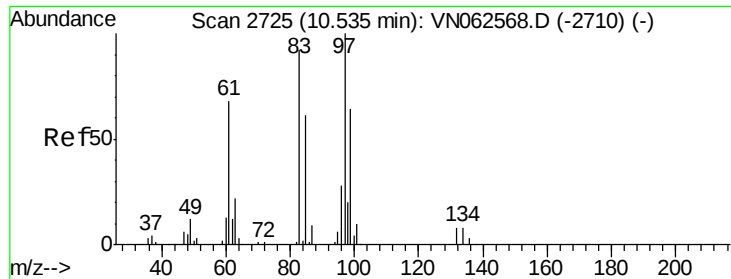
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 49.1 39.8 59.8

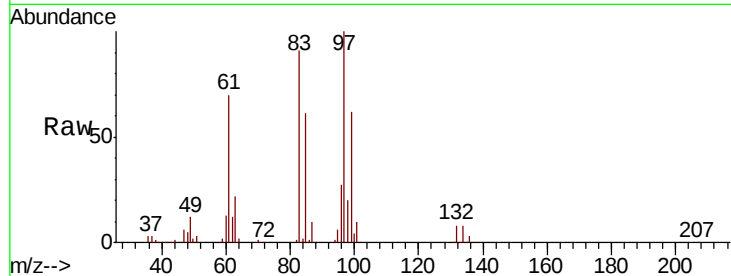




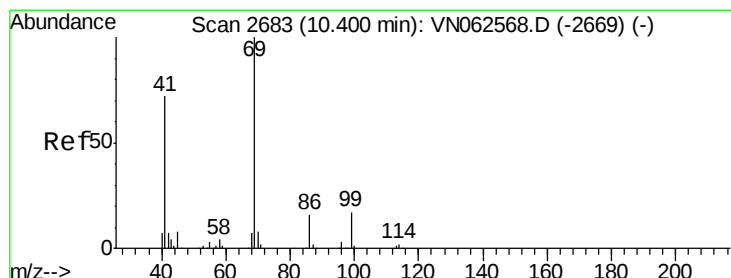
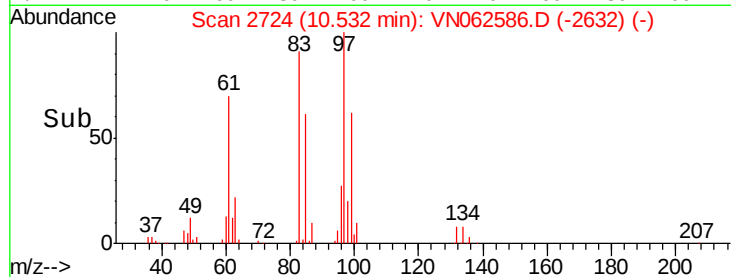
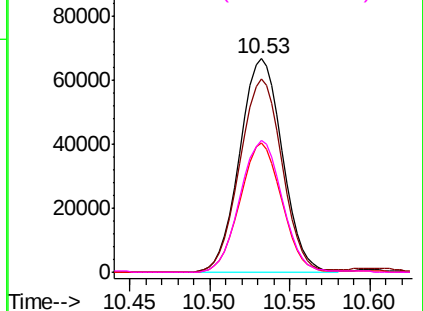
#55
 1,1,2-Trichloroethane
 Concen: 53.413 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion: 97 Resp: 121651
 Ion Ratio Lower Upper
 97 100
 83 90.6 73.7 110.5
 85 60.6 48.5 72.7
 99 61.5 50.8 76.2

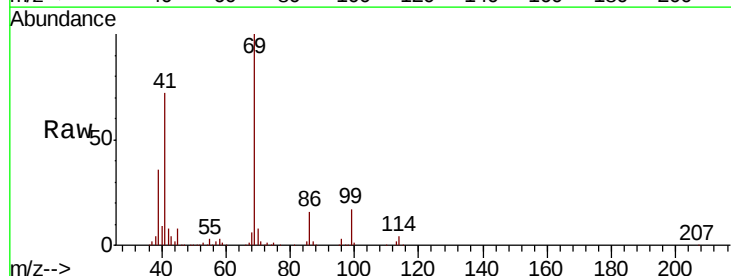


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

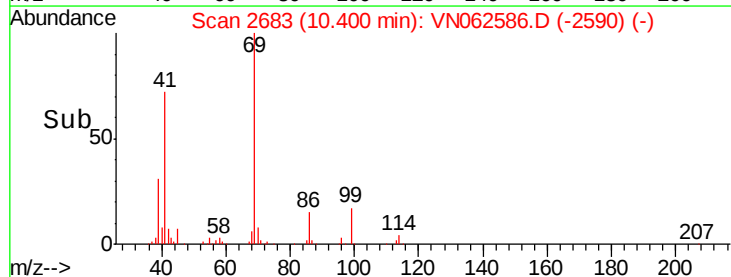
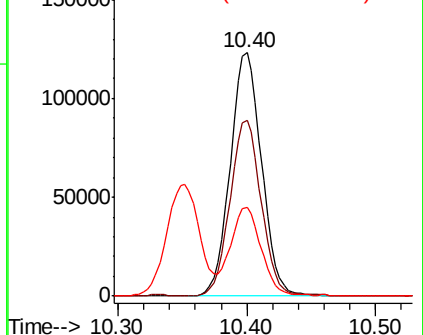


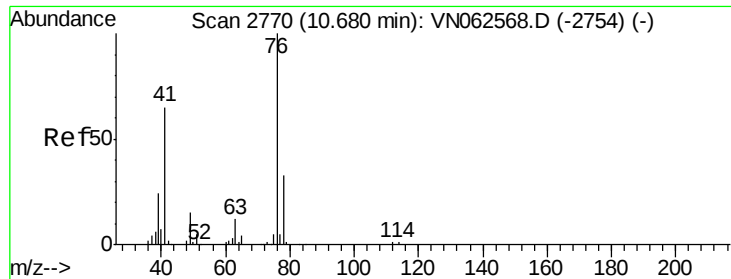
#56
 Ethyl methacrylate
 Concen: 50.750 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 69 Resp: 207662
 Ion Ratio Lower Upper
 69 100
 41 71.6 57.2 85.8
 39 34.8 28.6 43.0



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: 52.822 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

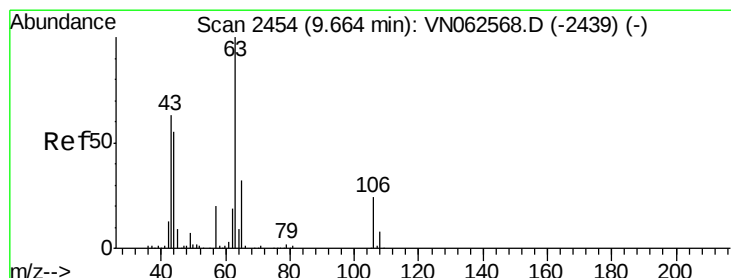
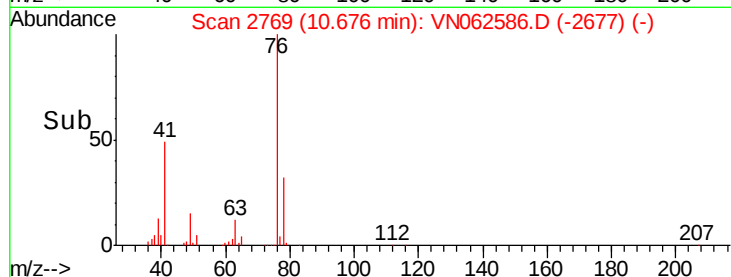
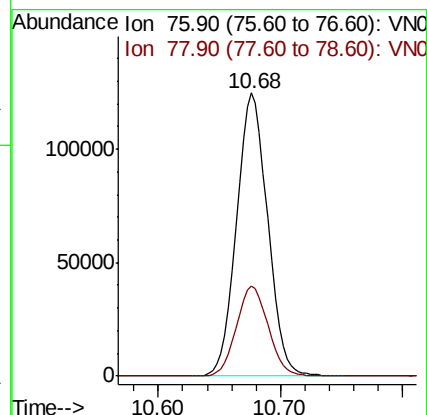
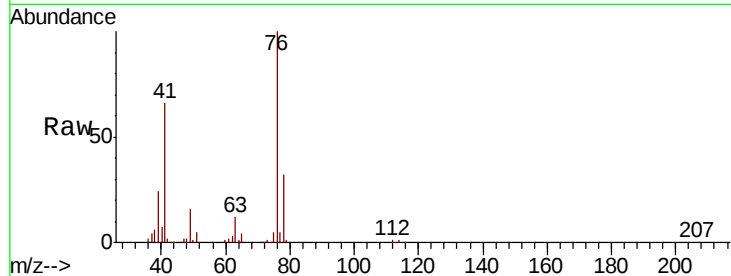
BFB

Tot Ion: 76 Resp: 220402

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 255.782 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062586.D

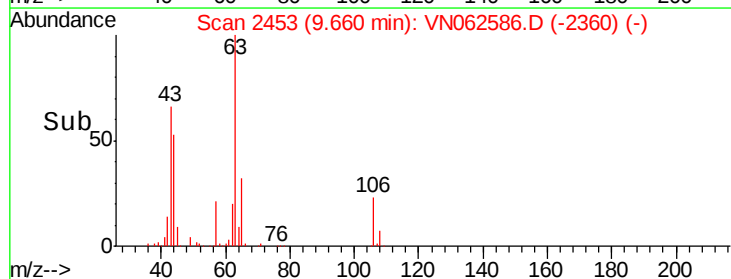
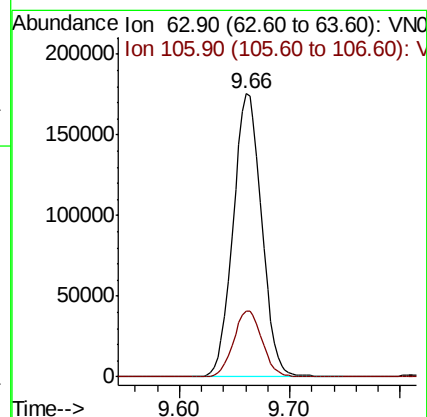
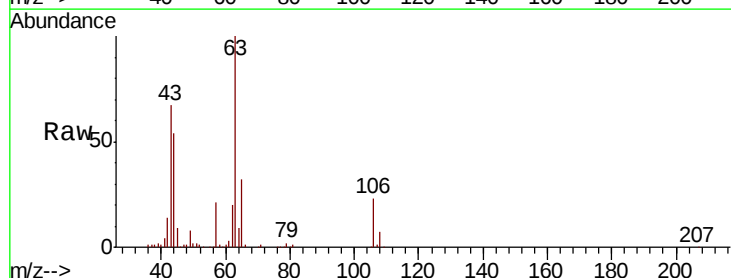
Acq: 22 Jul 2020 10:27

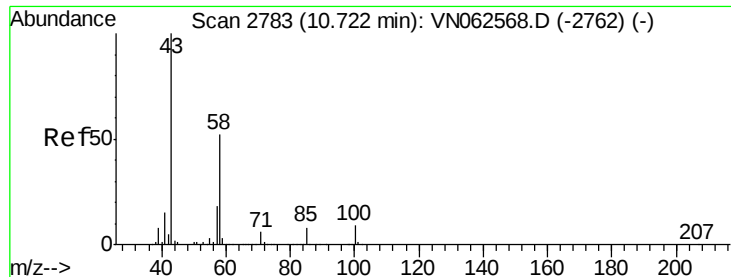
Tgt Ion: 63 Resp: 315755

Ion Ratio Lower Upper

63 100

106 23.5 18.9 28.3

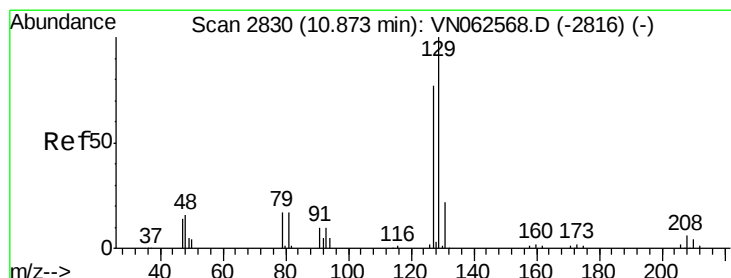
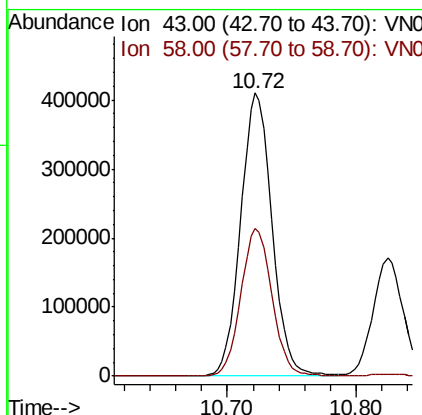
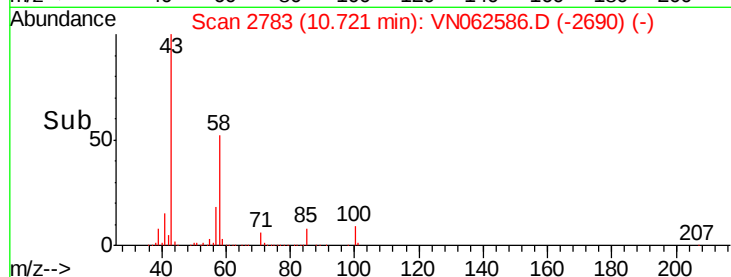
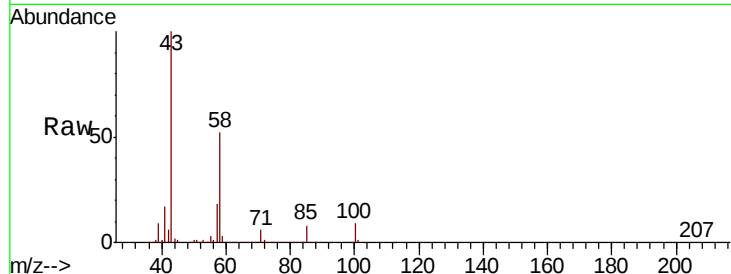




#59
2-Hexanone
Concen: 257.743 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

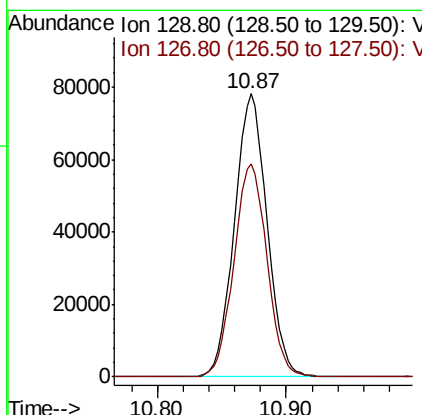
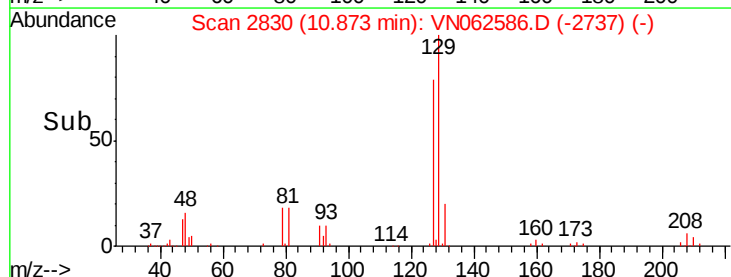
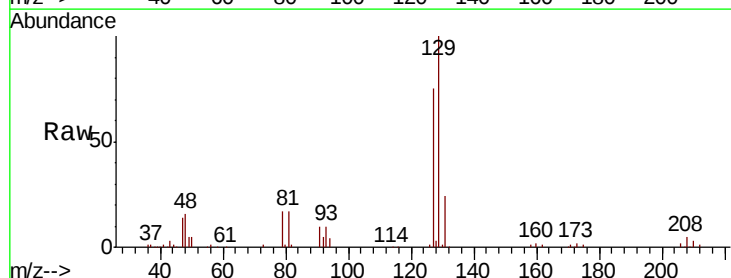
Instrument :
MSVOA_N
ClientSampled :
BFB

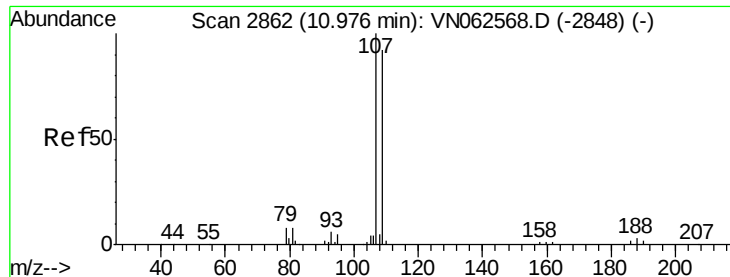
Tot Ion: 43 Resp: 692492
Ion Ratio Lower Upper
43 100
58 52.1 26.0 78.0



#60
Dibromochloromethane
Concen: 54.075 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 129 Resp: 137395
Ion Ratio Lower Upper
129 100
127 76.1 38.0 113.9

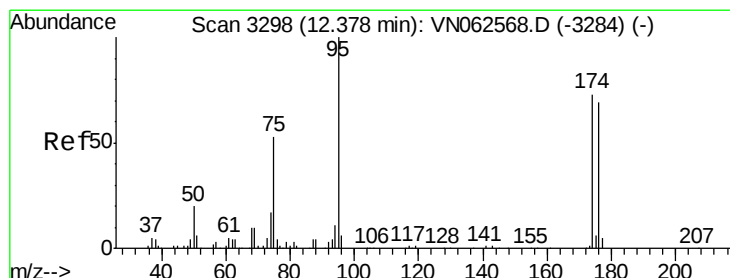
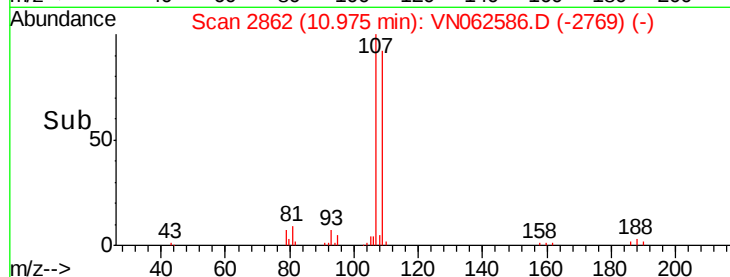
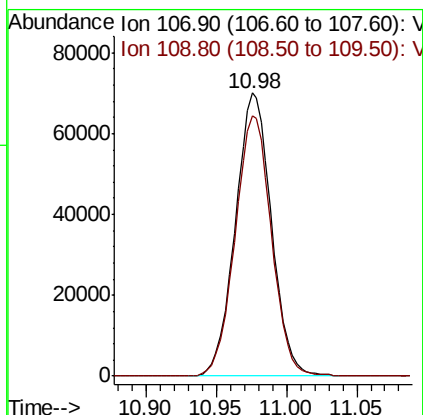
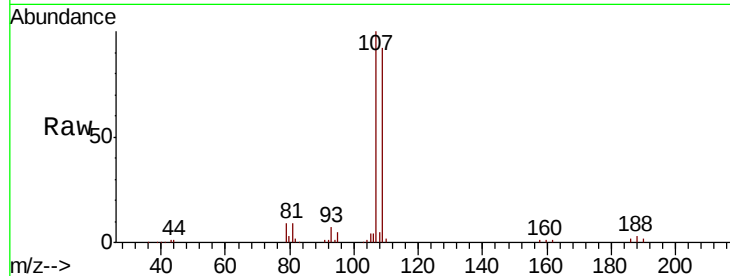




#61
 1,2-Dibromoethane
 Concen: 52.821 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

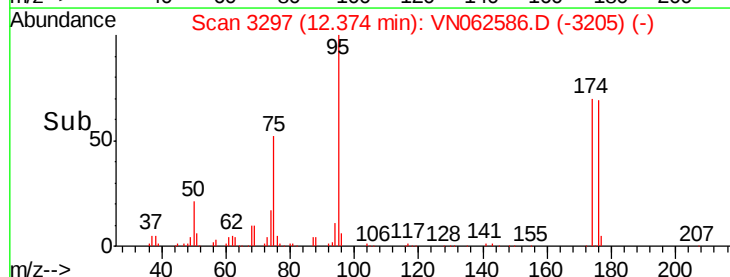
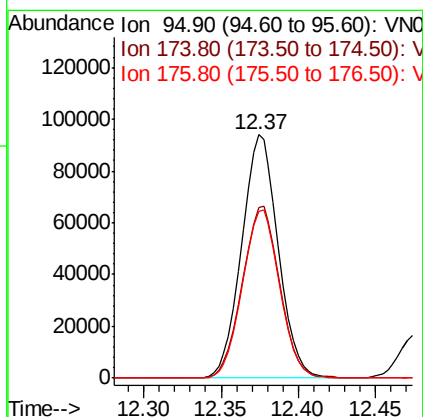
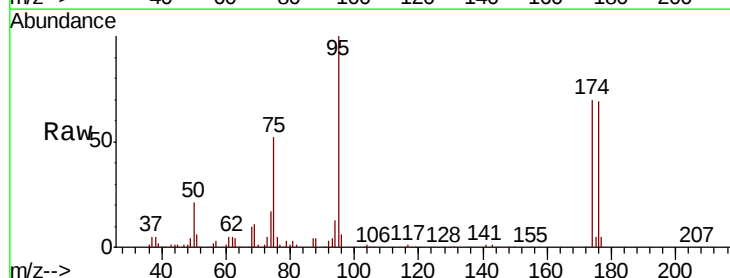
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

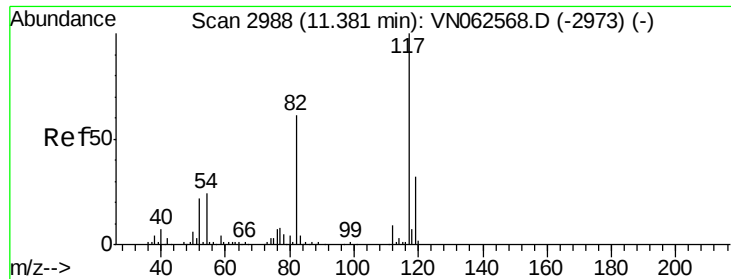
Tot Ion:107 Resp: 125272
 Ion Ratio Lower Upper
 107 100
 109 92.7 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 51.405 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 95 Resp: 154361
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 144.6
 176 70.6 0.0 139.4

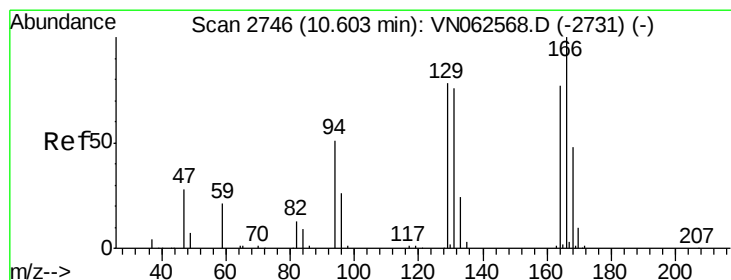
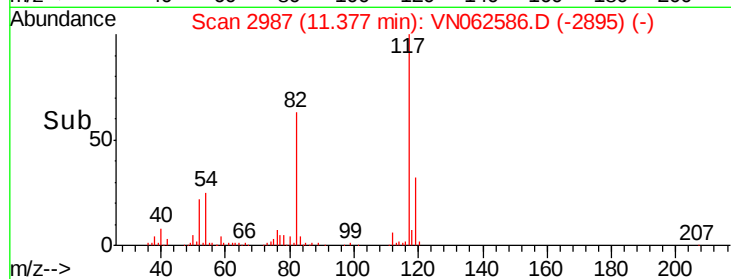
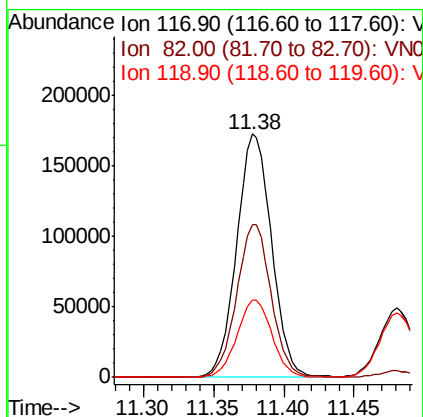
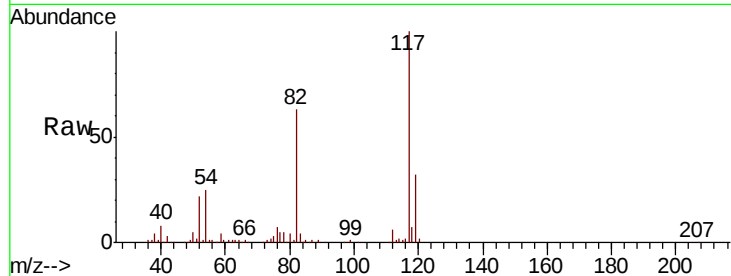




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

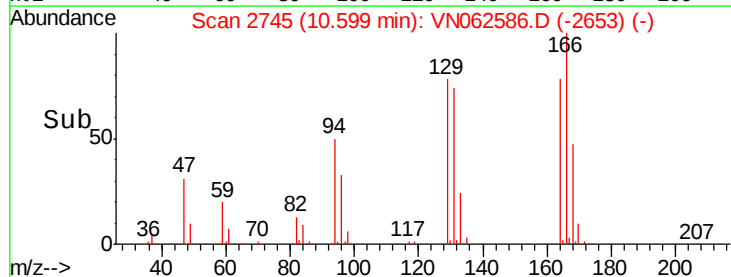
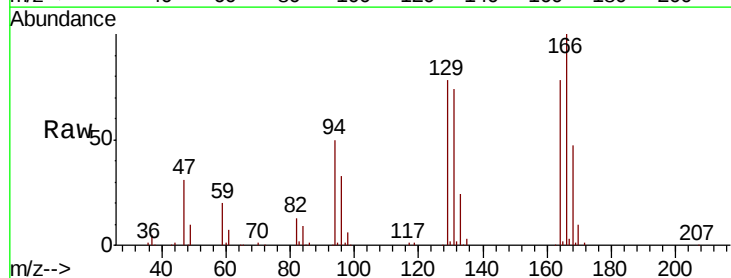
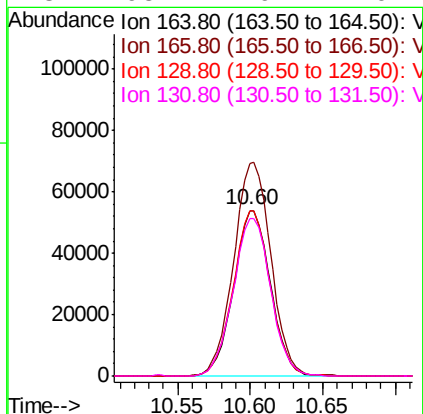
Instrument :
MSVOA_N
ClientSampleId :
BFB

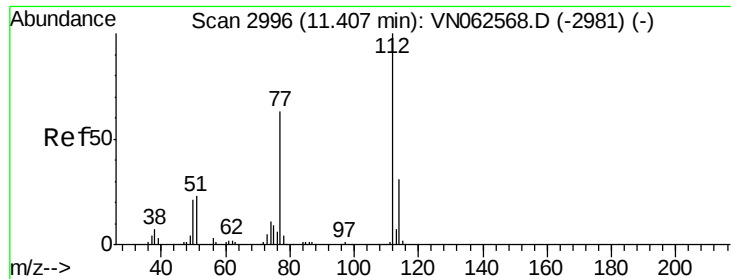
Tot Ion	Ratio	Lower	Upper
117	100		
82	63.0	49.0	73.6
119	31.5	25.4	38.2



#64
Tetrachloroethene
Concen: 48.558 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	104.4	156.6
129	99.8	81.0	121.4
131	95.1	79.4	119.2

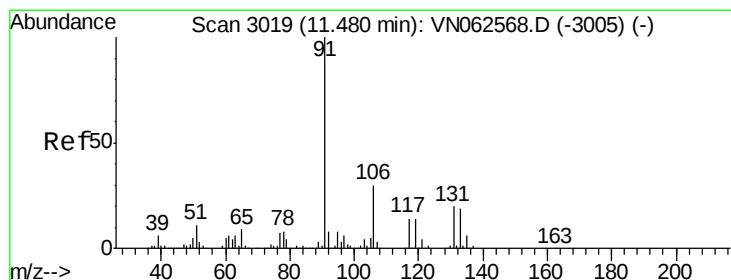
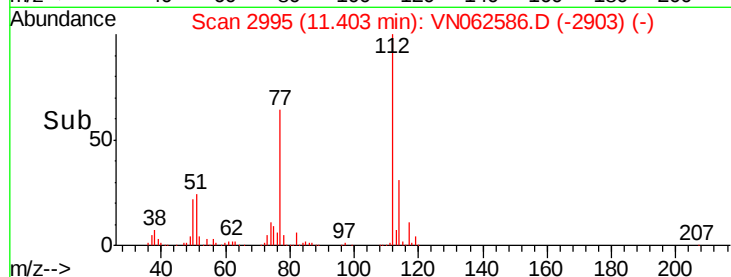
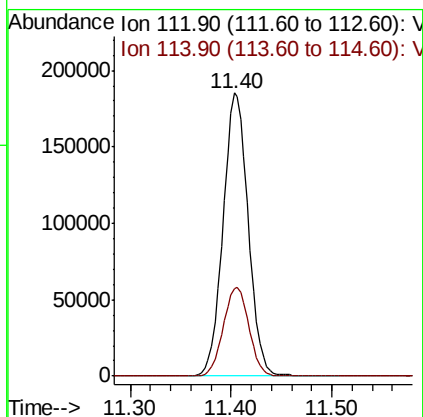
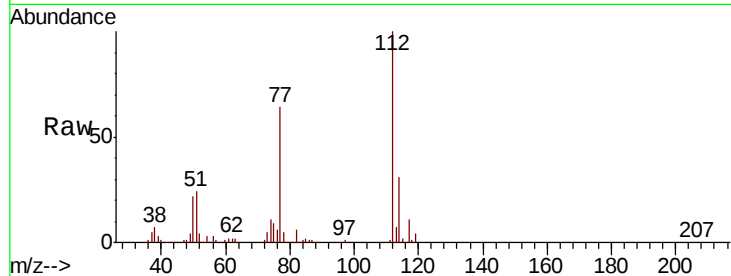




#65
Chlorobenzene
Concen: 51.101 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

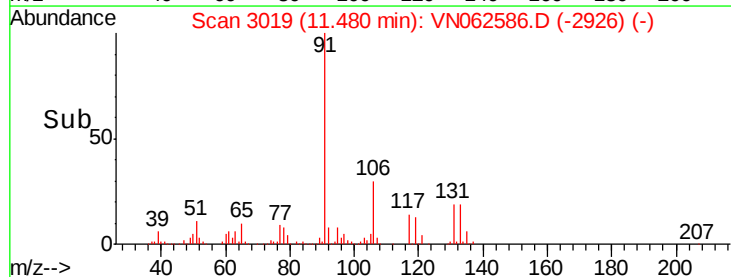
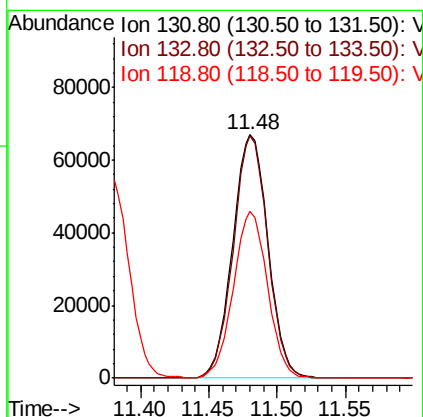
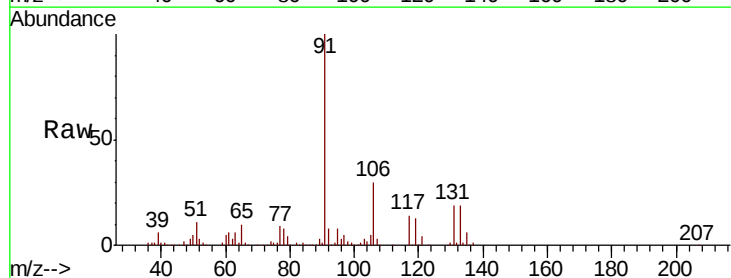
Instrument :
MSVOA_N
ClientSampleId :
BFB

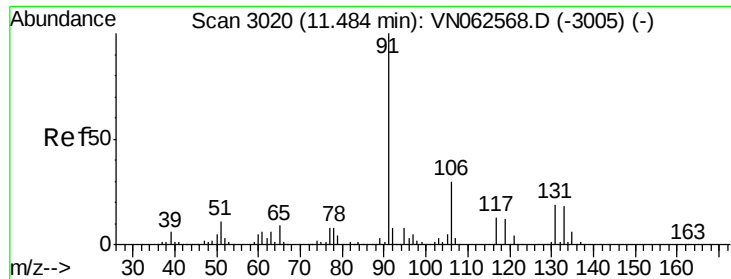
Tot Ion:112 Resp: 322491
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.783 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion:131 Resp: 120566
Ion Ratio Lower Upper
131 100
133 96.6 47.3 142.0
119 66.2 33.7 101.0

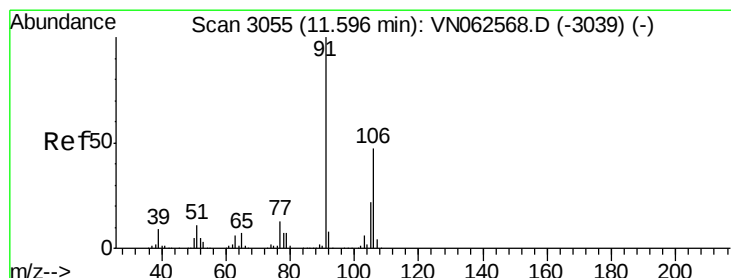
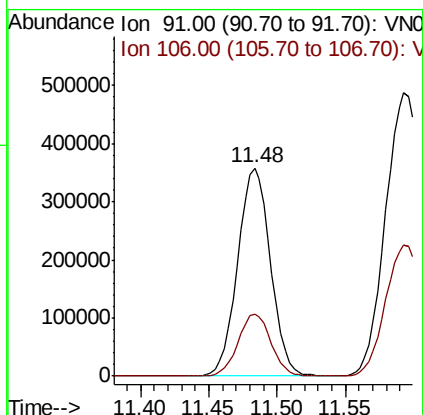
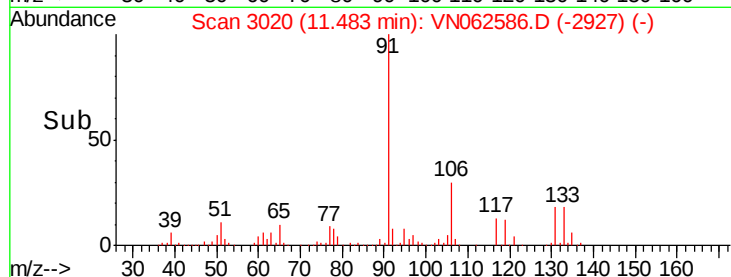
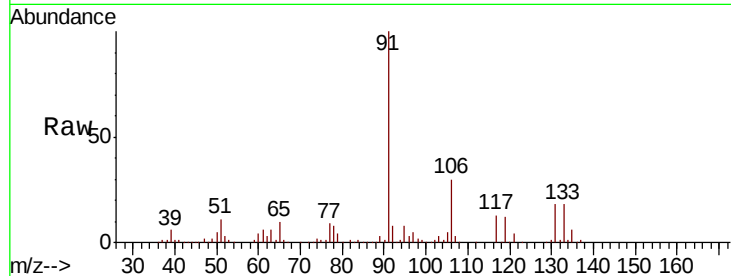




#67
Ethyl Benzene
Concen: 51.704 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

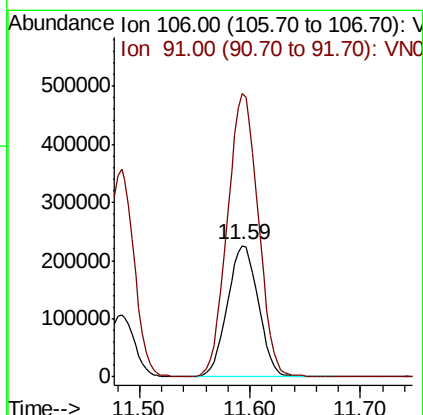
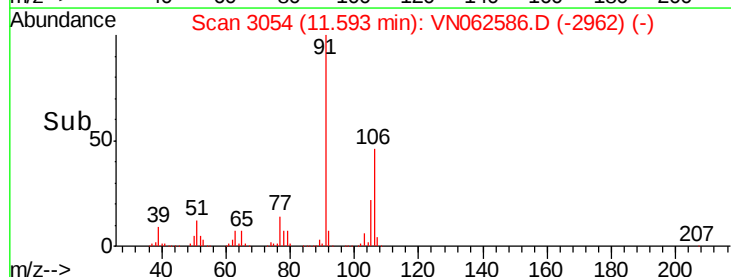
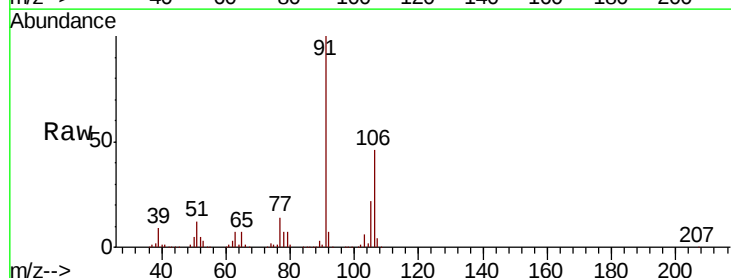
Instrument :
MSVOA_N
ClientSampled :
BFB

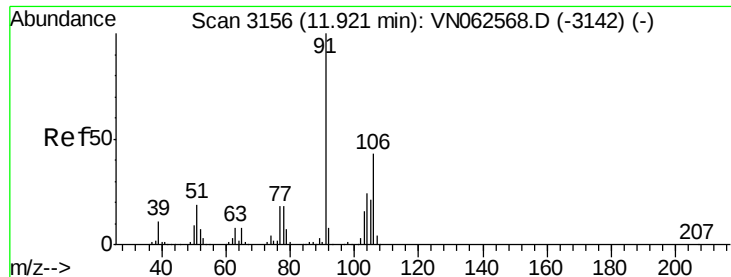
Tot Ion: 91 Resp: 598276
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8



#68
m/p-Xylenes
Concen: 105.622 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 106 Resp: 439284
Ion Ratio Lower Upper
106 100
91 215.0 171.4 257.2

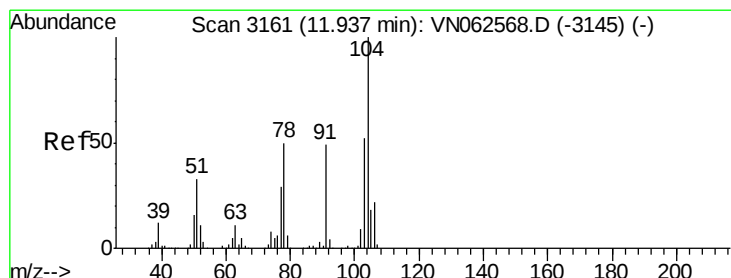
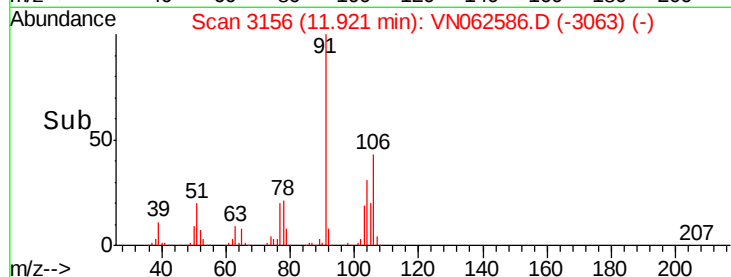
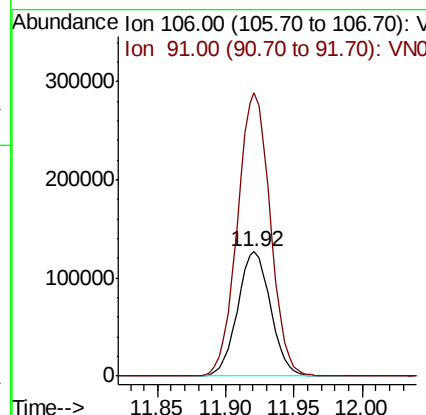
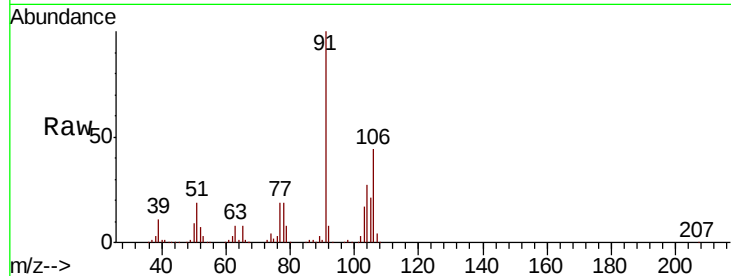




#69
o-Xylene
Concen: 54.110 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

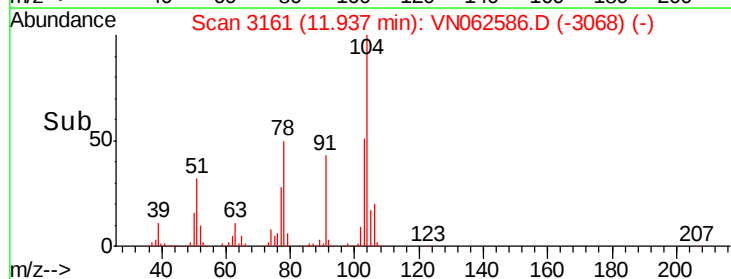
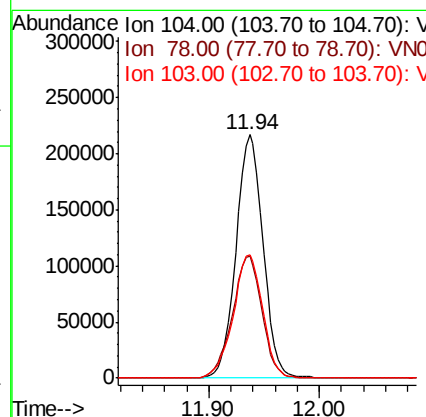
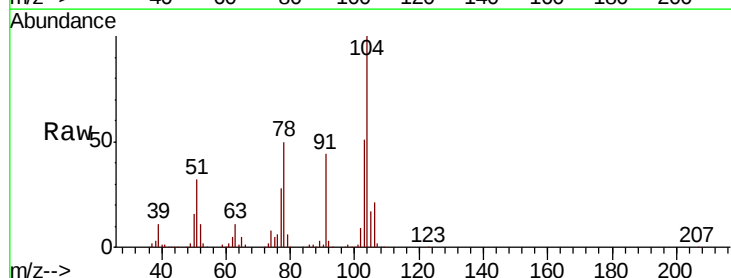
Instrument :
MSVOA_N
ClientSampleId :
BFB

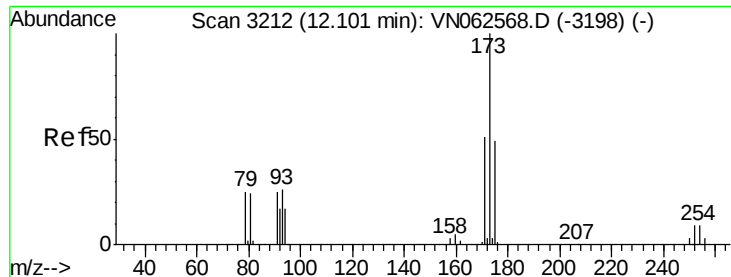
Tot Ion:106 Resp: 213701
Ion Ratio Lower Upper
106 100
91 225.5 113.8 341.2



#70
Styrene
Concen: 55.333 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion:104 Resp: 369155
Ion Ratio Lower Upper
104 100
78 55.0 43.8 65.6
103 55.2 44.0 66.0





#71

Bromoform

Concen: 53.193 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

BFB

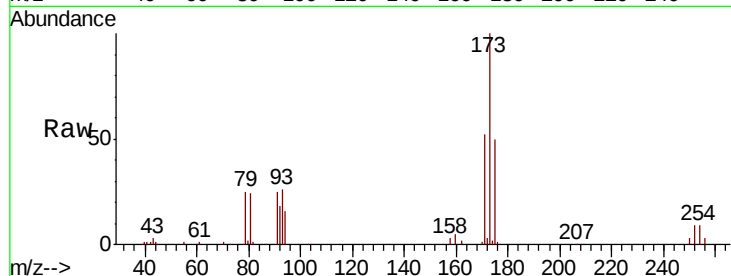
Tot Ion:173 Resp: 94821

Ion Ratio Lower Upper

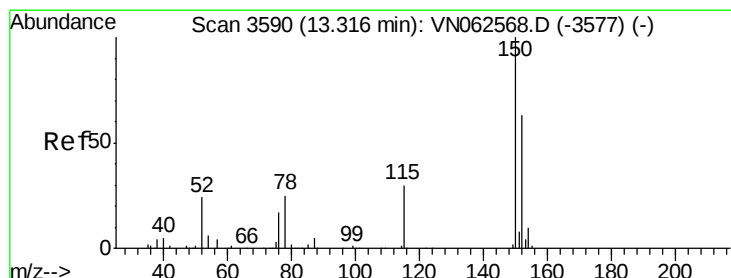
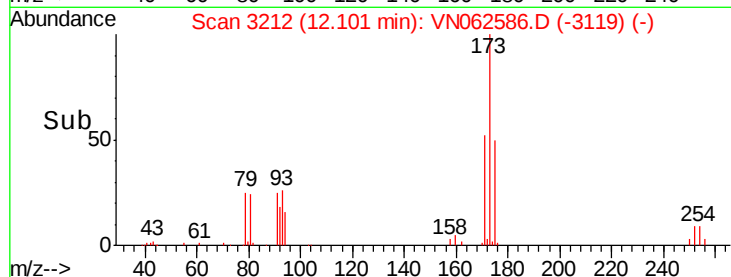
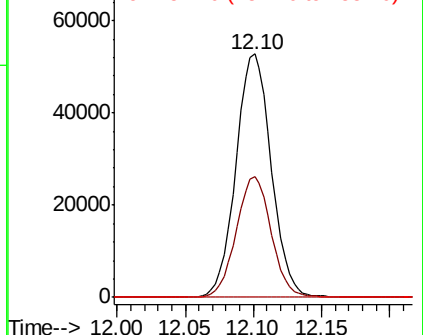
173 100

175 48.8 24.1 72.2

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: VN062586.D

Acq: 22 Jul 2020 10:27

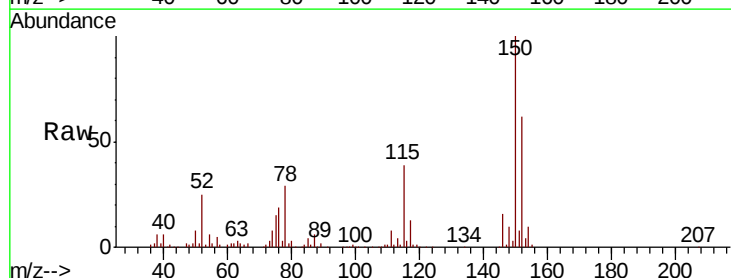
Tgt Ion:152 Resp: 144655

Ion Ratio Lower Upper

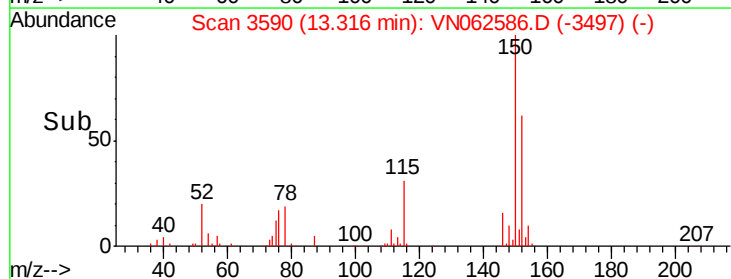
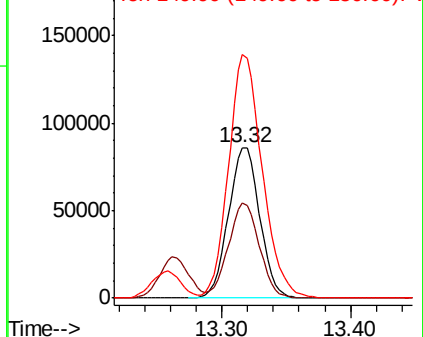
152 100

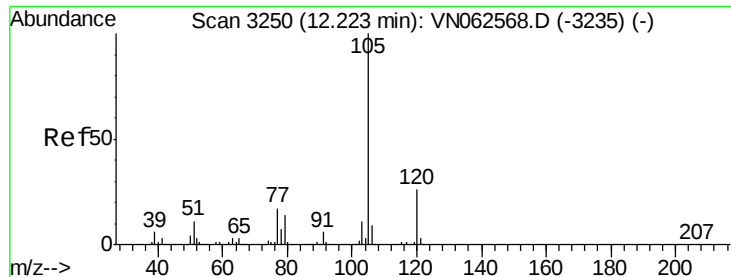
115 62.3 31.8 95.4

150 174.7 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: 49.538 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

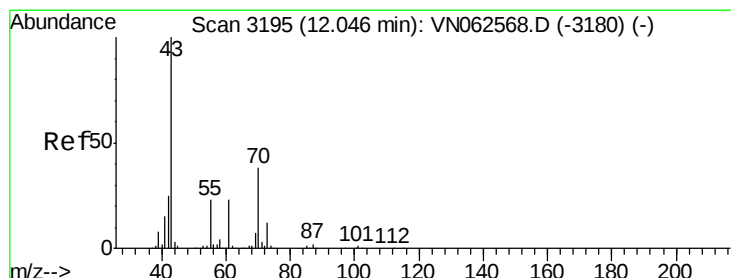
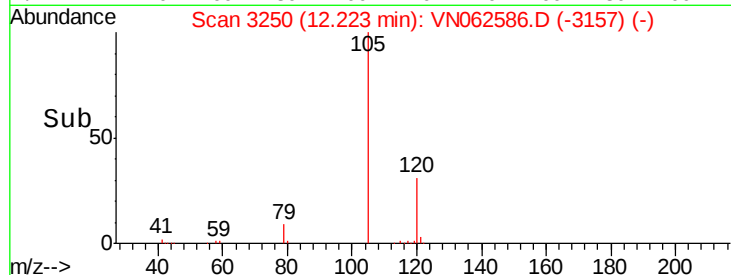
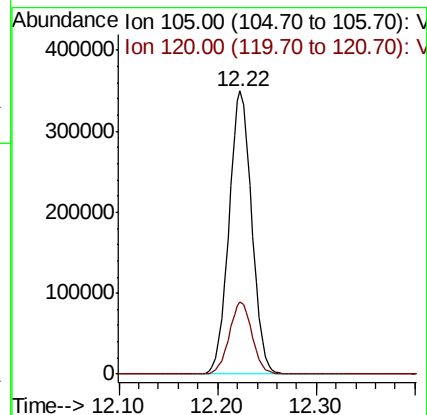
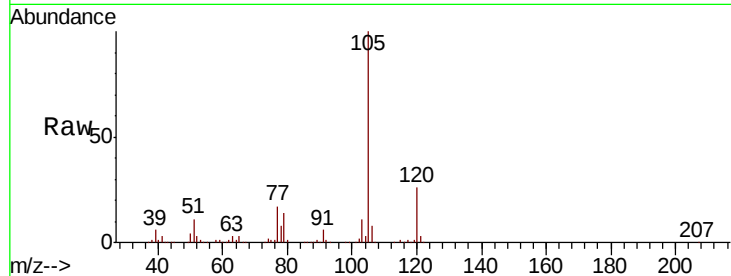
BFB

Tot Ion:105 Resp: 566619

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 53.766 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Tgt Ion: 43 Resp: 274642

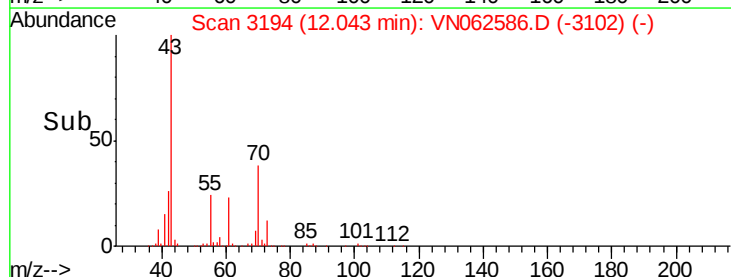
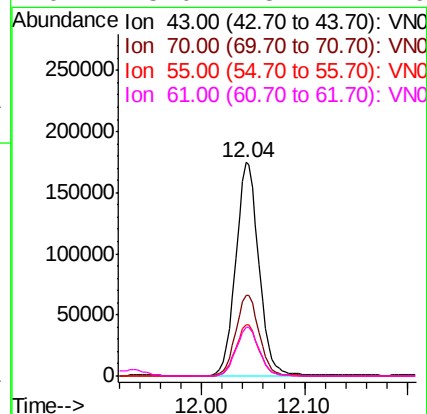
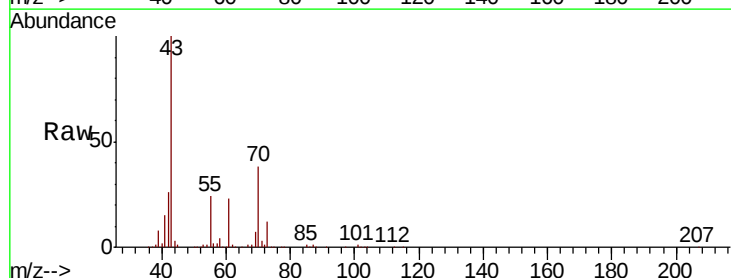
Ion Ratio Lower Upper

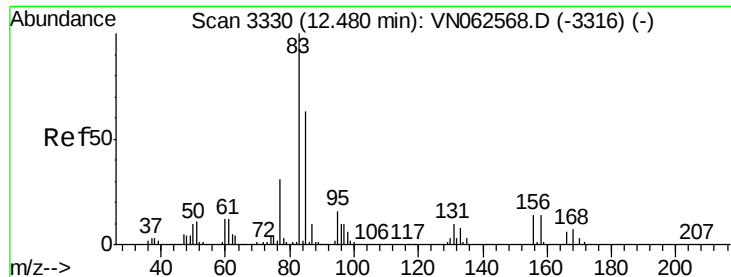
43 100

70 38.3 30.5 45.7

55 24.2 19.0 28.6

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.638 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampled :

BFB

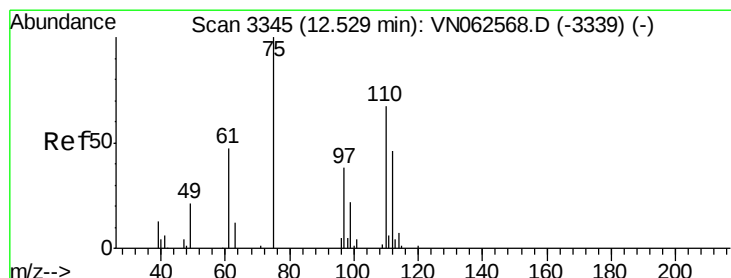
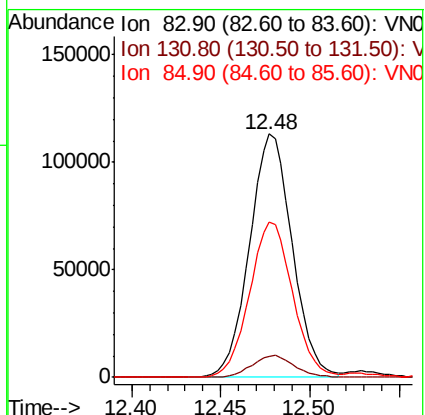
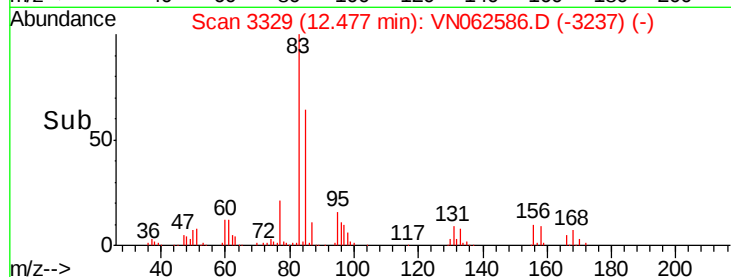
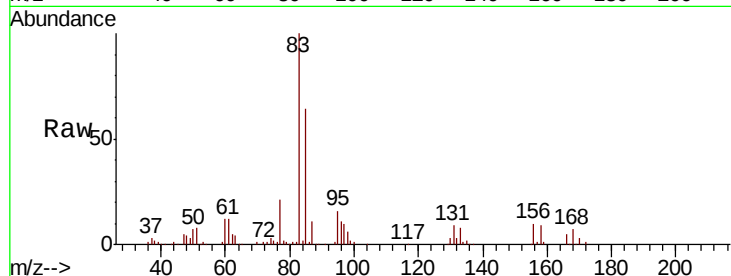
Tot Ion: 83 Resp: 189346

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 68.408 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062586.D

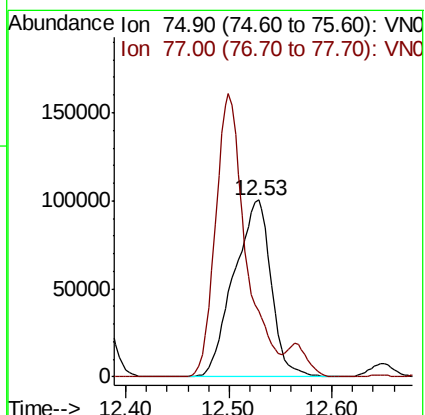
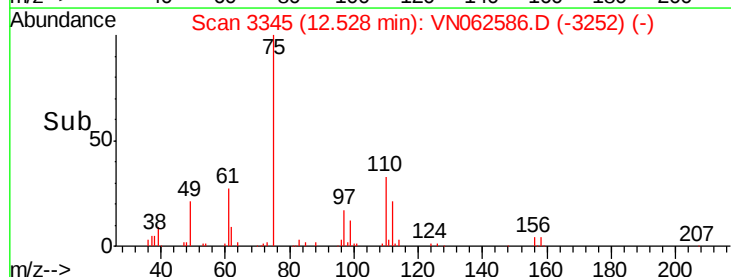
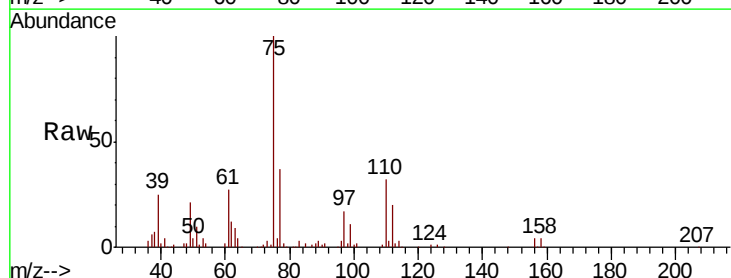
Acq: 22 Jul 2020 10:27

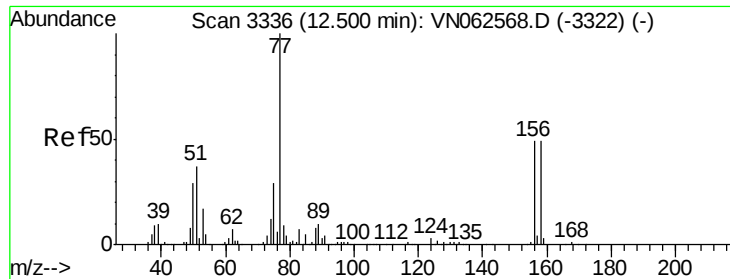
Tgt Ion: 75 Resp: 251877

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

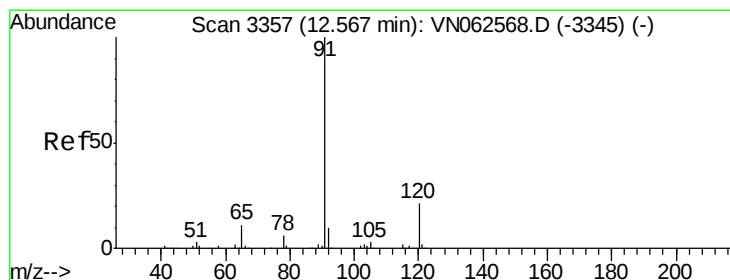
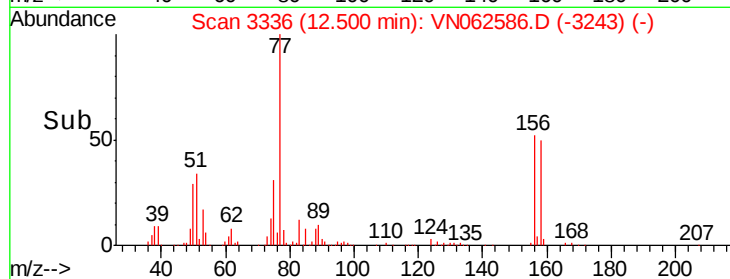
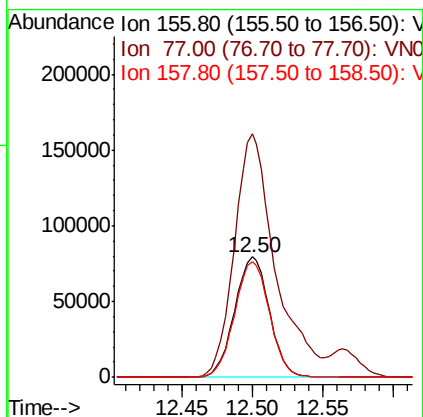
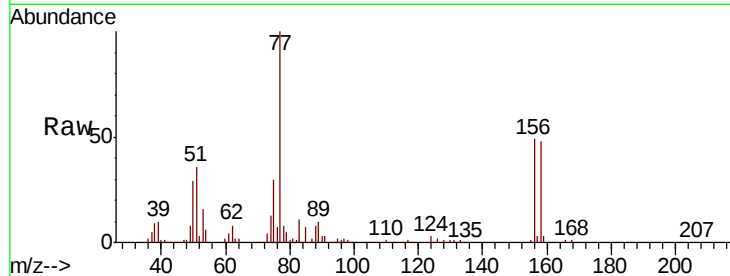




#77
Bromobenzene
Concen: 49.984 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

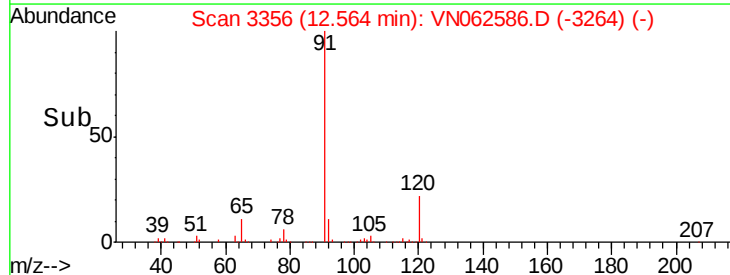
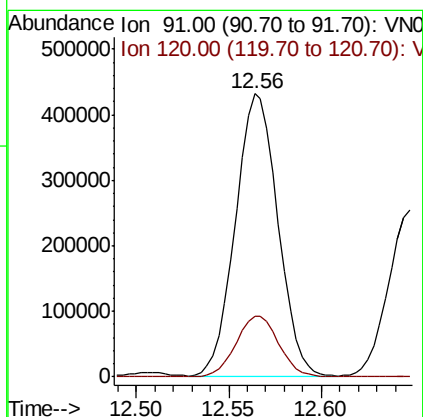
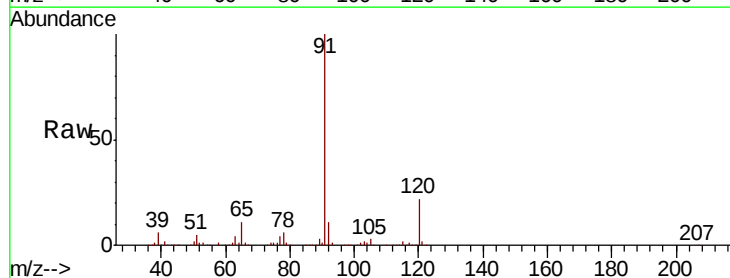
Instrument :
MSVOA_N
ClientSampled :
BFB

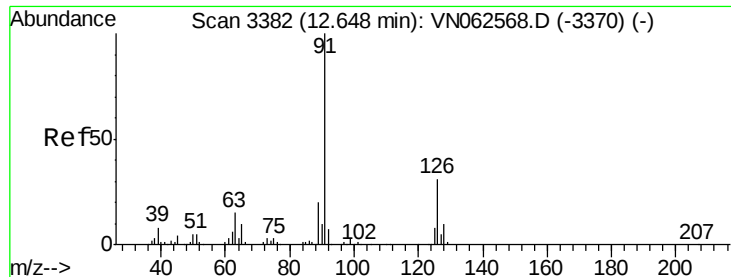
Tot Ion:156 Resp: 137393
Ion Ratio Lower Upper
156 100
77 238.6 122.8 368.3
158 96.4 49.4 148.0



#78
n-propylbenzene
Concen: 50.838 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 91 Resp: 681136
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6

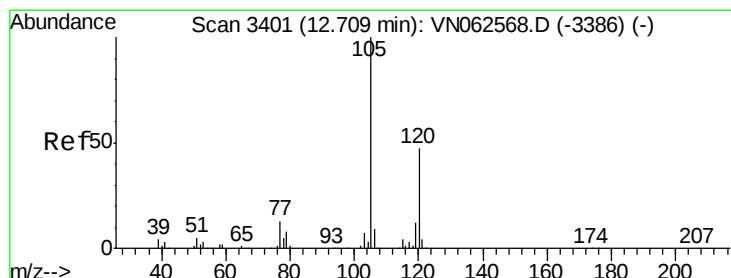
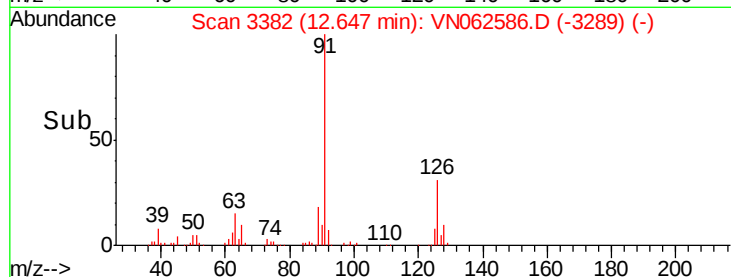
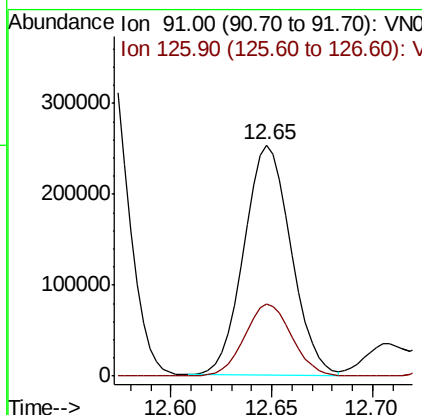
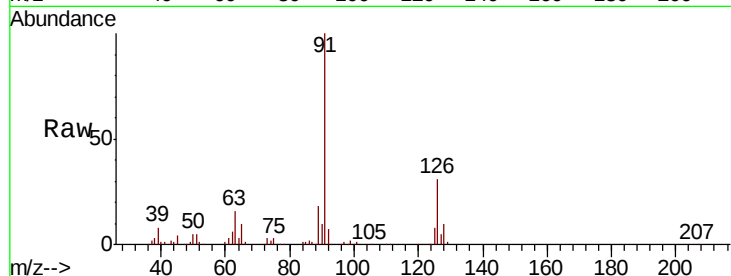




#79
 2-Chlorotoluene
 Concen: 50.077 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

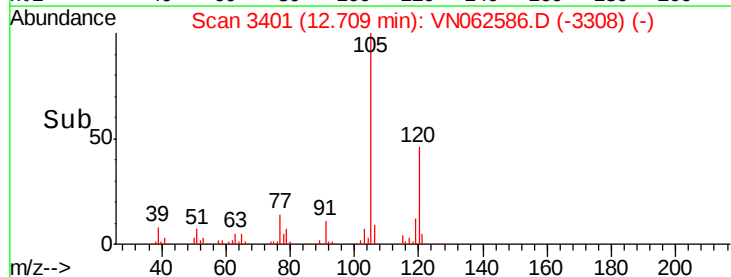
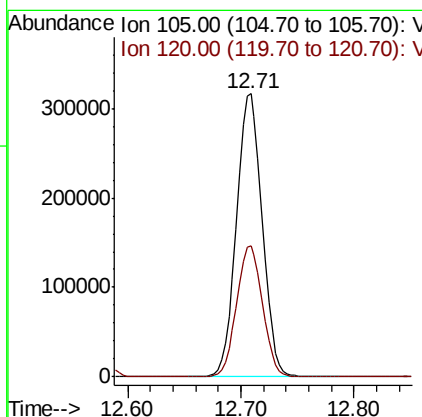
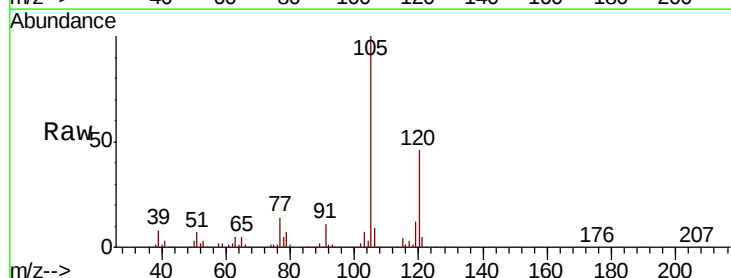
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

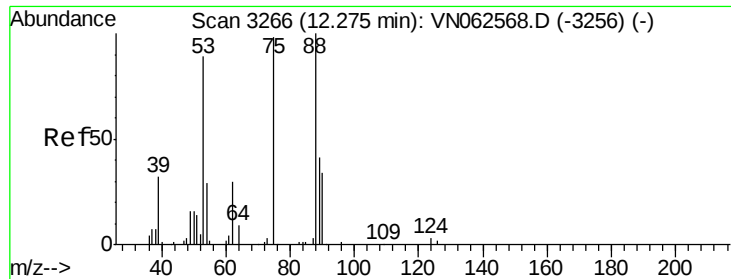
Tot Ion: 91 Resp: 413487
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.645 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 105 Resp: 499489
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.151 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

BFB

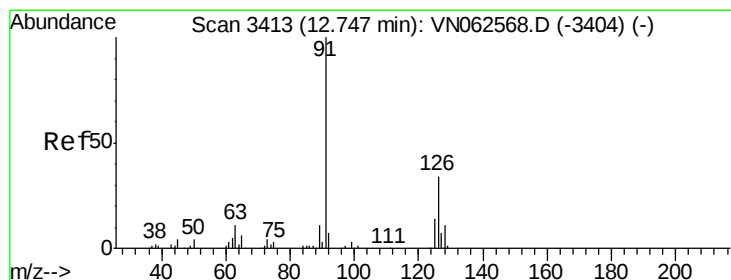
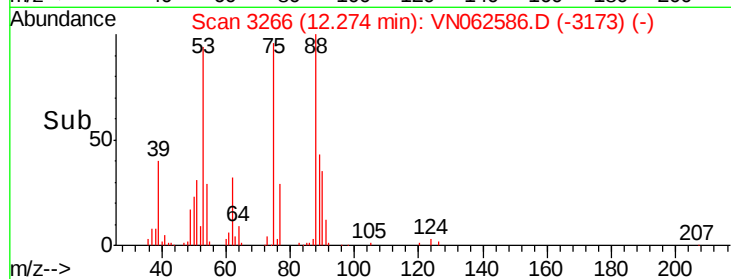
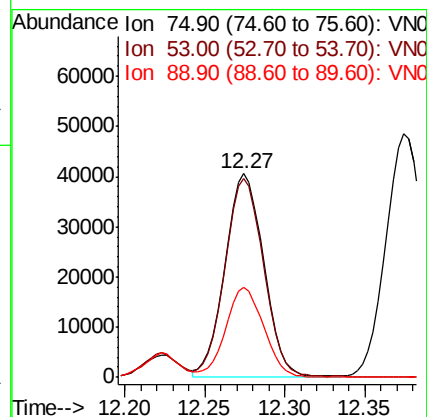
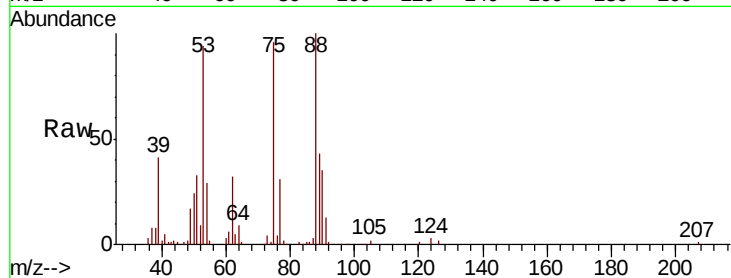
Tot Ion: 75 Resp: 67655

Ion Ratio Lower Upper

75 100

53 96.4 75.4 113.0

89 43.0 34.5 51.7



#82

4-Chlorotoluene

Concen: 50.318 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062586.D

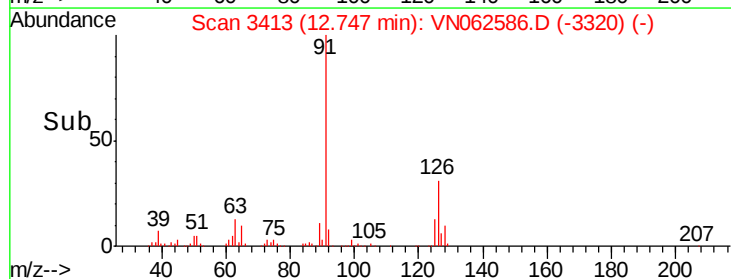
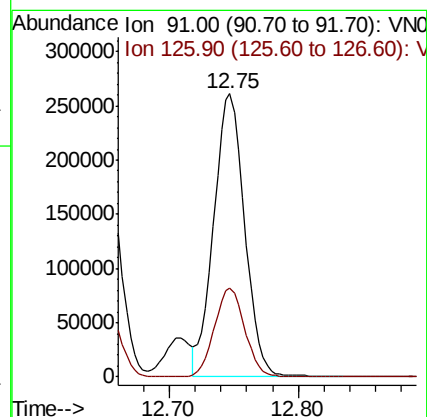
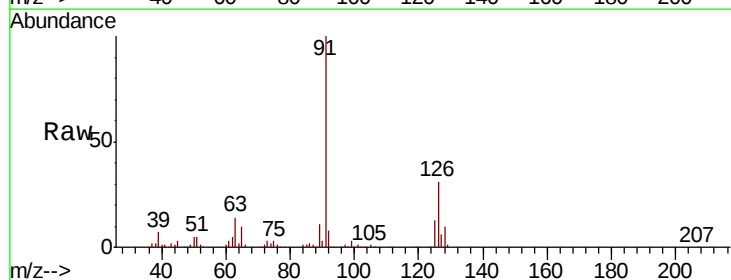
Acq: 22 Jul 2020 10:27

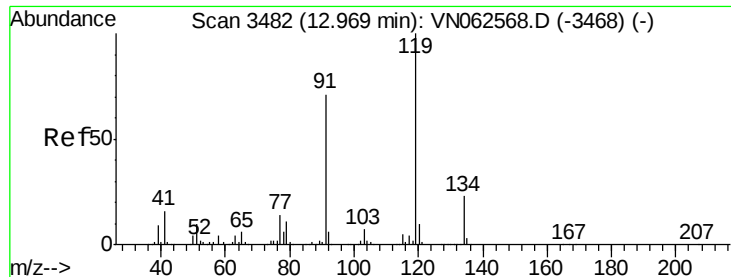
Tgt Ion: 91 Resp: 432455

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

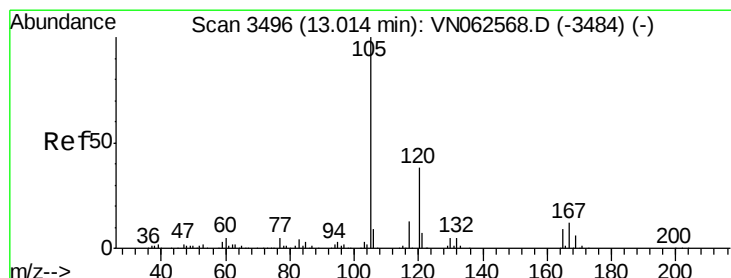
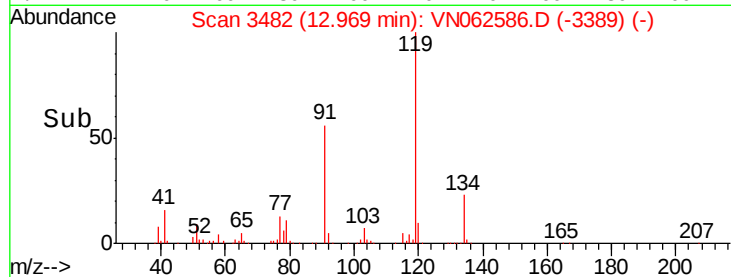
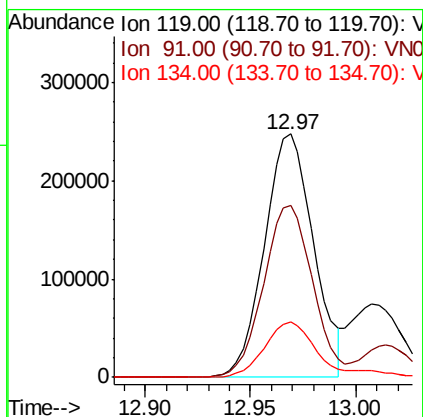
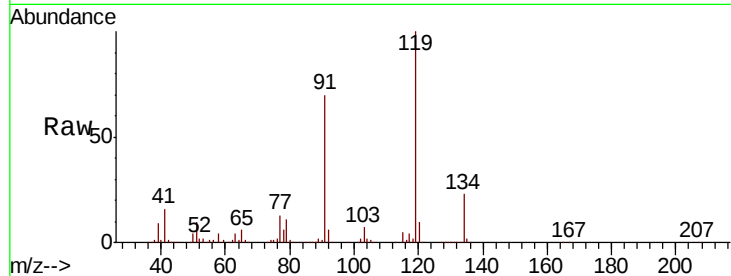




#83
 tert-Butylbenzene
 Concen: 51.001 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

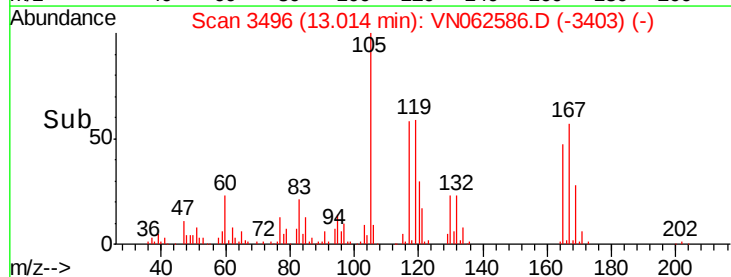
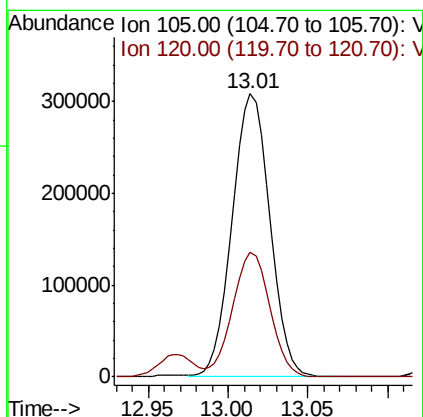
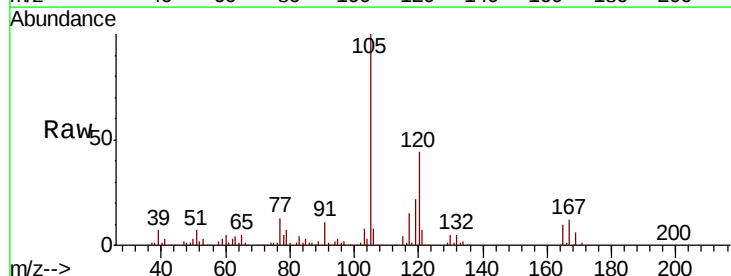
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

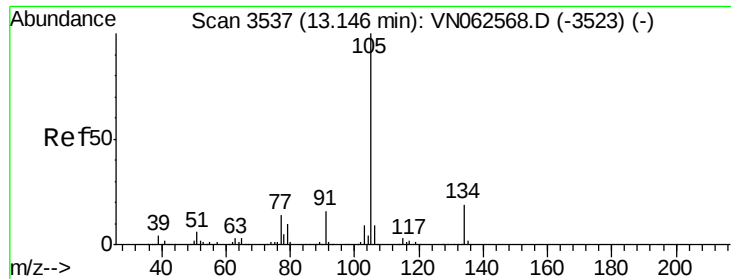
Tot Ion:119 Resp: 401800
 Ion Ratio Lower Upper
 119 100
 91 70.3 34.6 103.8
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 53.028 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion:105 Resp: 493564
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.458 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

Instrument :

MSVOA_N

ClientSampleId :

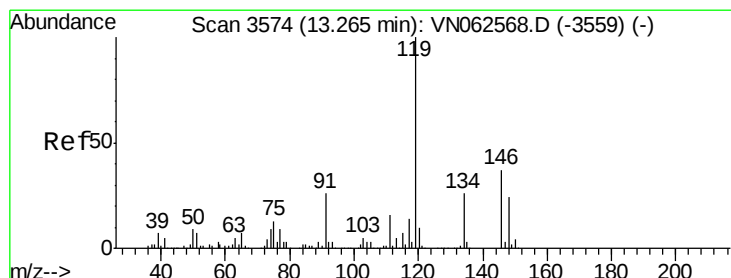
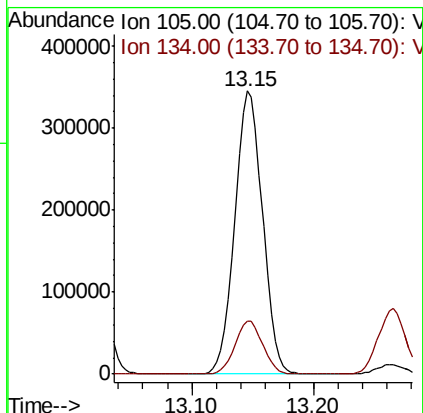
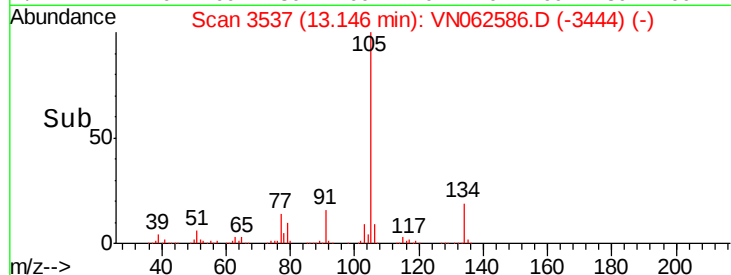
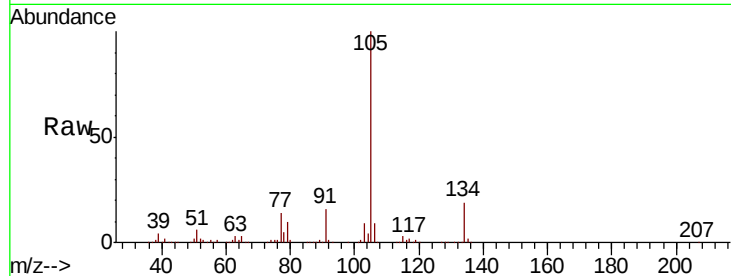
BFB

Tot Ion:105 Resp: 542744

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



#86

p-Isopropyltoluene

Concen: 53.834 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062586.D

Acq: 22 Jul 2020 10:27

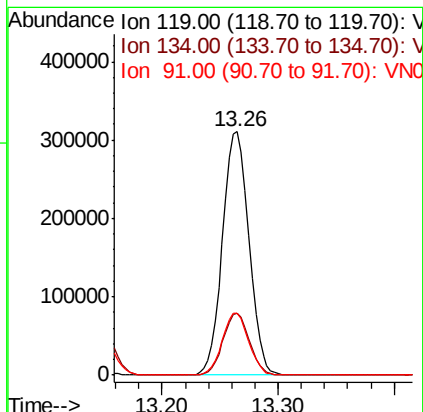
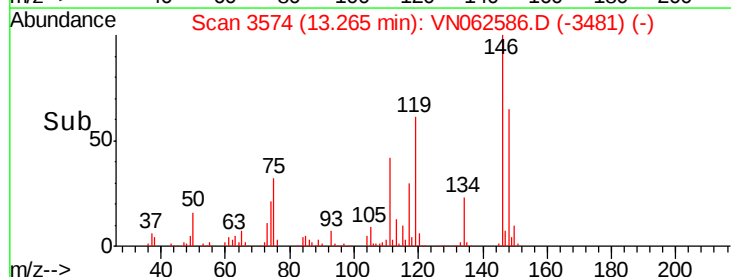
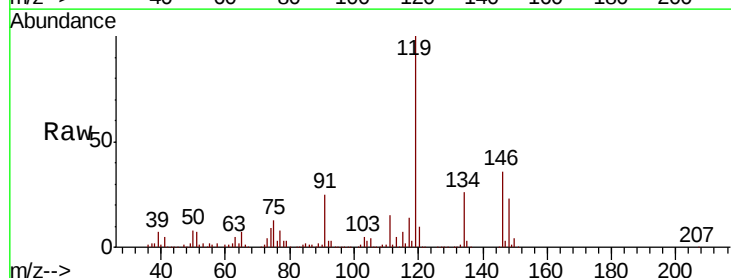
Tgt Ion:119 Resp: 488359

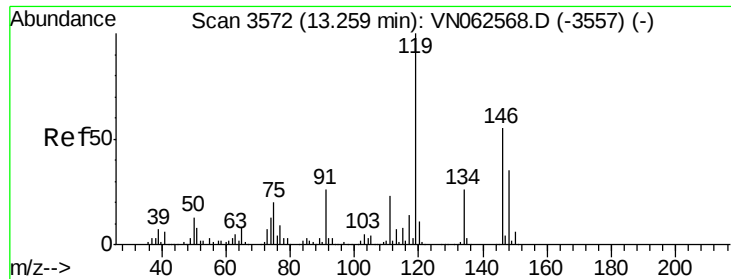
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 25.6 12.7 38.1

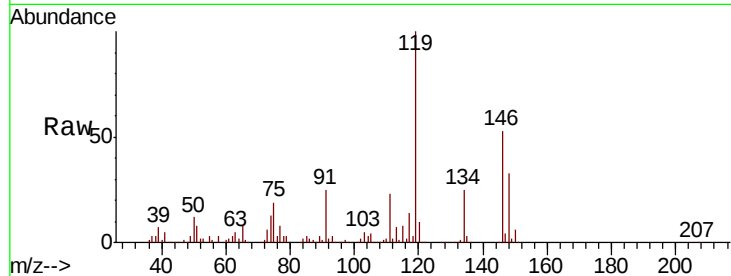




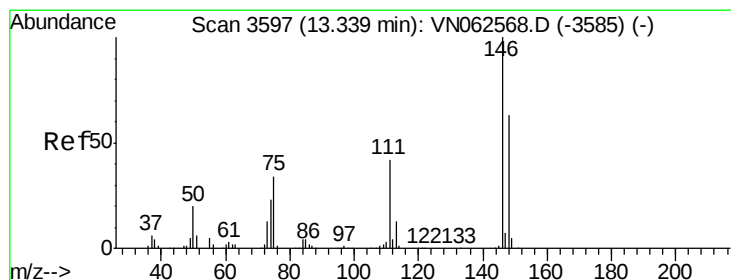
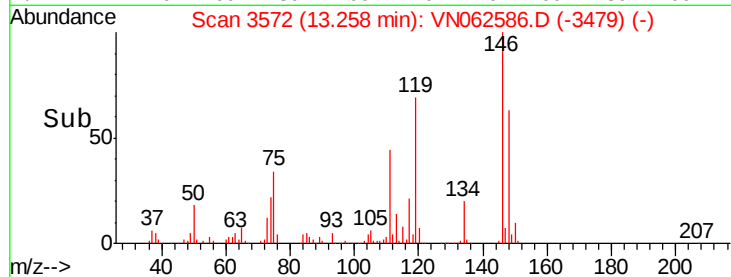
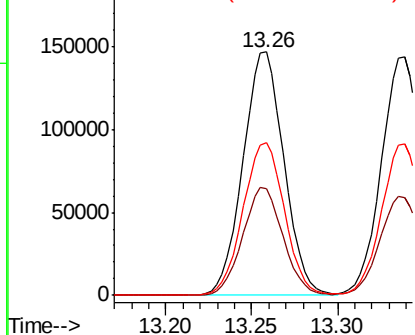
#87
 1,3-Dichlorobenzene
 Concen: 50.365 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:146 Resp: 242945
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 63.4 31.8 95.4

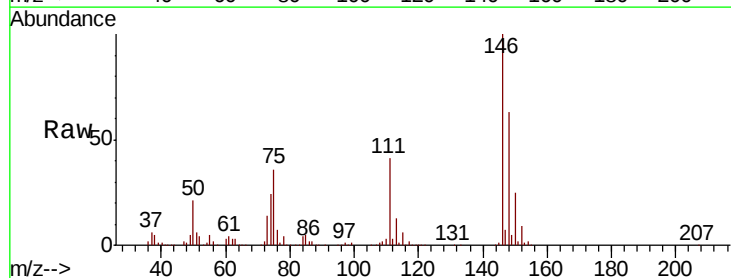


Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

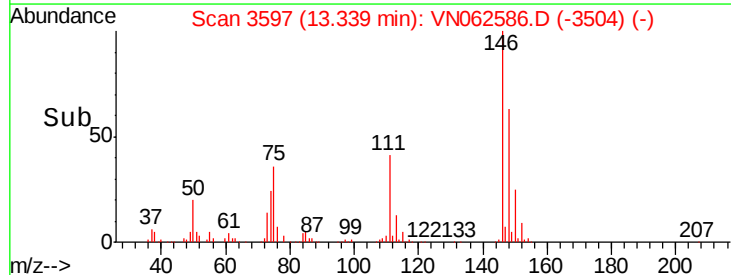
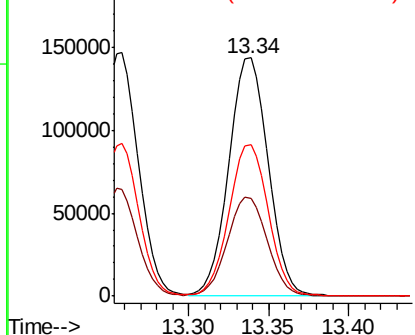


#88
 1,4-Dichlorobenzene
 Concen: 50.496 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion:146 Resp: 239779
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 63.7 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V
 200000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

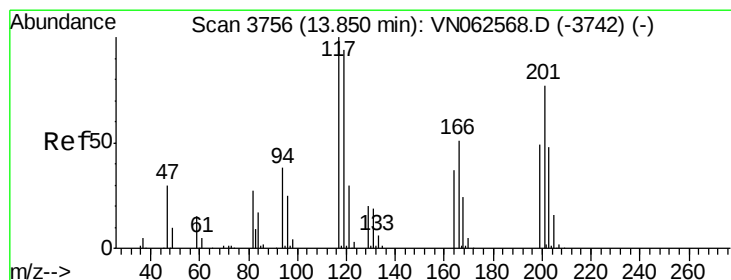
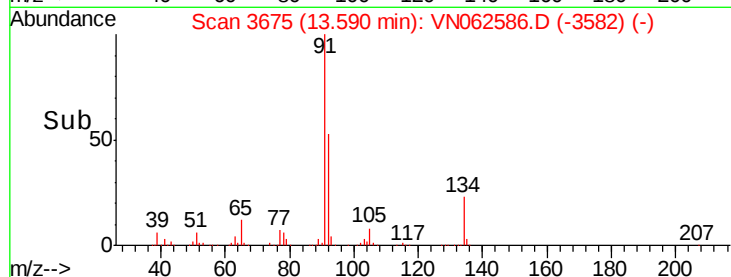
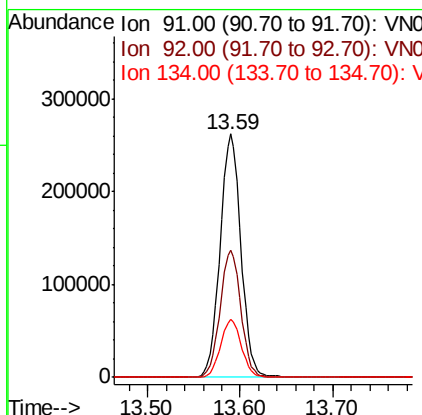
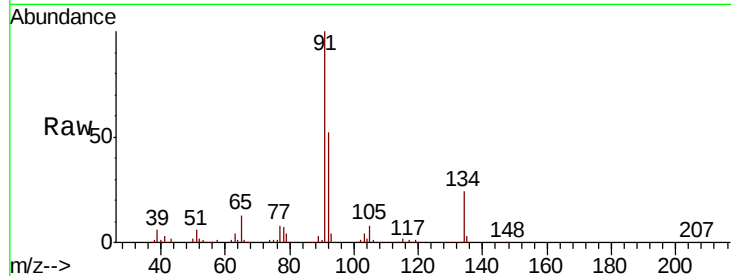




#89
n-Butylbenzene
Concen: 52.394 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

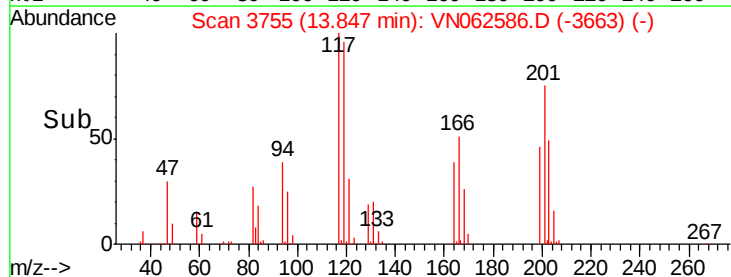
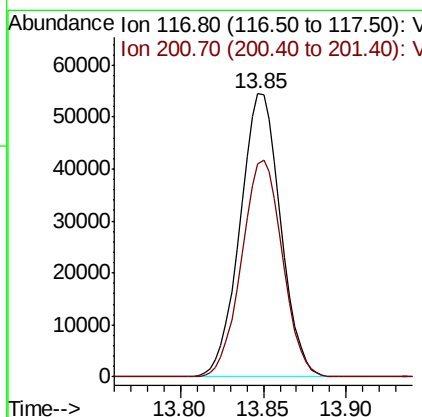
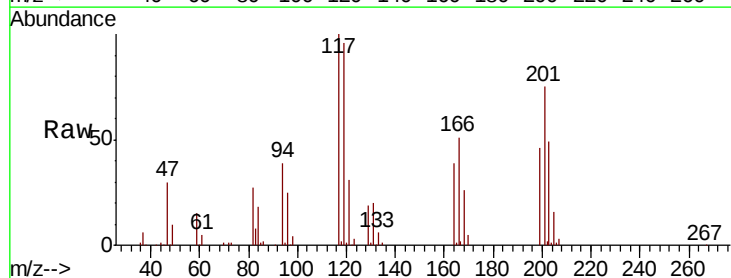
Instrument :
MSVOA_N
ClientSampleId :
BFB

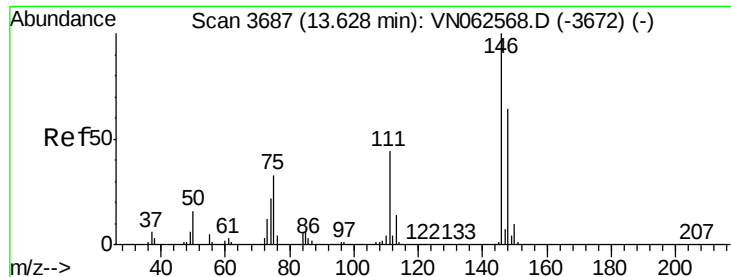
Tot Ion: 91 Resp: 408397
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 23.8 11.8 35.3



#90
Hexachloroethane
Concen: 48.034 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion: 117 Resp: 92761
Ion Ratio Lower Upper
117 100
201 77.1 39.2 117.6

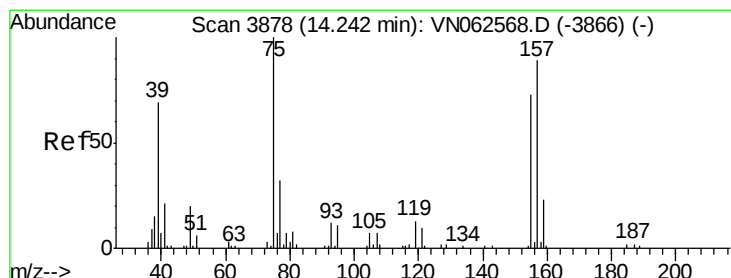
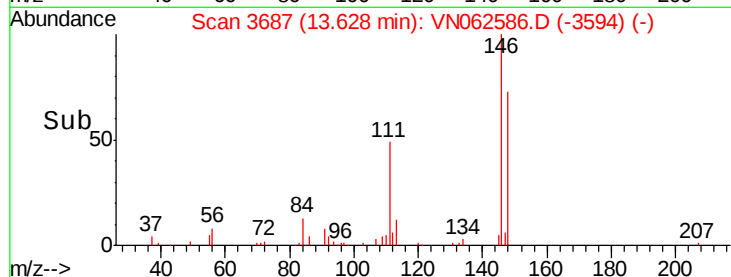
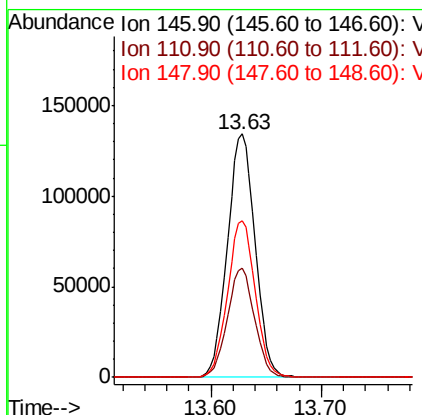
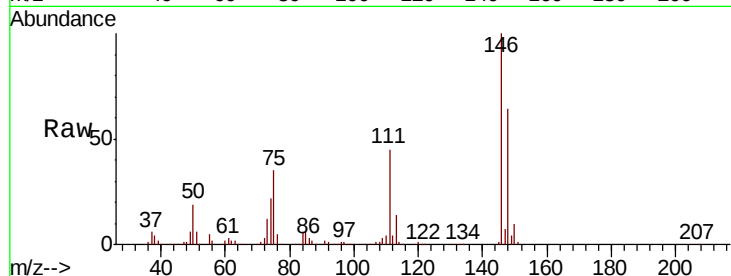




#91
 1,2-Dichlorobenzene
 Concen: 50.690 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

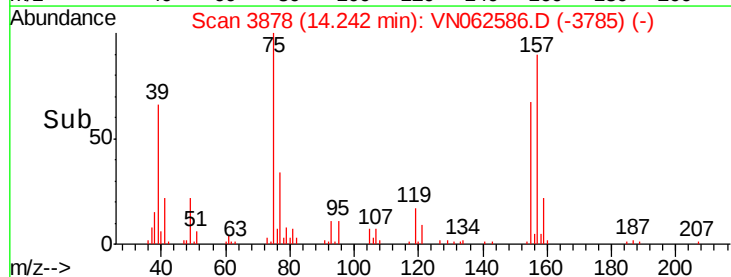
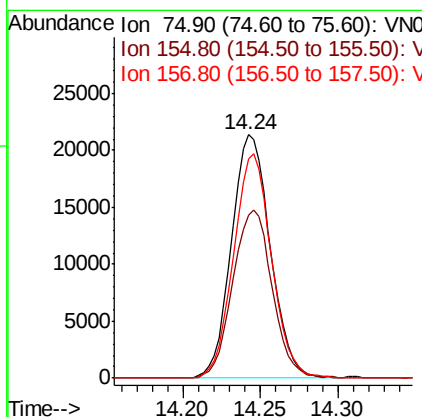
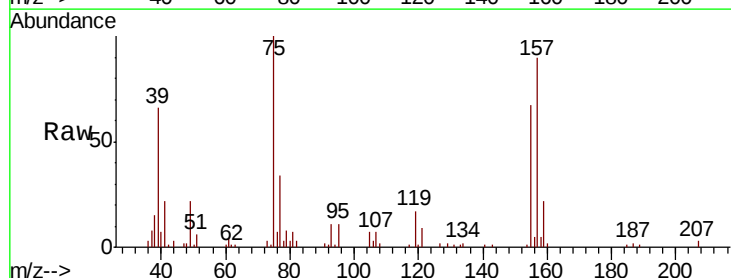
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

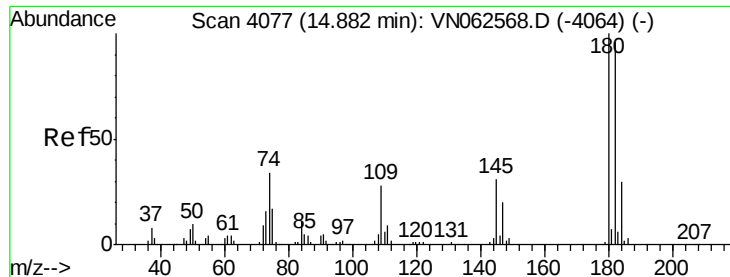
Tot Ion:146 Resp: 233803
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.9 65.8
 148 64.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.431 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion: 75 Resp: 37115
 Ion Ratio Lower Upper
 75 100
 155 70.1 35.9 107.5
 157 90.2 45.0 135.0

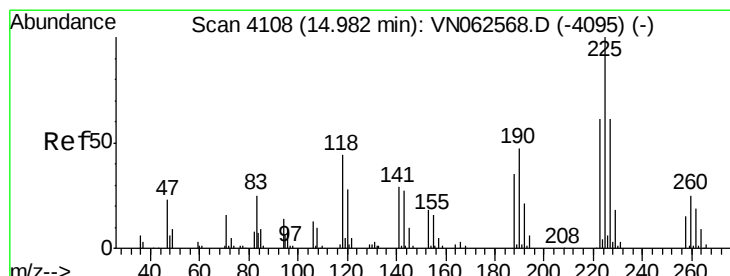
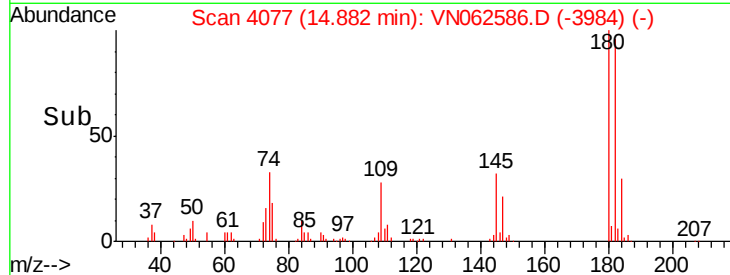
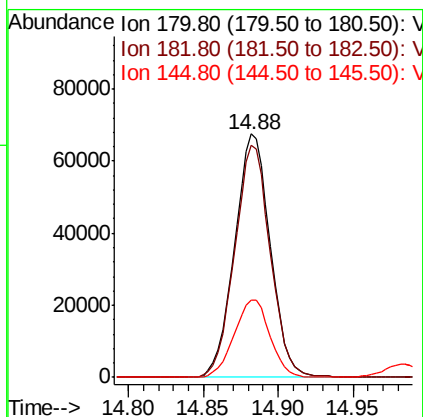
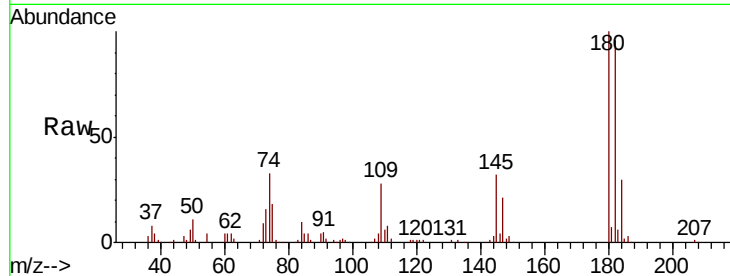




#93
 1,2,4-Trichlorobenzene
 Concen: 46.300 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

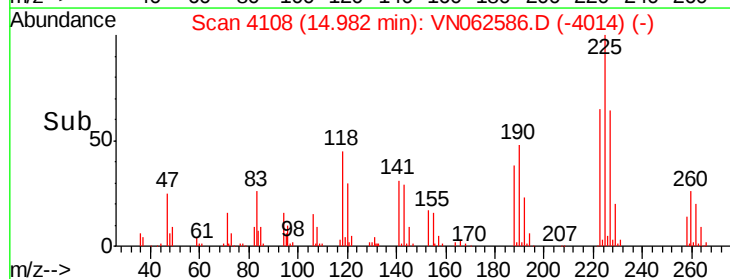
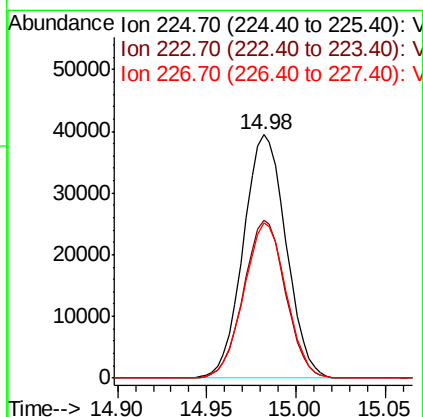
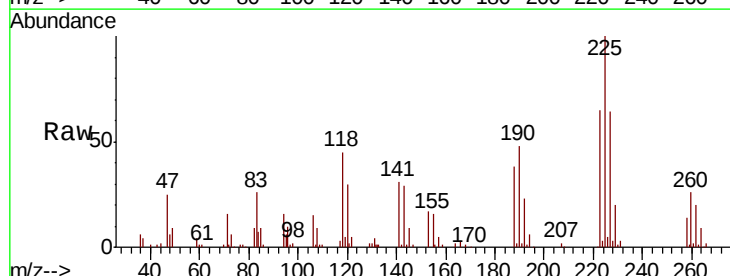
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

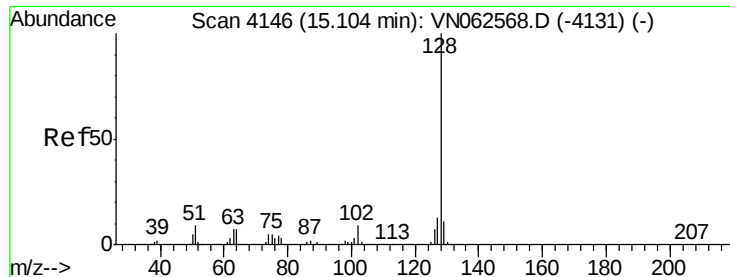
Tot Ion:180 Resp: 111691
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 32.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 52.861 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062586.D
 Acq: 22 Jul 2020 10:27

Tgt Ion:225 Resp: 65927
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.0
 227 63.4 31.1 93.2

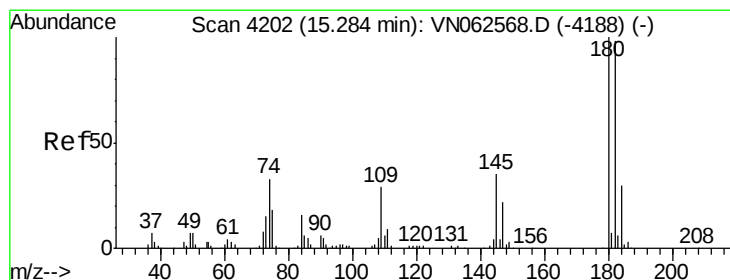
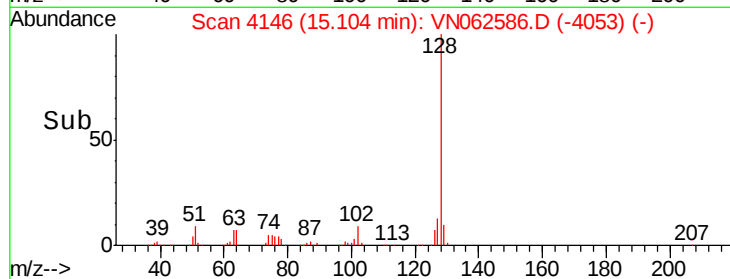
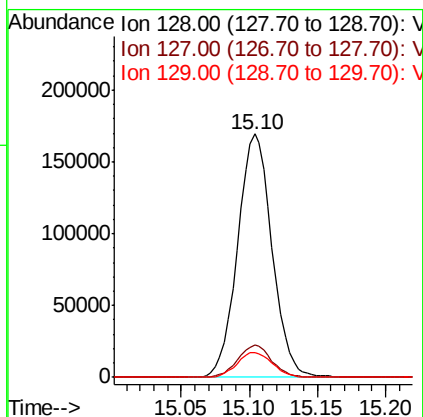
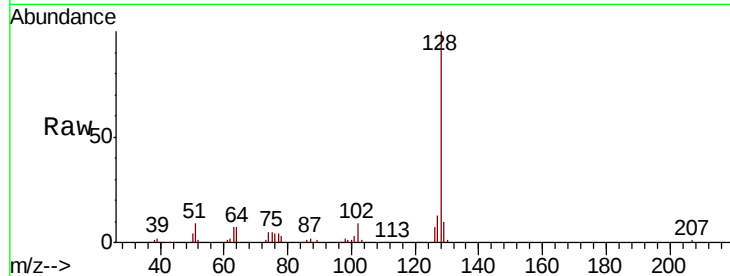




#95
Naphthalene
Concen: 46.341 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:128 Resp: 296198
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.763 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062586.D
Acq: 22 Jul 2020 10:27

Tgt Ion:180 Resp: 112513
Ion Ratio Lower Upper
180 100
182 93.9 48.1 144.3
145 33.9 16.7 50.1

