

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061092.D
 Acq On : 20 Apr 2020 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Apr 21 03:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	171957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	279208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	99477	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	7.56	113	78099	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.08	98	286705	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
62) 4-Bromofluorobenzene	12.39	95	111508	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112009	49.287	ug/l	99
3) Chloromethane	2.04	50	148365	48.647	ug/l	100
4) Vinyl Chloride	2.16	62	123934	48.899	ug/l	99
5) Bromomethane	2.54	94	61576	48.447	ug/l	99
6) Chloroethane	2.68	64	74562	50.999	ug/l	99
7) Trichlorofluoromethane	3.00	101	157549	49.931	ug/l	98
8) Diethyl Ether	3.38	74	63160	50.364	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	92031	49.714	ug/l	100
10) Methyl Iodide	3.92	142	92493	56.635	ug/l	99
11) Tert butyl alcohol	4.72	59	99103	253.881	ug/l	100
12) 1,1-Dichloroethene	3.71	96	92367	49.085	ug/l	97
13) Acrolein	3.57	56	79208	240.322	ug/l	99
14) Allyl chloride	4.29	41	171257	48.100	ug/l	99
15) Acrylonitrile	4.94	53	282902	267.294	ug/l	99
16) Acetone	3.77	43	307611	317.659	ug/l	100
17) Carbon Disulfide	4.03	76	278503	47.298	ug/l	99
18) Methyl Acetate	4.28	43	165471	54.493	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	325460	49.603	ug/l	99
20) Methylene Chloride	4.52	84	104650	49.497	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	98838	49.108	ug/l	98
22) Diisopropyl ether	5.91	45	376431	50.906	ug/l	100
23) Vinyl Acetate	5.85	43	1486641	256.377	ug/l	100
24) 1,1-Dichloroethane	5.81	63	197926	49.558	ug/l	99
25) 2-Butanone	6.79	43	415954	280.313	ug/l	100
26) 2,2-Dichloropropane	6.79	77	170044	51.136	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	114150	49.401	ug/l	100
28) Bromochloromethane	7.17	49	87090	47.506	ug/l	99
29) Tetrahydrofuran	7.17	42	262850	260.920	ug/l	100
30) Chloroform	7.34	83	186875	50.166	ug/l	97
31) Cyclohexane	7.63	56	192027	46.856	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	160388	49.777	ug/l	99
36) 1,1-Dichloropropene	7.76	75	146453	50.831	ug/l	100
37) Ethyl Acetate	6.89	43	165514	52.906	ug/l	99
38) Carbon Tetrachloride	7.75	117	127015	52.962	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	180230	52.323	ug/l	99
40) Benzene	8.01	78	434460	50.829	ug/l	99
41) Methacrylonitrile	7.17	41	235106	180.172	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	150505	51.689	ug/l	100
43) Isopropyl Acetate	8.13	43	269307	52.929	ug/l	100
44) Trichloroethene	8.81	130	109327	50.903	ug/l	99
45) 1,2-Dichloropropane	9.10	63	118637	51.387	ug/l	98
46) Dibromomethane	9.19	93	71284	53.553	ug/l	98
47) Bromodichloromethane	9.38	83	146613	52.138	ug/l	99
48) Methyl methacrylate	9.18	41	120610	53.639	ug/l	98
49) 1,4-Dioxane	9.18	88	33999	1087.743	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	808868	275.770	ug/l	100
52) Toluene	10.14	92	263566	51.400	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	172038	52.670	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	185514	52.054	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	101229	52.166	ug/l	97
56) Ethyl methacrylate	10.42	69	167611	54.929	ug/l	100
57) 1,3-Dichloropropane	10.69	76	180196	52.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	340573	245.624	ug/l	100
59) 2-Hexanone	10.74	43	601227	284.227	ug/l	100
60) Dibromochloromethane	10.89	129	107086	53.721	ug/l	99
61) 1,2-Dibromoethane	10.99	107	102954	52.067	ug/l	100
64) Tetrachloroethene	10.62	164	104932	53.495	ug/l	99
65) Chlorobenzene	11.42	112	267029	50.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	97028	51.250	ug/l	100
67) Ethyl Benzene	11.50	91	509471	51.182	ug/l	99
68) m/p-Xylenes	11.61	106	373873	103.929	ug/l	100
69) o-Xylene	11.94	106	177692	51.374	ug/l	99
70) Styrene	11.96	104	295017	52.981	ug/l	100
71) Bromoform	12.12	173	74952	53.038	ug/l #	99
73) Isopropylbenzene	12.24	105	482452	50.702	ug/l	100
74) N-amyl acetate	12.06	43	232284	52.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	149202	51.366	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	205566	78.685	ug/l #	100
77) Bromobenzene	12.52	156	111199	50.051	ug/l	100
78) n-propylbenzene	12.58	91	575507	51.694	ug/l	100
79) 2-Chlorotoluene	12.67	91	335556	51.391	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	408346	51.918	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	53741	50.739	ug/l	99
82) 4-Chlorotoluene	12.77	91	346337	51.143	ug/l	99
83) tert-Butylbenzene	12.99	119	340335	51.452	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	412813	53.098	ug/l	99
85) sec-Butylbenzene	13.17	105	463474	51.714	ug/l	100
86) p-Isopropyltoluene	13.28	119	419289	52.538	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	201550	50.904	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	199932	50.193	ug/l	99
89) n-Butylbenzene	13.61	91	389005	52.417	ug/l	99
90) Hexachloroethane	13.87	117	60090	49.076	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	193364	51.169	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29658	52.758	ug/l	99

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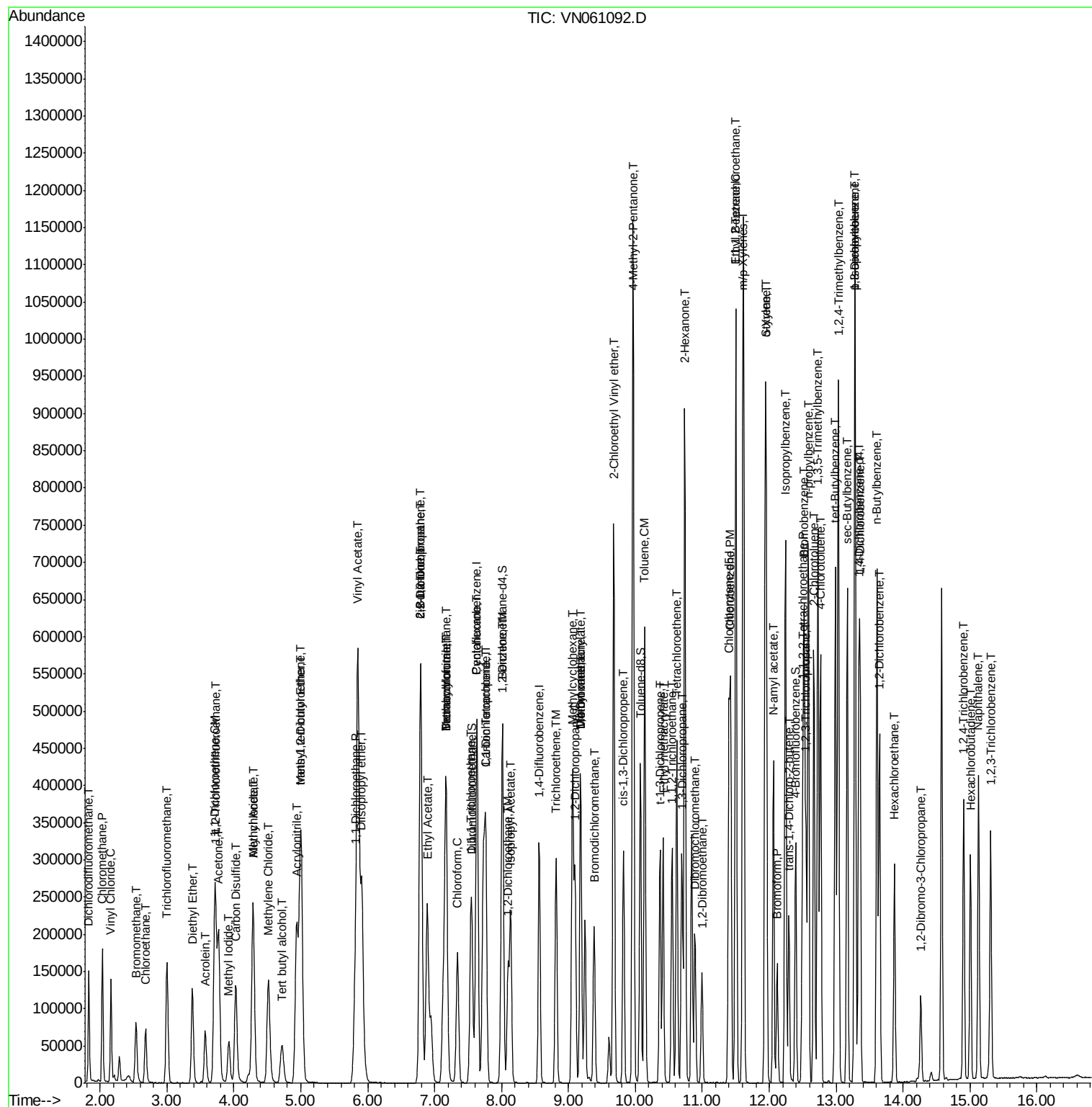
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	116824	52.231	ug/l	99
94) Hexachlorobutadiene	15.01	225	57266	49.770	ug/l	99
95) Naphthalene	15.13	128	339205	52.001	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	112215	52.060	ug/l	99

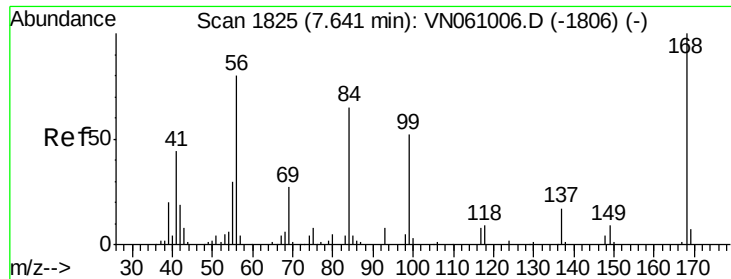
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

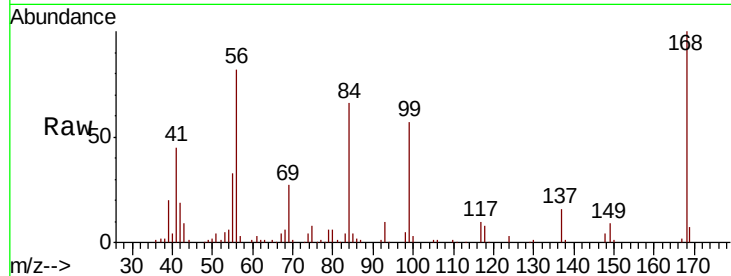
BFB

Tot Ion:168 Resp: 171957

Ion Ratio Lower Upper

168 100

99 57.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

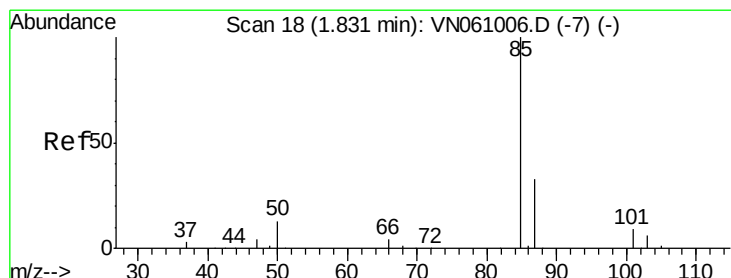
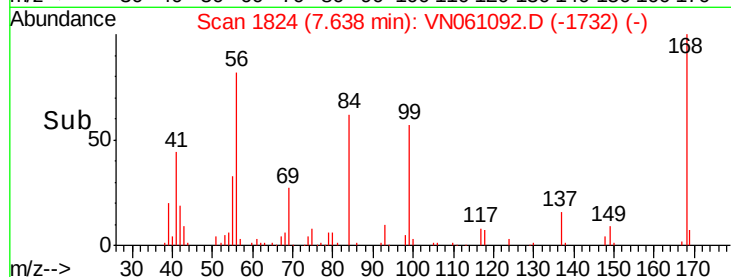
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 49.287 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061092.D

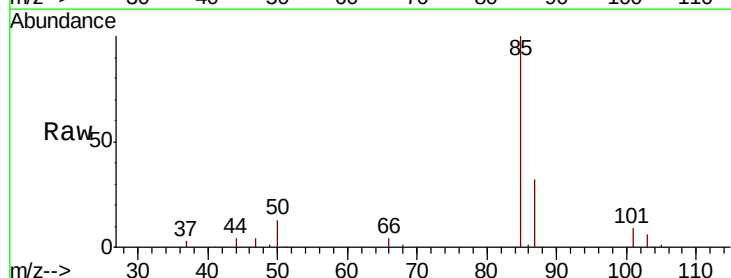
Acq: 20 Apr 2020 11:00

Tgt Ion: 85 Resp: 112009

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

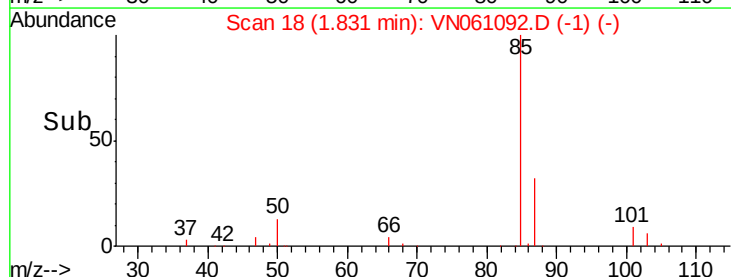
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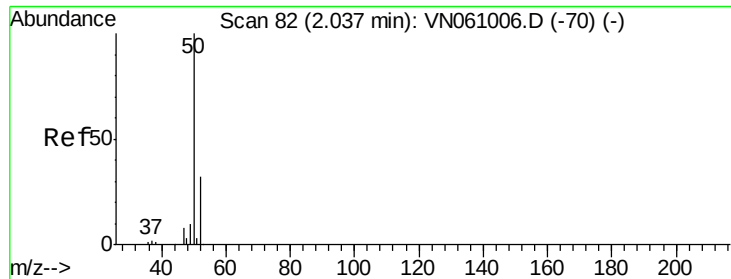
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.647 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

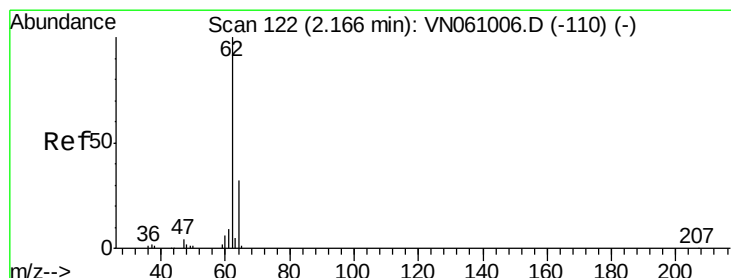
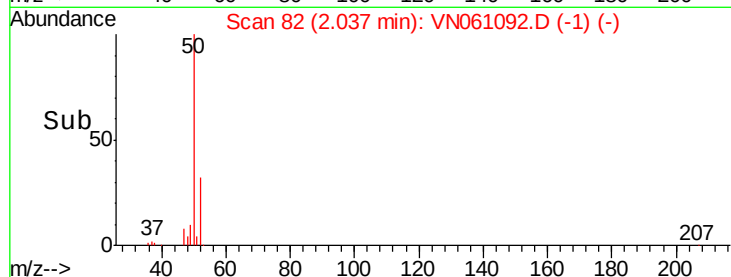
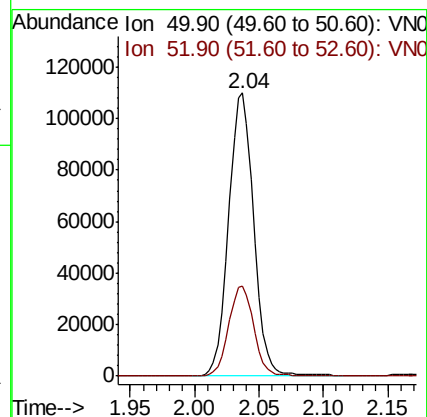
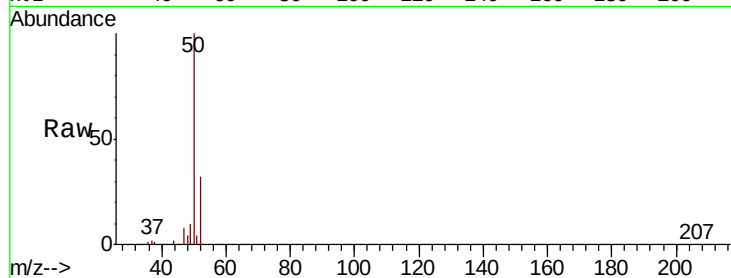
BFB

Tot Ion: 50 Resp: 148365

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 48.899 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN061092.D

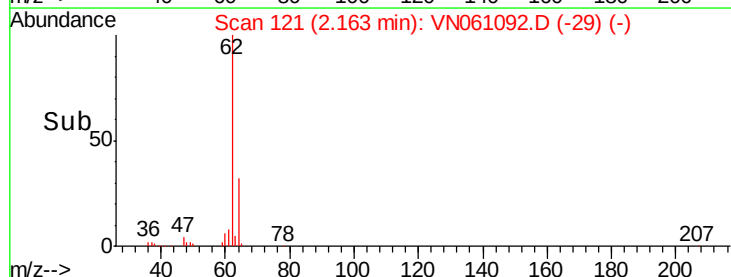
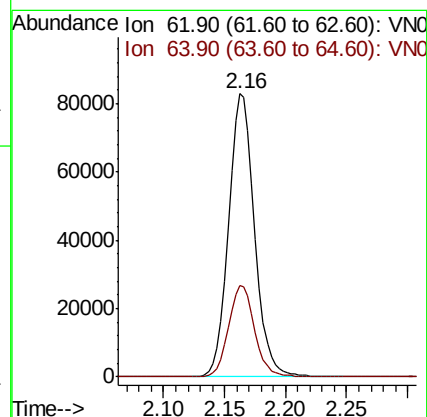
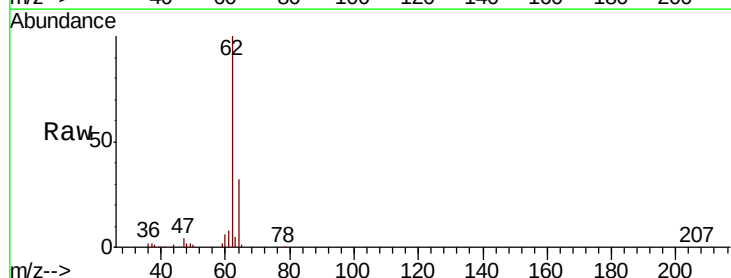
Acq: 20 Apr 2020 11:00

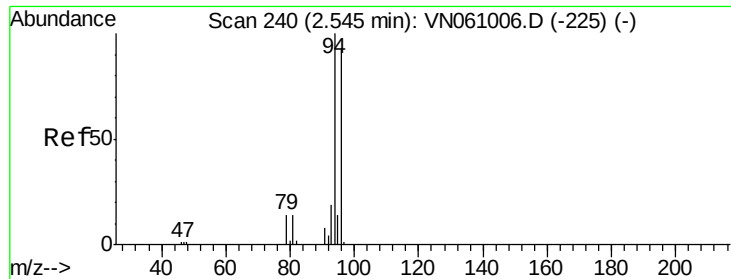
Tgt Ion: 62 Resp: 123934

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 48.447 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

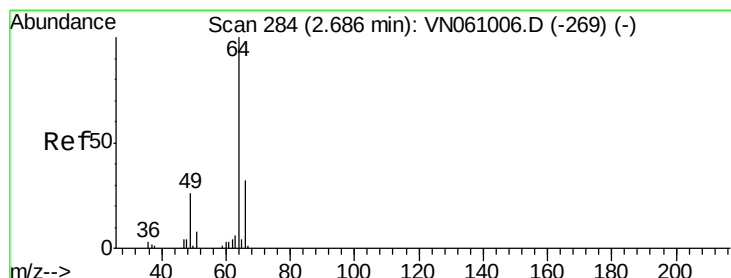
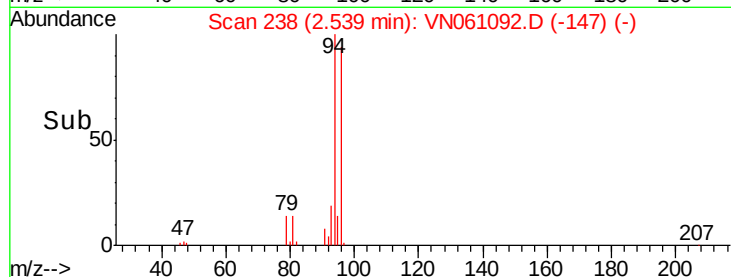
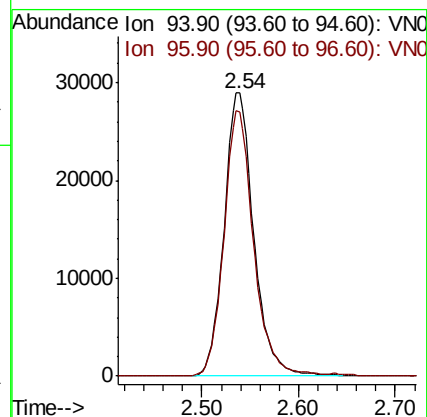
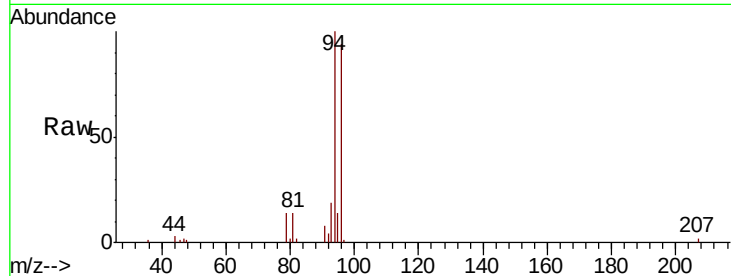
BFB

Tot Ion: 94 Resp: 61576

Ion Ratio Lower Upper

94 100

96 93.5 74.3 111.5



#6

Chloroethane

Concen: 50.999 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN061092.D

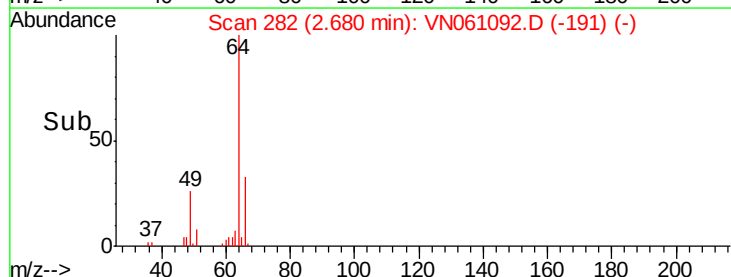
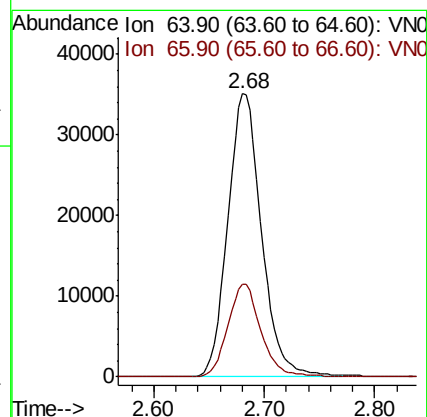
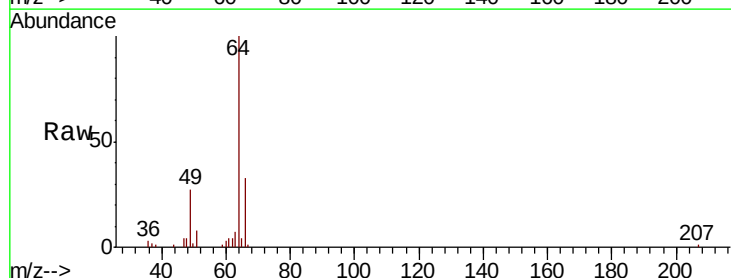
Acq: 20 Apr 2020 11:00

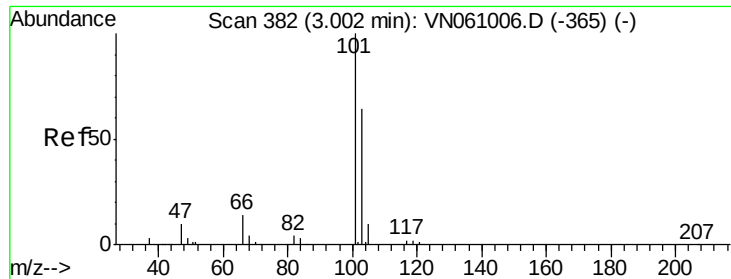
Tgt Ion: 64 Resp: 74562

Ion Ratio Lower Upper

64 100

66 32.8 25.8 38.8



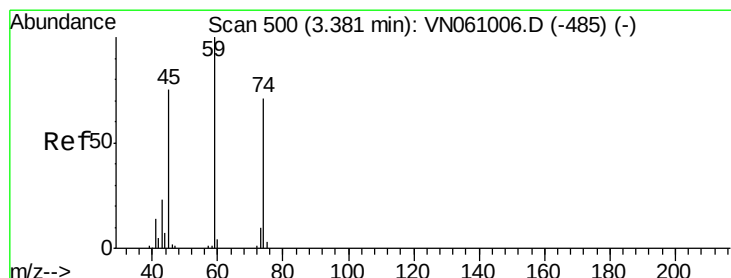
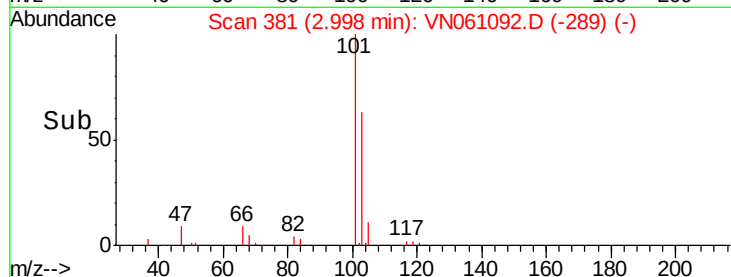
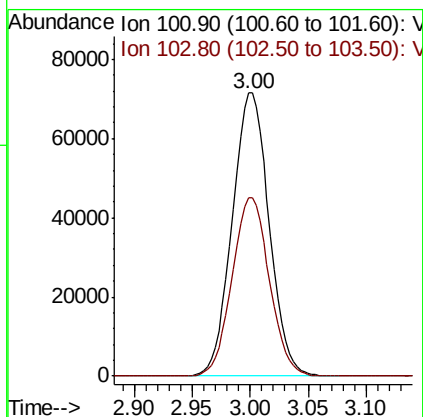
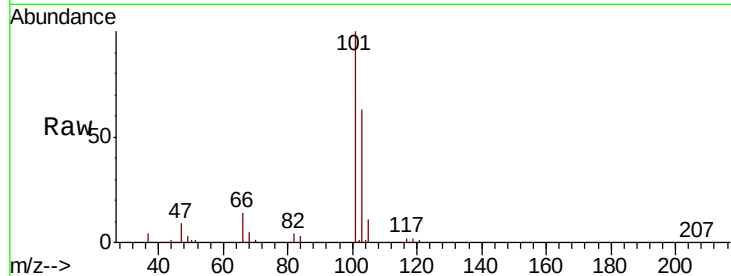


#7

Trichlorofluoromethane
Concen: 49.931 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Instrument :
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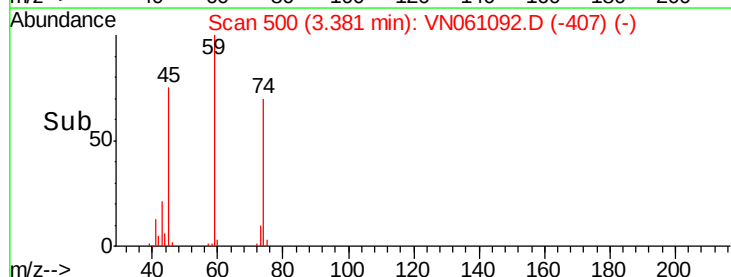
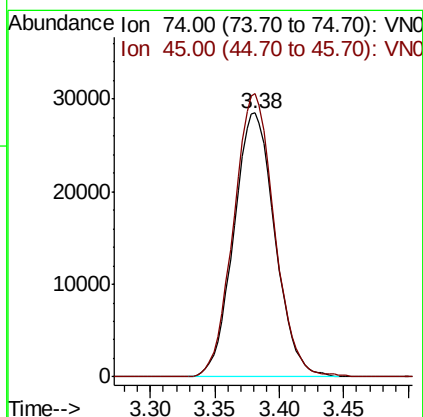
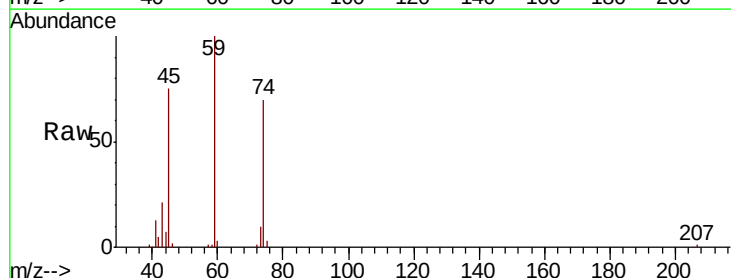
Tot Ion:101 Resp: 157549
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

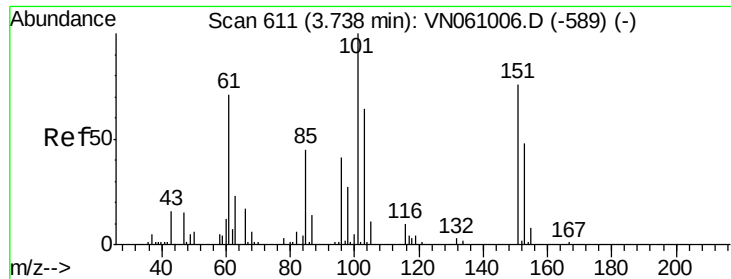


#8

Diethyl Ether
Concen: 50.364 ug/l
RT: 3.38 min Scan# 500
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 74 Resp: 63160
Ion Ratio Lower Upper
74 100
45 106.5 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.714 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

BFB

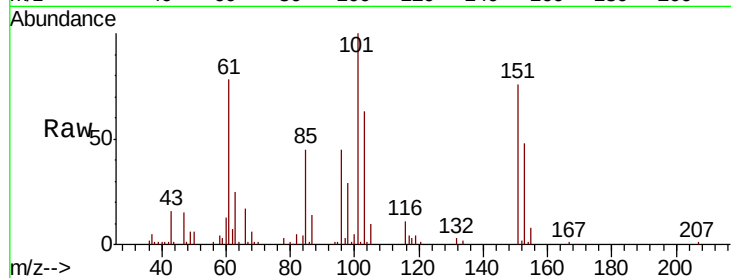
Tot Ion:101 Resp: 92031

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

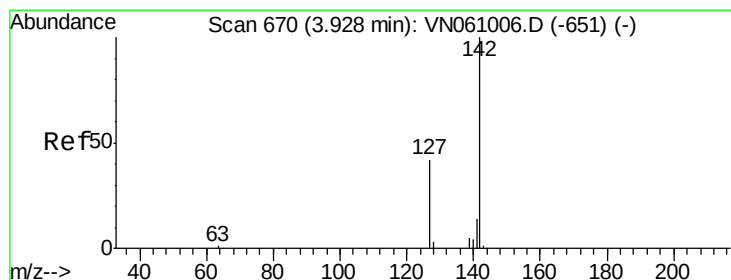
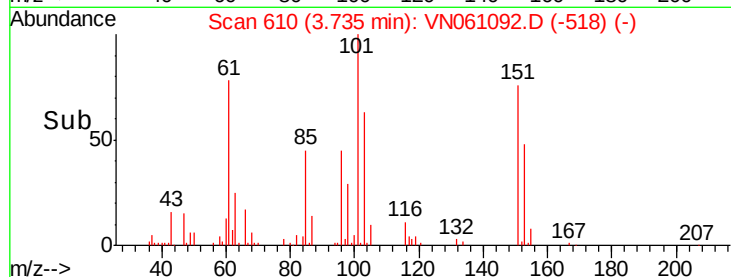
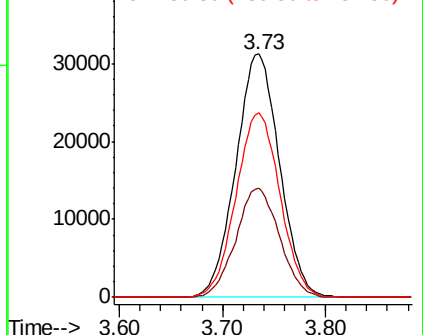
151 76.2 60.8 91.2



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: 56.635 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

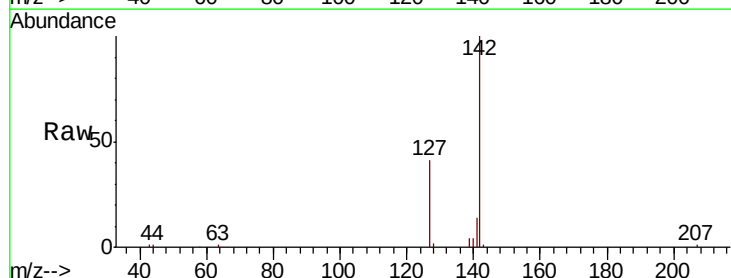
Tgt Ion:142 Resp: 92493

Ion Ratio Lower Upper

142 100

127 41.2 33.4 50.2

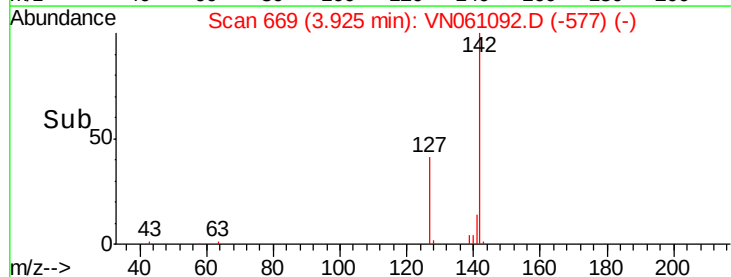
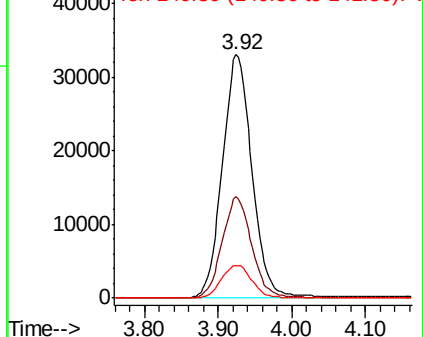
141 13.7 11.0 16.6

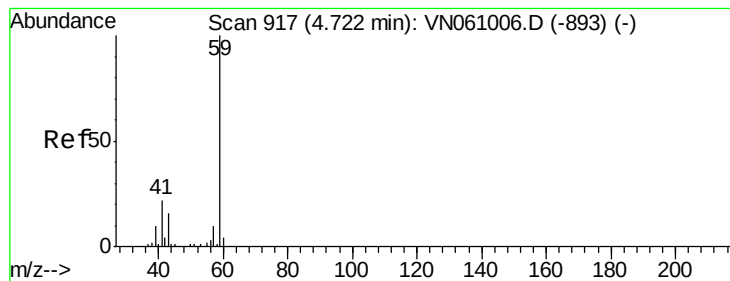


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



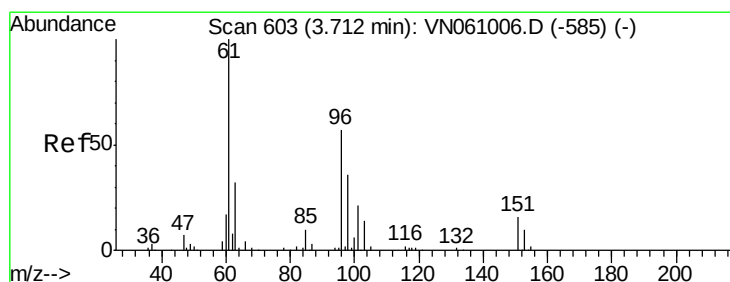
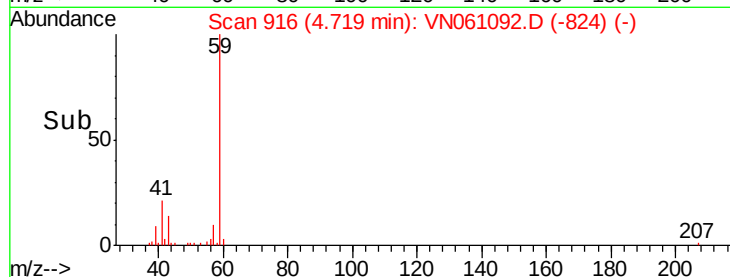
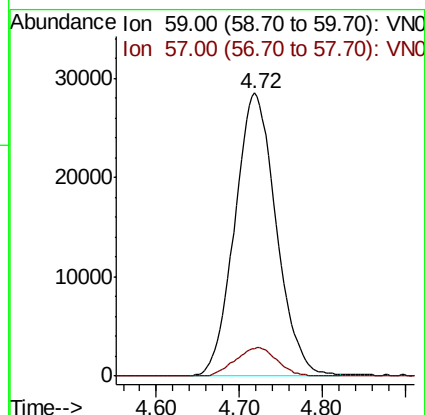
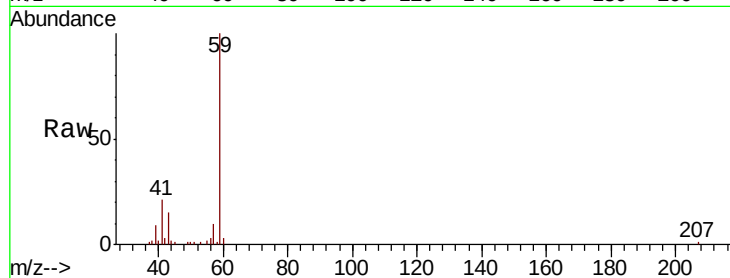


#11

Tert butyl alcohol
 Concen: 253.881 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

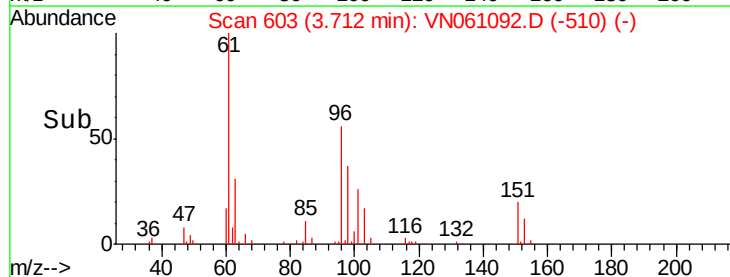
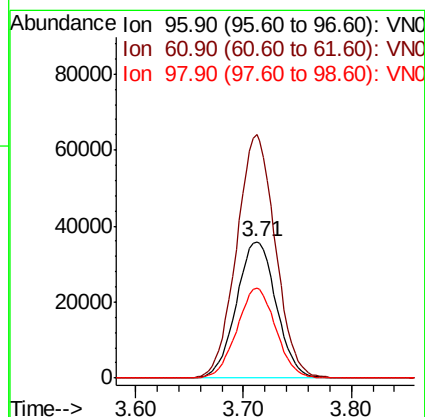
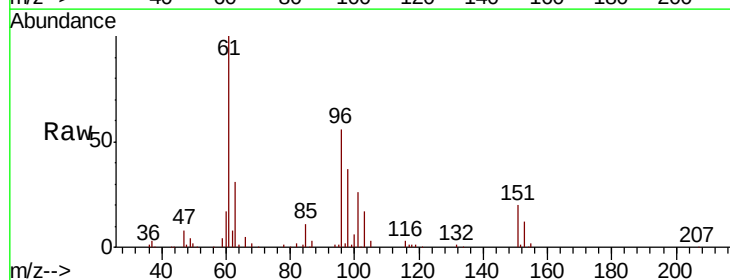
Tot Ion: 59 Resp: 99103
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.1 12.1

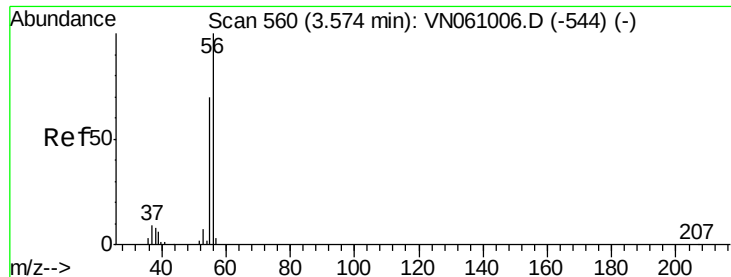


#12

1,1-Dichloroethene
 Concen: 49.085 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion: 96 Resp: 92367
 Ion Ratio Lower Upper
 96 100
 61 178.1 139.2 208.8
 98 66.3 50.0 75.0





#13

Acrolein

Concen: 240.322 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

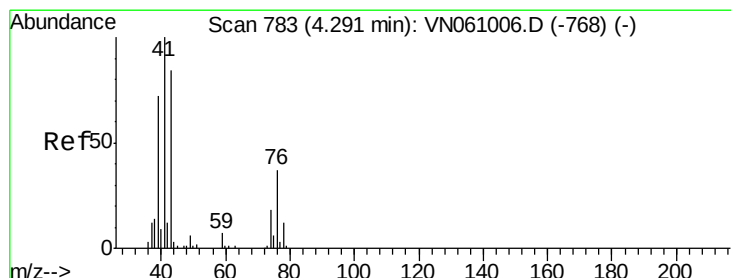
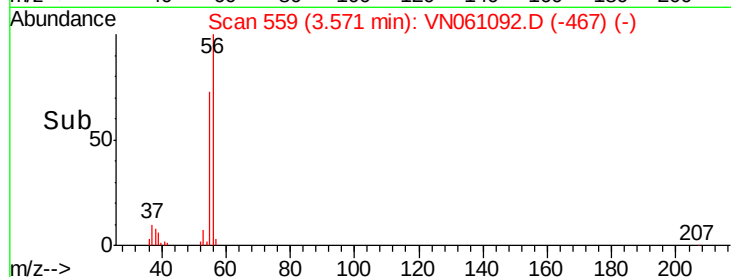
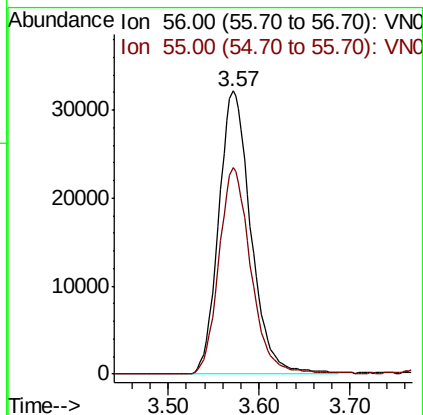
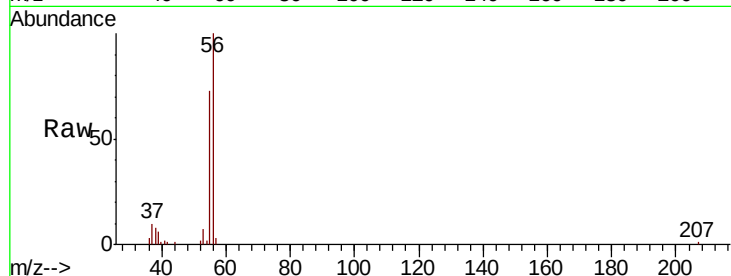
BFB

Tot Ion: 56 Resp: 79208

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.6



#14

Allyl chloride

Concen: 48.100 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

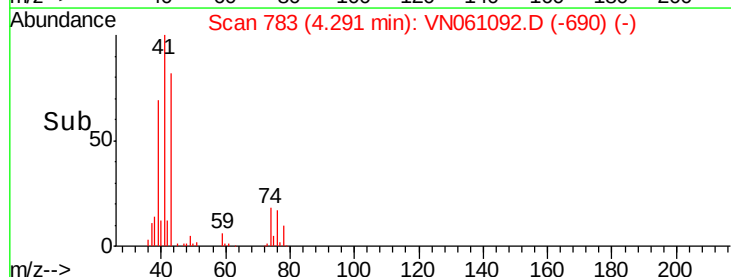
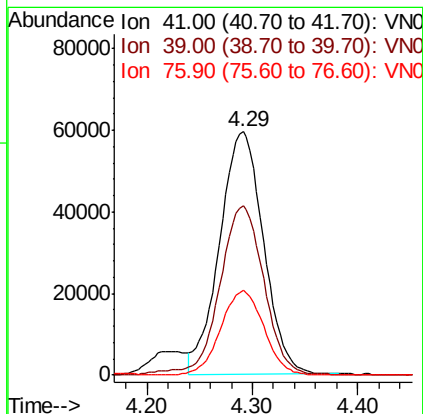
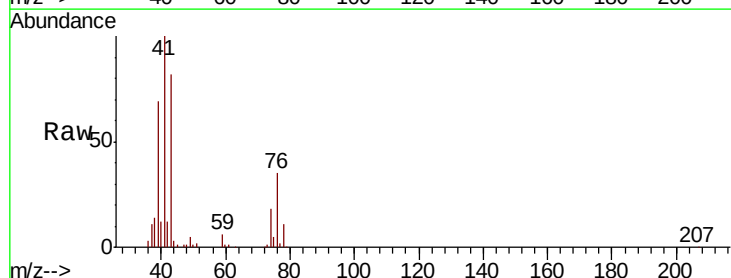
Tgt Ion: 41 Resp: 171257

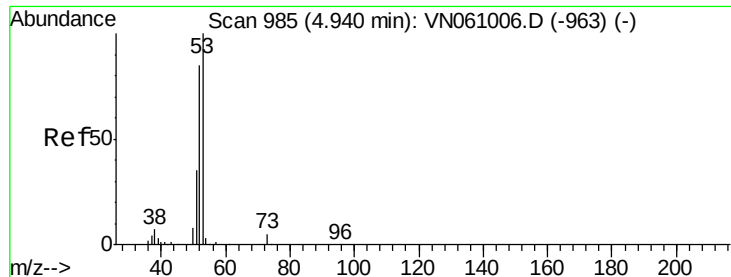
Ion Ratio Lower Upper

41 100

39 70.9 56.3 84.5

76 34.4 27.7 41.5





#15

Acrylonitrile

Concen: 267.294 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

BFB

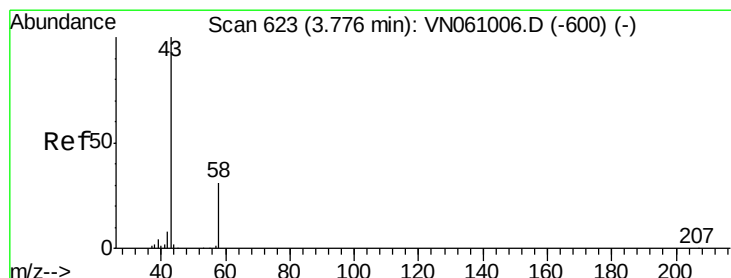
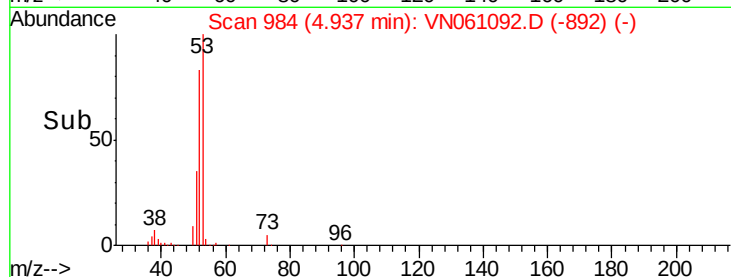
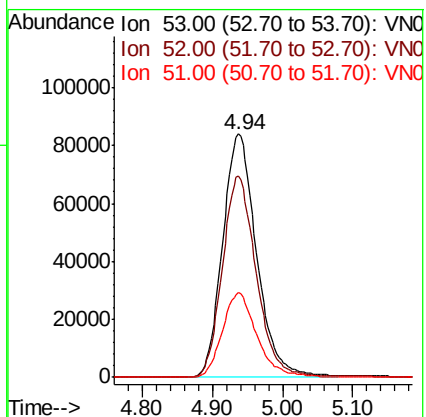
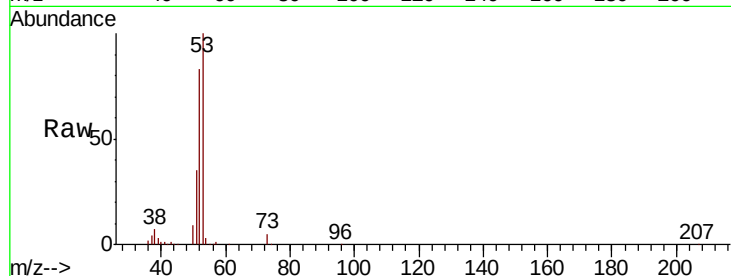
Tot Ion: 53 Resp: 282902

Ion Ratio Lower Upper

53 100

52 82.8 66.8 100.2

51 35.3 28.9 43.3



#16

Acetone

Concen: 317.659 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061092.D

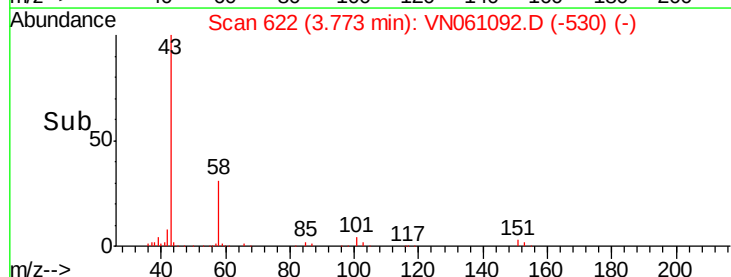
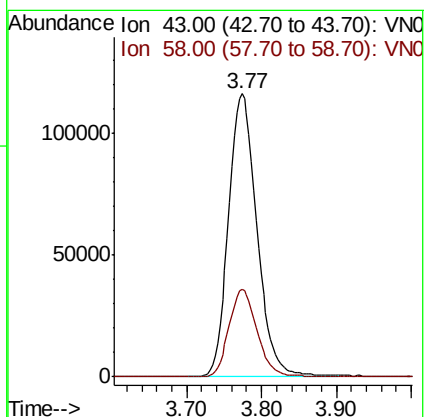
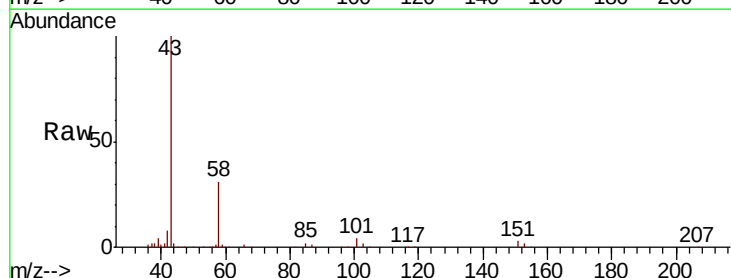
Acq: 20 Apr 2020 11:00

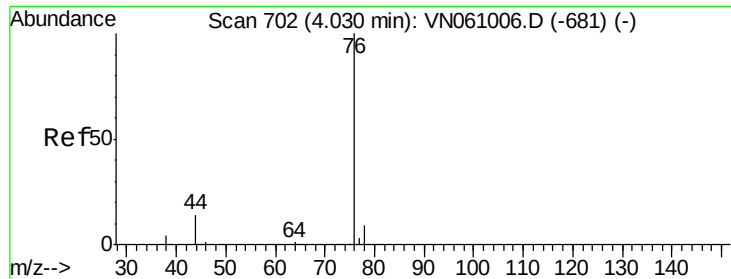
Tgt Ion: 43 Resp: 307611

Ion Ratio Lower Upper

43 100

58 31.0 24.6 37.0





#17

Carbon Disulfide

Concen: 47.298 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

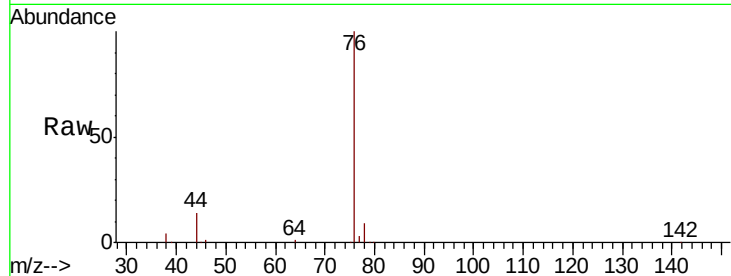
BFB

Tot Ion: 76 Resp: 278503

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN061006.D (-681) (-)

4.03

100000

80000

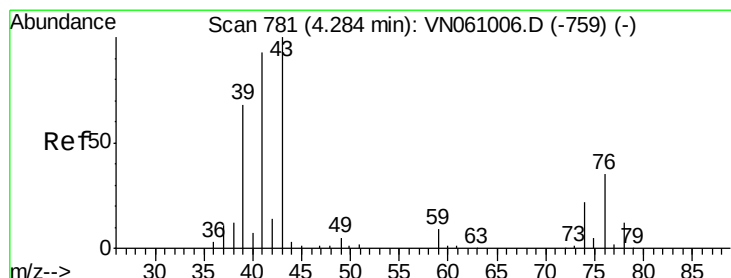
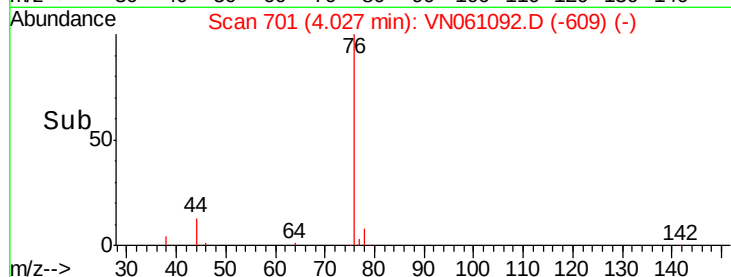
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 54.493 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN061092.D

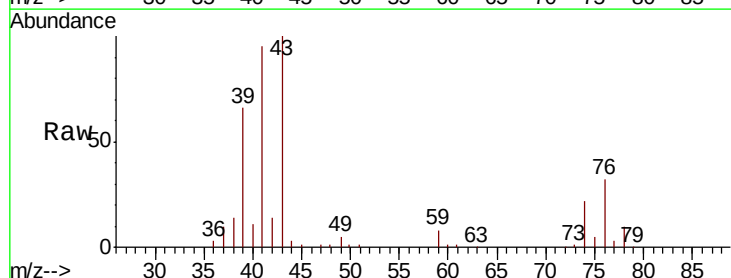
Acq: 20 Apr 2020 11:00

Tgt Ion: 43 Resp: 165471

Ion Ratio Lower Upper

43 100

74 21.5 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN061006.D (-759) (-)

4.28

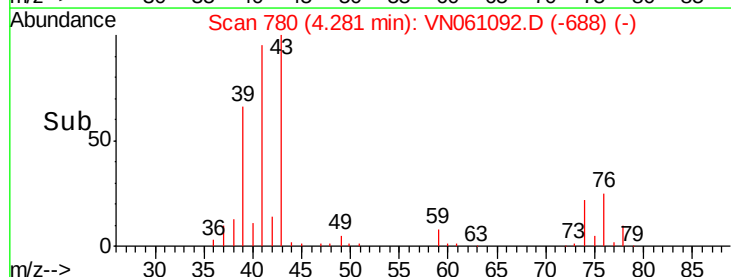
60000

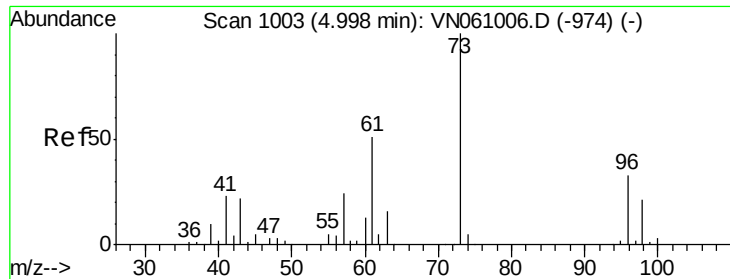
40000

20000

0

Time-->

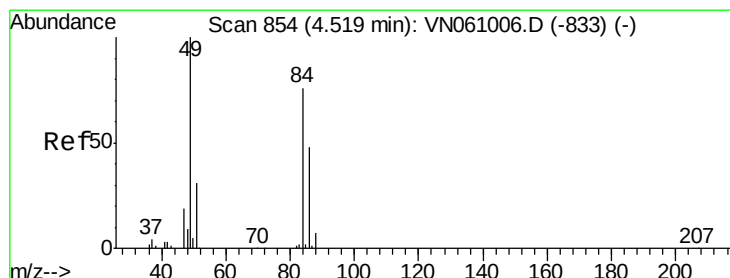
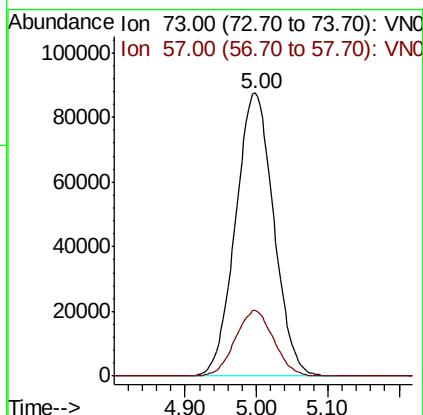
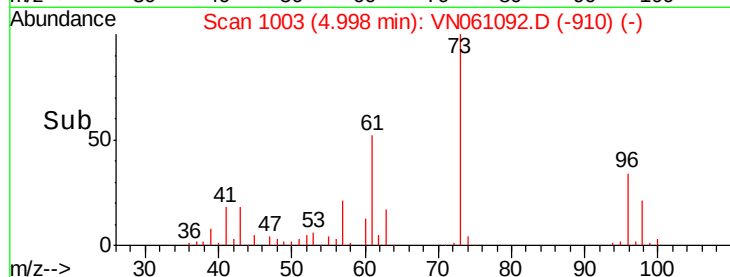
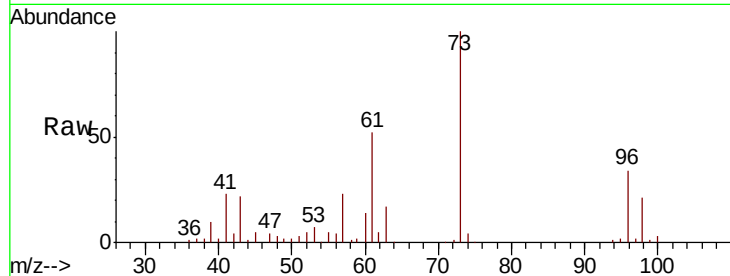




#19
Methyl tert-butyl Ether
Concen: 49.603 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

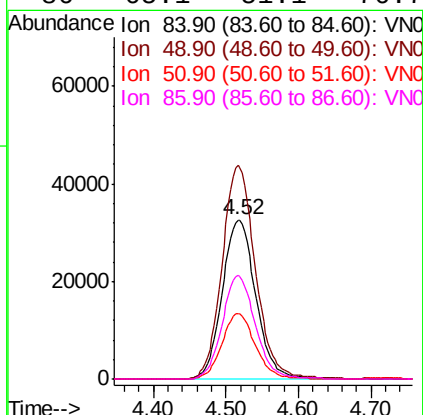
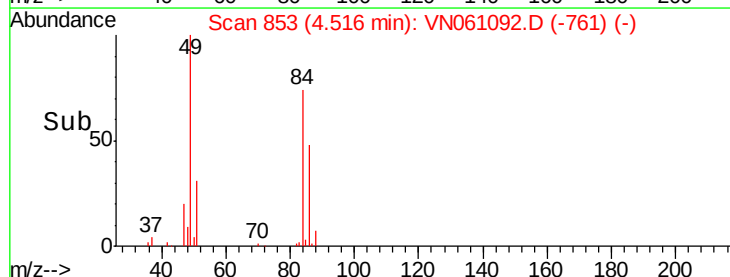
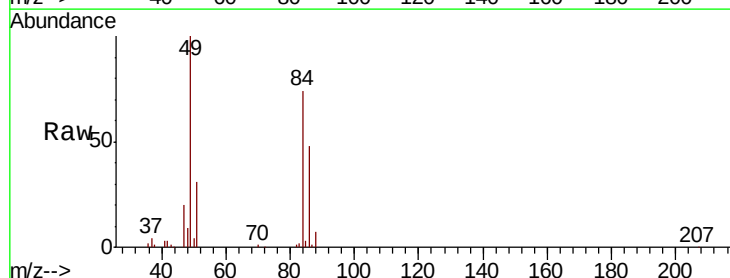
Instrument :
MSVOA_N
ClientSampled :
BFB

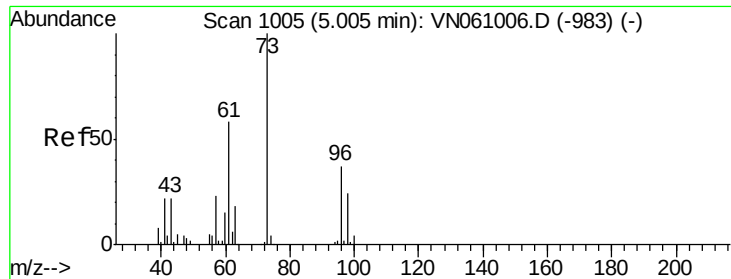
Tot Ion: 73 Resp: 325460
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.4



#20
Methylene Chloride
Concen: 49.497 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 84 Resp: 104650
Ion Ratio Lower Upper
84 100
49 134.3 105.8 158.6
51 41.3 32.4 48.6
86 65.1 51.1 76.7

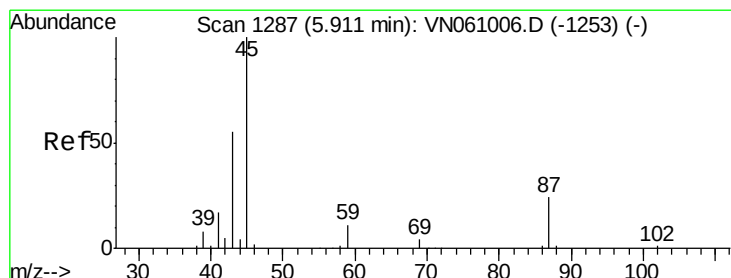
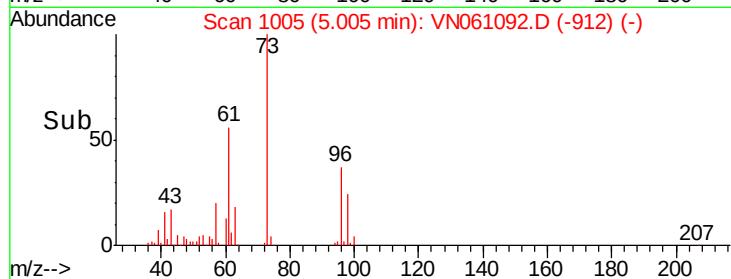
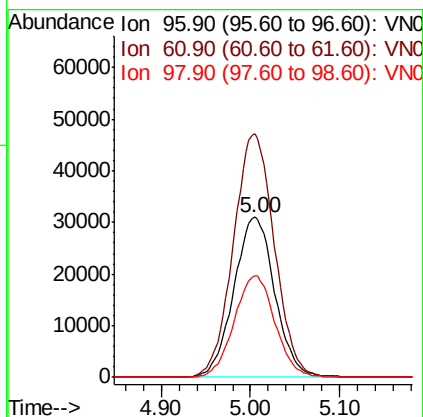
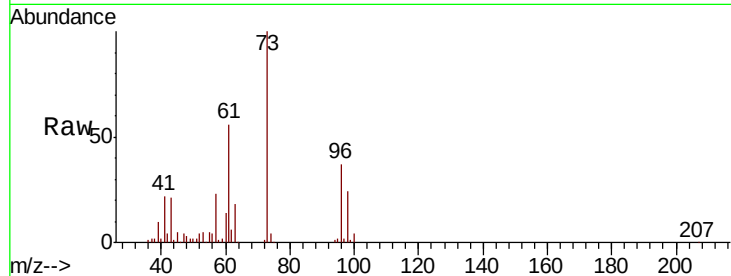




#21
trans-1,2-Dichloroethene
Concen: 49.108 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

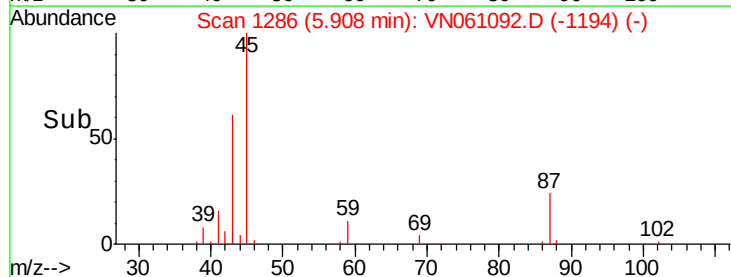
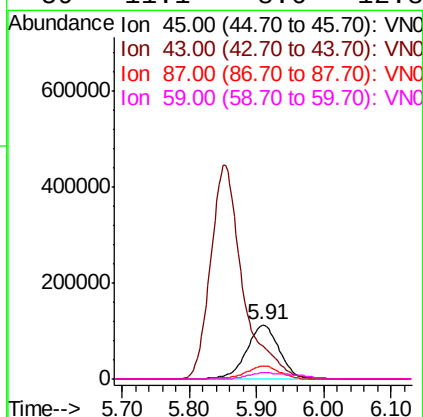
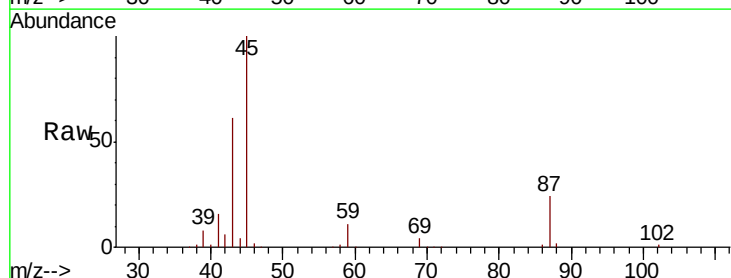
Instrument :
MSVOA_N
ClientSampled :
BFB

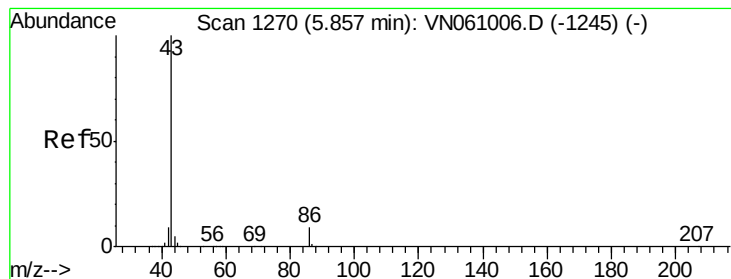
Tot Ion: 96 Resp: 98838
Ion Ratio Lower Upper
96 100
61 151.9 124.8 187.2
98 63.7 51.3 76.9



#22
Diisopropyl ether
Concen: 50.906 ug/l
RT: 5.91 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 45 Resp: 376431
Ion Ratio Lower Upper
45 100
43 60.7 48.6 72.8
87 24.1 19.4 29.2
59 11.1 8.6 12.8





#23

Vinyl Acetate

Concen: 256.377 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

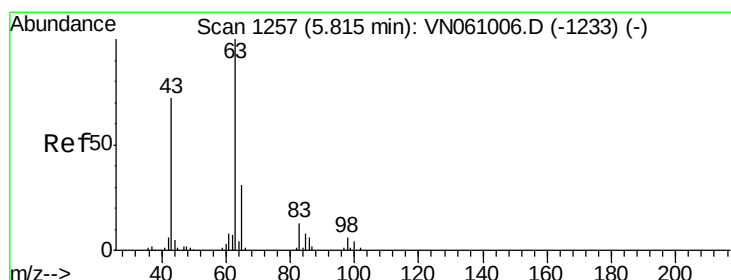
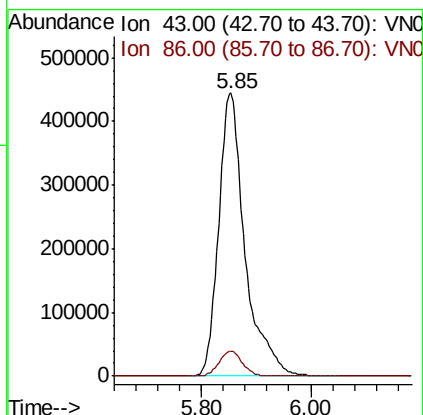
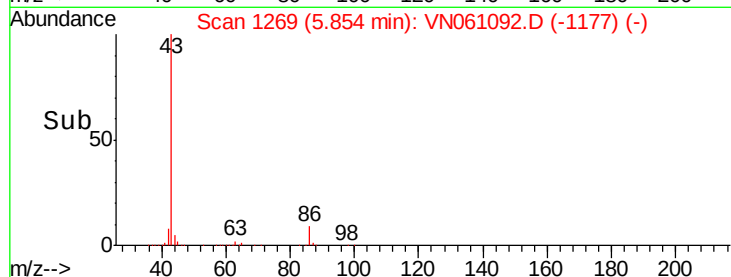
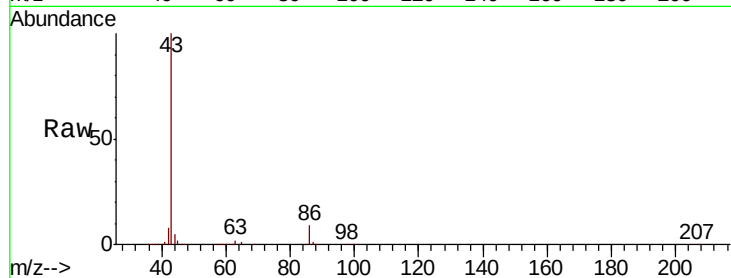
BFB

Tot Ion: 43 Resp: 1486641

Ion Ratio Lower Upper

43 100

86 8.9 7.3 10.9



#24

1,1-Dichloroethane

Concen: 49.558 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

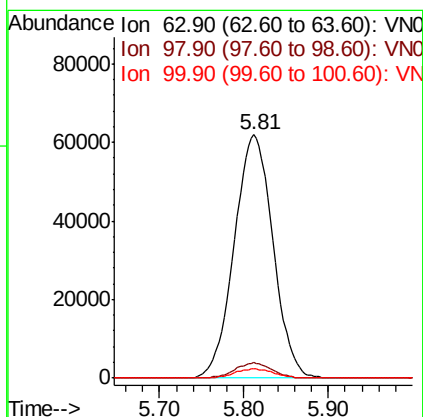
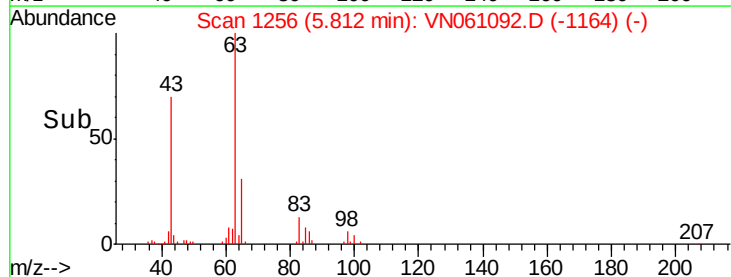
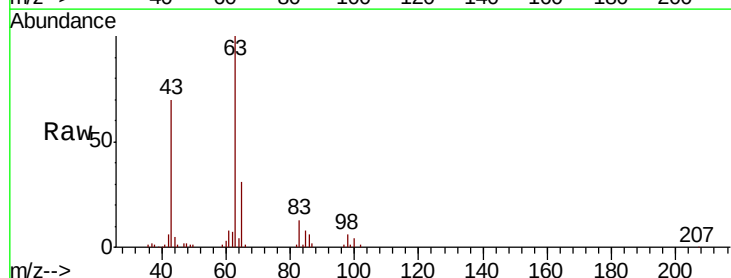
Tgt Ion: 63 Resp: 197926

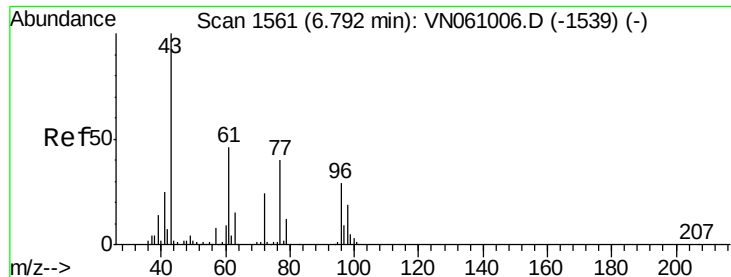
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 280.313 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

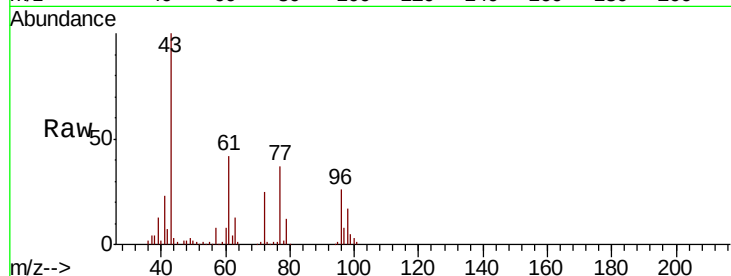
BFB

Tot Ion: 43 Resp: 415954

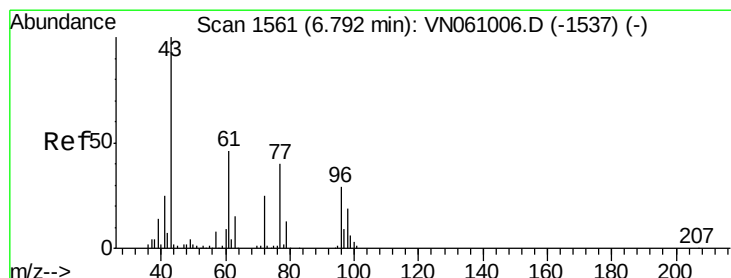
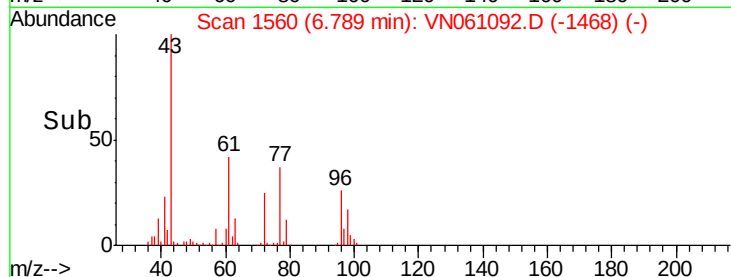
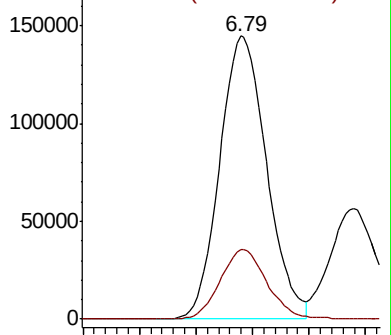
Ion Ratio Lower Upper

43 100

72 24.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1539) (-)



#26

2,2-Dichloropropane

Concen: 51.136 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN061092.D

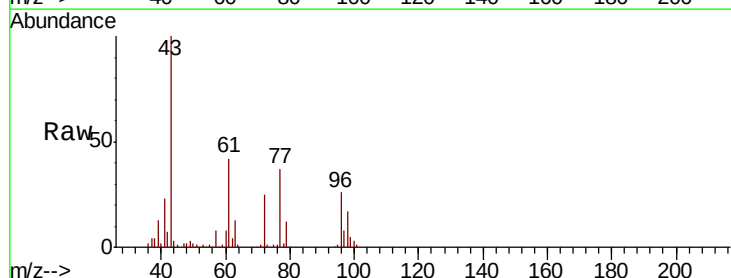
Acq: 20 Apr 2020 11:00

Tgt Ion: 77 Resp: 170044

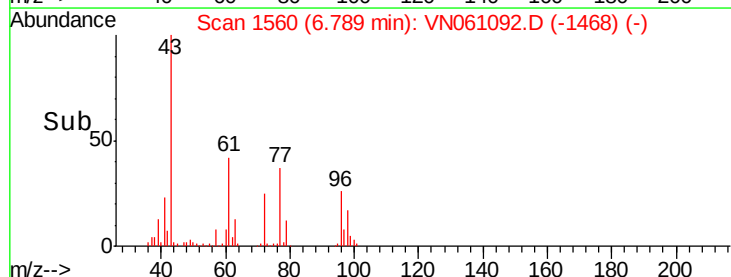
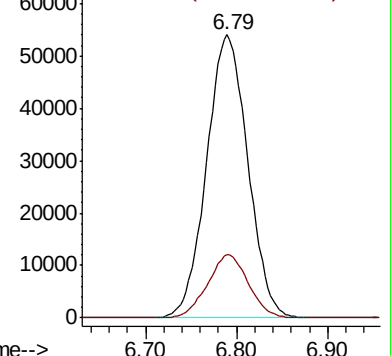
Ion Ratio Lower Upper

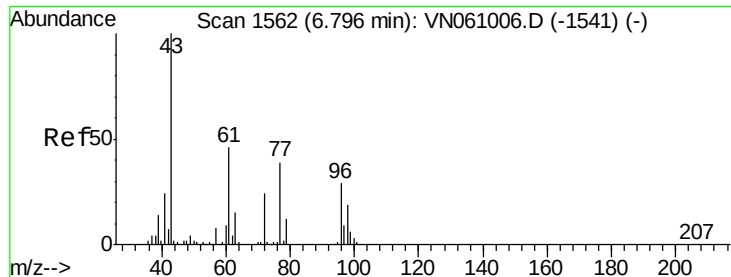
77 100

97 22.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN061006.D (-1537) (-)

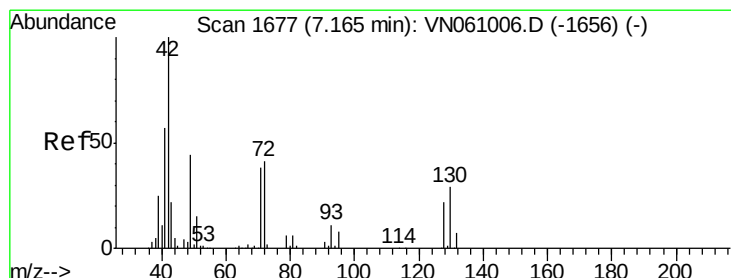
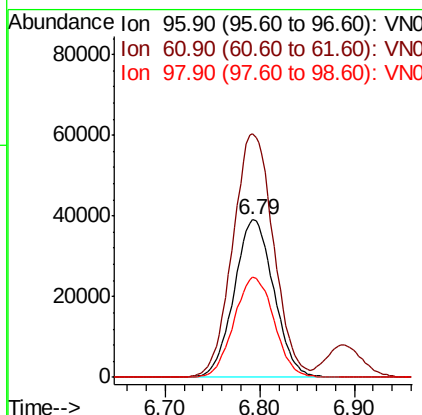
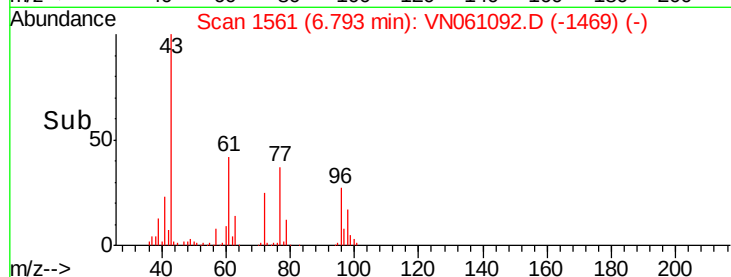
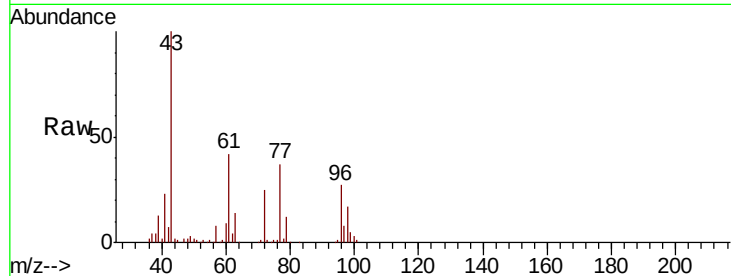




#27
 cis-1,2-Dichloroethene
 Concen: 49.401 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

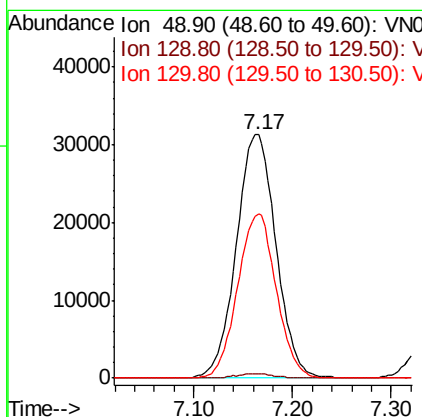
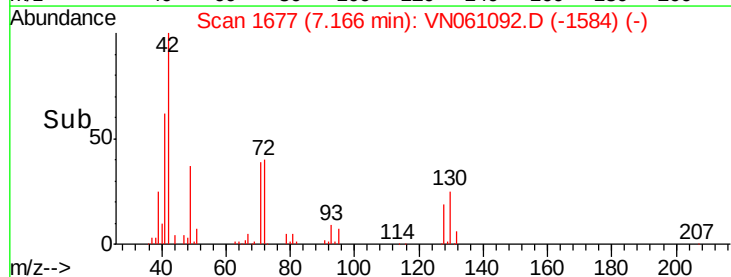
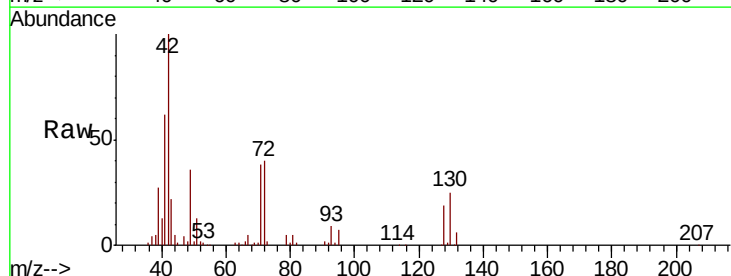
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

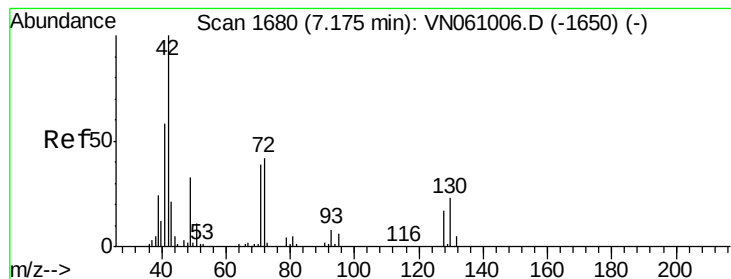
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	317.4
98	64.0	0.0	127.8



#28
 Bromochloromethane
 Concen: 47.506 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	65.5	52.9	79.3





#29

Tetrahydrofuran

Concen: 260.920 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

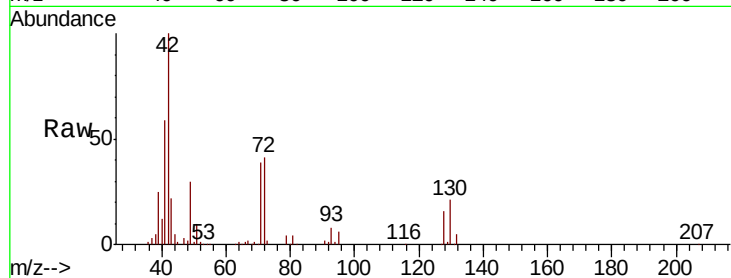
Tot Ion: 42 Resp: 262850

Ion Ratio Lower Upper

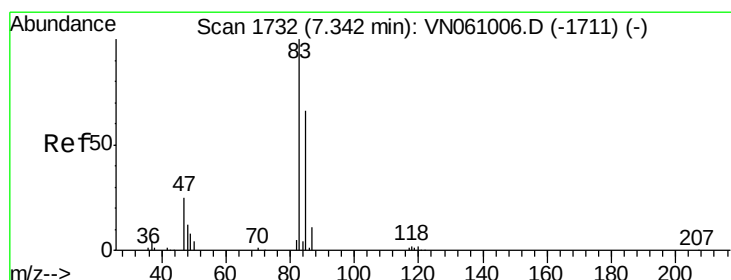
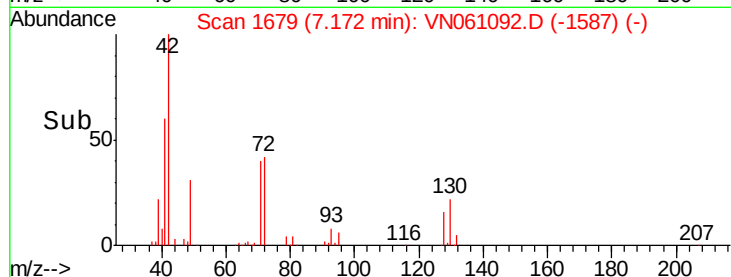
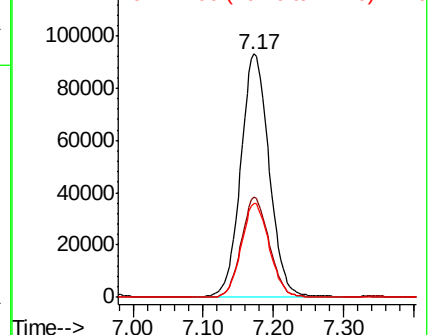
42 100

72 40.1 32.1 48.1

71 38.0 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN061006.D
Ion 72.00 (71.70 to 72.70): VN061006.D
Ion 71.00 (70.70 to 71.70): VN061006.D



#30

Chloroform

Concen: 50.166 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VN061092.D

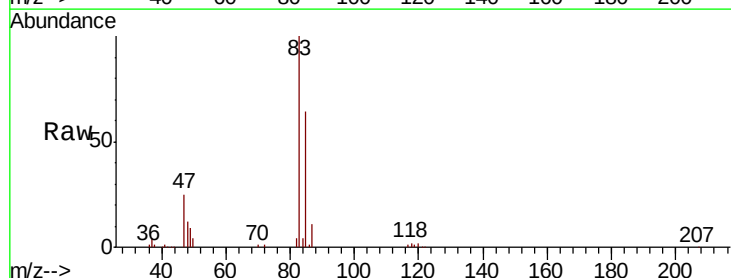
Acq: 20 Apr 2020 11:00

Tgt Ion: 83 Resp: 186875

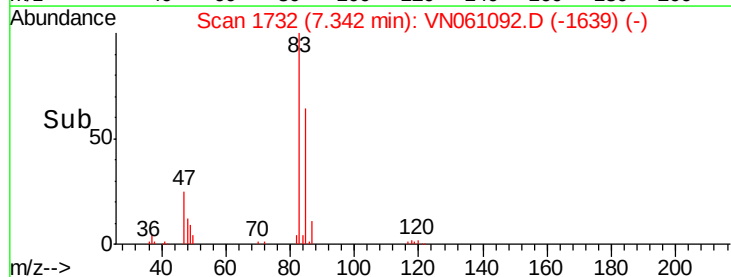
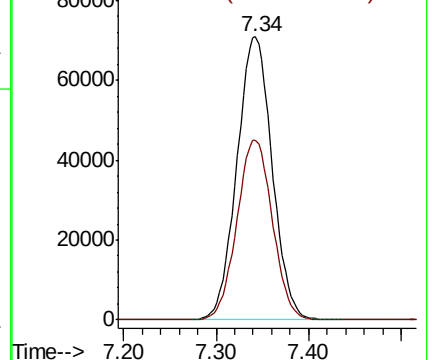
Ion Ratio Lower Upper

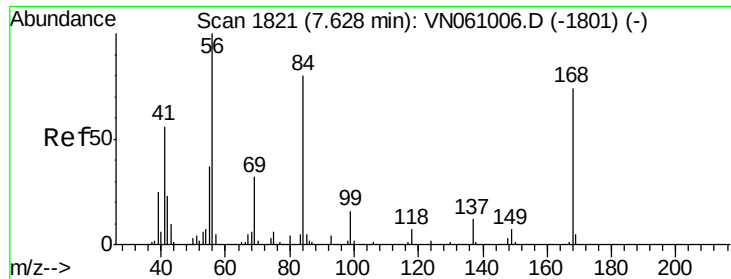
83 100

85 63.6 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D
Ion 84.90 (84.60 to 85.60): VN061006.D

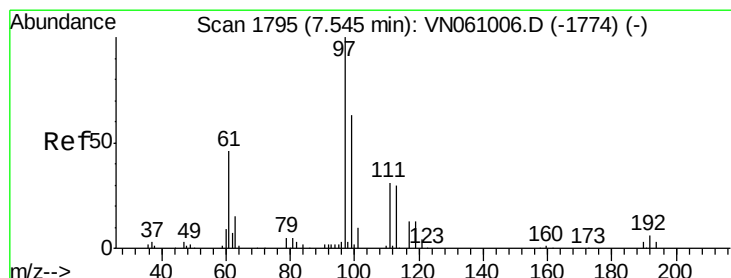
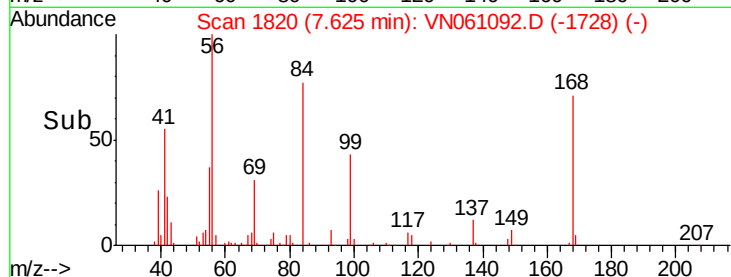
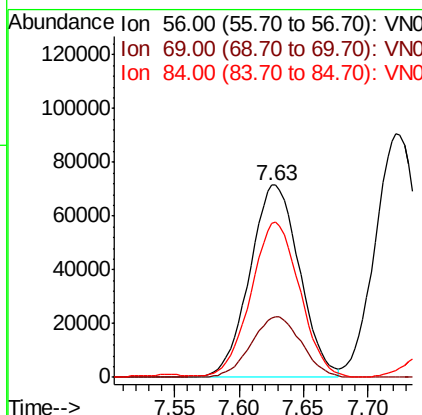
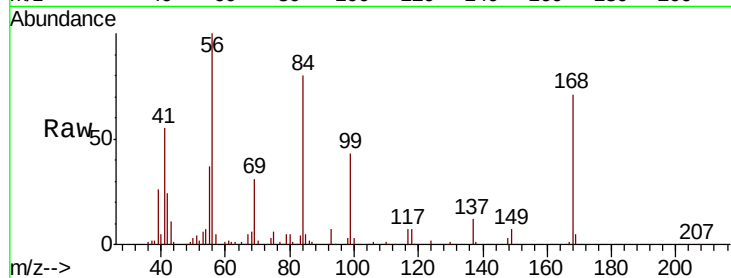




#31
Cyclohexane
Concen: 46.856 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

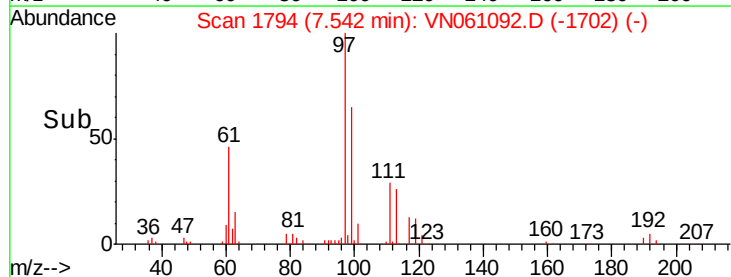
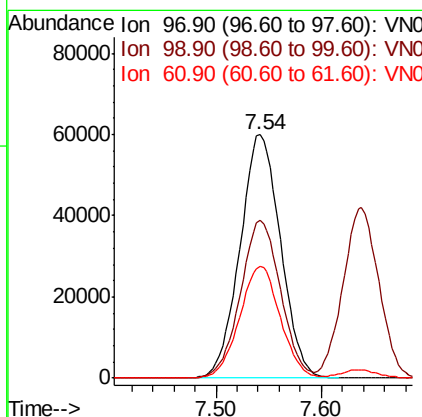
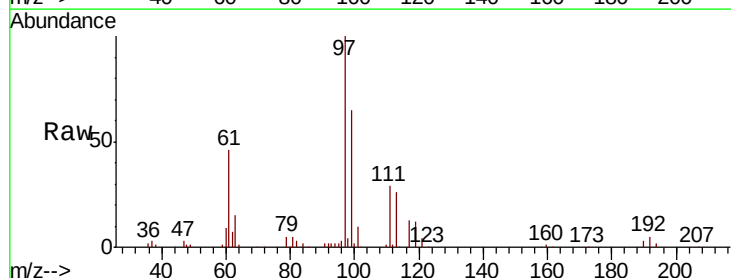
Instrument :
MSVOA_N
ClientSampled :
BFB

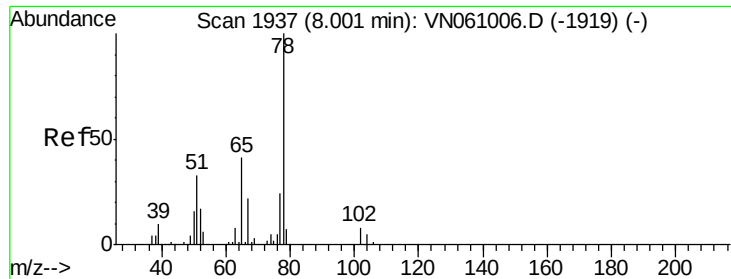
Tot Ion: 56 Resp: 192027
Ion Ratio Lower Upper
56 100
69 31.0 25.6 38.4
84 79.1 63.4 95.2



#32
1,1,1-Trichloroethane
Concen: 49.777 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 97 Resp: 160388
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 46.1 37.0 55.6

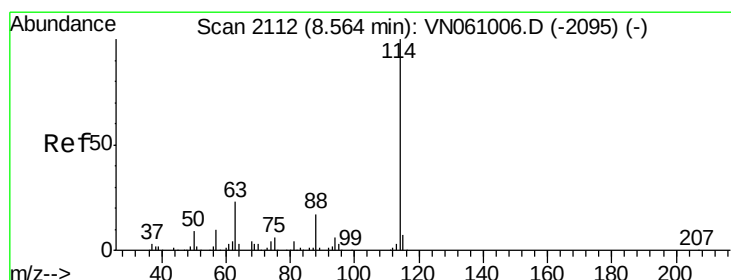
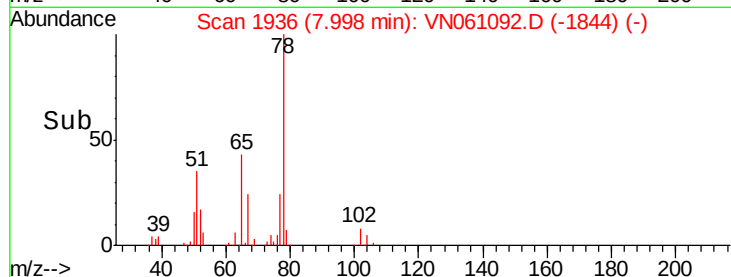
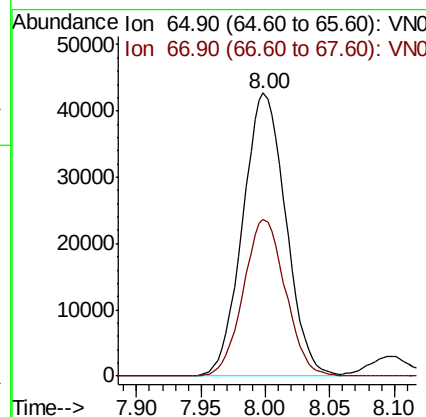
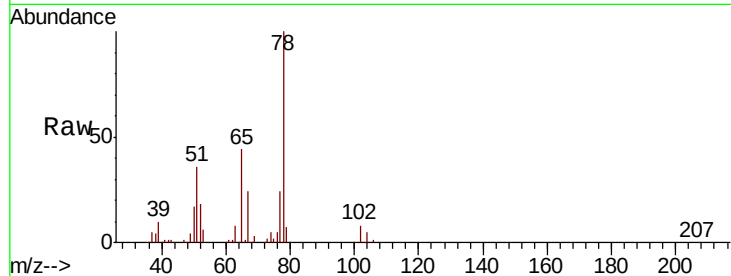




#33
 1,2-Dichloroethane-d4
 Concen: 45.215 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

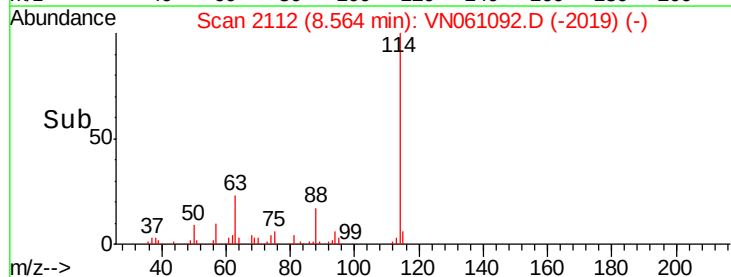
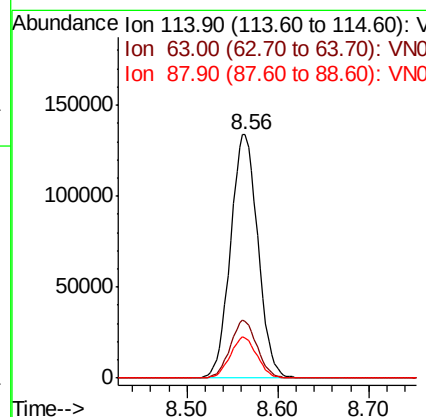
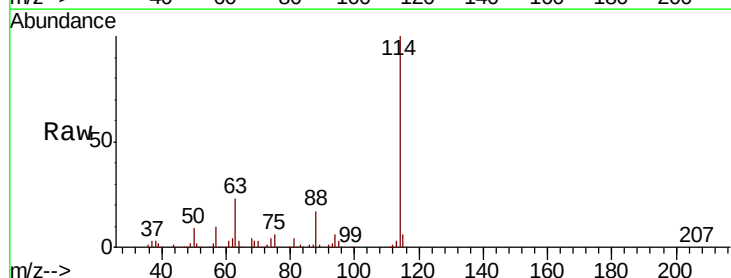
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

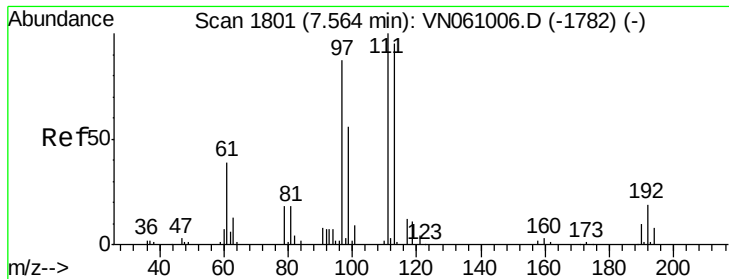
Tot Ion: 65 Resp: 99477
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion: 114 Resp: 279208
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.2
 88 16.5 0.0 33.4

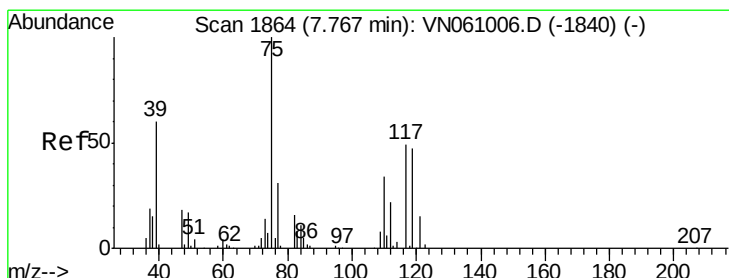
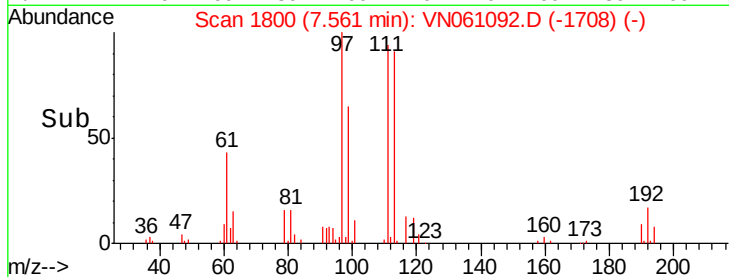
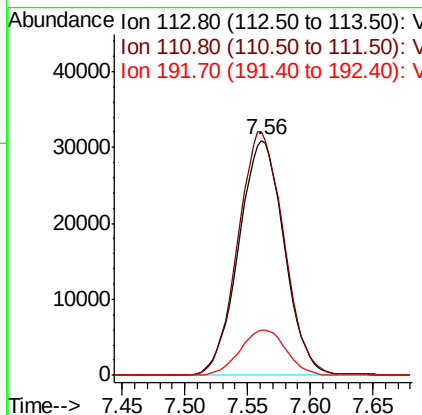
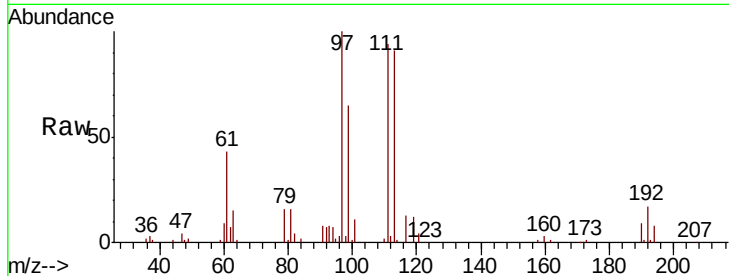




#35
 Dibromofluoromethane
 Concen: 47.898 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

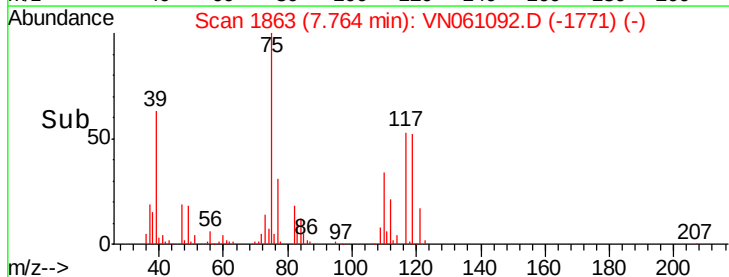
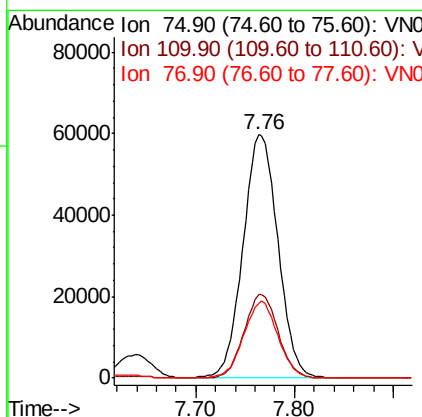
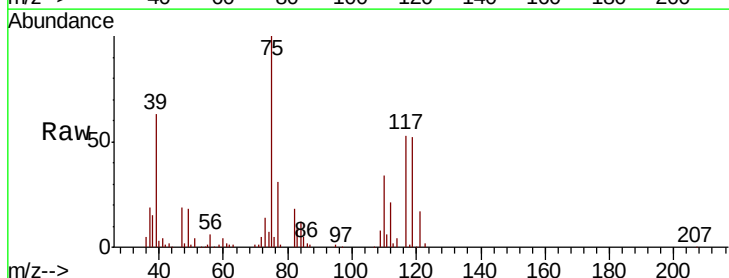
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

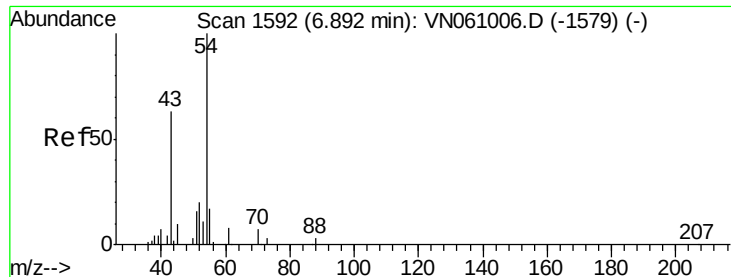
Tot Ion:113 Resp: 78099
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.2
 192 19.4 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 50.831 ug/l
 RT: 7.76 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion: 75 Resp: 146453
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.8 50.3
 77 30.9 24.7 37.1

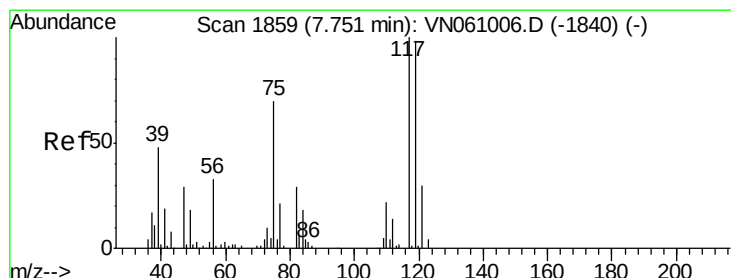
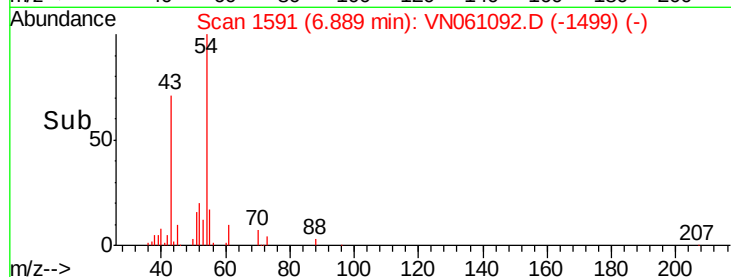
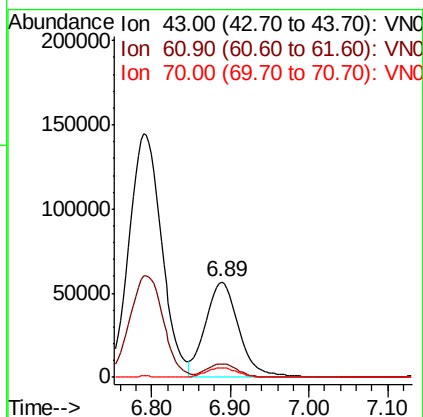
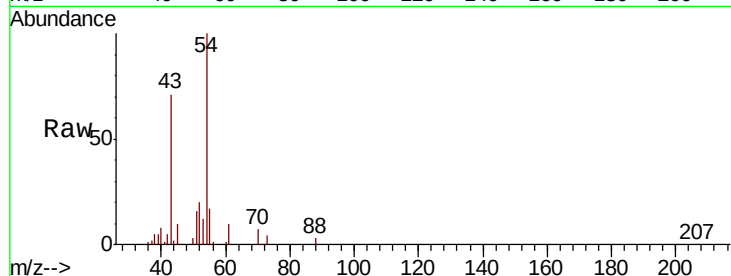




#37
Ethyl Acetate
Concen: 52.906 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

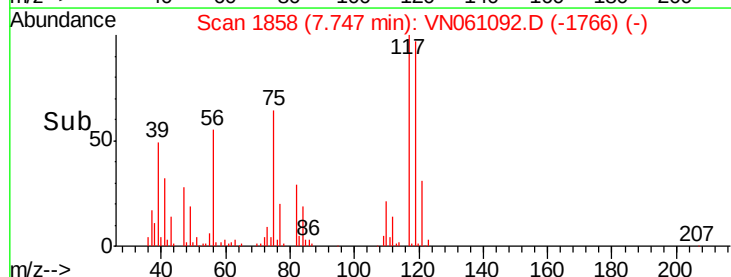
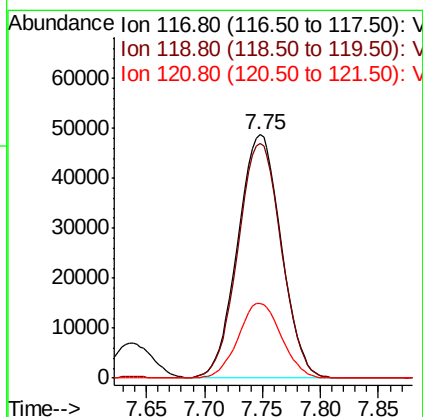
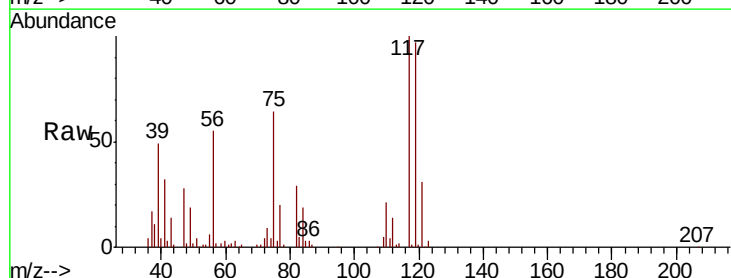
Instrument :
MSVOA_N
ClientSampled :
BFB

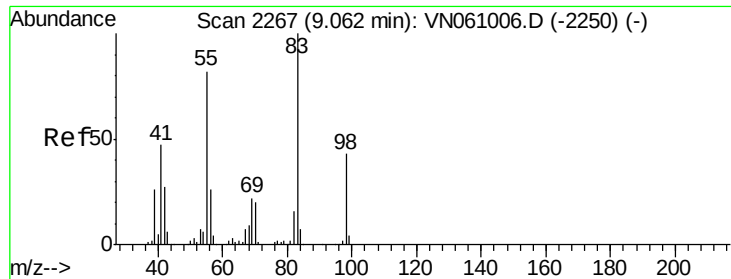
Tot Ion: 43 Resp: 165514
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 52.962 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 117 Resp: 127015
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1
121 30.7 24.0 36.0

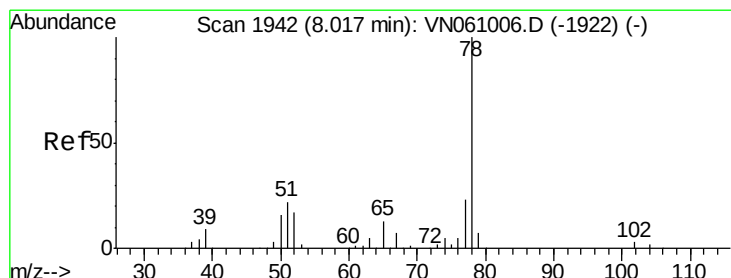
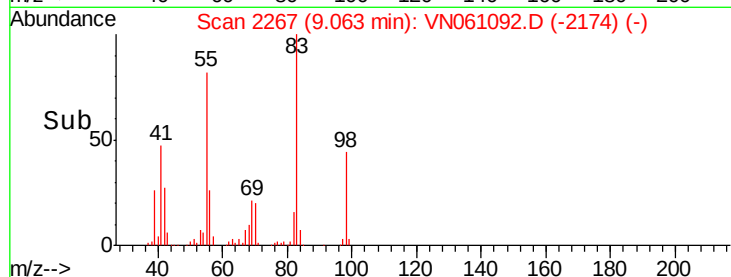
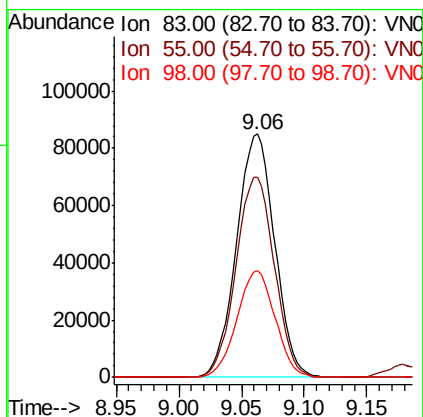
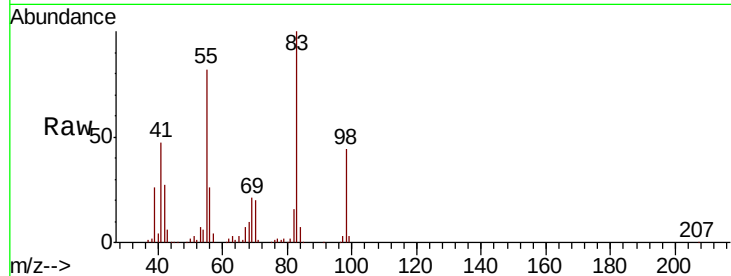




#39
Methylvlcyclohexane
Concen: 52.323 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

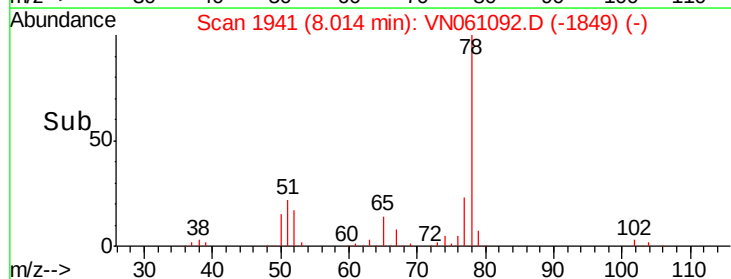
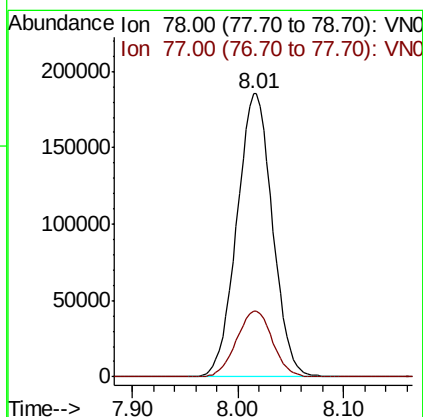
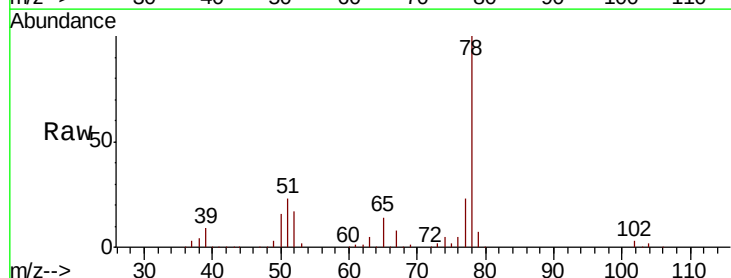
Instrument :
MSVOA_N
ClientSampled :
BFB

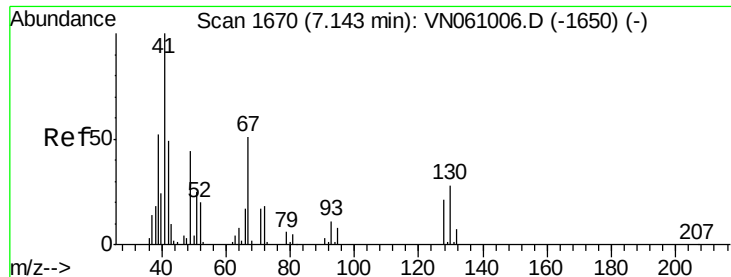
Tot Ion: 83 Resp: 180230
Ion Ratio Lower Upper
83 100
55 82.1 65.4 98.0
98 43.8 34.6 51.8



#40
Benzene
Concen: 50.829 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 78 Resp: 434460
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

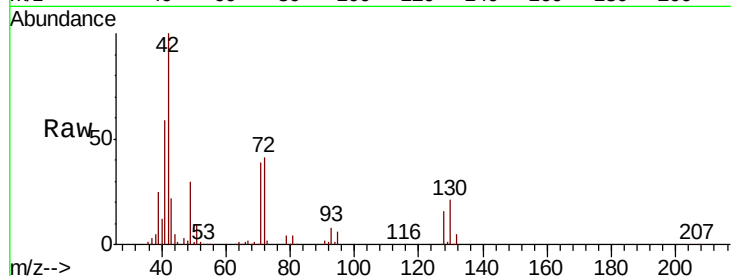




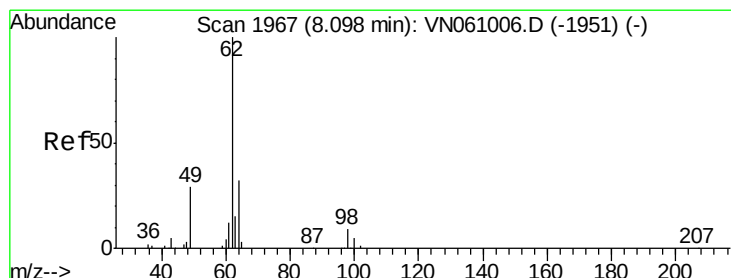
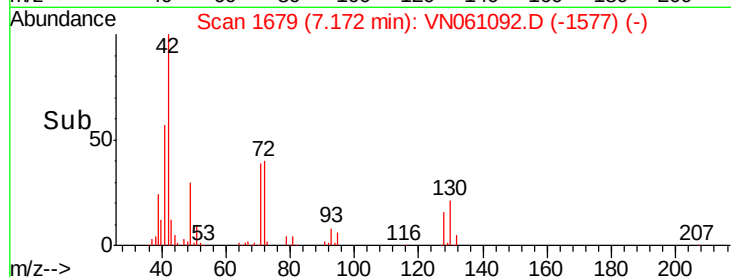
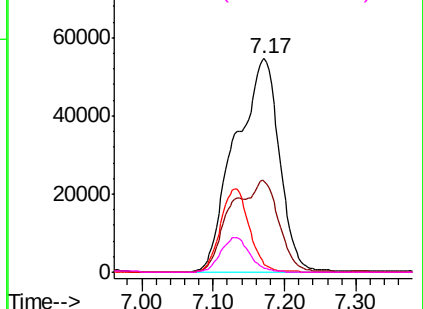
#41
Methacrylonitrile
Concen: 180.172 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:	41	Resp:	235106
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

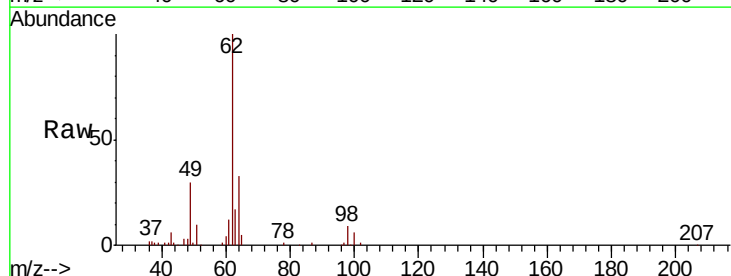


Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-1650) (-)

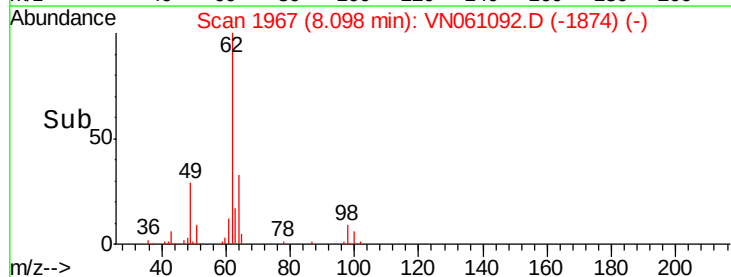
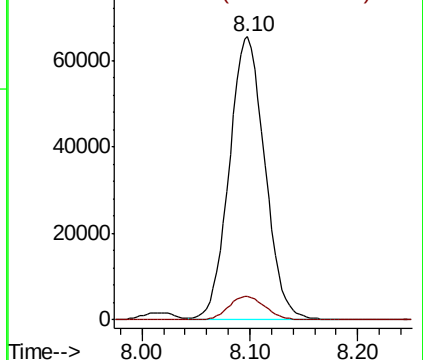


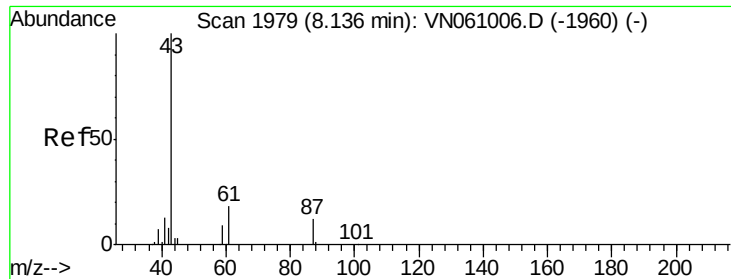
#42
1,2-Dichloroethane
Concen: 51.689 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion:	62	Resp:	150505
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VN061006.D (-1951) (-)





#43

Isopropyl Acetate

Concen: 52.929 ug/l

RT: 8.13 min Scan# 1978

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

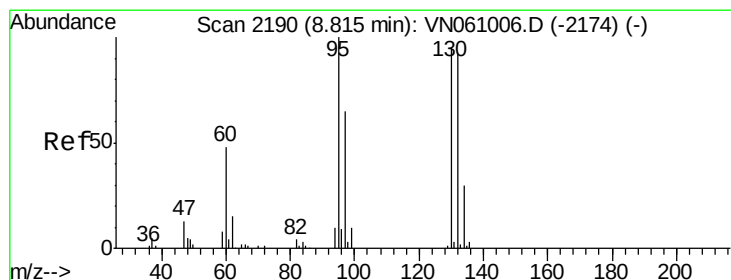
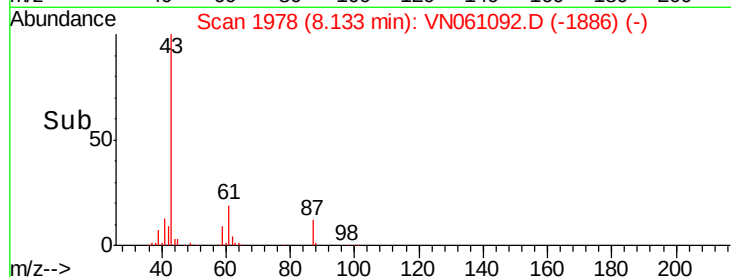
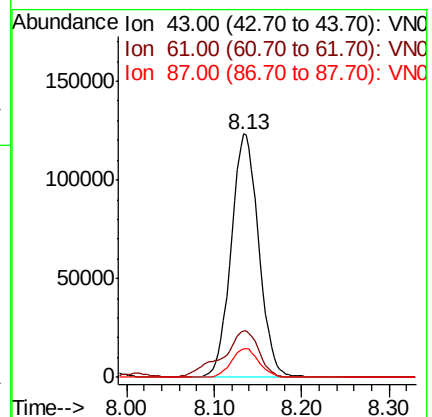
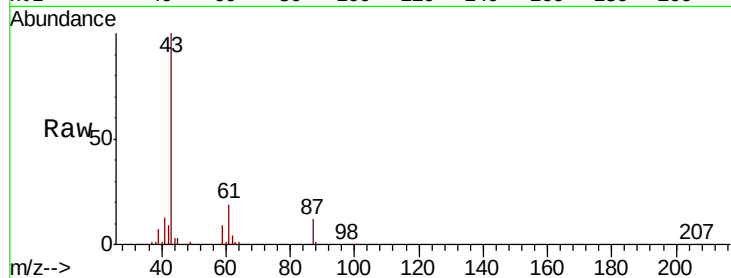
Tot Ion: 43 Resp: 269307

Ion Ratio Lower Upper

43 100

61 25.3 20.3 30.5

87 11.8 9.4 14.2



#44

Trichloroethene

Concen: 50.903 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061092.D

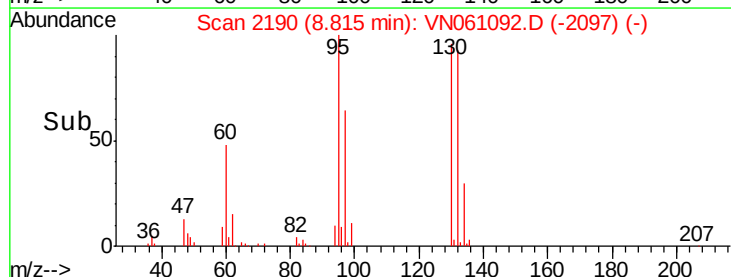
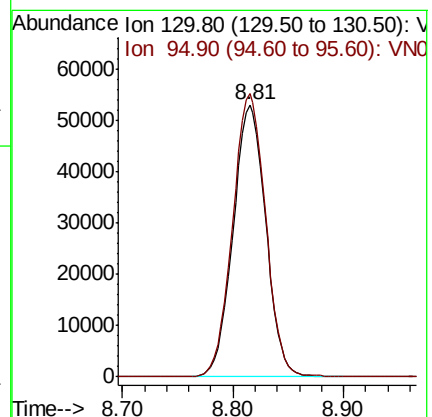
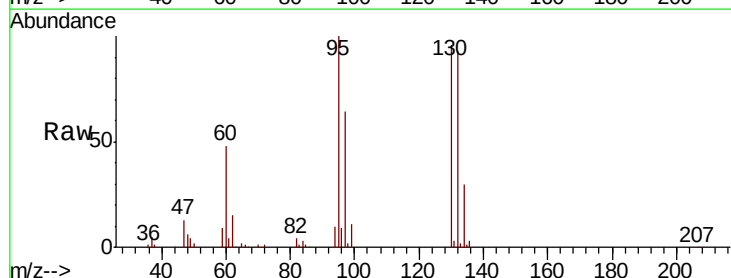
Acq: 20 Apr 2020 11:00

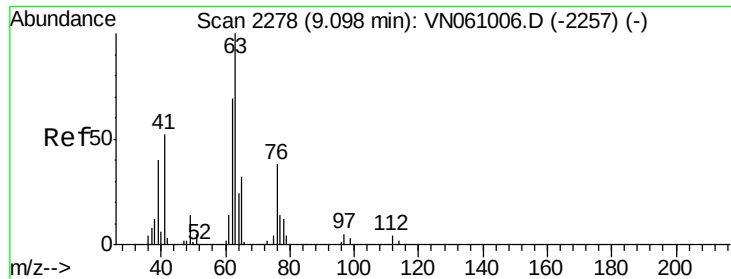
Tgt Ion:130 Resp: 109327

Ion Ratio Lower Upper

130 100

95 104.0 0.0 210.0

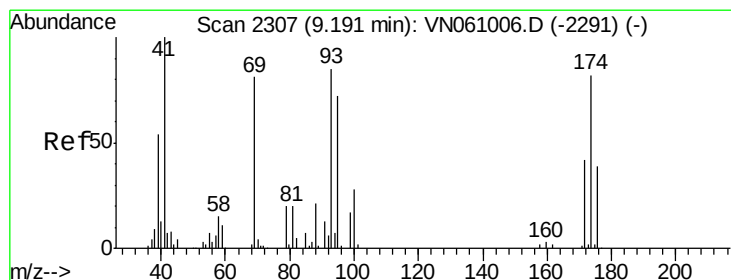
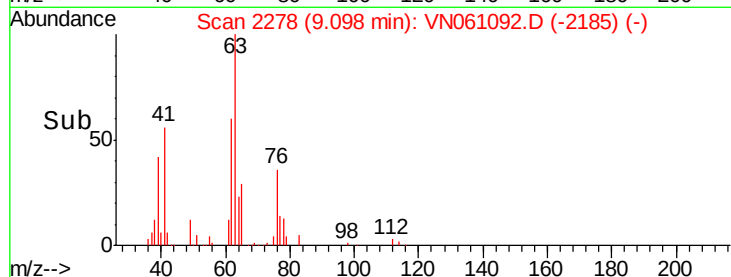
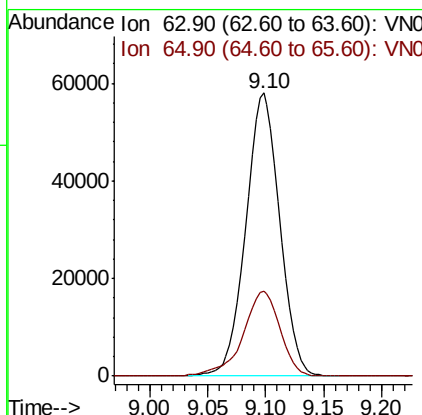
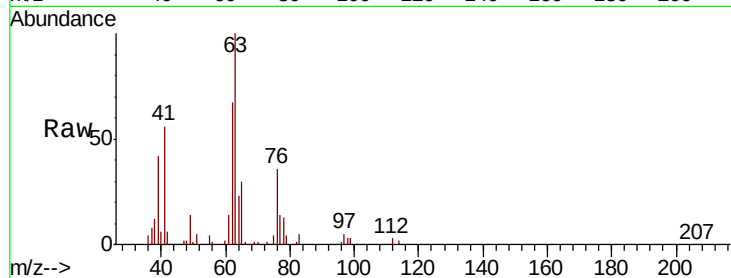




#45
 1,2-Dichloropropane
 Concen: 51.387 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

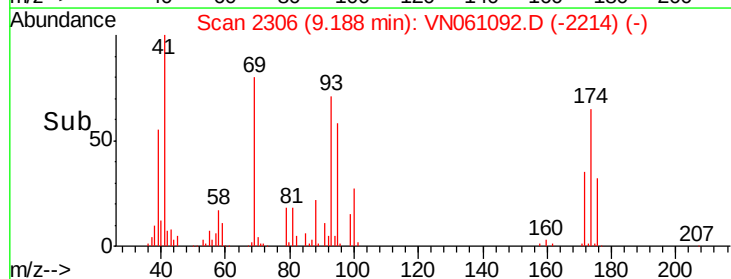
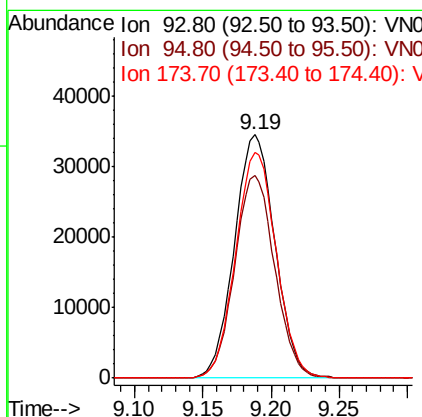
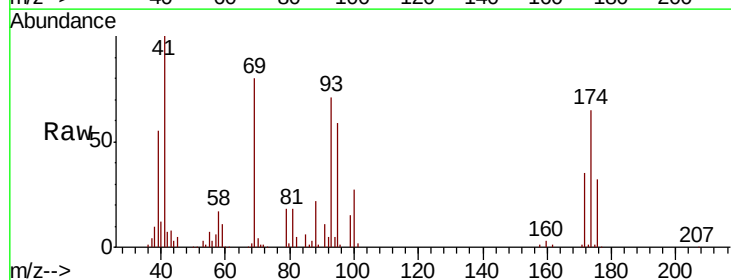
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

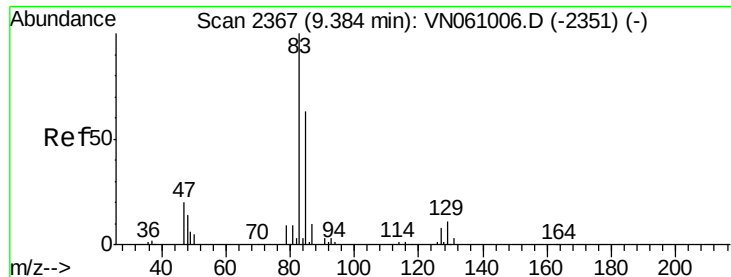
Tot Ion: 63 Resp: 118637
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.2 37.8



#46
 Dibromomethane
 Concen: 53.553 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion: 93 Resp: 71284
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.8 100.2
 174 92.6 76.2 114.4





#47

Bromodichloromethane

Concen: 52.138 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

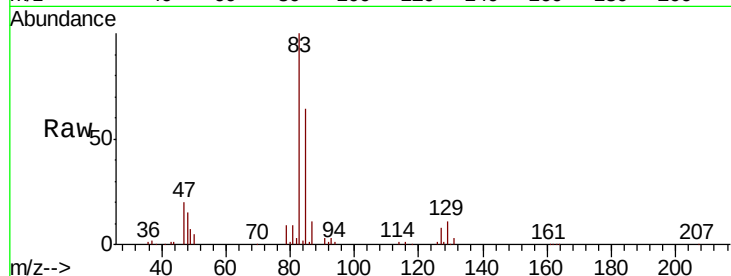
Tot Ion: 83 Resp: 146613

Ion Ratio Lower Upper

83 100

85 64.3 50.6 76.0

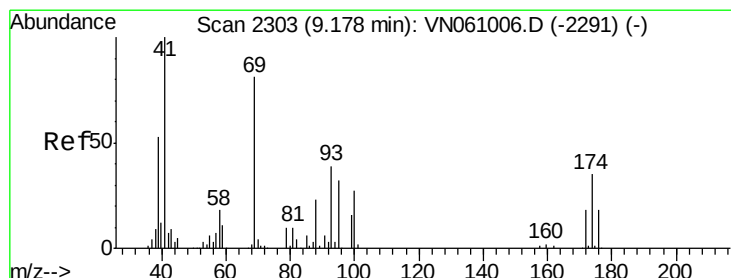
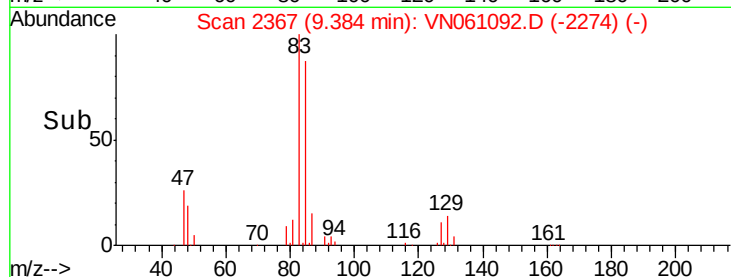
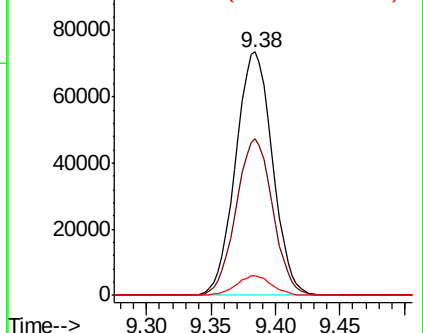
127 8.0 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN061092.D (-2274) (-)

Ion 84.90 (84.60 to 85.60): VN061092.D (-2274) (-)

Ion 126.80 (126.50 to 127.50): VN061092.D (-2274) (-)



#48

Methyl methacrylate

Concen: 53.639 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

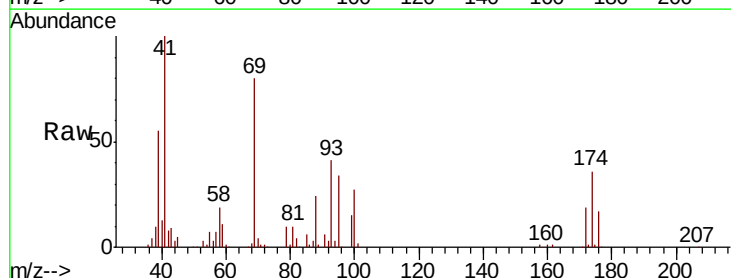
Tgt Ion: 41 Resp: 120610

Ion Ratio Lower Upper

41 100

69 82.4 65.3 97.9

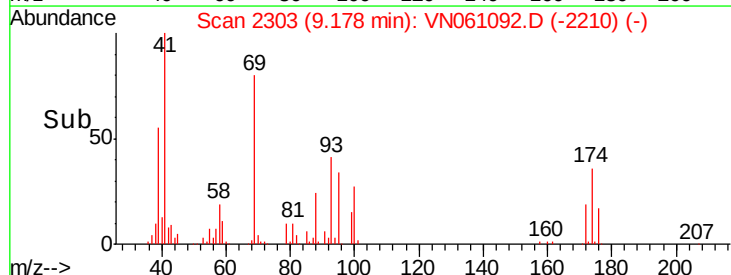
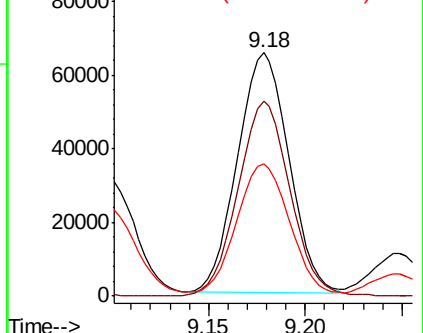
39 54.6 45.2 67.8

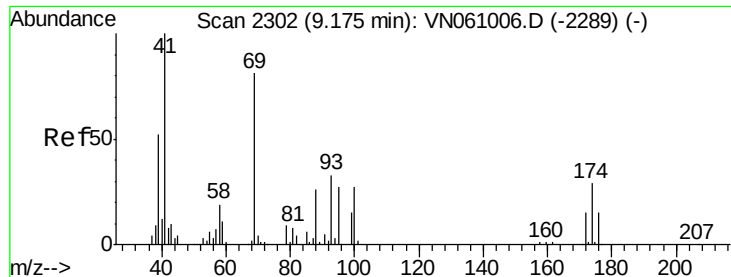


Abundance Ion 41.00 (40.70 to 41.70): VN061092.D (-2210) (-)

Ion 69.00 (68.70 to 69.70): VN061092.D (-2210) (-)

Ion 39.00 (38.70 to 39.70): VN061092.D (-2210) (-)

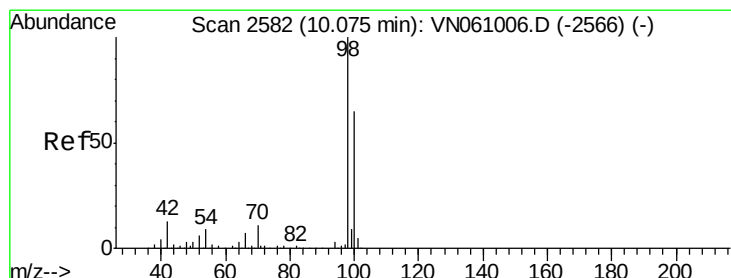
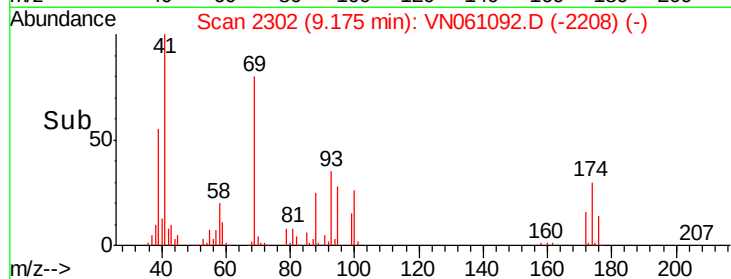
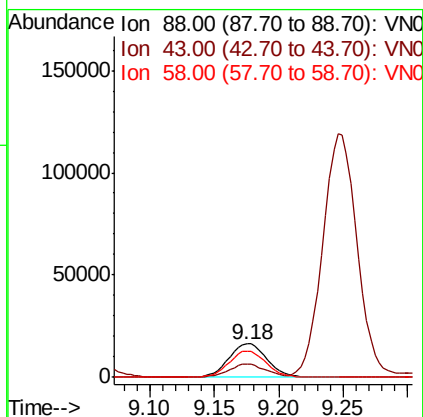
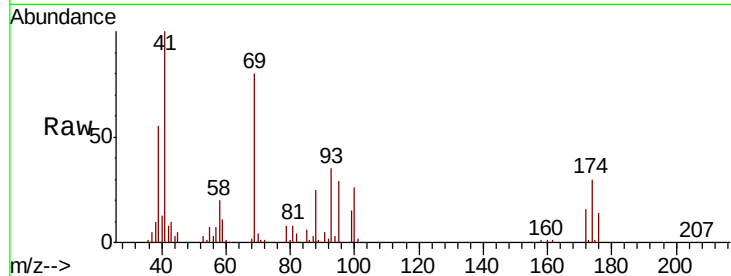




#49
1,4-Dioxane
Concen: 1087.743 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

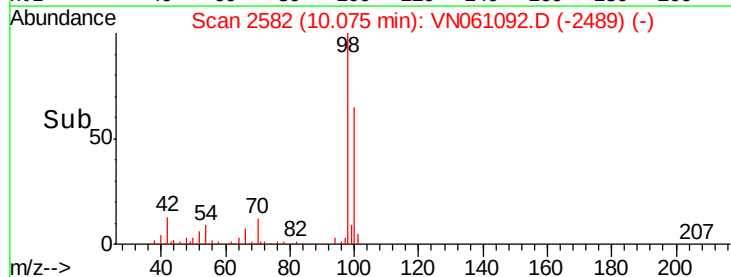
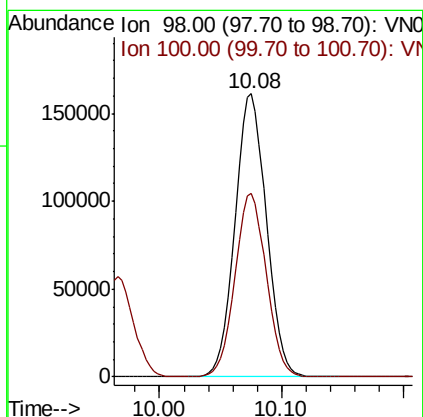
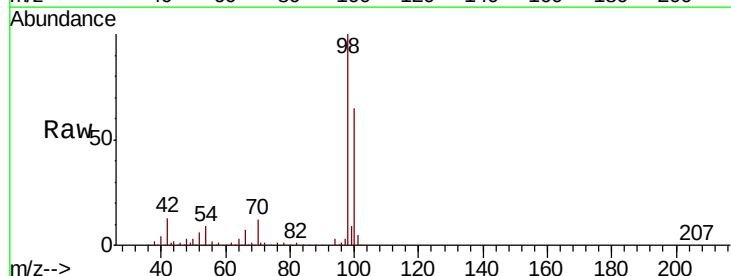
Instrument :
MSVOA_N
ClientSampled :
BFB

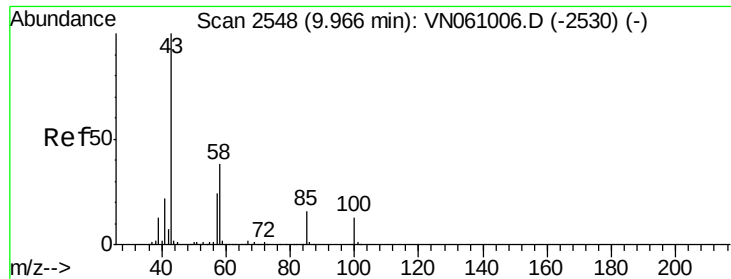
Tot Ion: 88 Resp: 33999
Ion Ratio Lower Upper
88 100
43 37.7 30.9 46.3
58 76.6 59.8 89.8



#50
Toluene-d8
Concen: 46.532 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 98 Resp: 286705
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

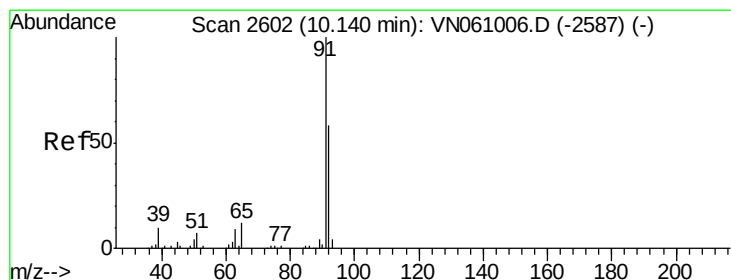
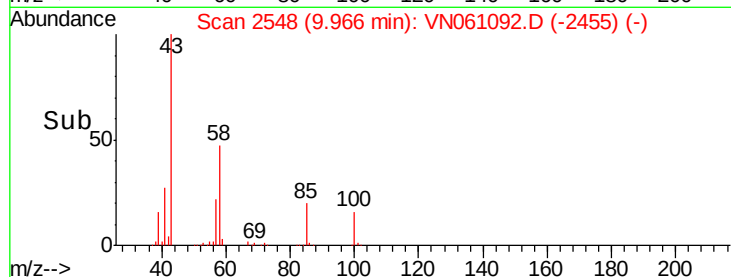
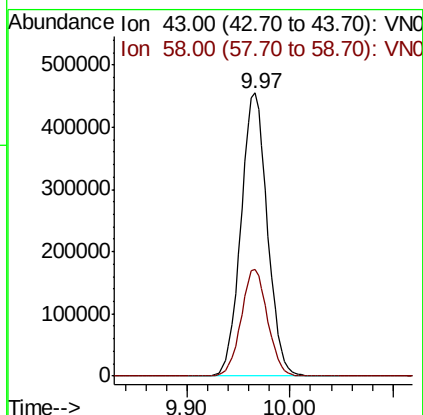
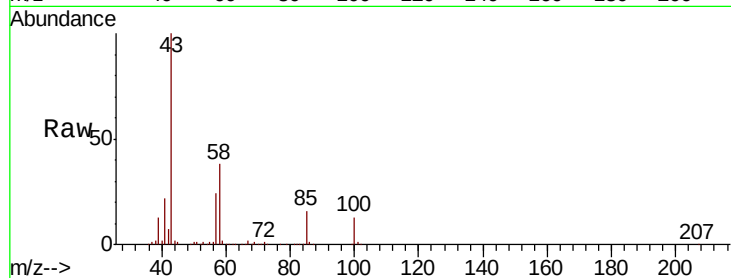




#51
 4-Methyl-2-Pentanone
 Concen: 275.770 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

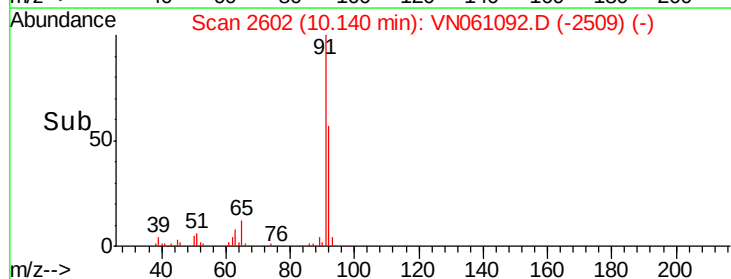
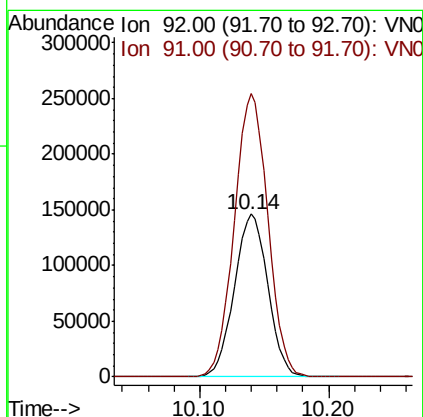
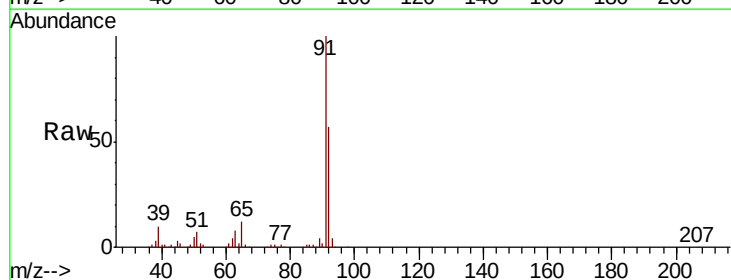
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

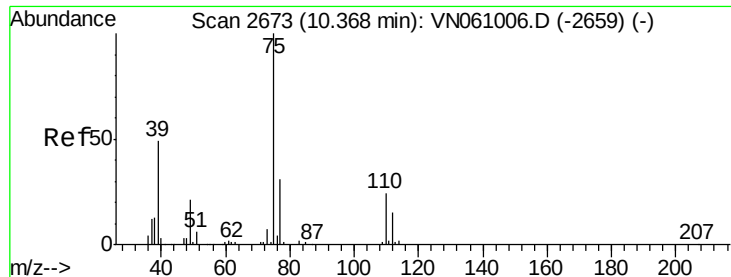
Tot Ion: 43 Resp: 808868
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.3 45.5



#52
 Toluene
 Concen: 51.400 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion: 92 Resp: 263566
 Ion Ratio Lower Upper
 92 100
 91 174.5 137.7 206.5

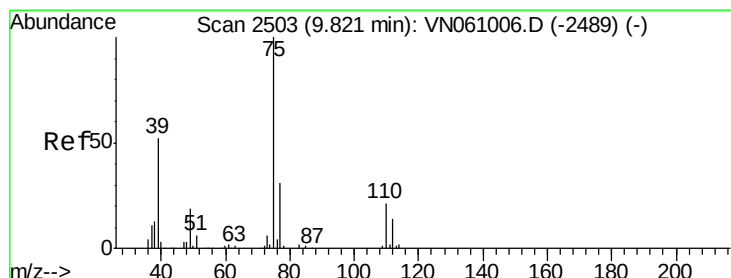
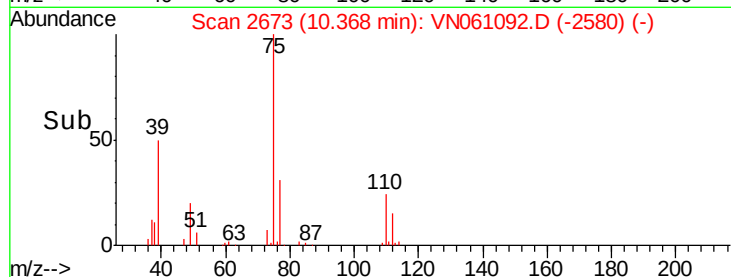
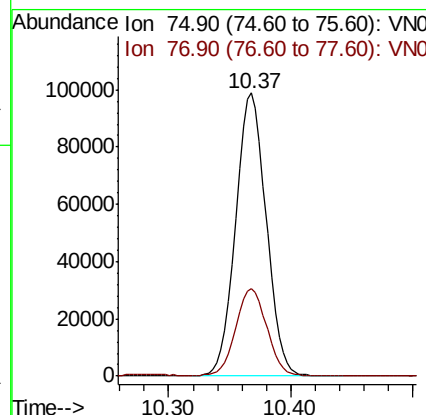
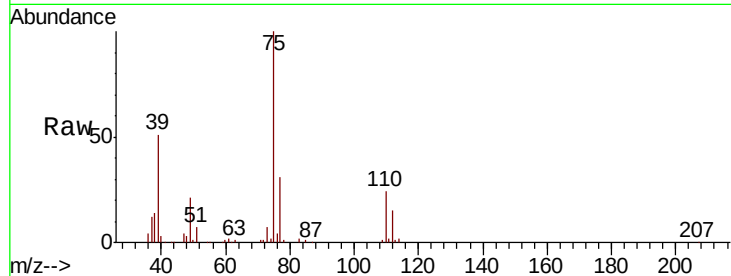




#53
t-1,3-Dichloropropene
Concen: 52.670 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

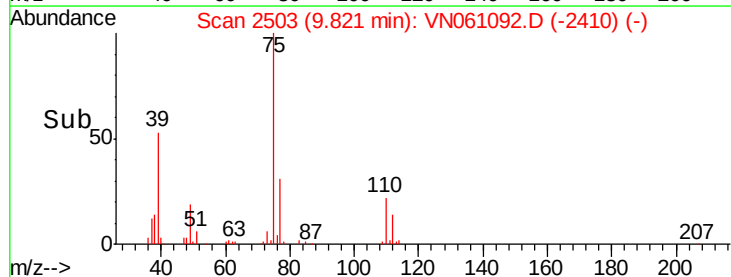
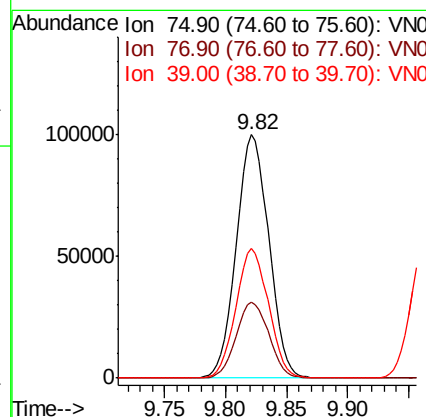
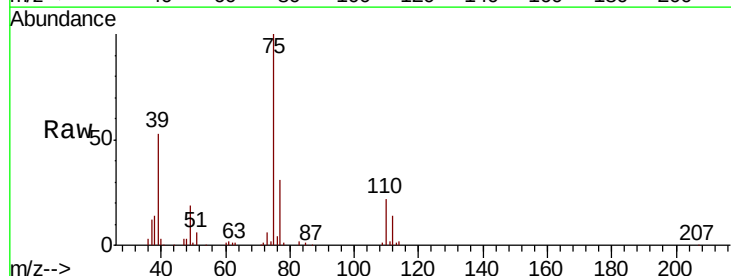
Instrument :
MSVOA_N
ClientSampled :
BFB

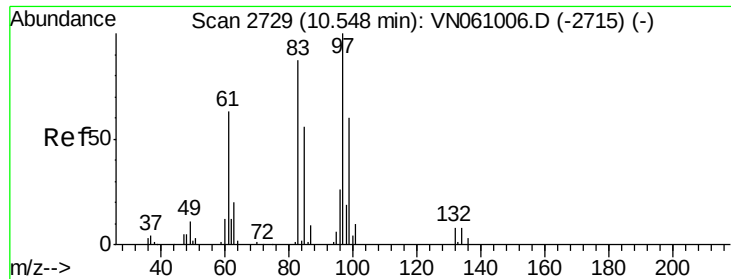
Tot Ion: 75 Resp: 172038
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 52.054 ug/l
RT: 9.82 min Scan# 2503
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 75 Resp: 185514
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 53.0 41.4 62.2

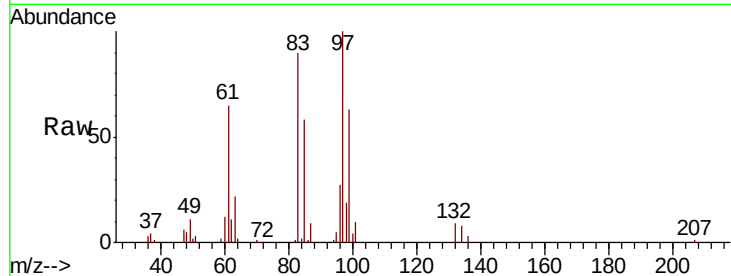




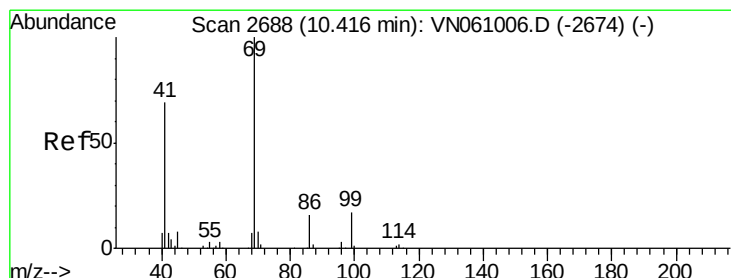
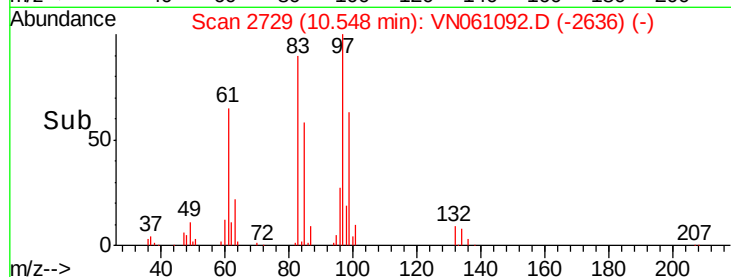
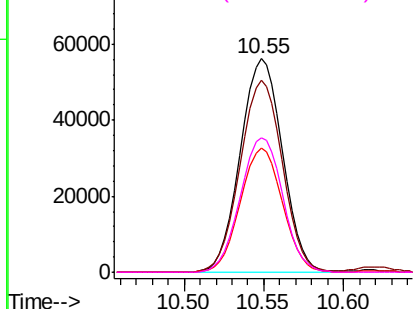
#55
 1,1,2-Trichloroethane
 Concen: 52.166 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion: 97 Resp: 101229
 Ion Ratio Lower Upper
 97 100
 83 89.8 69.5 104.3
 85 58.1 45.0 67.4
 99 63.2 47.9 71.9

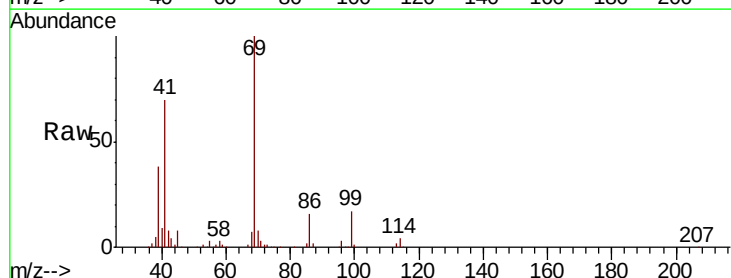


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

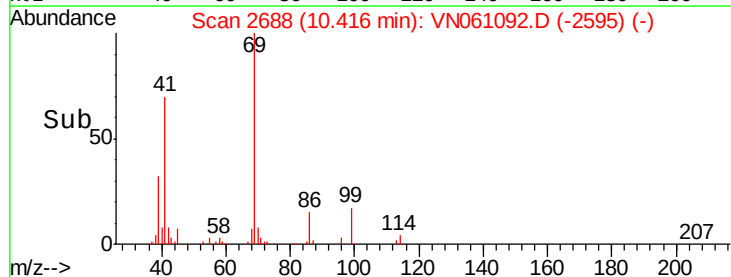
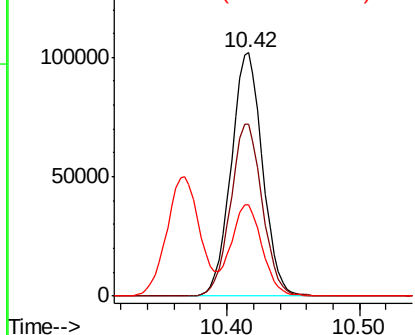


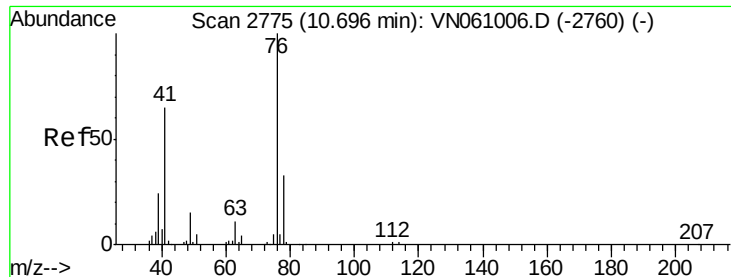
#56
 Ethyl methacrylate
 Concen: 54.929 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion: 69 Resp: 167611
 Ion Ratio Lower Upper
 69 100
 41 70.8 56.7 85.1
 39 36.6 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 52.060 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

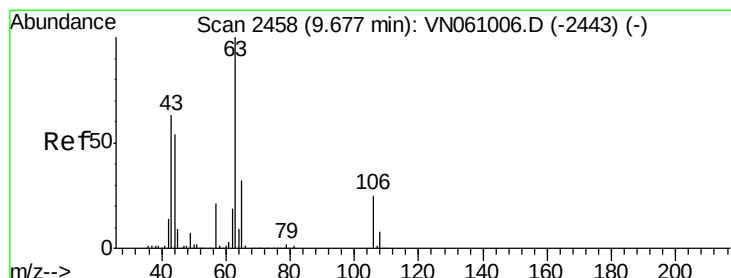
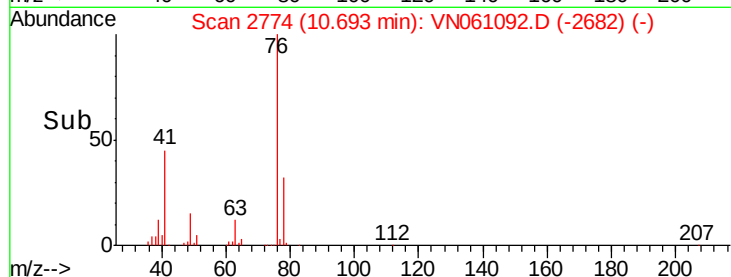
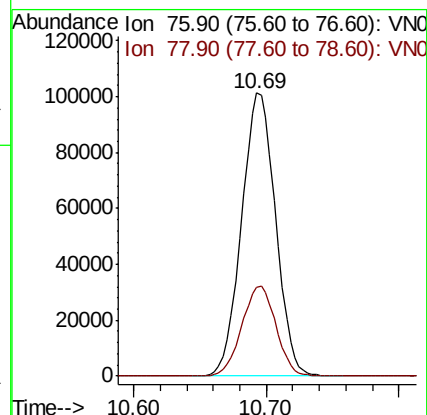
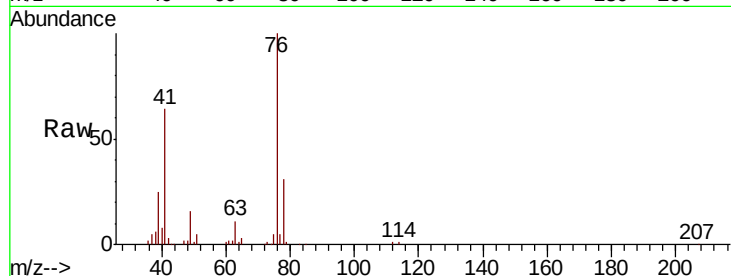
BFB

Tot Ion: 76 Resp: 180196

Ion Ratio Lower Upper

76 100

78 31.9 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 245.624 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061092.D

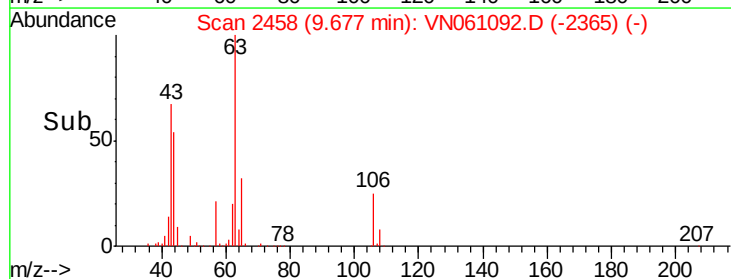
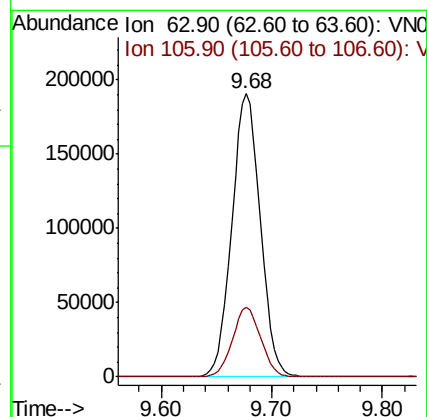
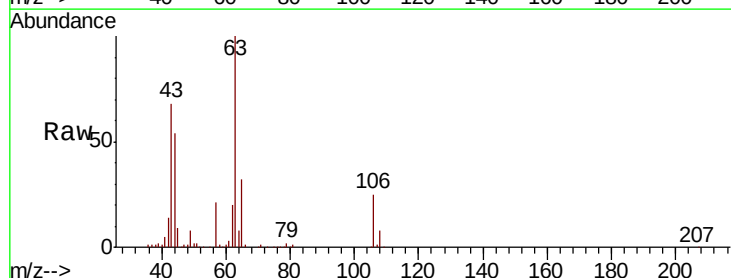
Acq: 20 Apr 2020 11:00

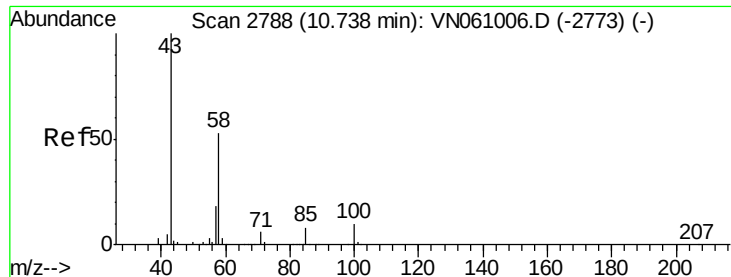
Tgt Ion: 63 Resp: 340573

Ion Ratio Lower Upper

63 100

106 24.4 19.5 29.3

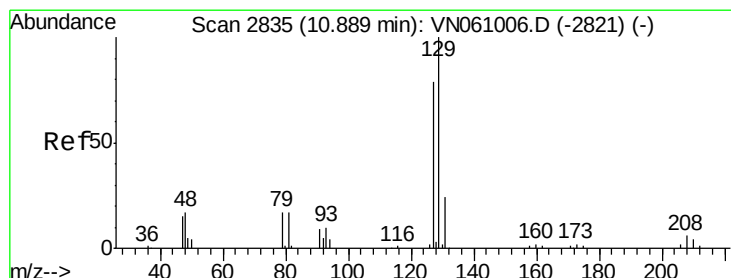
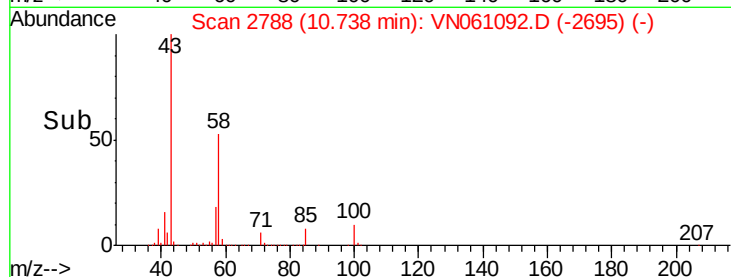
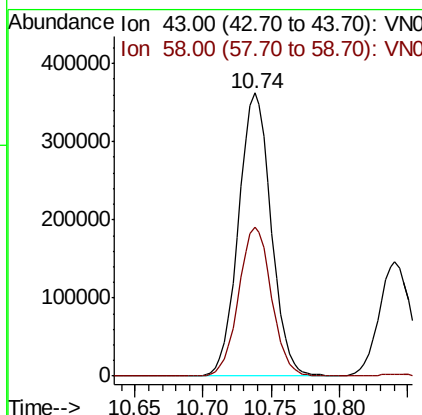
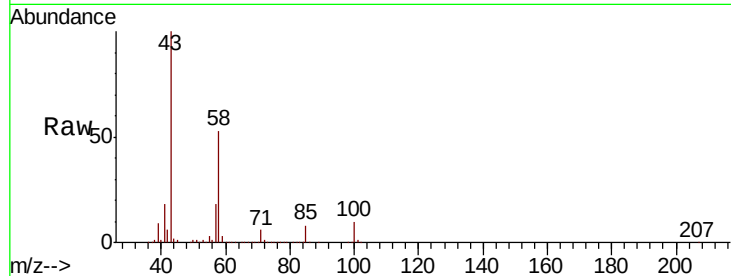




#59
2-Hexanone
Concen: 284.227 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

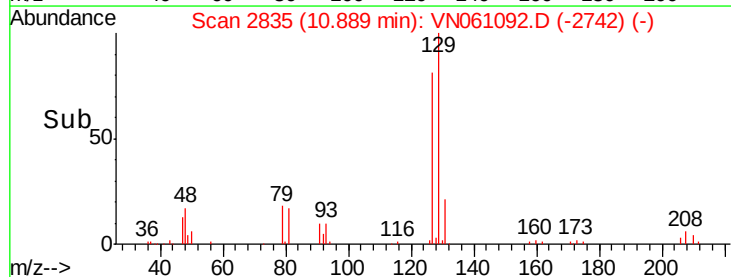
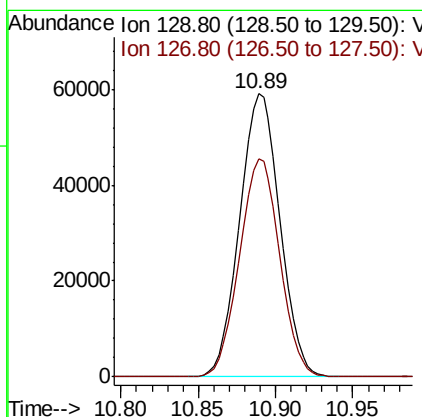
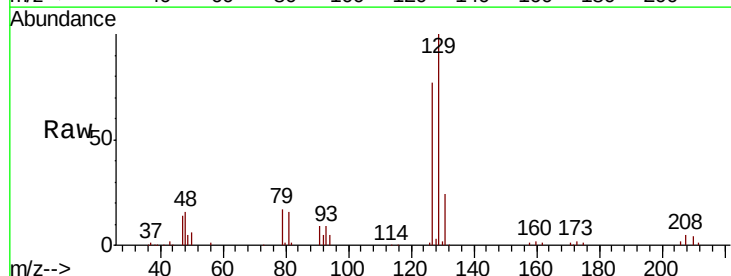
Instrument :
MSVOA_N
ClientSampled :
BFB

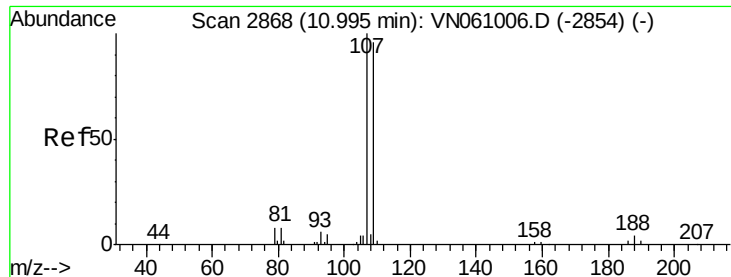
Tot Ion: 43 Resp: 601227
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0



#60
Dibromochloromethane
Concen: 53.721 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 129 Resp: 107086
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9

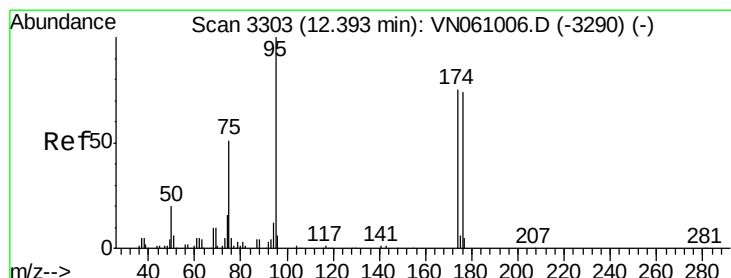
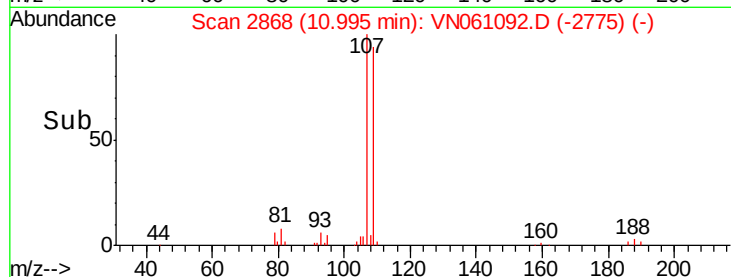
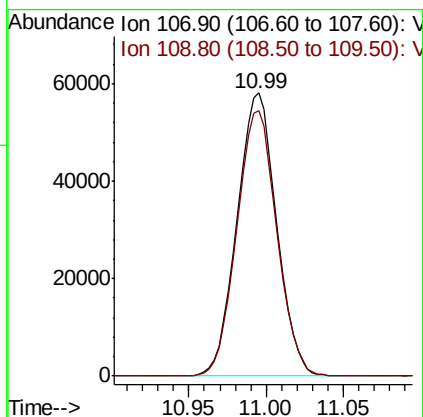
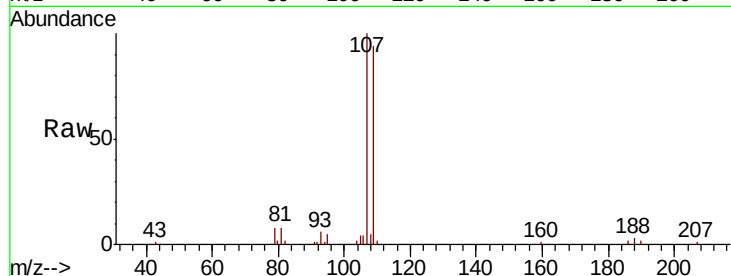




#61
 1,2-Dibromoethane
 Concen: 52.067 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

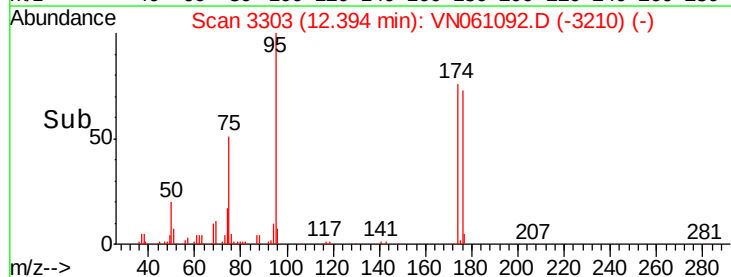
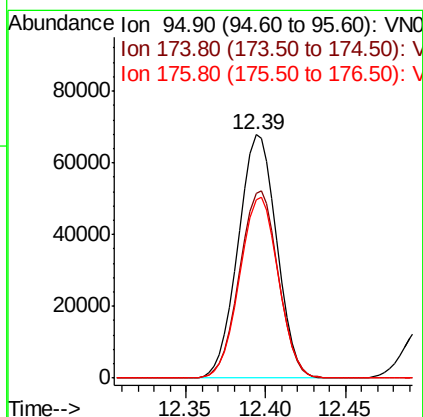
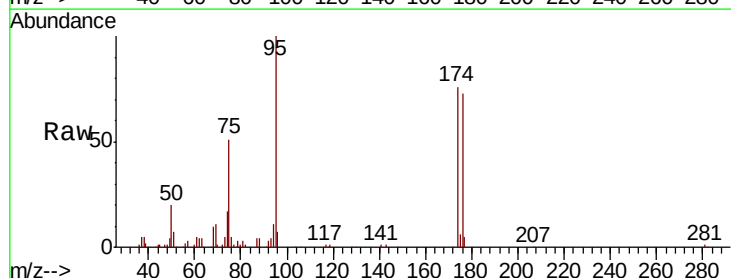
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

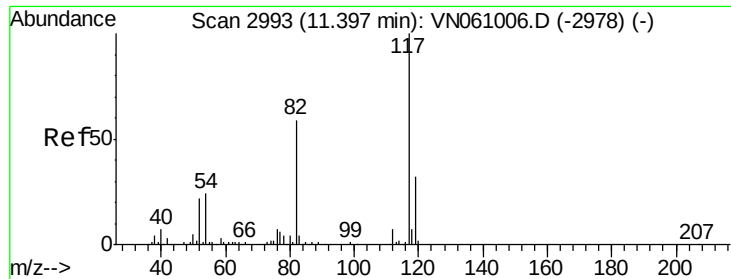
Tot Ion:107 Resp: 102954
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.176 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion: 95 Resp: 111508
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 151.2
 176 74.6 0.0 148.2

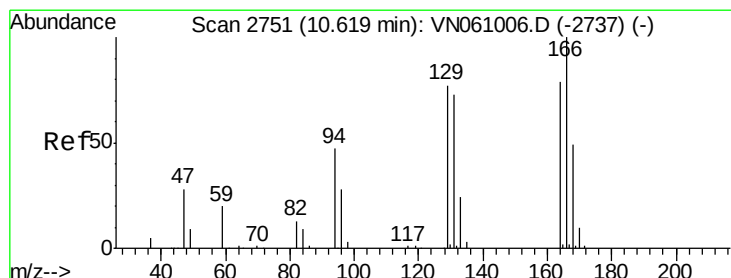
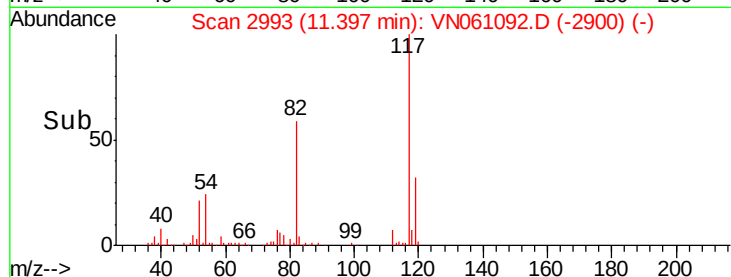
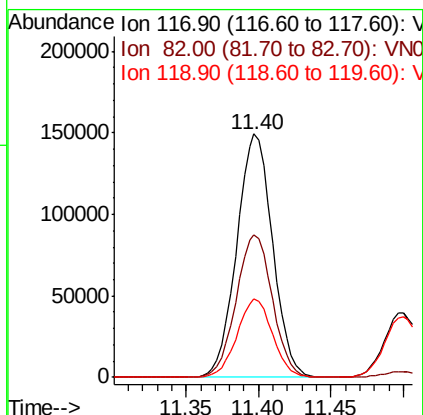
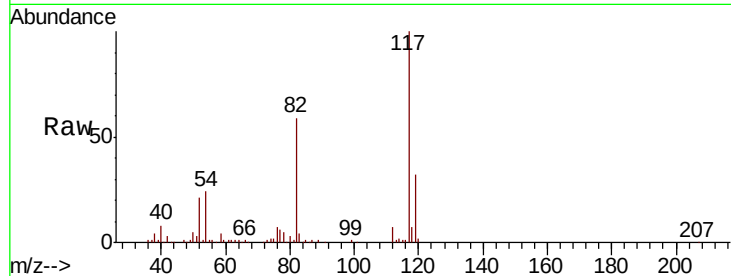




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

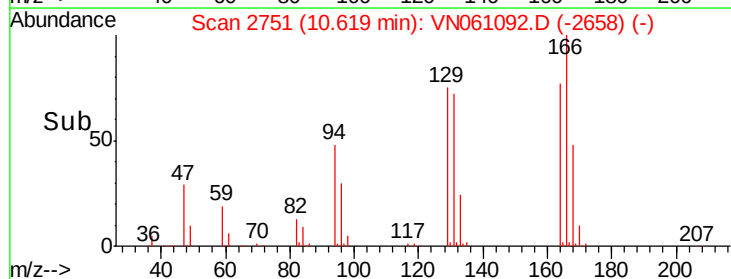
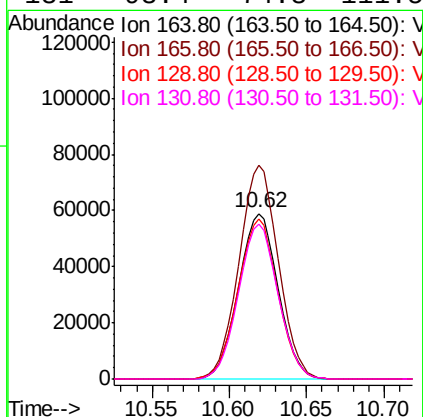
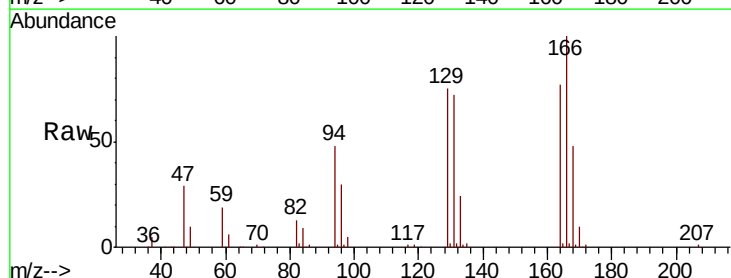
Instrument :
MSVOA_N
ClientSampleId :
BFB

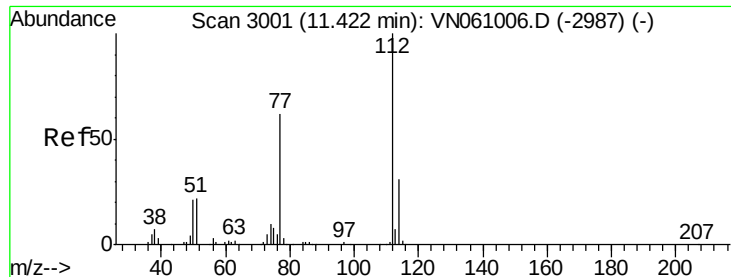
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.1	70.7
119	32.1	25.7	38.5



#64
Tetrachloroethene
Concen: 53.495 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.6	152.4
129	96.7	78.5	117.7
131	93.4	74.3	111.5

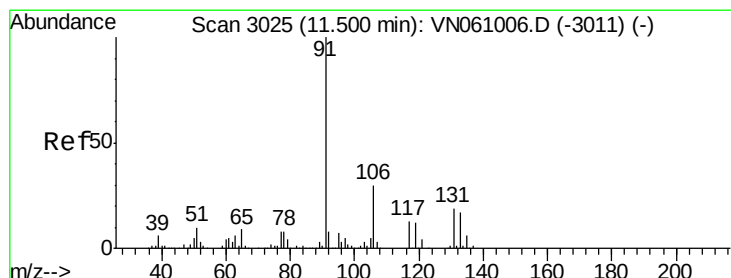
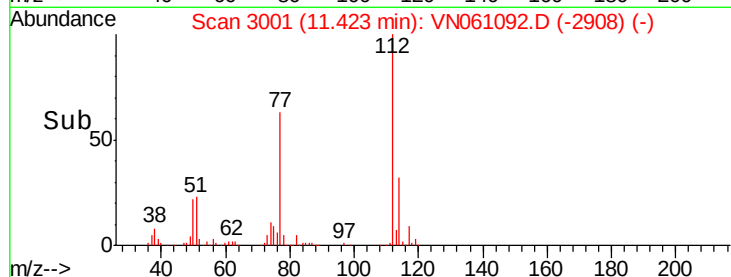
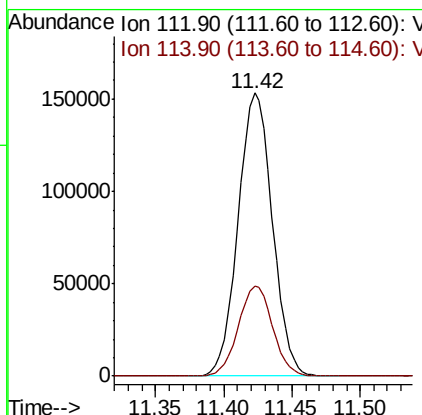
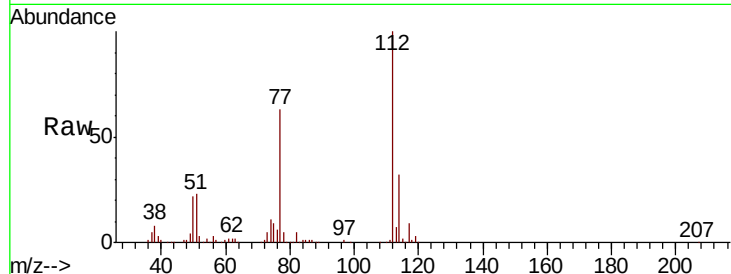




#65
Chlorobenzene
Concen: 50.461 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

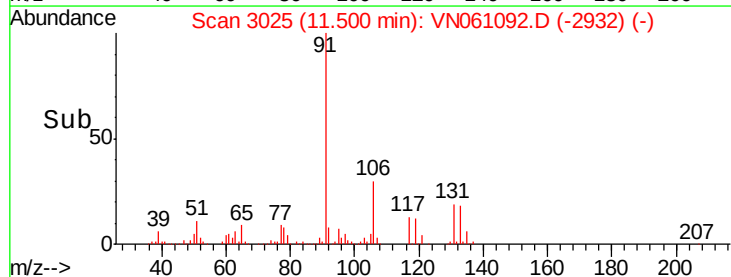
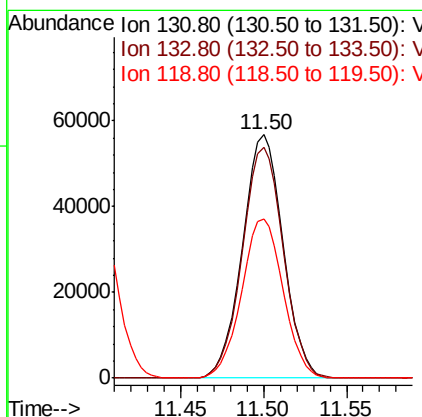
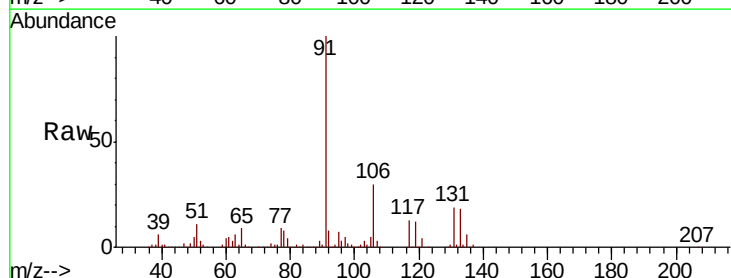
Instrument :
MSVOA_N
ClientSampleId :
BFB

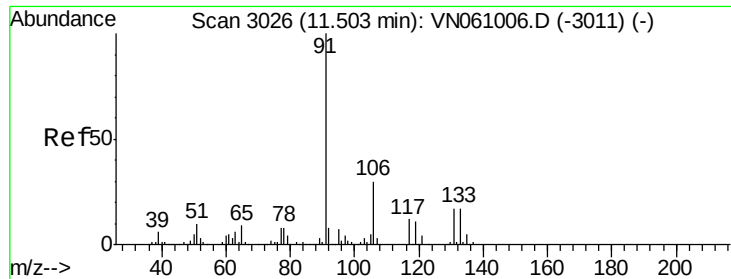
Tot Ion:112 Resp: 267029
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.250 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion:131 Resp: 97028
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 66.7 33.3 99.8

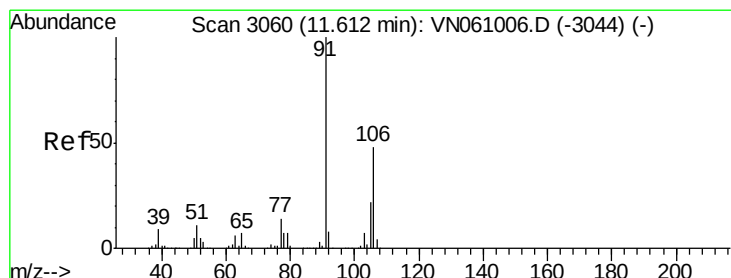
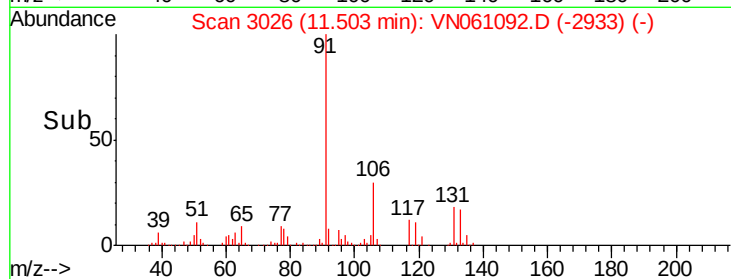
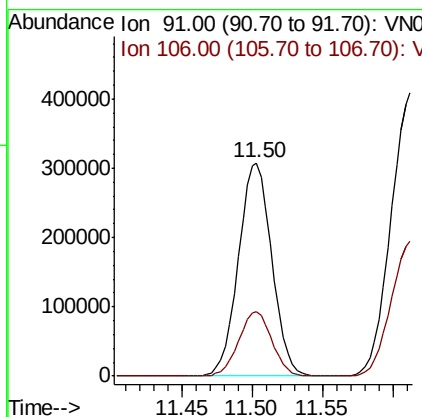
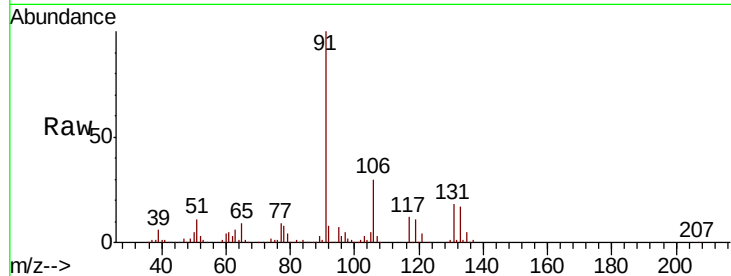




#67
Ethyl Benzene
Concen: 51.182 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

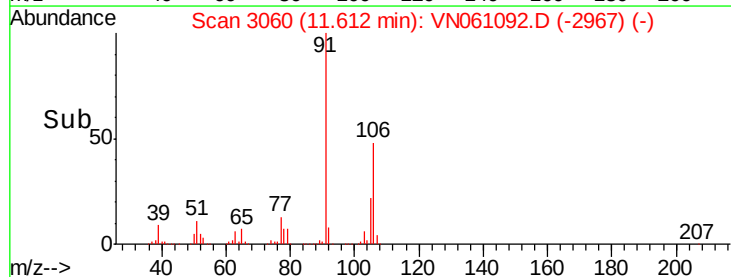
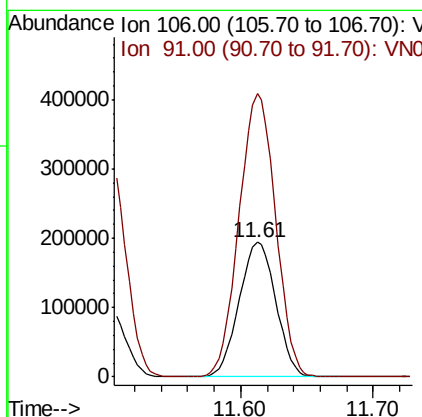
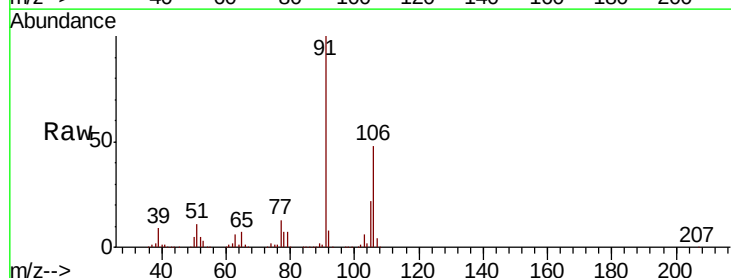
Instrument :
MSVOA_N
ClientSampled :
BFB

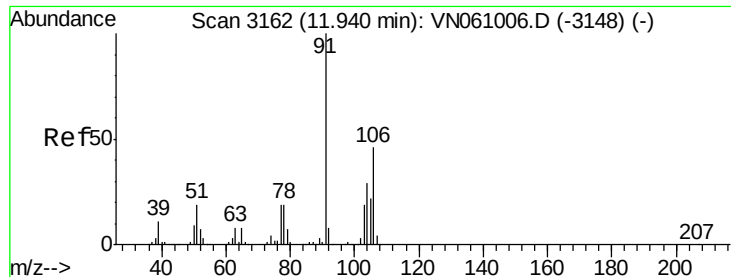
Tot Ion: 91 Resp: 509471
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 103.929 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion: 106 Resp: 373873
Ion Ratio Lower Upper
106 100
91 209.6 167.9 251.9

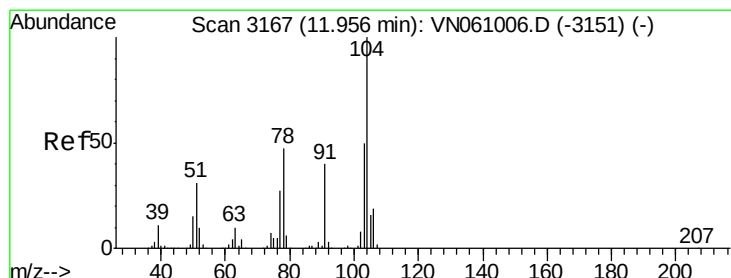
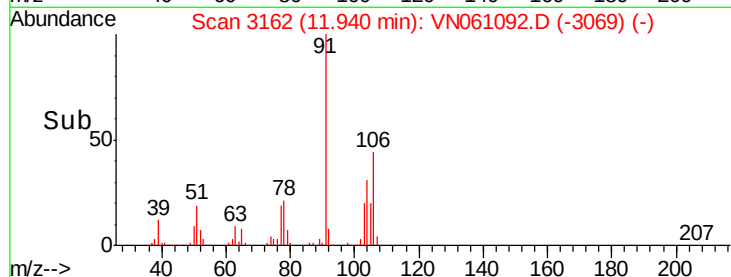
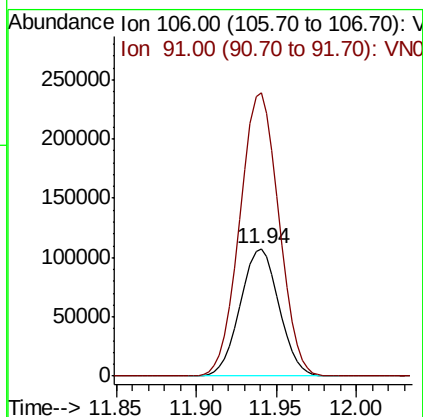
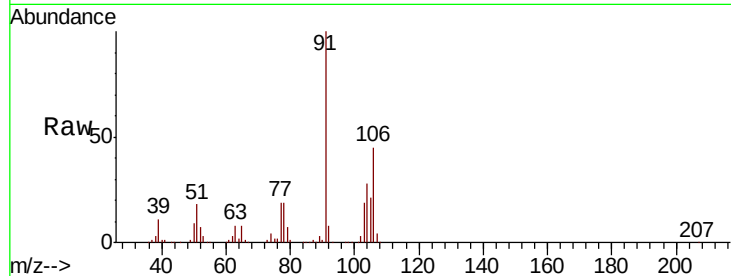




#69
o-Xylene
Concen: 51.374 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

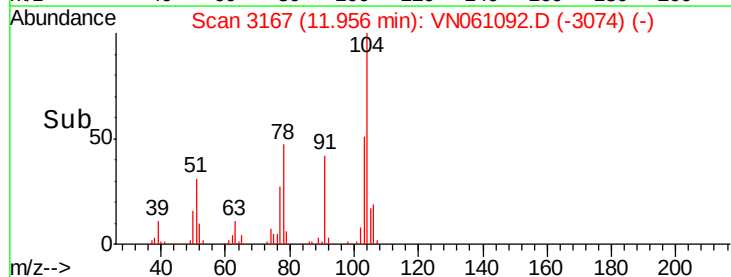
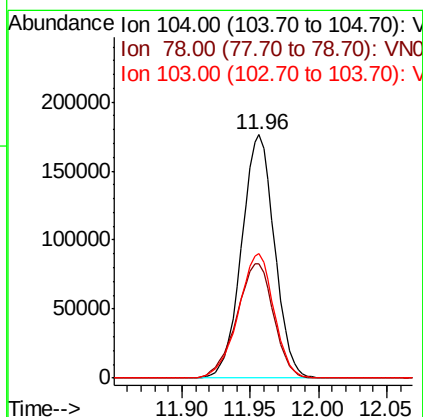
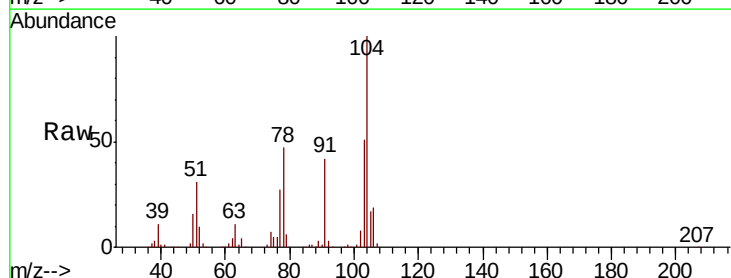
Instrument :
MSVOA_N
ClientSampled :
BFB

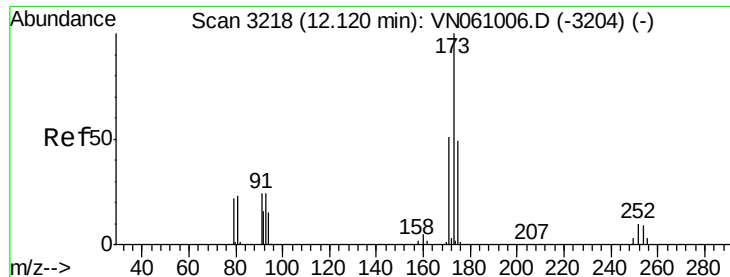
Tot Ion:106 Resp: 177692
Ion Ratio Lower Upper
106 100
91 223.4 110.7 332.1



#70
Styrene
Concen: 52.981 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion:104 Resp: 295017
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 55.4 44.4 66.6

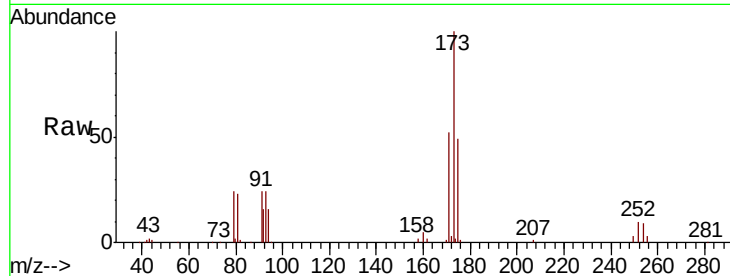




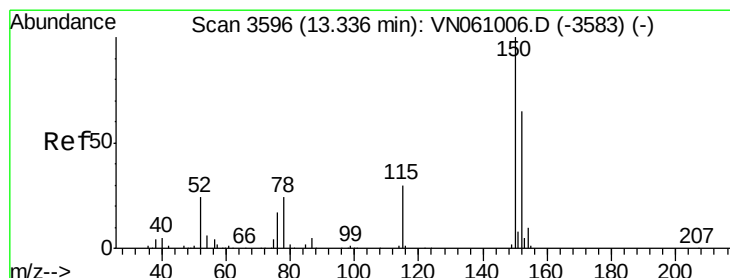
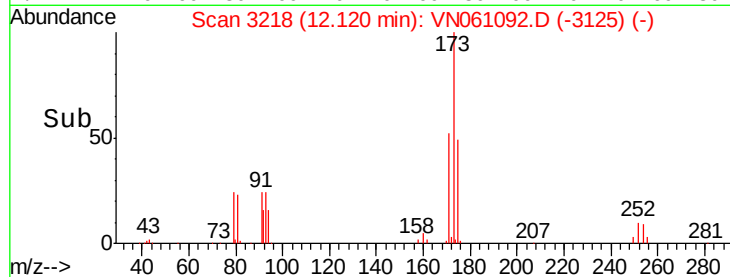
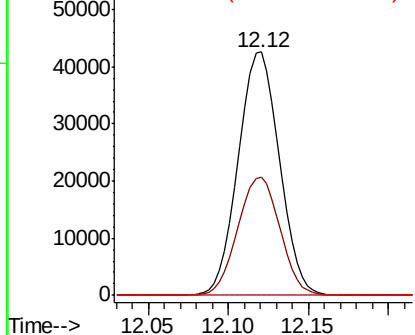
#71
Bromoform
Concen: 53.038 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:173 Resp: 74952
Ion Ratio Lower Upper
173 100
175 49.5 24.5 73.5
254 0.0 0.0 0.0

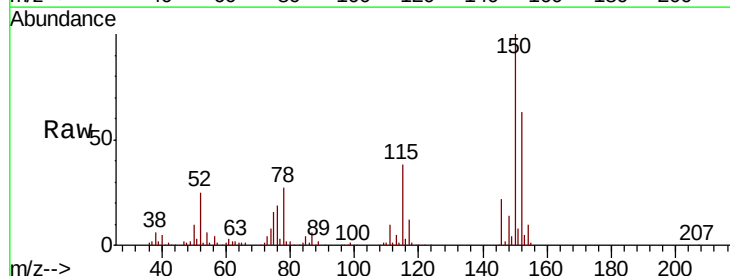


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

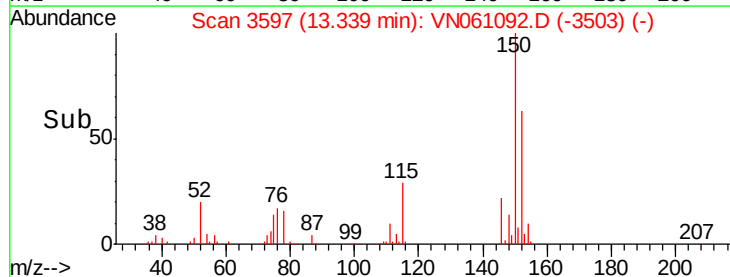
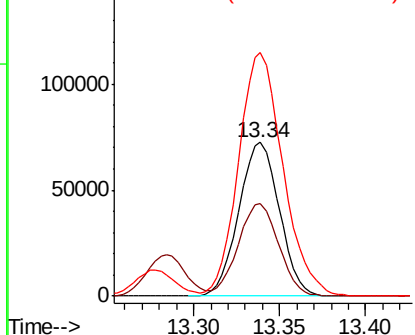


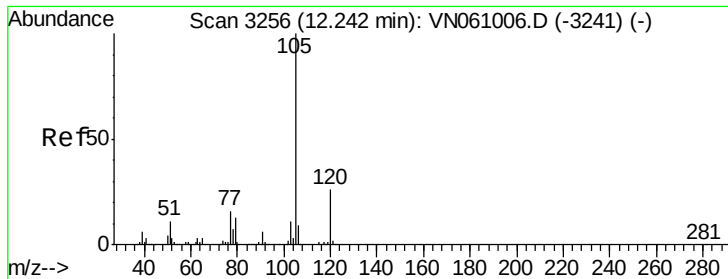
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion:152 Resp: 118773
Ion Ratio Lower Upper
152 100
115 59.9 30.8 92.4
150 173.0 0.0 349.0



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: 50.702 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

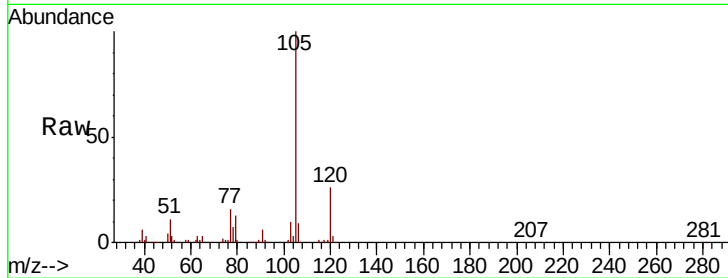
BFB

Tot Ion:105 Resp: 482452

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

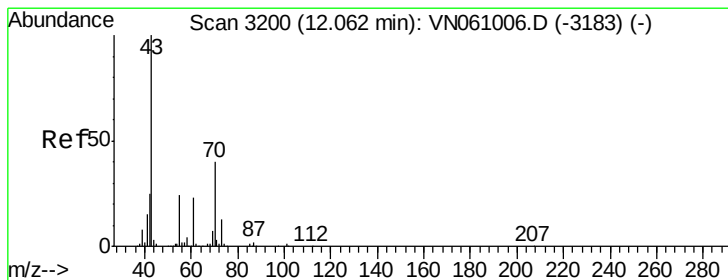
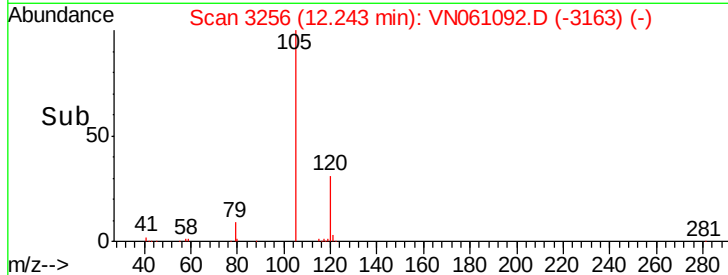
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 52.494 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Tgt Ion: 43 Resp: 232284

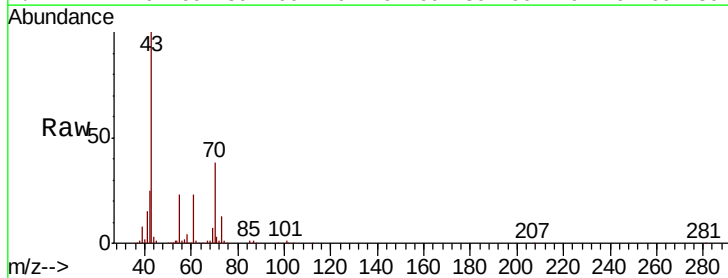
Ion Ratio Lower Upper

43 100

70 38.3 31.0 46.6

55 23.3 18.6 27.8

61 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.06

200000

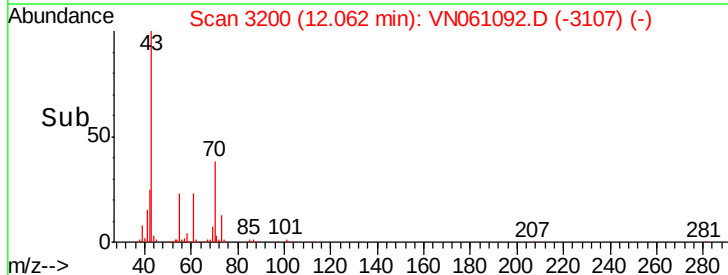
150000

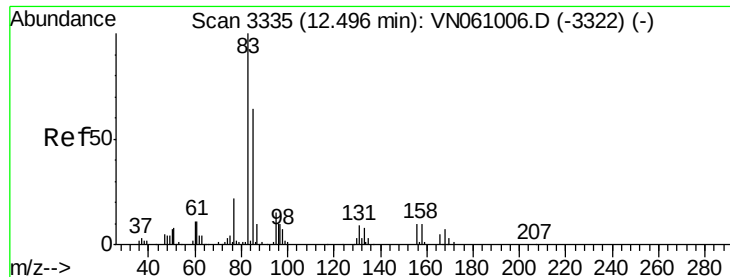
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 51.366 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

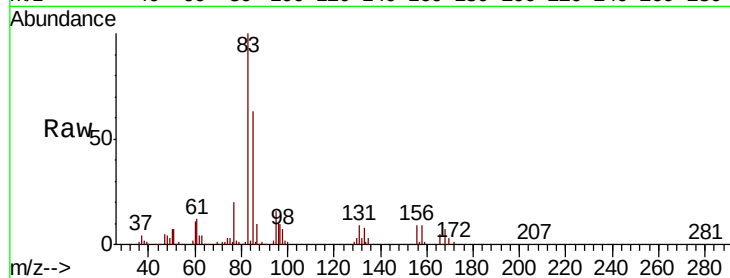
Tot Ion: 83 Resp: 149202

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

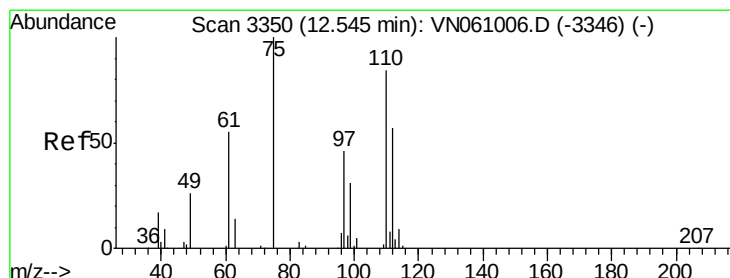
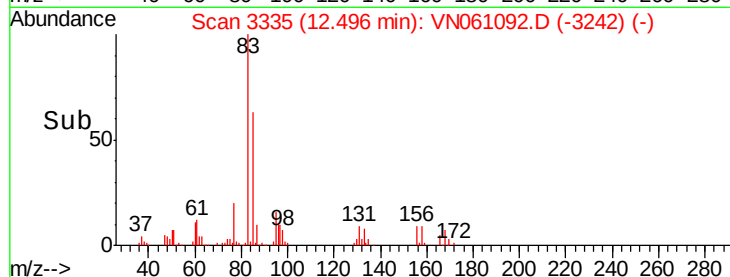
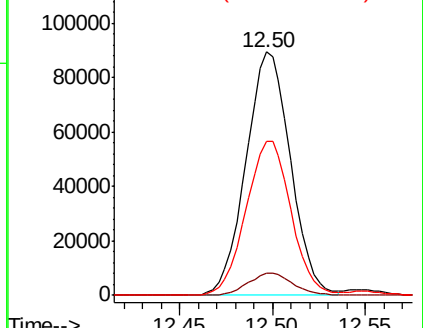
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061092.D (-3242) (-)

Ion 130.80 (130.50 to 131.50): VN061092.D (-3242) (-)

Ion 84.90 (84.60 to 85.60): VN061092.D (-3242) (-)



#76

1,2,3-Trichloropropane

Concen: 78.685 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061092.D

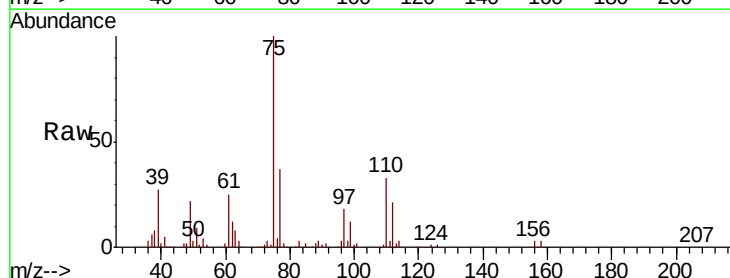
Acq: 20 Apr 2020 11:00

Tgt Ion: 75 Resp: 205566

Ion Ratio Lower Upper

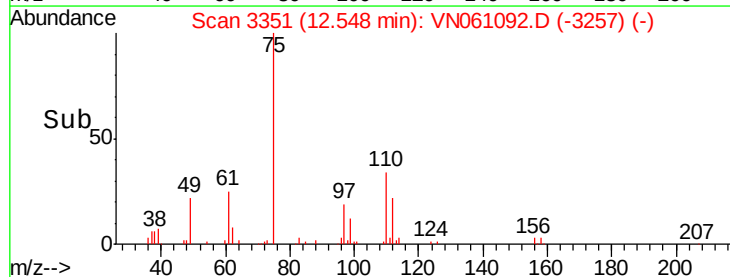
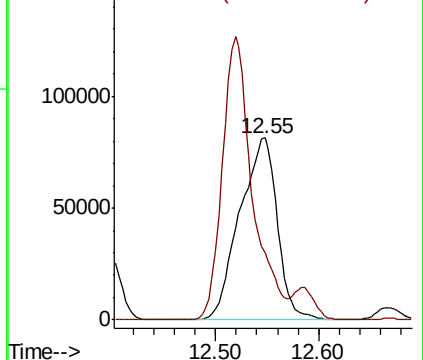
75 100

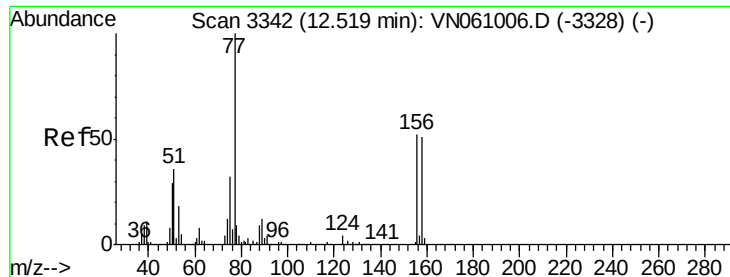
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061092.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN061092.D (-3257) (-)





#77

Bromobenzene

Concen: 50.051 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

BFB

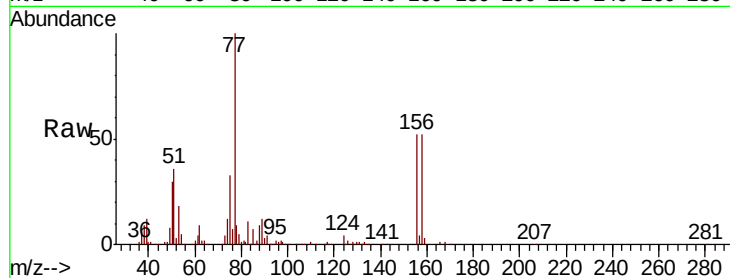
Tot Ion:156 Resp: 111199

Ion Ratio Lower Upper

156 100

77 231.6 115.6 346.8

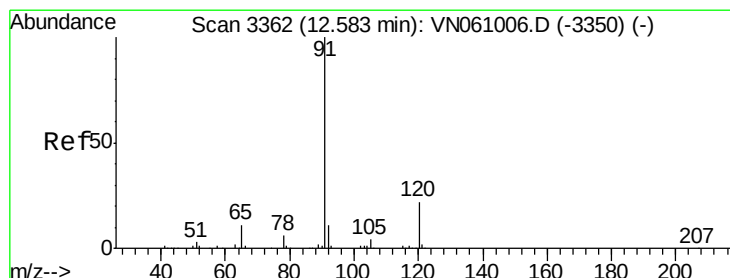
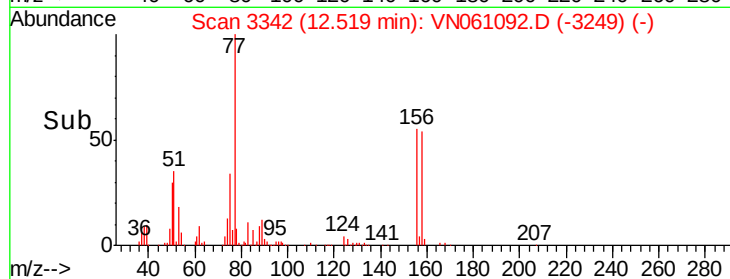
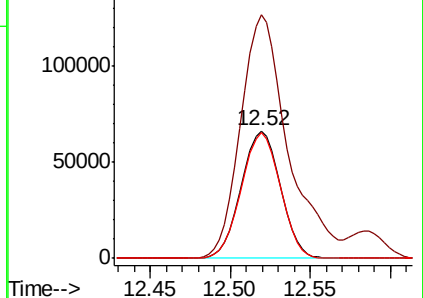
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.694 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061092.D

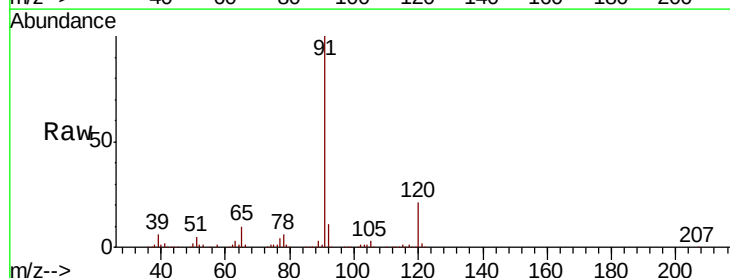
Acq: 20 Apr 2020 11:00

Tgt Ion: 91 Resp: 575507

Ion Ratio Lower Upper

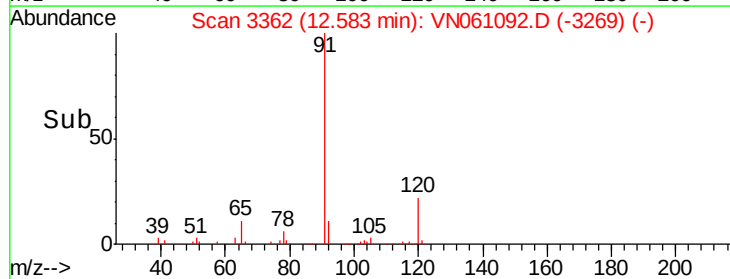
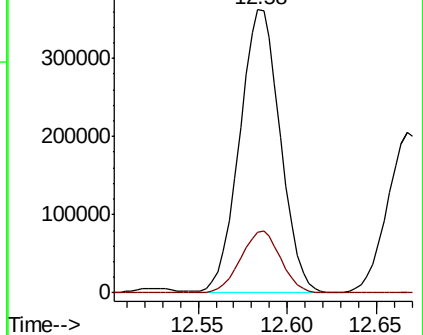
91 100

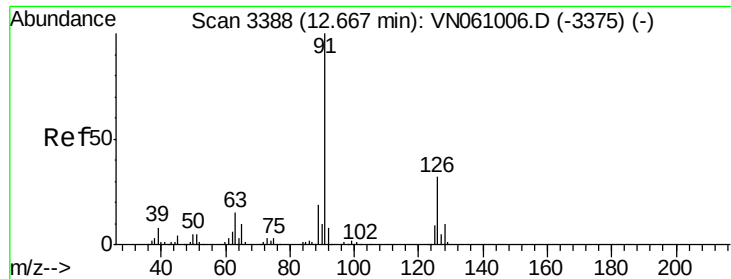
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.391 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

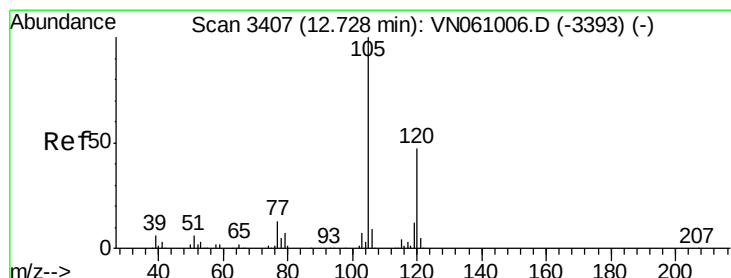
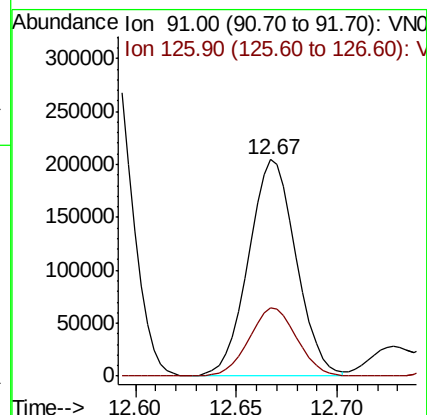
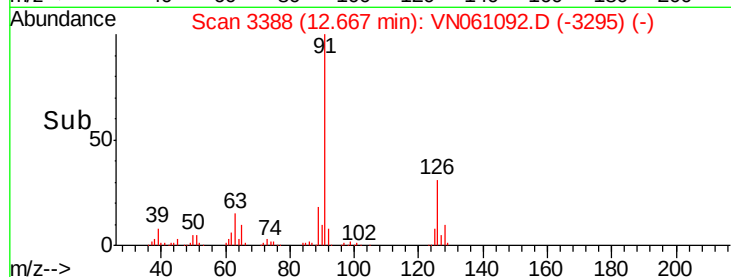
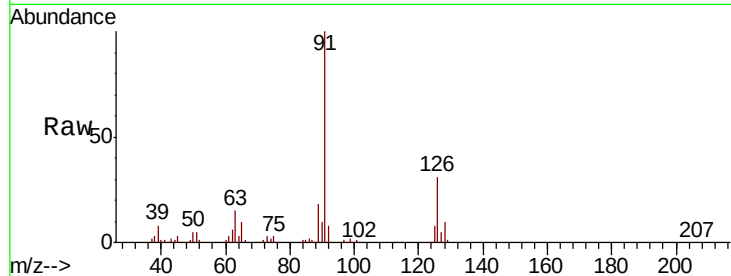
BFB

Tot Ion: 91 Resp: 335556

Ion Ratio Lower Upper

91 100

126 31.9 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 51.918 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN061092.D

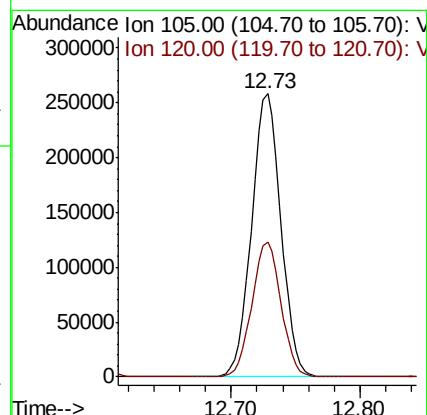
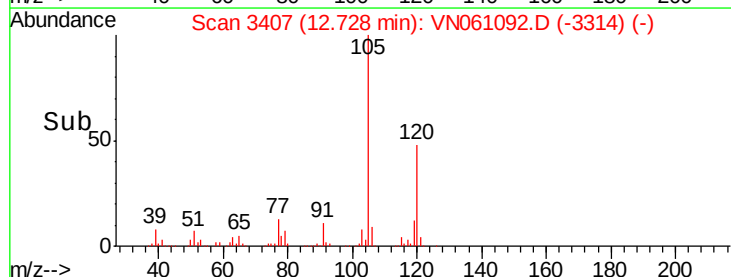
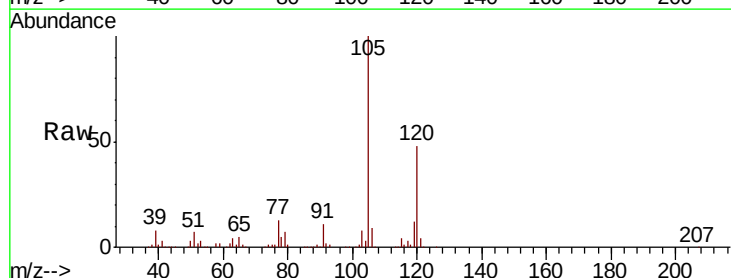
Acq: 20 Apr 2020 11:00

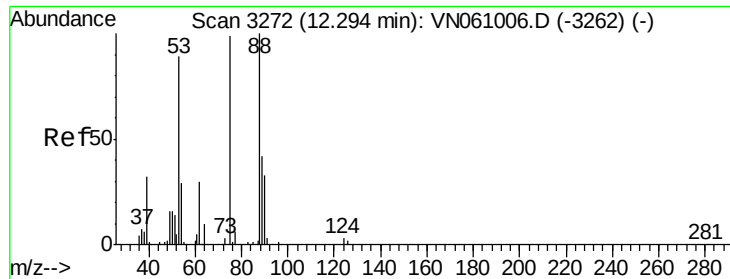
Tgt Ion: 105 Resp: 408346

Ion Ratio Lower Upper

105 100

120 47.4 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.739 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

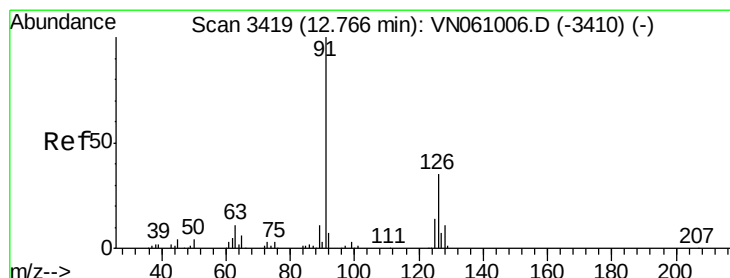
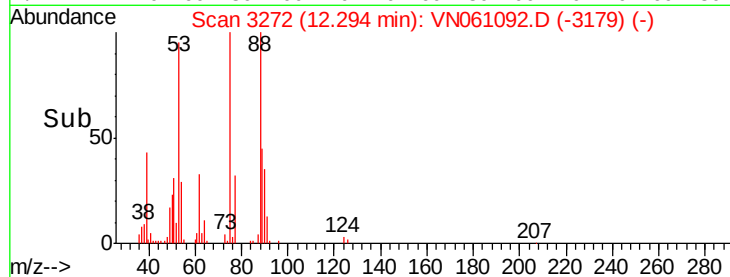
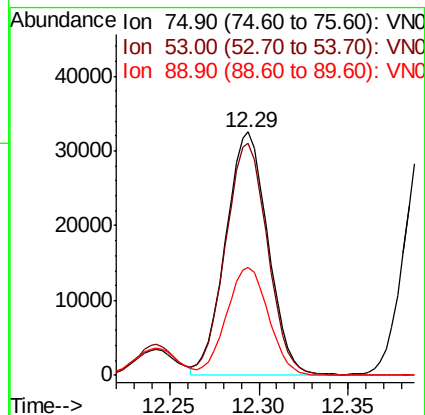
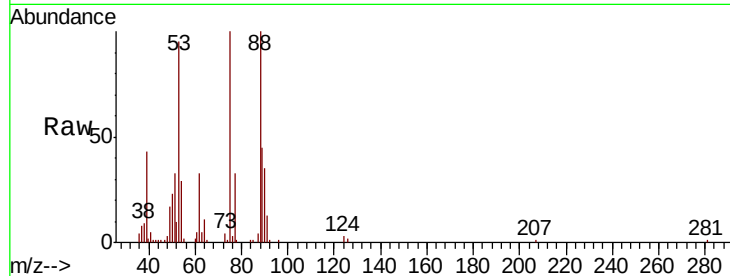
Tot Ion: 75 Resp: 53741

Ion Ratio Lower Upper

75 100

53 95.2 74.7 112.1

89 43.7 34.6 52.0



#82

4-Chlorotoluene

Concen: 51.143 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061092.D

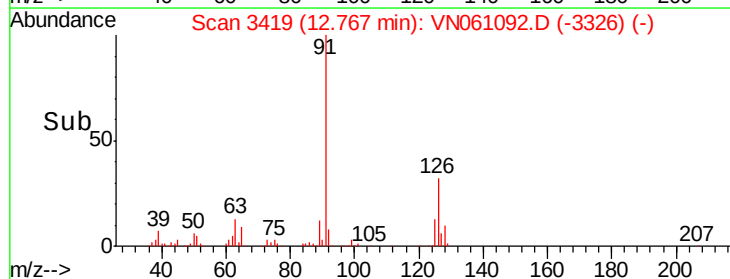
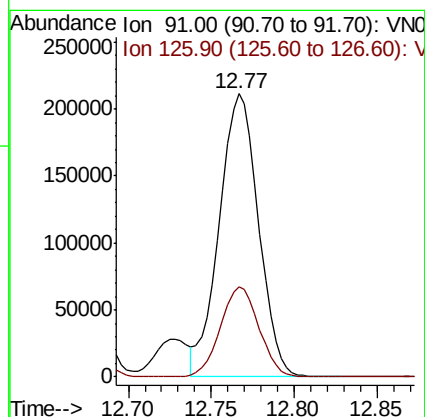
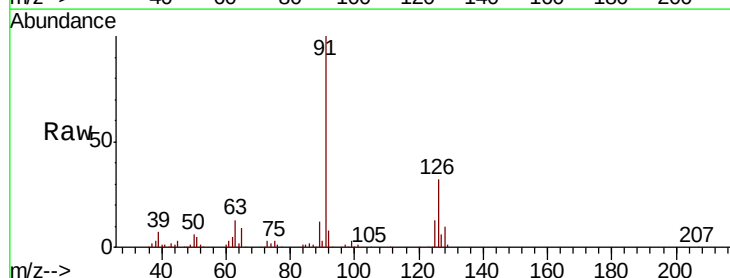
Acq: 20 Apr 2020 11:00

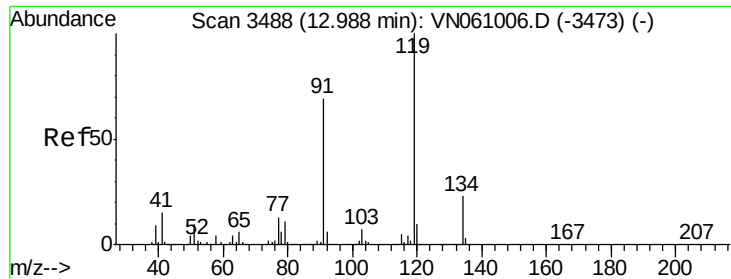
Tgt Ion: 91 Resp: 346337

Ion Ratio Lower Upper

91 100

126 31.3 15.9 47.6

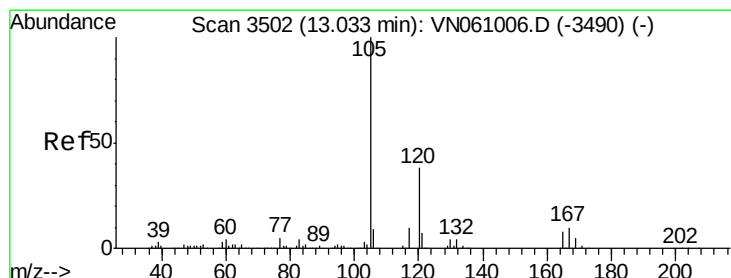
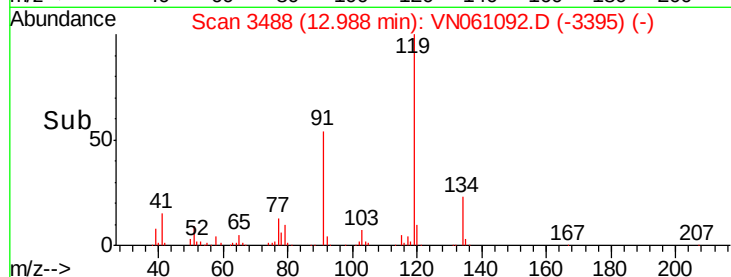
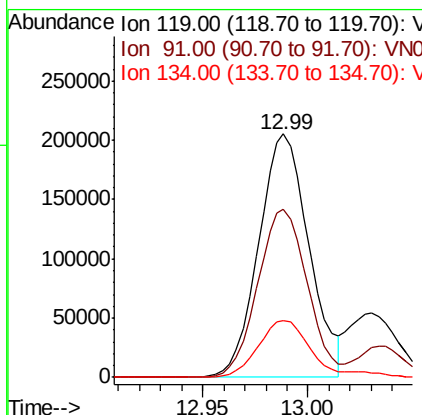
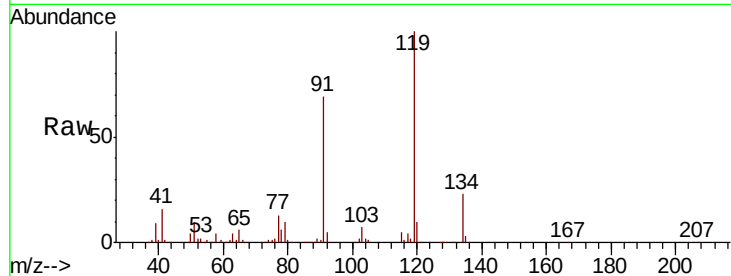




#83
 tert-Butylbenzene
 Concen: 51.452 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

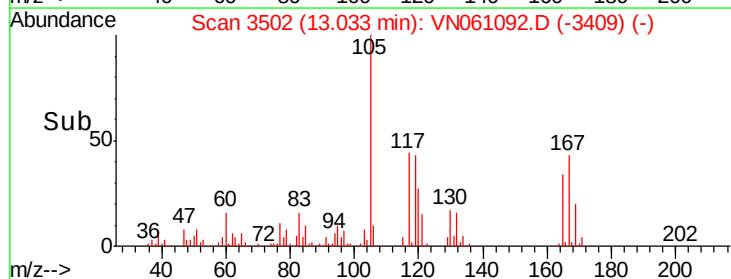
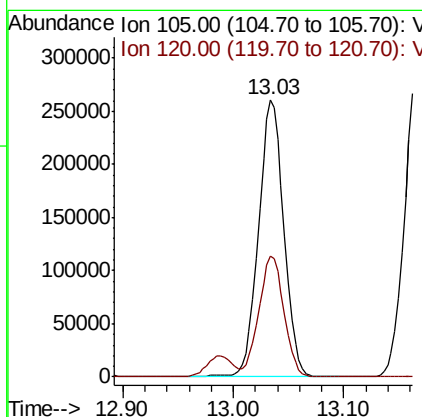
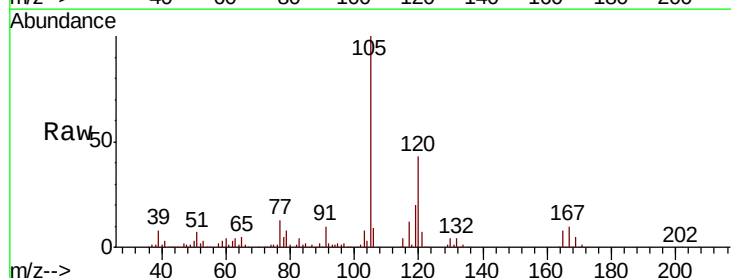
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

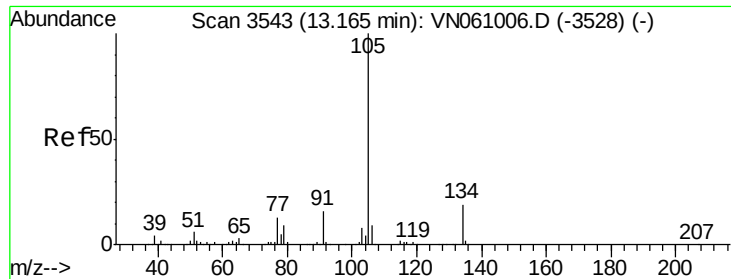
Tot Ion:119 Resp: 340335
 Ion Ratio Lower Upper
 119 100
 91 68.5 34.1 102.3
 134 25.0 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 53.098 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion:105 Resp: 412813
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 51.714 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

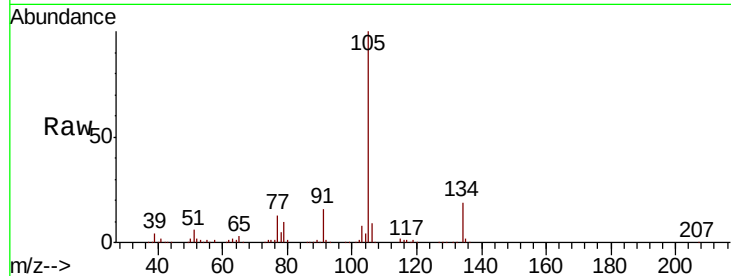
BFB

Tot Ion:105 Resp: 463474

Ion Ratio Lower Upper

105 100

134 19.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

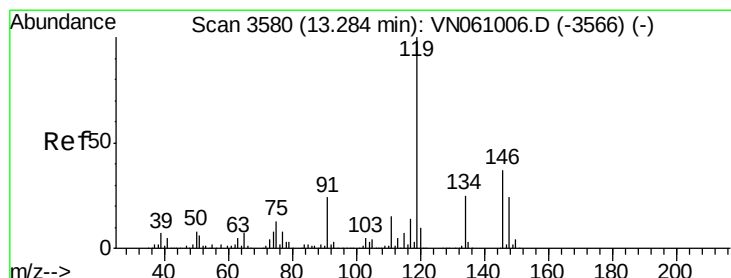
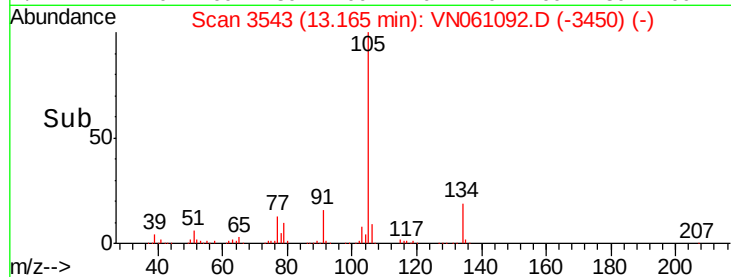
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.538 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

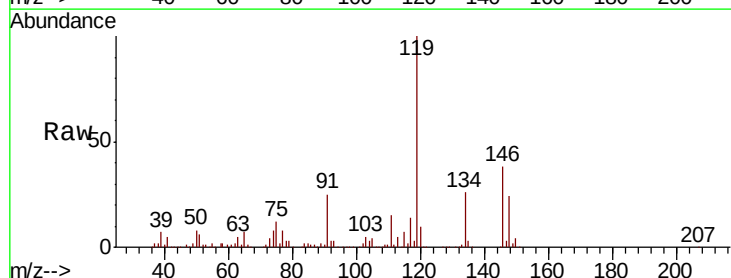
Tgt Ion:119 Resp: 419289

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.6 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

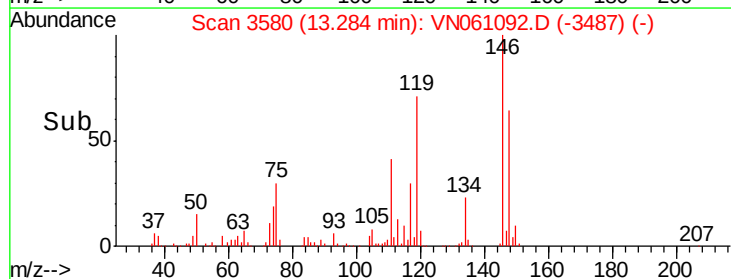
300000

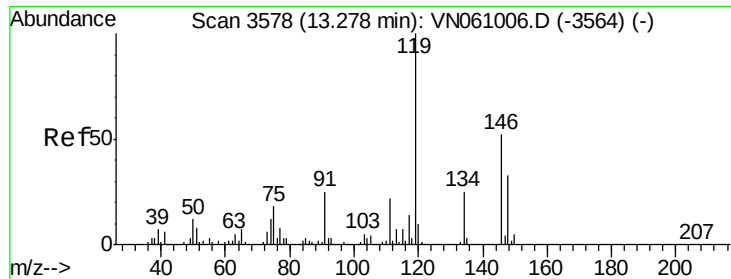
200000

100000

0

Time-->

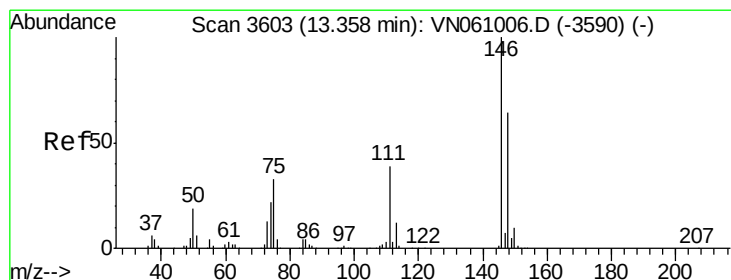
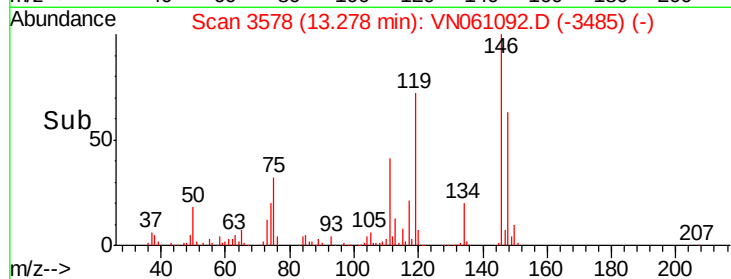
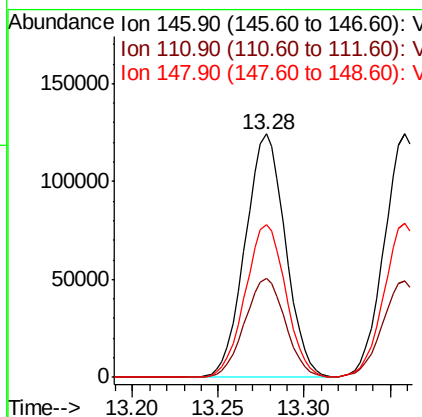
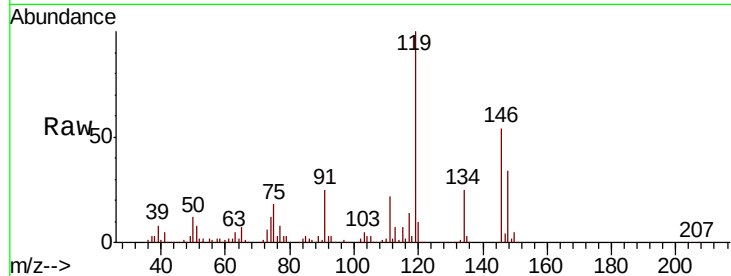




#87
 1,3-Dichlorobenzene
 Concen: 50.904 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

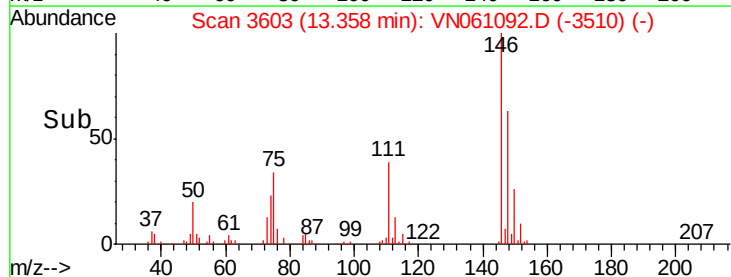
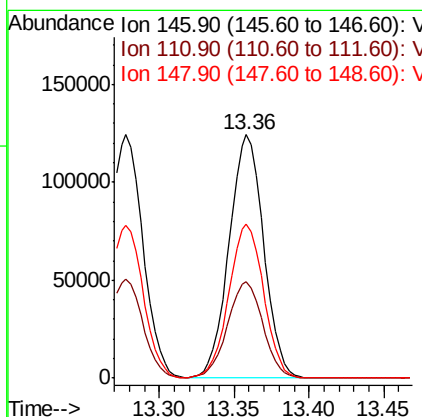
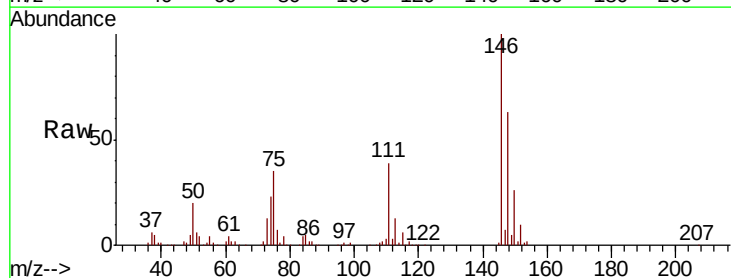
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

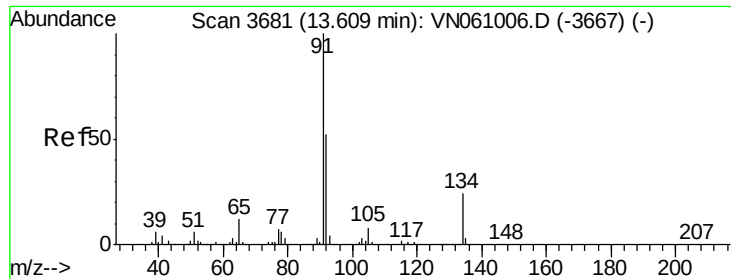
Tot Ion:146 Resp: 201550
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.193 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion:146 Resp: 199932
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.1 60.3
 148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 52.417 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN061092.D

Acq: 20 Apr 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

BFB

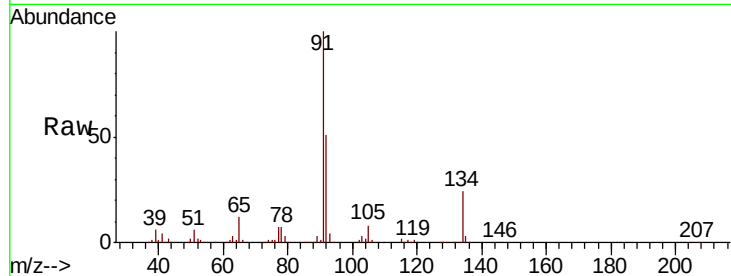
Tot Ion: 91 Resp: 389005

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.2

134 24.1 12.3 36.8

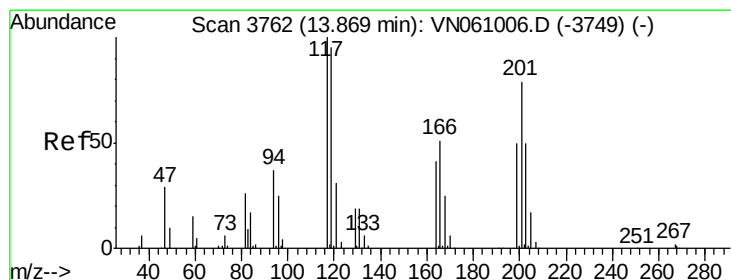
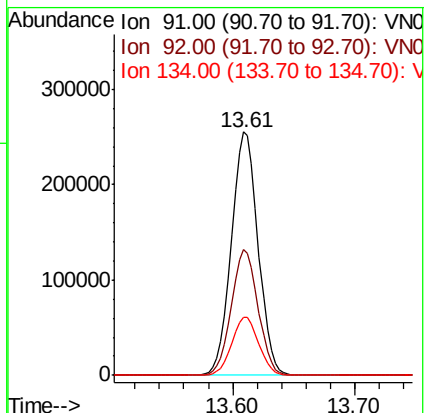
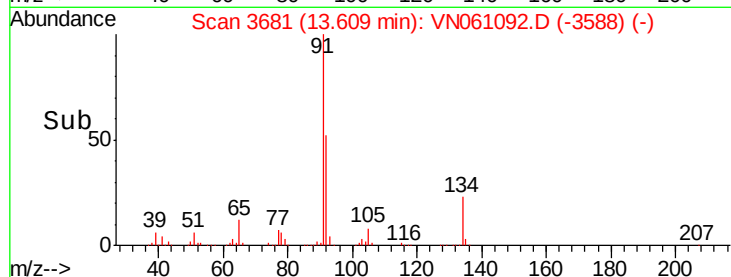


Abundance Ion 91.00 (90.70 to 91.70): VN061006.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN061006.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN061006.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 49.076 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN061092.D

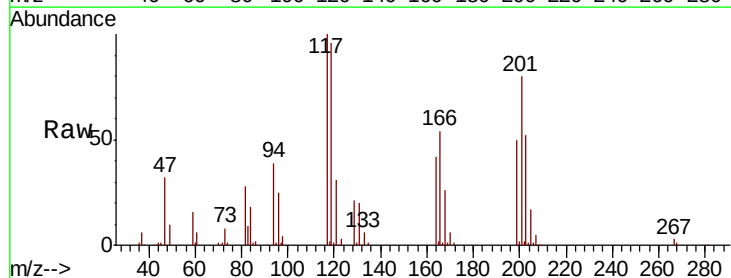
Acq: 20 Apr 2020 11:00

Tgt Ion: 117 Resp: 60090

Ion Ratio Lower Upper

117 100

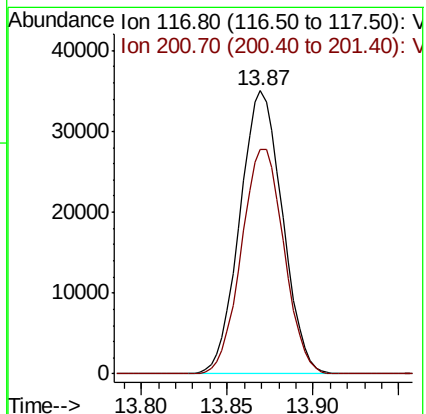
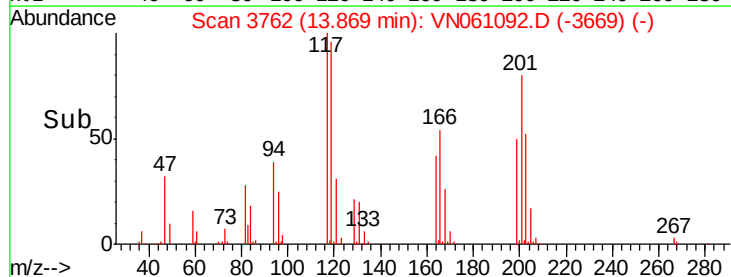
201 79.3 39.3 117.9

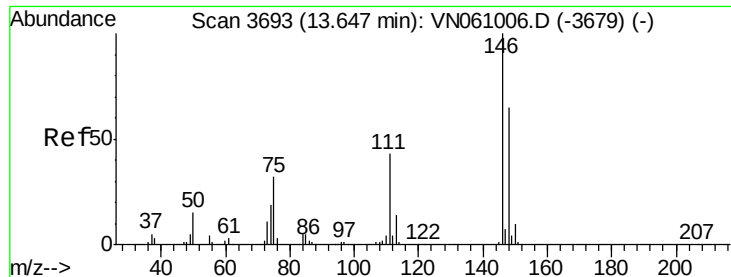


Abundance Ion 116.80 (116.50 to 117.50): VN061006.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN061006.D (-3749) (-)

Time-->

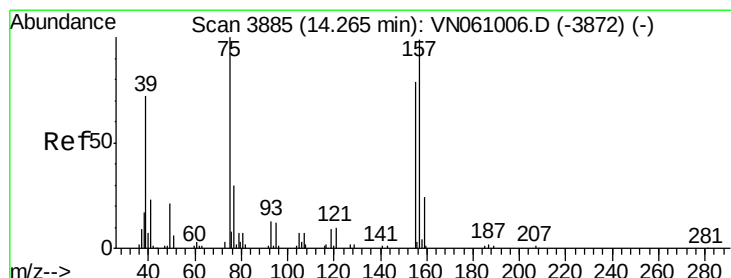
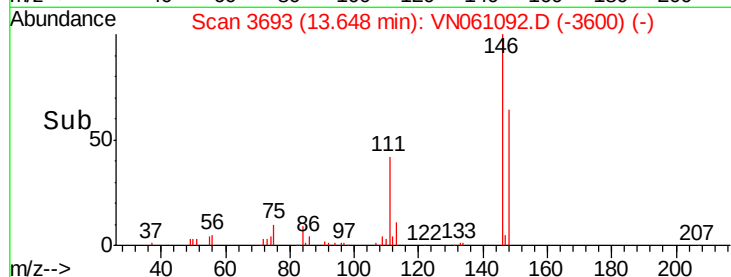
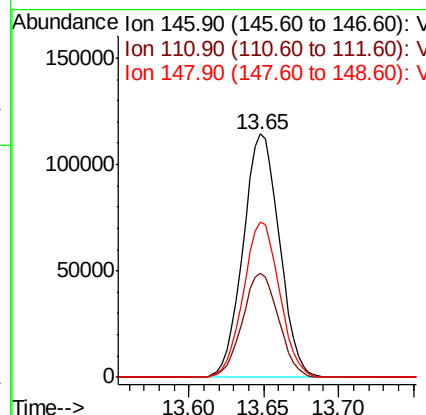
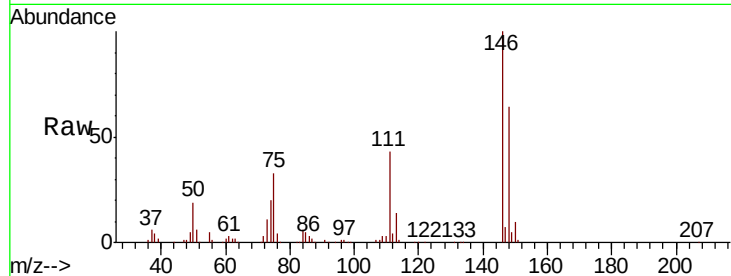




#91
 1,2-Dichlorobenzene
 Concen: 51.169 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

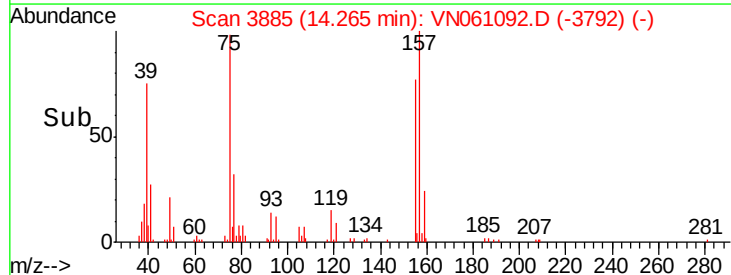
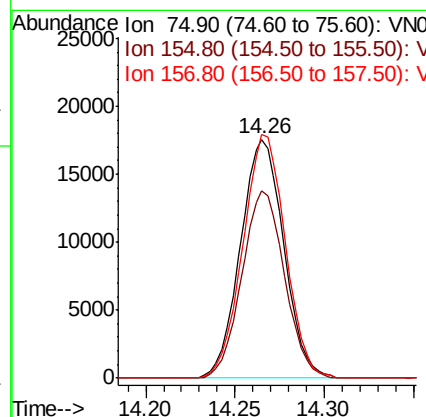
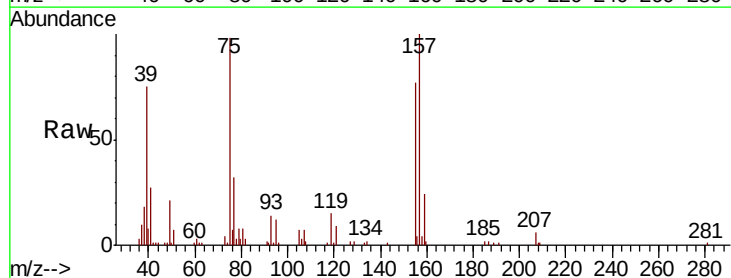
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

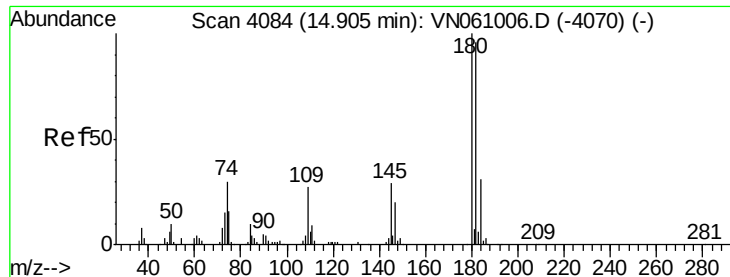
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	64.0
148	63.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.758 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.1	39.5	118.5
157	100.2	50.1	150.4

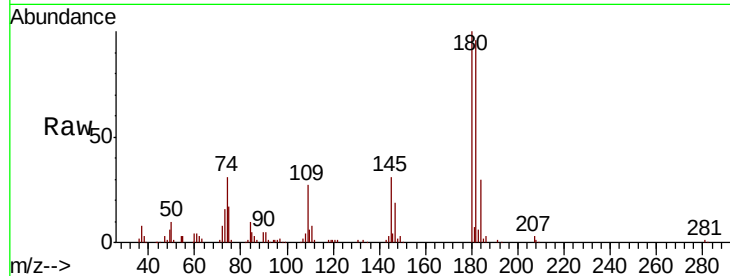




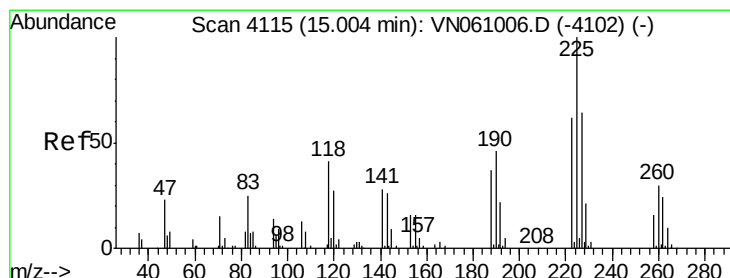
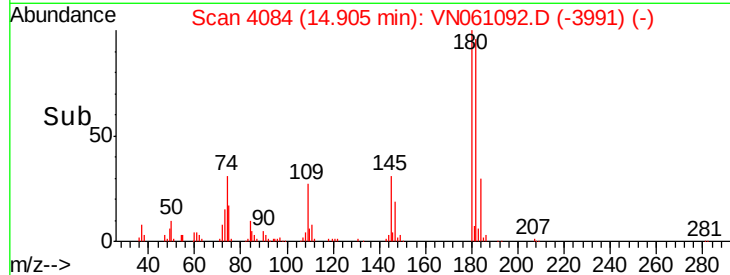
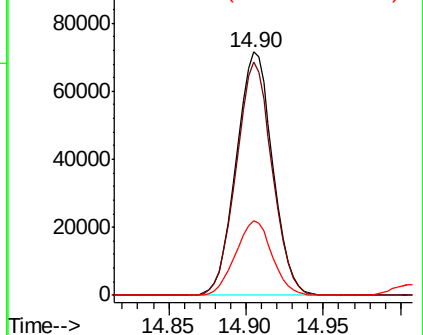
#93
 1,2,4-Trichlorobenzene
 Concen: 52.231 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 116824
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 30.7 15.3 45.8

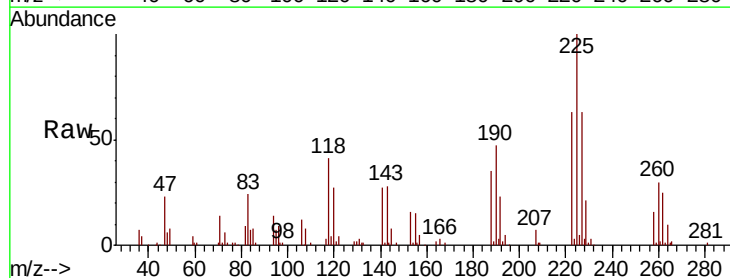


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

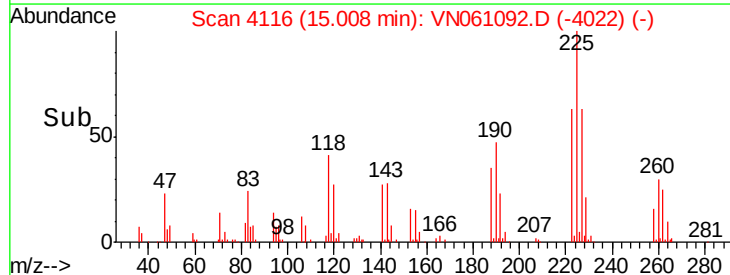
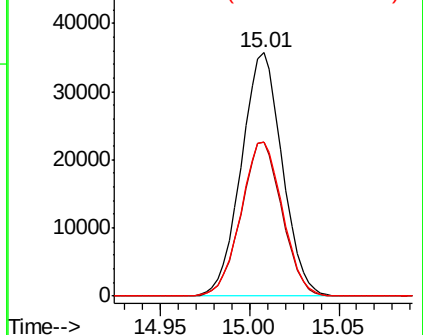


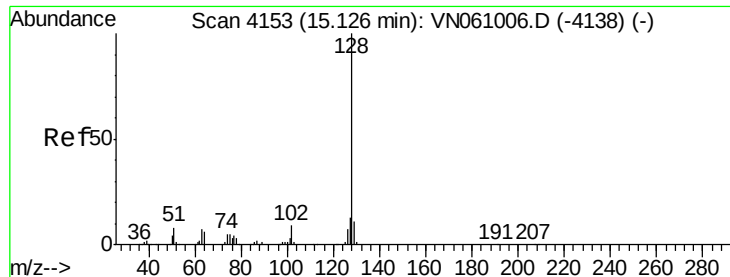
#94
 Hexachlorobutadiene
 Concen: 49.770 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN061092.D
 Acq: 20 Apr 2020 11:00

Tgt Ion:225 Resp: 57266
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

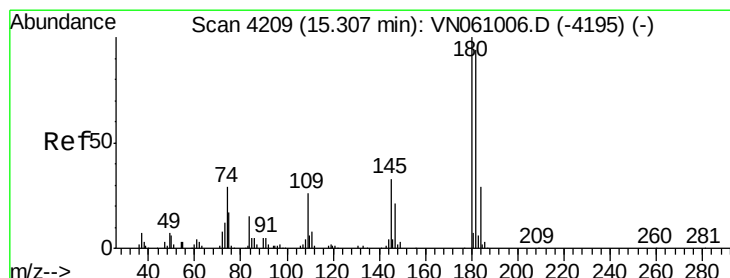
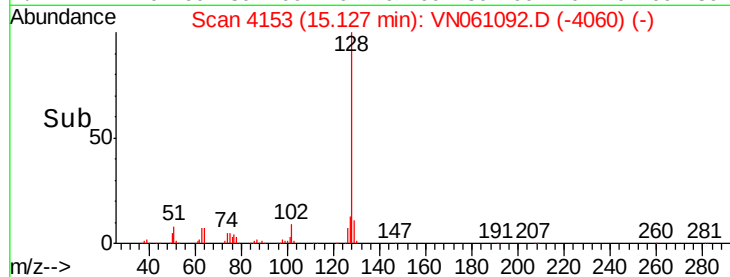
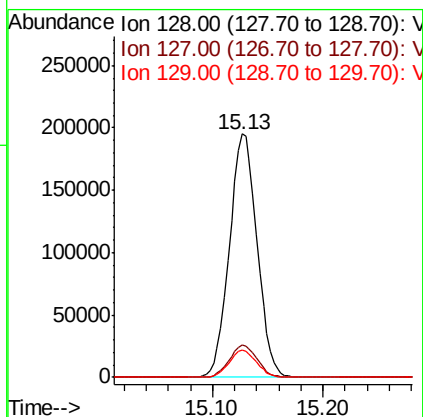
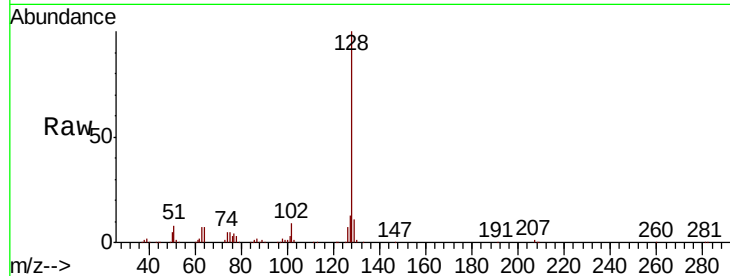




#95
Naphthalene
Concen: 52.001 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:128 Resp: 339205
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.060 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN061092.D
Acq: 20 Apr 2020 11:00

Tgt Ion:180 Resp: 112215
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.8
145 32.0 16.4 49.2

