

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
 Data File : VN061734.D
 Acq On : 10 Jun 2020 13:38
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jun 11 02:43:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	77948	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.54	114	422205	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	385321	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	141674	29.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.13%
60) 4-Bromofluorobenzene	12.37	95	169466	29.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.50%
63) Toluene-d8	10.06	98	492803	30.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	63248	19.631	ug/l 97
3) Chloromethane	2.03	50	79340	20.598	ug/l 98
4) Vinyl Chloride	2.16	62	103847	19.319	ug/l 100
5) Bromomethane	2.54	94	68410	19.420	ug/l 99
6) Chloroethane	2.67	64	70450	18.748	ug/l 98
7) Trichlorofluoromethane	2.98	101	148203	19.052	ug/l 99
8) Diethyl Ether	3.37	74	46391	19.119	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	76996	19.353	ug/l 100
10) 1,1-Dichloroethene	3.69	96	74733	19.065	ug/l 97
11) Methyl Iodide	3.91	142	106138	19.869	ug/l 98
12) Methyl Acetate	4.28	43	58215	18.664	ug/l 97
13) Acrolein	3.56	56	41350	99.074	ug/l 100
14) Acrylonitrile	4.92	53	144238	89.600	ug/l # 91
15) Acetone	3.77	58	49392	102.604	ug/l 95
16) Carbon Disulfide	4.00	76	177699	21.888	ug/l 99
17) Allyl chloride	4.27	41	83244	18.643	ug/l 97
18) Methylene Chloride	4.50	84	82500	18.341	ug/l 98
19) trans-1,2-Dichloroethene	4.98	96	83772	19.219	ug/l 99
20) Diisopropyl ether	5.90	45	199530	18.705	ug/l 98
21) 1,1-Dichloroethane	5.79	63	128877	18.171	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	93936	18.374	ug/l 99
23) tert-Butyl Alcohol	4.73	59	60444	97.096	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	227933	18.241	ug/l # 91
25) Chloroform	7.32	83	147573	18.366	ug/l 99
26) Cyclohexane	7.61	56	106231	19.615	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	107383	18.928	ug/l 99
30) 2-Butanone	6.78	43	183333	93.287	ug/l 100
31) 2,2-Dichloropropane	6.77	77	122321	18.416	ug/l 100
32) 1,1,1-Trichloroethane	7.52	97	133663	18.451	ug/l 98
33) Carbon Tetrachloride	7.73	117	107421	18.212	ug/l 97
34) Benzene	8.00	78	329253	18.617	ug/l 98
35) Methacrylonitrile	7.12	41	30560	16.744	ug/l # 77
36) 1,2-Dichloroethane	8.08	62	101202	17.706	ug/l 99
37) Trichloroethene	8.80	130	100451	18.210	ug/l 97
38) Methylcyclohexane	9.04	83	123682	19.477	ug/l 100
39) 1,2-Dichloropropane	9.08	63	77409	18.274	ug/l 96
40) Dibromomethane	9.17	93	58047	18.270	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	116989	18.151	ug/l	99
42) Vinyl Acetate	5.84	43	760948	93.865	ug/l	100
43) Ethyl Acetate	6.87	43	69211	17.343	ug/l	97
44) Isopropyl Acetate	8.12	43	128484	17.794	ug/l	98
45) 1,4-Dioxane	9.16	88	29345	397.655	ug/l	98
46) Methyl methacrylate	9.16	41	54618	17.436	ug/l	98
47) n-amyl Acetate	12.04	43	105338	17.216	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	121260	18.040	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	132950	18.093	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	83128	18.005	ug/l	98
51) Ethyl methacrylate	10.40	69	107749	17.962	ug/l	98
52) 1,3-Dichloropropane	10.68	76	134063	18.232	ug/l	100
53) Dibromochloromethane	10.87	129	95554	17.564	ug/l	99
54) 1,2-Dibromoethane	10.98	107	87895	18.172	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	207063	90.816	ug/l	100
56) Bromoform	12.10	173	65534	17.252	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	371926	93.331	ug/l	99
59) 2-Hexanone	10.72	43	273215	94.546	ug/l	99
61) Tetrachloroethene	10.60	164	108285	18.403	ug/l	91
62) Toluene	10.12	91	368338	19.040	ug/l	98
64) Chlorobenzene	11.40	112	233331	18.744	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	89160	18.790	ug/l	99
66) Ethyl Benzene	11.48	91	401127	18.941	ug/l	99
67) m/p-Xylenes	11.59	106	316014	37.513	ug/l	100
68) o-Xylene	11.92	106	150451	18.909	ug/l	100
69) Styrene	11.94	104	245454	18.211	ug/l	100
70) Isopropylbenzene	12.22	105	399789	19.024	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	102178	18.303	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	132140	25.109	ug/l	67
73) Bromobenzene	12.50	156	107510	18.936	ug/l	96
74) n-propylbenzene	12.56	91	448547	18.882	ug/l	100
75) 2-Chlorotoluene	12.65	91	264420	18.886	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	331634	18.929	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	34728	18.293	ug/l	98
78) 4-Chlorotoluene	12.75	91	270511	18.543	ug/l	100
79) tert-butylbenzene	12.97	119	283976	18.743	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	328938	18.665	ug/l	100
81) sec-Butylbenzene	13.15	105	370016	18.899	ug/l	100
82) p-Isopropyltoluene	13.27	119	337868	18.589	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	183513	18.110	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	180903	18.170	ug/l	100
85) n-Butylbenzene	13.59	91	276907	18.445	ug/l	99
86) Hexachloroethane	13.85	117	46894	18.950	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	177744	18.465	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.25	75	17949	17.308	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	102519	18.162	ug/l	99
90) Hexachlorobutadiene	14.98	225	46392	18.956	ug/l	97
91) Naphthalene	15.10	128	278262	17.764	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	99823	18.054	ug/l	99

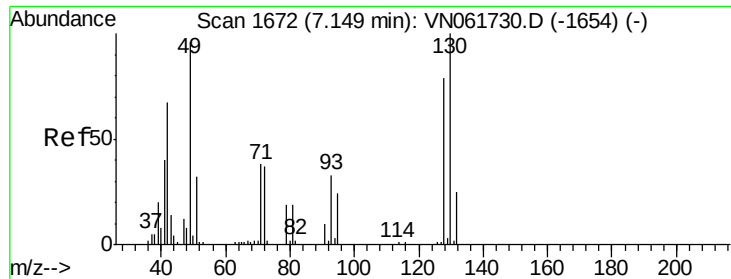
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

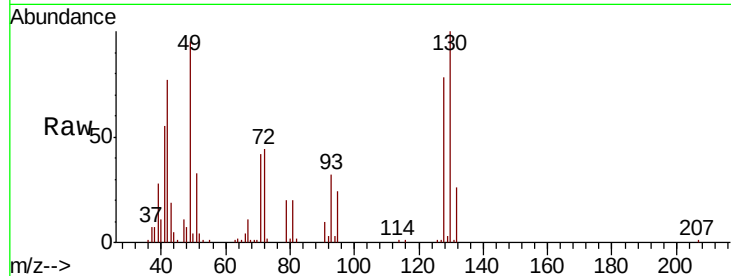
Tot Ion:128 Resp: 77948

Ion Ratio Lower Upper

128 100

49 121.6 0.0 312.3

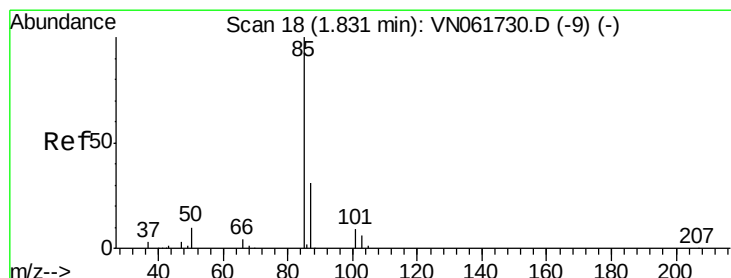
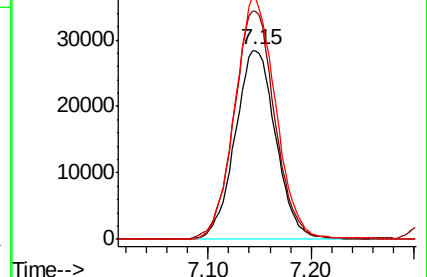
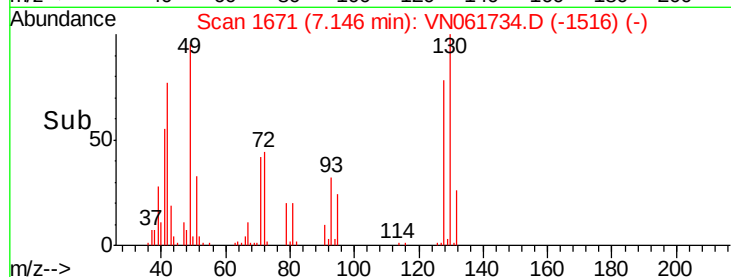
130 128.4 0.0 328.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.631 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061734.D

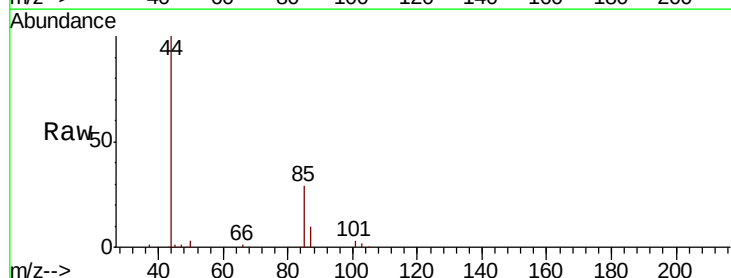
Acq: 10 Jun 2020 13:38

Tgt Ion: 85 Resp: 63248

Ion Ratio Lower Upper

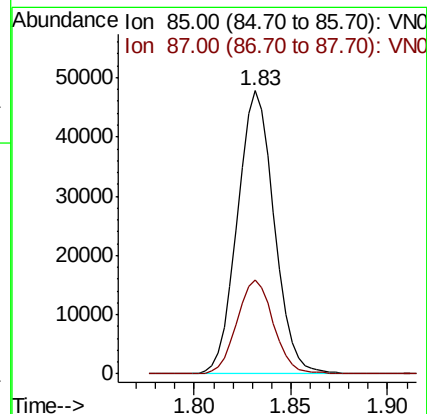
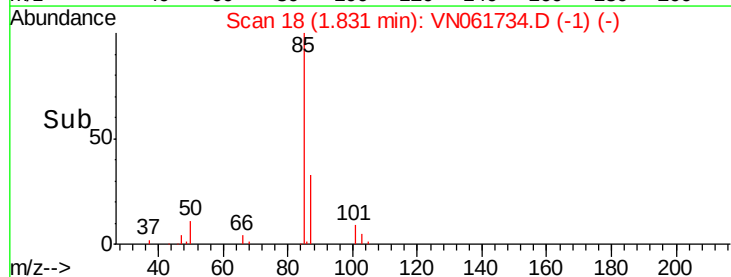
85 100

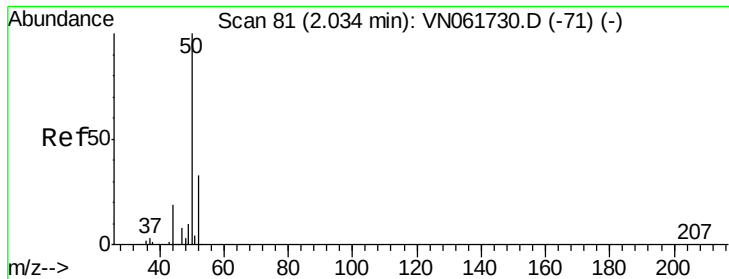
87 33.2 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.598 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

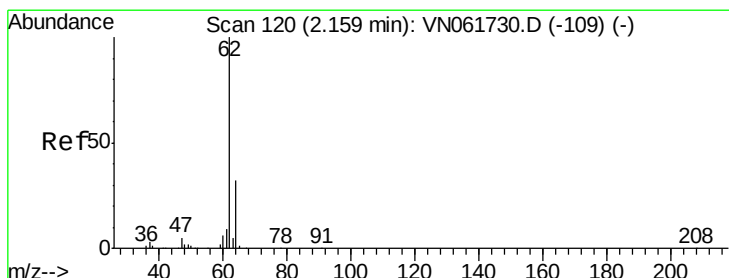
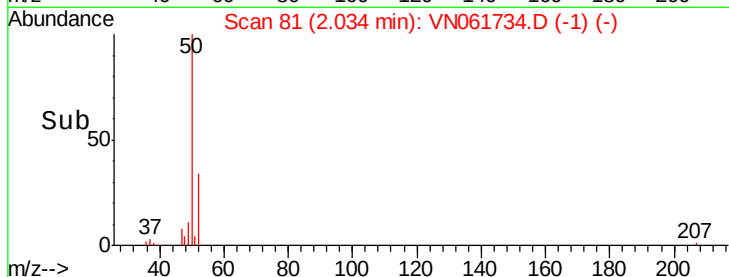
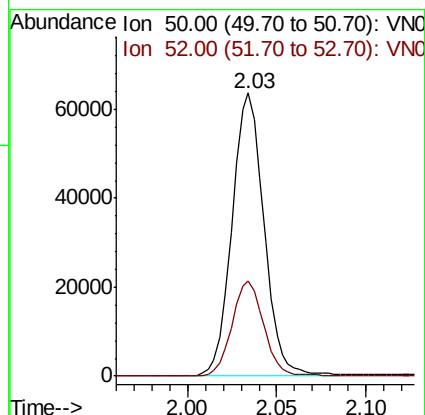
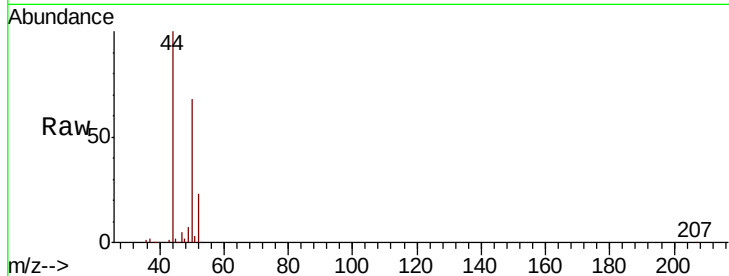
BFB

Tot Ion: 50 Resp: 79340

Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2



#4

Vinyl Chloride

Concen: 19.319 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061734.D

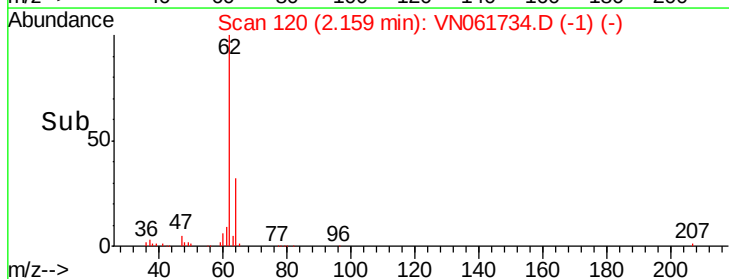
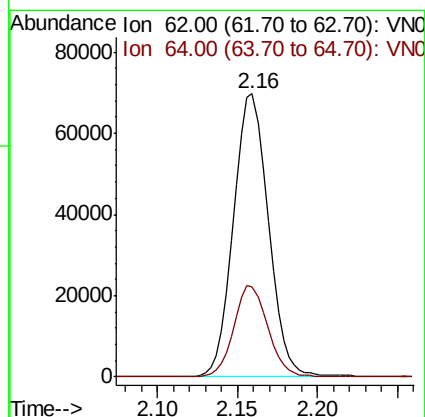
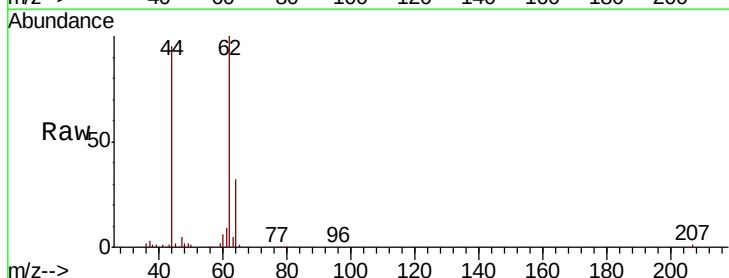
Acq: 10 Jun 2020 13:38

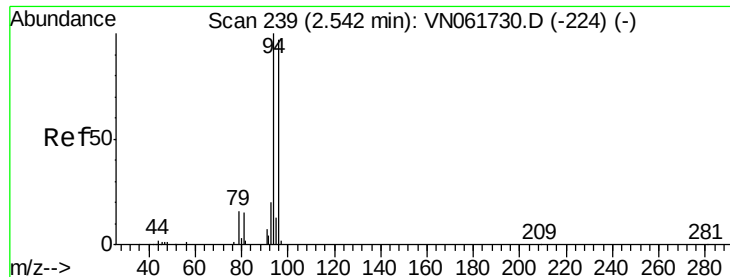
Tgt Ion: 62 Resp: 103847

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 19.420 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

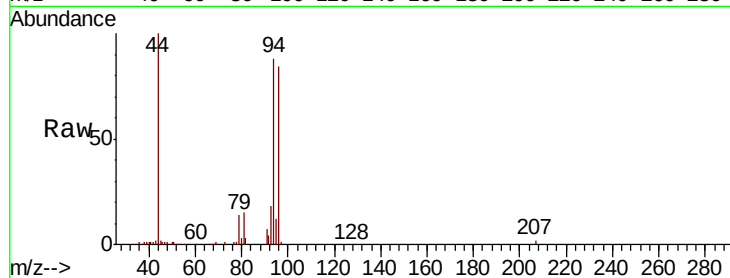
BFB

Tot Ion: 94 Resp: 68410

Ion Ratio Lower Upper

94 100

96 96.0 77.4 116.2



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.54

40000

30000

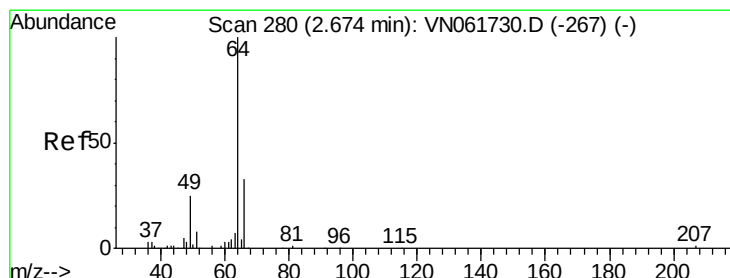
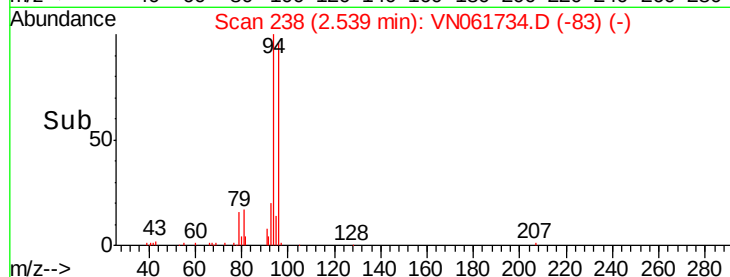
20000

10000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.748 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061734.D

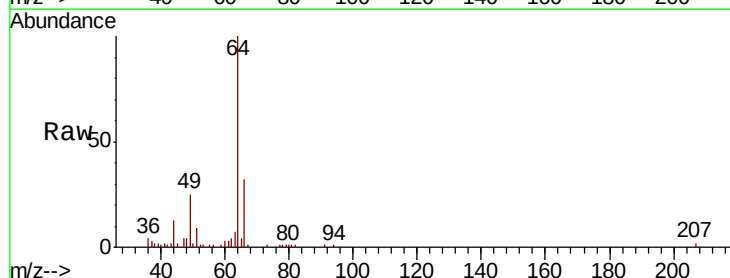
Acq: 10 Jun 2020 13:38

Tgt Ion: 64 Resp: 70450

Ion Ratio Lower Upper

64 100

66 32.3 26.6 39.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.67

40000

30000

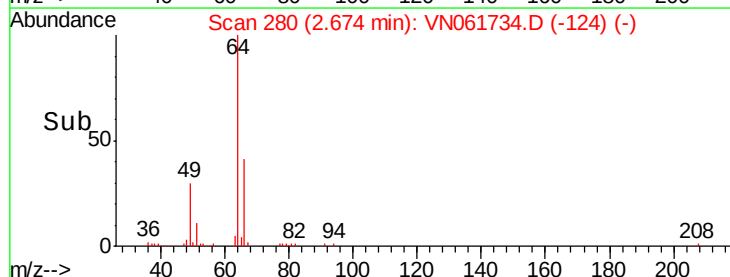
20000

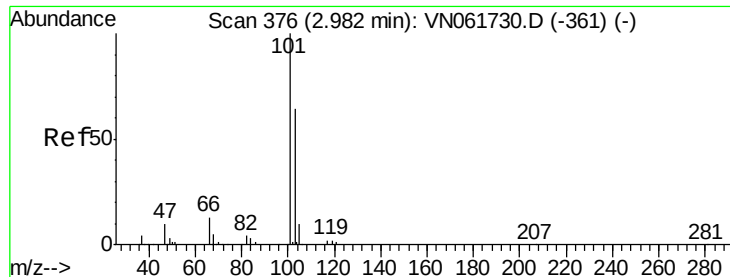
10000

0

Time-->

2.60 2.65 2.70 2.75



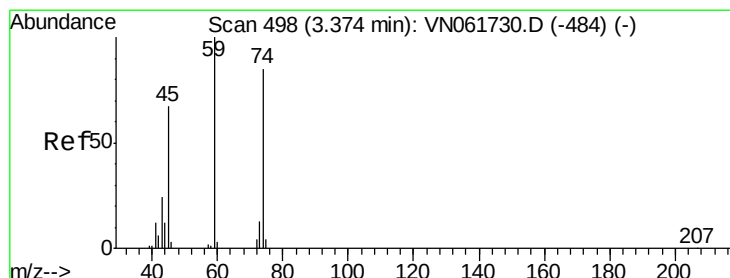
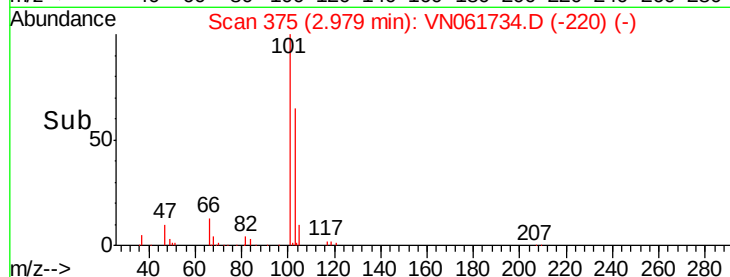
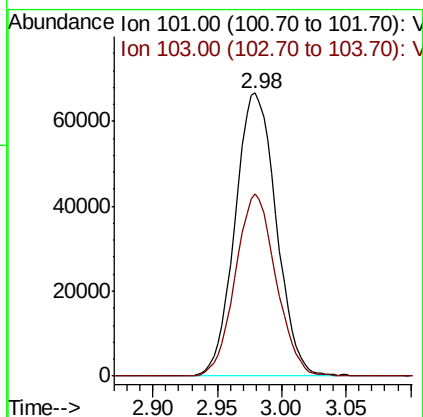
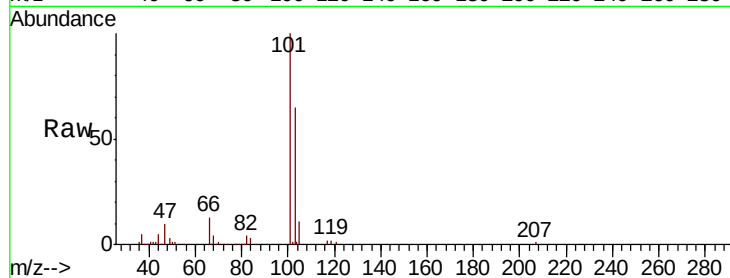


#7

Trichlorofluoromethane
Concen: 19.052 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
BFB

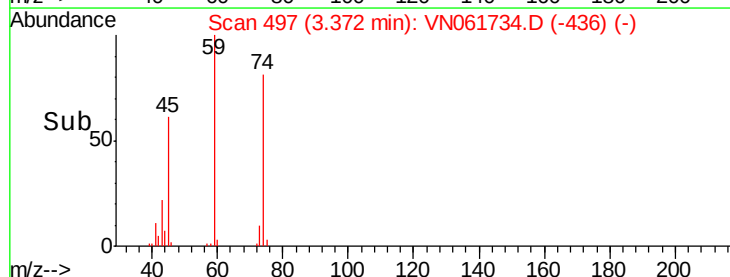
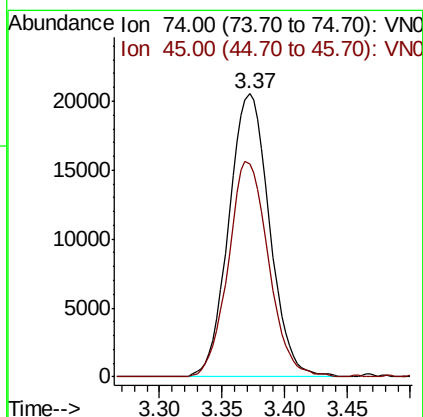
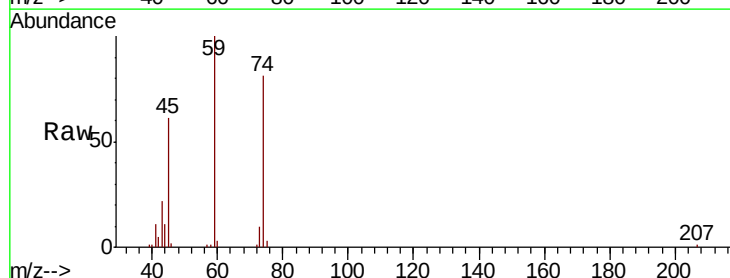
Tot Ion:101 Resp: 148203
Ion Ratio Lower Upper
101 100
103 64.6 51.1 76.7

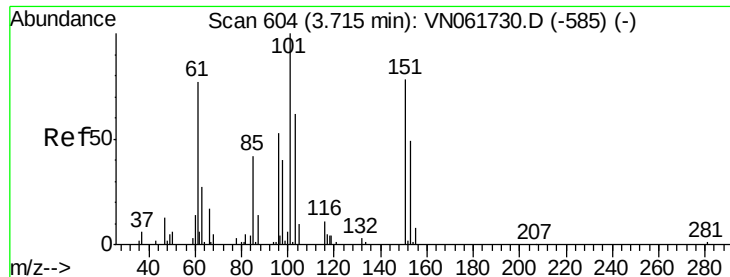


#8

Diethyl Ether
Concen: 19.119 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion: 74 Resp: 46391
Ion Ratio Lower Upper
74 100
45 75.1 15.4 138.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.353 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

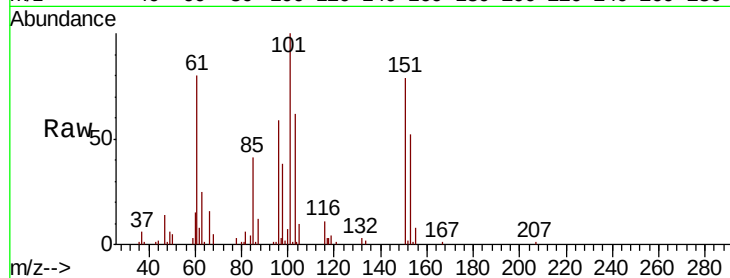
Tot Ion:101 Resp: 76996

Ion Ratio Lower Upper

101 100

85 42.3 0.0 84.8

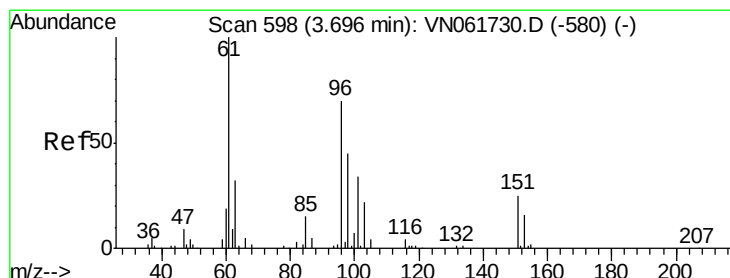
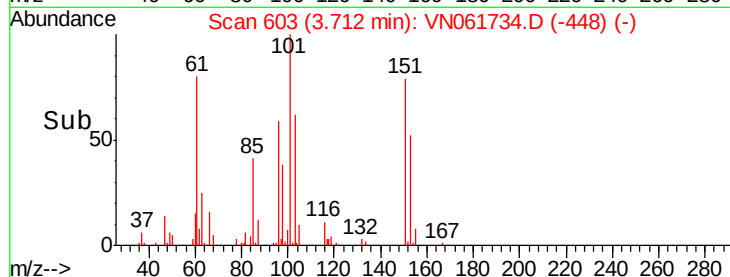
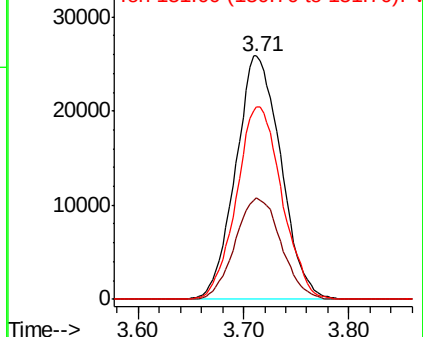
151 79.4 0.0 159.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.065 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

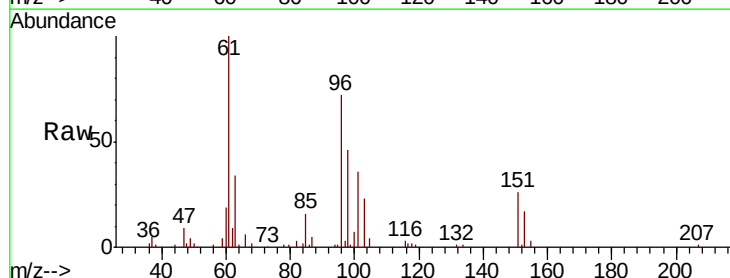
Tgt Ion: 96 Resp: 74733

Ion Ratio Lower Upper

96 100

61 138.9 114.9 172.3

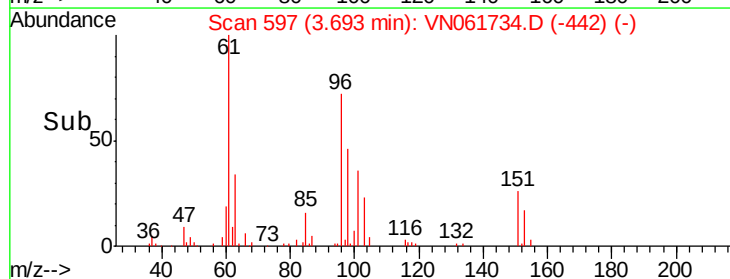
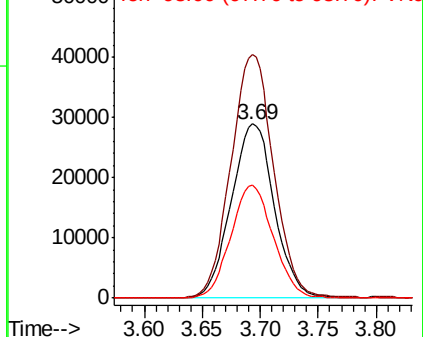
98 64.6 52.2 78.2

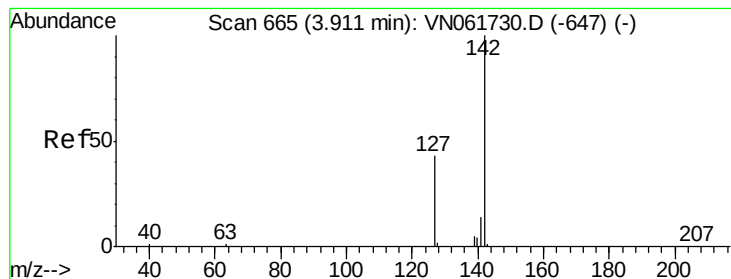


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#11

Methvl Iodide

Concen: 19.869 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

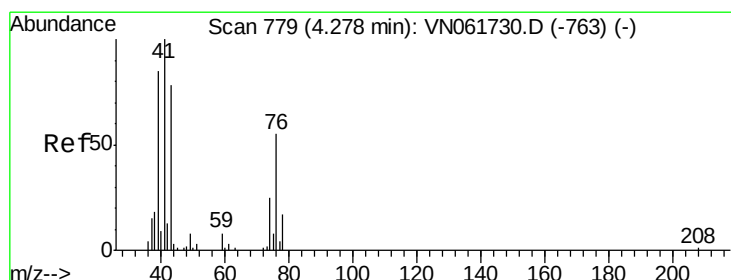
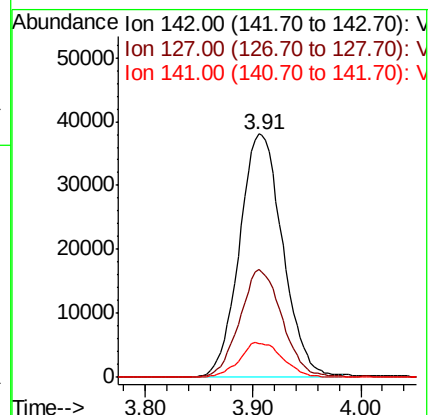
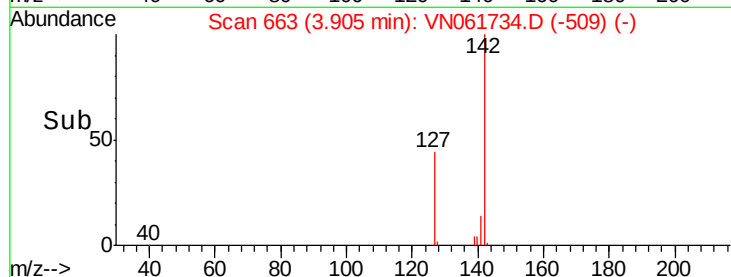
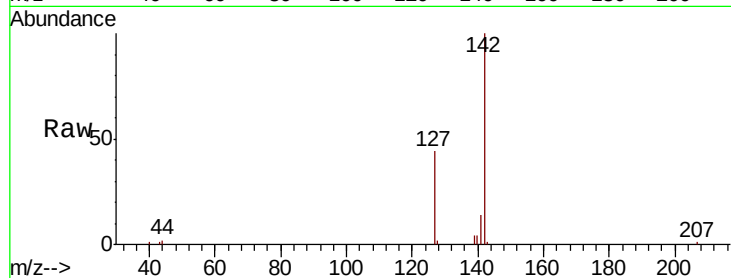
Tot Ion:142 Resp: 106138

Ion Ratio Lower Upper

142 100

127 44.4 21.6 64.6

141 13.8 7.2 21.6



#12

Methyl Acetate

Concen: 18.664 ug/l

RT: 4.28 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061734.D

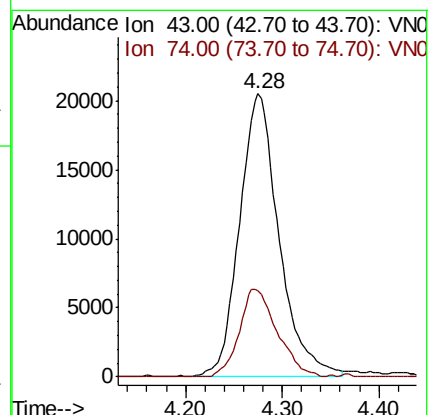
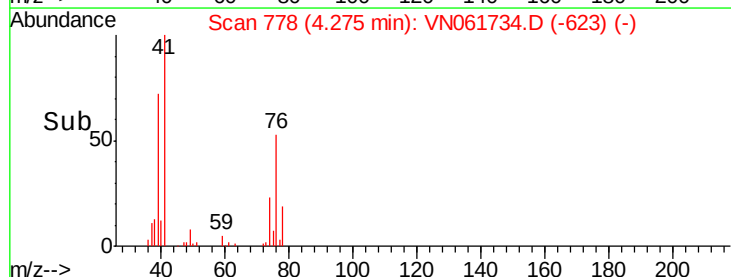
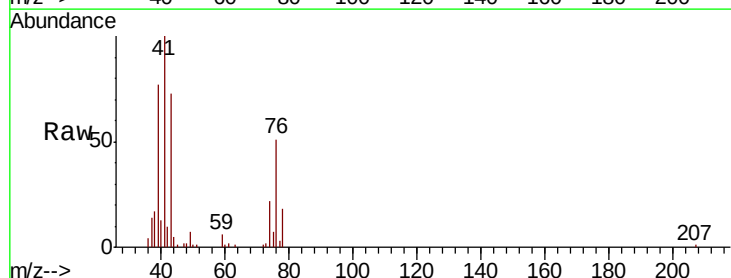
Acq: 10 Jun 2020 13:38

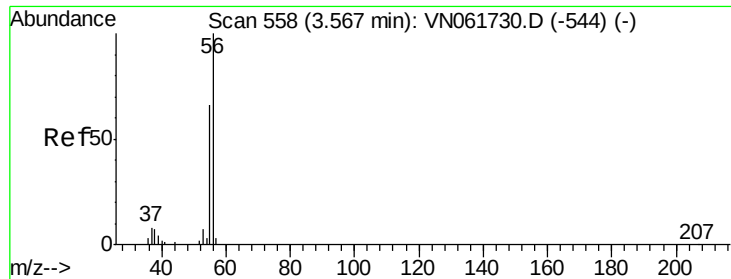
Tgt Ion: 43 Resp: 58215

Ion Ratio Lower Upper

43 100

74 30.3 25.8 38.6





#13

Acrolein

Concen: 99.074 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

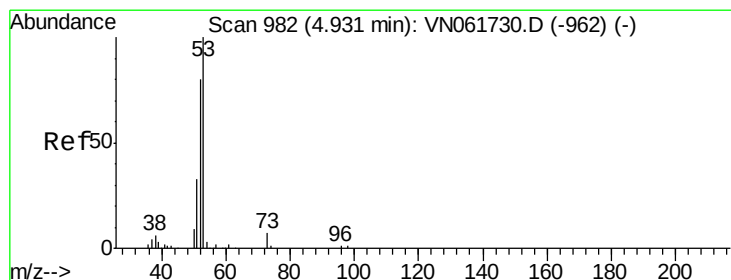
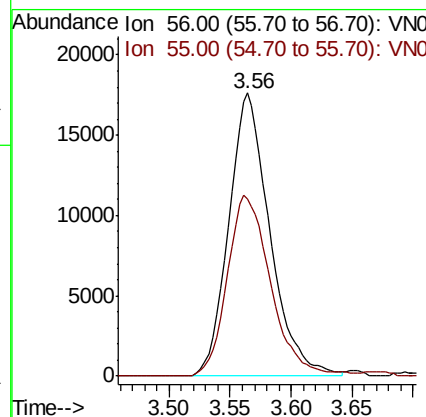
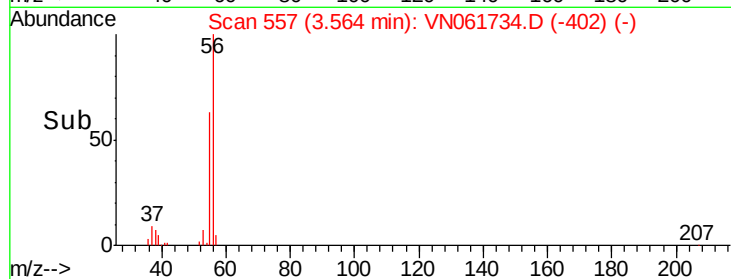
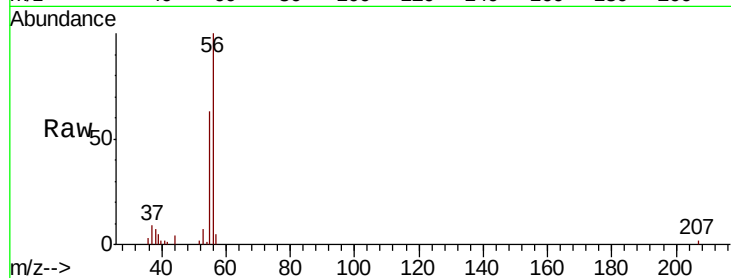
BFB

Tot Ion: 56 Resp: 41350

Ion Ratio Lower Upper

56 100

55 67.1 53.9 80.9



#14

Acrylonitrile

Concen: 89.600 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

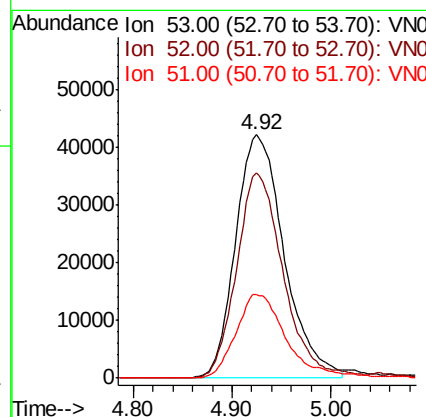
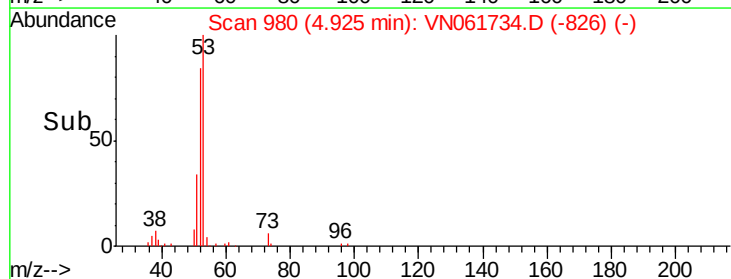
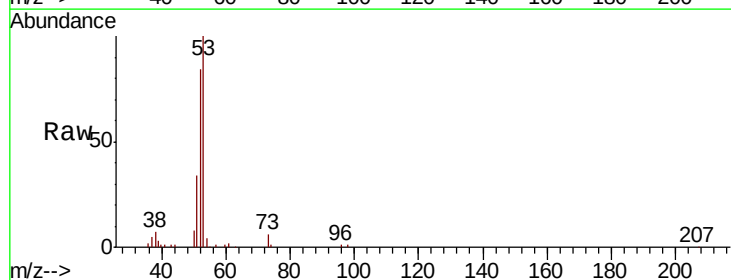
Tgt Ion: 53 Resp: 144238

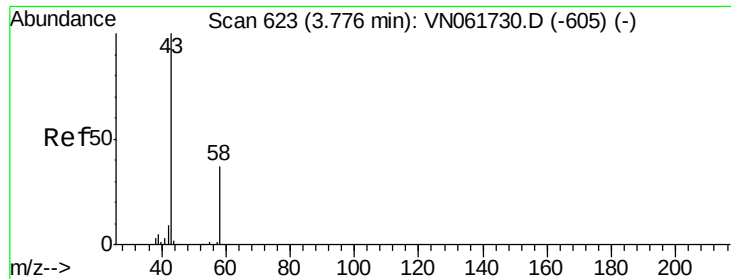
Ion Ratio Lower Upper

53 100

52 81.2 41.3 123.7

51 35.7 8.0 23.8#





#15

Acetone

Concen: 102.604 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

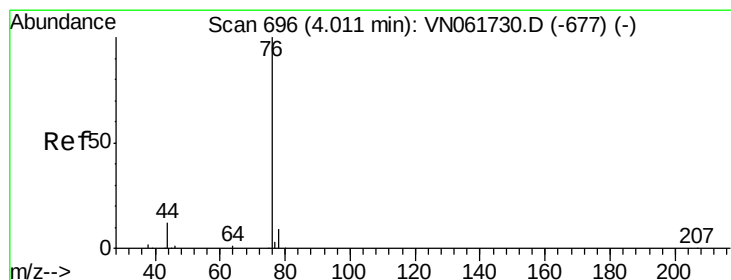
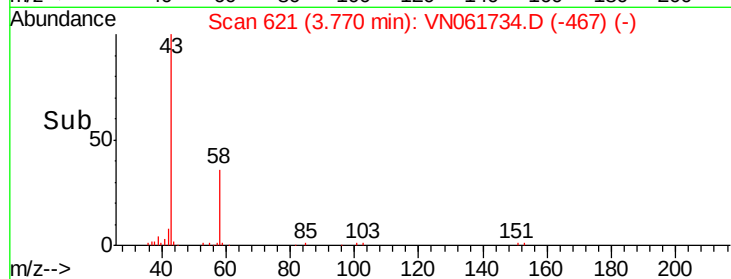
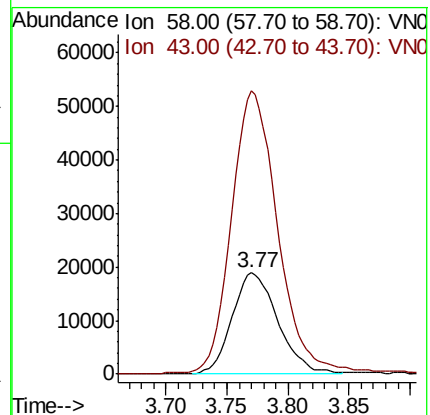
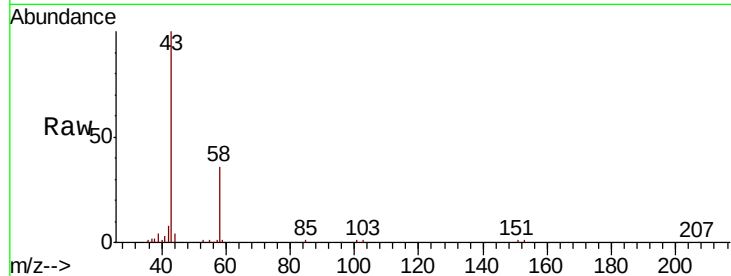
BFB

Tot Ion: 58 Resp: 49392

Ion Ratio Lower Upper

58 100

43 277.0 213.7 320.5



#16

Carbon Disulfide

Concen: 21.888 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.01 min

Lab File: VN061734.D

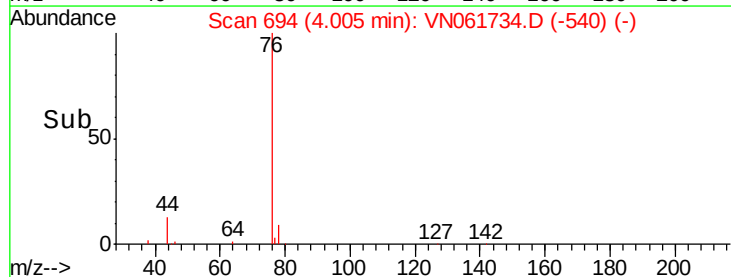
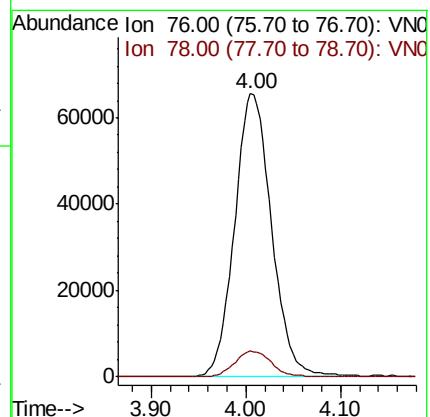
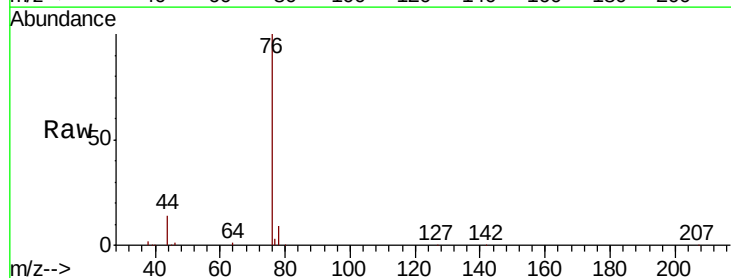
Acq: 10 Jun 2020 13:38

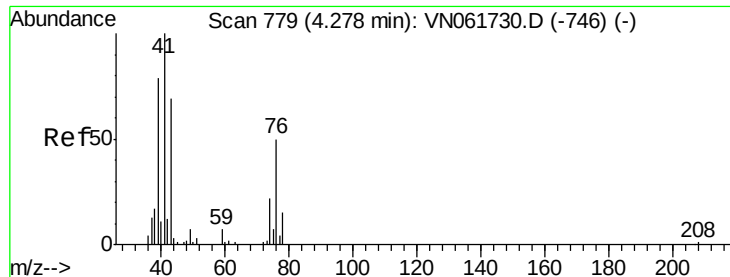
Tgt Ion: 76 Resp: 177699

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

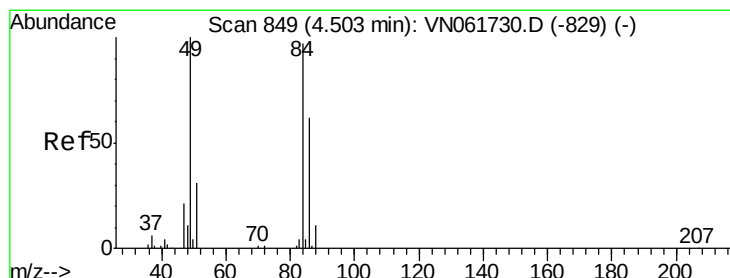
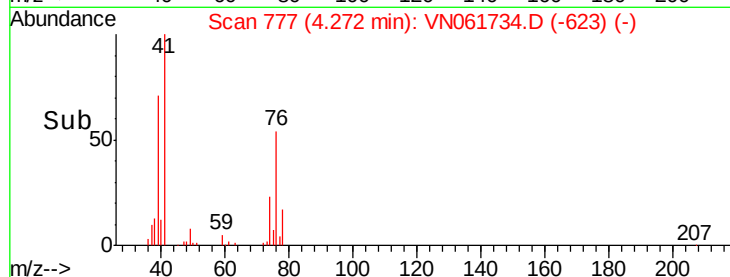
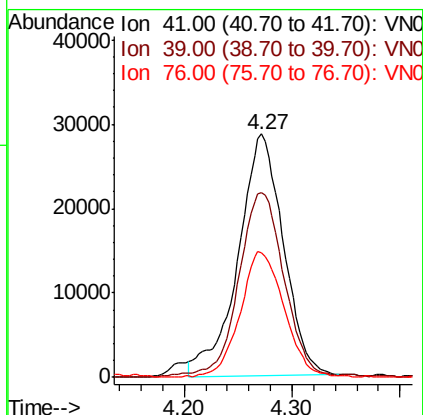
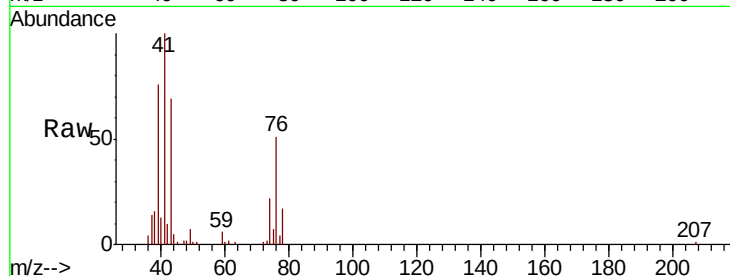




#17
Allvl chloride
Concen: 18.643 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

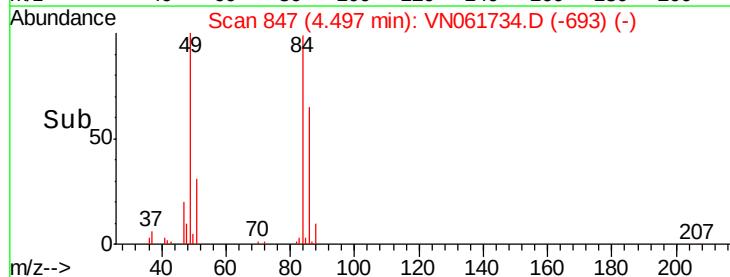
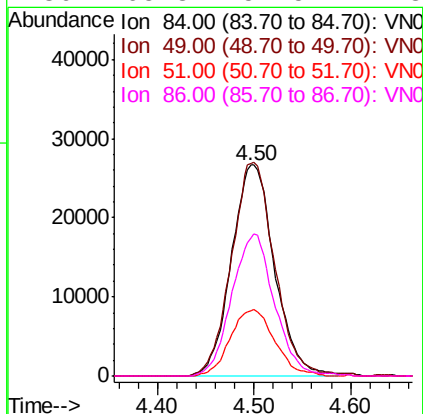
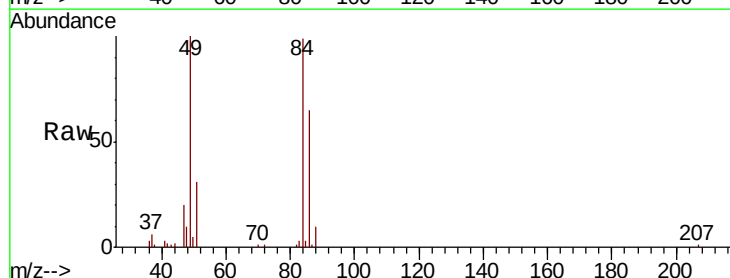
Instrument :
MSVOA_N
ClientSampleId :
BFB

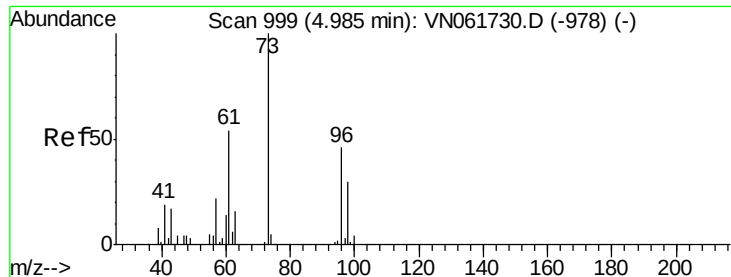
Tot Ion: 41 Resp: 83244
Ion Ratio Lower Upper
41 100
39 75.6 39.5 118.5
76 51.4 24.9 74.7



#18
Methylene Chloride
Concen: 18.341 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion: 84 Resp: 82500
Ion Ratio Lower Upper
84 100
49 101.0 82.6 124.0
51 31.2 25.4 38.0
86 65.3 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 19.219 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

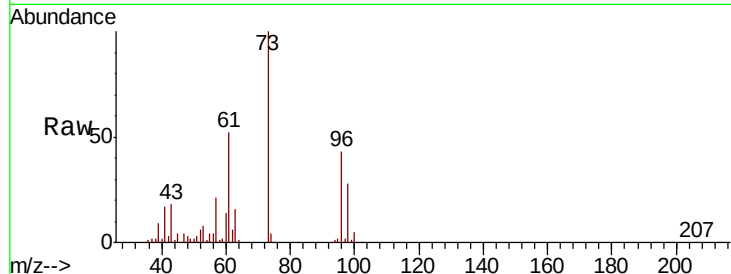
Tot Ion: 96 Resp: 83772

Ion Ratio Lower Upper

96 100

61 120.5 95.4 143.0

98 65.2 52.6 79.0

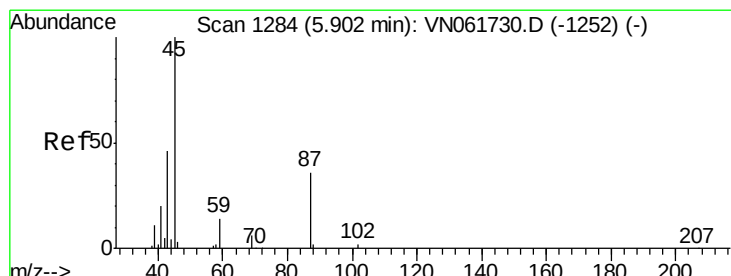
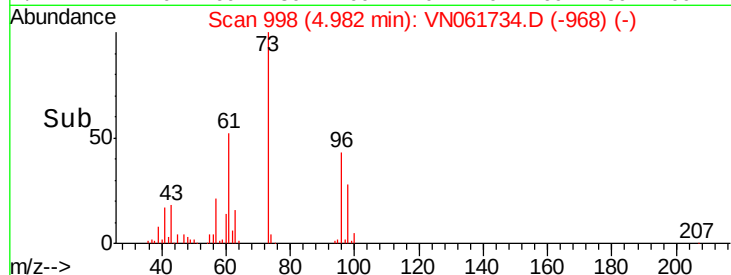
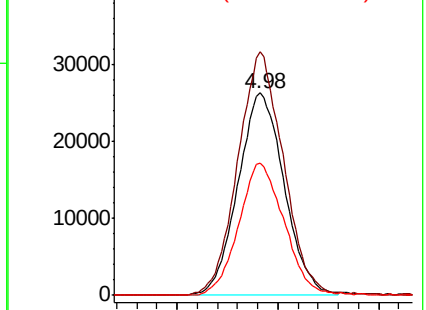


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 18.705 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Tgt Ion: 45 Resp: 199530

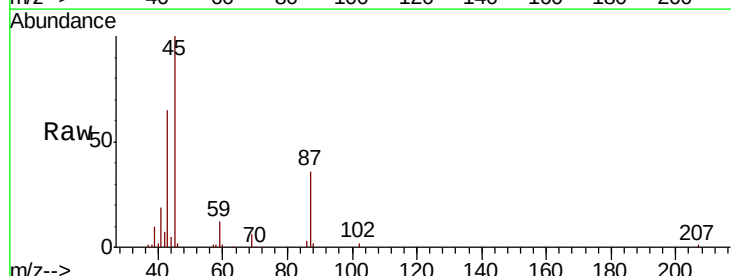
Ion Ratio Lower Upper

45 100

43 62.3 50.7 76.1

87 36.2 30.1 45.1

59 11.9 11.0 16.4



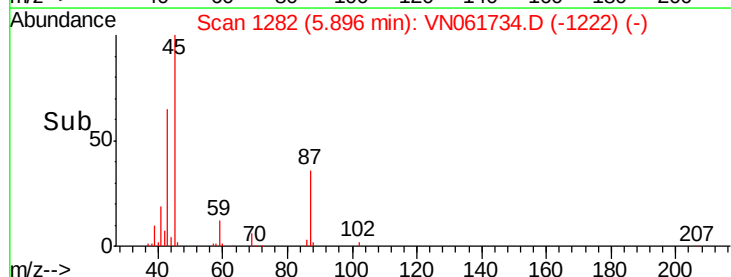
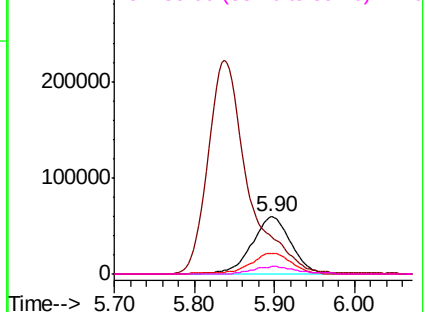
Abundance

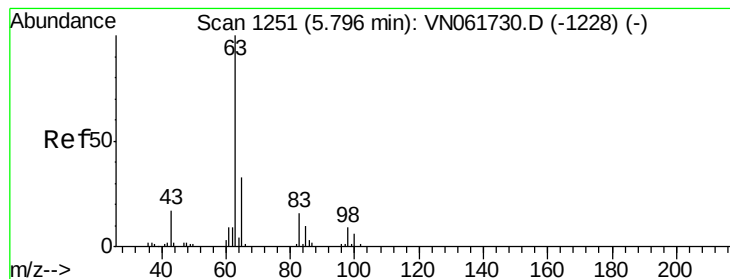
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 18.171 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

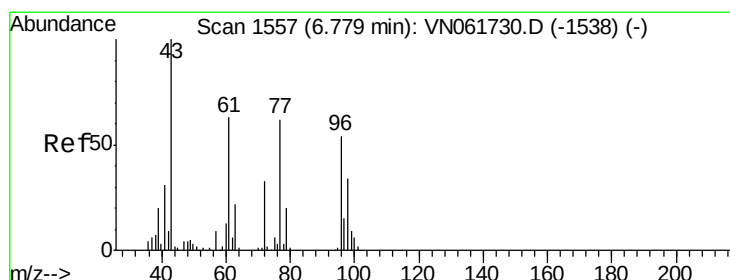
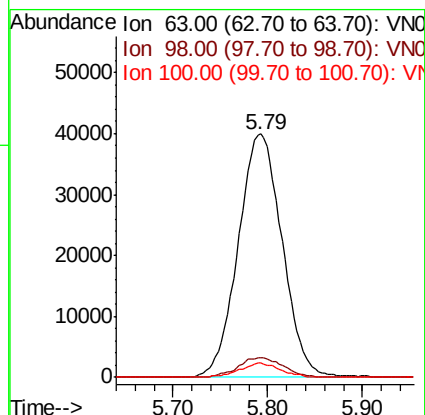
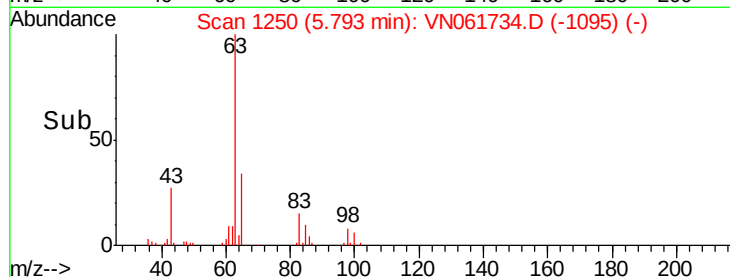
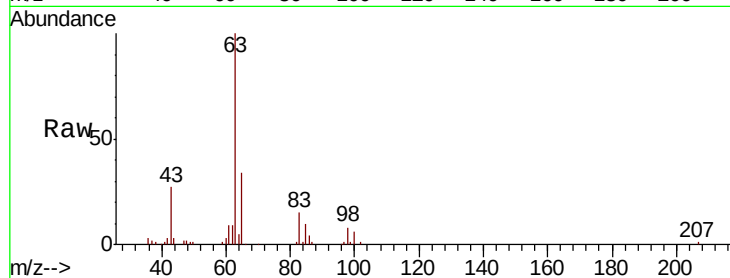
Tot Ion: 63 Resp: 128877

Ion Ratio Lower Upper

63 100

98 8.3 4.5 13.7

100 5.8 2.9 8.7



#22

cis-1,2-Dichloroethene

Concen: 18.374 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

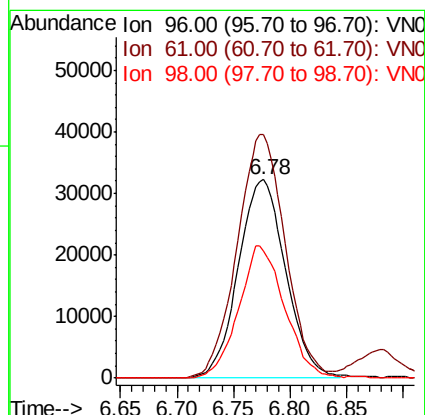
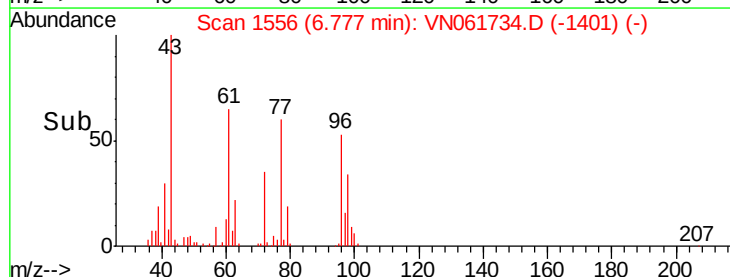
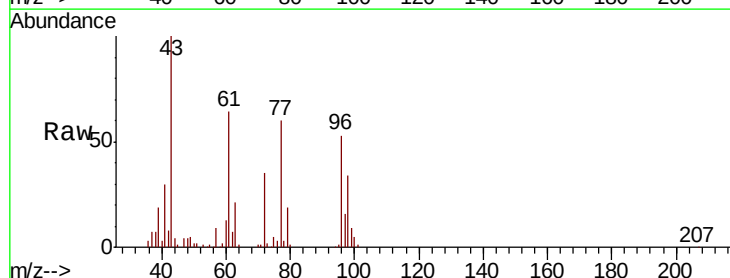
Tgt Ion: 96 Resp: 93936

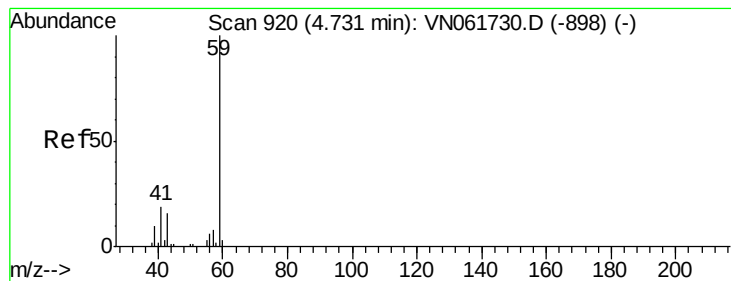
Ion Ratio Lower Upper

96 100

61 124.2 100.6 151.0

98 64.6 52.6 79.0



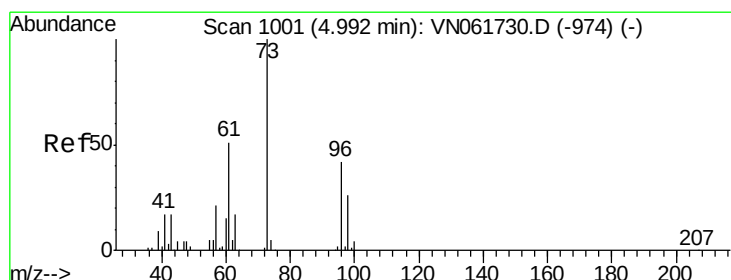
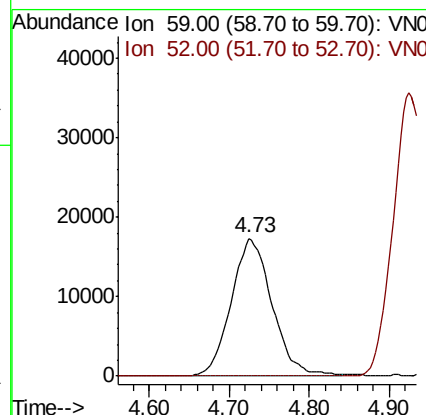
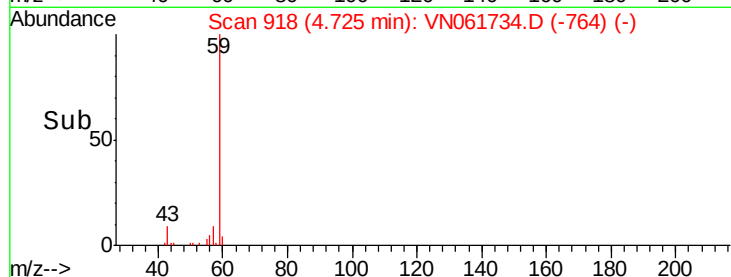
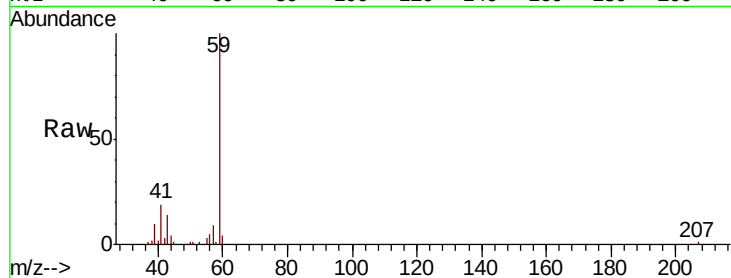


#23

tert-Butyl Alcohol
 Concen: 97.096 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

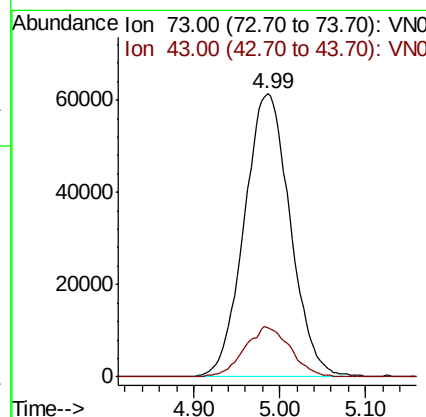
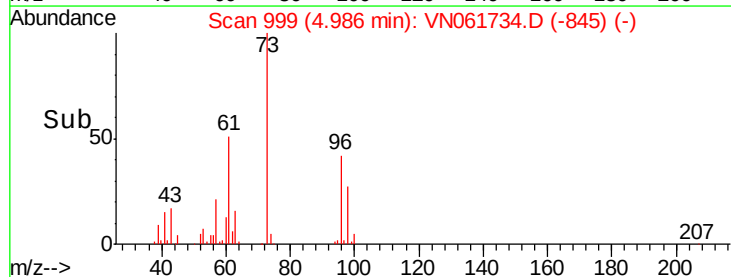
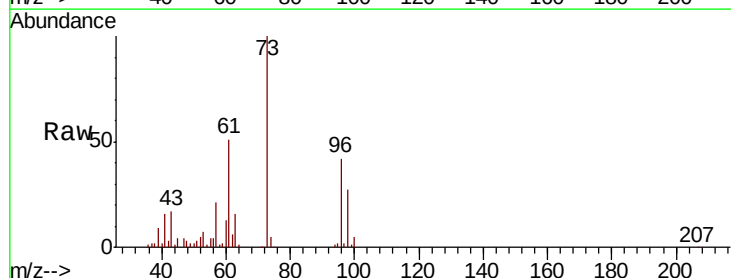
Tot Ion: 59 Resp: 60444
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

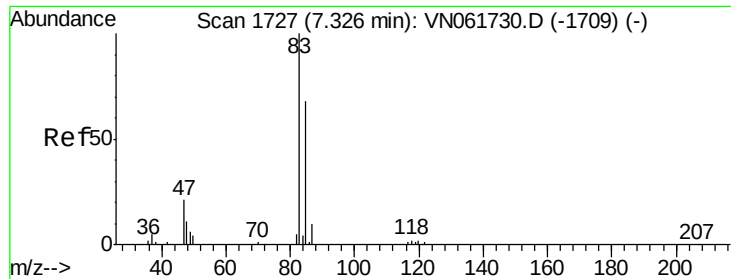


#24

Methyl tert-Butyl Ether
 Concen: 18.241 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion: 73 Resp: 227933
 Ion Ratio Lower Upper
 73 100
 43 11.9 7.0 10.4#

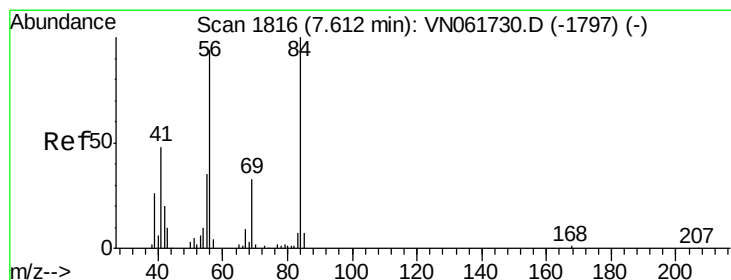
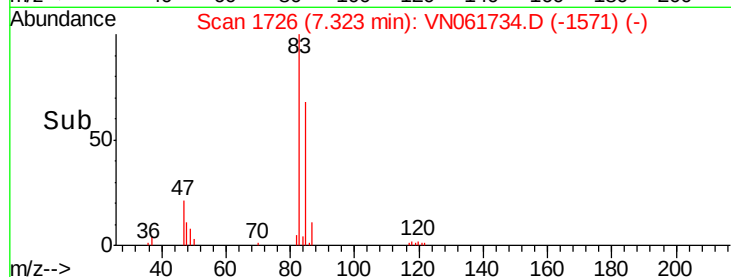
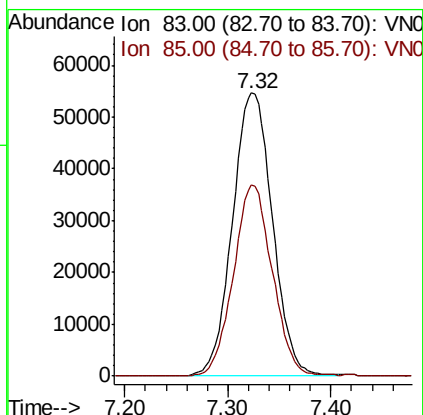
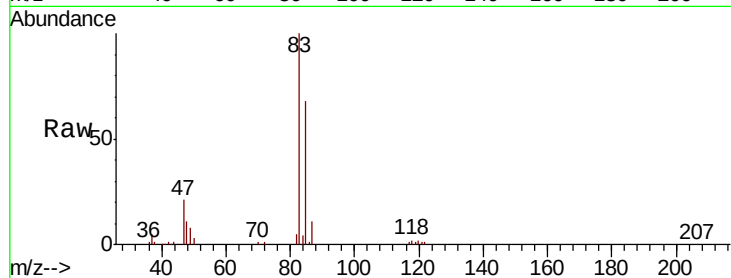




#25
Chloroform
Concen: 18.366 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

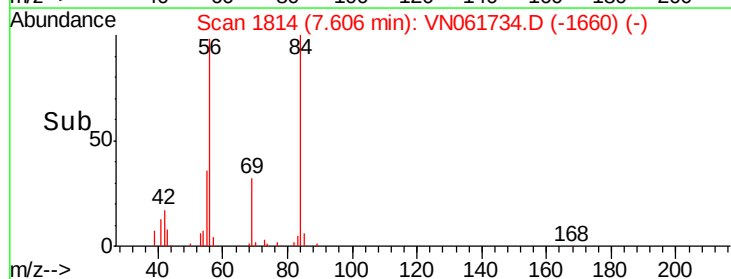
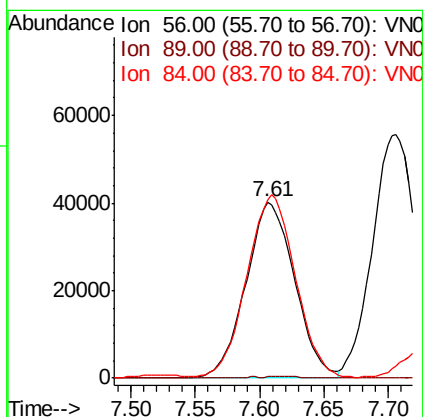
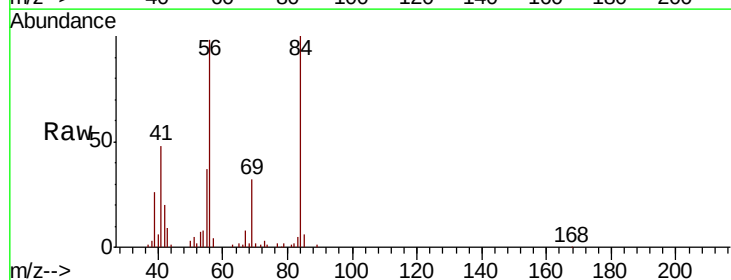
Instrument :
MSVOA_N
ClientSampled :
BFB

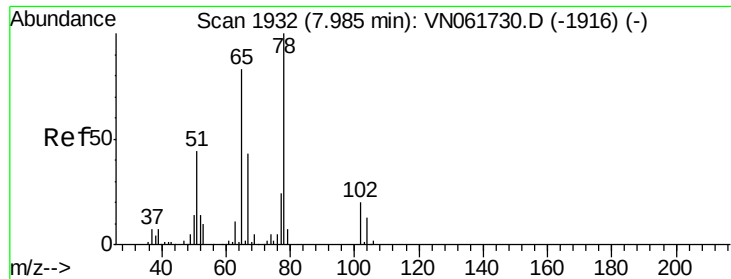
Tot Ion: 83 Resp: 147573
Ion Ratio Lower Upper
83 100
85 67.3 54.2 81.4



#26
Cyclohexane
Concen: 19.615 ug/l
RT: 7.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion: 56 Resp: 106231
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 104.1 83.5 125.3

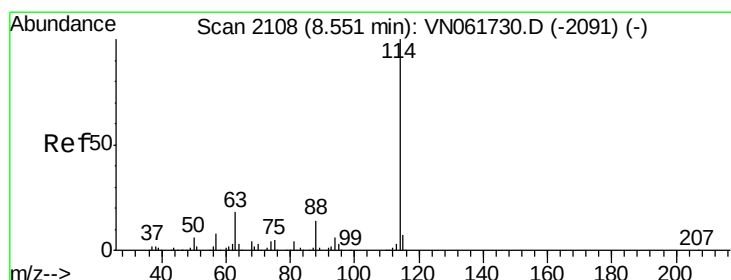
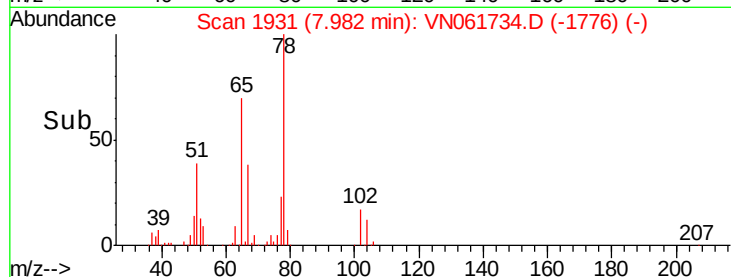
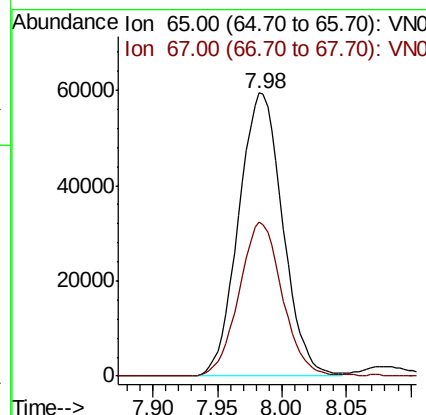
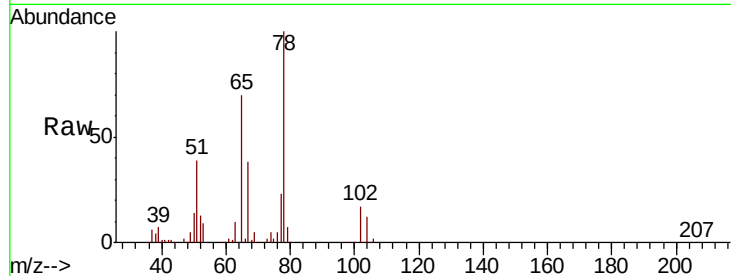




#27
 1,2-Dichloroethane-d4
 Concen: 29.140 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

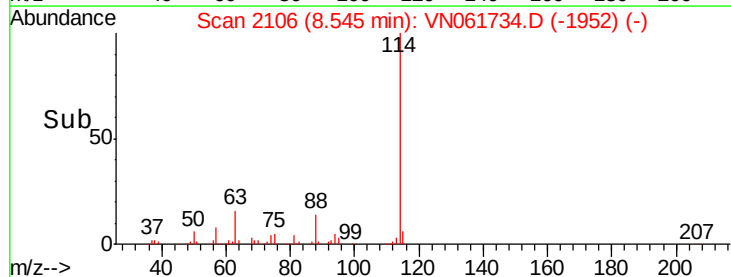
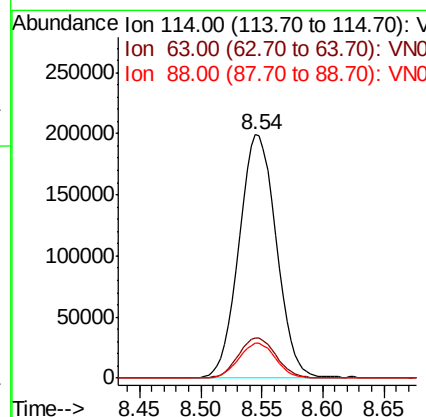
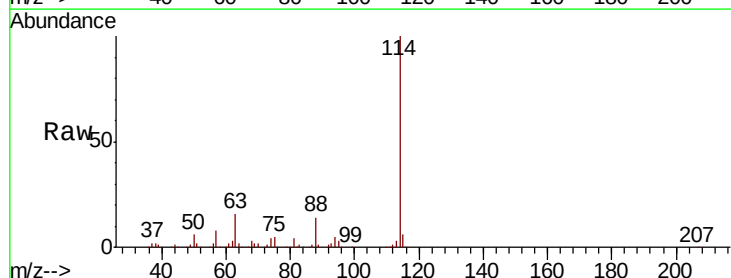
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

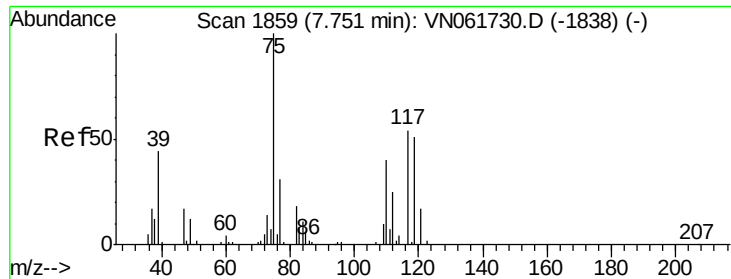
Tot Ion: 65 Resp: 141674
 Ion Ratio Lower Upper
 65 100
 67 53.0 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion: 114 Resp: 422205
 Ion Ratio Lower Upper
 114 100
 63 16.7 14.2 21.2
 88 14.2 11.4 17.2

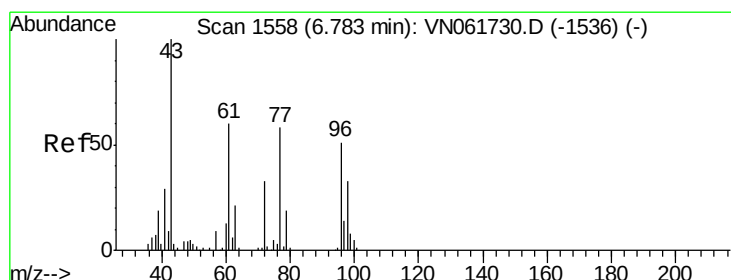
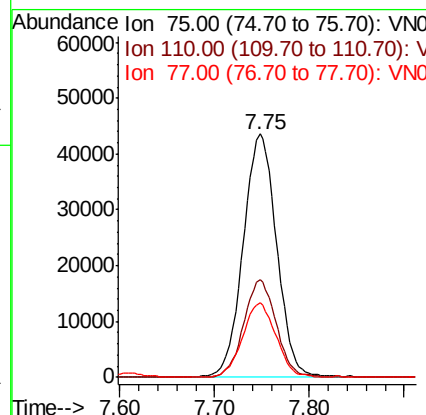
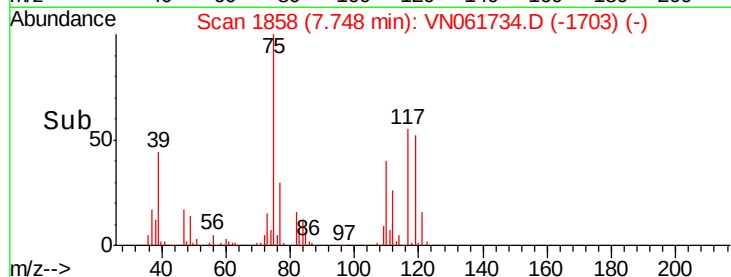
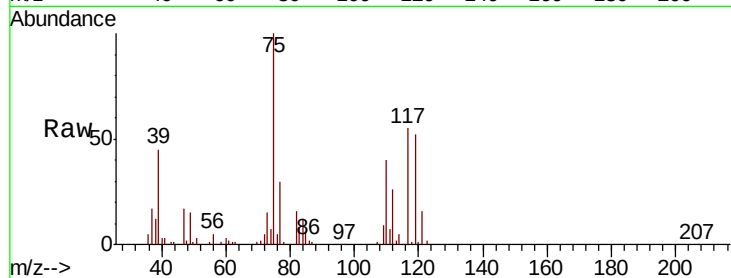




#29
 1,1-Dichloropropene
 Concen: 18.928 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

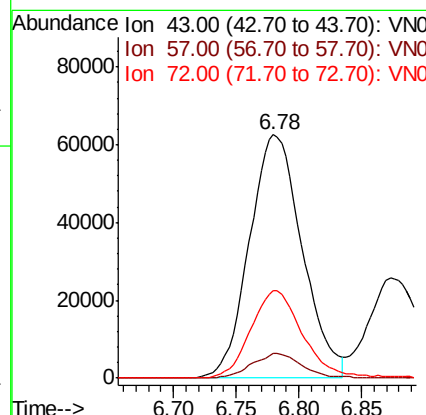
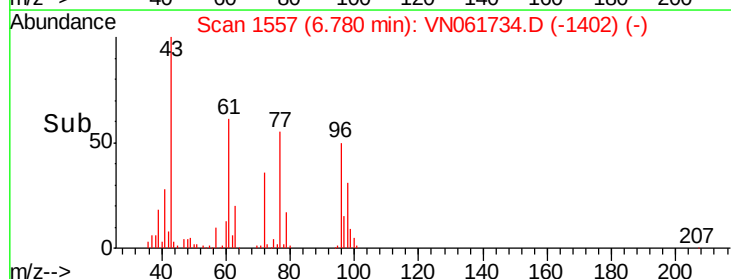
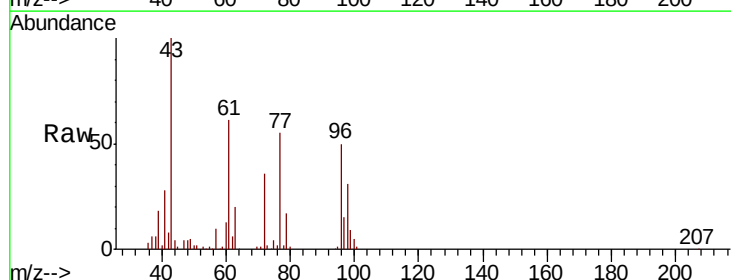
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

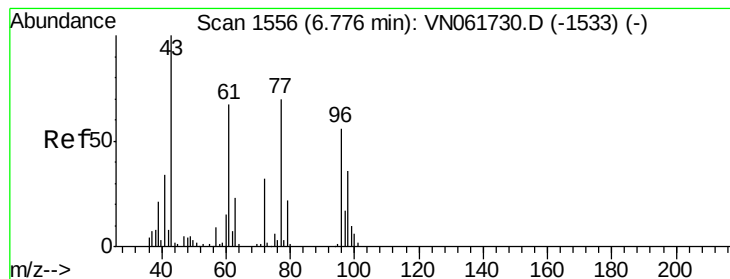
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.8	0.0	78.6
77	30.5	0.0	62.4



#30
 2-Butanone
 Concen: 93.287 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.5	7.6	11.4
72	35.0	27.8	41.6

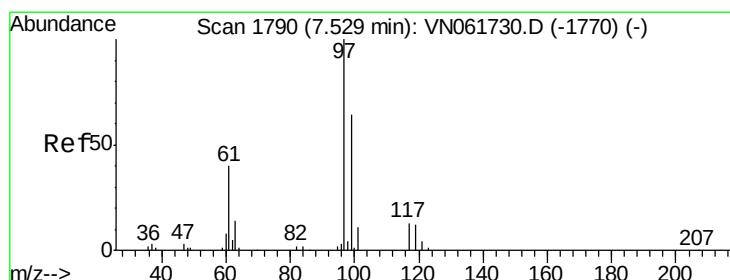
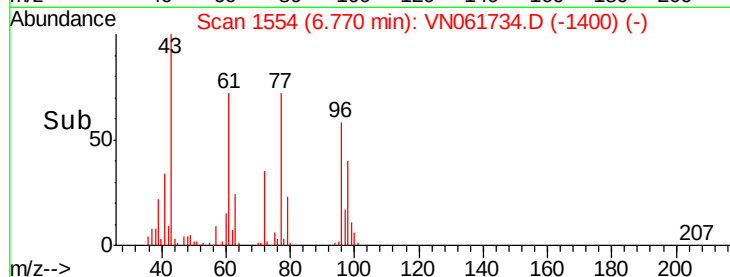
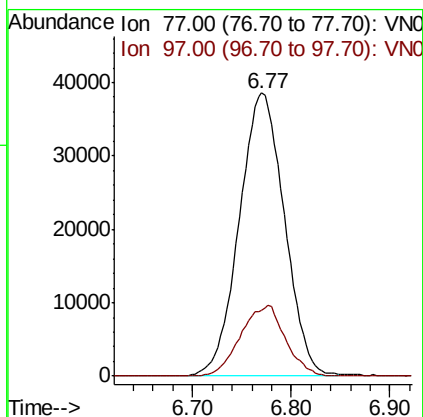
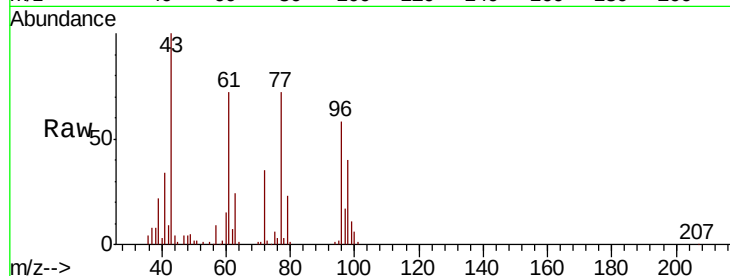




#31
 2,2-Dichloropropane
 Concen: 18.416 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

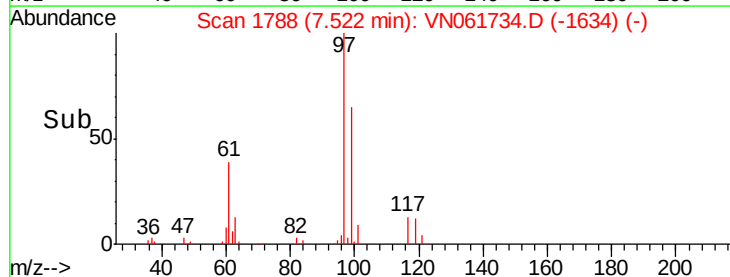
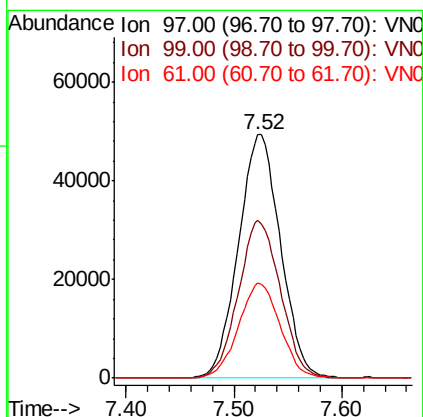
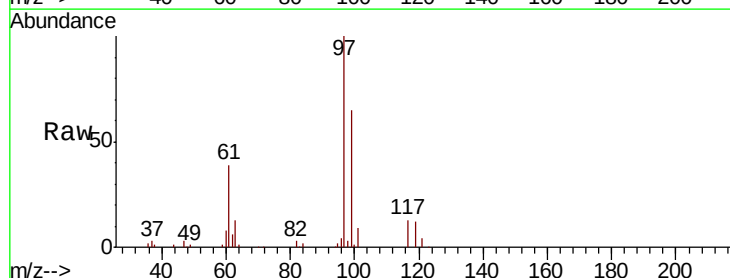
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

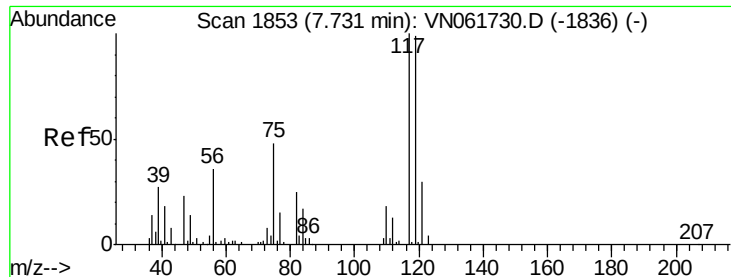
Tot Ion: 77 Resp: 122321
 Ion Ratio Lower Upper
 77 100
 97 24.7 19.6 29.4



#32
 1,1,1-Trichloroethane
 Concen: 18.451 ug/l
 RT: 7.52 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion: 97 Resp: 133663
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.9 77.9
 61 38.4 32.3 48.5





#33

Carbon Tetrachloride

Concen: 18.212 ug/l

RT: 7.73 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

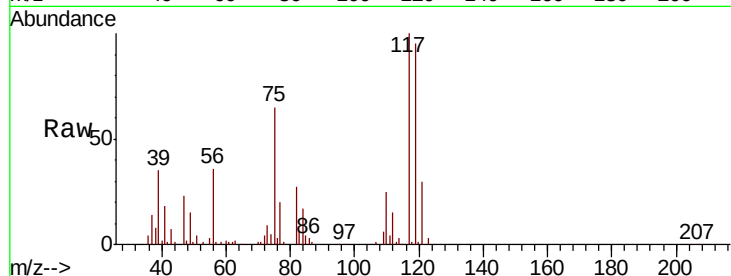
Tot Ion:117 Resp: 107421

Ion Ratio Lower Upper

117 100

119 95.3 79.3 118.9

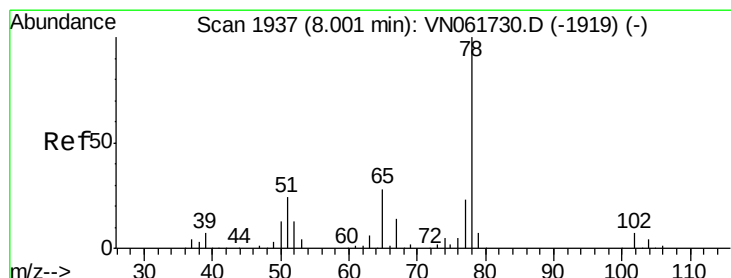
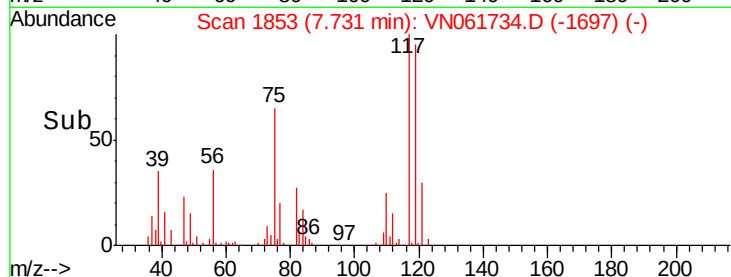
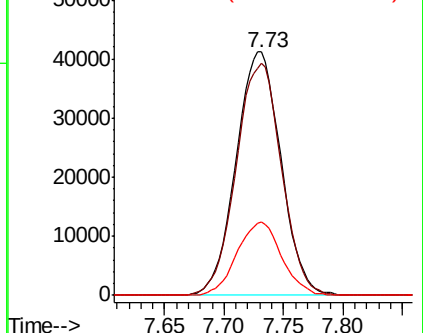
121 30.2 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.617 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

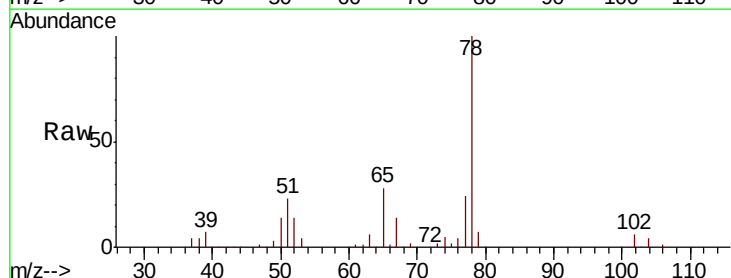
Tgt Ion: 78 Resp: 329253

Ion Ratio Lower Upper

78 100

77 23.7 18.4 27.6

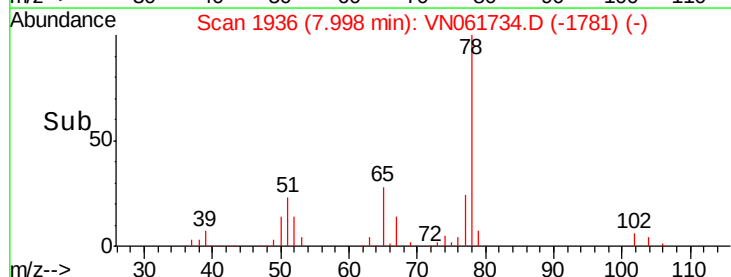
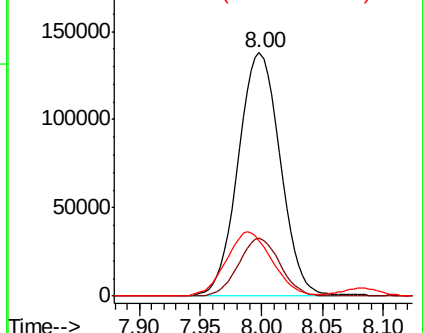
51 22.6 19.1 28.7

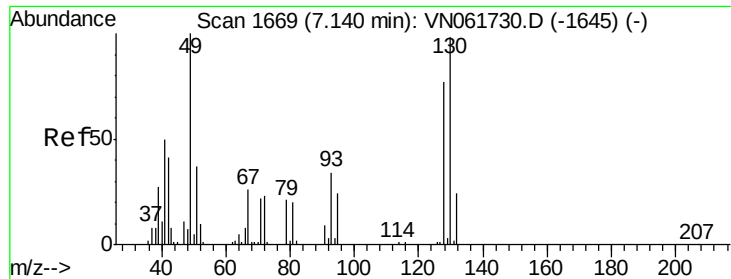


Abundance Ion 78.10 (77.80 to 78.80): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

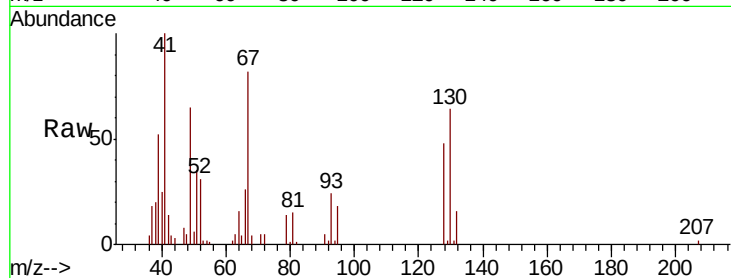




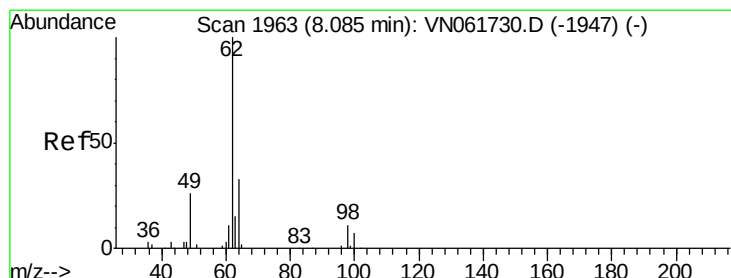
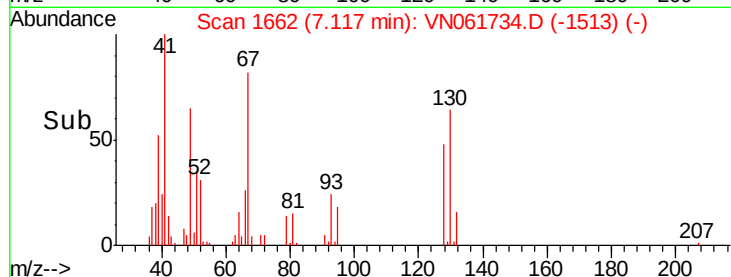
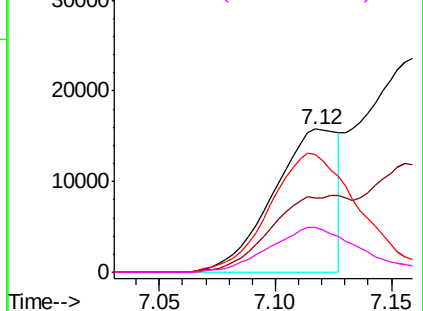
#35
Methacrylonitrile
Concen: 16.744 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.02 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 41 Resp: 30560
Ion Ratio Lower Upper
41 100
39 52.3 26.5 79.5
67 82.3 25.4 76.2#
52 30.9 10.4 31.2

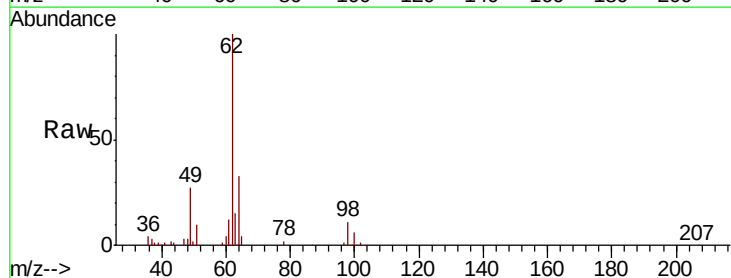


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

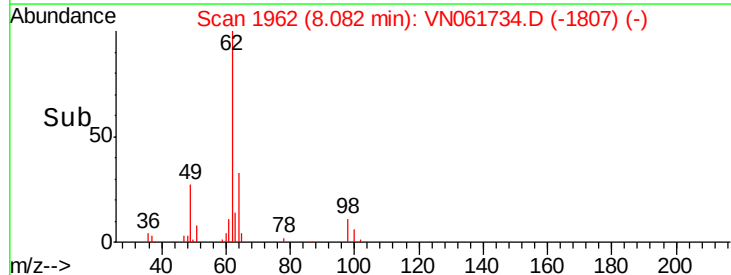
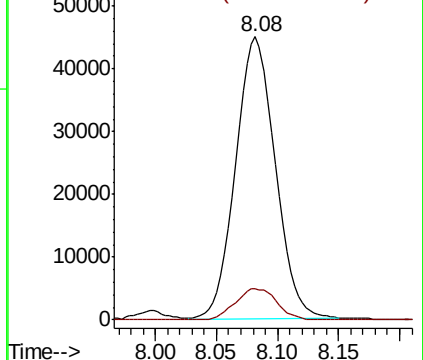


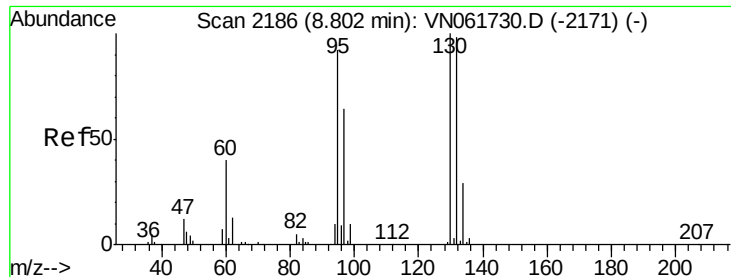
#36
1,2-Dichloroethane
Concen: 17.706 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion: 62 Resp: 101202
Ion Ratio Lower Upper
62 100
98 11.5 9.4 14.2



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 18.210 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

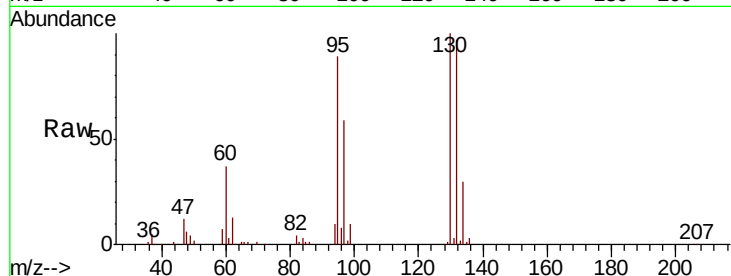
BFB

Tot Ion:130 Resp: 100451

Ion Ratio Lower Upper

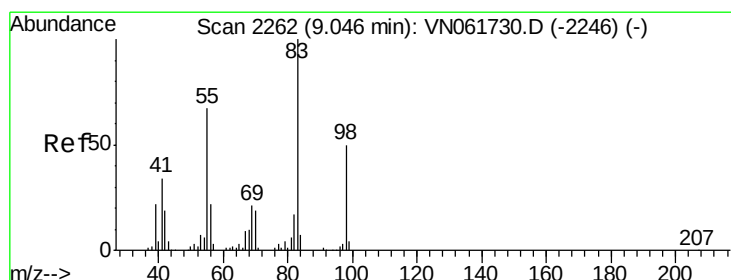
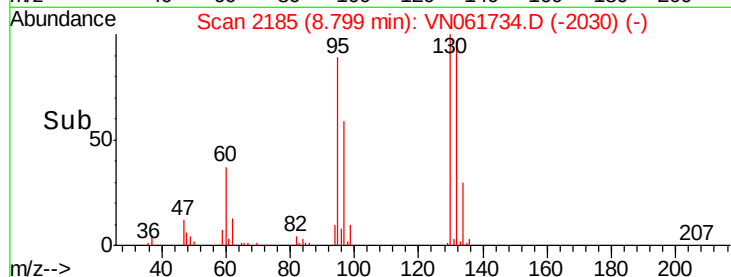
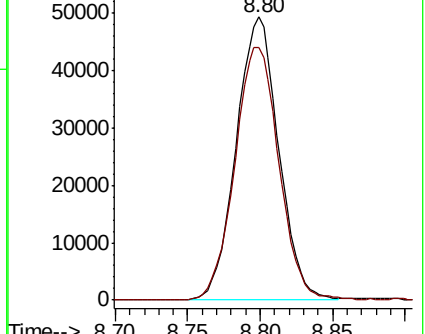
130 100

95 89.1 73.9 110.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.477 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

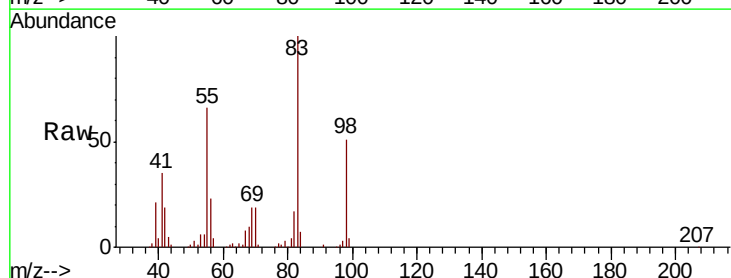
Tgt Ion: 83 Resp: 123682

Ion Ratio Lower Upper

83 100

55 65.0 32.7 98.1

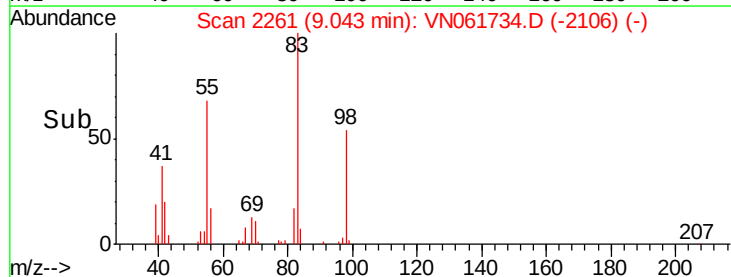
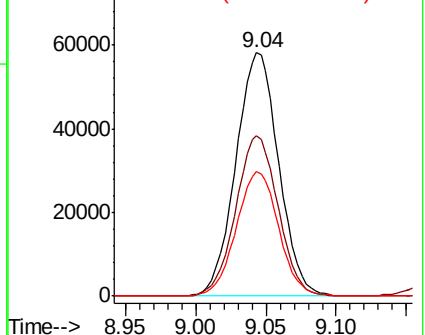
98 50.8 25.4 76.4

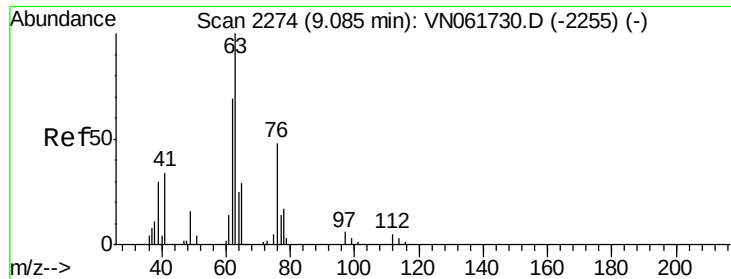


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 18.274 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

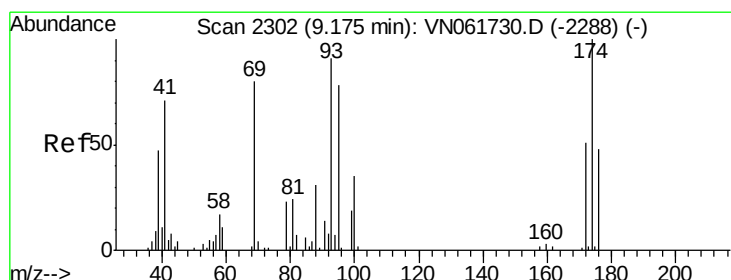
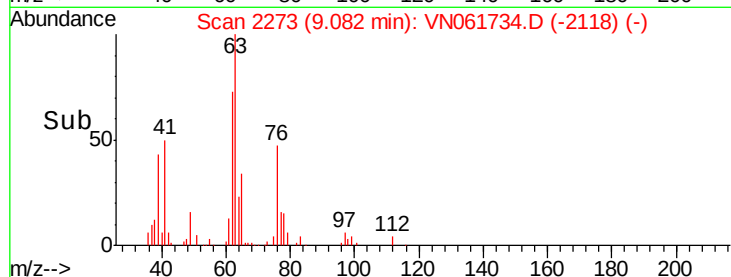
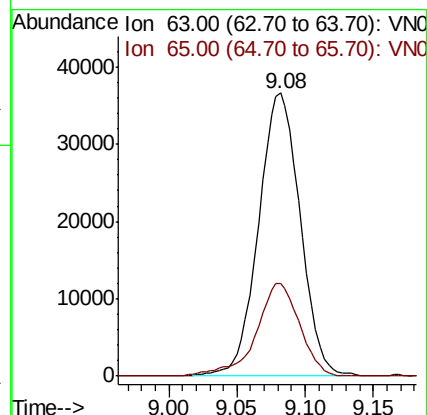
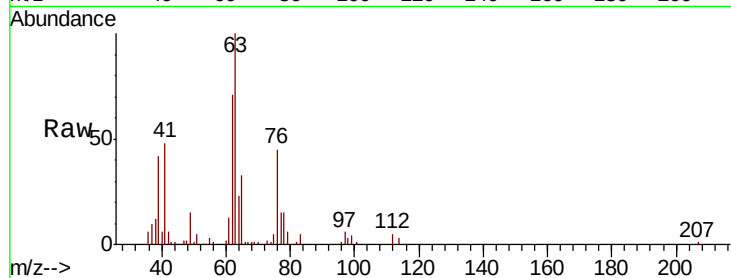
BFB

Tot Ion: 63 Resp: 77409

Ion Ratio Lower Upper

63 100

65 32.7 24.3 36.5



#40

Dibromomethane

Concen: 18.270 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

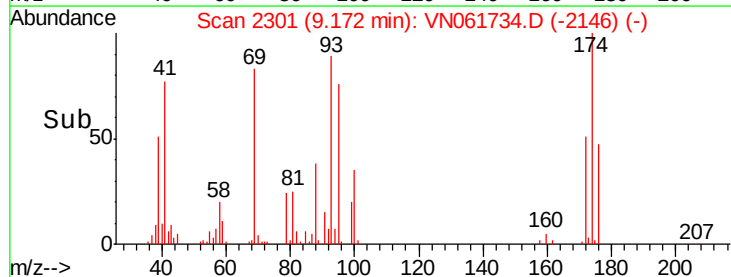
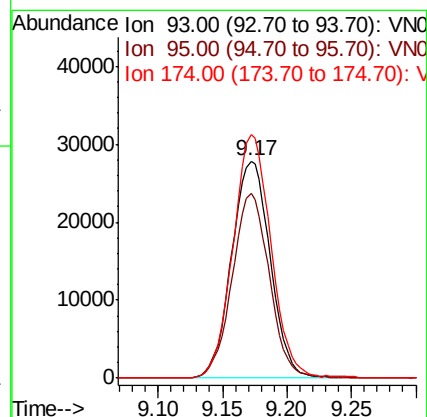
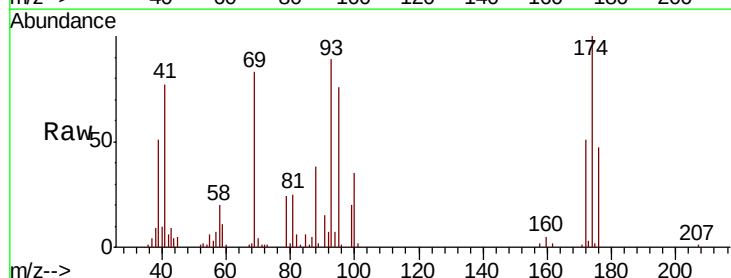
Tgt Ion: 93 Resp: 58047

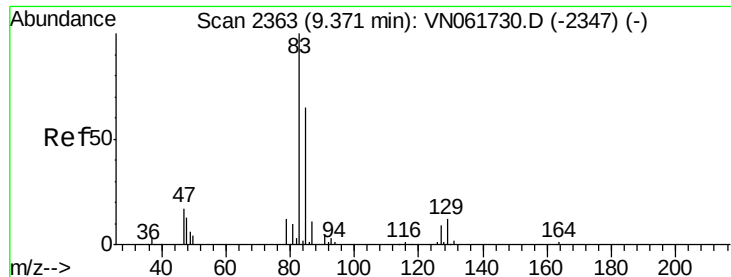
Ion Ratio Lower Upper

93 100

95 81.6 0.0 165.8

174 109.9 0.0 217.8





#41

Bromodichloromethane

Concen: 18.151 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

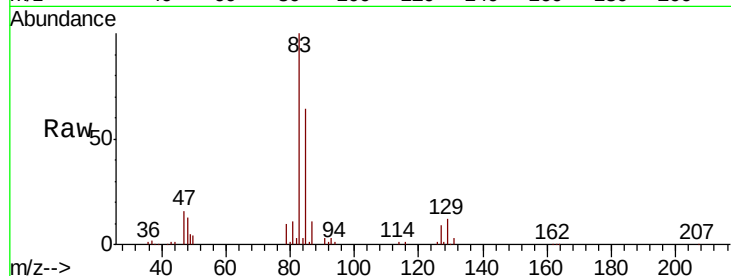
Tot Ion: 83 Resp: 116989

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.4

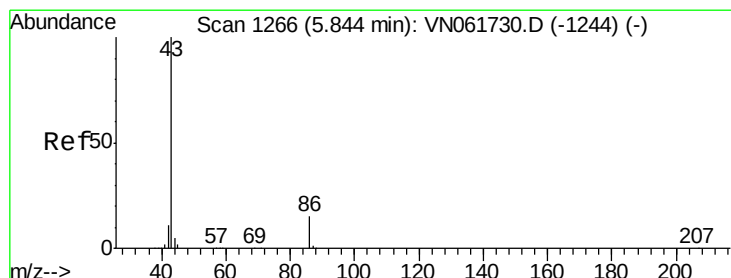
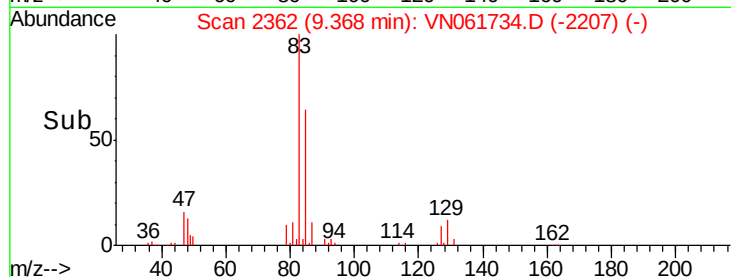
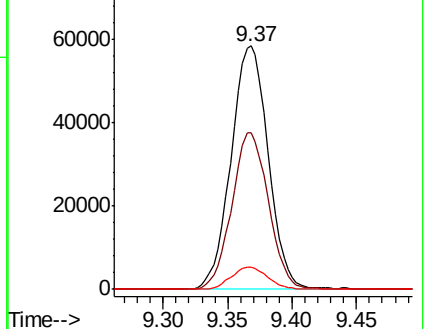
127 9.9 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN061734.D (-2347) (-)

Ion 85.00 (84.70 to 85.70): VN061734.D (-2347) (-)

Ion 127.00 (126.70 to 127.70): VN061734.D (-2347) (-)



#42

Vinyl Acetate

Concen: 93.865 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN061734.D

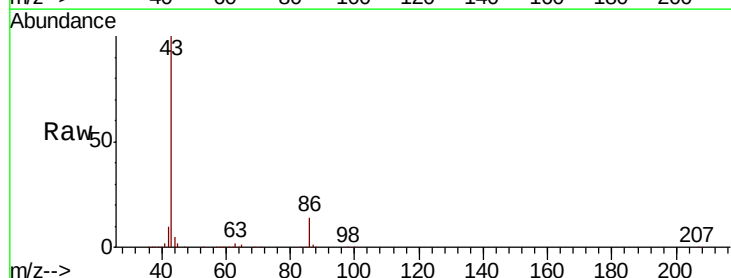
Acq: 10 Jun 2020 13:38

Tgt Ion: 43 Resp: 760948

Ion Ratio Lower Upper

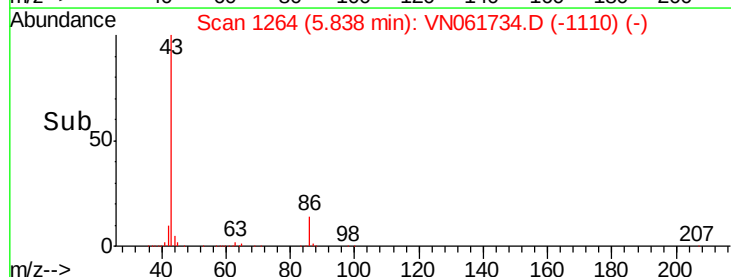
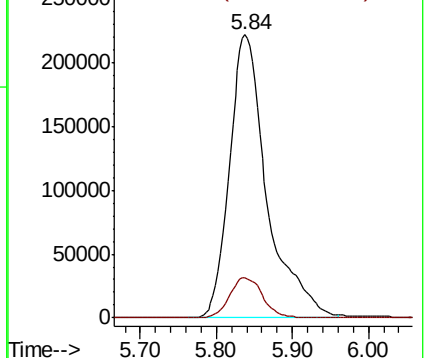
43 100

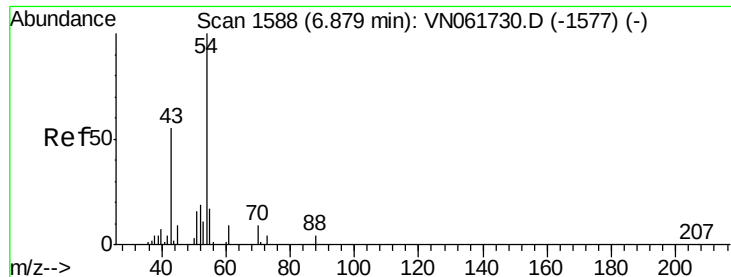
86 12.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN061734.D (-1110) (-)

Ion 86.00 (85.70 to 86.70): VN061734.D (-1110) (-)

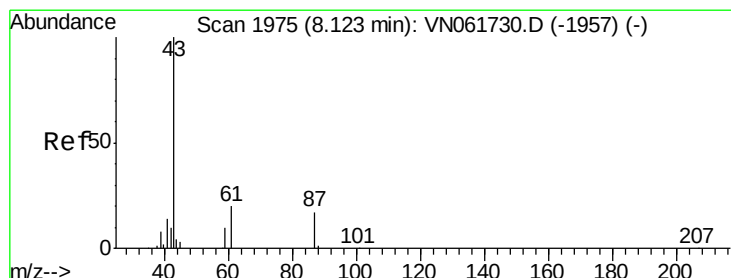
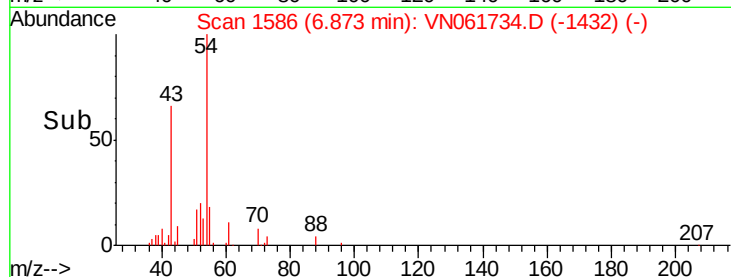
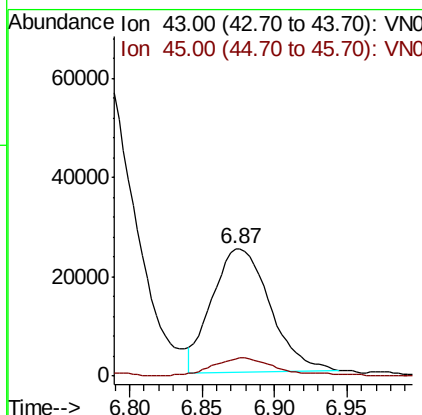
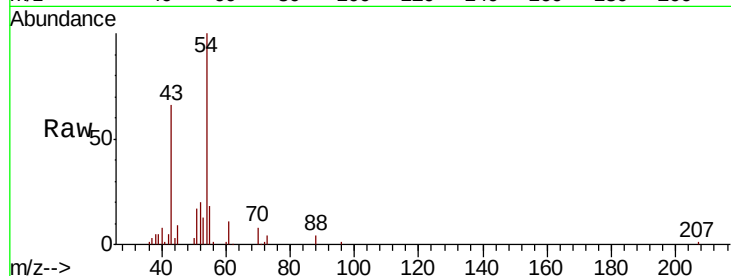




#43
Ethyl Acetate
Concen: 17.343 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

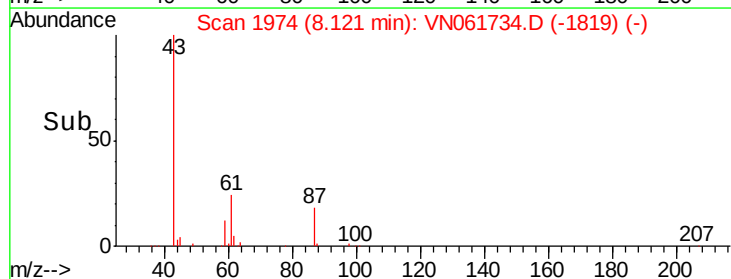
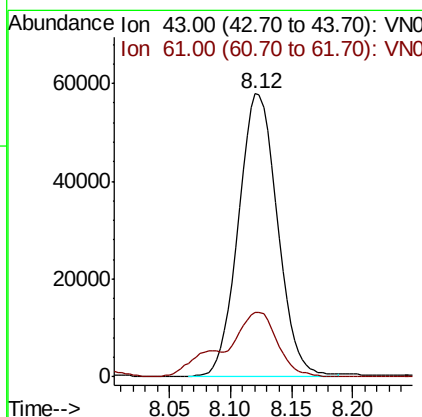
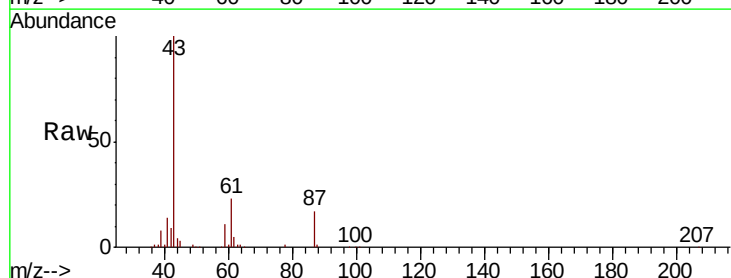
Instrument :
MSVOA_N
ClientSampled :
BFB

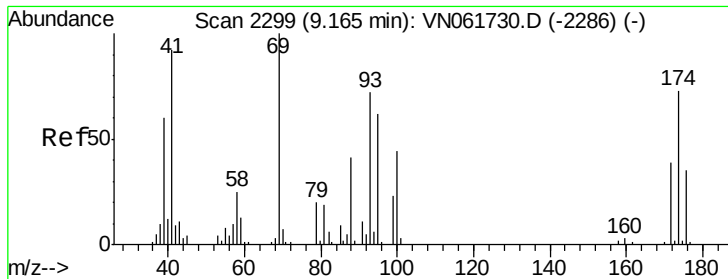
Tot Ion: 43 Resp: 69211
Ion Ratio Lower Upper
43 100
45 15.3 11.4 17.2



#44
Isopropyl Acetate
Concen: 17.794 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion: 43 Resp: 128484
Ion Ratio Lower Upper
43 100
61 22.6 18.9 28.3





#45

1,4-Dioxane

Concen: 397.655 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

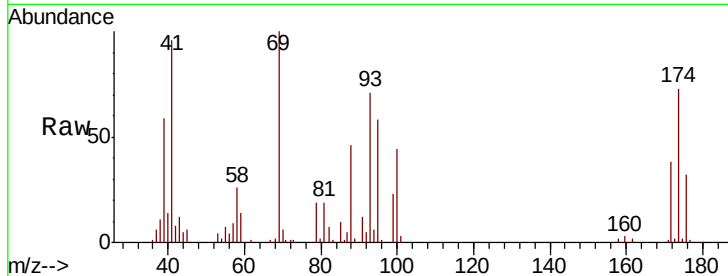
Tot Ion: 88 Resp: 29345

Ion Ratio Lower Upper

88 100

43 27.0 21.8 32.8

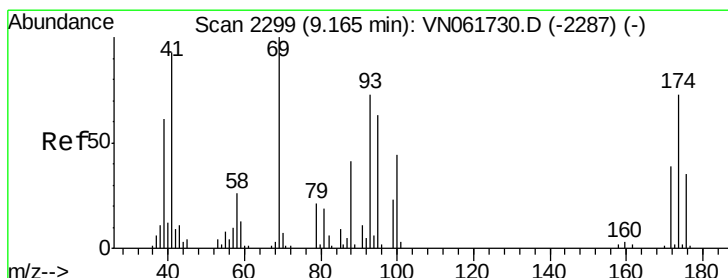
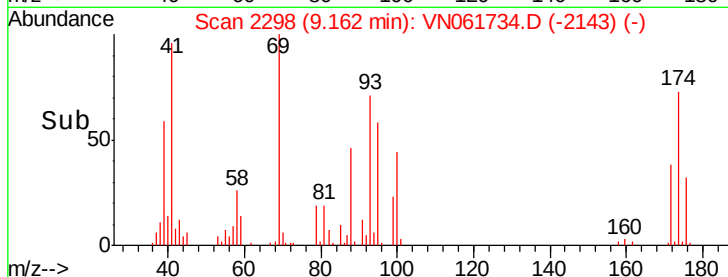
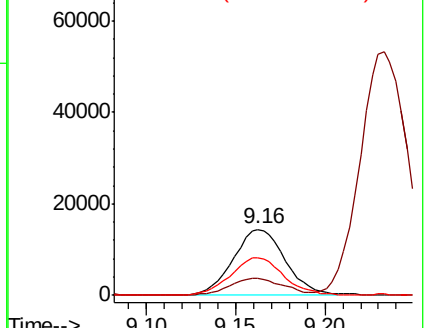
58 58.5 48.4 72.6



Abundance Ion 88.00 (87.70 to 88.70): VN061734.D (-2143) (-)

Ion 43.00 (42.70 to 43.70): VN061734.D (-2143) (-)

Ion 58.00 (57.70 to 58.70): VN061734.D (-2143) (-)



#46

Methyl methacrylate

Concen: 17.436 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

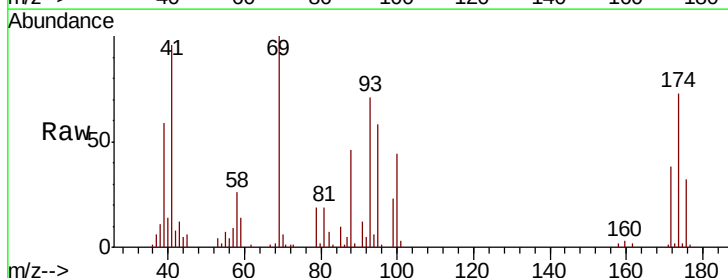
Tgt Ion: 41 Resp: 54618

Ion Ratio Lower Upper

41 100

69 106.9 53.8 161.4

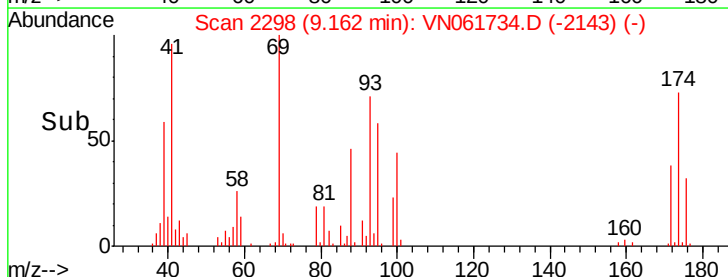
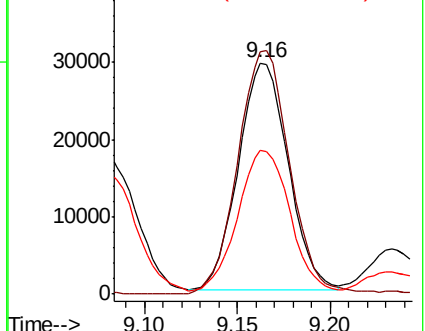
39 61.9 33.0 98.9

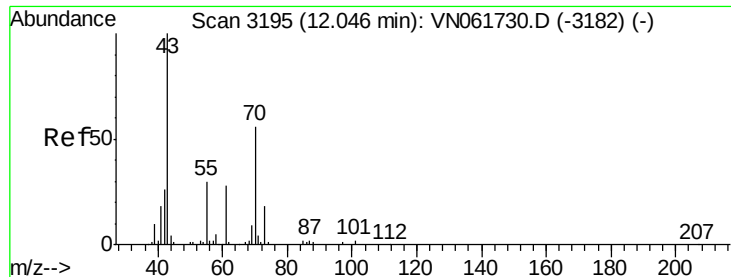


Abundance Ion 41.00 (40.70 to 41.70): VN061734.D (-2143) (-)

Ion 69.00 (68.70 to 69.70): VN061734.D (-2143) (-)

Ion 39.00 (38.70 to 39.70): VN061734.D (-2143) (-)





#47

n-amvl Acetate

Concen: 17.216 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

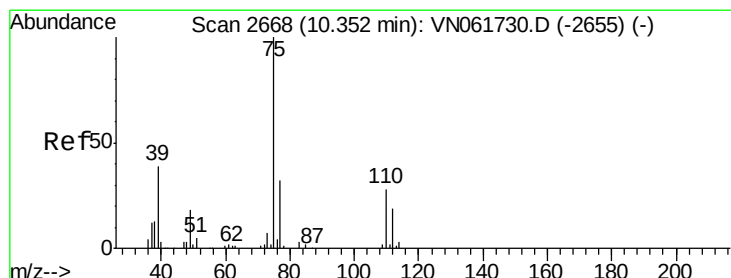
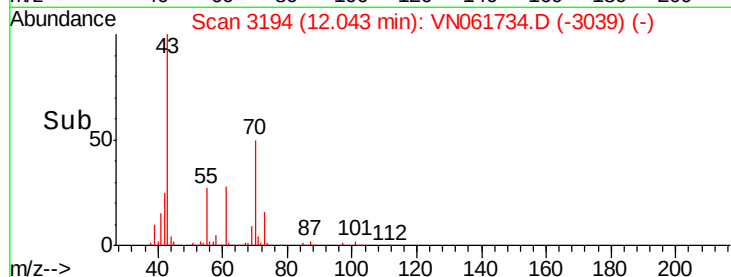
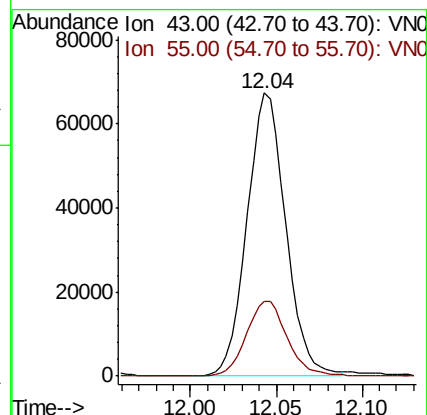
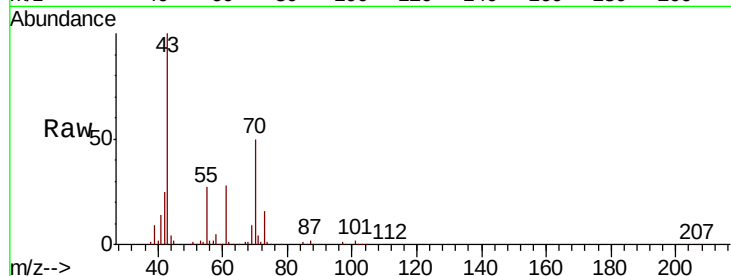
BFB

Tot Ion: 43 Resp: 105338

Ion Ratio Lower Upper

43 100

55 27.9 22.7 34.1



#48

t-1,3-Dichloropropene

Concen: 18.040 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061734.D

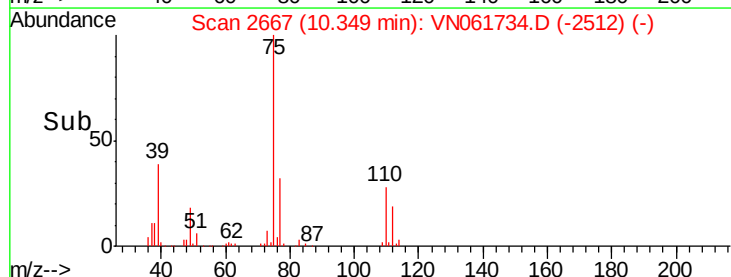
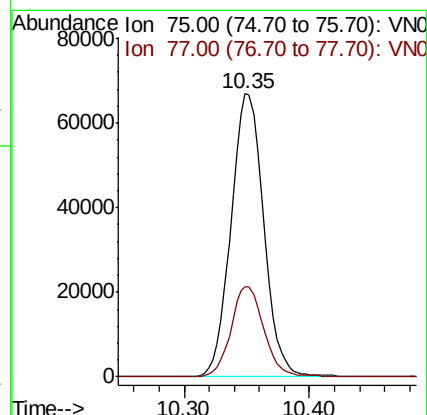
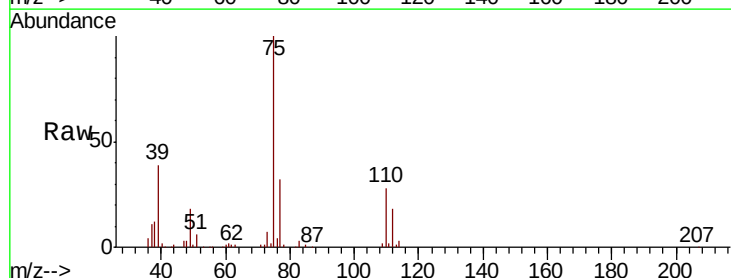
Acq: 10 Jun 2020 13:38

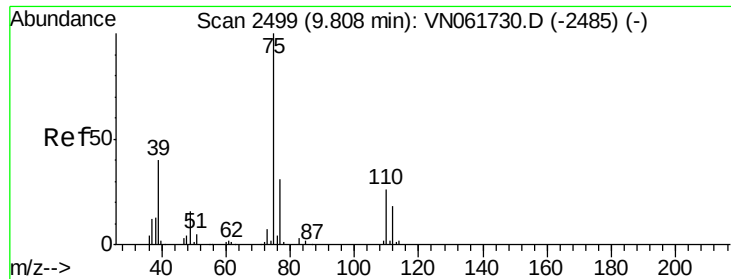
Tgt Ion: 75 Resp: 121260

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



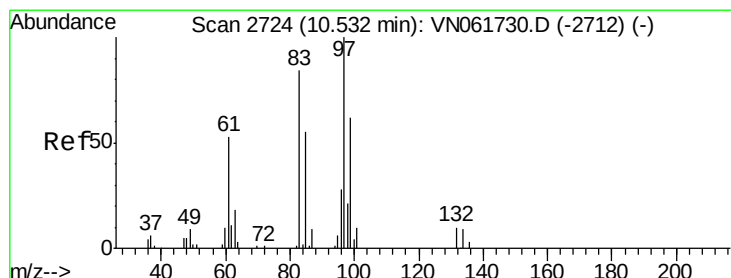
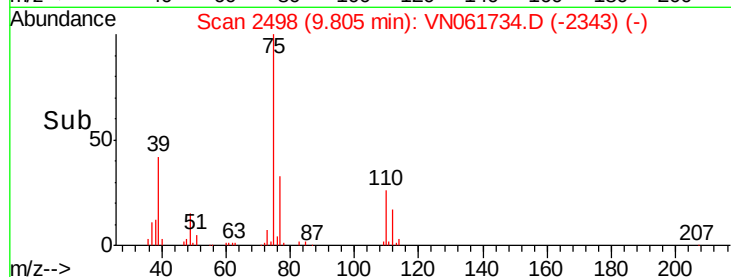
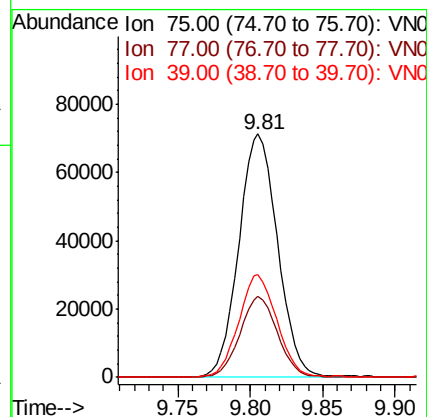
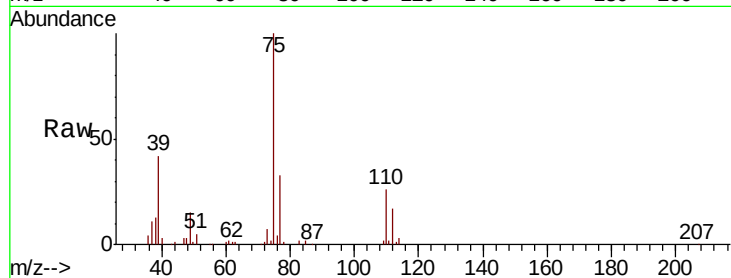


#49

cis-1,3-Dichloropropene
Concen: 18.093 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
BFB

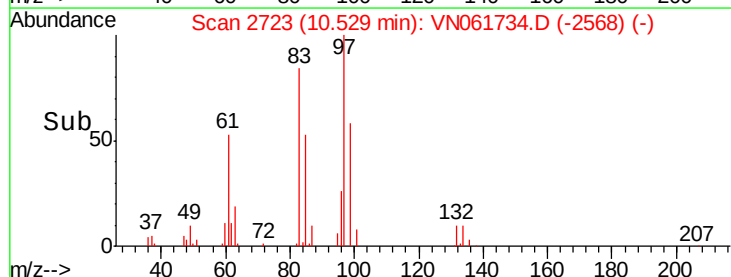
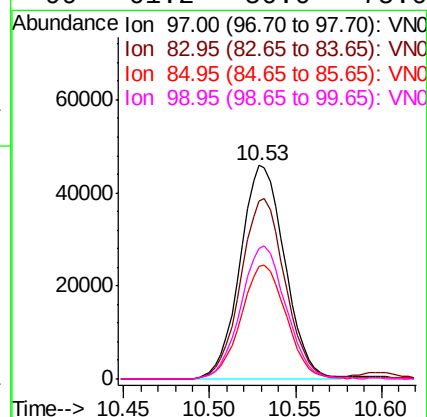
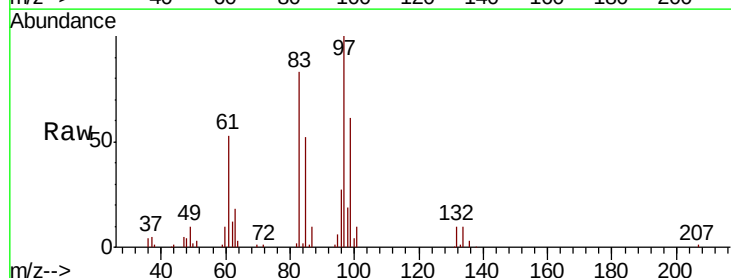
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.8	37.2
39	42.1	31.8	47.6

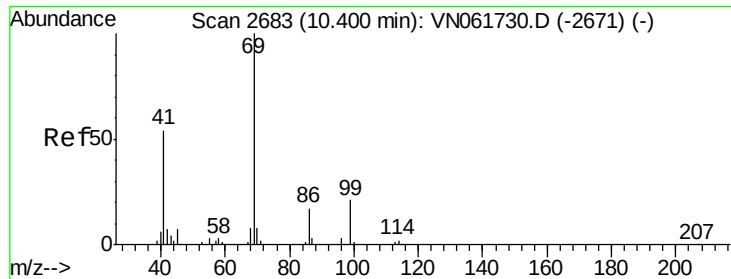


#50

1,1,2-Trichloroethane
Concen: 18.005 ug/l
RT: 10.53 min Scan# 2723
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.6	101.4
85	52.5	44.0	66.0
99	61.2	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.962 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

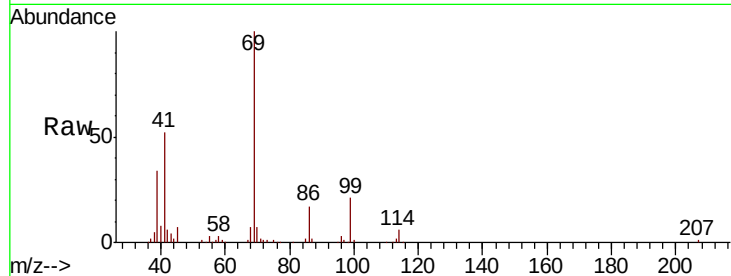
Tot Ion: 69 Resp: 107749

Ion Ratio Lower Upper

69 100

41 51.7 26.9 80.7

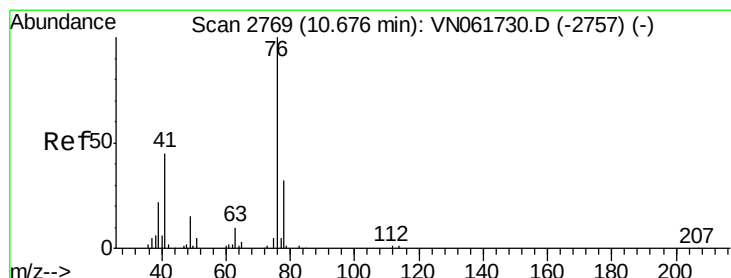
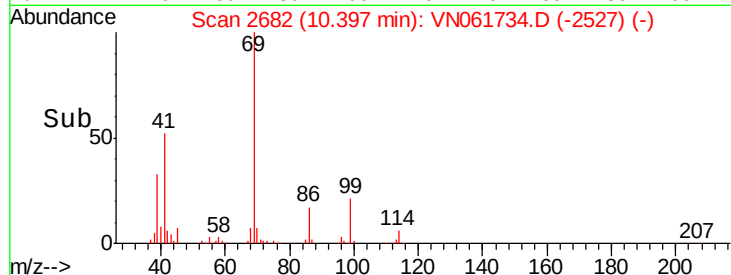
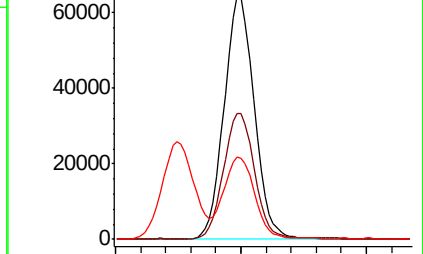
39 33.2 16.7 50.1



Abundance Ion 69.00 (68.70 to 69.70): VN061734.D (-2671) (-)

Ion 41.00 (40.70 to 41.70): VN061734.D (-2671) (-)

Ion 39.00 (38.70 to 39.70): VN061734.D (-2671) (-)



#52

1,3-Dichloropropane

Concen: 18.232 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VN061734.D

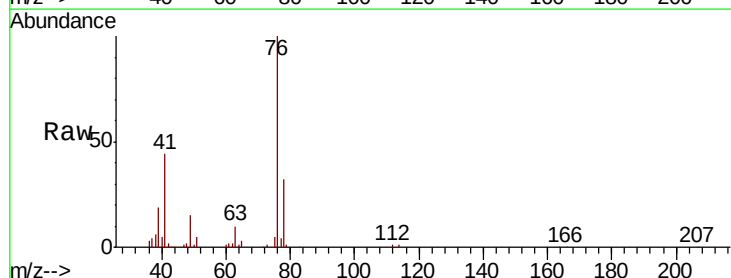
Acq: 10 Jun 2020 13:38

Tgt Ion: 76 Resp: 134063

Ion Ratio Lower Upper

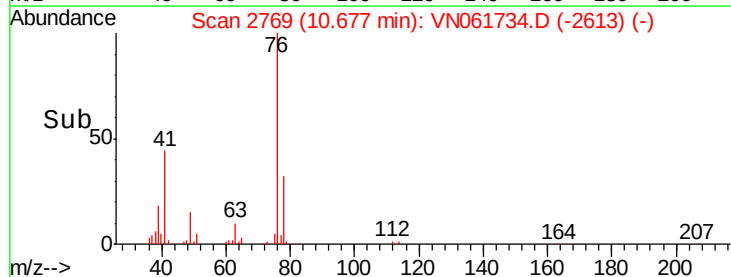
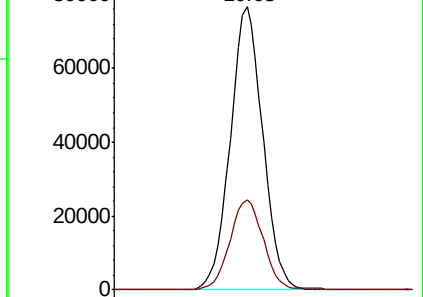
76 100

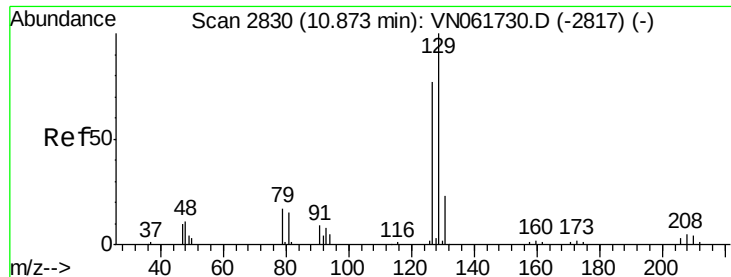
78 32.8 0.0 65.8



Abundance Ion 76.00 (75.70 to 76.70): VN061734.D (-2613) (-)

Ion 78.00 (77.70 to 78.70): VN061734.D (-2613) (-)





#53

Dibromochloromethane

Concen: 17.564 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

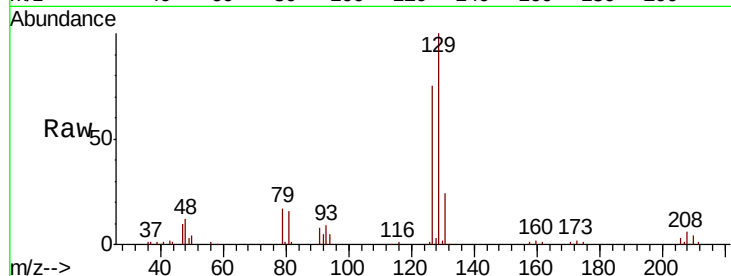
BFB

Tot Ion:129 Resp: 95554

Ion Ratio Lower Upper

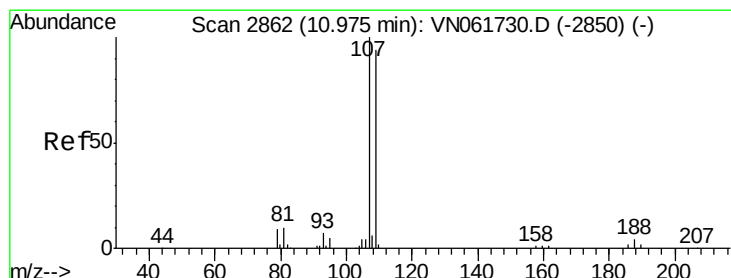
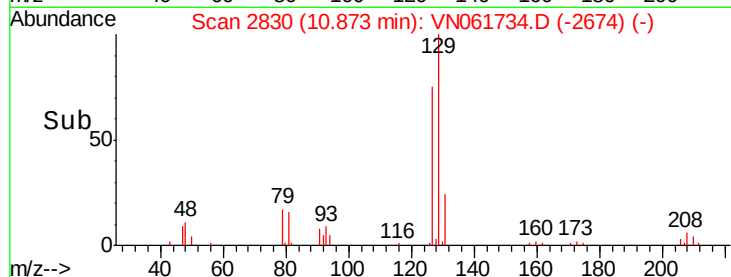
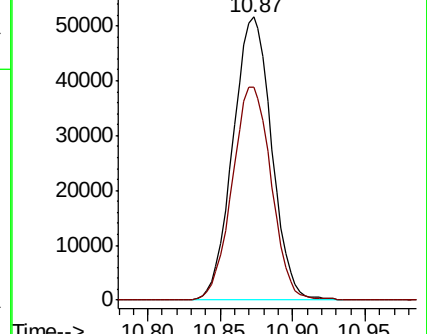
129 100

127 76.2 38.6 116.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.172 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN061734.D

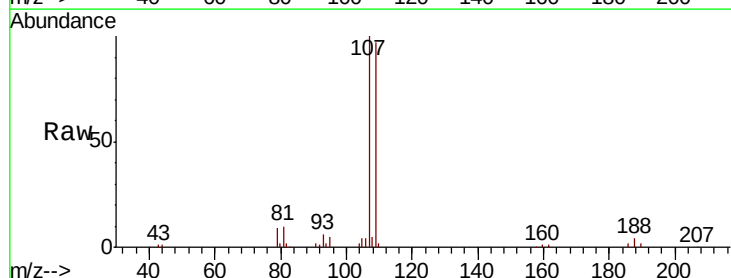
Acq: 10 Jun 2020 13:38

Tgt Ion:107 Resp: 87895

Ion Ratio Lower Upper

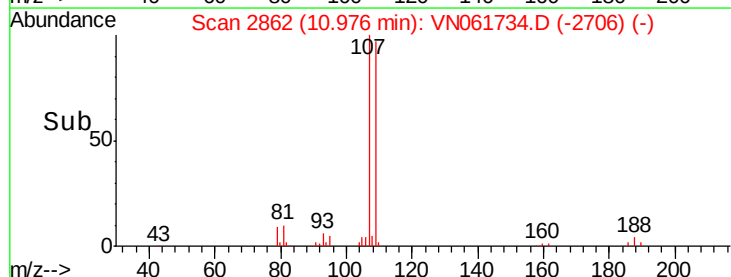
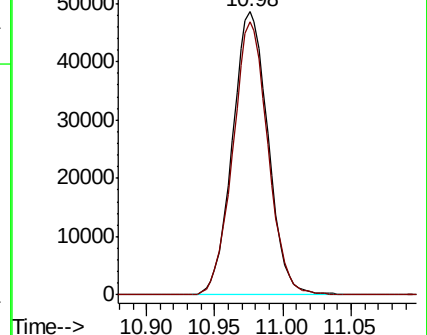
107 100

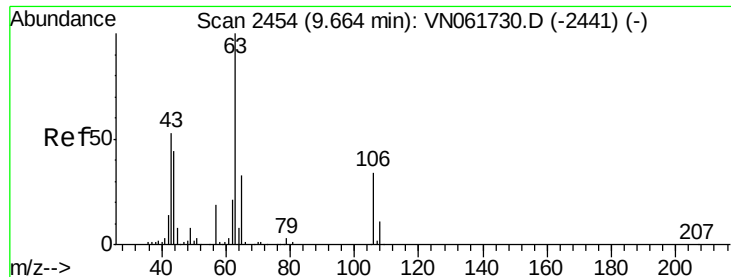
109 95.0 76.6 114.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

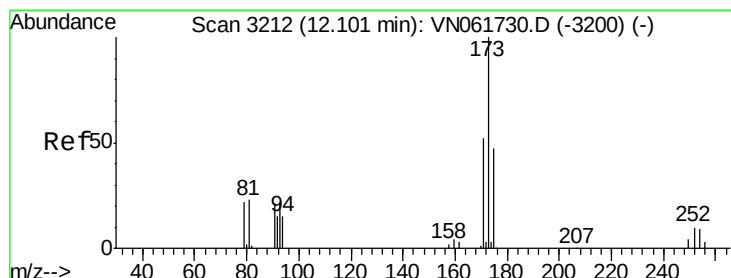
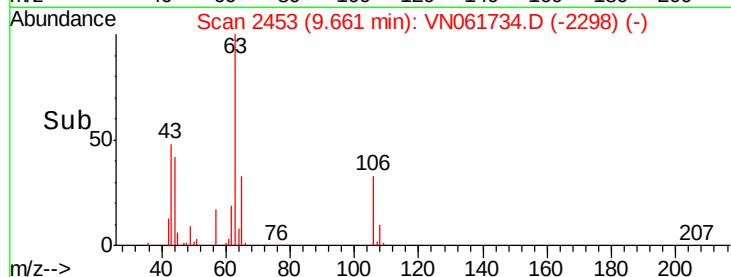
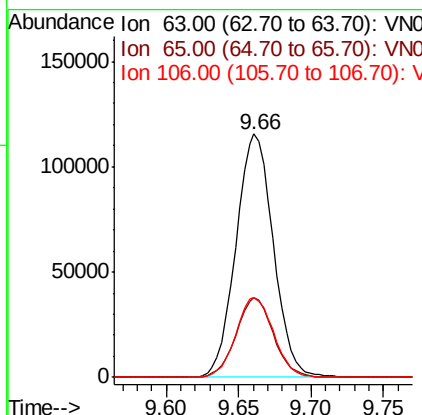
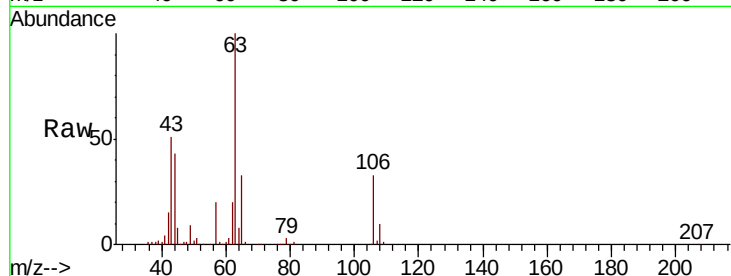




#55
2-Chloroethyl vinyl ether
Concen: 90.816 ug/l
RT: 9.66 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

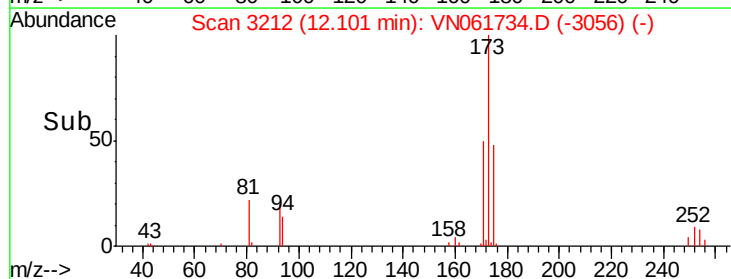
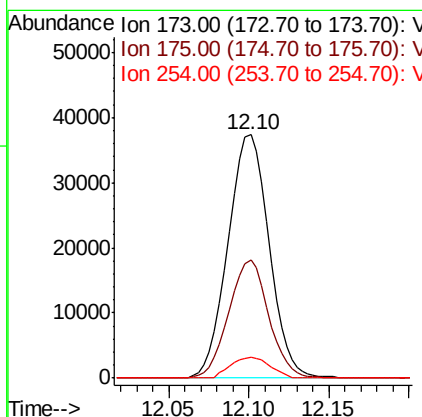
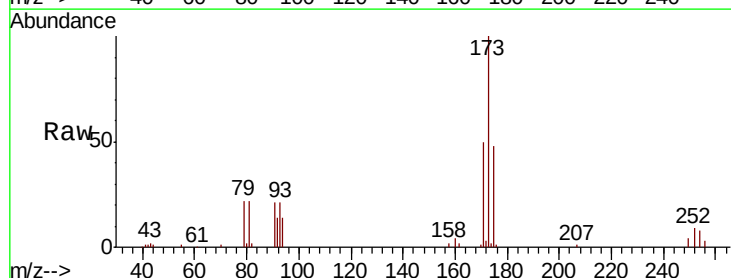
Instrument :
MSVOA_N
ClientSampled :
BFB

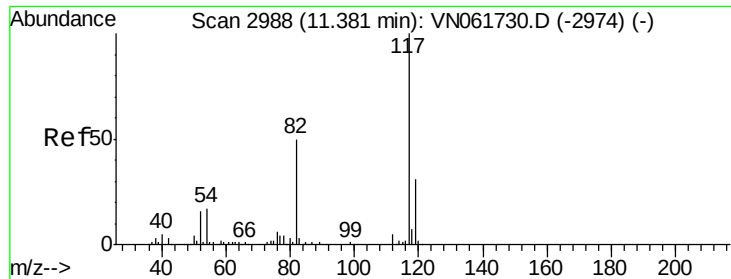
Tot Ion	63	Resp	207	63
Ion	Ratio	Lower	Upper	
63	100			
65	32.3	25.8	38.8	
106	33.0	26.5	39.7	



#56
Bromoform
Concen: 17.252 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	173	Resp	65534	173
Ion	Ratio	Lower	Upper	
173	100			
175	47.0	37.5	56.3	
254	8.2	6.9	10.3	

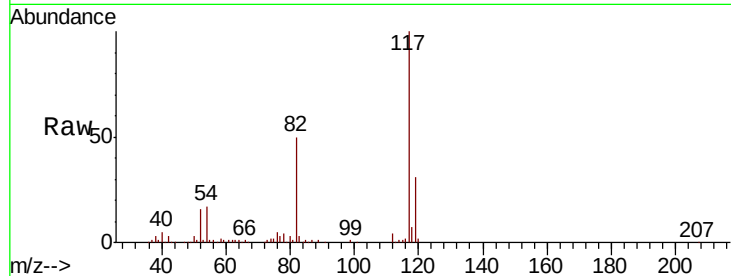




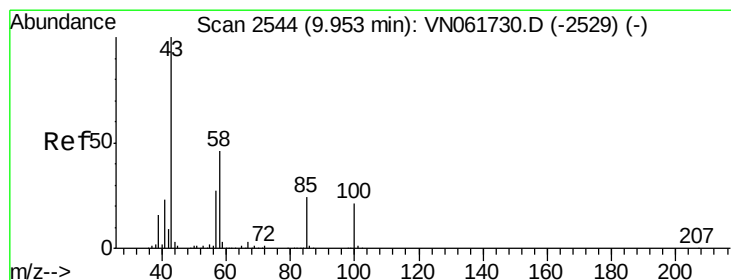
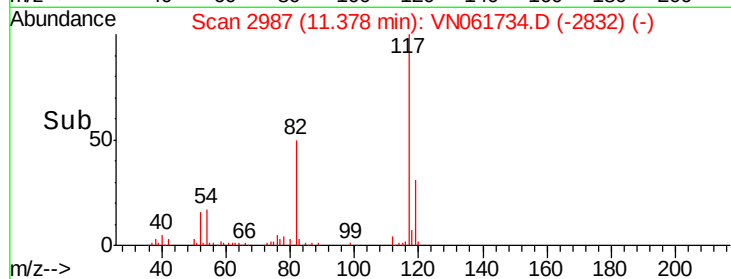
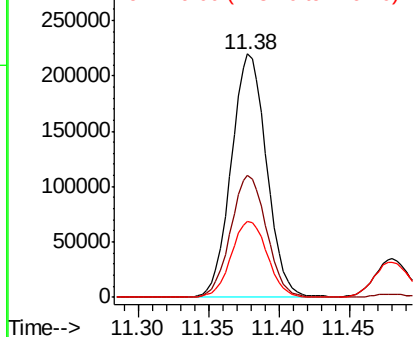
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.6	60.8
119	32.0	25.4	38.2

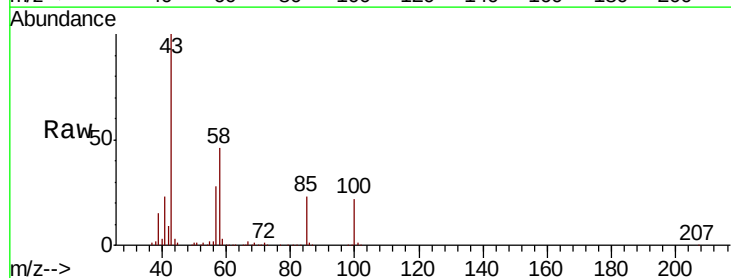


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

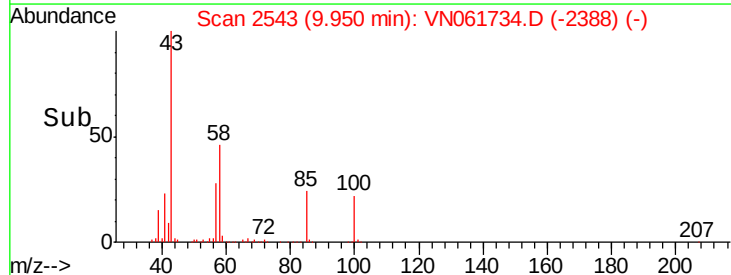
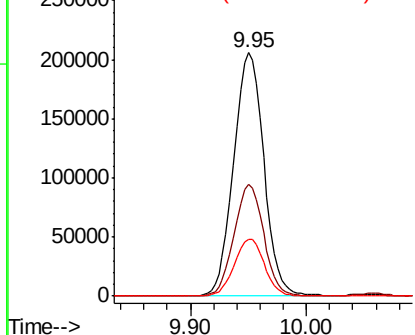


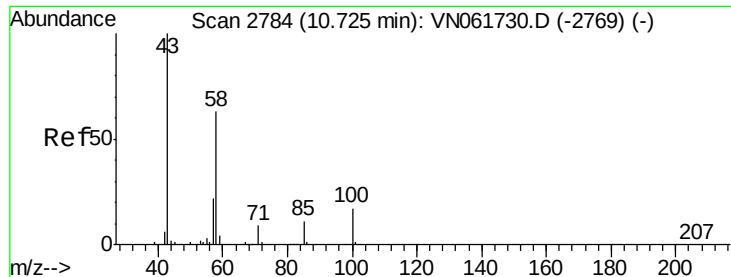
#58
4-Methyl-2-Pentanone
Concen: 93.331 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.0	36.6	54.8
85	23.3	19.0	28.6



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN





#59

2-Hexanone

Concen: 94.546 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

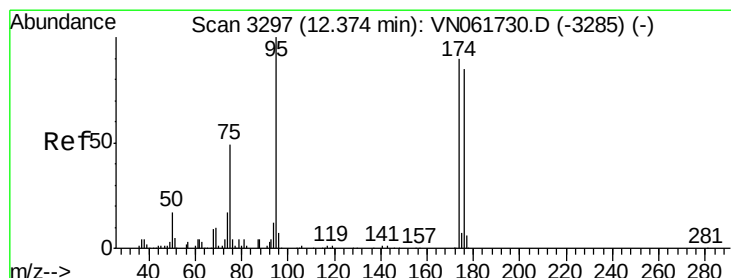
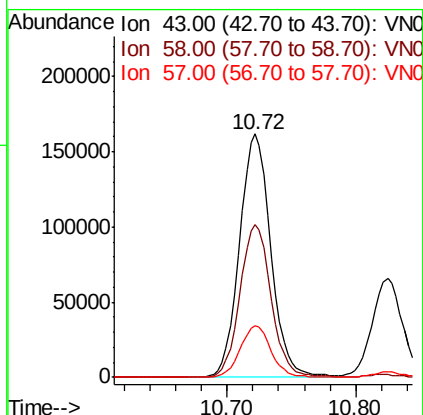
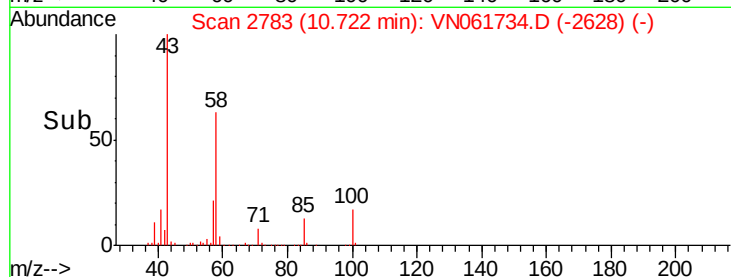
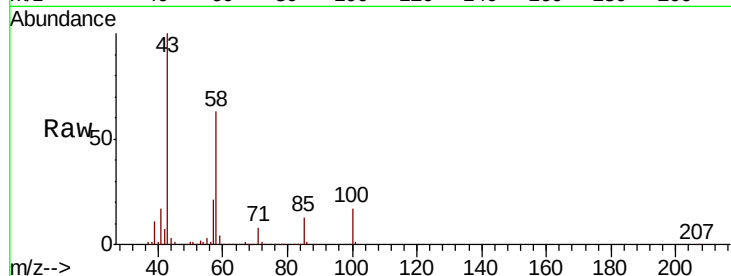
Tot Ion: 43 Resp: 273215

Ion Ratio Lower Upper

43 100

58 62.6 50.4 75.6

57 21.0 17.2 25.8



#60

4-Bromofluorobenzene

Concen: 29.846 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

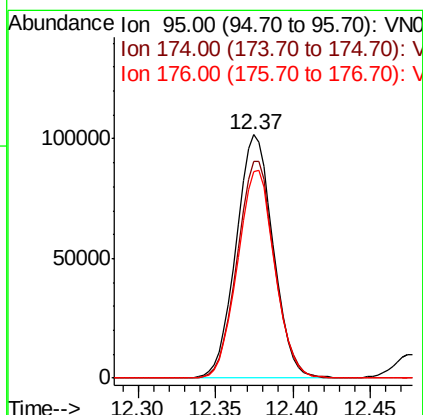
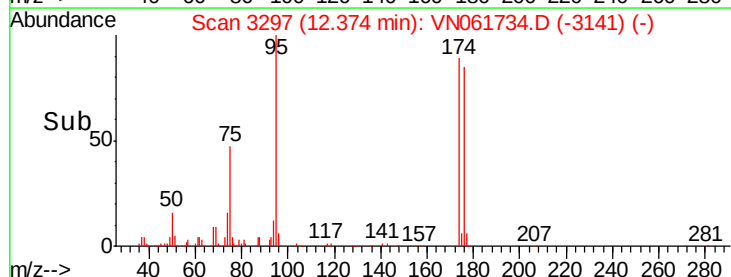
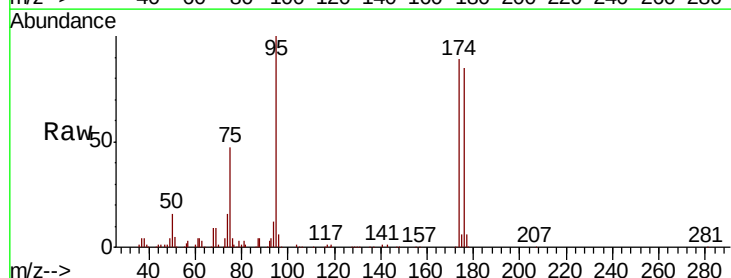
Tgt Ion: 95 Resp: 169466

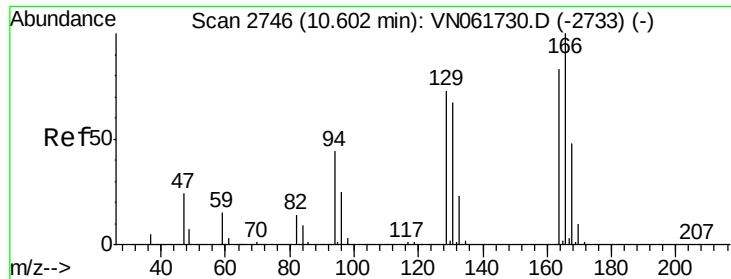
Ion Ratio Lower Upper

95 100

174 89.6 72.8 109.2

176 85.8 69.2 103.8





#61

Tetrachloroethene

Concen: 18.403 ug/l

RT: 10.60 min Scan# 2745

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

Tot Ion:164 Resp: 108285

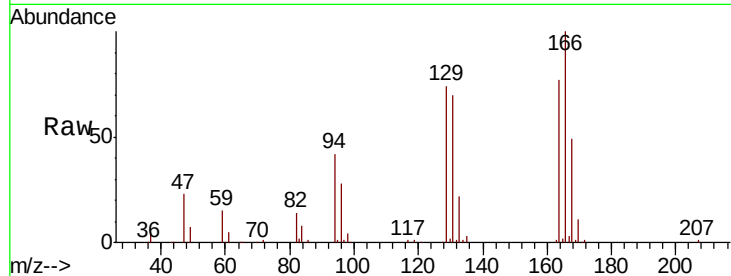
Ion Ratio Lower Upper

164 100

166 129.2 96.6 144.8

129 95.2 70.1 105.1

131 90.2 64.6 96.8



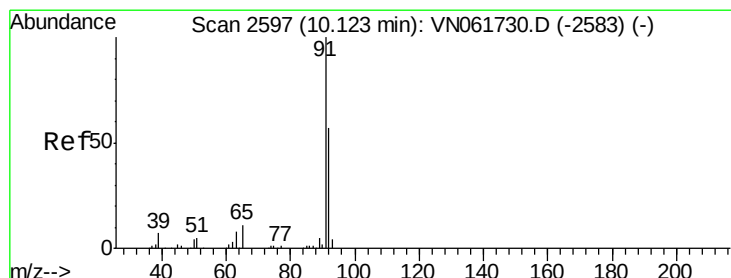
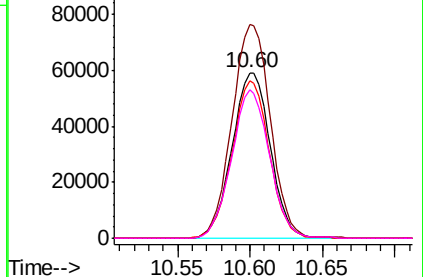
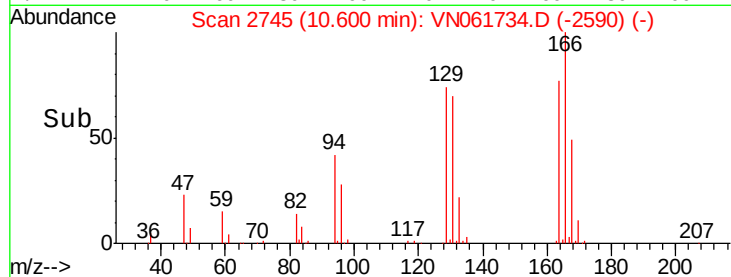
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



#62

Toluene

Concen: 19.040 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061734.D

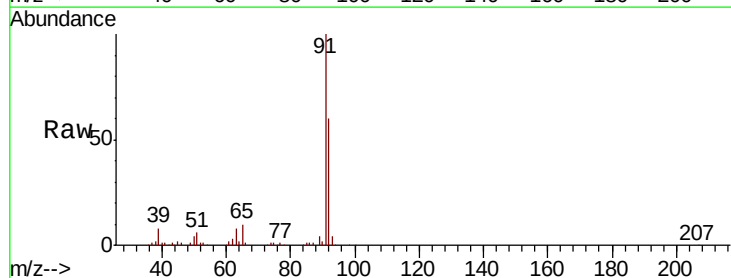
Acq: 10 Jun 2020 13:38

Tgt Ion: 91 Resp: 368338

Ion Ratio Lower Upper

91 100

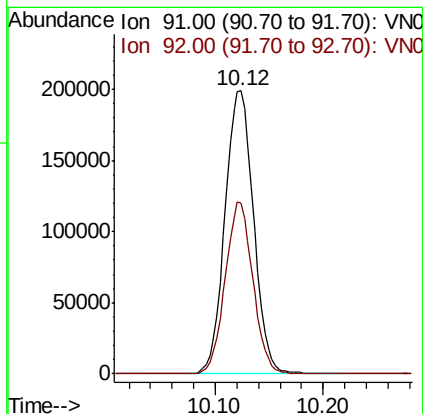
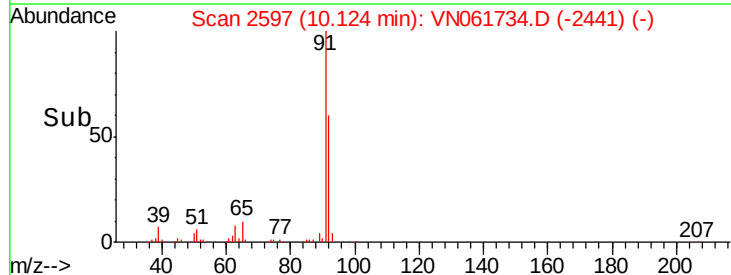
92 58.8 45.8 68.8

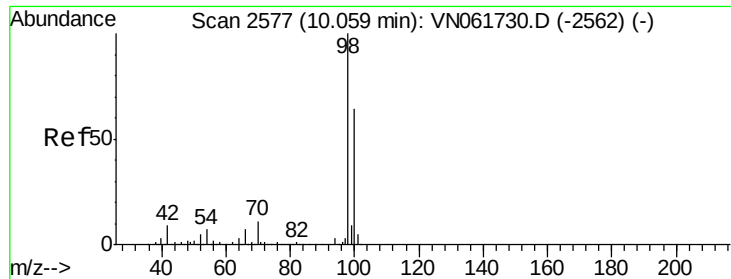


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Time-->





#63

Toluene-d8

Concen: 30.109 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

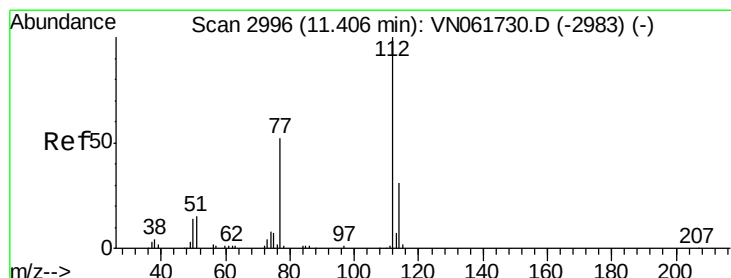
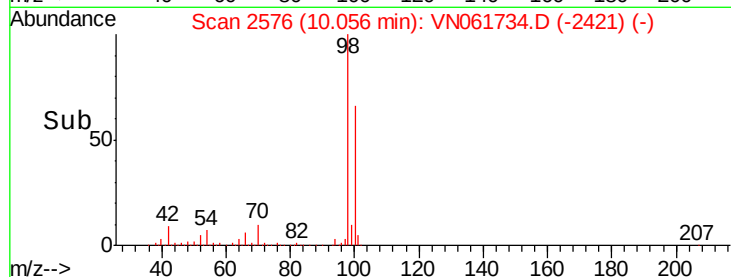
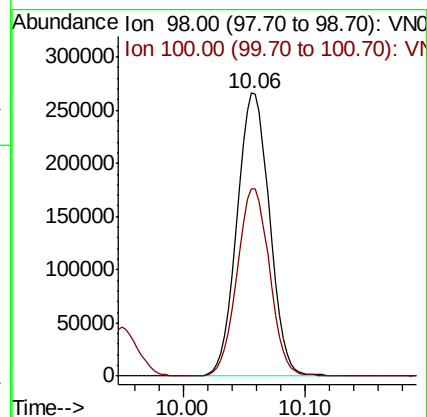
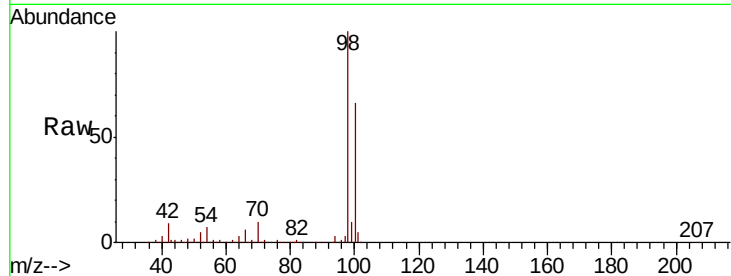
BFB

Tot Ion: 98 Resp: 492803

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4



#64

Chlorobenzene

Concen: 18.744 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061734.D

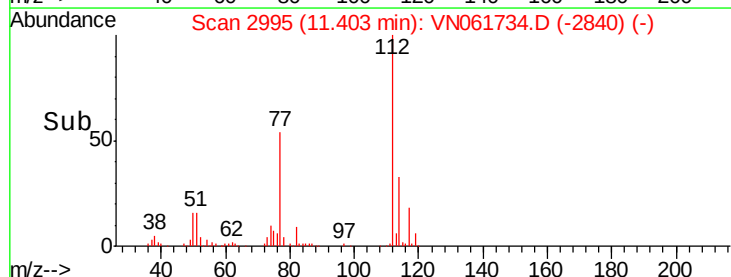
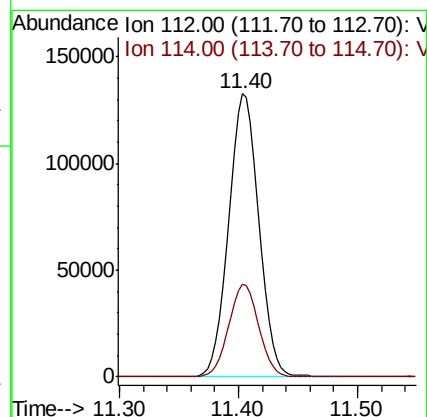
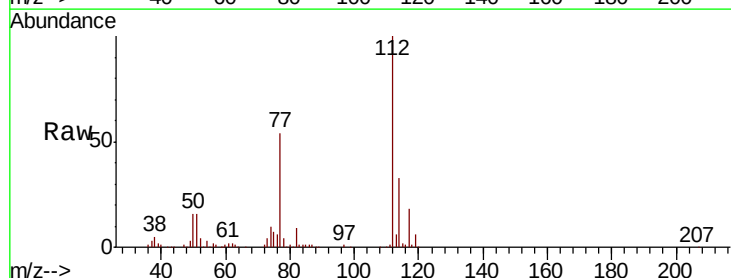
Acq: 10 Jun 2020 13:38

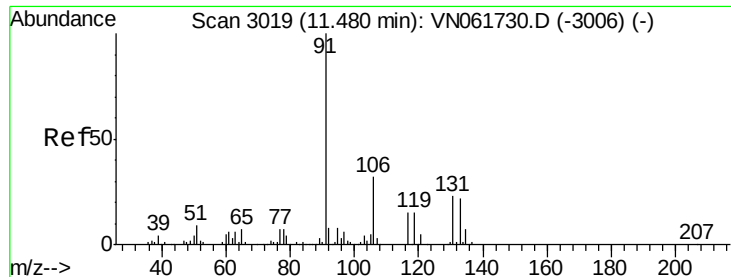
Tgt Ion: 112 Resp: 233331

Ion Ratio Lower Upper

112 100

114 32.9 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.790 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

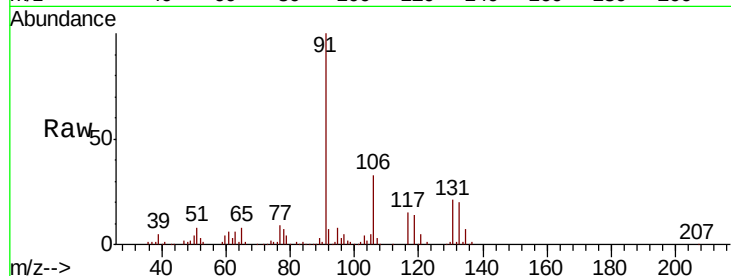
Tot Ion:131 Resp: 89160

Ion Ratio Lower Upper

131 100

133 94.1 0.0 189.4

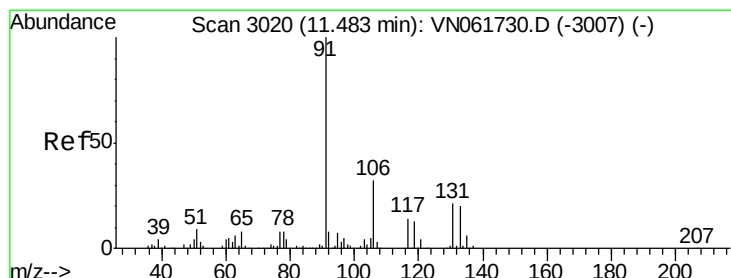
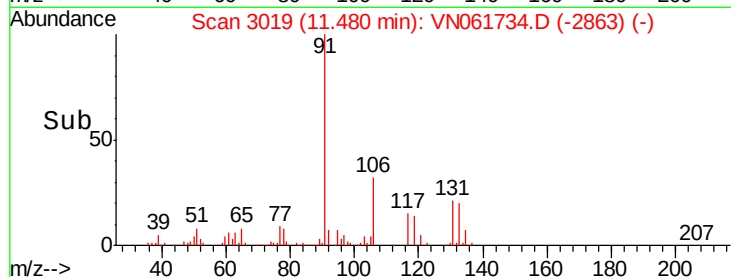
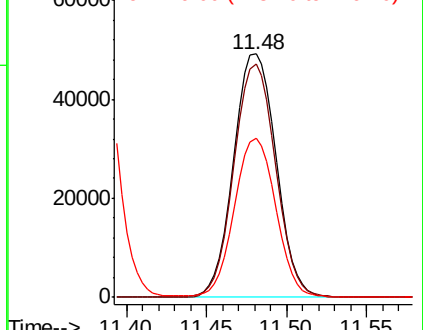
119 63.8 0.0 130.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.941 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061734.D

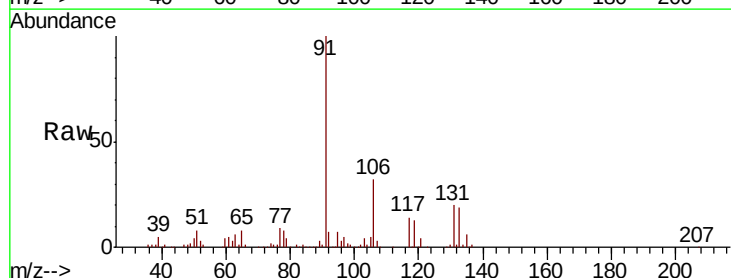
Acq: 10 Jun 2020 13:38

Tgt Ion: 91 Resp: 401127

Ion Ratio Lower Upper

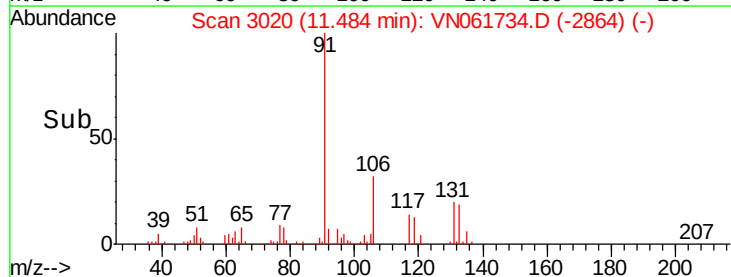
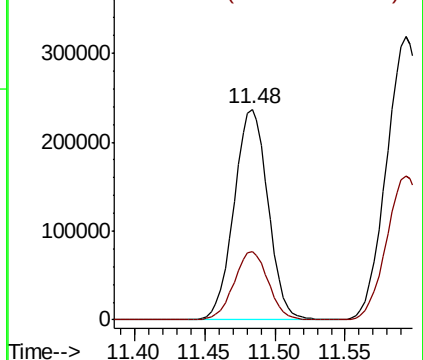
91 100

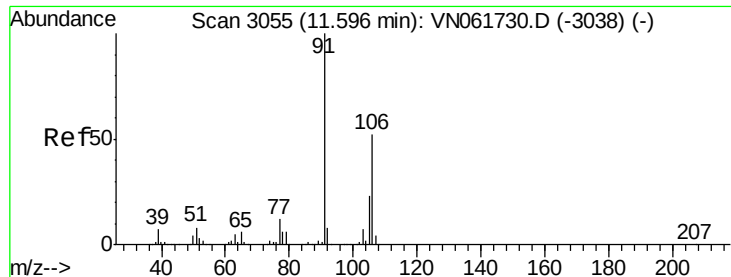
106 32.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.513 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

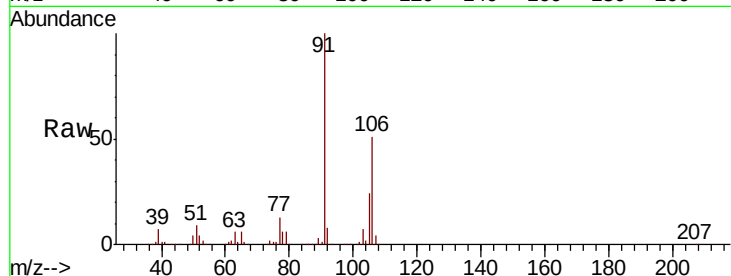
BFB

Tot Ion:106 Resp: 316014

Ion Ratio Lower Upper

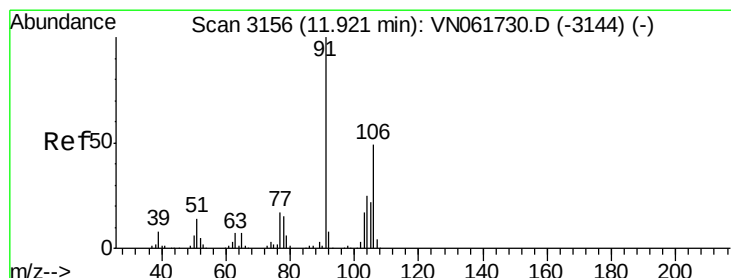
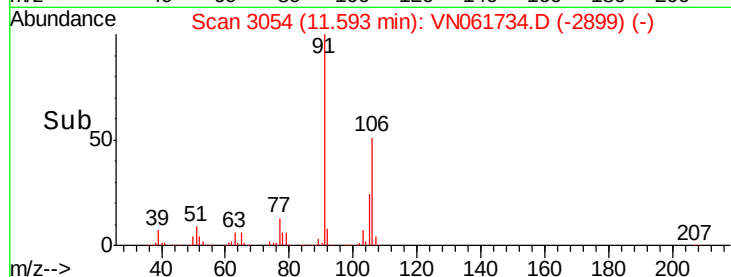
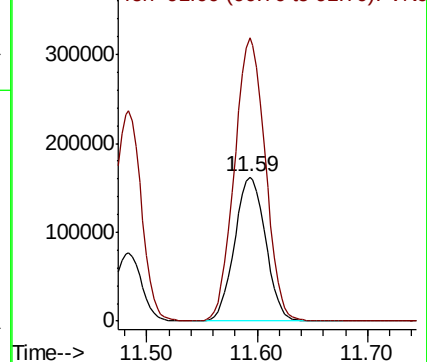
106 100

91 194.6 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 18.909 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061734.D

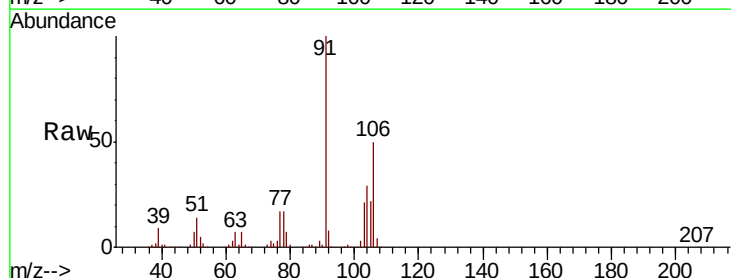
Acq: 10 Jun 2020 13:38

Tgt Ion:106 Resp: 150451

Ion Ratio Lower Upper

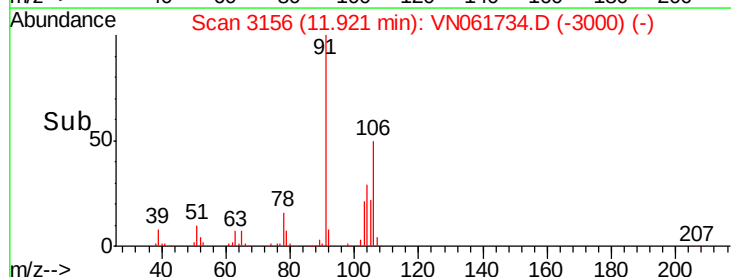
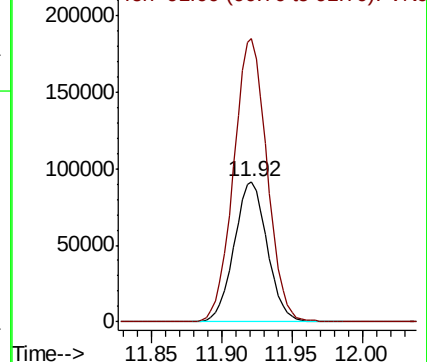
106 100

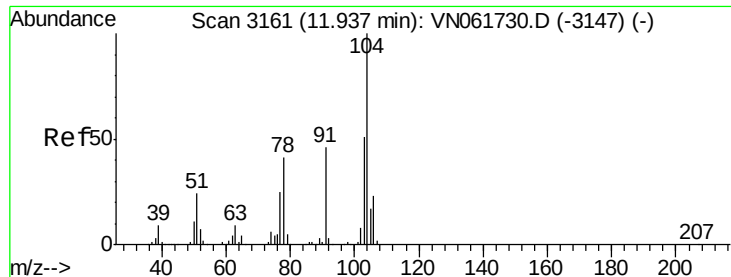
91 204.0 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

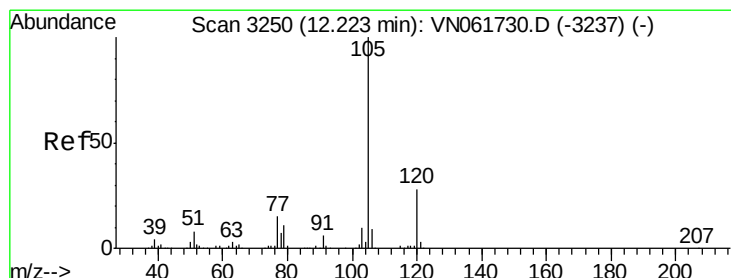
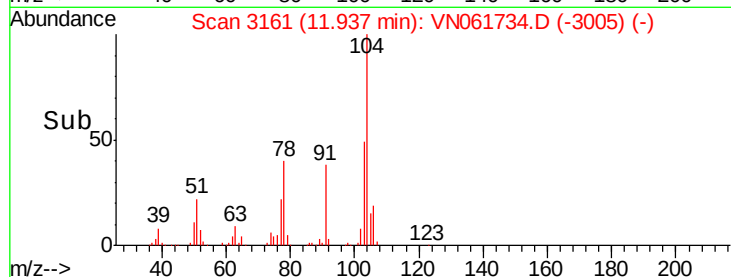
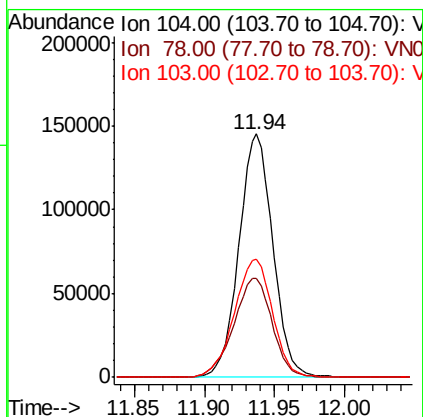
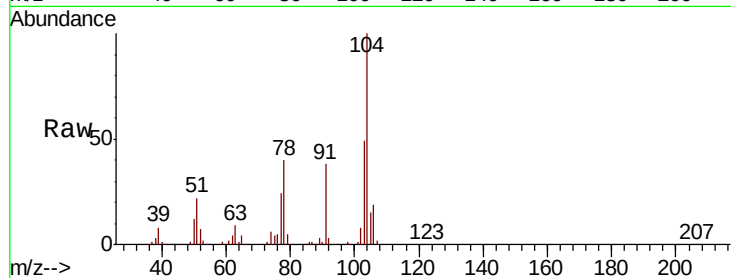




#69
Stvrene
Concen: 18.211 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

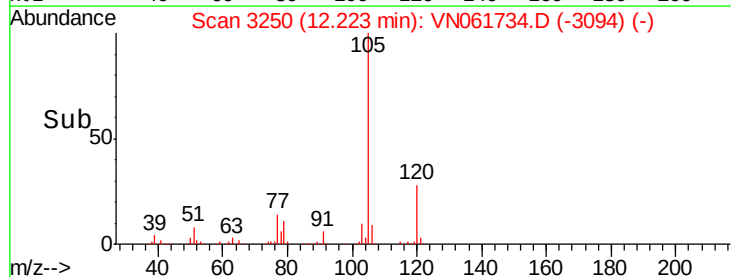
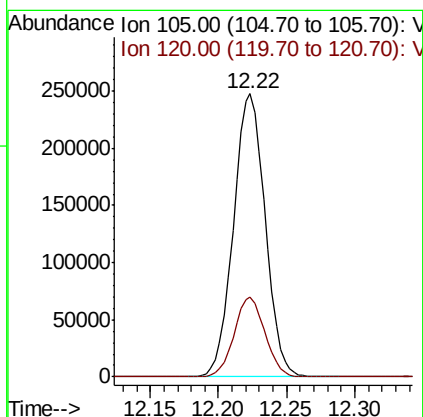
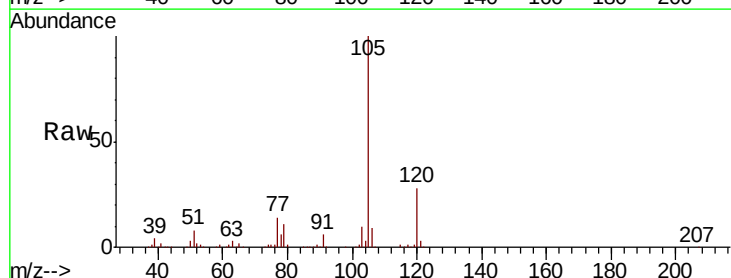
Instrument :
MSVOA_N
ClientSampleId :
BFB

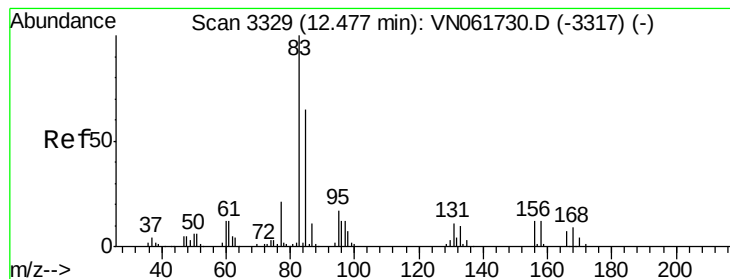
Tot Ion	Ratio	Lower	Upper
104	100		
78	46.0	36.5	54.7
103	54.4	43.4	65.2



#70
Isopropylbenzene
Concen: 19.024 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	19.3	35.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.303 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

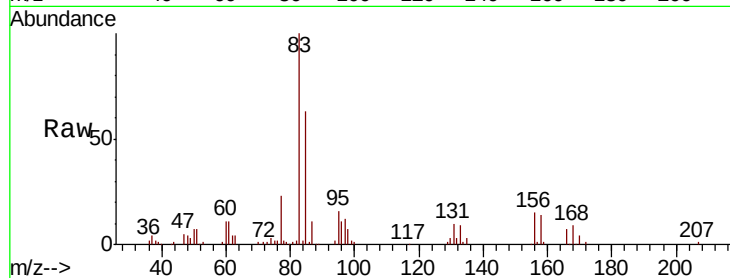
Tot Ion: 83 Resp: 102178

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

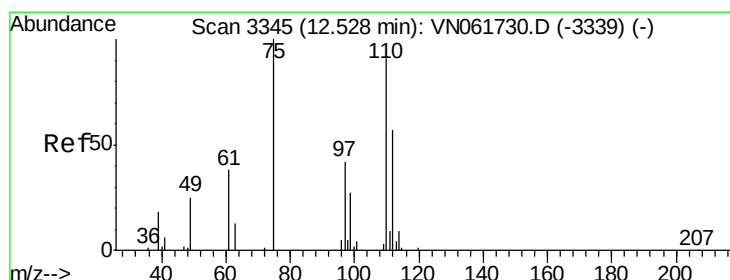
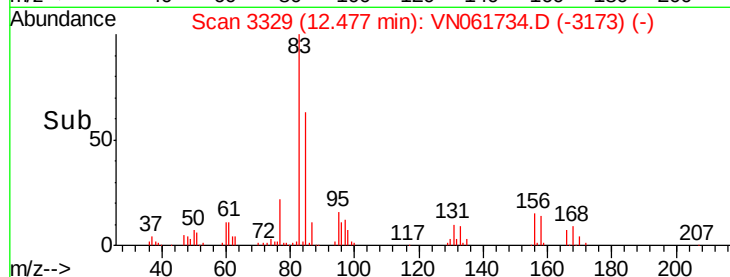
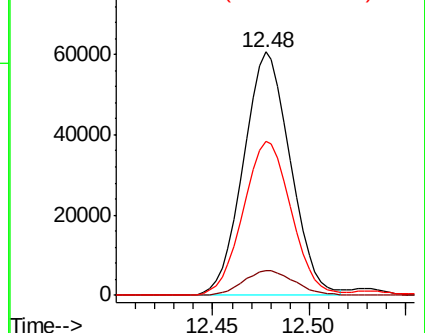
85 64.7 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VN061734.D (-3317) (-)

Ion 131.00 (130.70 to 131.70): VN061734.D (-3317) (-)

Ion 85.00 (84.70 to 85.70): VN061734.D (-3317) (-)



#72

1,2,3-Trichloropropane

Concen: 25.109 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061734.D

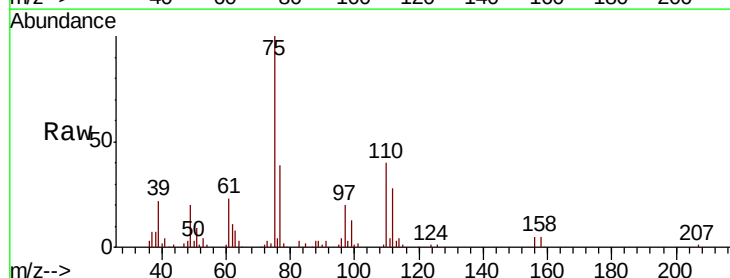
Acq: 10 Jun 2020 13:38

Tgt Ion: 75 Resp: 132140

Ion Ratio Lower Upper

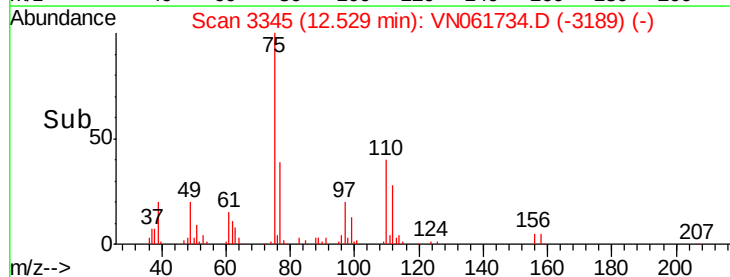
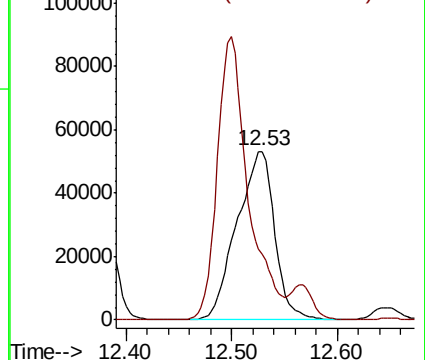
75 100

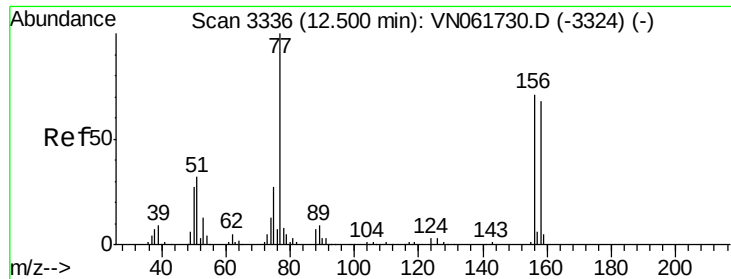
77 137.7 0.0 371.8



Abundance Ion 75.00 (74.70 to 75.70): VN061734.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN061734.D (-3339) (-)





#73

Bromobenzene

Concen: 18.936 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

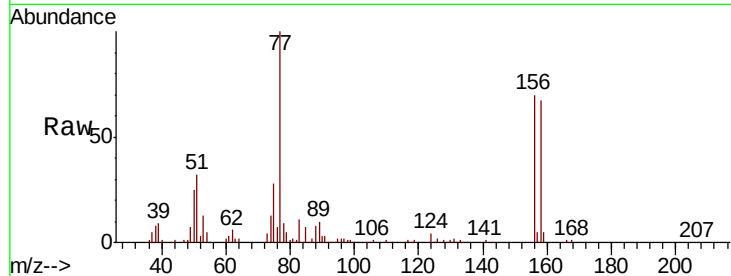
Tot Ion:156 Resp: 107510

Ion Ratio Lower Upper

156 100

77 169.3 0.0 350.0

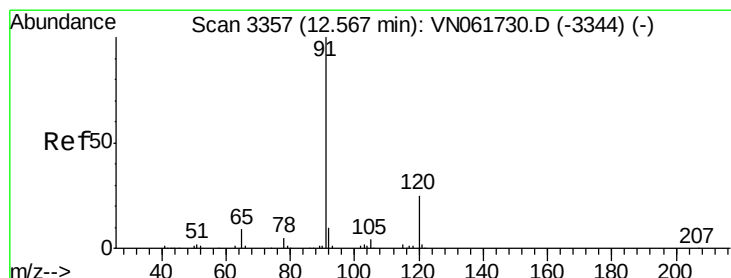
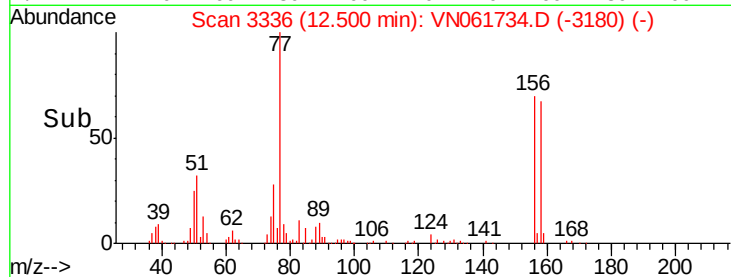
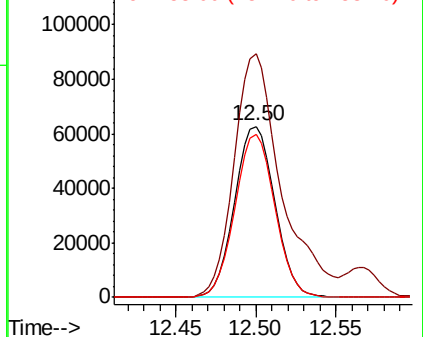
158 94.4 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.882 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061734.D

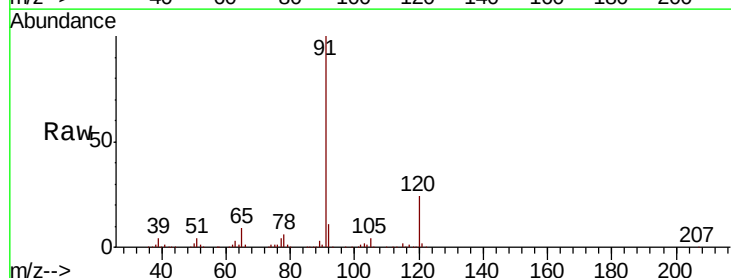
Acq: 10 Jun 2020 13:38

Tgt Ion: 91 Resp: 448547

Ion Ratio Lower Upper

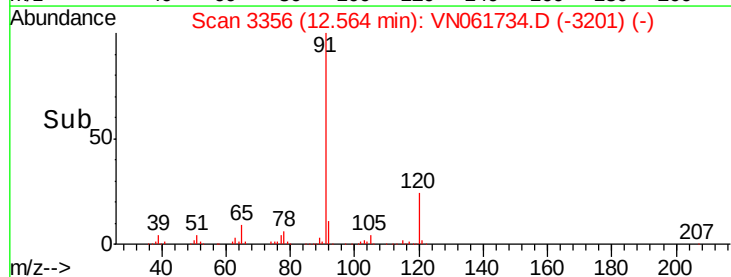
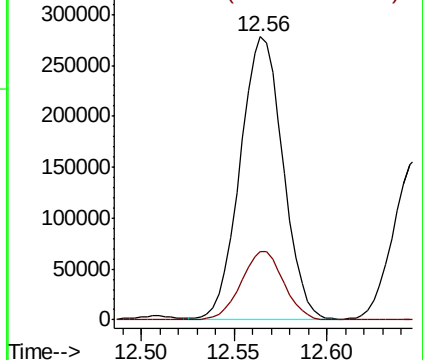
91 100

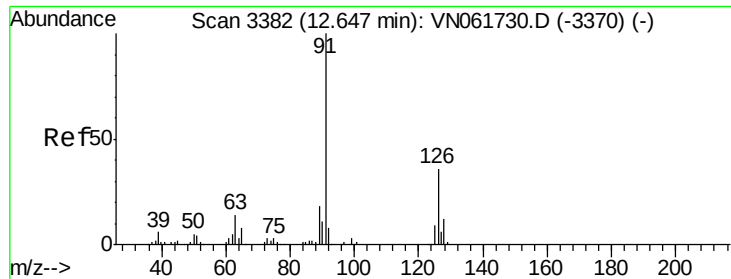
120 24.0 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.886 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

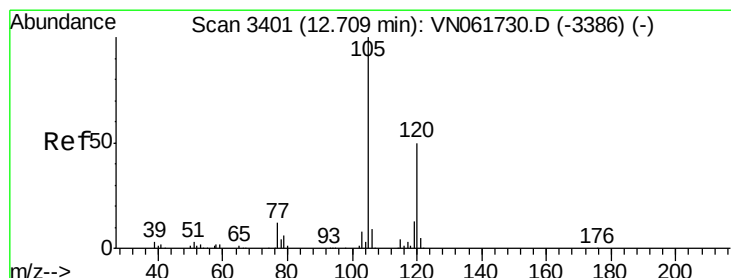
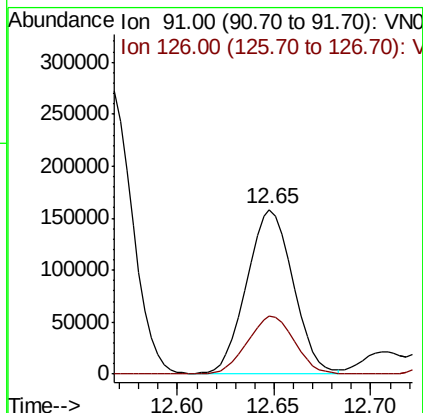
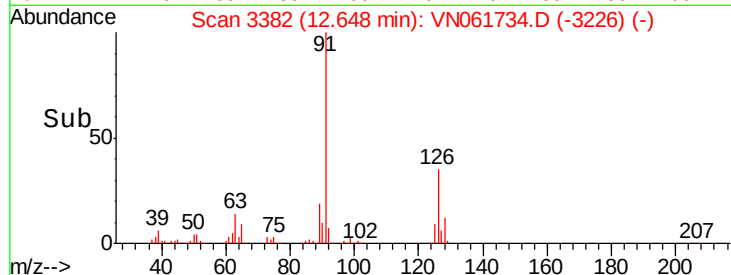
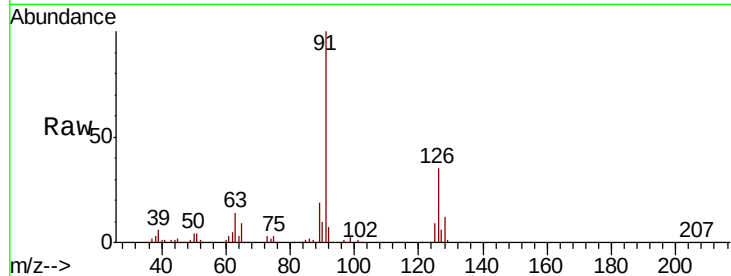
BFB

Tot Ion: 91 Resp: 264420

Ion Ratio Lower Upper

91 100

126 35.7 0.0 72.0



#76

1,3,5-Trimethylbenzene

Concen: 18.929 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061734.D

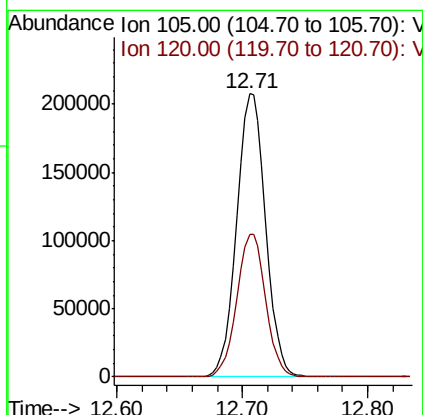
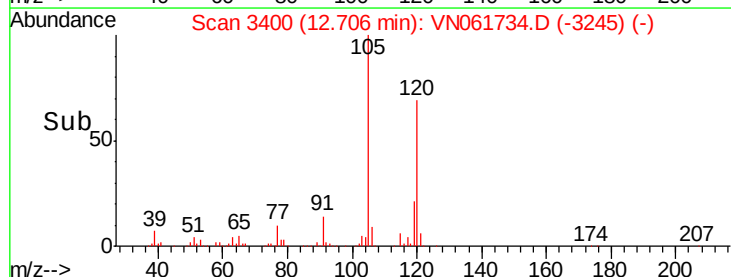
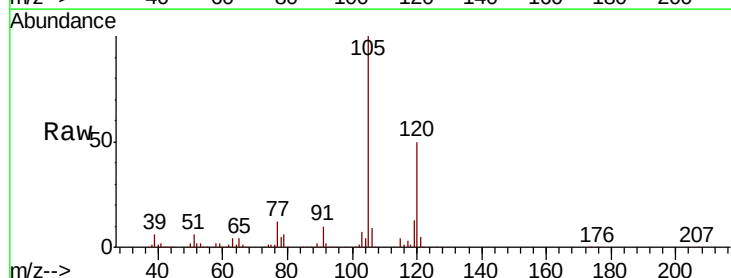
Acq: 10 Jun 2020 13:38

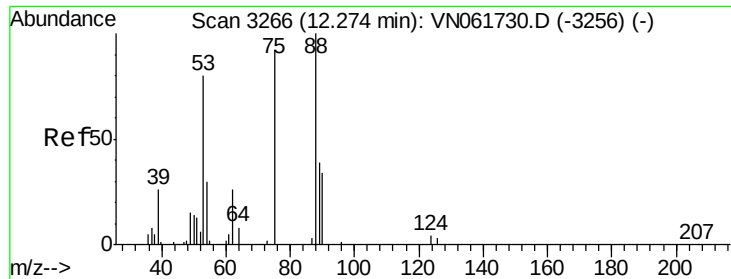
Tgt Ion: 105 Resp: 331634

Ion Ratio Lower Upper

105 100

120 50.0 0.0 101.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.293 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

BFB

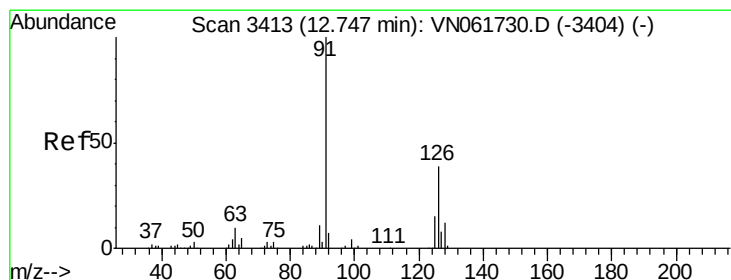
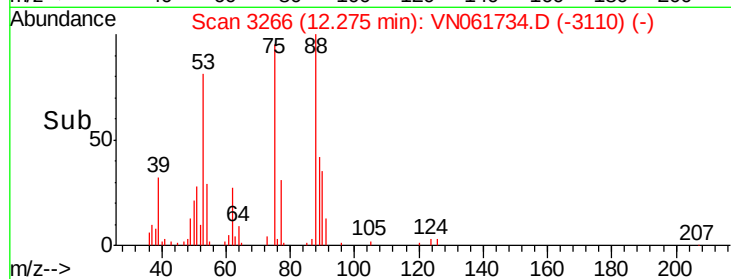
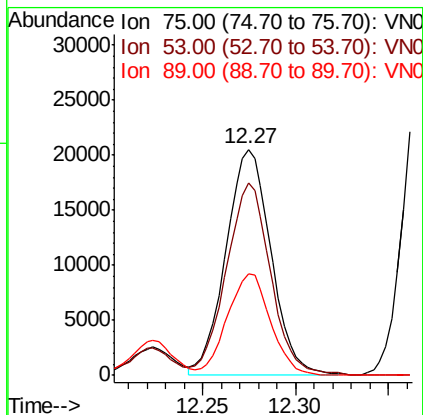
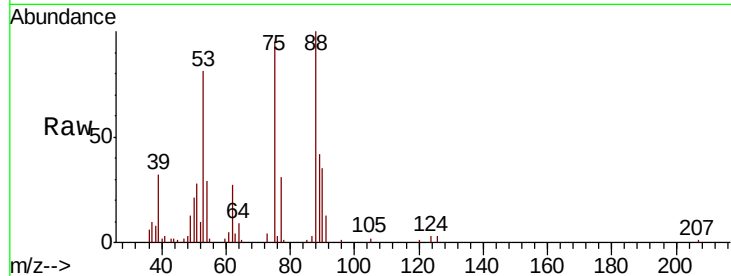
Tot Ion: 75 Resp: 34728

Ion Ratio Lower Upper

75 100

53 84.9 43.8 131.4

89 45.2 23.1 69.2



#78

4-Chlorotoluene

Concen: 18.543 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061734.D

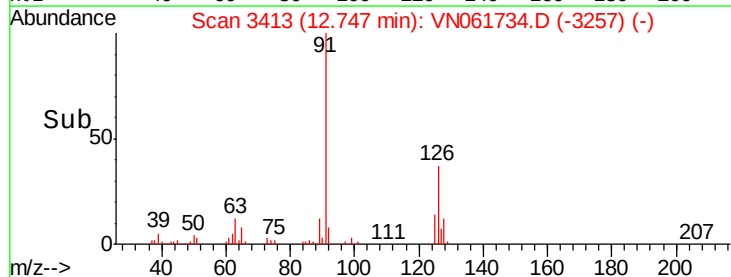
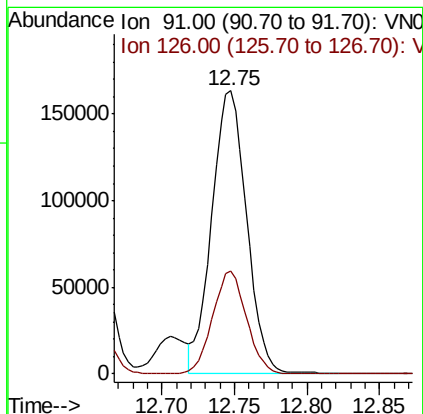
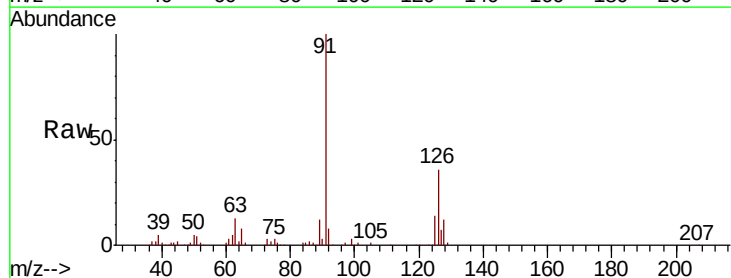
Acq: 10 Jun 2020 13:38

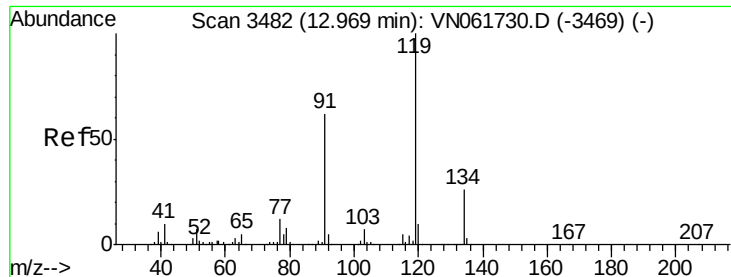
Tgt Ion: 91 Resp: 270511

Ion Ratio Lower Upper

91 100

126 35.2 0.0 70.4

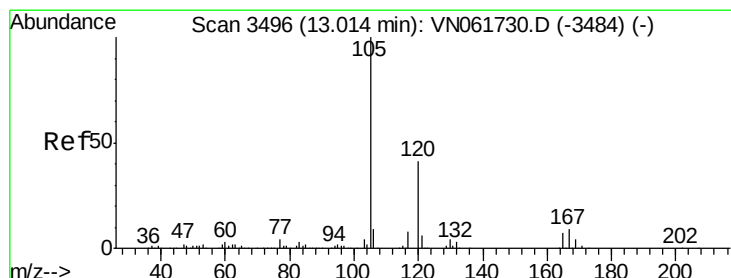
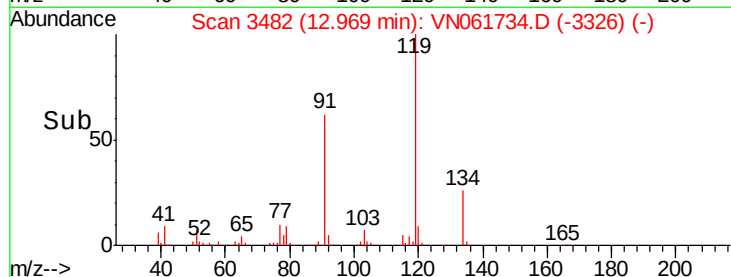
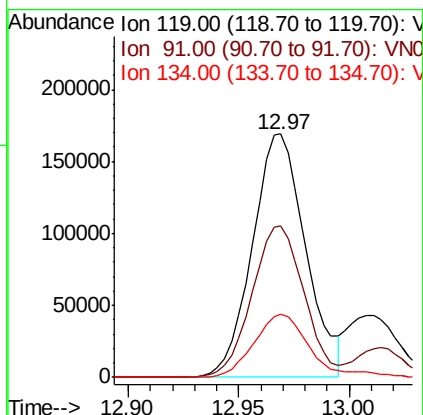
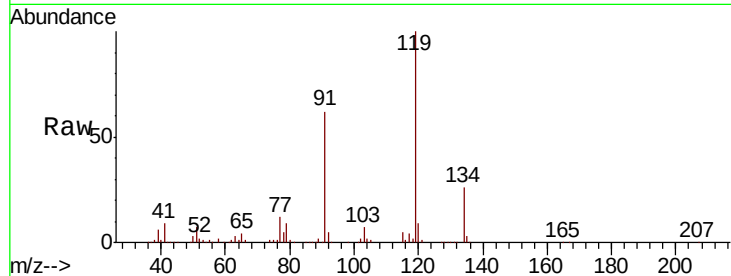




#79
tert-butylbenzene
Concen: 18.743 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

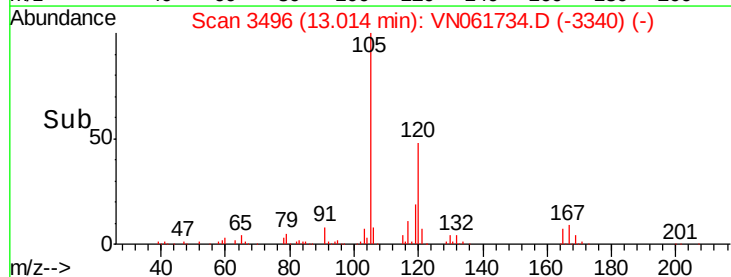
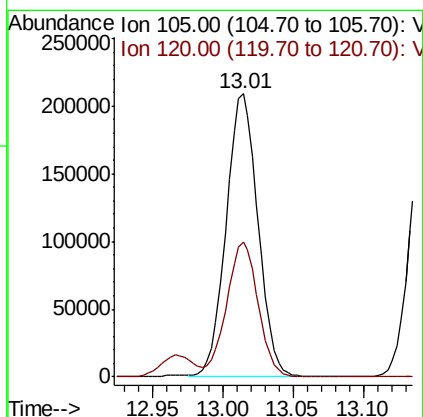
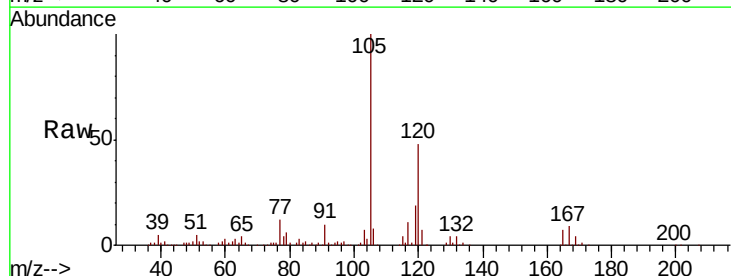
Instrument :
MSVOA_N
ClientSampled :
BFB

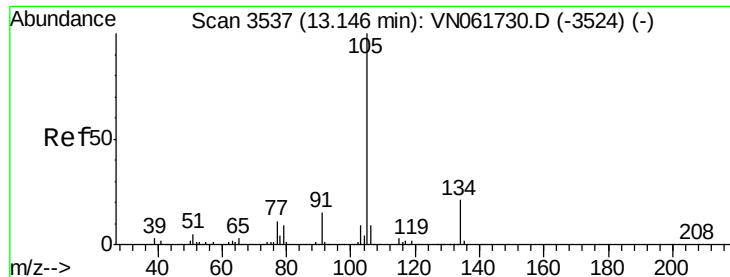
Tot Ion:119 Resp: 283976
Ion Ratio Lower Upper
119 100
91 60.7 0.0 124.6
134 27.2 0.0 51.4



#80
1,2,4-Trimethylbenzene
Concen: 18.665 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061734.D
Acq: 10 Jun 2020 13:38

Tgt Ion:105 Resp: 328938
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.4





#81

sec-Butylbenzene

Concen: 18.899 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

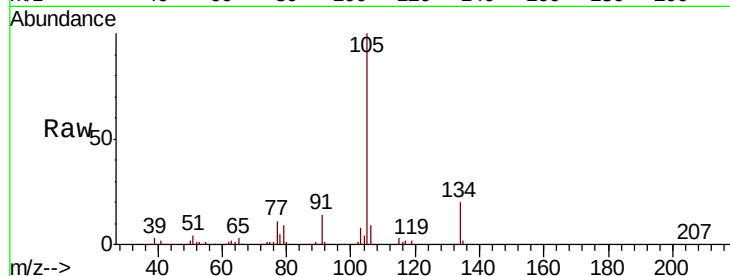
BFB

Tot Ion:105 Resp: 370016

Ion Ratio Lower Upper

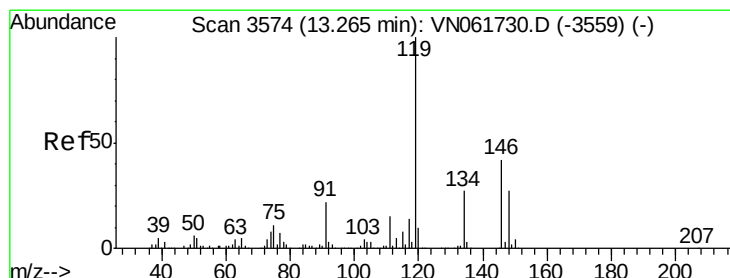
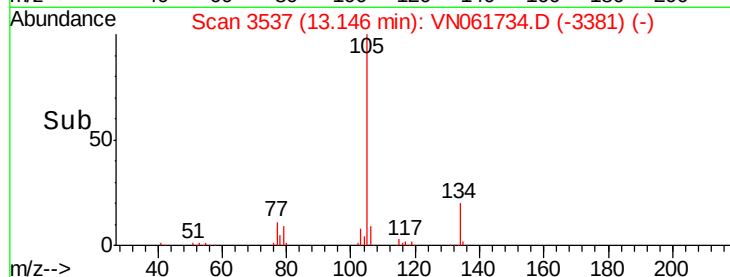
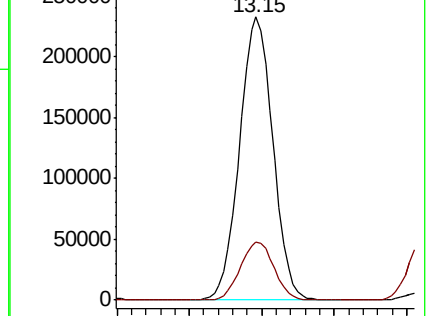
105 100

134 20.8 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.589 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

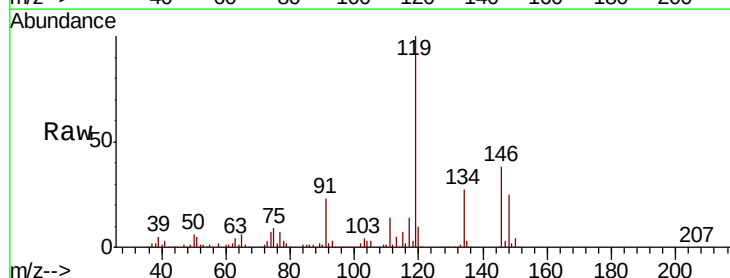
Tgt Ion:119 Resp: 337868

Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.4

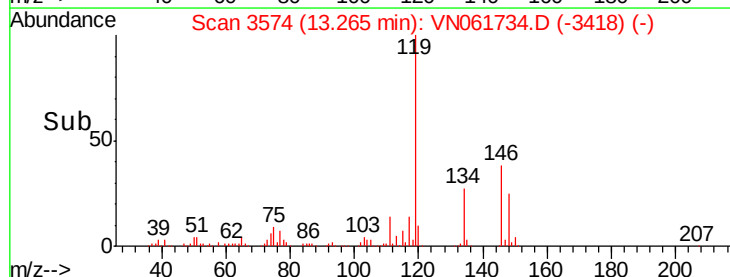
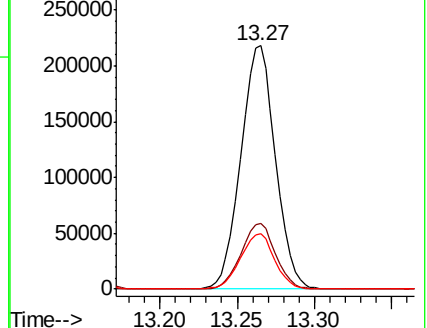
91 22.7 0.0 45.2

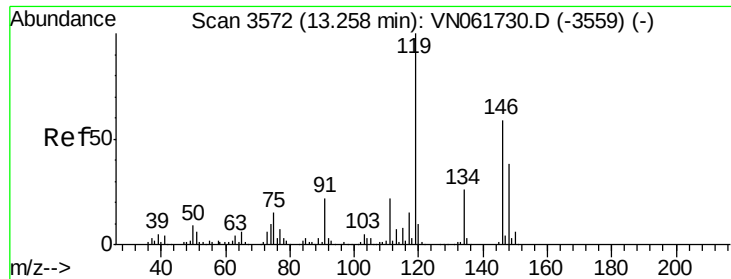


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

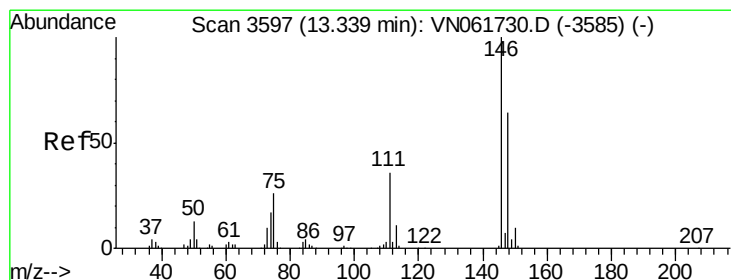
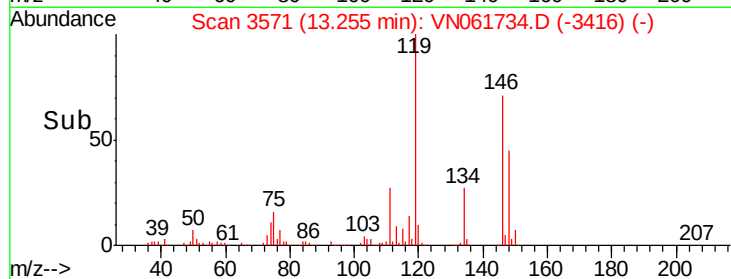
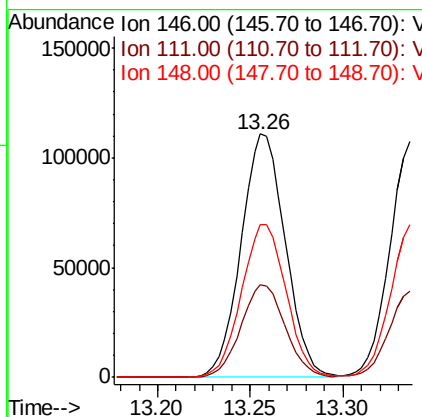
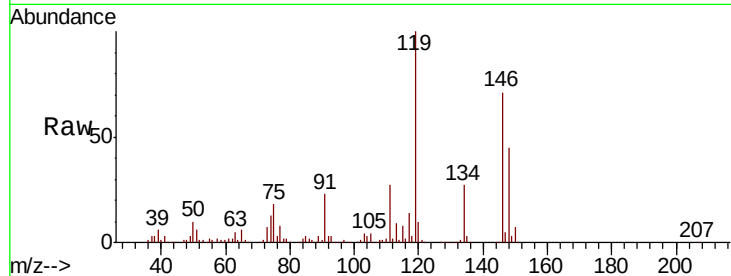




#83
 1,3-Dichlorobenzene
 Concen: 18.110 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

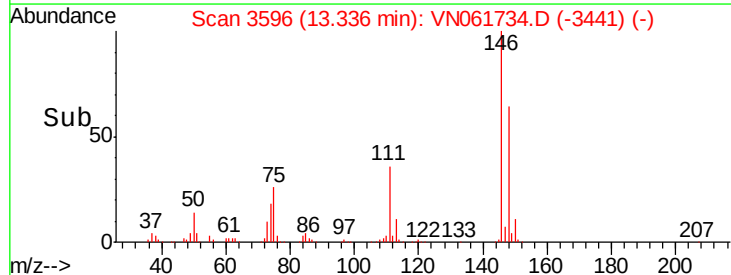
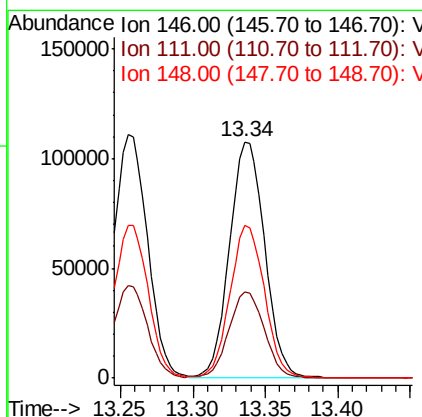
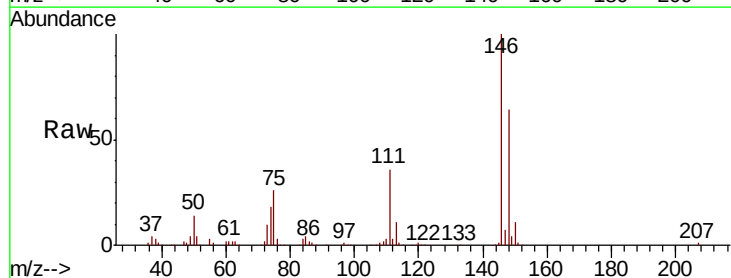
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

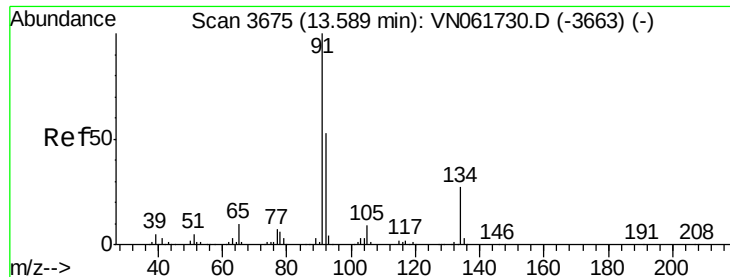
Tot Ion:146 Resp: 183513
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.7 56.1
 148 63.6 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 18.170 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion:146 Resp: 180903
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.9 32.2 96.6





#85

n-Butylbenzene

Concen: 18.445 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

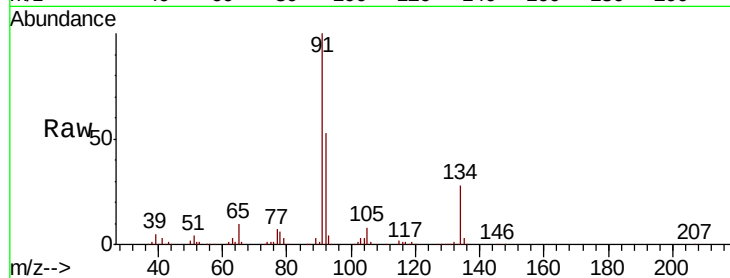
Tot Ion: 91 Resp: 276907

Ion Ratio Lower Upper

91 100

92 53.2 0.0 107.2

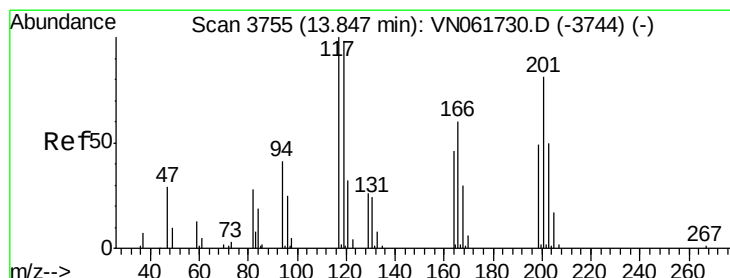
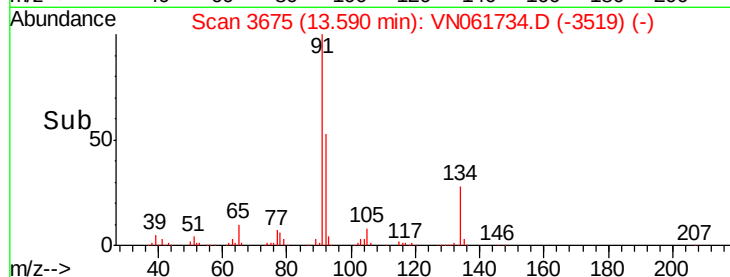
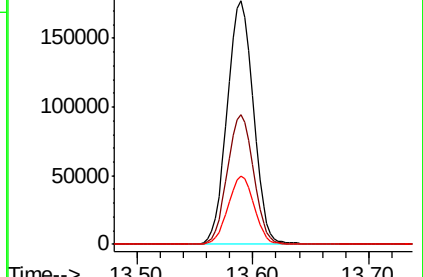
134 27.7 0.0 55.8



Abundance Ion 91.00 (90.70 to 91.70): VN061730.D (-3663) (-)

Ion 92.00 (91.70 to 92.70): VN061730.D (-3663) (-)

Ion 134.00 (133.70 to 134.70): VN061730.D (-3663) (-)



#86

Hexachloroethane

Concen: 18.950 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. 0.00 min

Lab File: VN061734.D

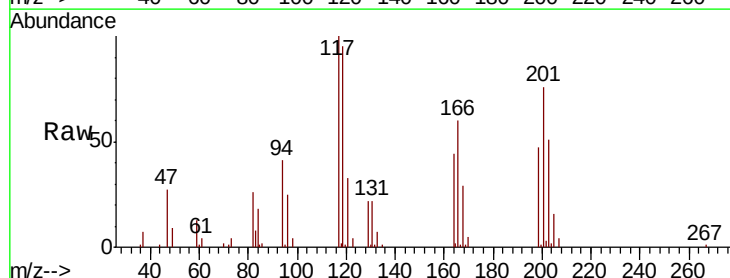
Acq: 10 Jun 2020 13:38

Tgt Ion: 117 Resp: 46894

Ion Ratio Lower Upper

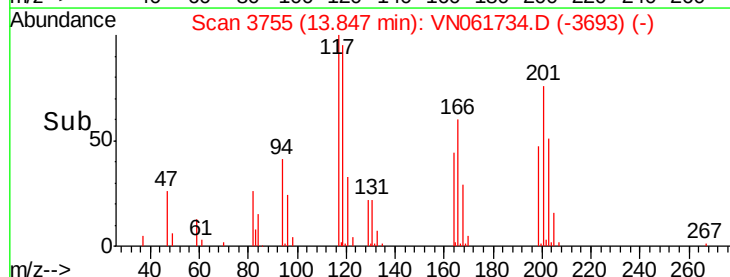
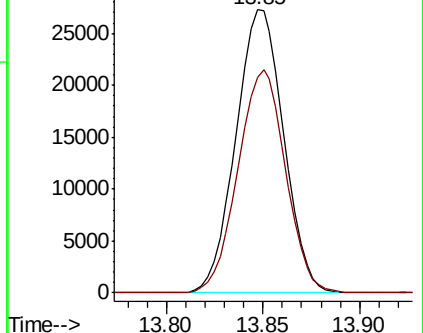
117 100

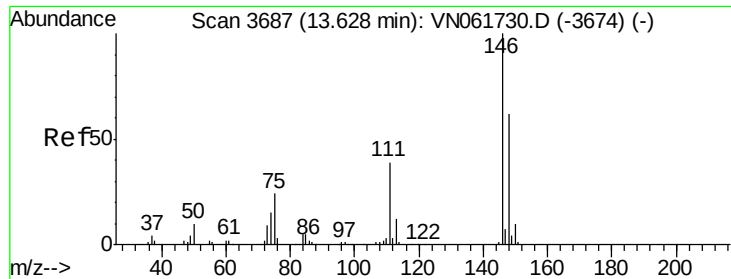
201 78.3 39.1 117.5



Abundance Ion 117.00 (116.70 to 117.70): VN061730.D (-3744) (-)

Ion 201.00 (200.70 to 201.70): VN061730.D (-3744) (-)

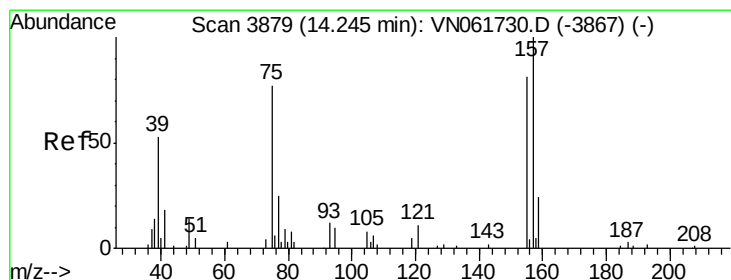
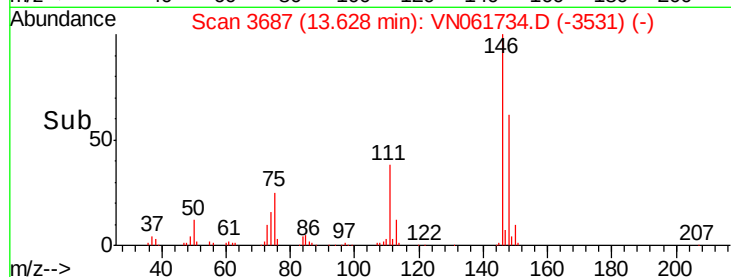
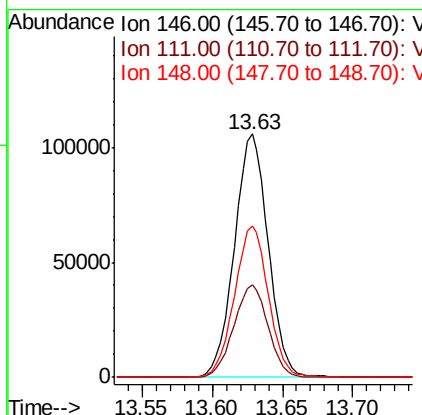
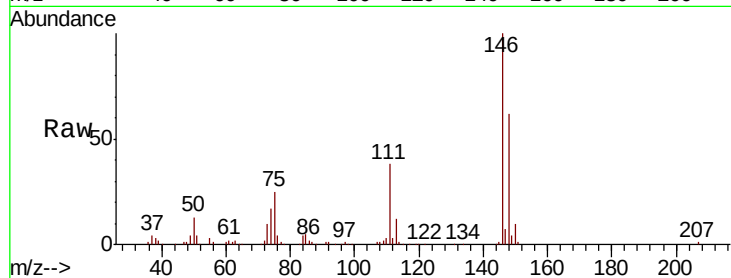




#87
 1,2-Dichlorobenzene
 Concen: 18.465 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

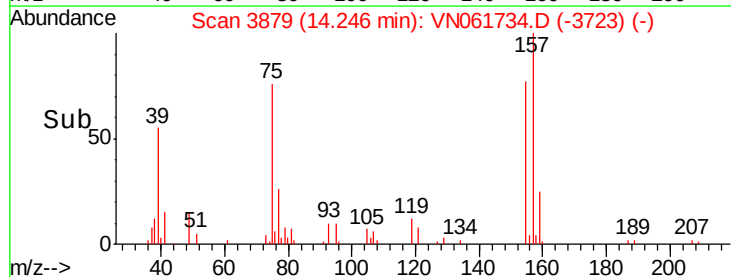
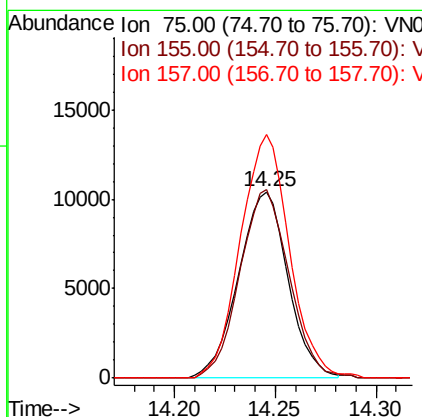
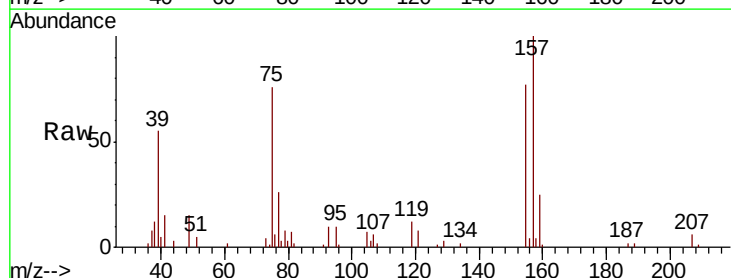
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

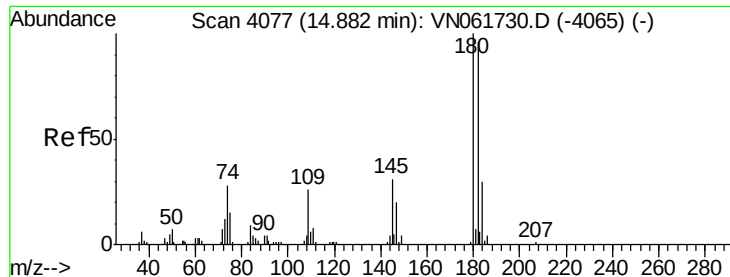
Tot Ion:146 Resp: 177744
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.9
 148 62.5 31.4 94.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.308 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion: 75 Resp: 17949
 Ion Ratio Lower Upper
 75 100
 155 100.4 79.6 119.4
 157 129.3 100.8 151.2

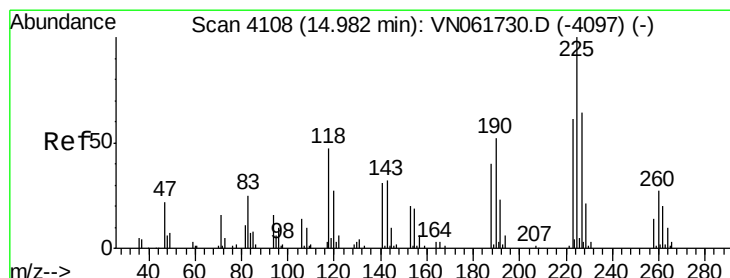
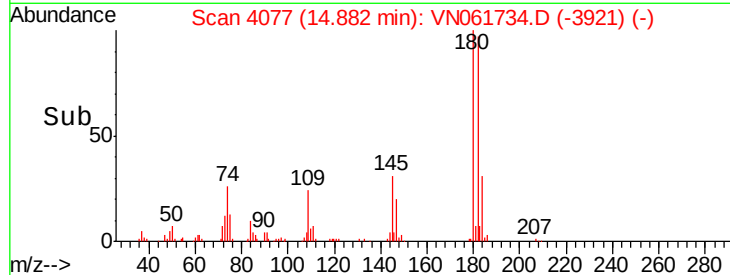
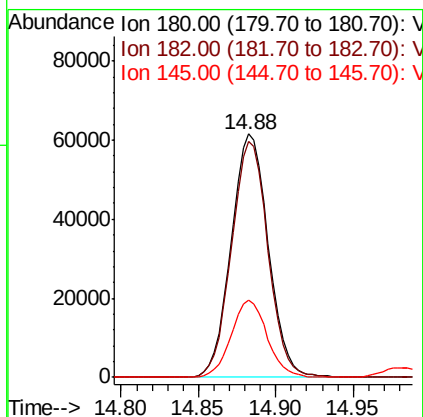
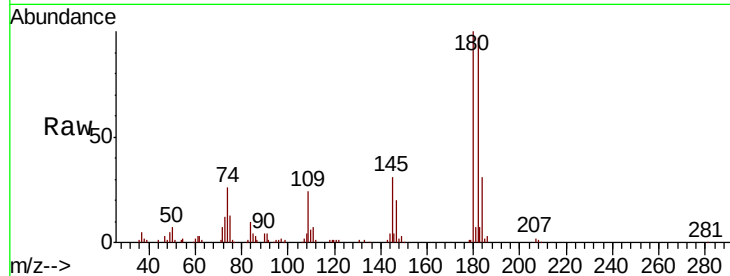




#89
 1,2,4-Trichlorobenzene
 Concen: 18.162 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

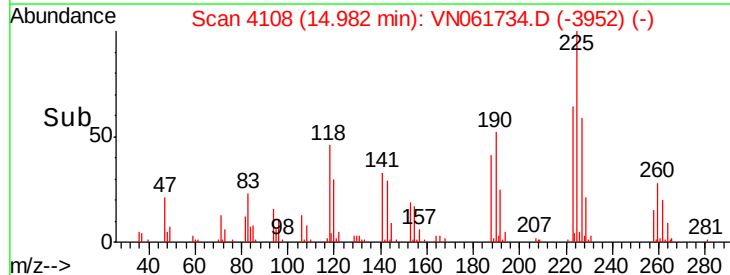
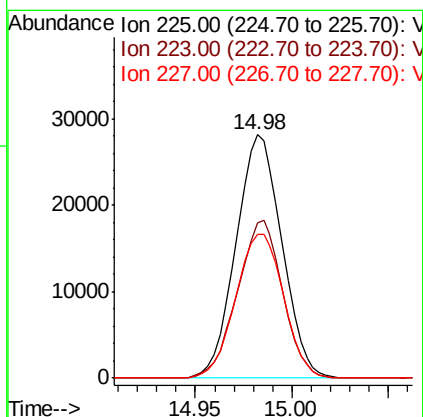
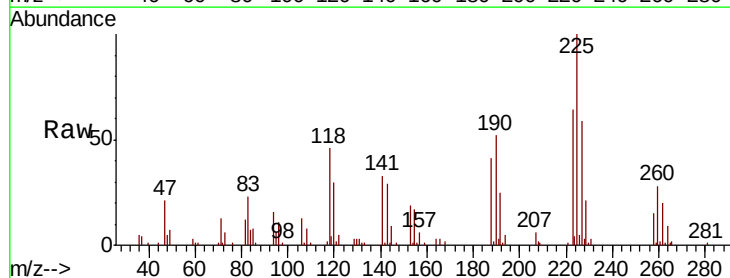
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

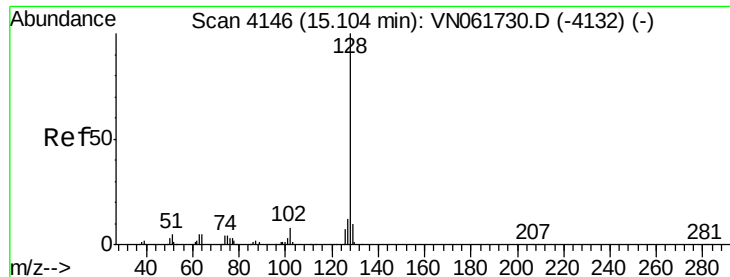
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.6	113.4
145	30.5	24.5	36.7



#90
 Hexachlorobutadiene
 Concen: 18.956 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061734.D
 Acq: 10 Jun 2020 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	121.6
227	61.7	0.0	126.8





#91

Naphthalene

Concen: 17.764 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

BFB

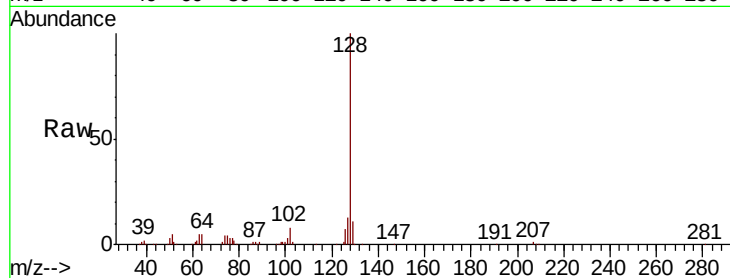
Tot Ion:128 Resp: 278262

Ion Ratio Lower Upper

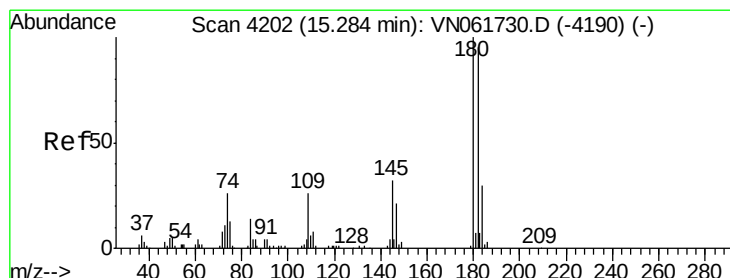
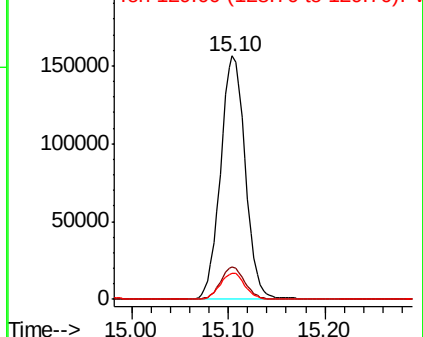
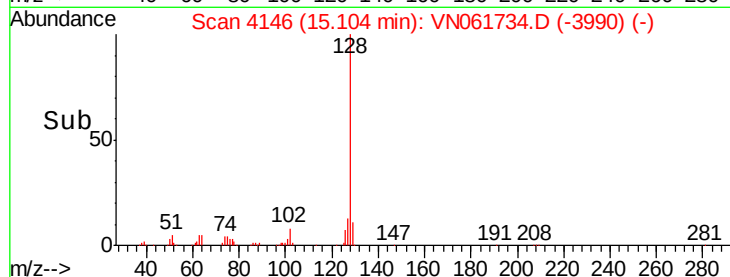
128 100

127 13.0 10.2 15.2

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.054 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061734.D

Acq: 10 Jun 2020 13:38

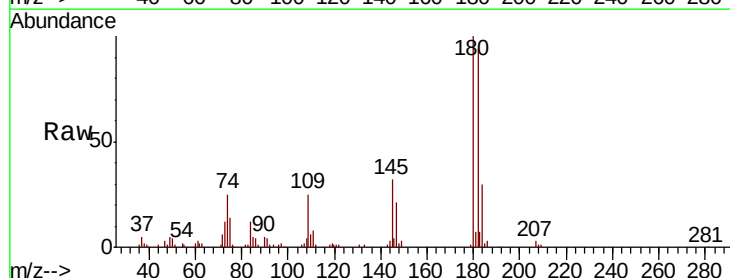
Tgt Ion:180 Resp: 99823

Ion Ratio Lower Upper

180 100

182 96.0 0.0 191.0

145 32.9 0.0 64.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

