

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112718\
 Data File : VN052492.D
 Acq On : 27 Nov 2018 21:39
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Nov 28 06:17:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	190481	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1113008	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	962132	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	381179	29.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.90%
60) 4-Bromofluorobenzene	12.40	95	436903	29.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.00%
63) Toluene-d8	10.09	98	1331894	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	189441	17.462	ug/l 97
3) Chloromethane	2.06	50	254272	17.673	ug/l 100
4) Vinyl Chloride	2.19	62	267469	18.419	ug/l 98
5) Bromomethane	2.58	94	166676	20.131	ug/l 99
6) Chloroethane	2.71	64	159151	18.430	ug/l 100
7) Trichlorofluoromethane	3.02	101	332631	18.561	ug/l 98
8) Diethyl Ether	3.41	74	123346	18.640	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	203020	17.870	ug/l 98
10) 1,1-Dichloroethene	3.74	96	200888	18.807	ug/l 99
11) Methyl Iodide	3.96	142	281306	18.968	ug/l 100
12) Methyl Acetate	4.33	43	162575	17.913	ug/l 96
13) Acrolein	3.61	56	86890	81.502	ug/l 97
14) Acrylonitrile	4.99	53	354440	91.656	ug/l 99
15) Acetone	3.82	58	80969	80.849	ug/l 96
16) Carbon Disulfide	4.06	76	582460	17.223	ug/l 99
17) Allyl chloride	4.33	41	335170	17.992	ug/l 97
18) Methylene Chloride	4.55	84	230129	18.607	ug/l 96
19) trans-1,2-Dichloroethene	5.05	96	216897	18.868	ug/l 92
20) Diisopropyl ether	5.95	45	721962	18.442	ug/l 99
21) 1,1-Dichloroethane	5.85	63	416291	18.657	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	249194	18.915	ug/l 99
23) tert-Butyl Alcohol	4.78	59	50717	88.163	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	544467	19.430	ug/l 99
25) Chloroform	7.37	83	405061	18.818	ug/l 99
26) Cyclohexane	7.65	56	375815	17.858	ug/l # 99
29) 1,1-Dichloropropene	7.80	75	313280	18.432	ug/l 99
30) 2-Butanone	6.83	43	386309	84.939	ug/l 98
31) 2,2-Dichloropropane	6.83	77	263975	16.870	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	330287	18.676	ug/l 97
33) Carbon Tetrachloride	7.77	117	279572	18.067	ug/l 98
34) Benzene	8.04	78	948992	18.571	ug/l 99
35) Methacrylonitrile	7.17	41	100173	17.752	ug/l 95
36) 1,2-Dichloroethane	8.12	62	285269	18.422	ug/l 99
37) Trichloroethene	8.83	130	242083	18.682	ug/l 99
38) Methylcyclohexane	9.08	83	370798	17.623	ug/l 97
39) 1,2-Dichloropropane	9.12	63	250161	18.262	ug/l 99
40) Dibromomethane	9.21	93	139459	18.840	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	294015	17.978	ug/l	100
42) Vinyl Acetate	5.90	43	2205370	89.620	ug/l	99
43) Ethyl Acetate	6.93	43	179139	18.523	ug/l #	71
44) Isopropyl Acetate	8.16	43	317233	18.704	ug/l #	77
45) 1,4-Dioxane	9.20	88	31264	336.942	ug/l	97
46) Methyl methacrylate	9.20	41	163857	18.607	ug/l	96
47) n-amyl Acetate	12.07	43	245211	17.437	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	280412	17.683	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	342623	17.734	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	200991	19.155	ug/l	98
51) Ethyl methacrylate	10.43	69	242951	18.435	ug/l	97
52) 1,3-Dichloropropane	10.71	76	341536	18.287	ug/l	100
53) Dibromochloromethane	10.90	129	209019	18.093	ug/l	98
54) 1,2-Dibromoethane	11.01	107	193128	18.836	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	720505	93.402	ug/l	99
56) Bromoform	12.13	173	133801	17.720	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	871902	93.475	ug/l	99
59) 2-Hexanone	10.75	43	562767	88.321	ug/l	98
61) Tetrachloroethene	10.63	164	234140	19.759	ug/l	97
62) Toluene	10.16	91	1041155	19.630	ug/l	100
64) Chlorobenzene	11.43	112	618574	19.107	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	210889	18.767	ug/l	99
66) Ethyl Benzene	11.51	91	1078558	18.868	ug/l	99
67) m/p-Xylenes	11.62	106	821951	38.595	ug/l	100
68) o-Xylene	11.95	106	402325	19.464	ug/l	98
69) Styrene	11.96	104	630731	18.904	ug/l	100
70) Isopropylbenzene	12.25	105	1045572	19.011	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	227648	19.028	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	277485	27.019	ug/l	51
73) Bromobenzene	12.53	156	258191	19.410	ug/l	95
74) n-propylbenzene	12.59	91	1182628	18.455	ug/l	100
75) 2-Chlorotoluene	12.68	91	712826	19.164	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	851383	19.165	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	54354	16.754	ug/l	95
78) 4-Chlorotoluene	12.77	91	688429	18.534	ug/l	99
79) tert-butylbenzene	12.99	119	747729	19.328	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	855791	19.253	ug/l	99
81) sec-Butylbenzene	13.17	105	1010580	18.754	ug/l	100
82) p-Isopropyltoluene	13.29	119	855263	18.639	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	435441	18.613	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	421373	18.643	ug/l	100
85) n-Butylbenzene	13.62	91	692163	17.561	ug/l	100
86) Hexachloroethane	13.88	117	137508	17.687	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	426097	19.140	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	31808	18.980	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	199159	18.158	ug/l	98
90) Hexachlorobutadiene	15.01	225	136687	18.997	ug/l	99
91) Naphthalene	15.14	128	410833	18.548	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	188103	18.610	ug/l	98

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QLast Update : Tue Nov 27 00:48:33 2018
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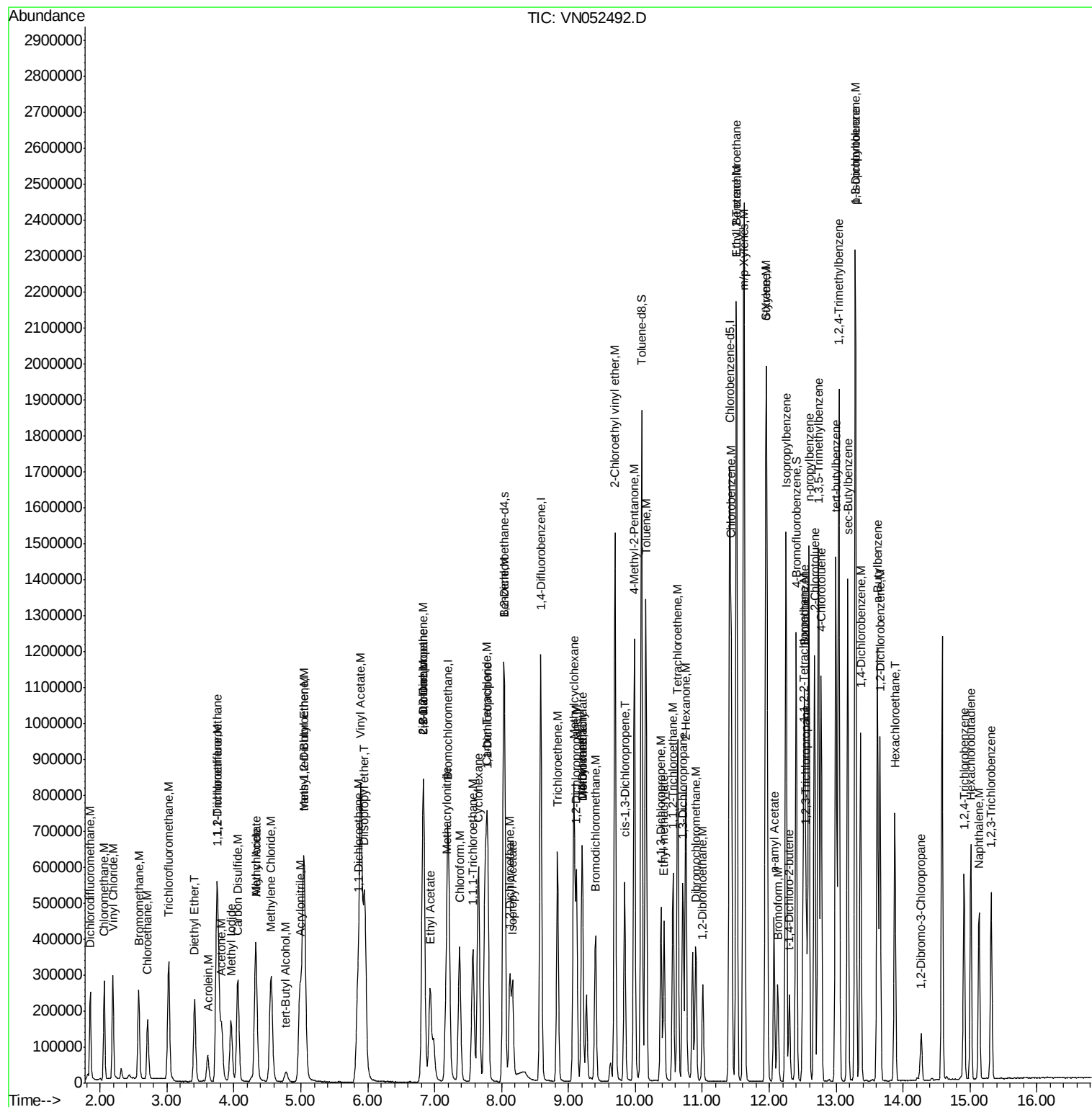
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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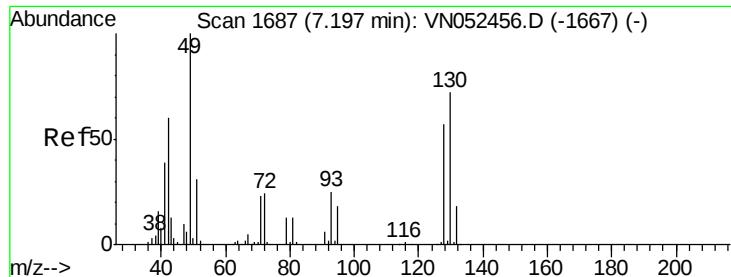
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 28 06:17:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :
MSVOA_N
ClientSampled :
BFB

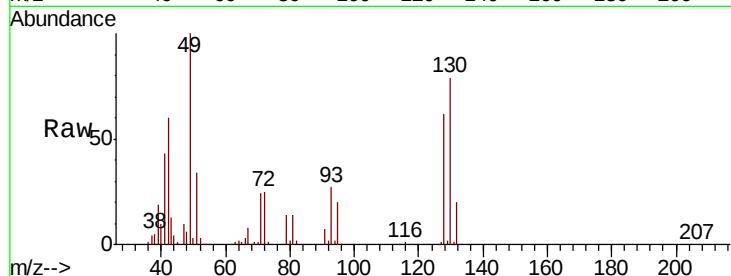
Tot Ion:128 Resp: 190481

Ion Ratio Lower Upper

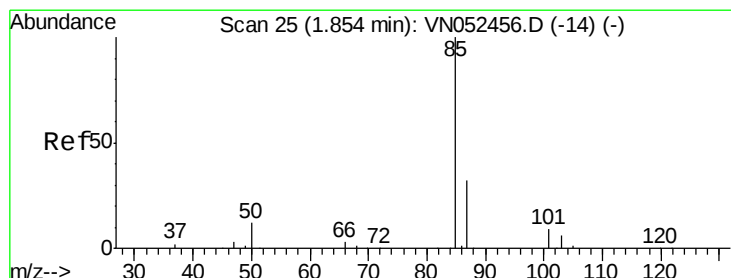
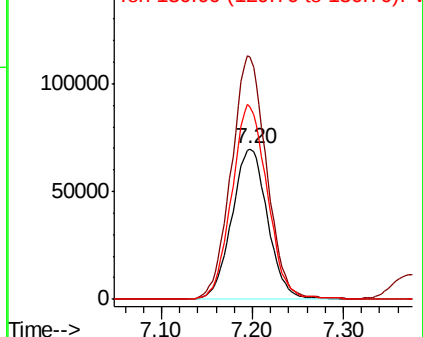
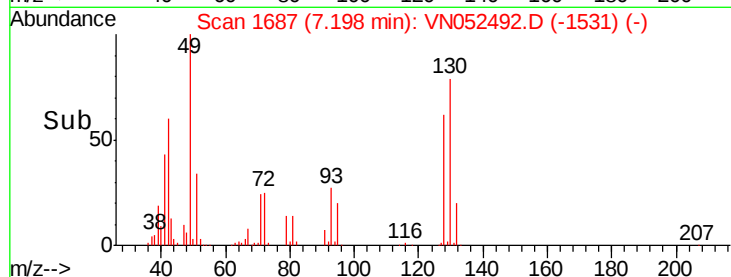
128 100

49 159.9 0.0 431.8

130 127.6 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.462 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052492.D

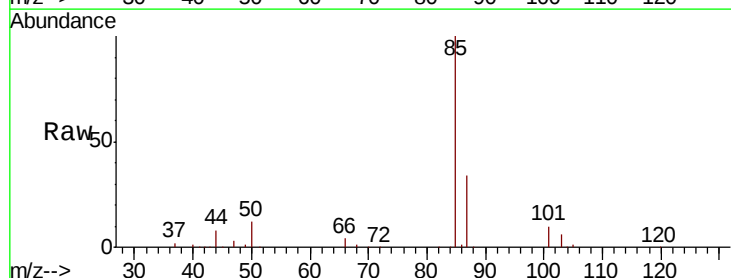
Acq: 27 Nov 2018 21:39

Tgt Ion: 85 Resp: 189441

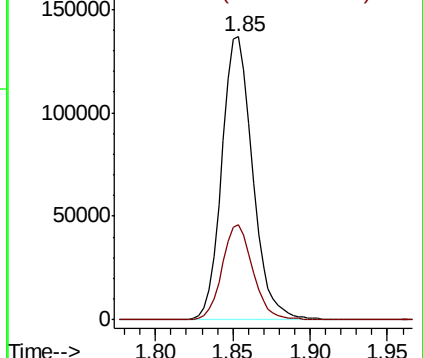
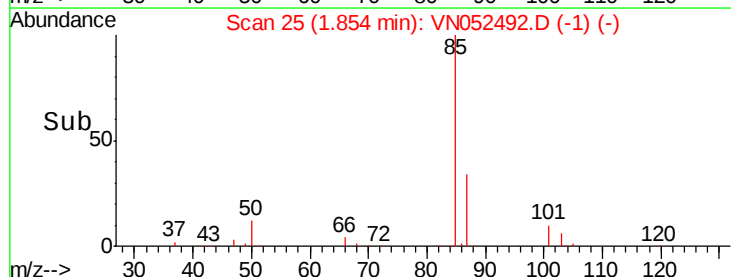
Ion Ratio Lower Upper

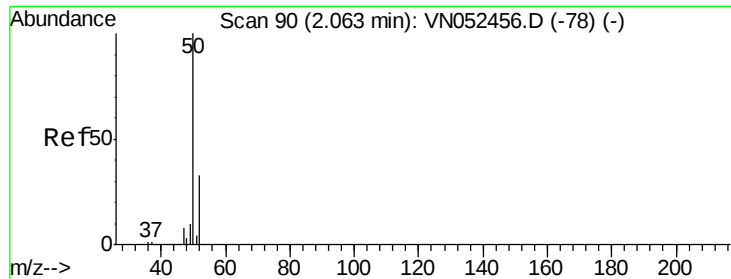
85 100

87 33.7 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 17.673 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

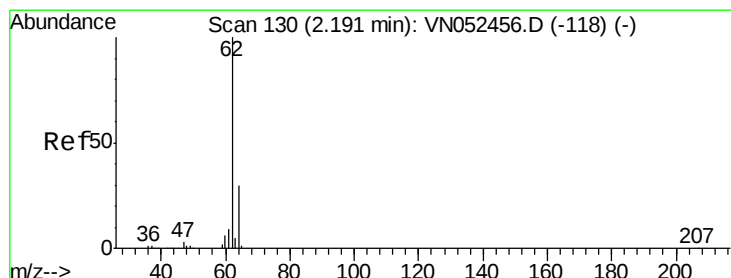
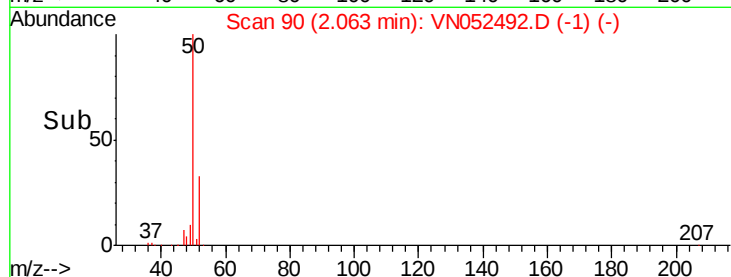
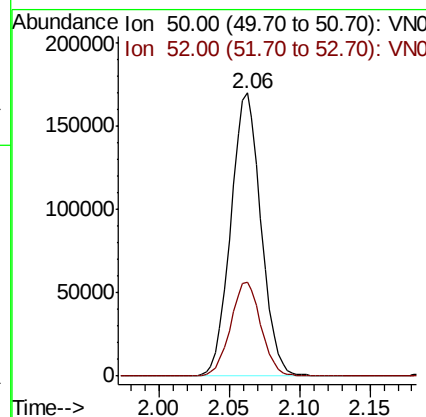
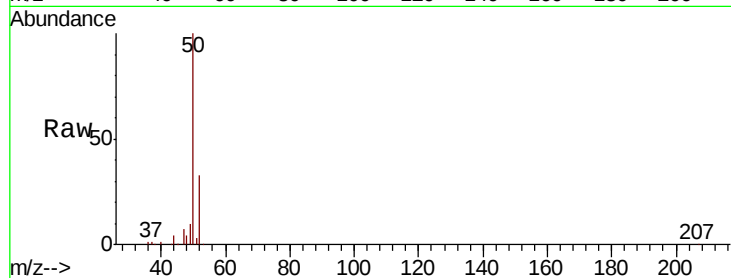
BFB

Tot Ion: 50 Resp: 254272

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 18.419 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052492.D

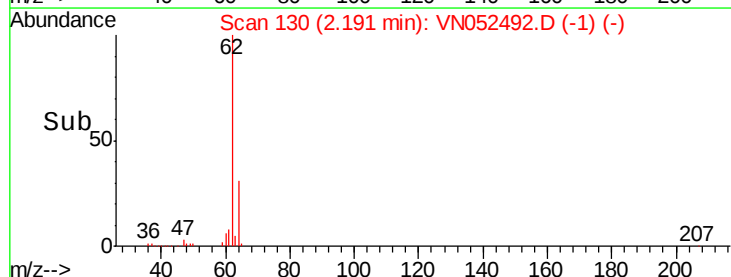
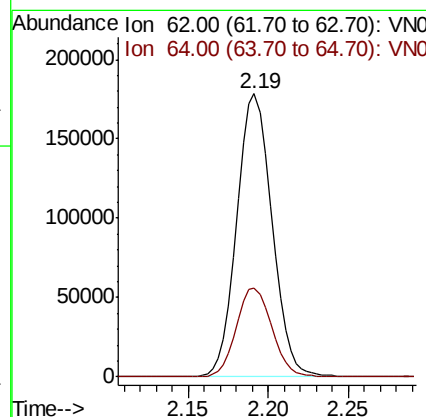
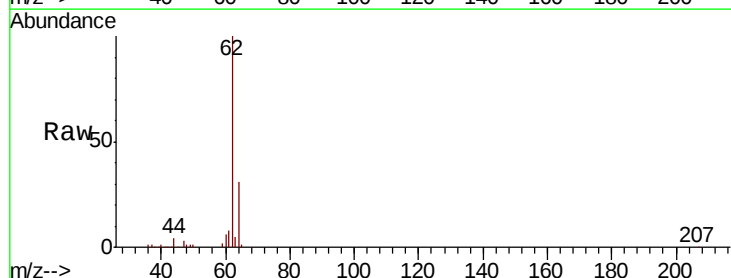
Acq: 27 Nov 2018 21:39

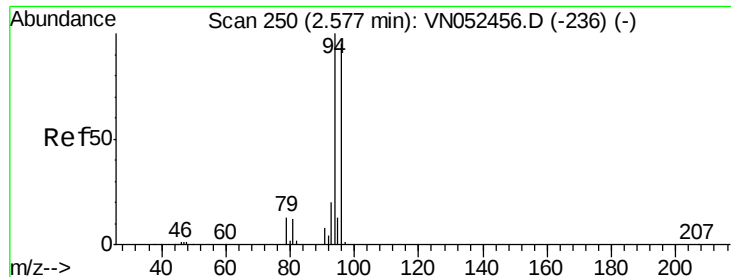
Tgt Ion: 62 Resp: 267469

Ion Ratio Lower Upper

62 100

64 31.5 24.2 36.4





#5

Bromomethane

Concen: 20.131 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

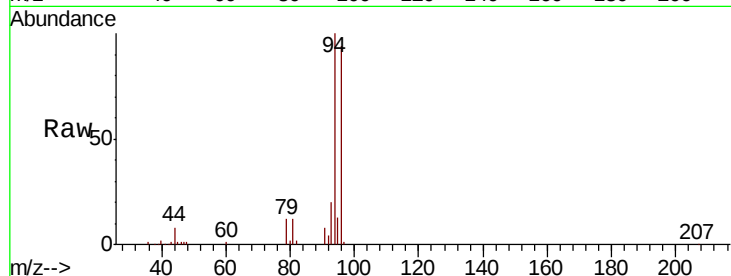
BFB

Tot Ion: 94 Resp: 166676

Ion Ratio Lower Upper

94 100

96 94.3 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VN052456.D (-236) (-)

Ion 96.00 (95.70 to 96.70): VN052456.D (-236) (-)

2.58

100000

80000

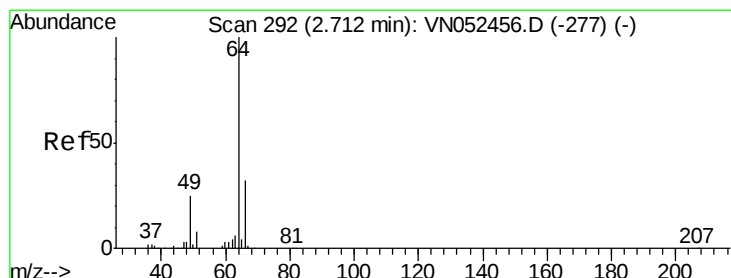
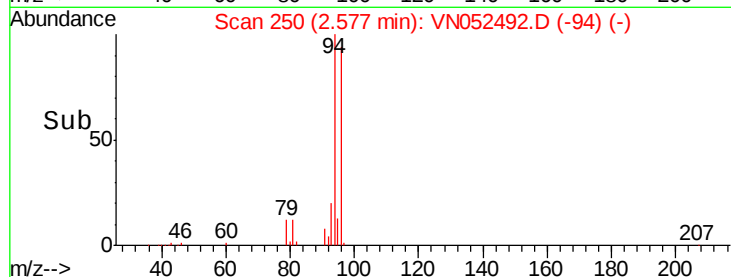
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 18.430 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052492.D

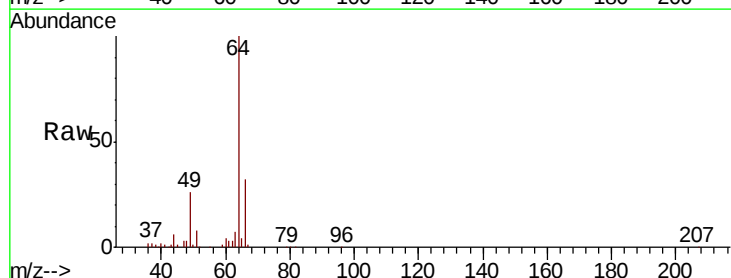
Acq: 27 Nov 2018 21:39

Tgt Ion: 64 Resp: 159151

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VN052456.D (-277) (-)

Ion 66.00 (65.70 to 66.70): VN052456.D (-277) (-)

2.71

80000

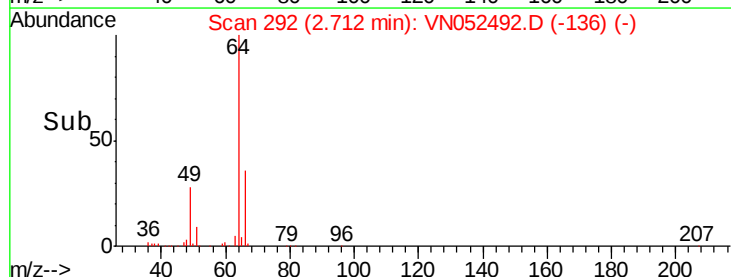
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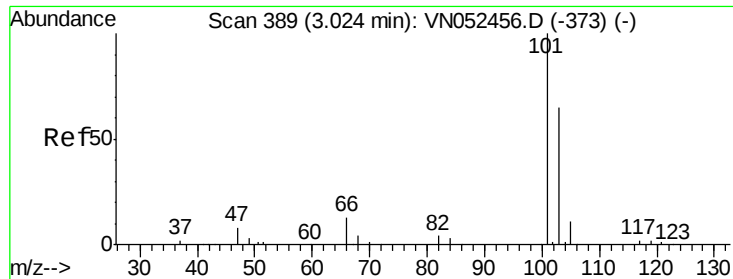
40000

20000

0

Time-->



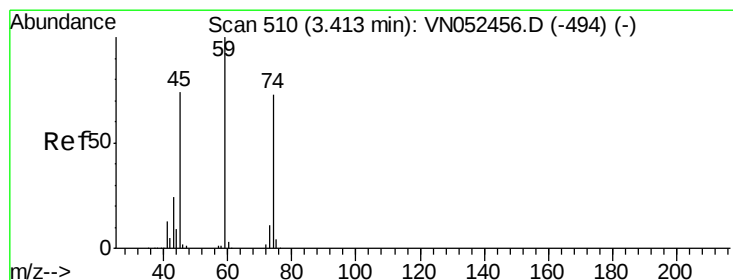
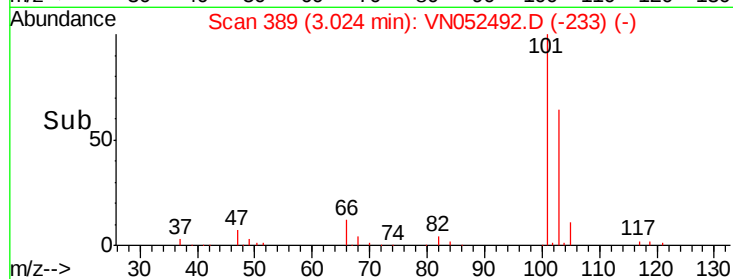
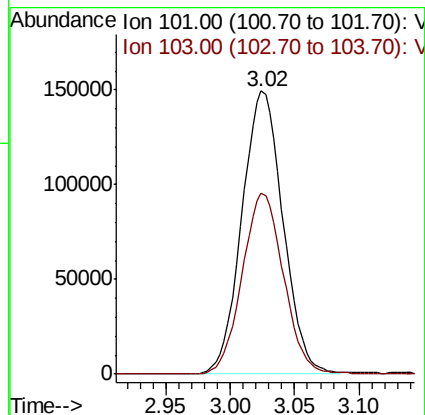
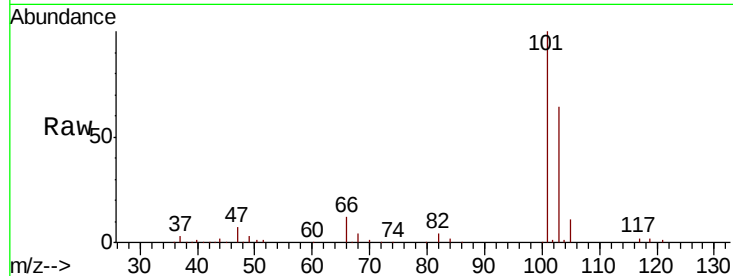


#7

Trichlorofluoromethane
Concen: 18.561 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Instrument :
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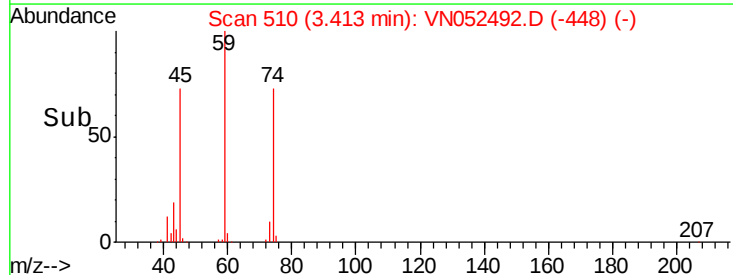
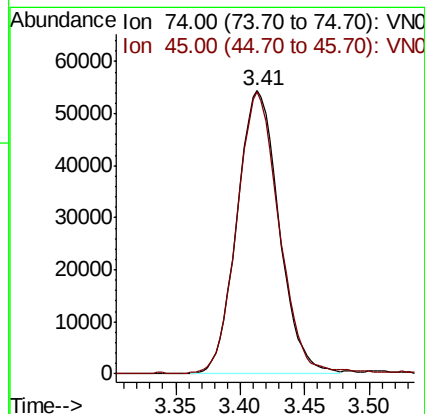
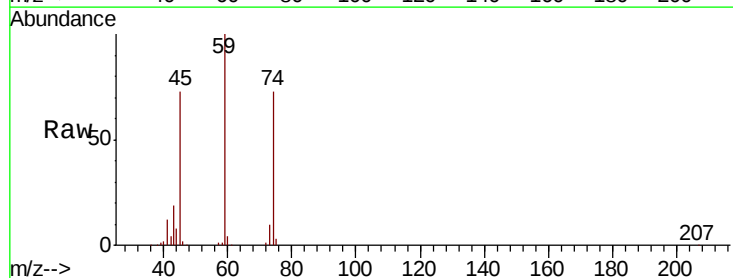
Tot Ion:101 Resp: 332631
Ion Ratio Lower Upper
101 100
103 63.7 52.1 78.1

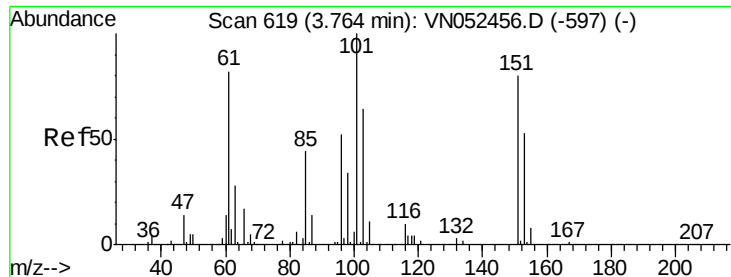


#8

Diethyl Ether
Concen: 18.640 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 74 Resp: 123346
Ion Ratio Lower Upper
74 100
45 98.3 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.870 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

BFB

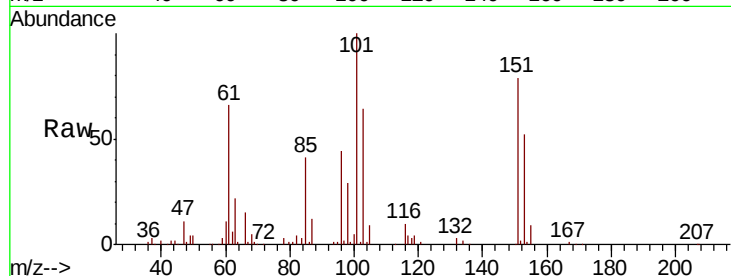
Tot Ion:101 Resp: 203020

Ion Ratio Lower Upper

101 100

85 42.2 0.0 82.6

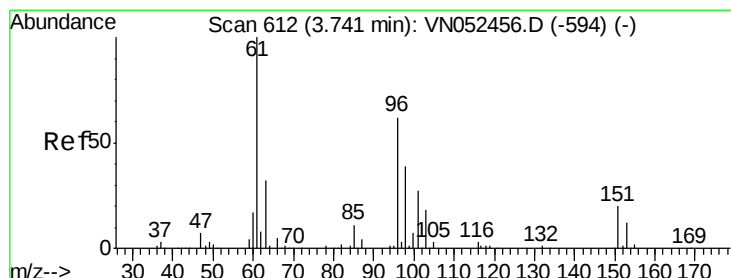
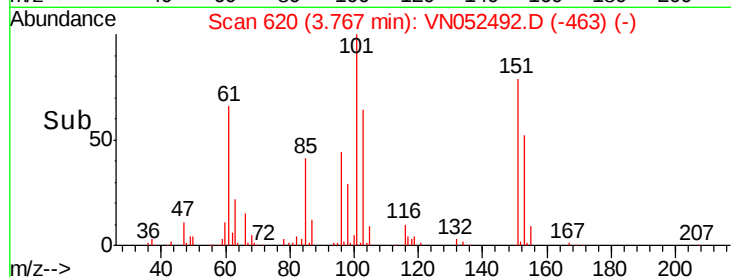
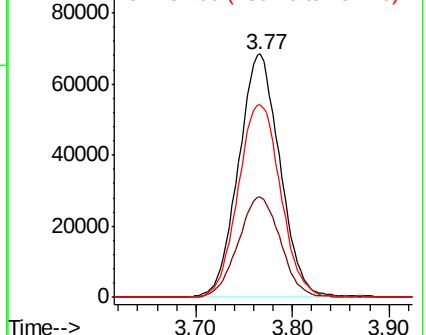
151 81.4 0.0 158.4



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: 18.807 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

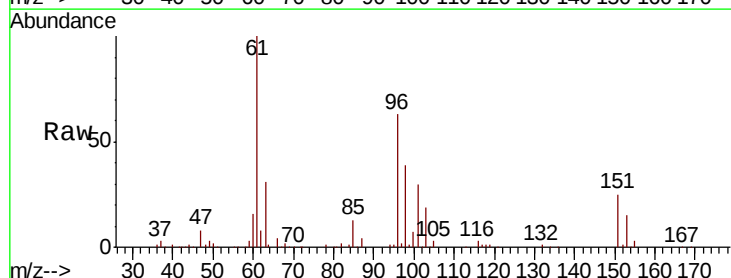
Tgt Ion: 96 Resp: 200888

Ion Ratio Lower Upper

96 100

61 159.7 129.4 194.2

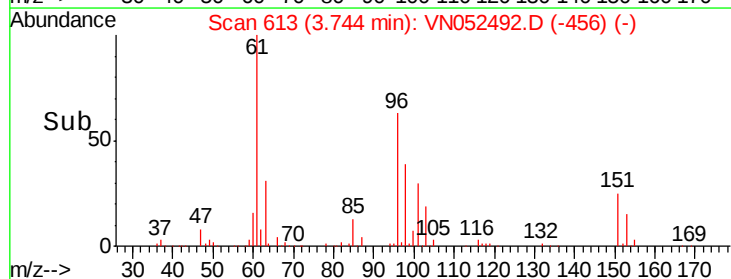
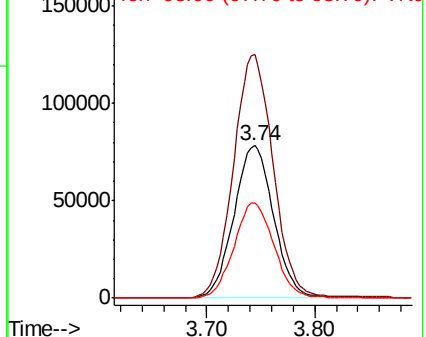
98 62.3 50.4 75.6

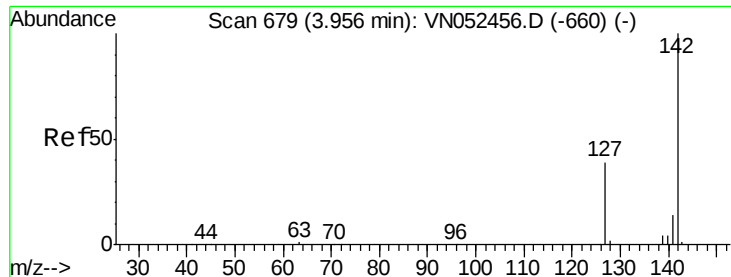


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

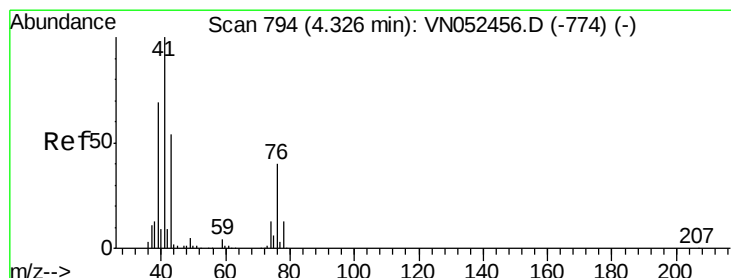
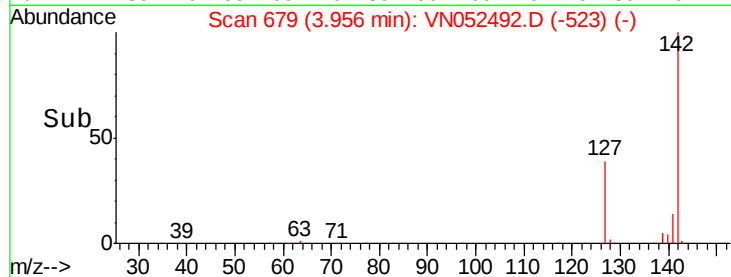
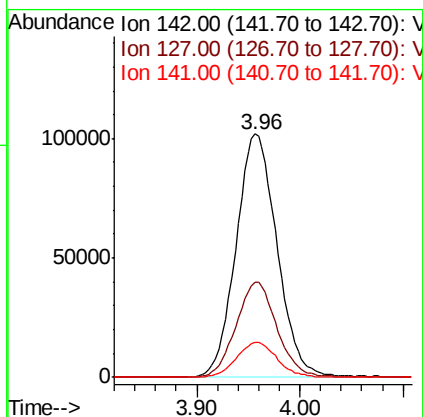
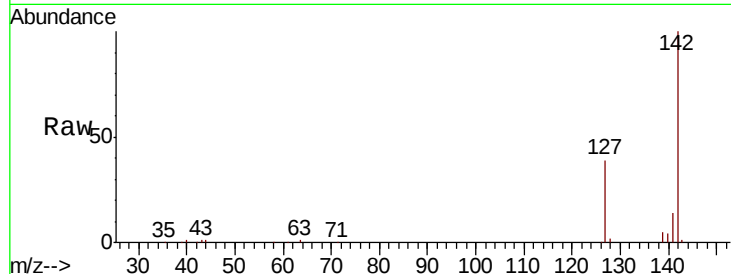




#11
Methvl Iodide
Concen: 18.968 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

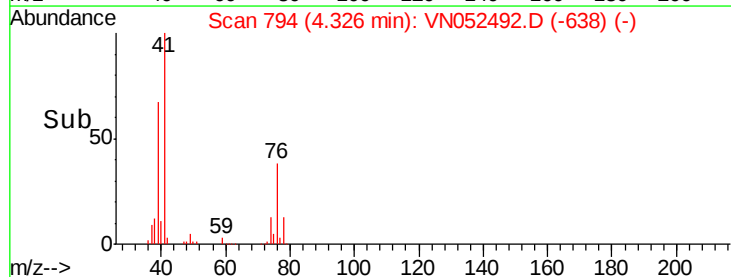
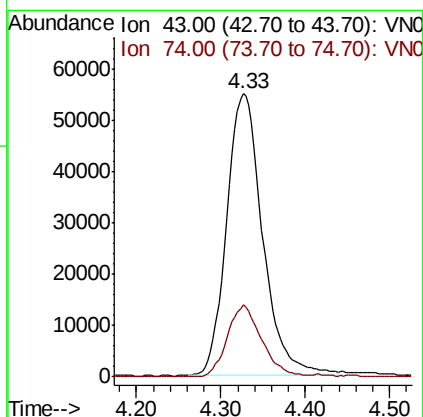
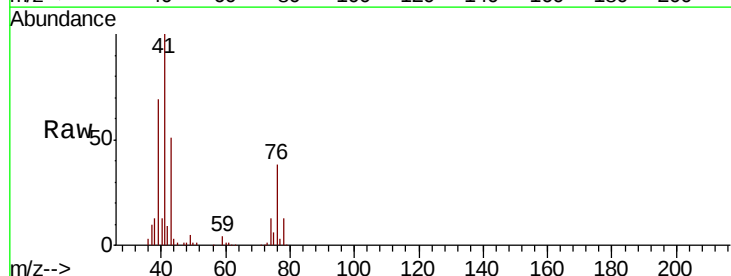
Instrument :
MSVOA_N
ClientSampled :
BFB

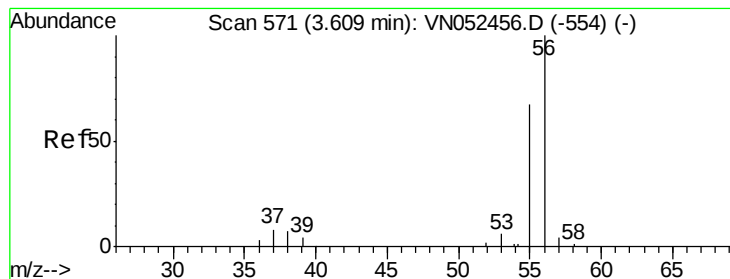
Tot Ion:142 Resp: 281306
Ion Ratio Lower Upper
142 100
127 38.9 19.4 58.1
141 14.3 7.2 21.6



#12
Methyl Acetate
Concen: 17.913 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 43 Resp: 162575
Ion Ratio Lower Upper
43 100
74 25.4 18.9 28.3





#13

Acrolein

Concen: 81.502 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

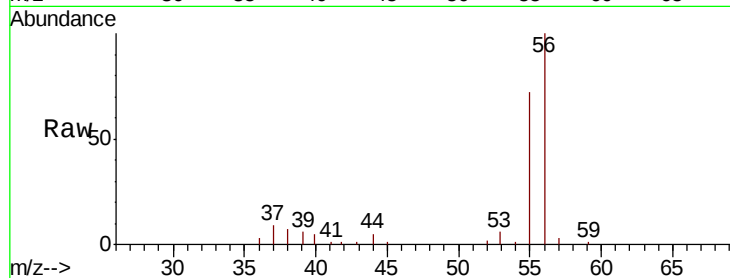
BFB

Tot Ion: 56 Resp: 86890

Ion Ratio Lower Upper

56 100

55 68.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN052456.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN052456.D (-554) (-)

3.61

40000

30000

20000

10000

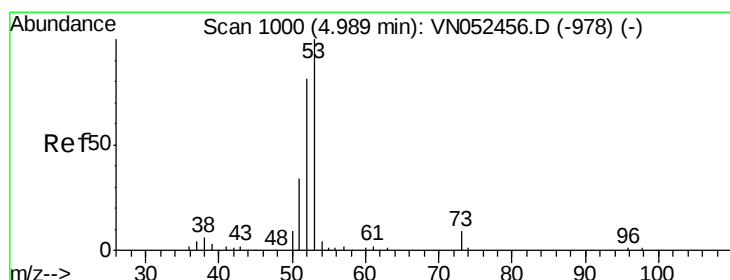
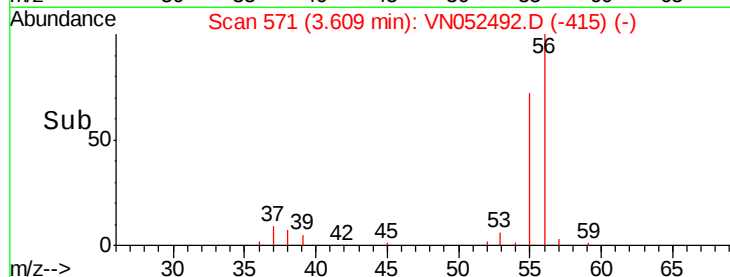
0

Time-->

3.50

3.60

3.70



#14

Acrylonitrile

Concen: 91.656 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

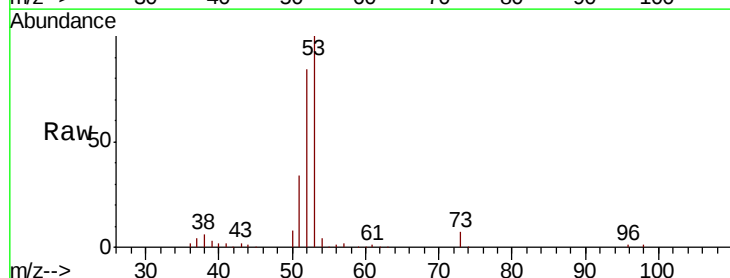
Tgt Ion: 53 Resp: 354440

Ion Ratio Lower Upper

53 100

52 81.0 39.9 119.7

51 34.8 17.6 52.9



Abundance Ion 53.00 (52.70 to 53.70): VN052456.D (-978) (-)

Ion 52.00 (51.70 to 52.70): VN052456.D (-978) (-)

Ion 51.00 (50.70 to 51.70): VN052456.D (-978) (-)

4.99

100000

50000

0

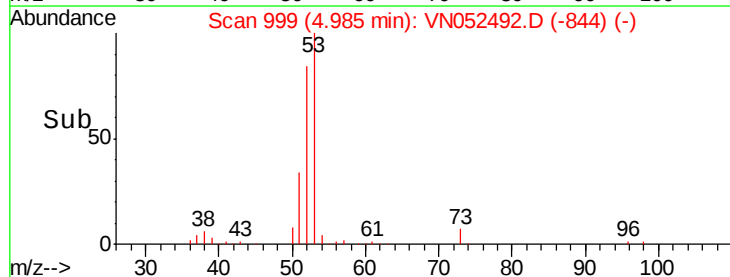
Time-->

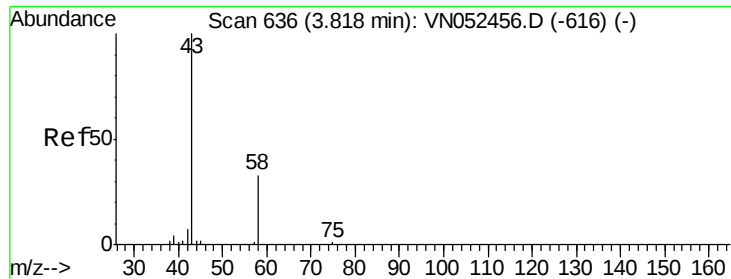
4.90

5.00

5.10

5.20





#15

Acetone

Concen: 80.849 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

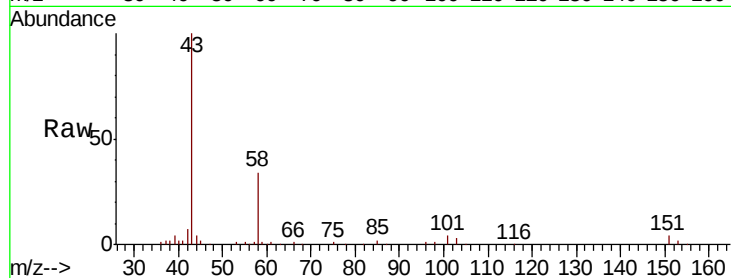
BFB

Tot Ion: 58 Resp: 80969

Ion Ratio Lower Upper

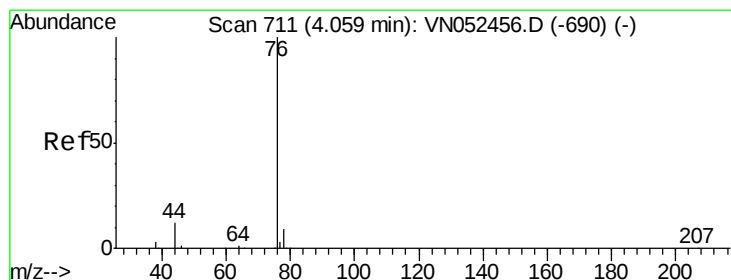
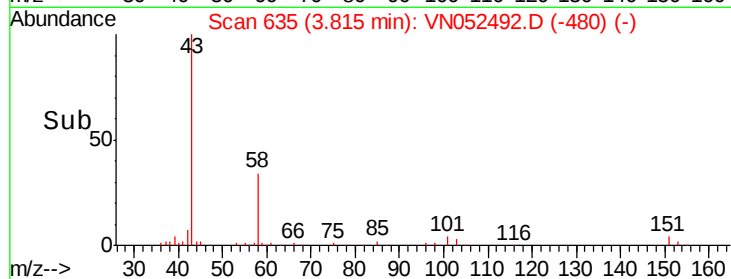
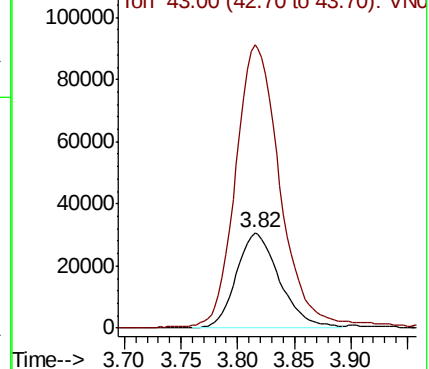
58 100

43 295.6 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN052492.D (-480) (-)

Ion 43.00 (42.70 to 43.70): VN052492.D (-480) (-)



#16

Carbon Disulfide

Concen: 17.223 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052492.D

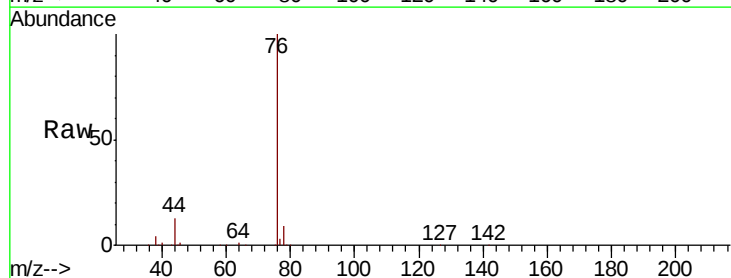
Acq: 27 Nov 2018 21:39

Tgt Ion: 76 Resp: 582460

Ion Ratio Lower Upper

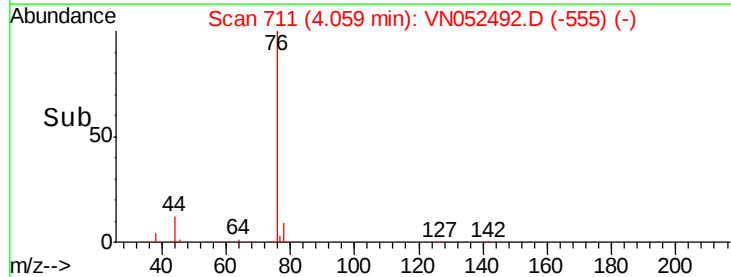
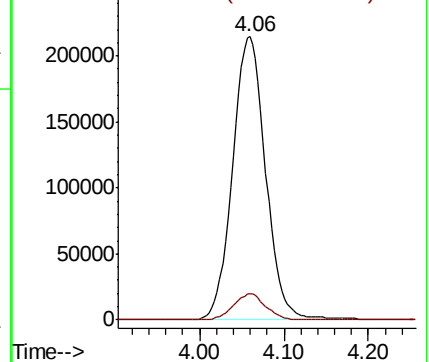
76 100

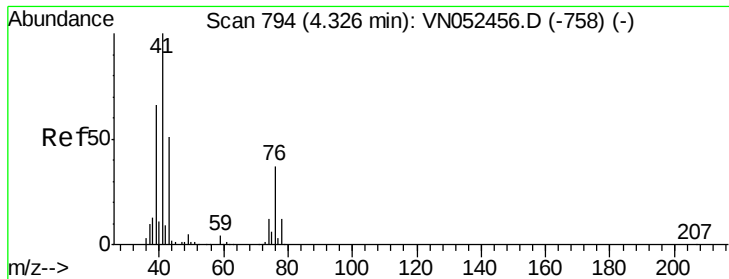
78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN052492.D (-555) (-)

Ion 78.00 (77.70 to 78.70): VN052492.D (-555) (-)

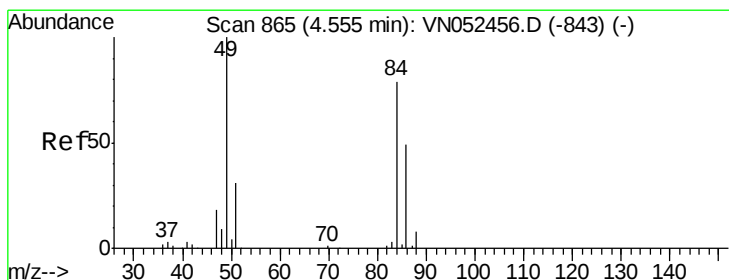
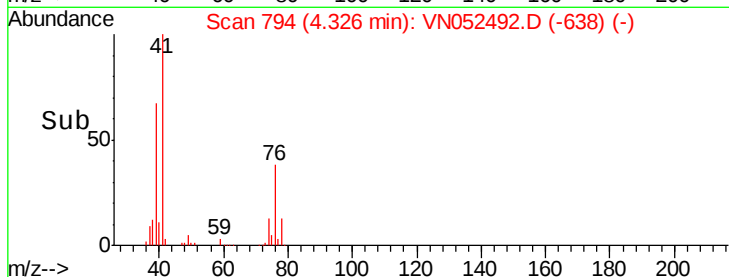
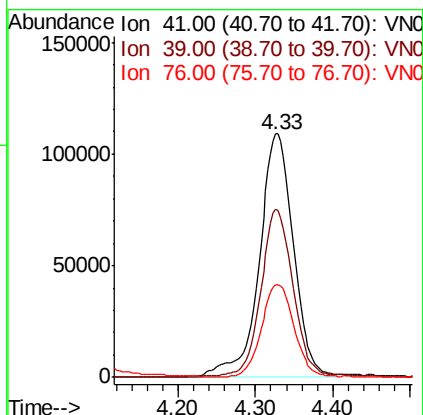
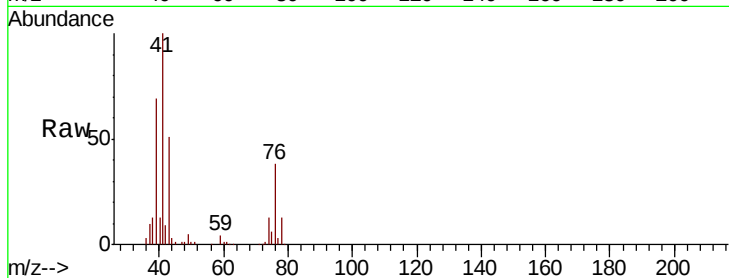




#17
Allvl chloride
Concen: 17.992 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

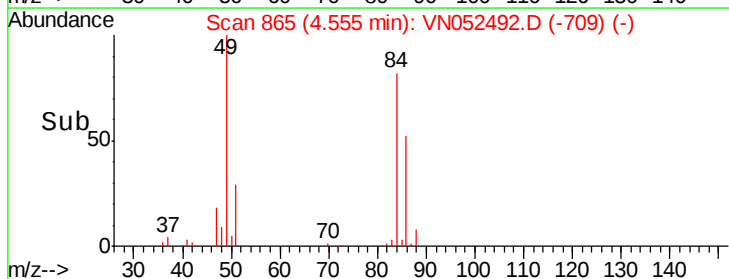
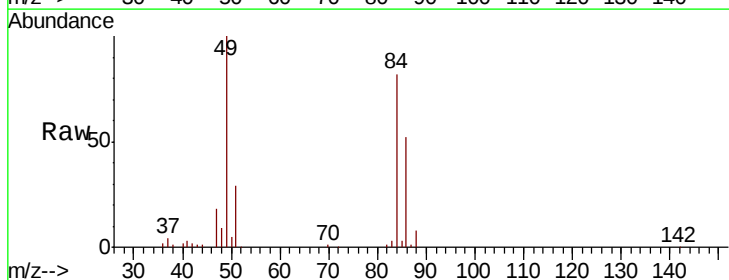
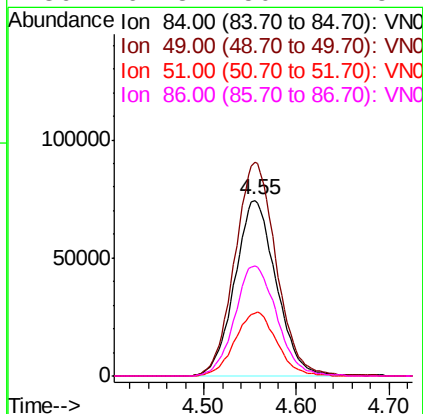
Instrument :
MSVOA_N
ClientSampled :
BFB

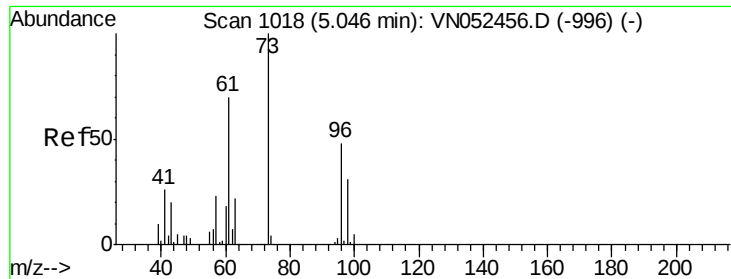
Tot Ion: 41 Resp: 335170
Ion Ratio Lower Upper
41 100
39 69.2 32.8 98.3
76 37.4 18.6 55.8



#18
Methylene Chloride
Concen: 18.607 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 84 Resp: 230129
Ion Ratio Lower Upper
84 100
49 121.4 101.4 152.0
51 35.8 31.7 47.5
86 62.8 50.1 75.1

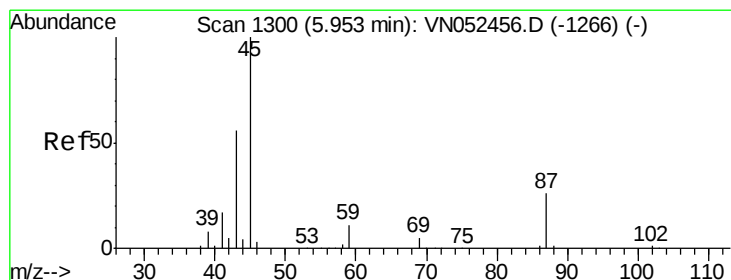
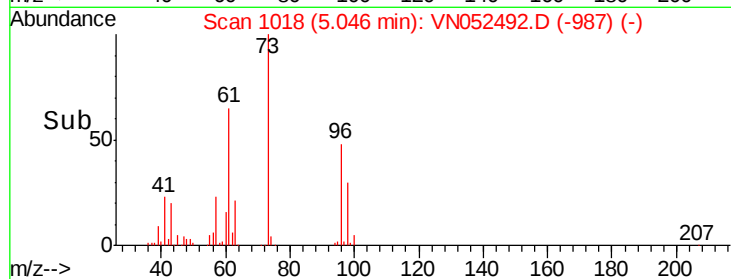
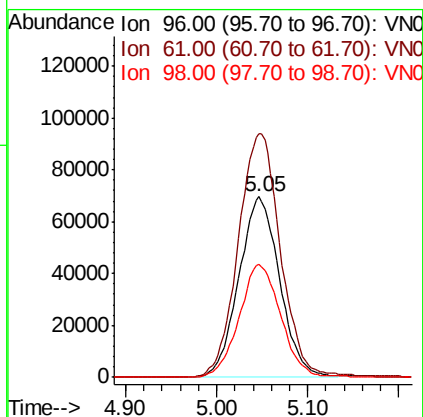
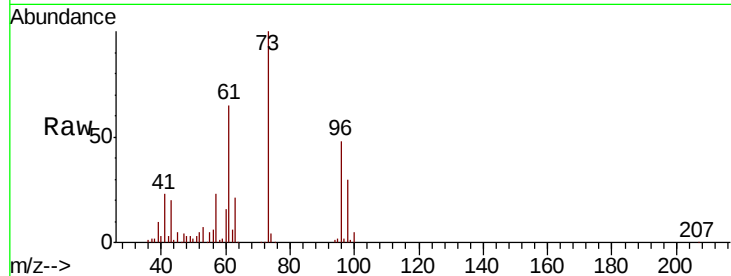




#19
trans-1,2-Dichloroethene
Concen: 18.868 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

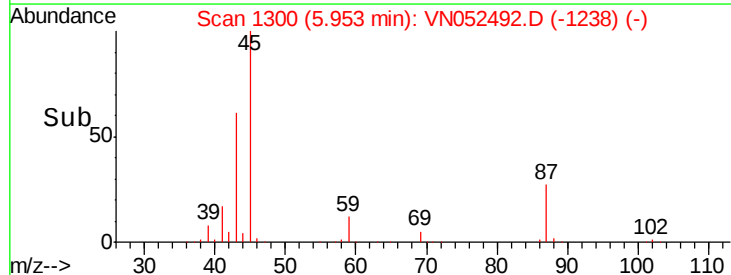
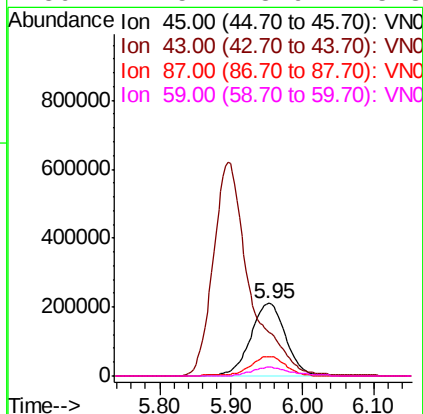
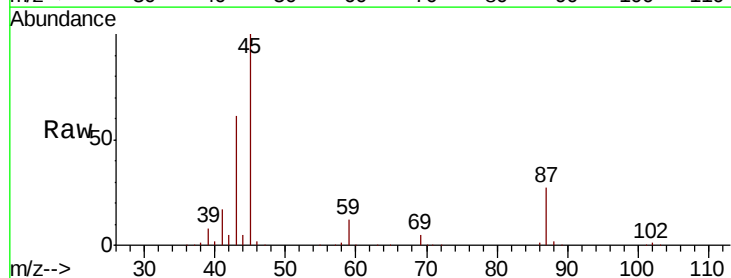
Instrument :
MSVOA_N
ClientSampleId :
BFB

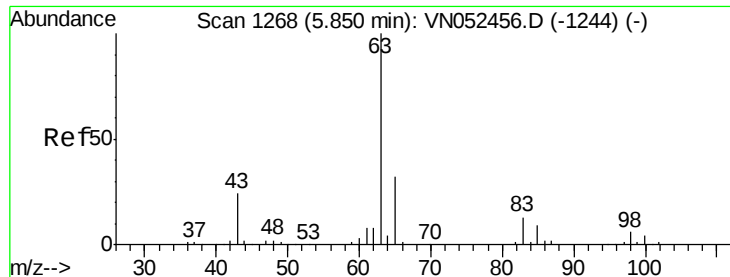
Tot Ion: 96 Resp: 216897
Ion Ratio Lower Upper
96 100
61 134.8 118.2 177.4
98 62.6 51.4 77.2



#20
Diisopropyl ether
Concen: 18.442 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 45 Resp: 721962
Ion Ratio Lower Upper
45 100
43 58.7 47.8 71.8
87 26.9 21.3 31.9
59 11.5 8.9 13.3

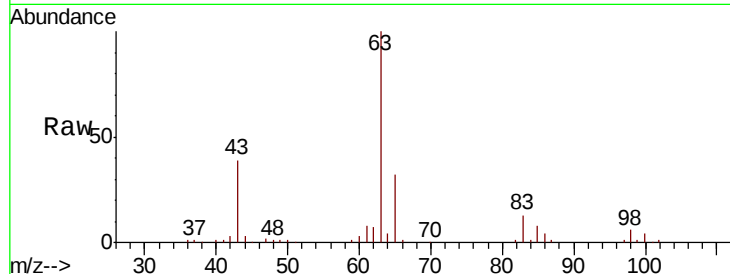




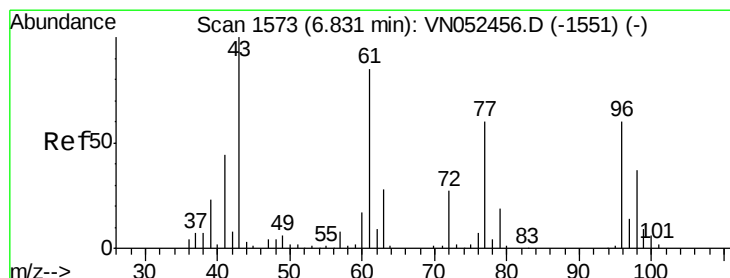
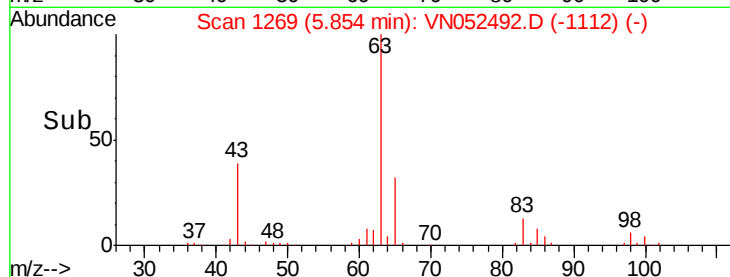
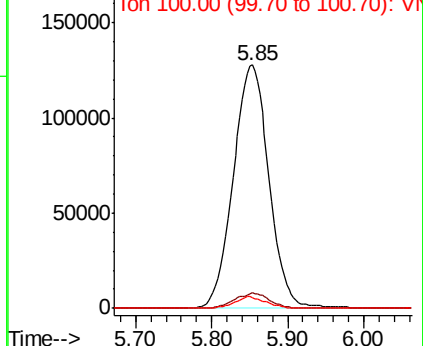
#21
 1,1-Dichloroethane
 Concen: 18.657 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	4.4	1.8	5.5

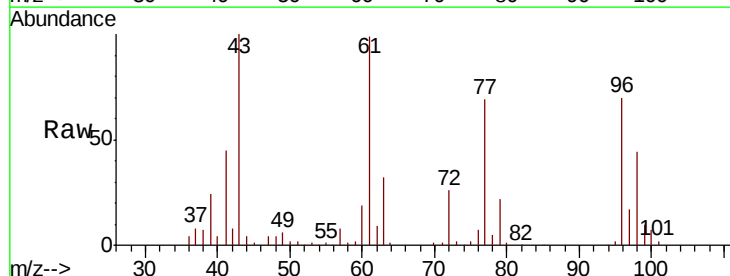


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

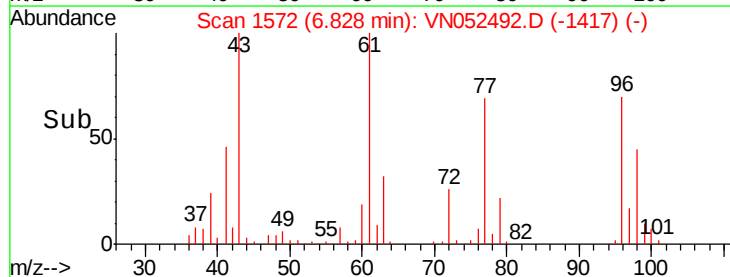
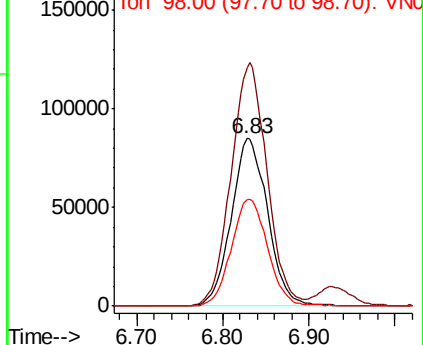


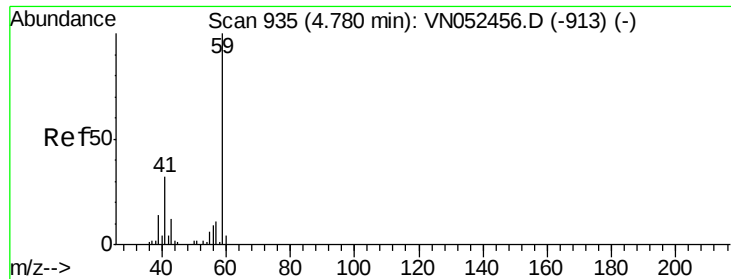
#22
 cis-1,2-Dichloroethene
 Concen: 18.915 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.5	116.7	175.1
98	63.6	50.8	76.2



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



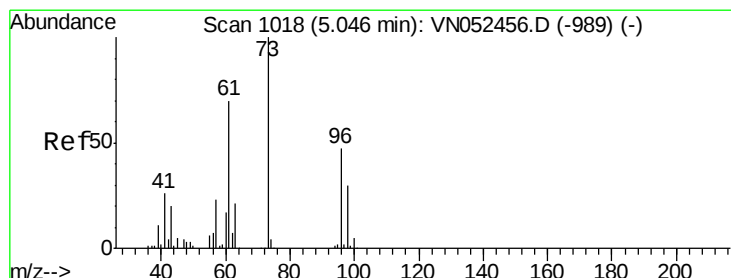
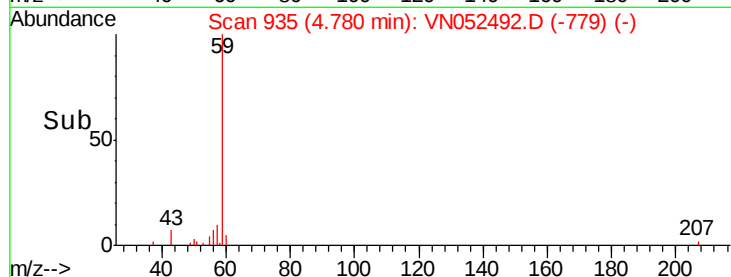
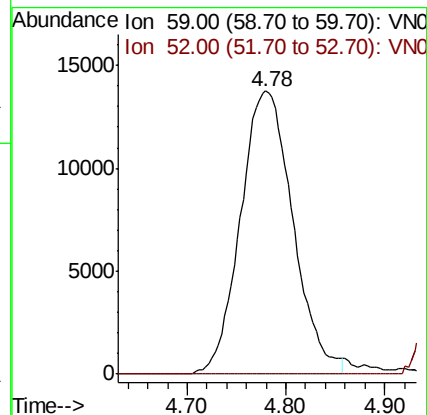
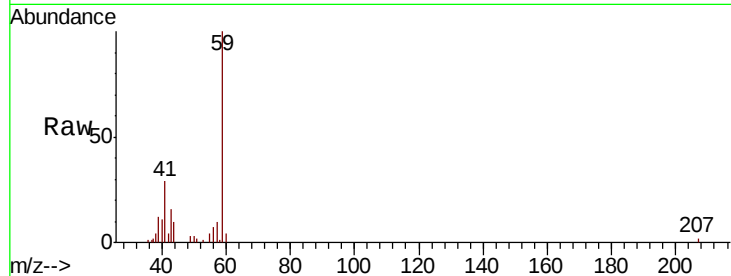


#23

tert-Butyl Alcohol
 Concen: 88.163 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

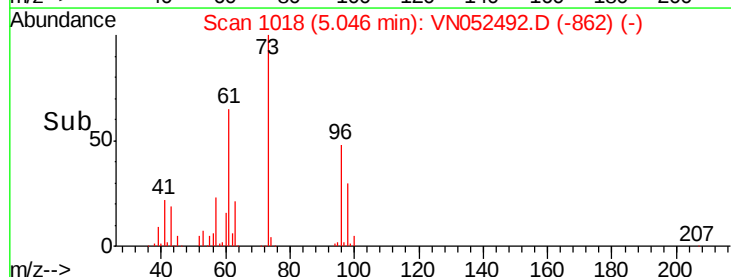
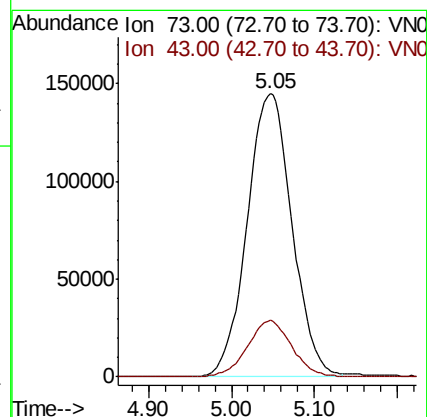
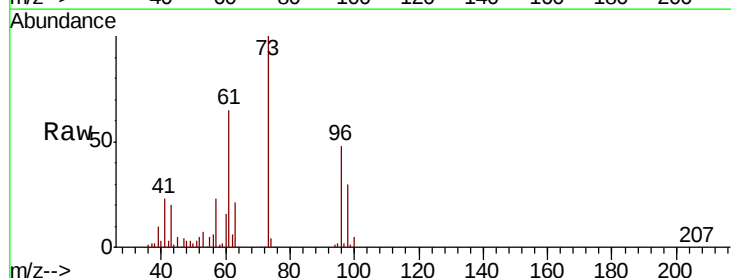
Tot Ion: 59 Resp: 50717
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

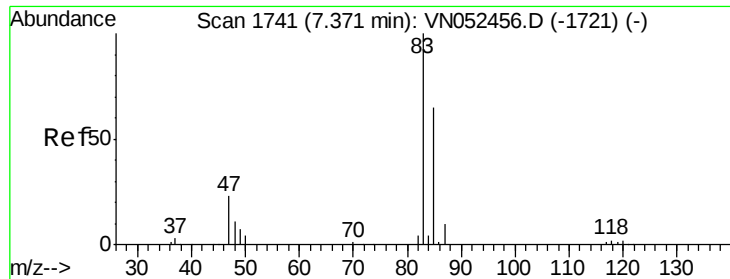


#24

Methyl tert-Butyl Ether
 Concen: 19.430 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion: 73 Resp: 544467
 Ion Ratio Lower Upper
 73 100
 43 19.6 15.8 23.8

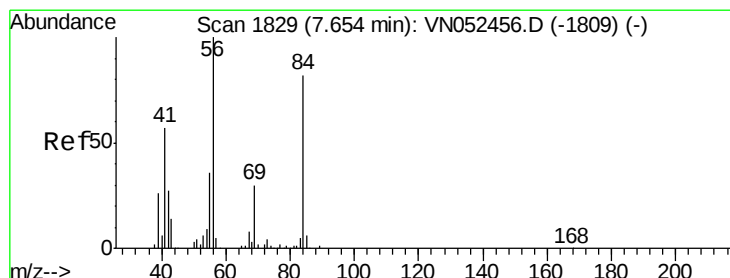
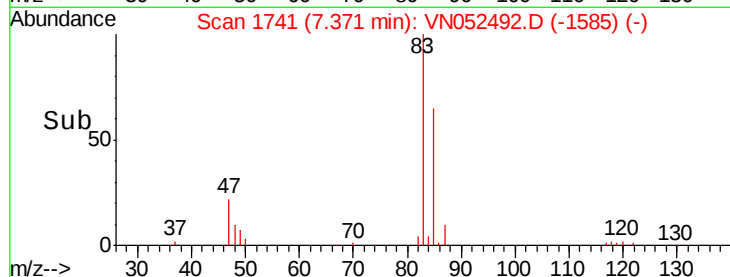
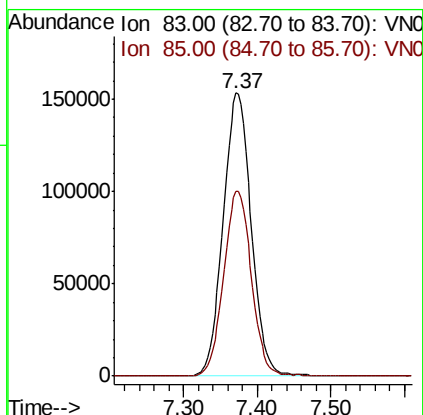
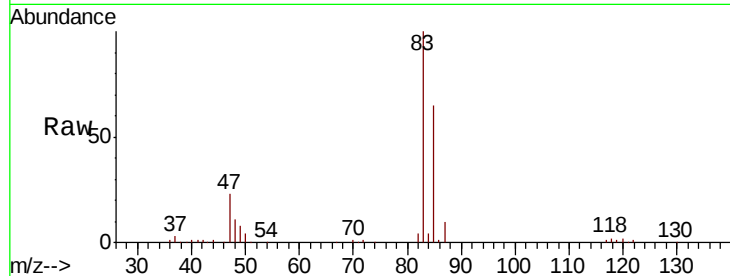




#25
Chloroform
Concen: 18.818 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

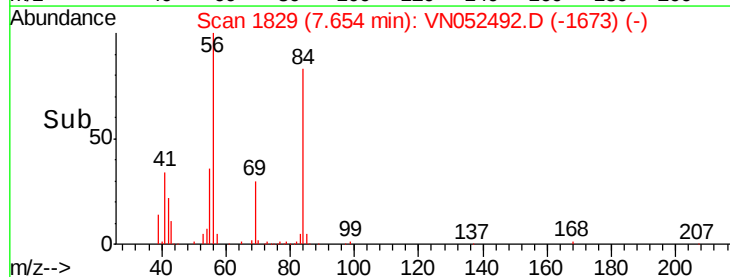
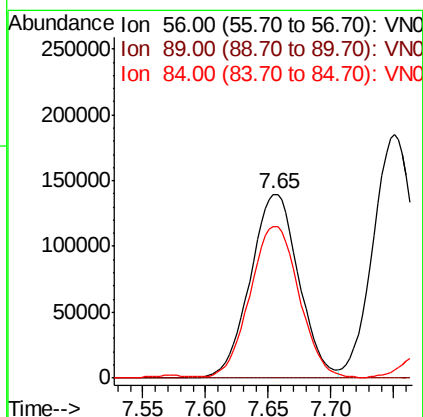
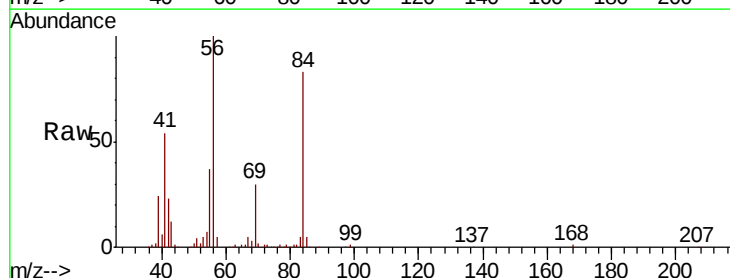
Instrument :
MSVOA_N
ClientSampleId :
BFB

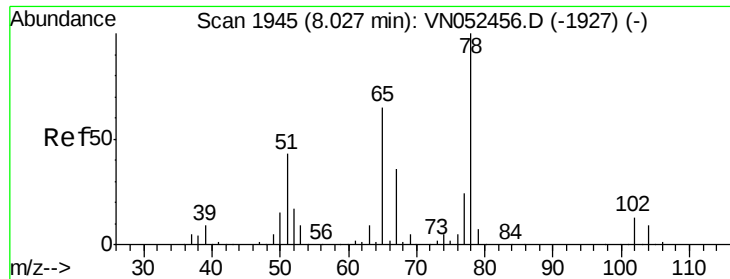
Tot Ion: 83 Resp: 405061
Ion Ratio Lower Upper
83 100
85 65.5 51.7 77.5



#26
Cyclohexane
Concen: 17.858 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 56 Resp: 375815
Ion Ratio Lower Upper
56 100
89 0.2 0.5 0.7#
84 83.9 66.2 99.2





#27

1,2-Dichloroethane-d4

Concen: 17.858 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

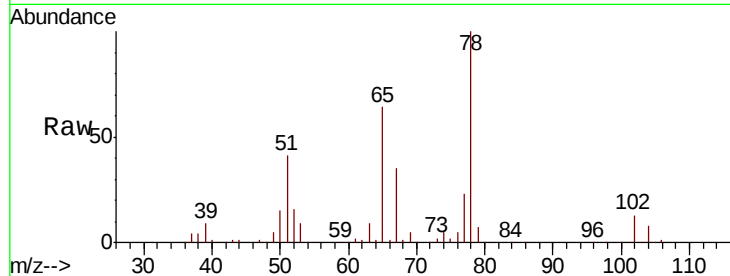
BFB

Tot Ion: 65 Resp: 381179

Ion Ratio Lower Upper

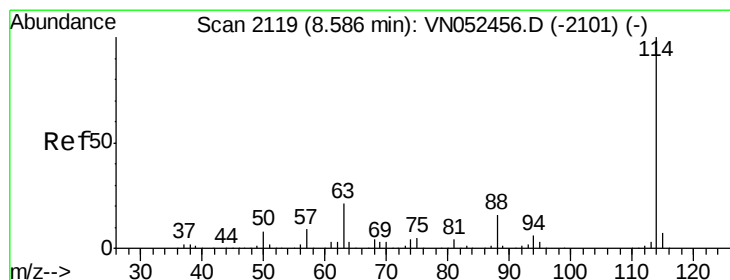
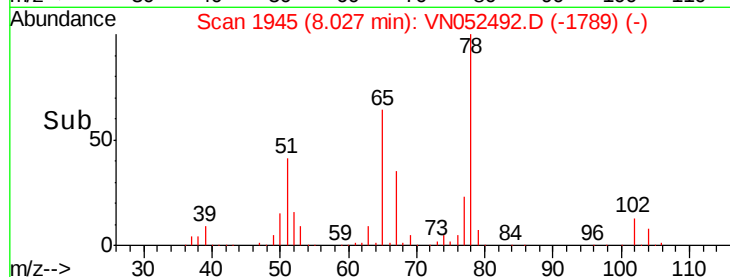
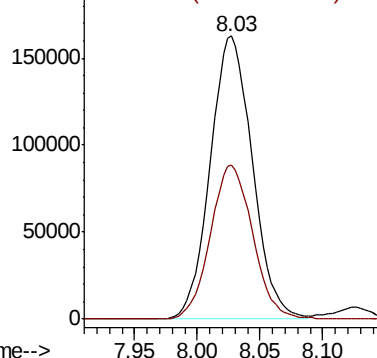
65 100

67 54.6 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

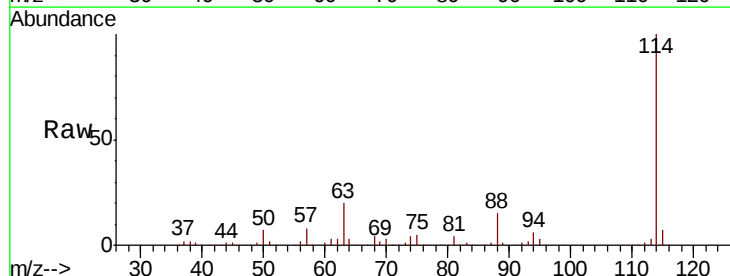
Tgt Ion: 114 Resp: 1113008

Ion Ratio Lower Upper

114 100

63 19.8 16.9 25.3

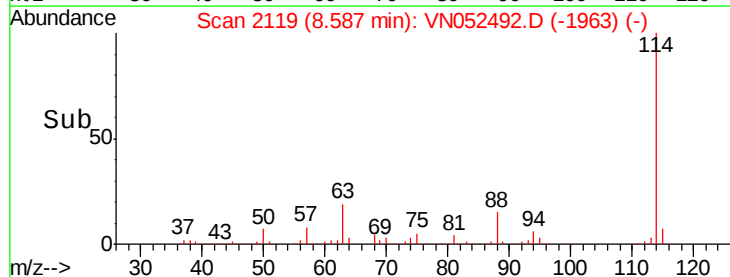
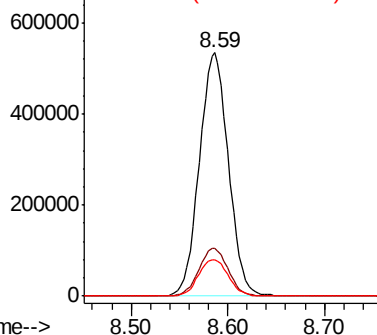
88 15.5 12.8 19.2

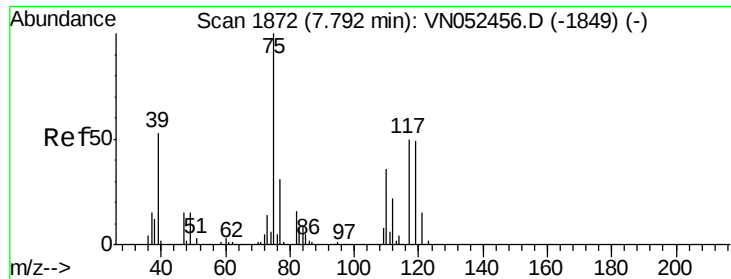


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

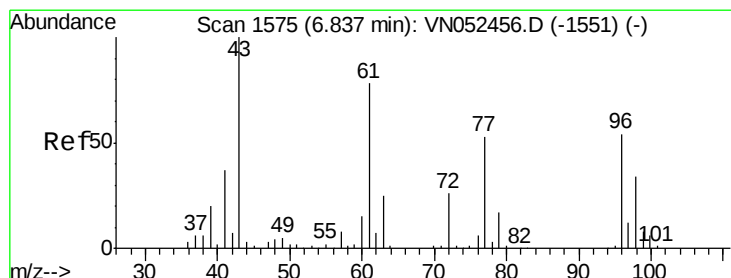
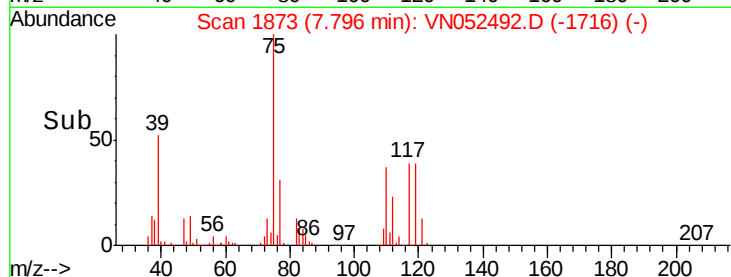
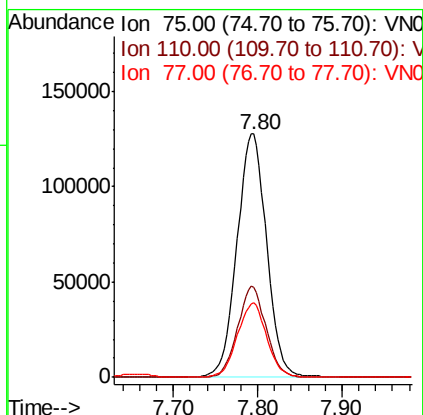
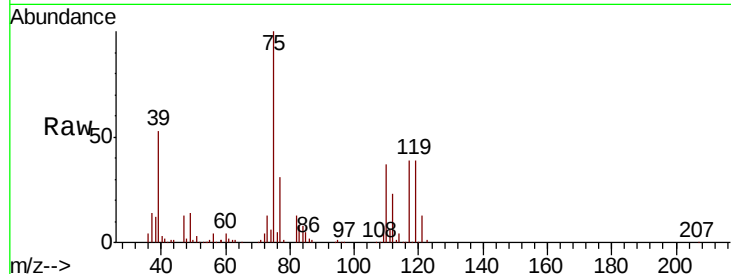




#29
 1,1-Dichloropropene
 Concen: 18.432 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

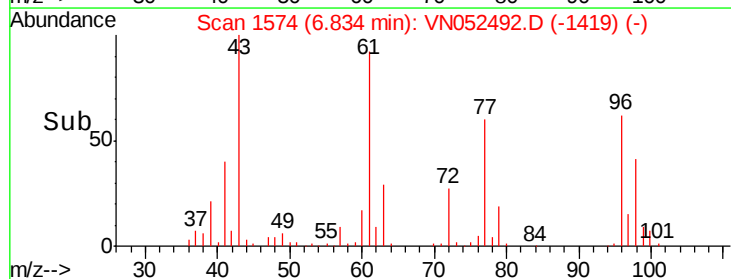
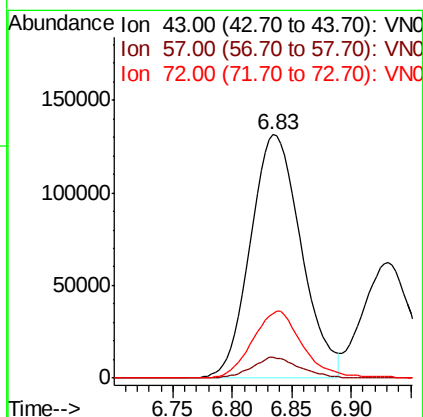
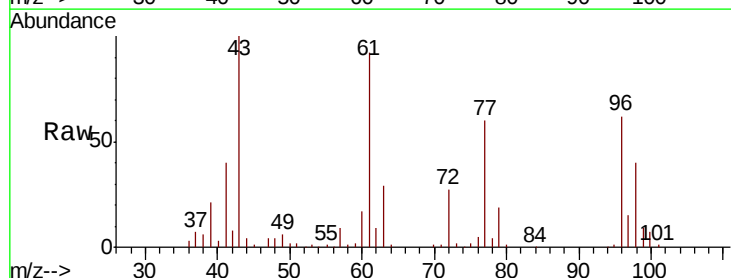
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

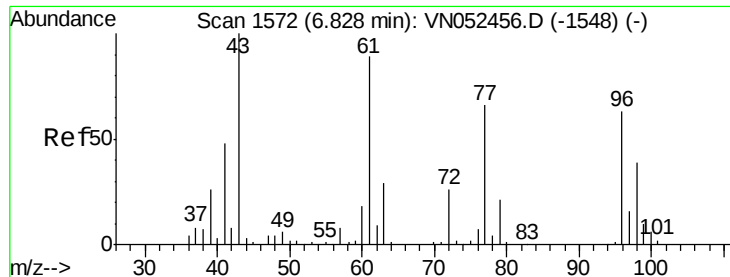
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	70.2
77	30.4	0.0	62.6



#30
 2-Butanone
 Concen: 84.939 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.2	9.4
72	27.4	21.0	31.6

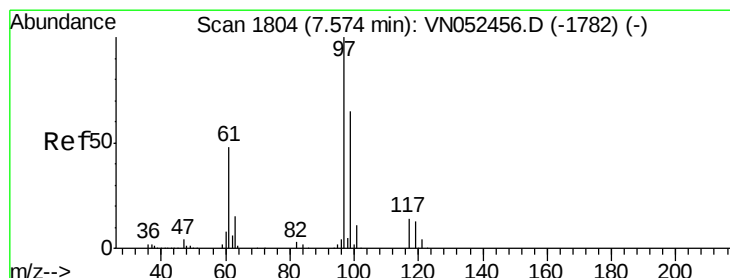
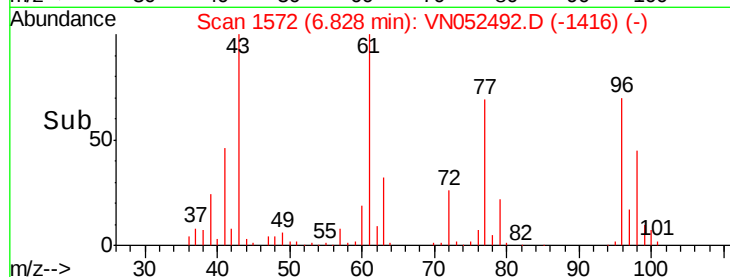
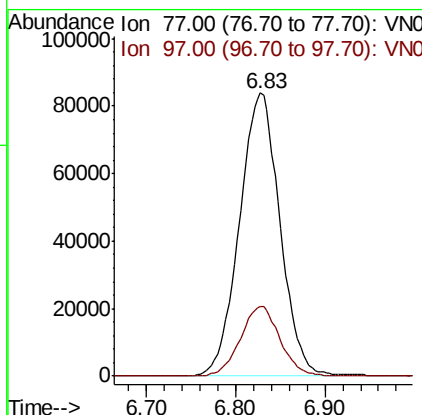
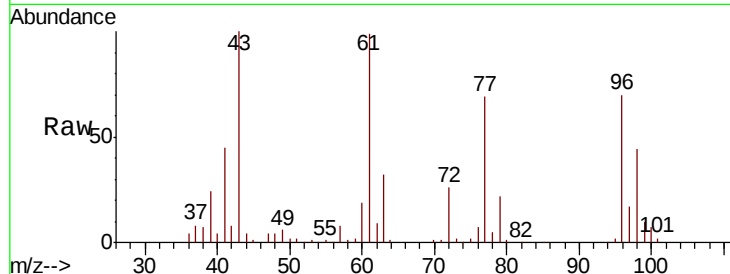




#31
 2,2-Dichloropropane
 Concen: 16.870 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

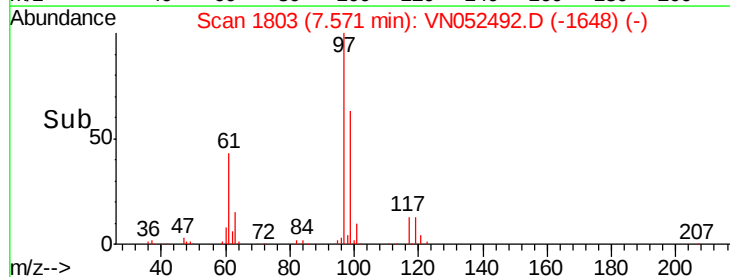
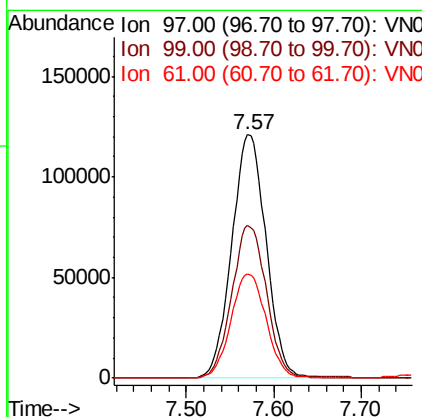
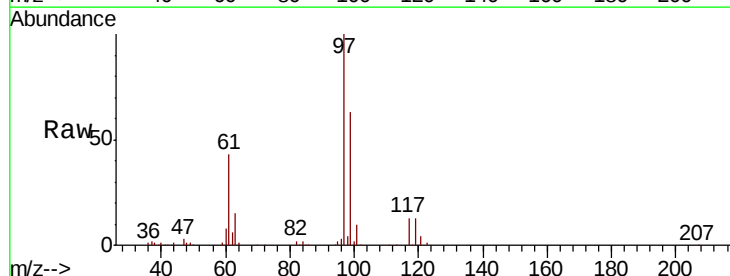
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

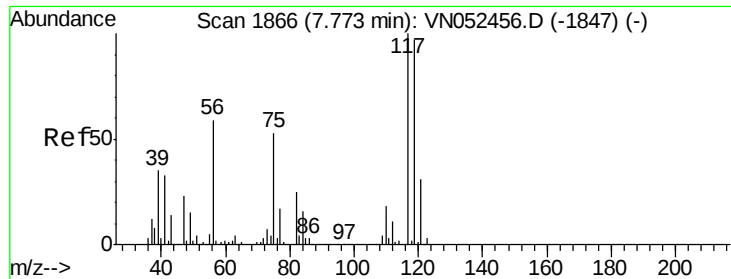
Tot Ion: 77 Resp: 263975
 Ion Ratio Lower Upper
 77 100
 97 24.2 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 18.676 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion: 97 Resp: 330287
 Ion Ratio Lower Upper
 97 100
 99 63.3 50.9 76.3
 61 44.0 38.1 57.1

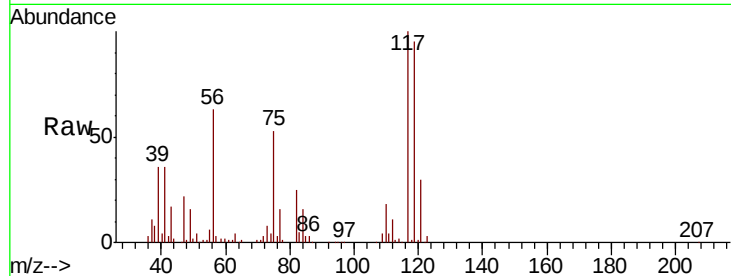




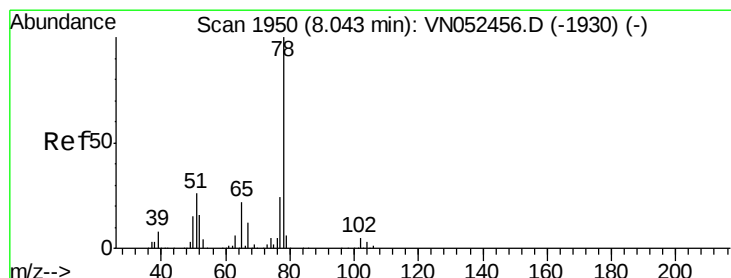
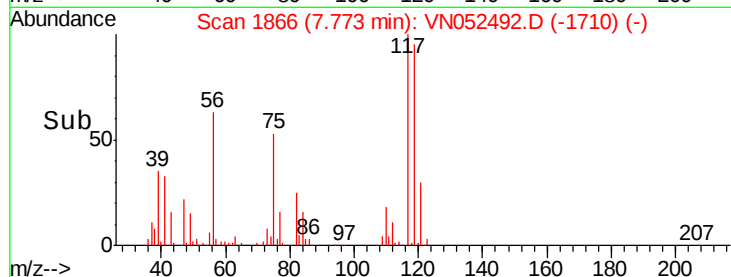
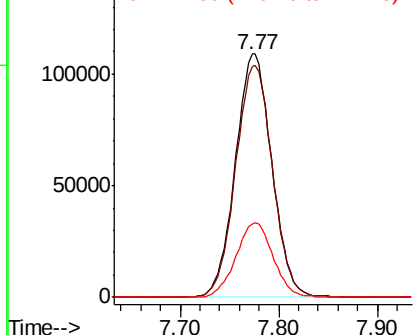
#33
Carbon Tetrachloride
Concen: 18.067 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:117 Resp: 279572
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 30.2 24.9 37.3

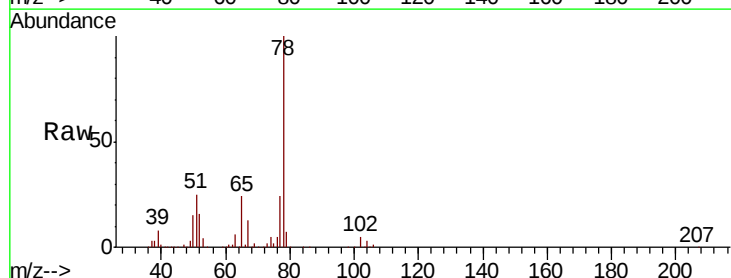


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

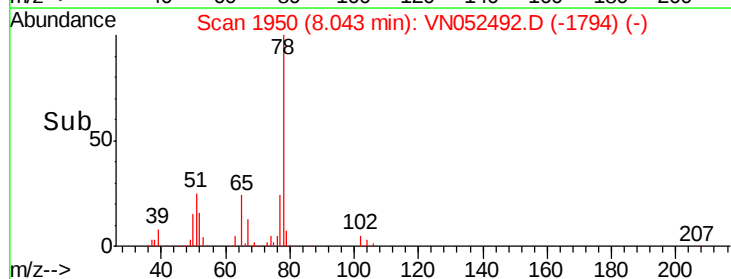
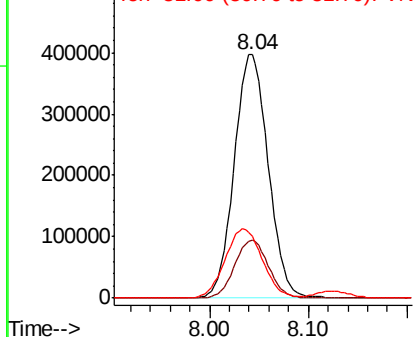


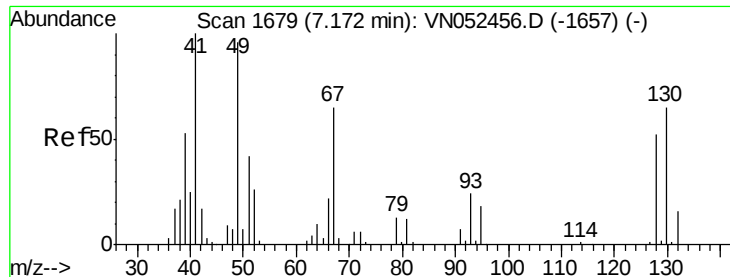
#34
Benzene
Concen: 18.571 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 78 Resp: 948992
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6
51 25.1 20.5 30.7



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

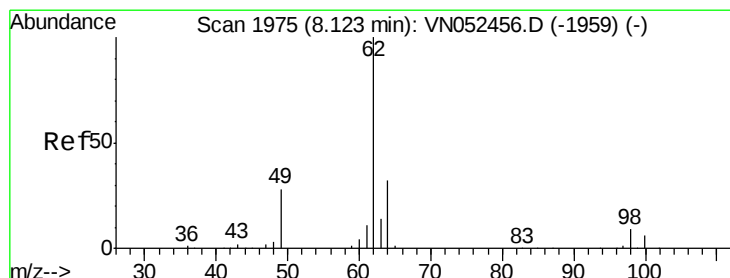
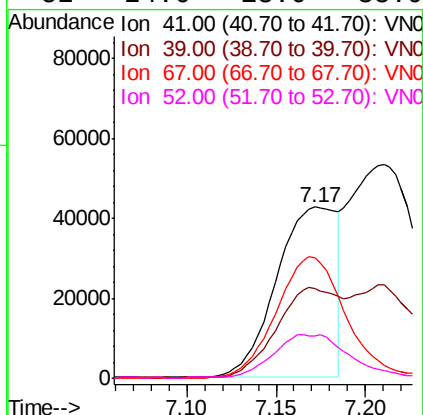
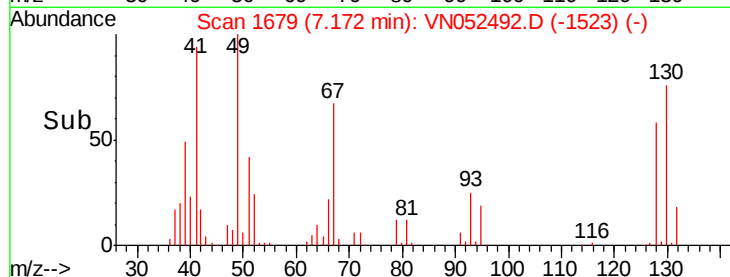
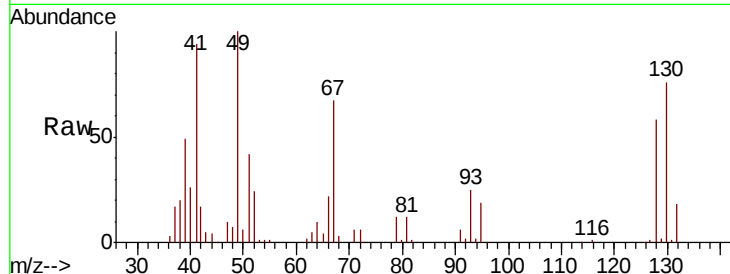




#35
Methacrylonitrile
Concen: 17.752 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

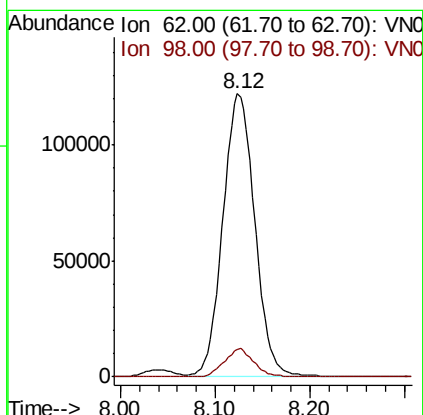
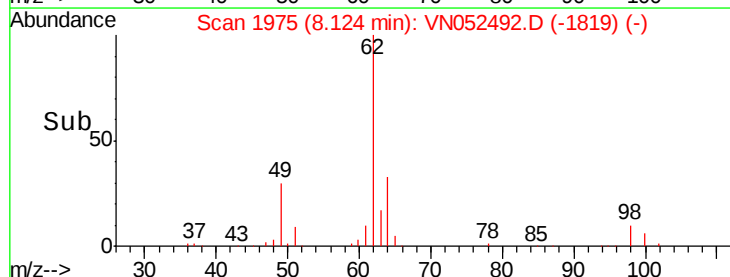
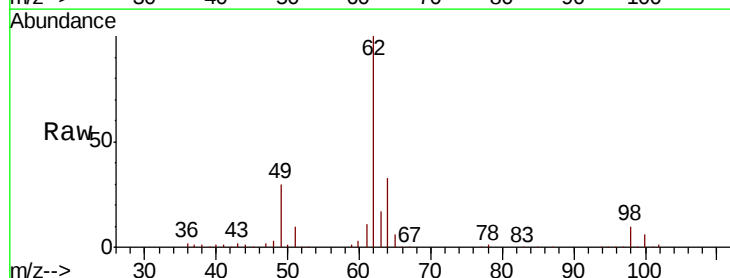
Instrument :
MSVOA_N
ClientSampled :
BFB

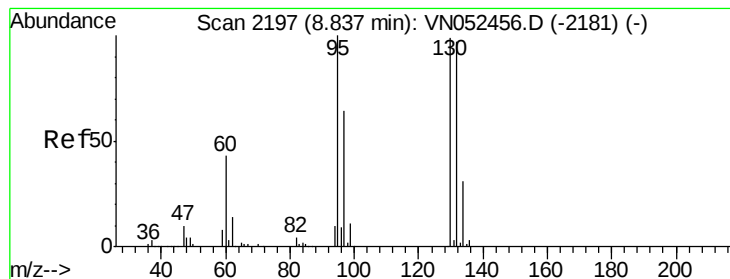
Tot Ion: 41 Resp: 100173
Ion Ratio Lower Upper
41 100
39 51.9 26.6 79.7
67 71.0 32.3 96.9
52 24.6 13.0 38.9



#36
1,2-Dichloroethane
Concen: 18.422 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 62 Resp: 285269
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.2





#37

Trichloroethene

Concen: 18.682 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

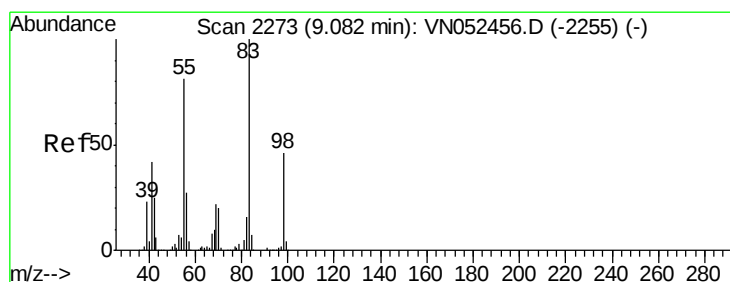
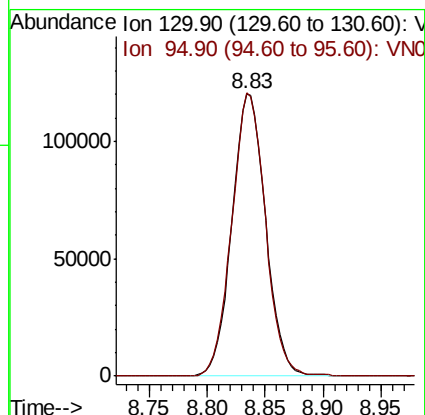
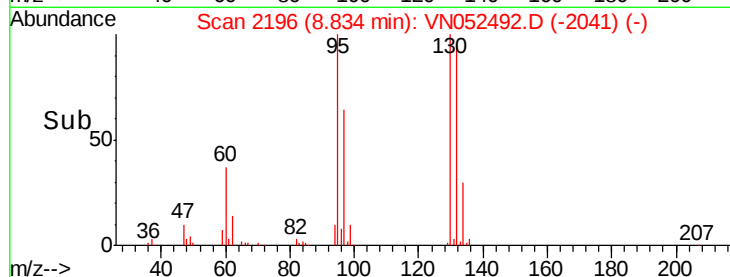
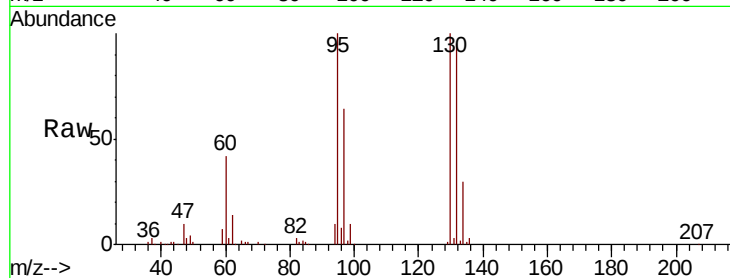
BFB

Tot Ion:130 Resp: 242083

Ion Ratio Lower Upper

130 100

95 100.2 81.0 121.4



#38

Methylcyclohexane

Concen: 17.623 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

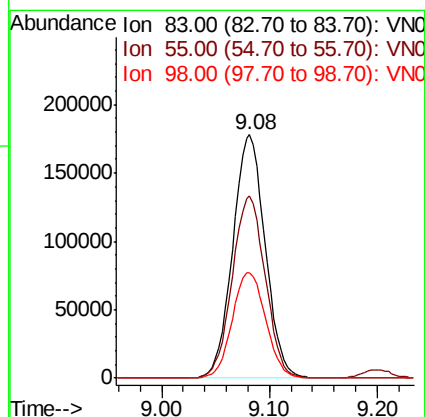
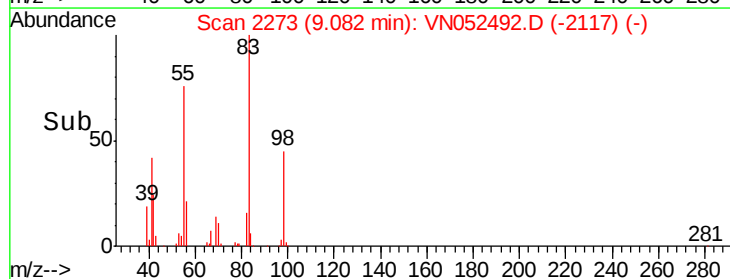
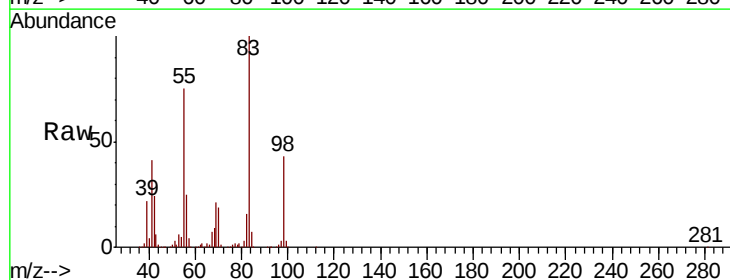
Tgt Ion: 83 Resp: 370798

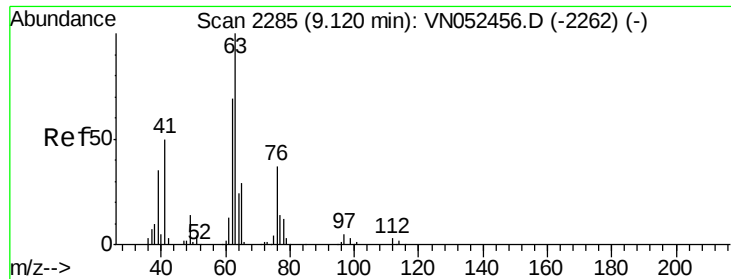
Ion Ratio Lower Upper

83 100

55 76.4 39.8 119.4

98 45.0 22.9 68.5





#39

1,2-Dichloropropane

Concen: 18.262 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

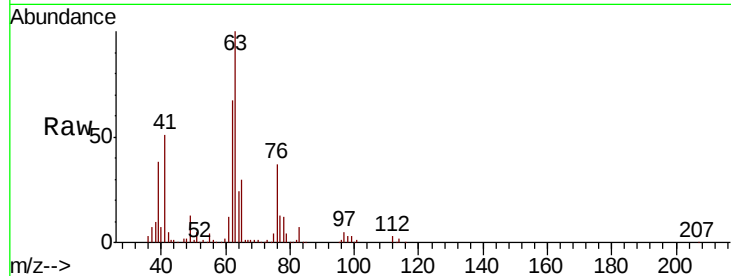
BFB

Tot Ion: 63 Resp: 250161

Ion Ratio Lower Upper

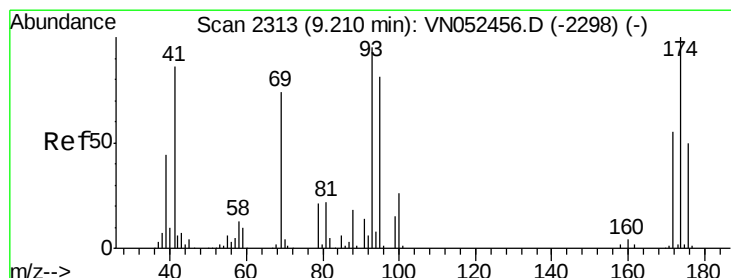
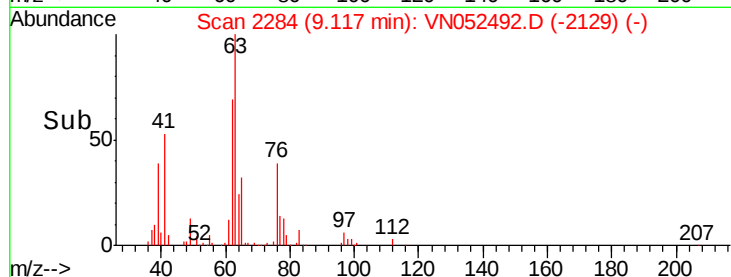
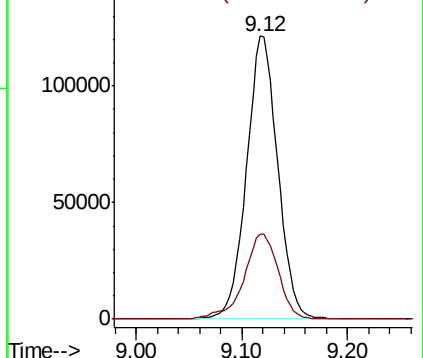
63 100

65 30.2 23.6 35.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 18.840 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

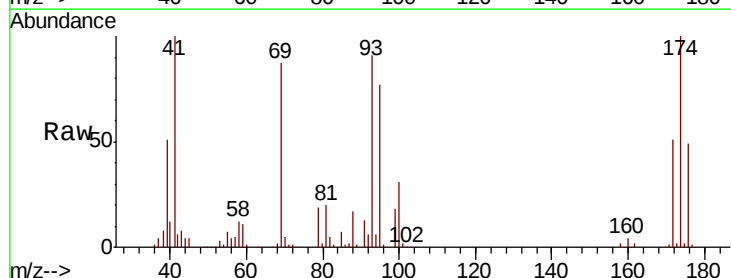
Tgt Ion: 93 Resp: 139459

Ion Ratio Lower Upper

93 100

95 84.6 0.0 168.4

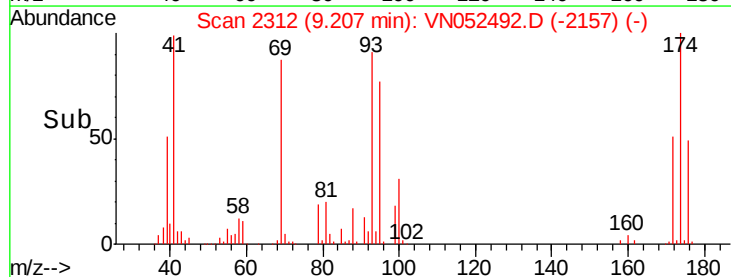
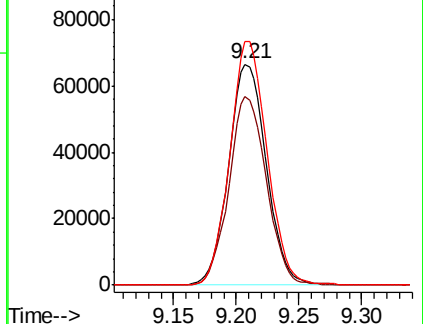
174 108.6 0.0 210.0

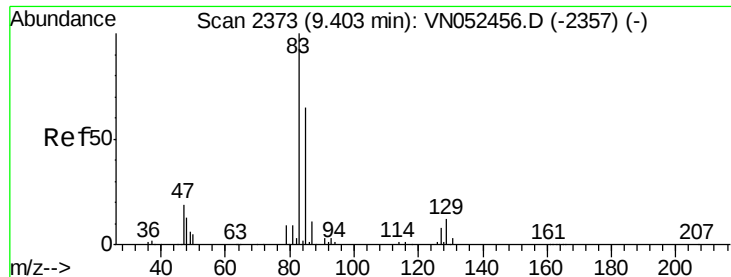


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

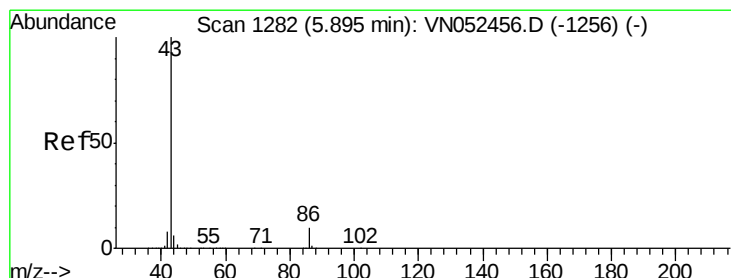
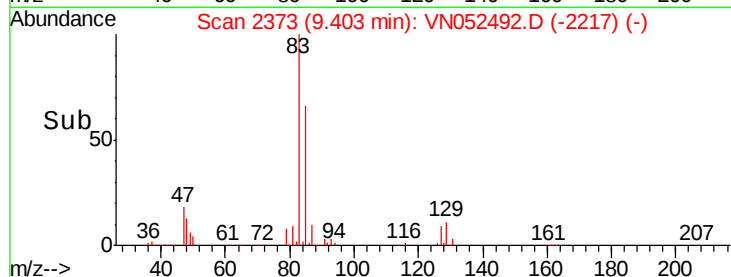
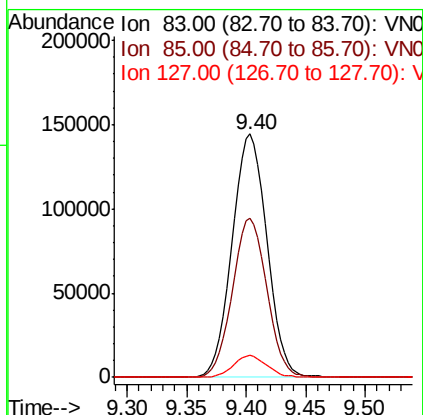
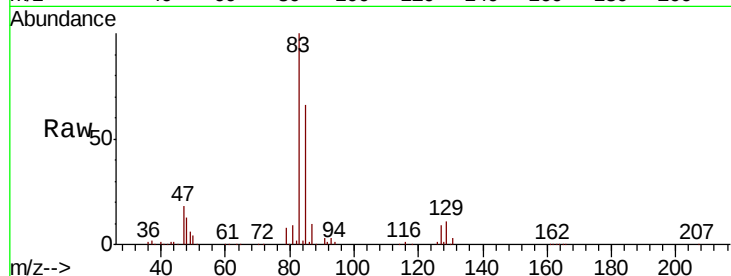




#41
 Bromodichloromethane
 Concen: 17.978 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

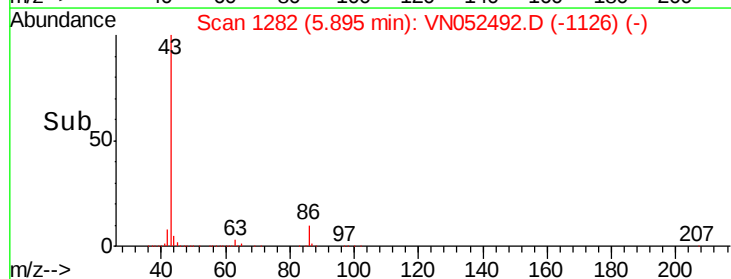
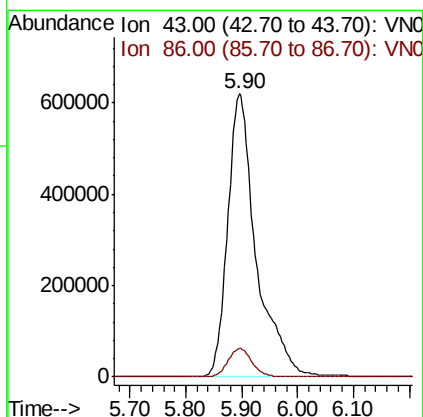
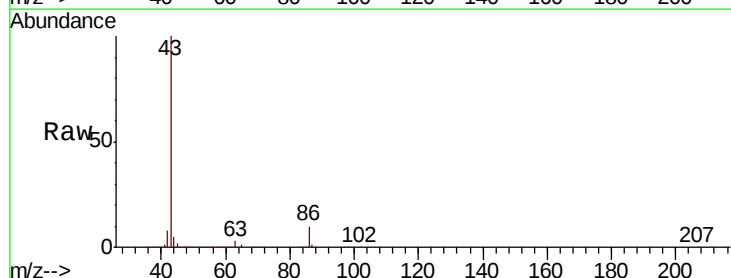
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

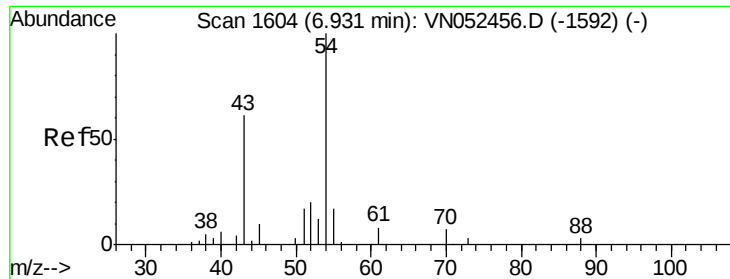
Tot Ion	83	Resp	294015
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.4	78.6
127	9.0	6.6	9.8



#42
 Vinyl Acetate
 Concen: 89.620 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion	43	Resp	2205370
Ion Ratio	Lower	Upper	
43	100		
86	8.5	6.5	9.7





#43

Ethyl Acetate

Concen: 18.523 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

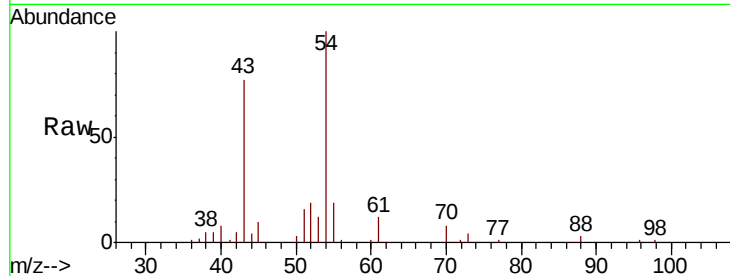
BFB

Tot Ion: 43 Resp: 179139

Ion Ratio Lower Upper

43 100

45 12.8 1.0 1.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

150000

100000

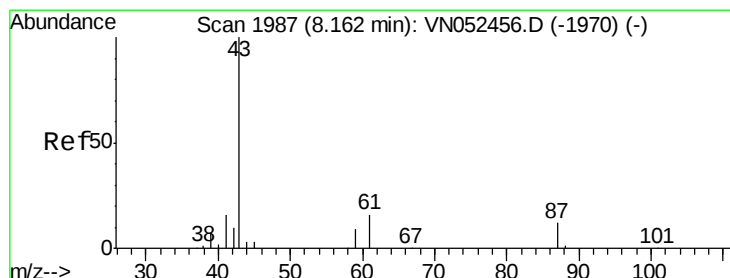
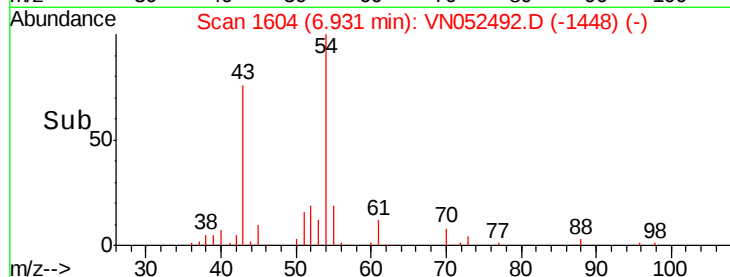
50000

0

6.93

6.90 7.00 7.10

Time-->



#44

Isopropyl Acetate

Concen: 18.704 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052492.D

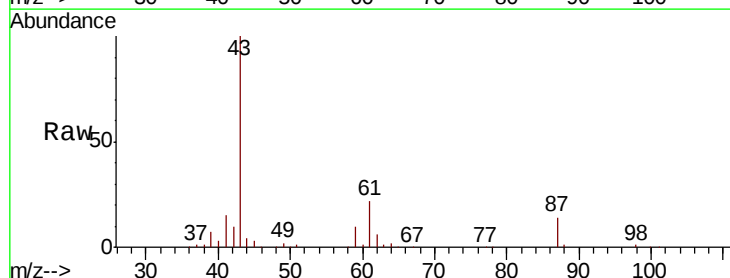
Acq: 27 Nov 2018 21:39

Tgt Ion: 43 Resp: 317233

Ion Ratio Lower Upper

43 100

61 30.7 16.0 24.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

150000

100000

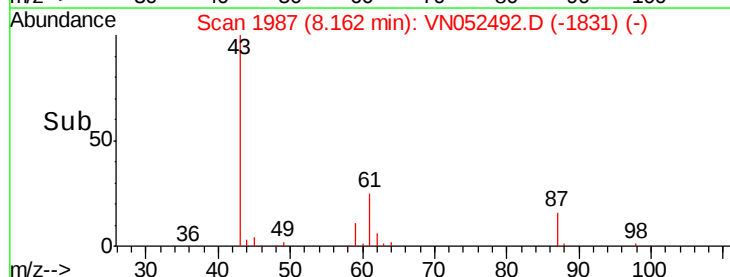
50000

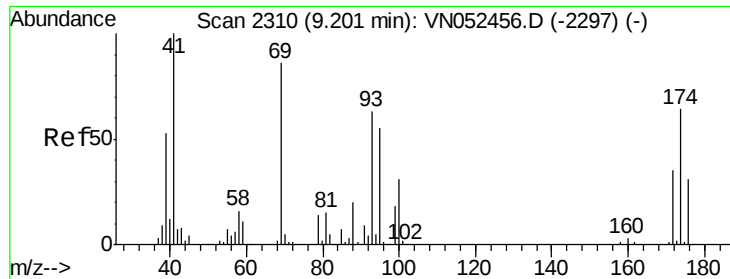
0

8.16

8.05 8.10 8.15 8.20 8.25

Time-->

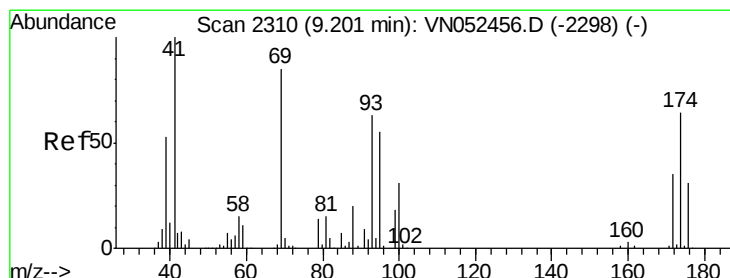
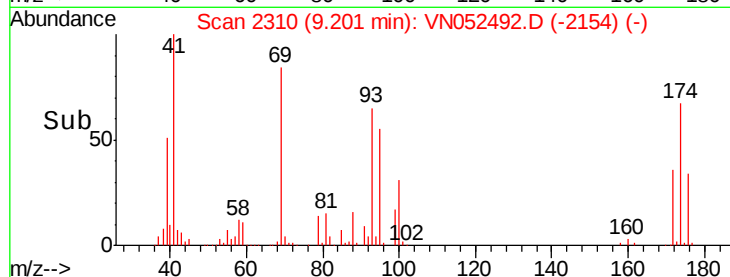
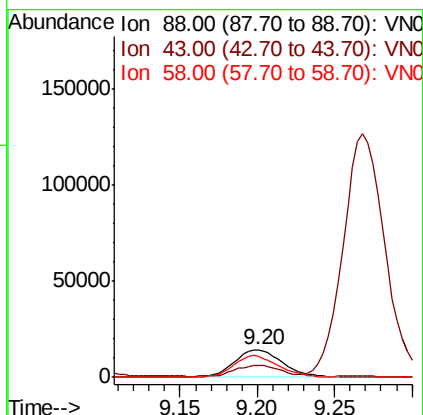
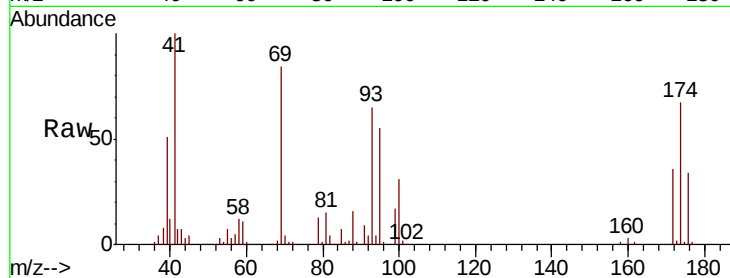




#45
 1,4-Dioxane
 Concen: 336.942 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

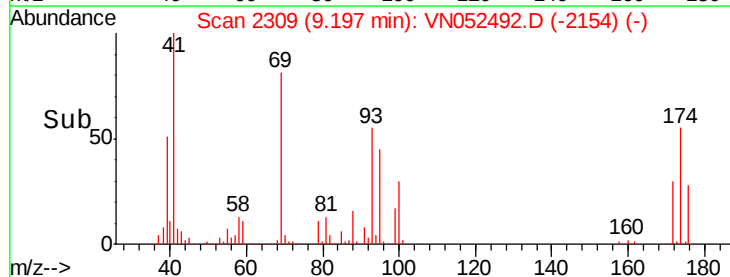
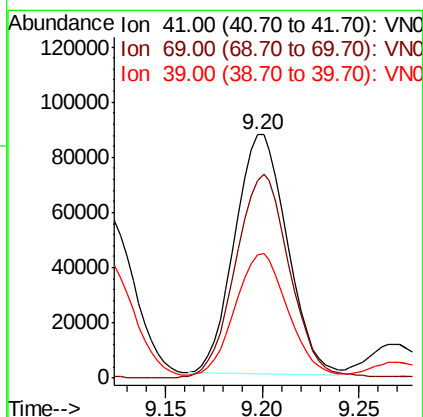
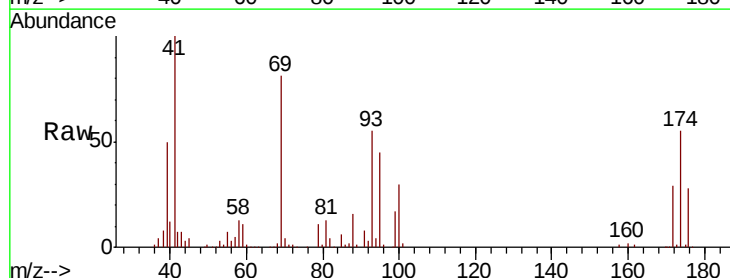
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

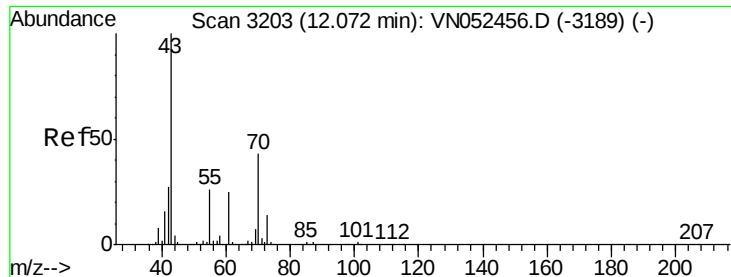
Tot Ion: 88 Resp: 31264
 Ion Ratio Lower Upper
 88 100
 43 37.0 29.5 44.3
 58 72.7 61.5 92.3



#46
 Methyl methacrylate
 Concen: 18.607 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion: 41 Resp: 163857
 Ion Ratio Lower Upper
 41 100
 69 81.7 42.5 127.6
 39 50.1 26.3 78.9





#47

n-amvl Acetate

Concen: 17.437 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

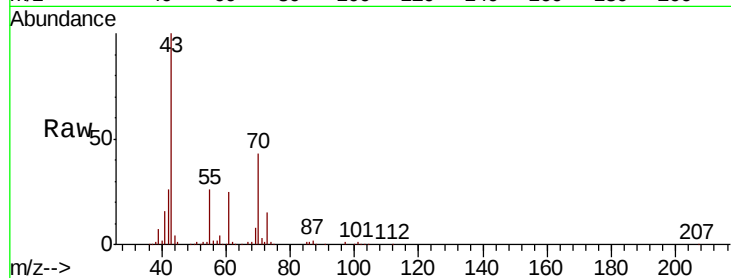
BFB

Tot Ion: 43 Resp: 245211

Ion Ratio Lower Upper

43 100

55 25.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

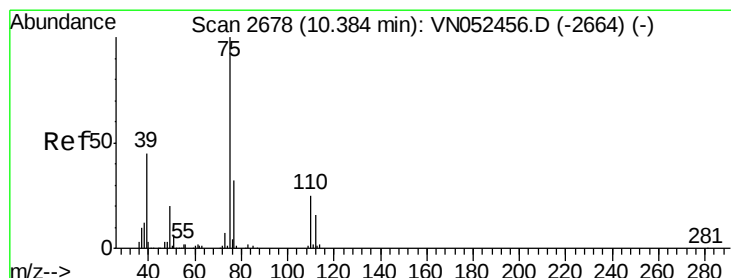
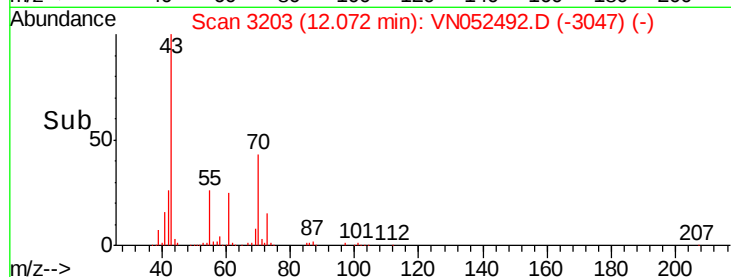
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.683 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052492.D

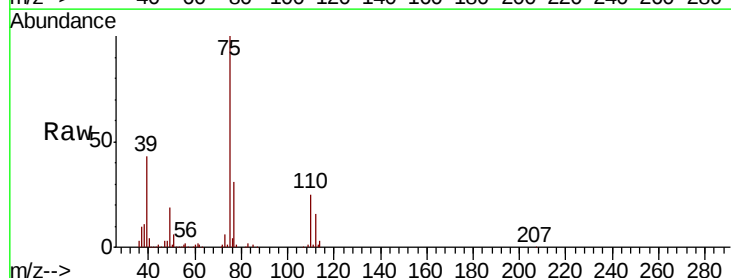
Acq: 27 Nov 2018 21:39

Tgt Ion: 75 Resp: 280412

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

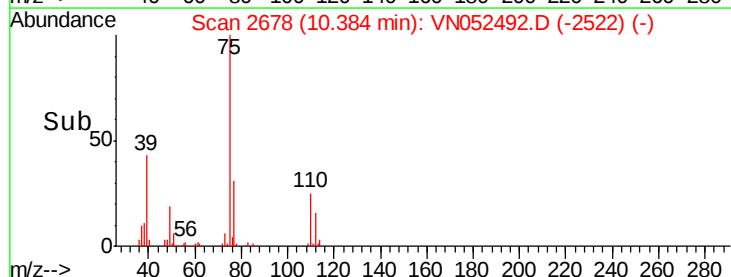
150000

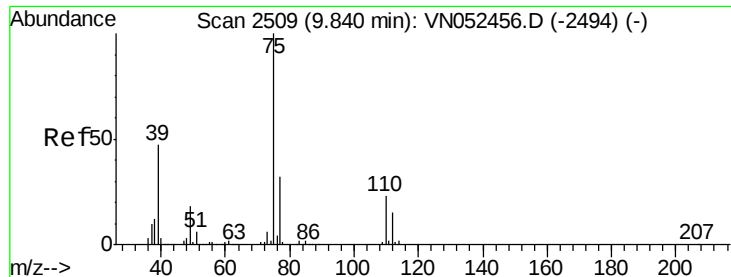
100000

50000

0

Time-->



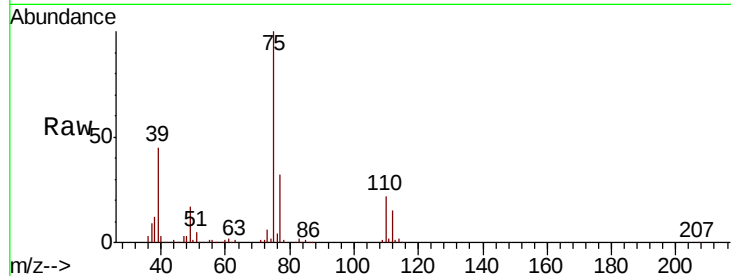


#49

cis-1,3-Dichloropropene
Concen: 17.734 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion	75	Resp	342623
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0
39	45.1	37.3	55.9

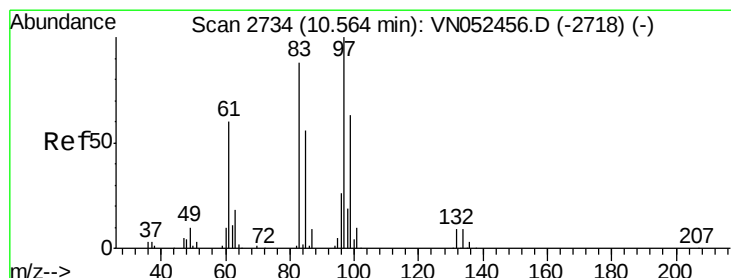
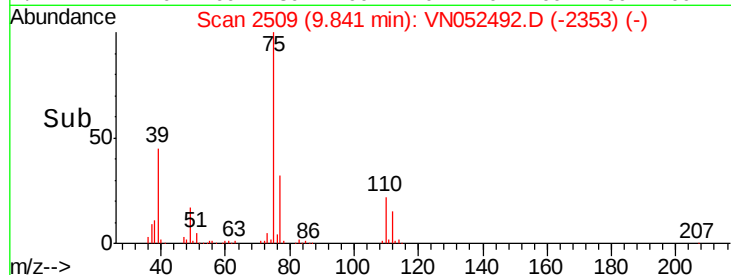
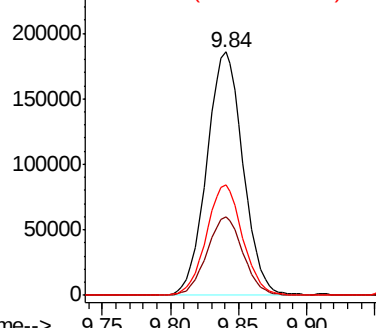


Abundance

Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

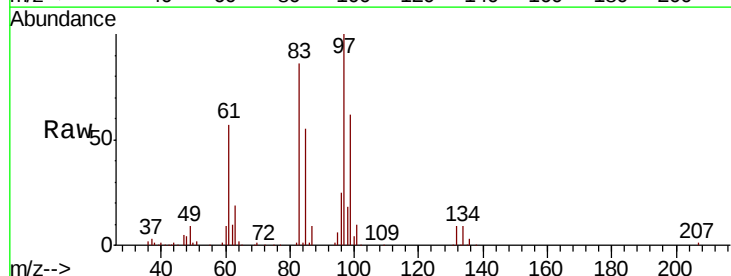
Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane
Concen: 19.155 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion	97	Resp	200991
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.4	105.6
85	54.8	45.0	67.6
99	61.4	50.2	75.2



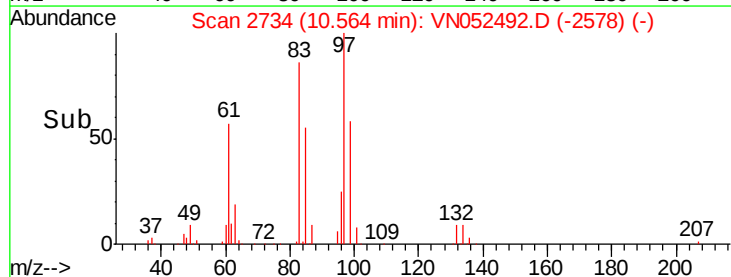
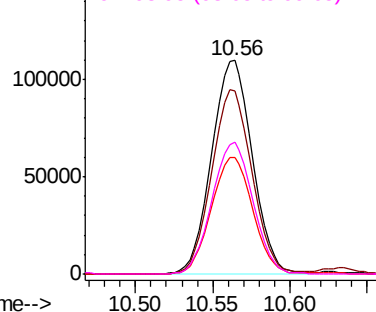
Abundance

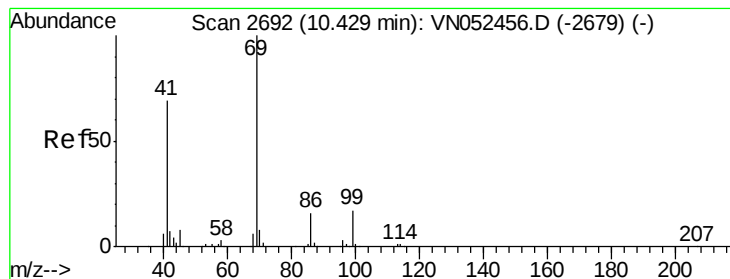
Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 18.435 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

BFB

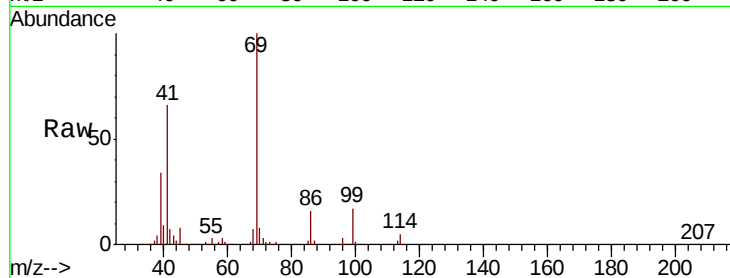
Tot Ion: 69 Resp: 242951

Ion Ratio Lower Upper

69 100

41 65.8 34.4 103.3

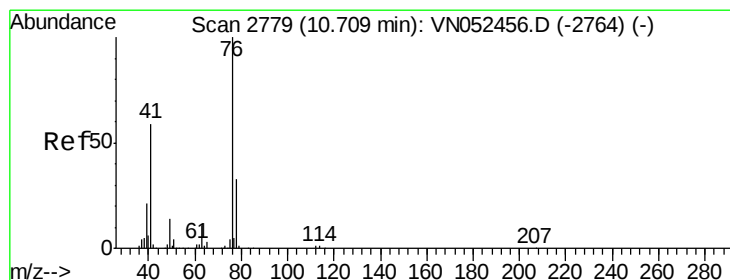
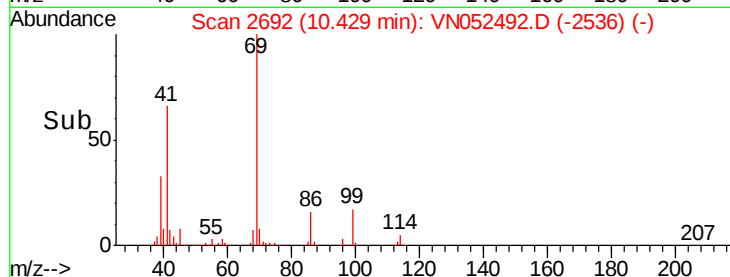
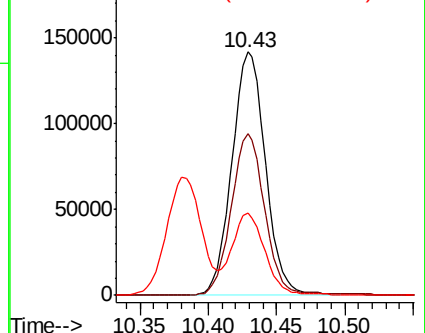
39 33.4 16.4 49.2



Abundance Ion 69.00 (68.70 to 69.70): VN052492.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN052492.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN052492.D (-2679) (-)



#52

1,3-Dichloropropane

Concen: 18.287 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052492.D

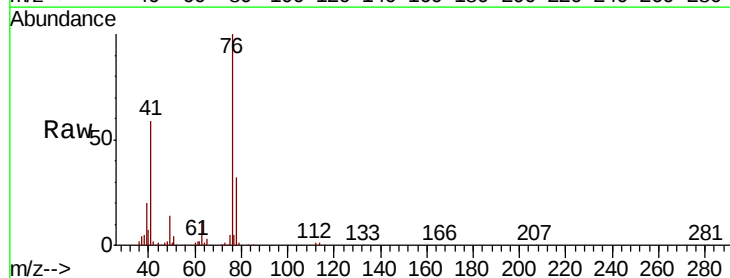
Acq: 27 Nov 2018 21:39

Tgt Ion: 76 Resp: 341536

Ion Ratio Lower Upper

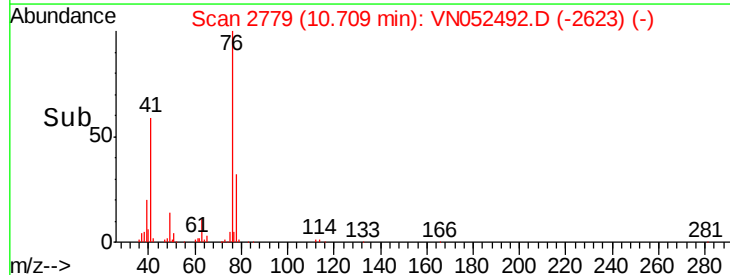
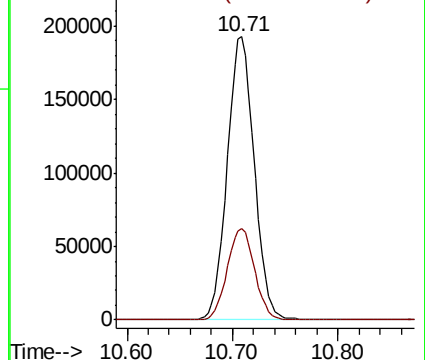
76 100

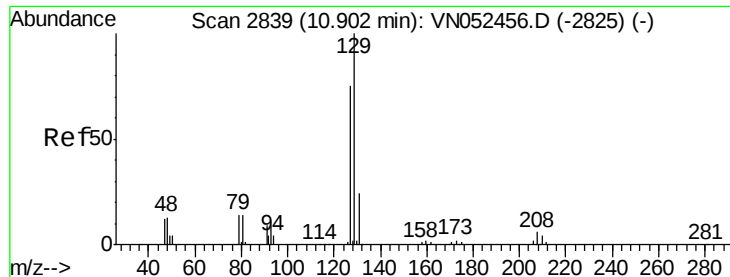
78 32.6 0.0 64.8



Abundance Ion 76.00 (75.70 to 76.70): VN052492.D (-2623) (-)

Ion 78.00 (77.70 to 78.70): VN052492.D (-2623) (-)





#53

Dibromochloromethane

Concen: 18.093 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

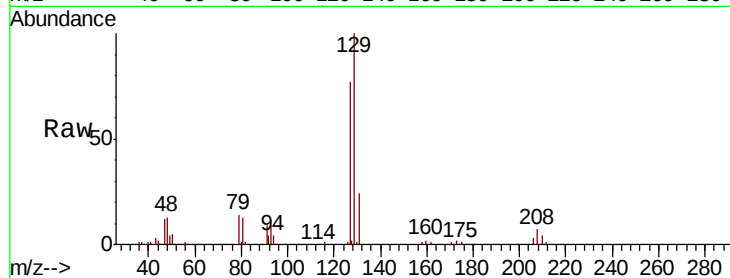
BFB

Tot Ion:129 Resp: 209019

Ion Ratio Lower Upper

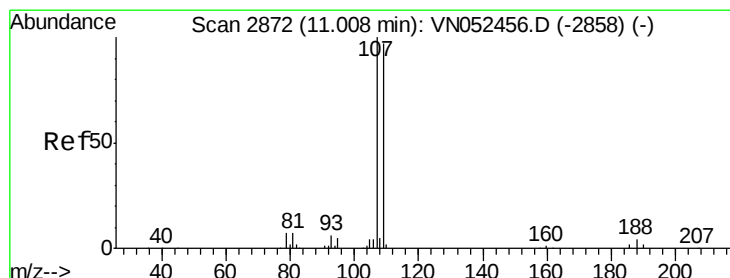
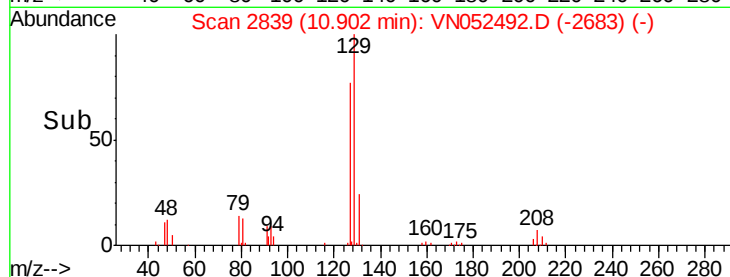
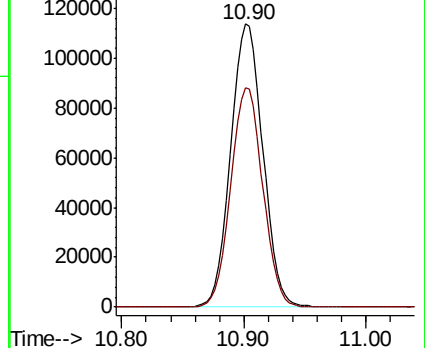
129 100

127 77.0 37.6 112.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.836 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052492.D

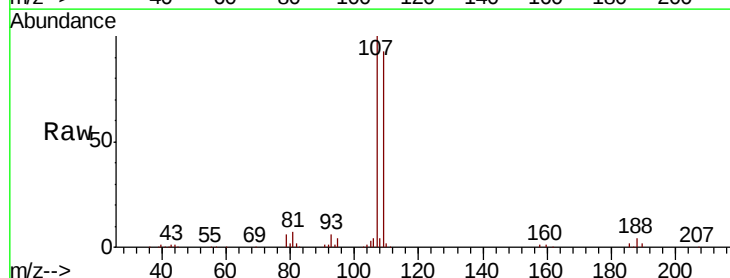
Acq: 27 Nov 2018 21:39

Tgt Ion:107 Resp: 193128

Ion Ratio Lower Upper

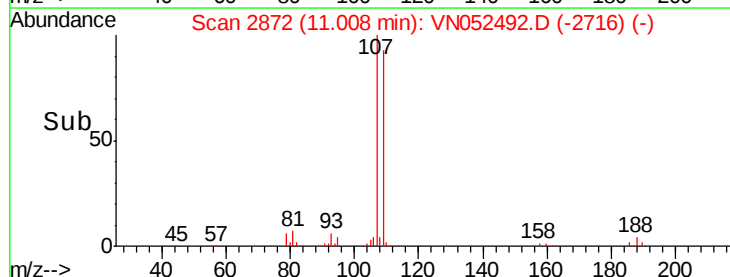
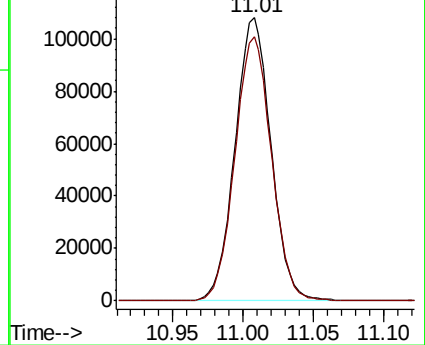
107 100

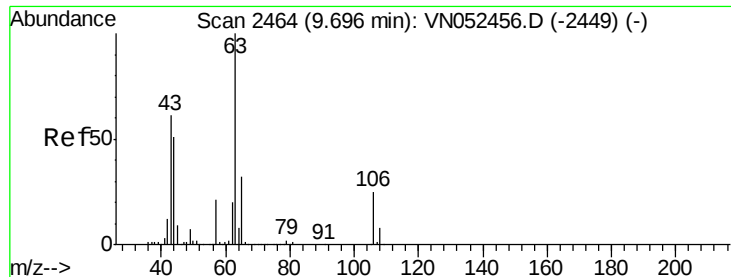
109 94.9 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

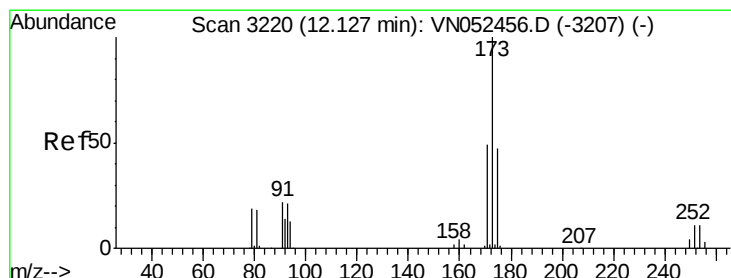
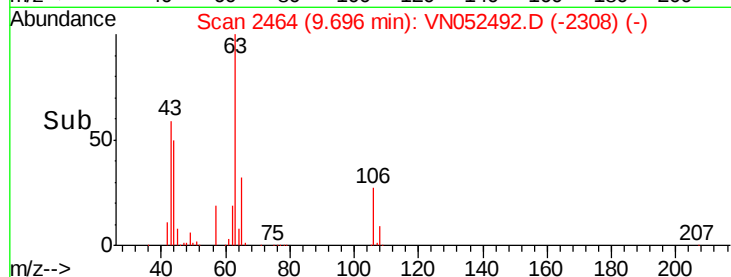
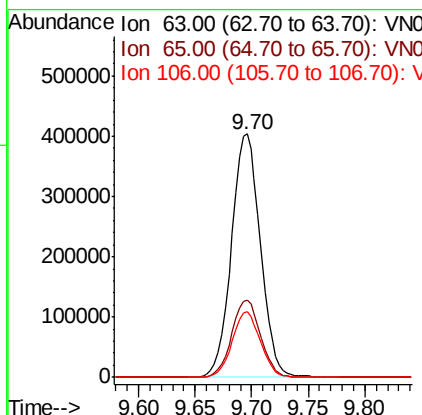
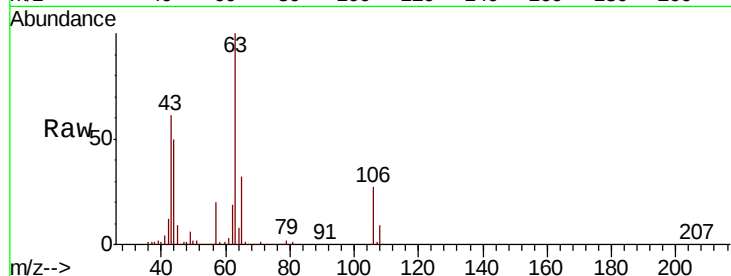




#55
 2-Chloroethyl vinyl ether
 Concen: 93.402 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

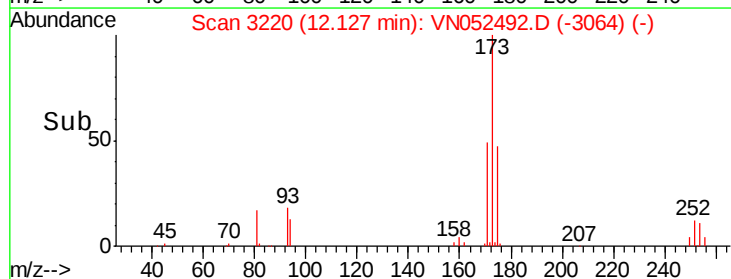
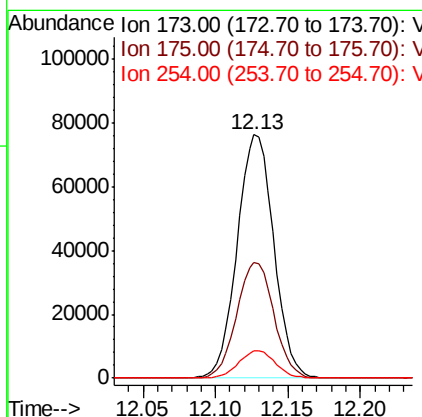
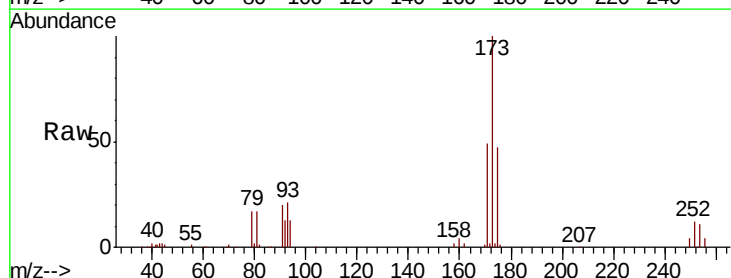
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

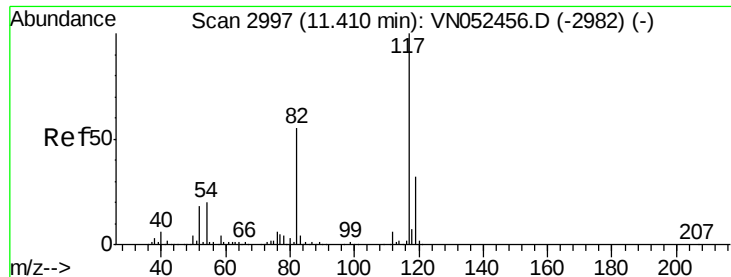
Tot Ion: 63 Resp: 720505
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.2
 106 26.4 20.4 30.6



#56
 Bromoform
 Concen: 17.720 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion: 173 Resp: 133801
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.7 58.1
 254 11.2 8.4 12.6

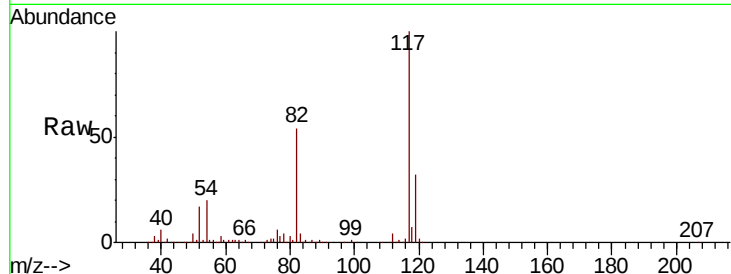




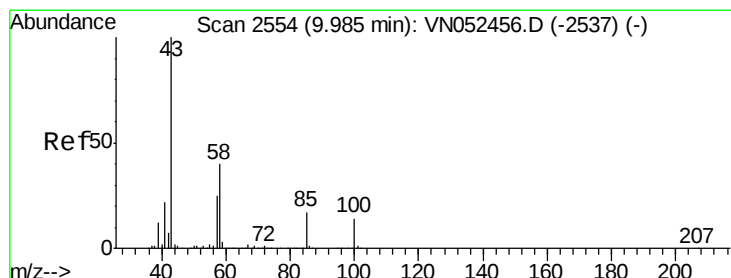
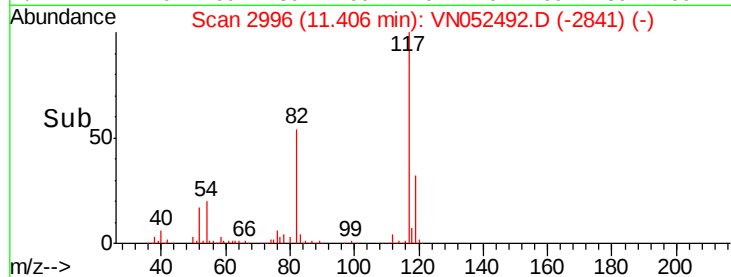
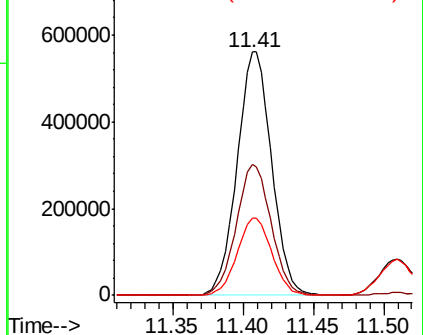
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.2
119	31.9	25.4	38.2

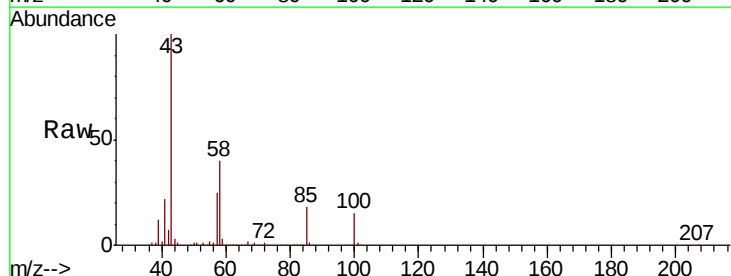


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 119.00 (118.70 to 119.70): V

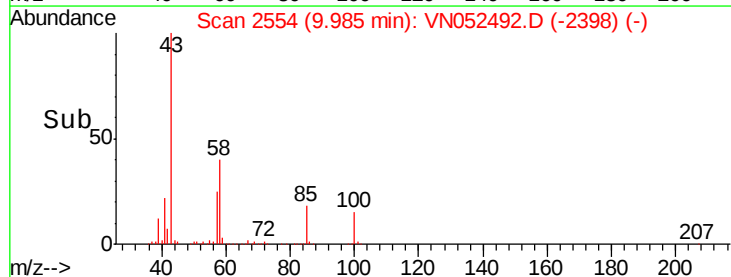
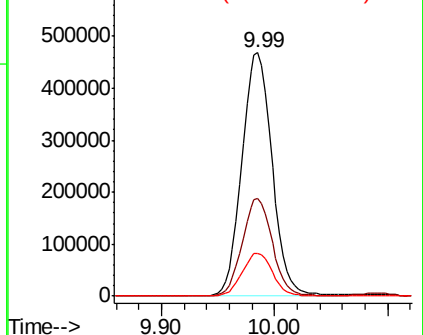


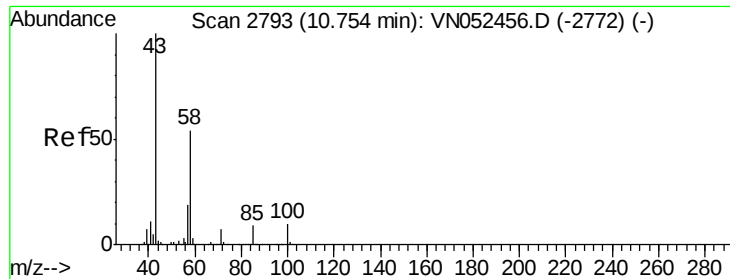
#58
4-Methyl-2-Pentanone
Concen: 93.475 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.9	13.3	19.9



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

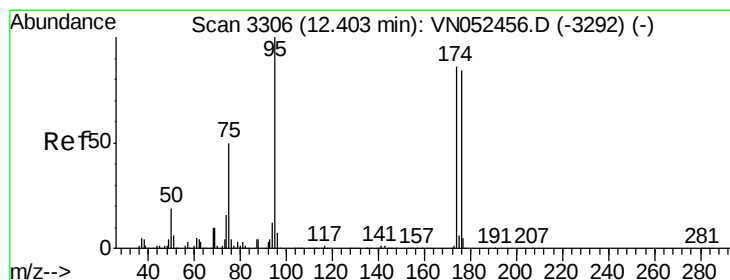
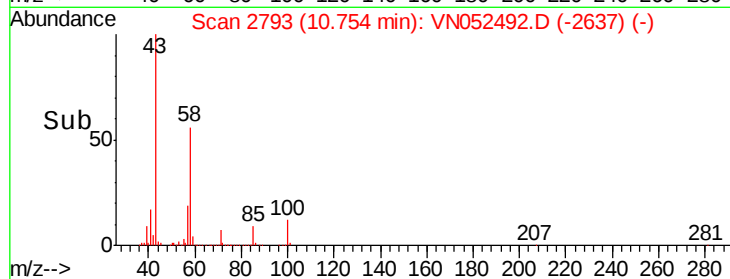
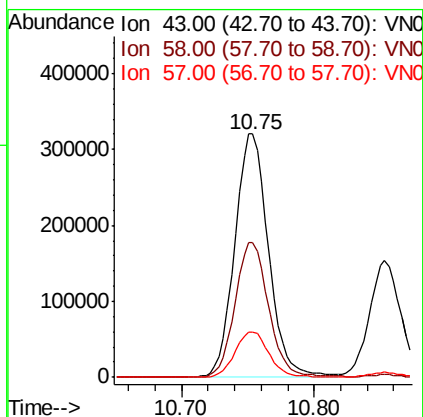
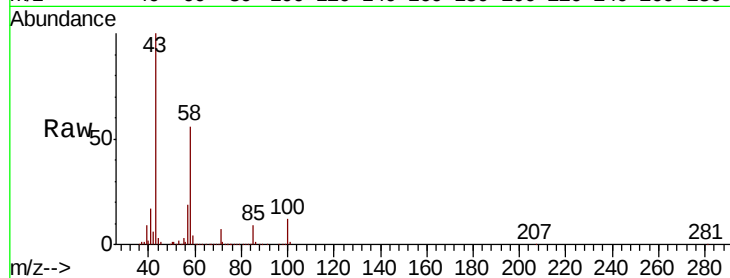




#59
2-Hexanone
Concen: 88.321 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

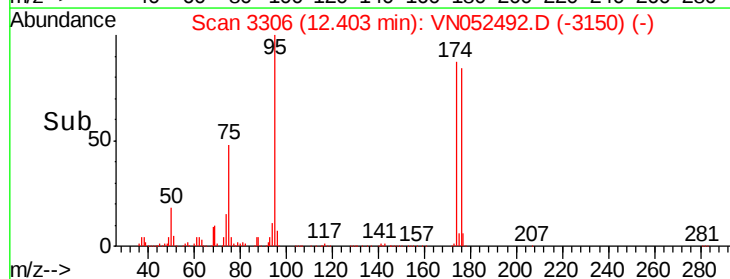
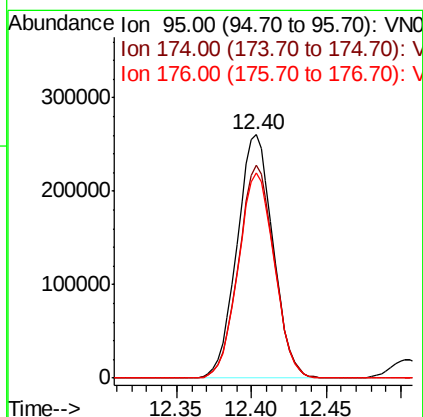
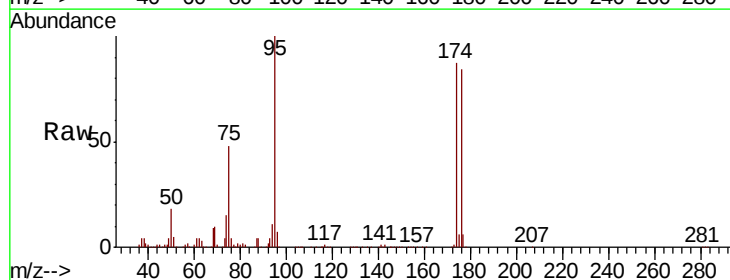
Instrument :
MSVOA_N
ClientSampleId :
BFB

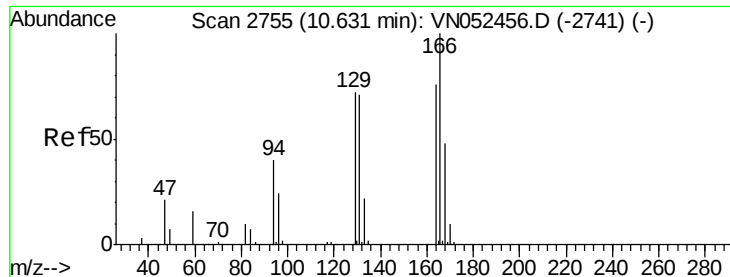
Tot Ion: 43 Resp: 562767
Ion Ratio Lower Upper
43 100
58 55.8 43.2 64.8
57 19.1 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 88.321 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 95 Resp: 436903
Ion Ratio Lower Upper
95 100
174 86.9 67.9 101.9
176 84.2 66.4 99.6





#61

Tetrachloroethene

Concen: 19.759 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

BFB

Tot Ion:164 Resp: 234140

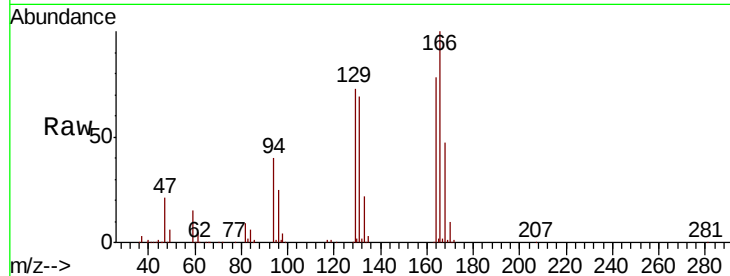
Ion Ratio Lower Upper

164 100

166 127.6 104.6 157.0

129 92.5 75.3 112.9

131 87.6 74.3 111.5

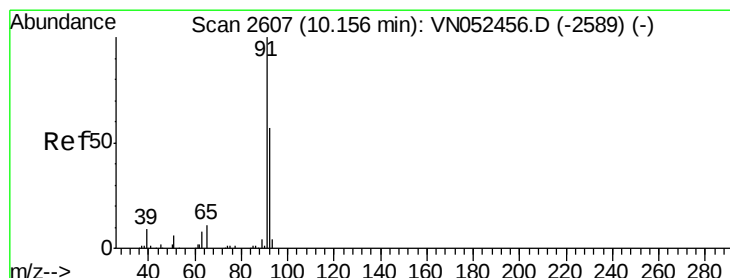
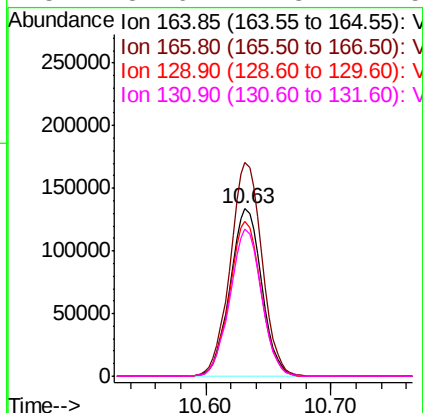
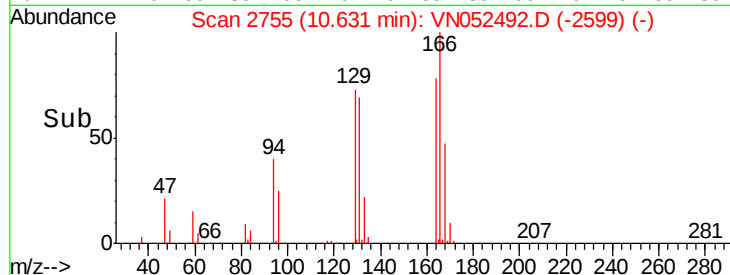


Abundance Ion 163.85 (163.55 to 164.55): V

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



#62

Toluene

Concen: 19.630 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052492.D

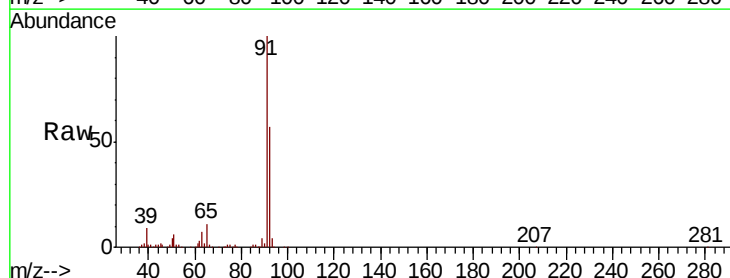
Acq: 27 Nov 2018 21:39

Tgt Ion: 91 Resp: 1041155

Ion Ratio Lower Upper

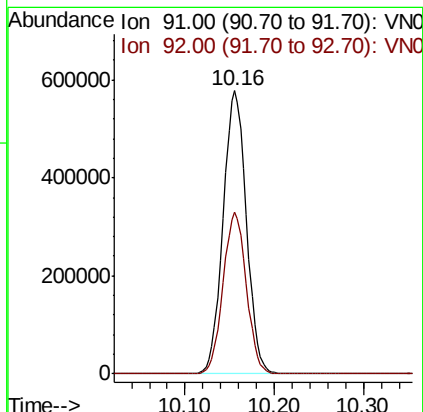
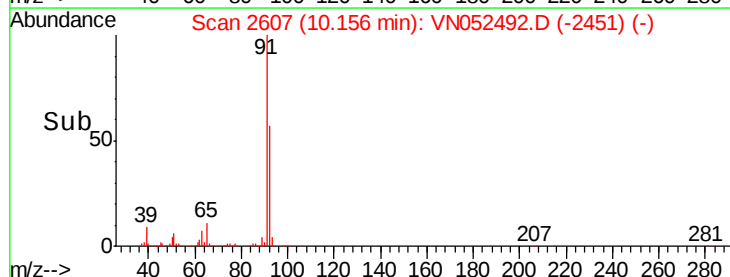
91 100

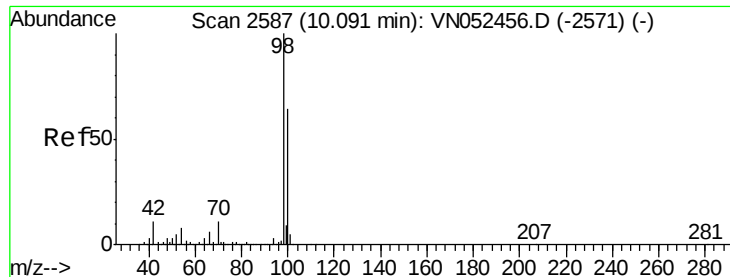
92 57.1 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 19.630 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

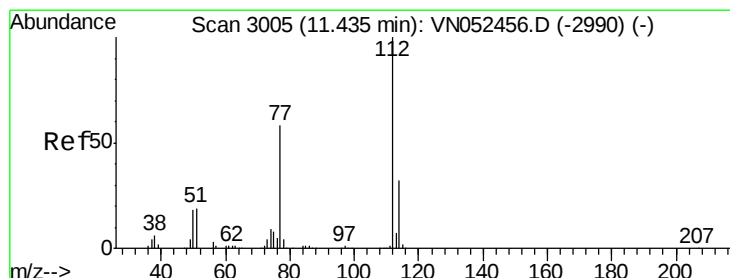
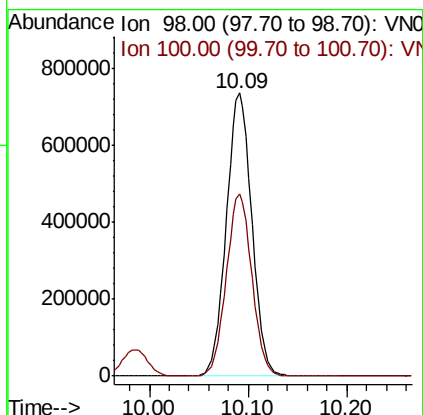
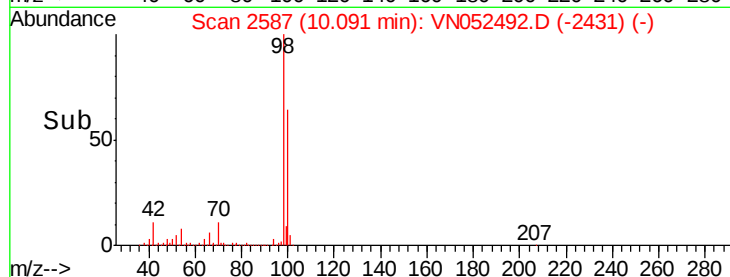
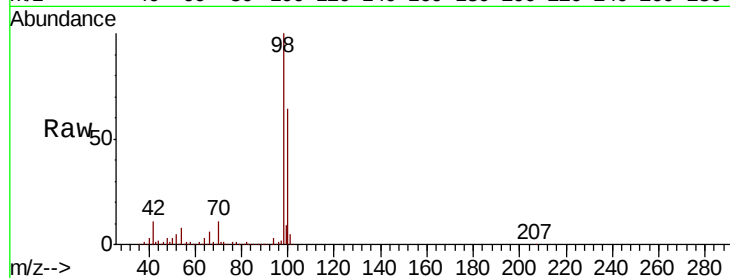
BFB

Tot Ion: 98 Resp: 1331894

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



#64

Chlorobenzene

Concen: 19.107 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052492.D

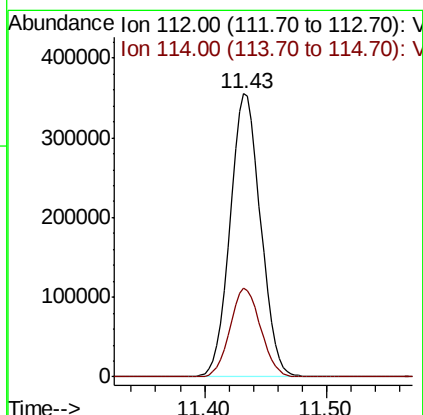
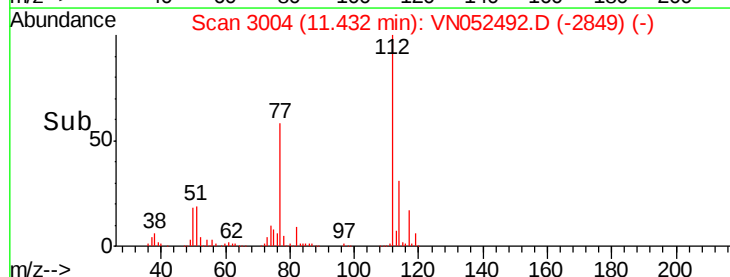
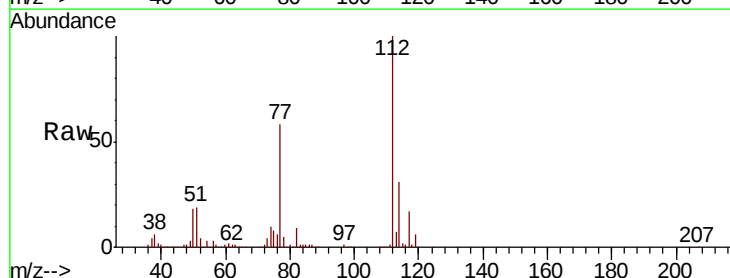
Acq: 27 Nov 2018 21:39

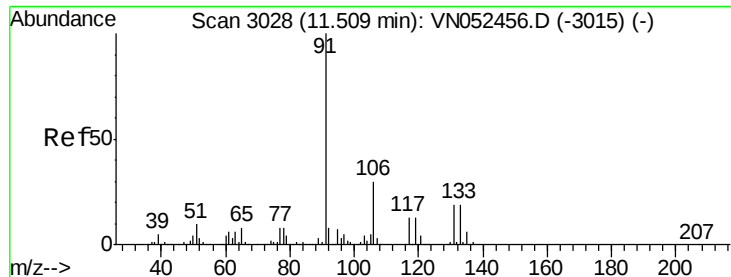
Tgt Ion: 112 Resp: 618574

Ion Ratio Lower Upper

112 100

114 31.2 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 18.767 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampleId :

BFB

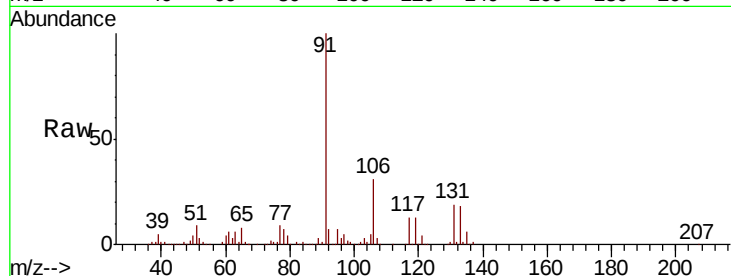
Tot Ion:131 Resp: 210889

Ion Ratio Lower Upper

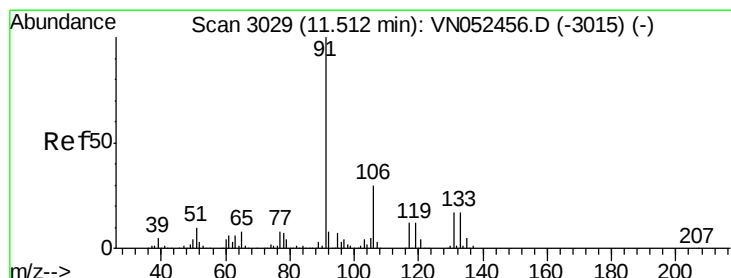
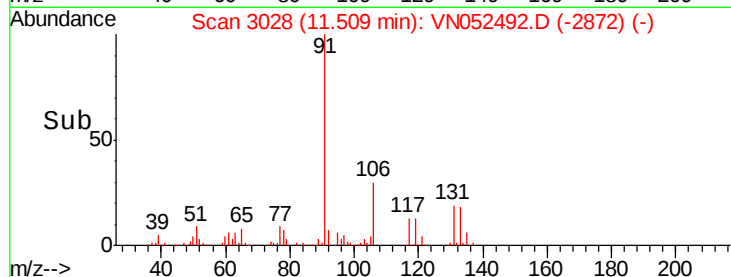
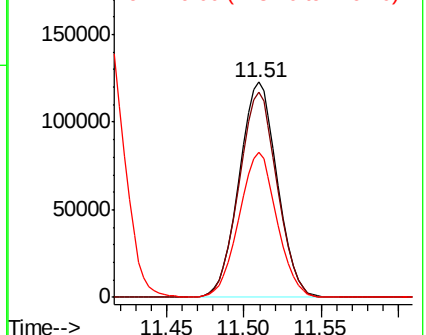
131 100

133 95.6 0.0 193.4

119 66.6 0.0 133.0



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: 18.868 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052492.D

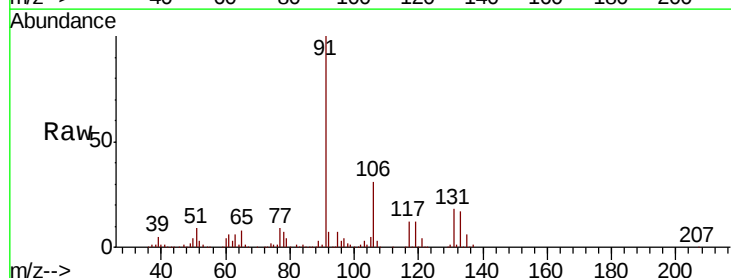
Acq: 27 Nov 2018 21:39

Tgt Ion: 91 Resp: 1078558

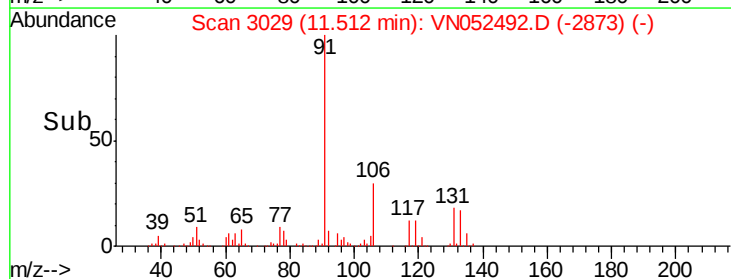
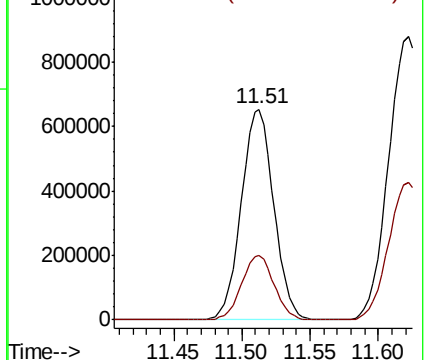
Ion Ratio Lower Upper

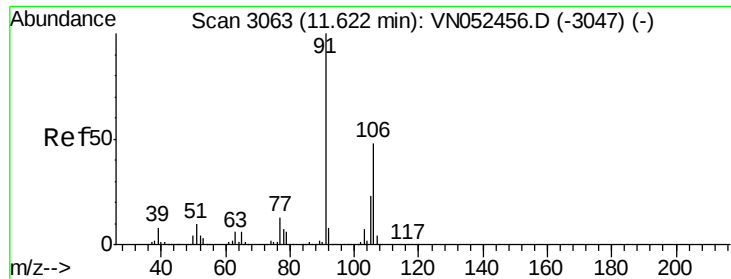
91 100

106 30.7 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

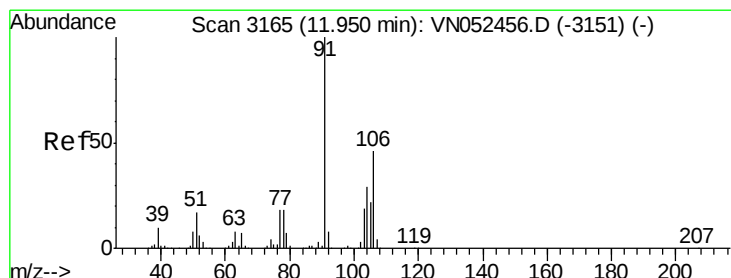
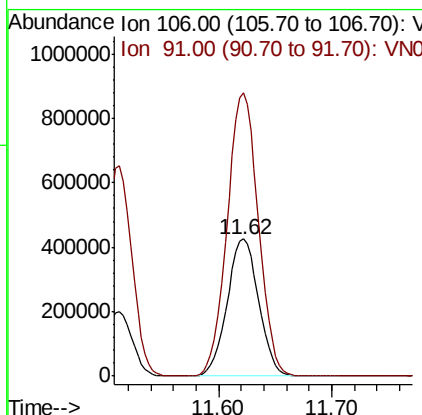
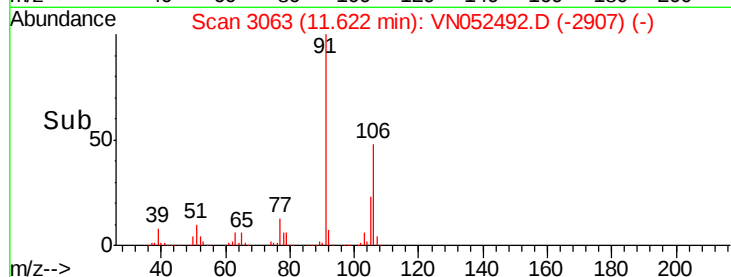
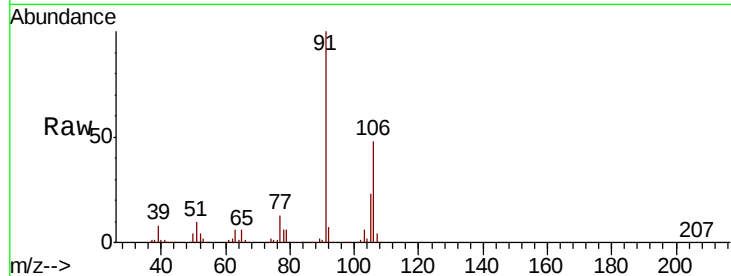




#67
m/p-Xylenes
Concen: 38.595 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

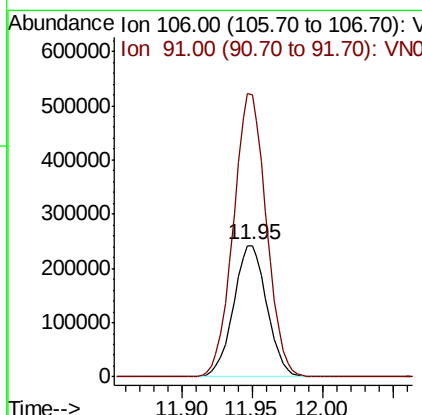
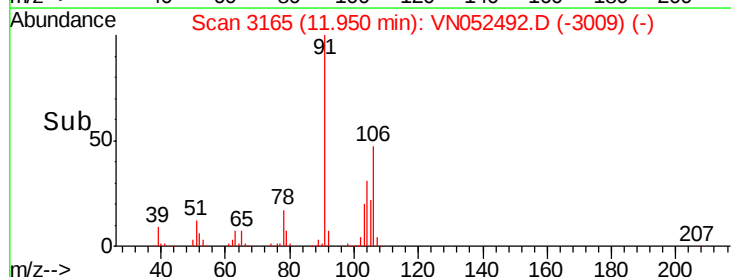
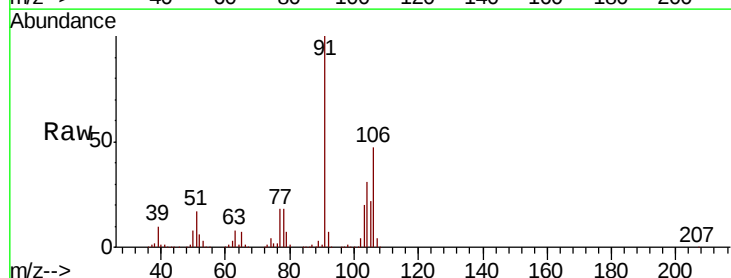
Instrument :
MSVOA_N
ClientSampled :
BFB

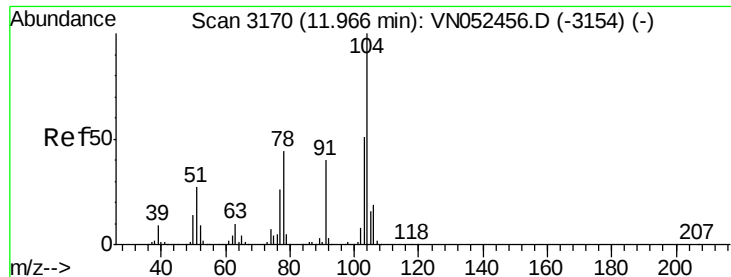
Tot Ion:106 Resp: 821951
Ion Ratio Lower Upper
106 100
91 204.5 163.9 245.9



#68
o-Xylene
Concen: 19.464 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion:106 Resp: 402325
Ion Ratio Lower Upper
106 100
91 212.7 107.8 323.4

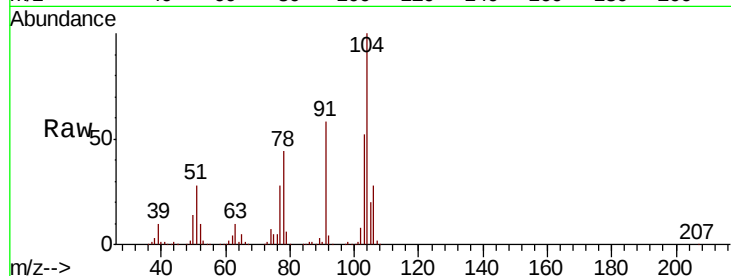




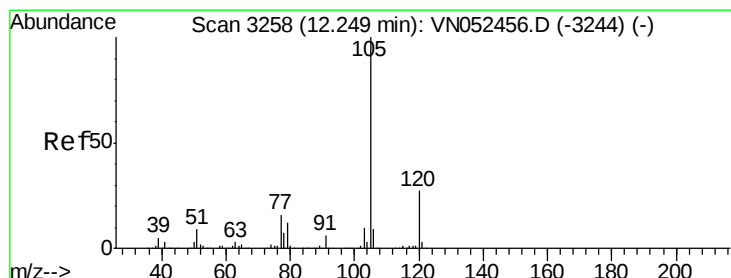
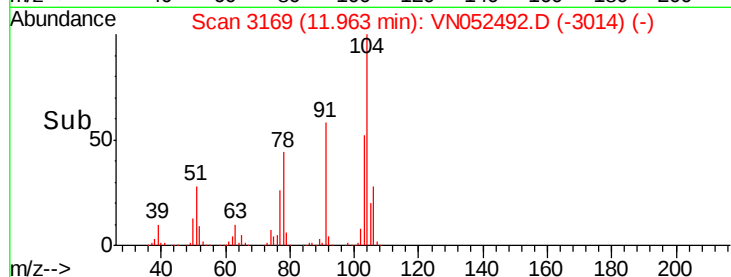
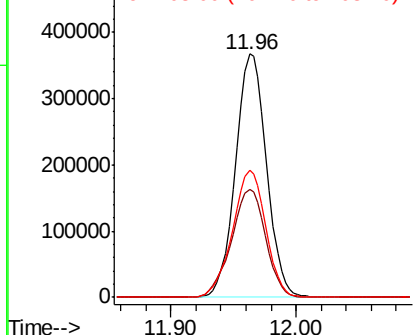
#69
Stvrene
Concen: 18.904 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:104 Resp: 630731
Ion Ratio Lower Upper
104 100
78 49.0 39.3 58.9
103 56.1 44.6 66.8

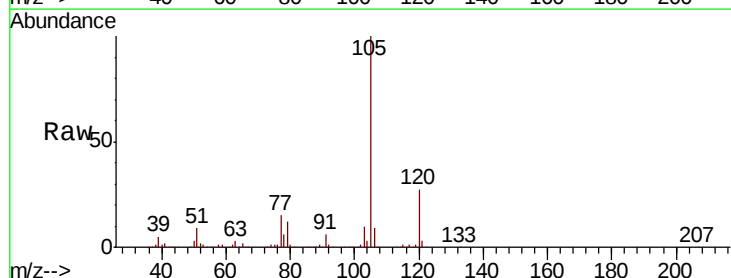


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

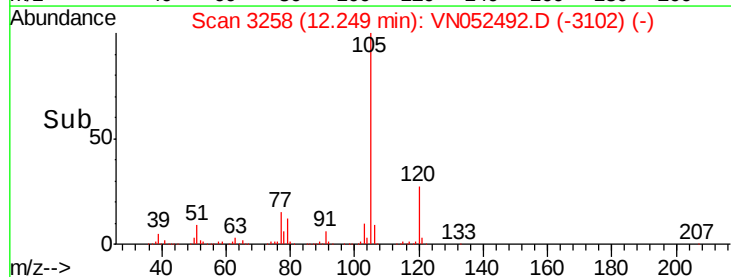
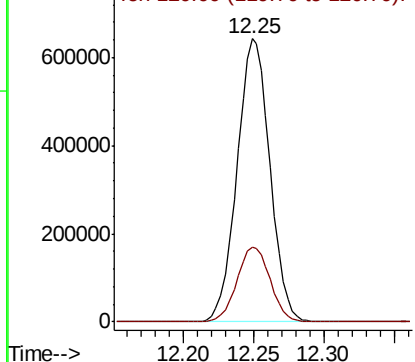


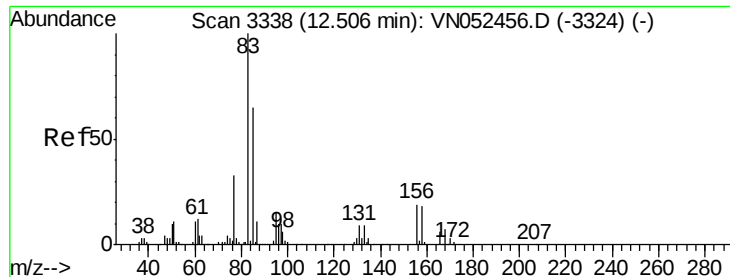
#70
Isopropylbenzene
Concen: 19.011 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion:105 Resp: 1045572
Ion Ratio Lower Upper
105 100
120 26.7 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

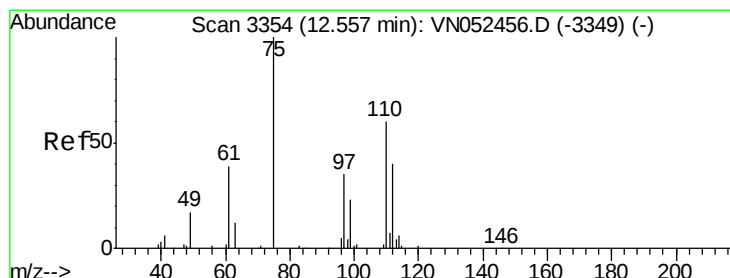
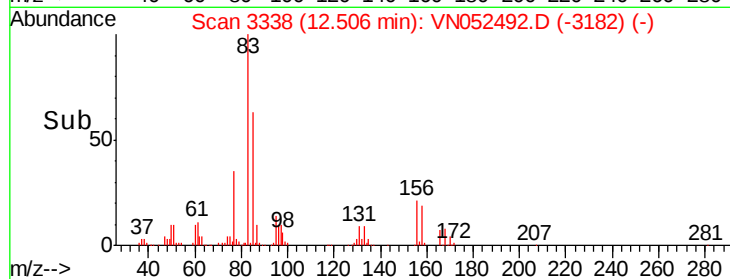
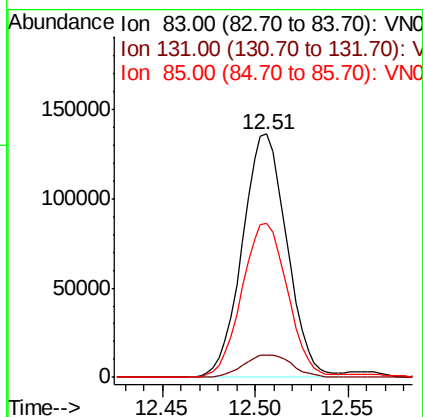
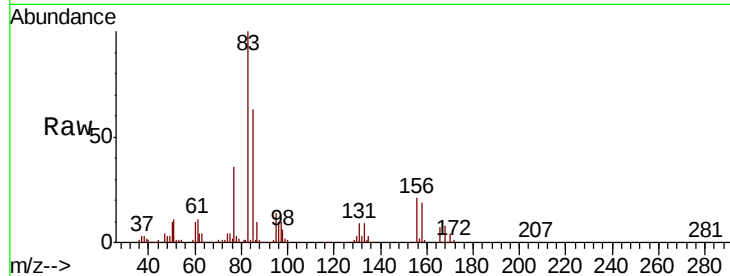




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.028 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

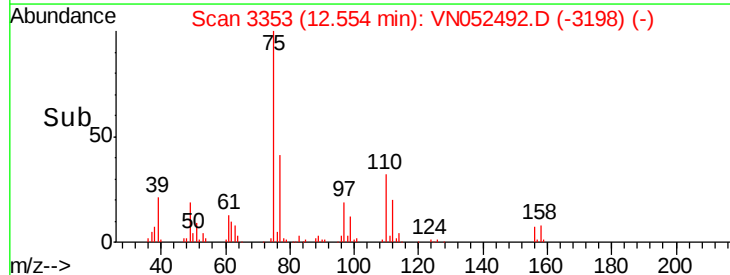
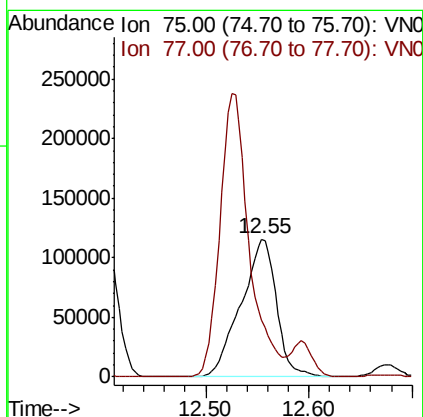
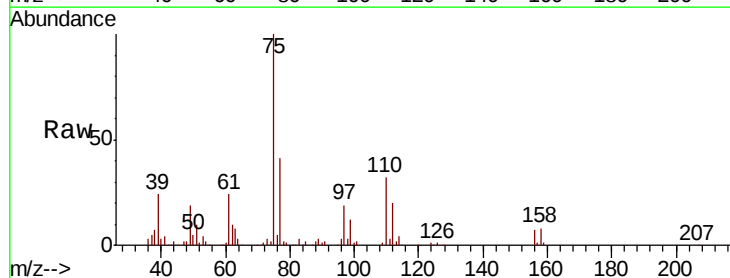
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

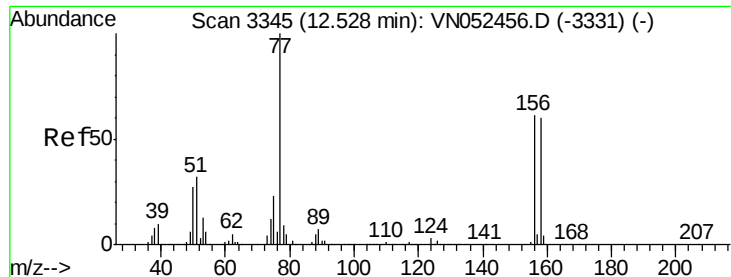
Tot Ion: 83 Resp: 227648
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.6
 85 64.7 32.2 96.6



#72
 1,2,3-Trichloropropane
 Concen: 27.019 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion: 75 Resp: 277485
 Ion Ratio Lower Upper
 75 100
 77 169.7 0.0 514.8





#73

Bromobenzene

Concen: 19.410 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

BFB

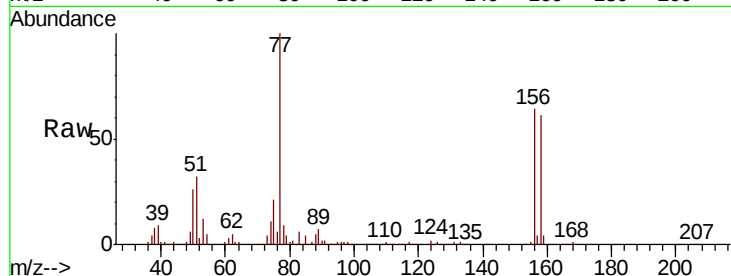
Tot Ion:156 Resp: 258191

Ion Ratio Lower Upper

156 100

77 182.3 0.0 382.6

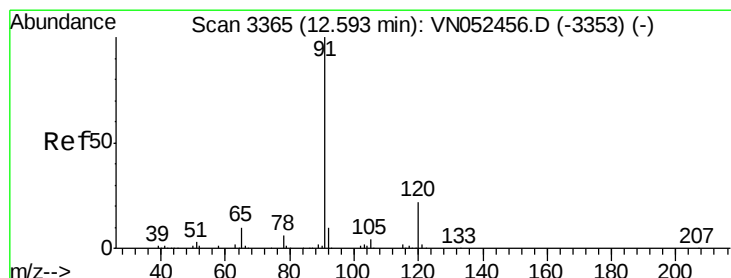
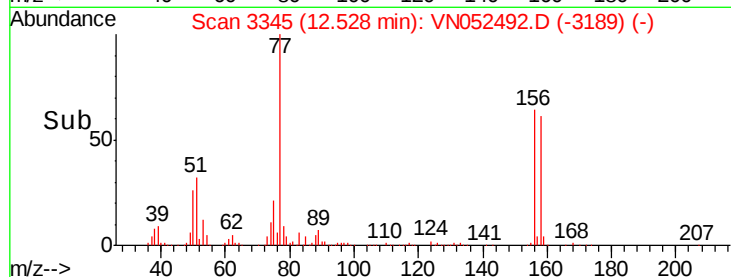
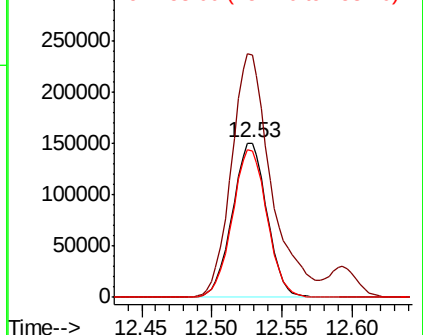
158 96.2 0.0 196.8



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: 18.455 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052492.D

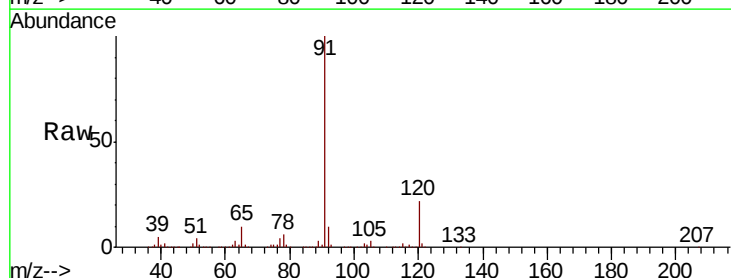
Acq: 27 Nov 2018 21:39

Tgt Ion: 91 Resp: 1182628

Ion Ratio Lower Upper

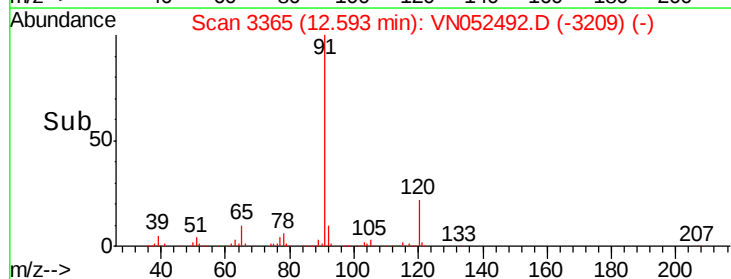
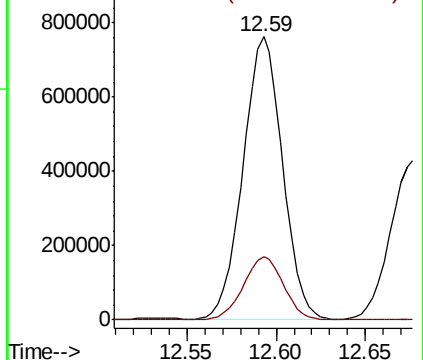
91 100

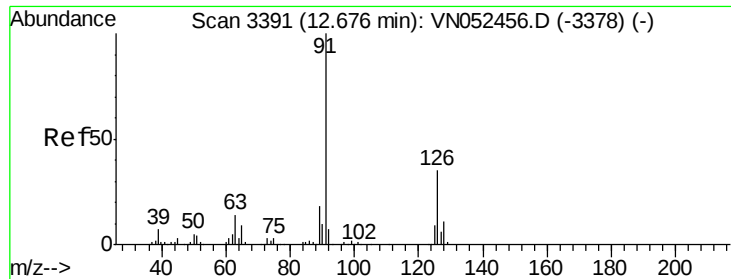
120 22.5 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.164 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052492.D

Acq: 27 Nov 2018 21:39

Instrument :

MSVOA_N

ClientSampled :

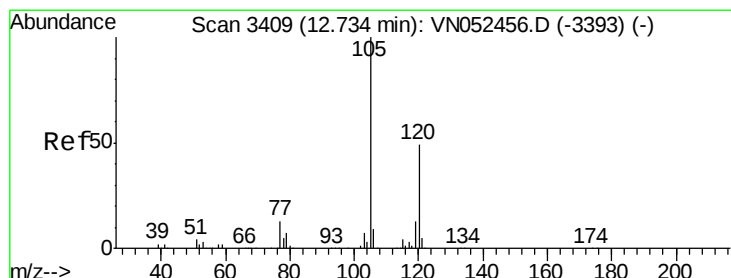
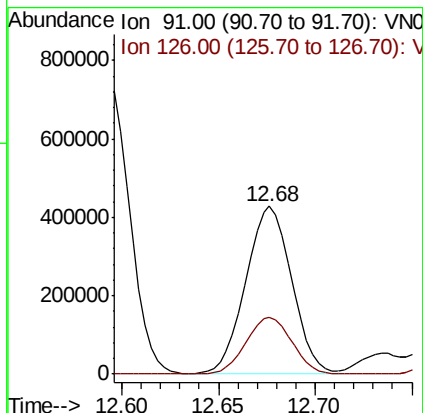
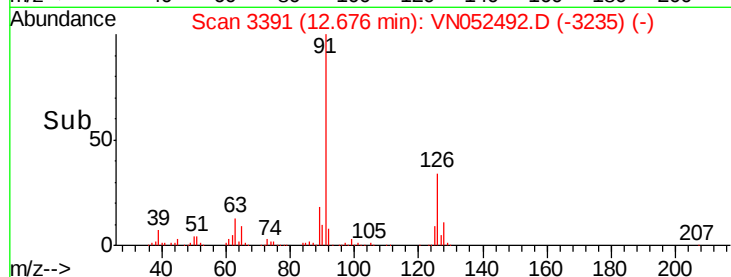
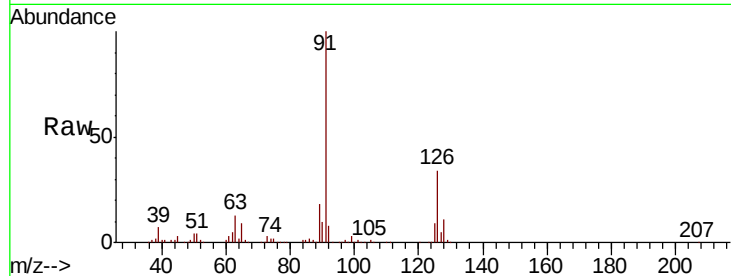
BFB

Tot Ion: 91 Resp: 712826

Ion Ratio Lower Upper

91 100

126 33.8 0.0 68.4



#76

1,3,5-Trimethylbenzene

Concen: 19.165 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052492.D

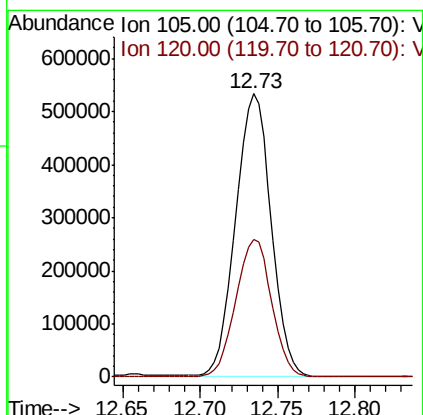
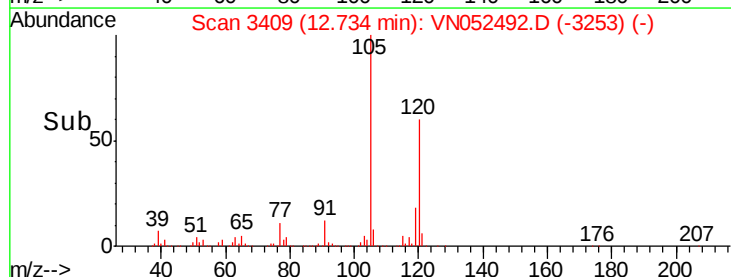
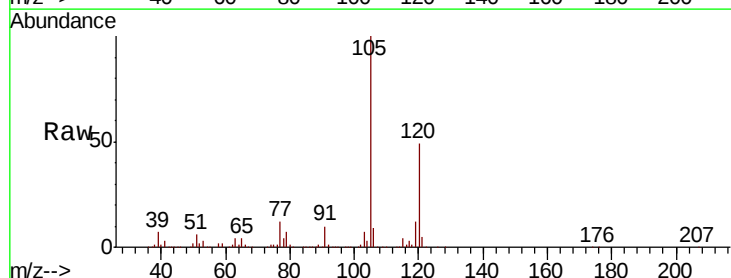
Acq: 27 Nov 2018 21:39

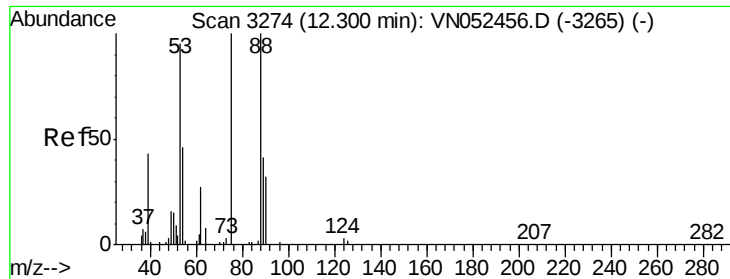
Tgt Ion: 105 Resp: 851383

Ion Ratio Lower Upper

105 100

120 48.8 0.0 97.4

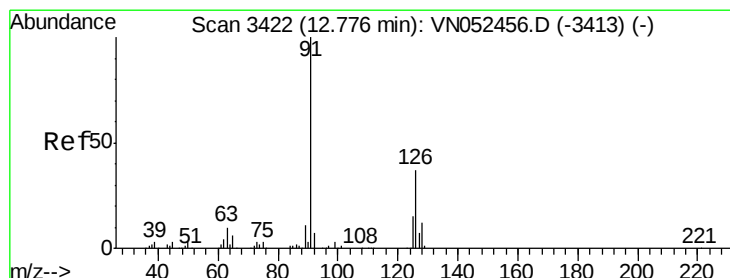
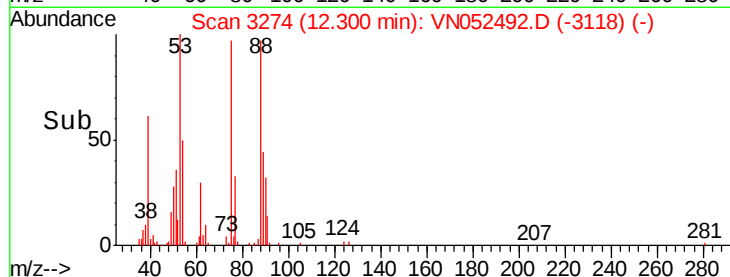
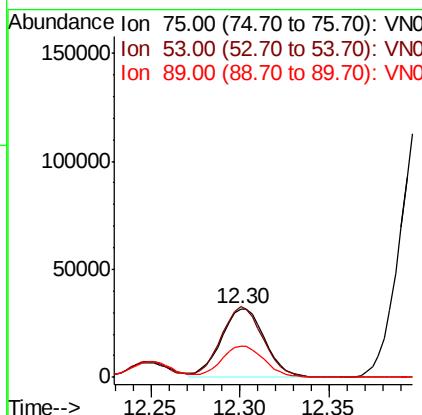
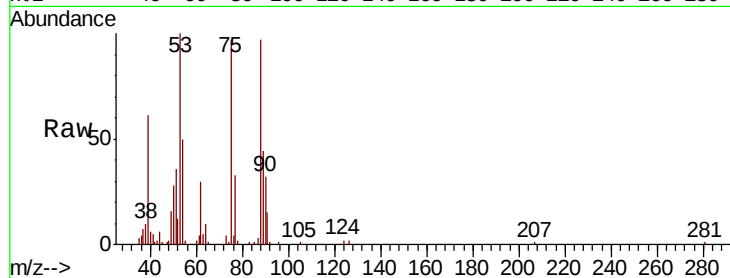




#77
t-1,4-Dichloro-2-butene
Concen: 16.754 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

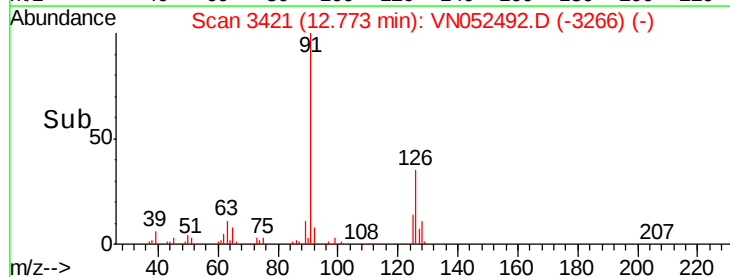
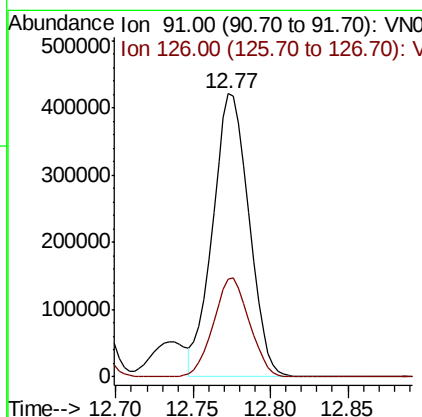
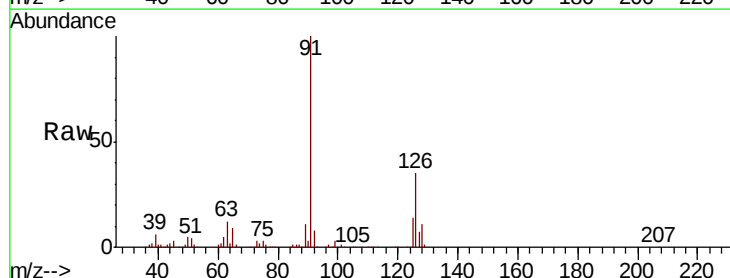
Instrument :
MSVOA_N
ClientSampled :
BFB

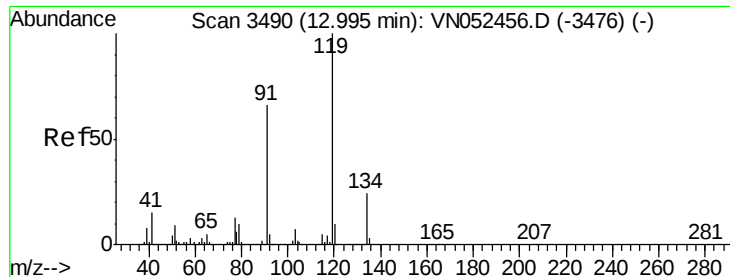
Tot Ion: 75 Resp: 54354
Ion Ratio Lower Upper
75 100
53 102.3 48.5 145.6
89 45.1 21.7 65.1



#78
4-Chlorotoluene
Concen: 18.534 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 91 Resp: 688429
Ion Ratio Lower Upper
91 100
126 34.7 0.0 68.2

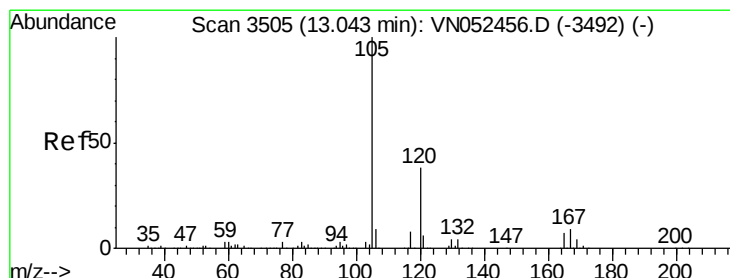
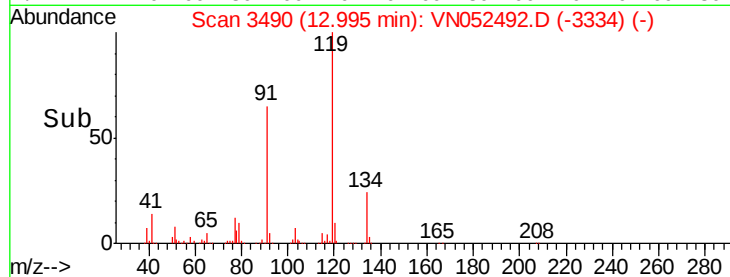
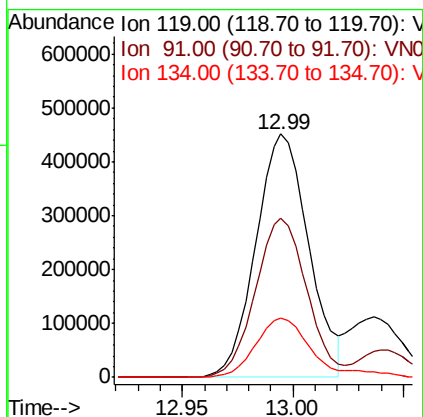
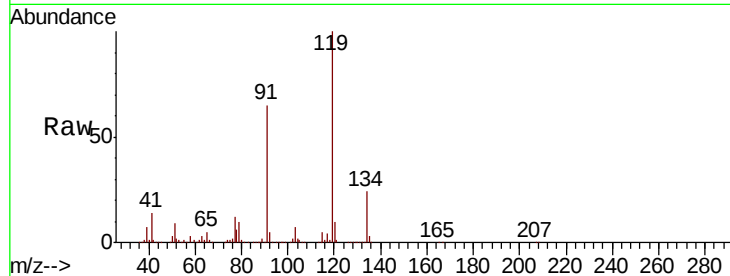




#79
tert-butylbenzene
Concen: 19.328 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

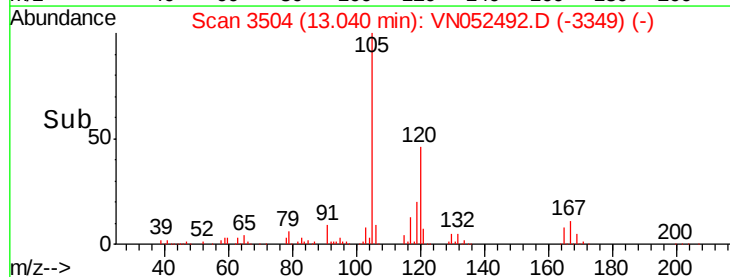
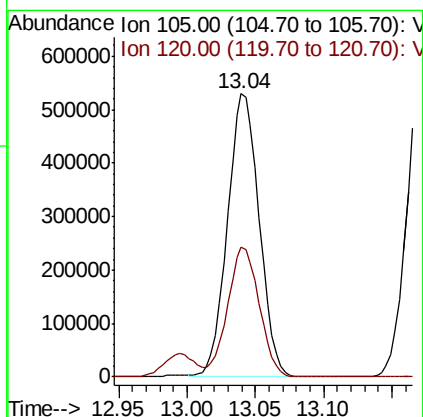
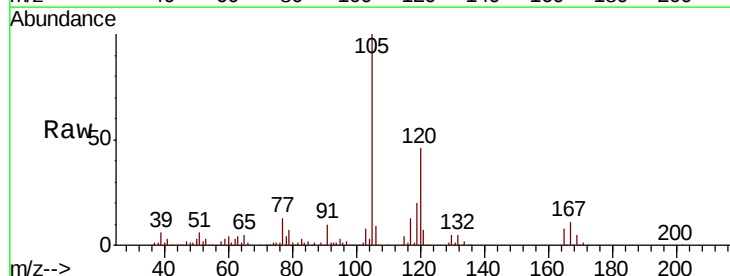
Instrument :
MSVOA_N
ClientSampled :
BFB

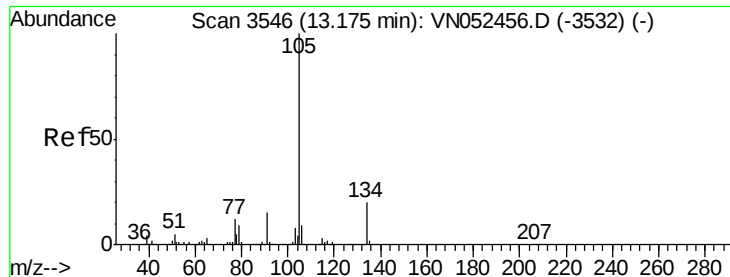
Tot Ion:119 Resp: 747729
Ion Ratio Lower Upper
119 100
91 63.8 0.0 129.8
134 24.4 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 19.253 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion:105 Resp: 855791
Ion Ratio Lower Upper
105 100
120 46.0 0.0 91.0

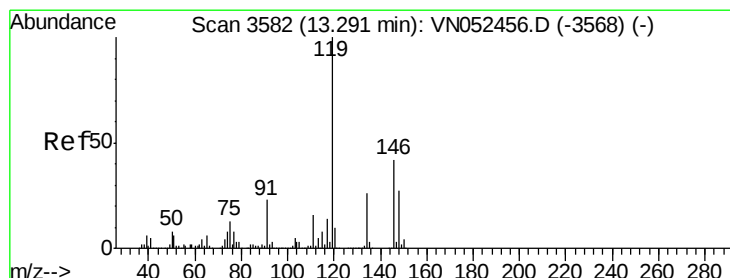
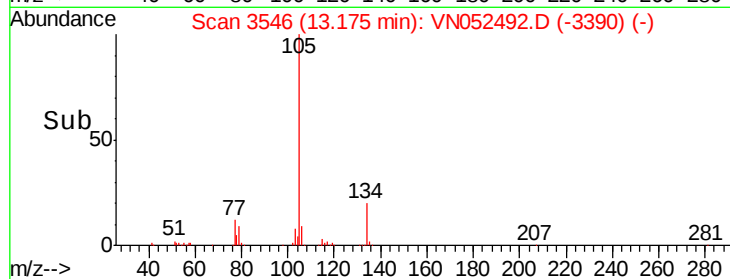
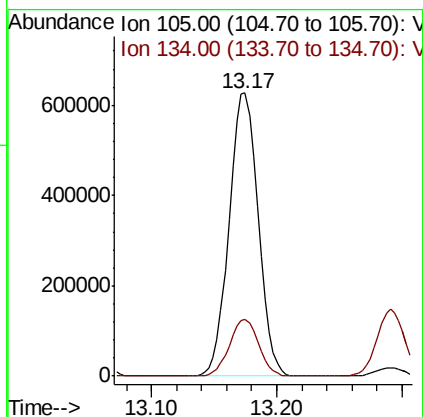
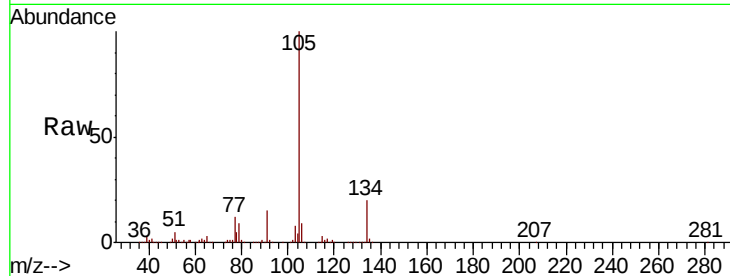




#81
 sec-Butylbenzene
 Concen: 18.754 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

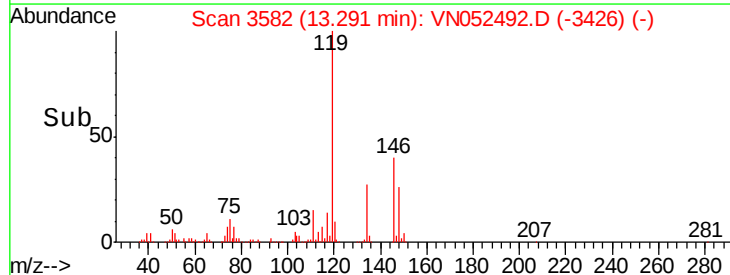
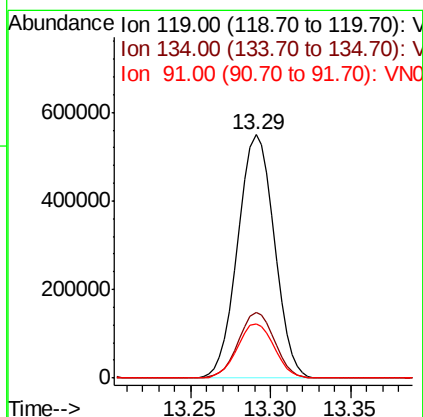
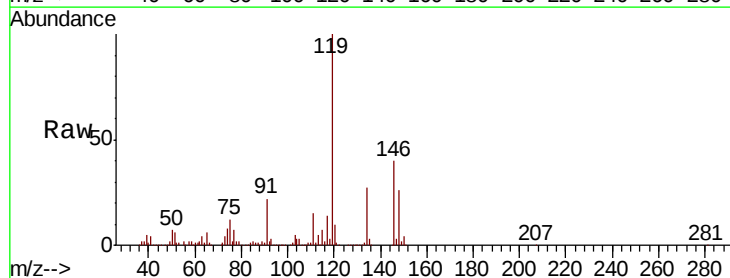
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

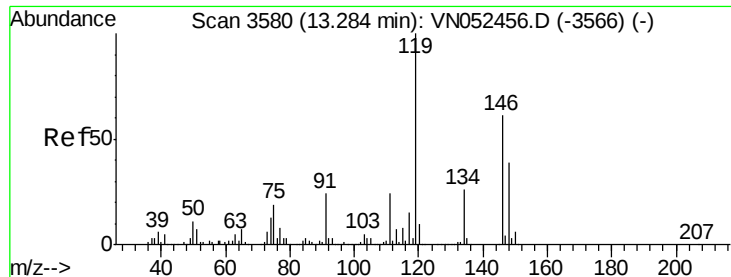
Tot Ion:105 Resp: 1010580
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.4



#82
 p-Isopropyltoluene
 Concen: 18.639 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion:119 Resp: 855263
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.6
 91 22.5 0.0 46.2

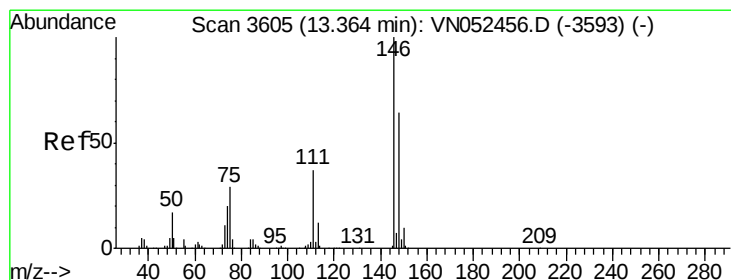
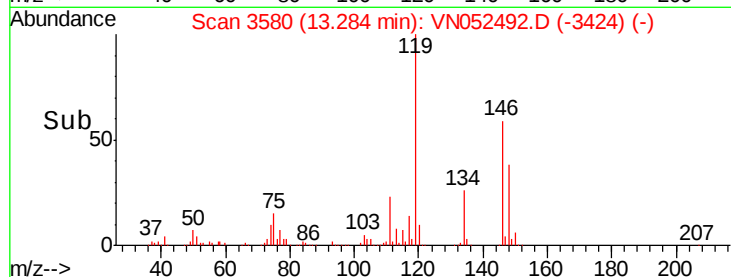
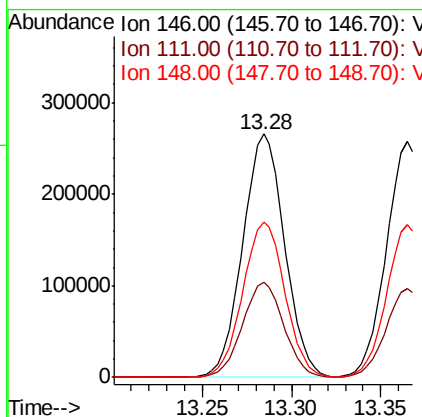
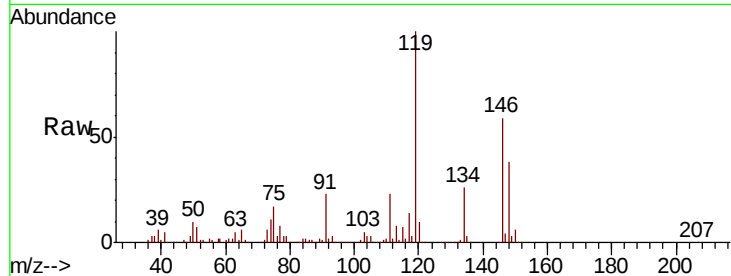




#83
 1,3-Dichlorobenzene
 Concen: 18.613 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

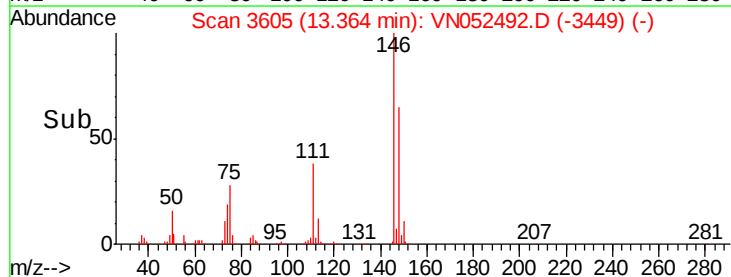
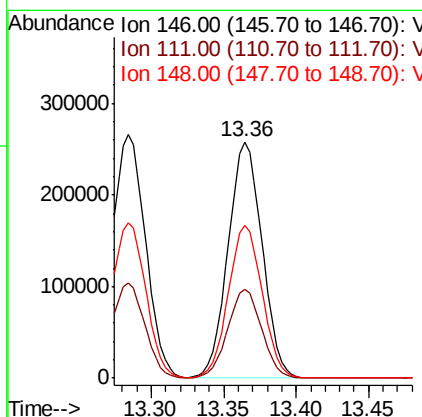
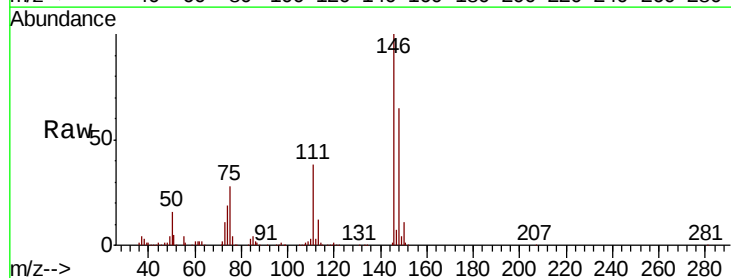
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

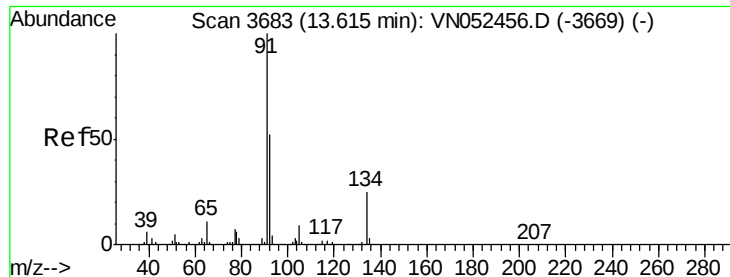
Tot Ion:146 Resp: 435441
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.0
 148 64.3 32.3 96.8



#84
 1,4-Dichlorobenzene
 Concen: 18.643 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion:146 Resp: 421373
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.4 32.5 97.4

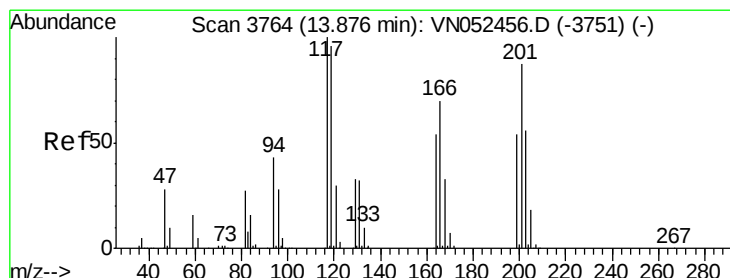
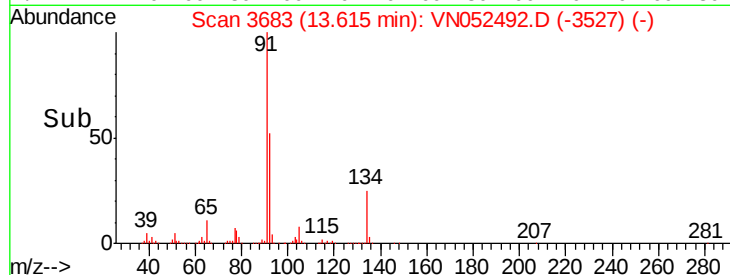
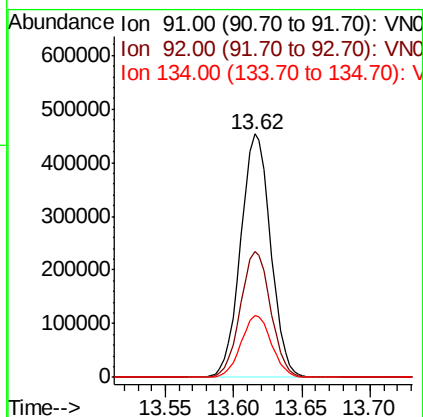
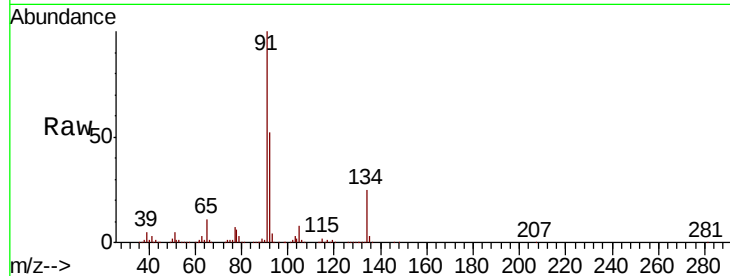




#85
n-Butylbenzene
Concen: 17.561 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

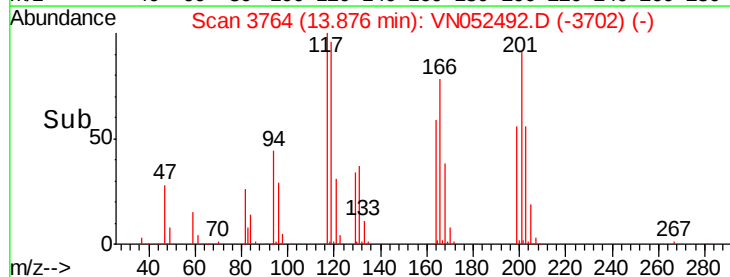
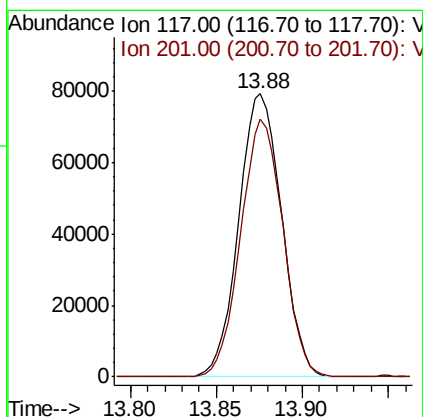
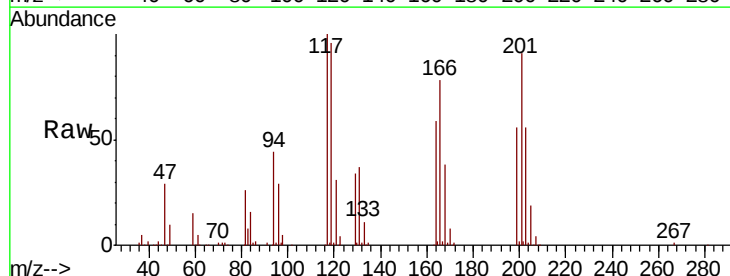
Instrument :
MSVOA_N
ClientSampled :
BFB

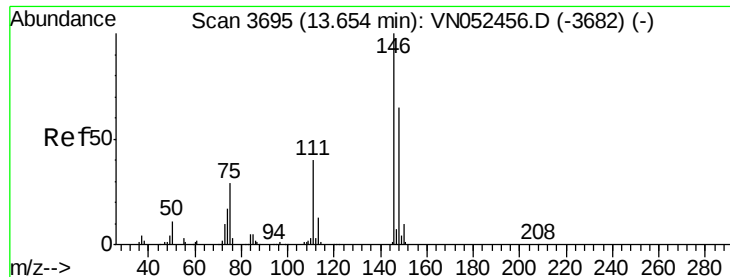
Tot Ion: 91 Resp: 692163
Ion Ratio Lower Upper
91 100
92 52.0 0.0 104.2
134 25.9 0.0 50.6



#86
Hexachloroethane
Concen: 17.687 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion: 117 Resp: 137508
Ion Ratio Lower Upper
117 100
201 89.4 43.8 131.3

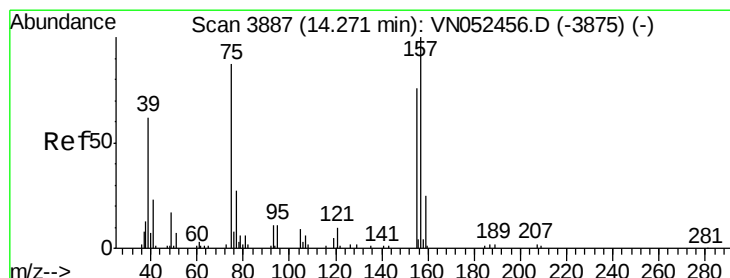
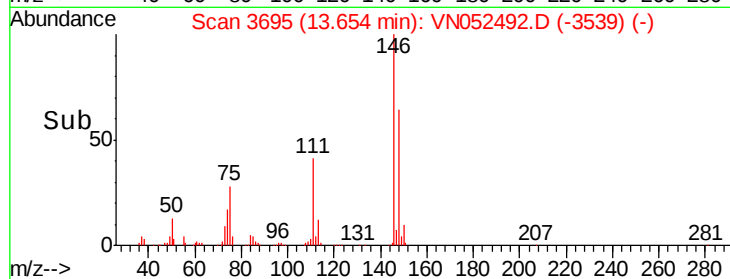
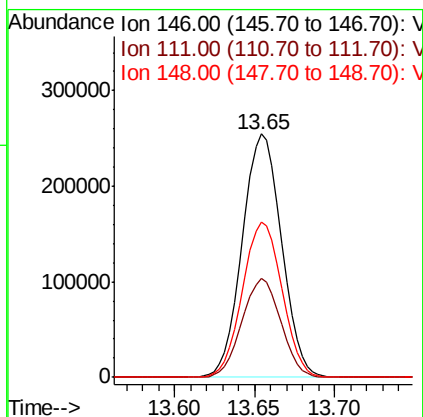
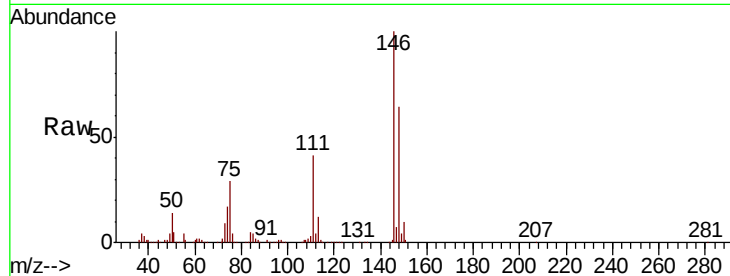




#87
 1,2-Dichlorobenzene
 Concen: 19.140 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

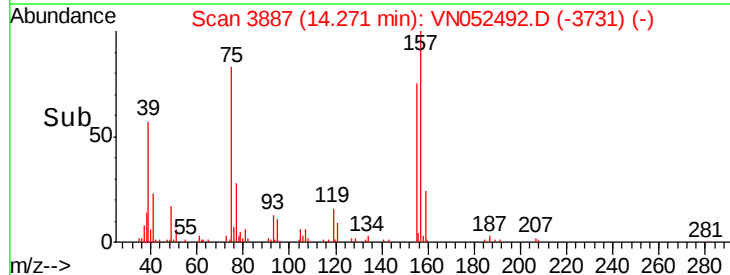
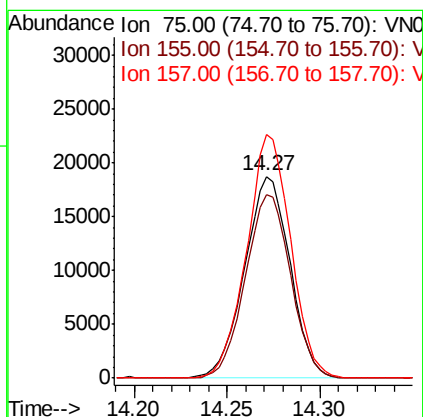
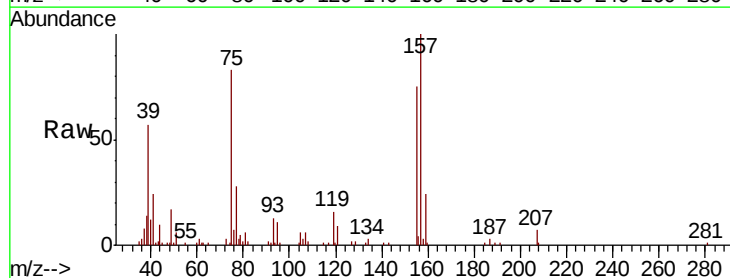
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

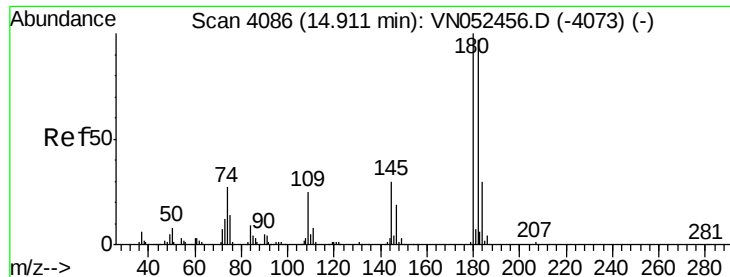
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	64.3	32.1	96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.980 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	72.2	108.2
157	117.1	94.2	141.2

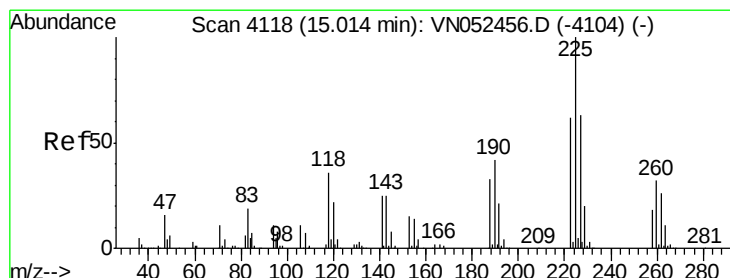
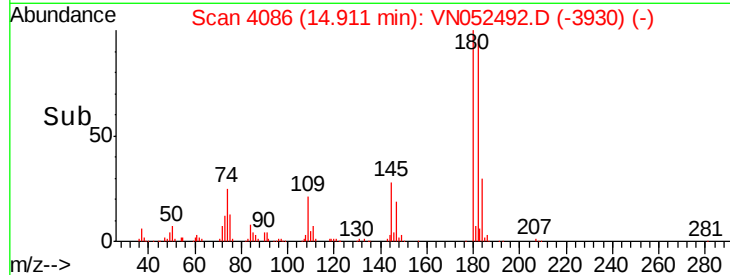
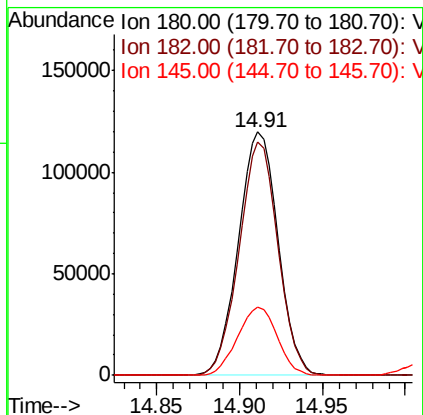
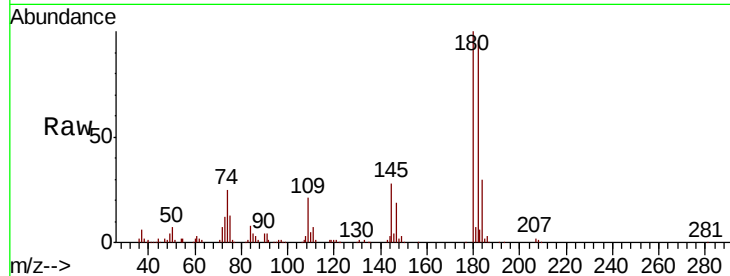




#89
 1,2,4-Trichlorobenzene
 Concen: 18.158 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

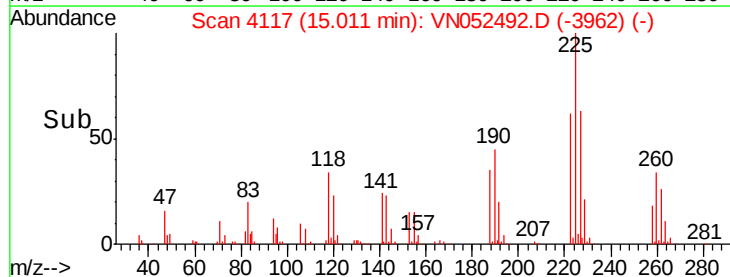
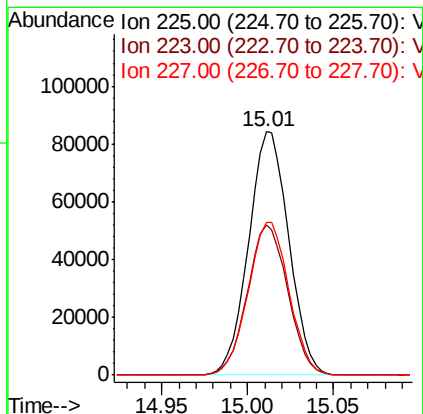
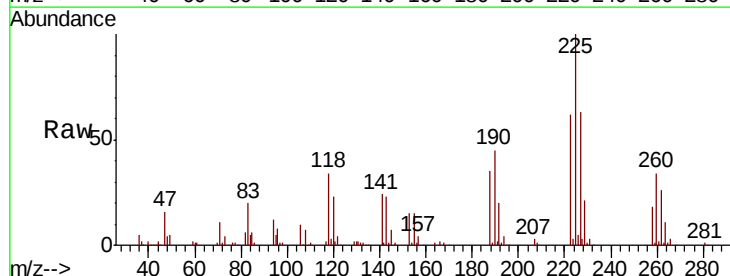
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

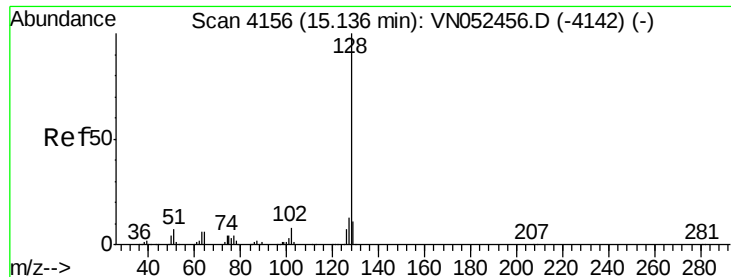
Tot Ion:180 Resp: 199159
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.6 114.8
 145 28.3 23.6 35.4



#90
 Hexachlorobutadiene
 Concen: 18.997 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052492.D
 Acq: 27 Nov 2018 21:39

Tgt Ion:225 Resp: 136687
 Ion Ratio Lower Upper
 225 100
 223 61.9 0.0 125.6
 227 63.6 0.0 127.8

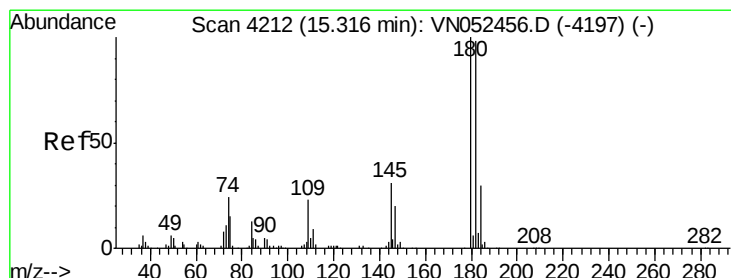
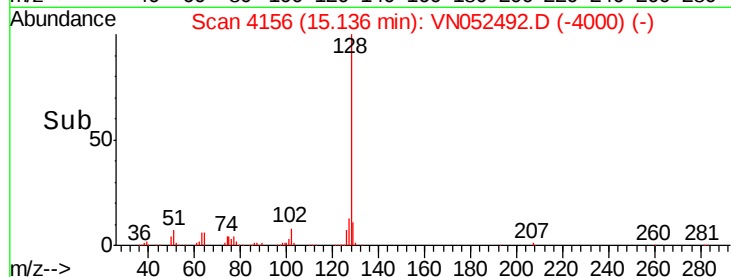
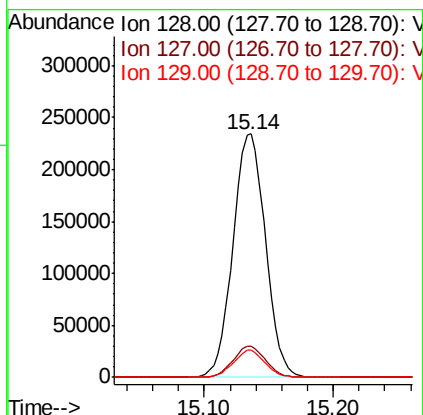
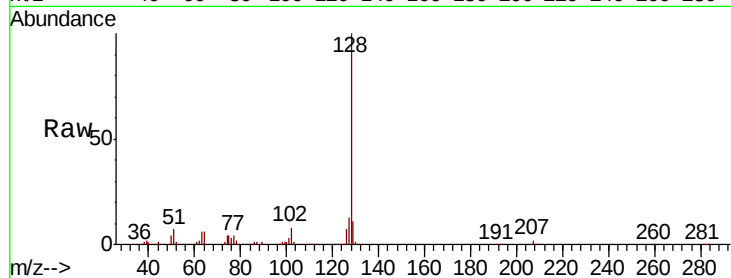




#91
Naphthalene
Concen: 18.548 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:128 Resp: 410833
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 10.8 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 18.610 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052492.D
Acq: 27 Nov 2018 21:39

Tgt Ion:180 Resp: 188103
Ion Ratio Lower Upper
180 100
182 96.2 0.0 196.2
145 30.7 0.0 62.2

