

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052579.D
 Acq On : 29 Nov 2018 21:58
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Nov 30 04:02:00 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	172564	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1002343	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	869663	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	350368	29.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.33%
60) 4-Bromofluorobenzene	12.40	95	397850	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	10.09	98	1211111	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	179010	18.214	ug/l 98
3) Chloromethane	2.06	50	233332	17.902	ug/l 99
4) Vinyl Chloride	2.19	62	246929	18.770	ug/l 95
5) Bromomethane	2.58	94	152480	20.328	ug/l 99
6) Chloroethane	2.71	64	151383	19.350	ug/l 100
7) Trichlorofluoromethane	3.02	101	311965	19.215	ug/l 99
8) Diethyl Ether	3.41	74	116633	19.455	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	188987	18.362	ug/l 98
10) 1,1-Dichloroethene	3.74	96	184275	19.043	ug/l 98
11) Methyl Iodide	3.96	142	257711	19.181	ug/l 98
12) Methyl Acetate	4.33	43	158634	19.293	ug/l 98
13) Acrolein	3.61	56	82638	85.562	ug/l 99
14) Acrylonitrile	4.99	53	330172	94.245	ug/l # 80
15) Acetone	3.82	58	75106	82.781	ug/l 100
16) Carbon Disulfide	4.06	76	538686	17.583	ug/l 100
17) Allyl chloride	4.33	41	288362	17.087	ug/l 98
18) Methylene Chloride	4.55	84	215766	19.257	ug/l 96
19) trans-1,2-Dichloroethene	5.05	96	201834	19.381	ug/l 93
20) Diisopropyl ether	5.95	45	663723	18.715	ug/l 98
21) 1,1-Dichloroethane	5.85	63	381866	18.891	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	228549	19.149	ug/l 97
23) tert-Butyl Alcohol	4.77	59	55856	107.177	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	507959	20.009	ug/l 98
25) Chloroform	7.37	83	376625	19.313	ug/l 100
26) Cyclohexane	7.66	56	345854	18.141	ug/l # 97
29) 1,1-Dichloropropene	7.79	75	288033	18.817	ug/l 99
30) 2-Butanone	6.83	43	367753	89.787	ug/l 99
31) 2,2-Dichloropropane	6.83	77	246855	17.518	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	305973	19.211	ug/l 97
33) Carbon Tetrachloride	7.77	117	266043	19.090	ug/l 99
34) Benzene	8.04	78	877597	19.070	ug/l 98
35) Methacrylonitrile	7.17	41	85489	16.823	ug/l 95
36) 1,2-Dichloroethane	8.13	62	265747	19.056	ug/l 99
37) Trichloroethene	8.84	130	228290	19.563	ug/l 95
38) Methylcyclohexane	9.08	83	334564	17.657	ug/l 98
39) 1,2-Dichloropropane	9.12	63	230912	18.718	ug/l 98
40) Dibromomethane	9.21	93	130434	19.566	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
 Data File : VN052579.D
 Acq On : 29 Nov 2018 21:58
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Nov 30 04:02:00 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)
41) Bromodichloromethane	9.40	83	280353	19.035	ug/l	97
42) Vinyl Acetate	5.90	43	2087611	94.201	ug/l	98
43) Ethyl Acetate	6.93	43	167501	19.232	ug/l #	73
44) Isopropyl Acetate	8.17	43	326313	21.363	ug/l #	85
45) 1,4-Dioxane	9.20	88	36464	436.371	ug/l	92
46) Methyl methacrylate	9.20	41	152784	19.265	ug/l	99
47) n-amyl Acetate	12.07	43	244163	19.279	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	264305	18.508	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	320054	18.395	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	187544	19.847	ug/l	99
51) Ethyl methacrylate	10.43	69	232845	19.619	ug/l	96
52) 1,3-Dichloropropane	10.71	76	324933	19.318	ug/l	99
53) Dibromochloromethane	10.90	129	198654	19.095	ug/l	97
54) 1,2-Dibromoethane	11.01	107	183523	19.875	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	685813	98.720	ug/l	99
56) Bromoform	12.13	173	130837	19.240	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	842993	99.985	ug/l	99
59) 2-Hexanone	10.75	43	549396	95.391	ug/l	98
61) Tetrachloroethene	10.63	164	224092	20.922	ug/l	95
62) Toluene	10.16	91	938182	19.569	ug/l	99
64) Chlorobenzene	11.44	112	568866	19.440	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	201264	19.815	ug/l	99
66) Ethyl Benzene	11.51	91	991014	19.180	ug/l	99
67) m/p-Xylenes	11.62	106	751171	39.022	ug/l	99
68) o-Xylene	11.95	106	368466	19.721	ug/l	100
69) Styrene	11.97	104	587095	19.468	ug/l	100
70) Isopropylbenzene	12.25	105	981608	19.746	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	218396	20.196	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	264054	28.445	ug/l	48
73) Bromobenzene	12.53	156	241577	20.092	ug/l	95
74) n-propylbenzene	12.59	91	1099948	18.990	ug/l	99
75) 2-Chlorotoluene	12.68	91	651106	19.366	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	785851	19.571	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	51173	17.450	ug/l	98
78) 4-Chlorotoluene	12.77	91	640387	19.074	ug/l	99
79) tert-butylbenzene	12.99	119	696157	19.908	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	789331	19.646	ug/l	99
81) sec-Butylbenzene	13.17	105	929279	19.079	ug/l	100
82) p-Isopropyltoluene	13.29	119	797845	19.237	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	410572	19.416	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	397366	19.450	ug/l	99
85) n-Butylbenzene	13.62	91	632642	17.758	ug/l	99
86) Hexachloroethane	13.88	117	130187	18.526	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	401107	19.933	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	30636	20.225	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	185689	18.730	ug/l	98
90) Hexachlorobutadiene	15.01	225	125900	19.359	ug/l	99
91) Naphthalene	15.13	128	395448	19.752	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	179013	19.593	ug/l	98

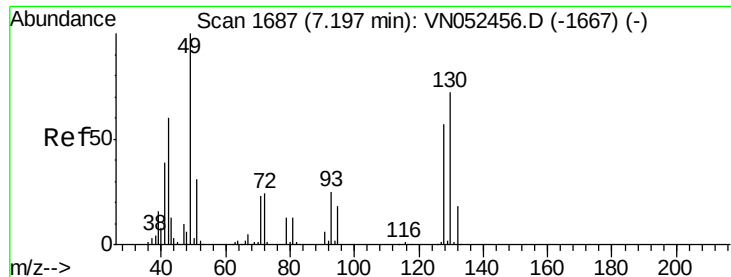
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112918\
Data File : VN052579.D
Acq On : 29 Nov 2018 21:58
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
BFB

Quant Time: Nov 30 04:02:00 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)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

BFB

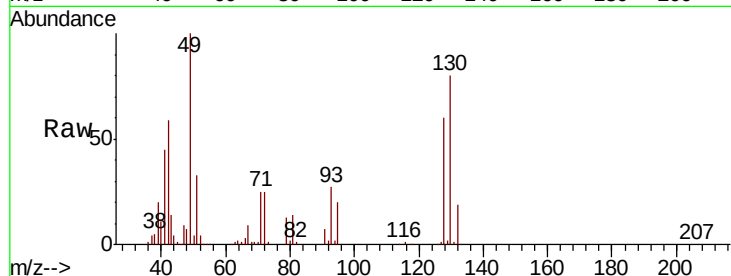
Tot Ion:128 Resp: 172564

Ion Ratio Lower Upper

128 100

49 163.9 0.0 431.8

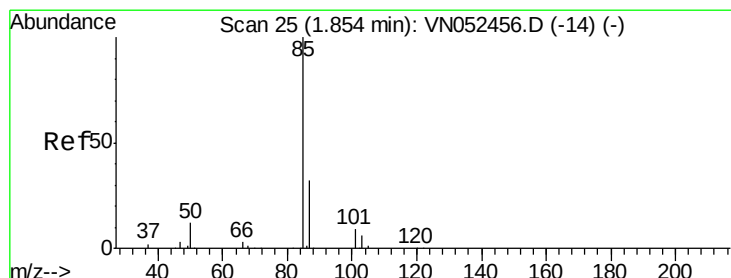
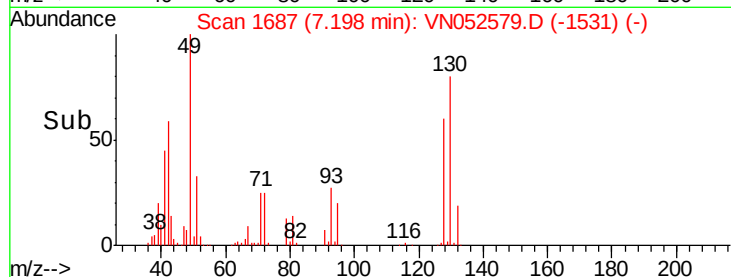
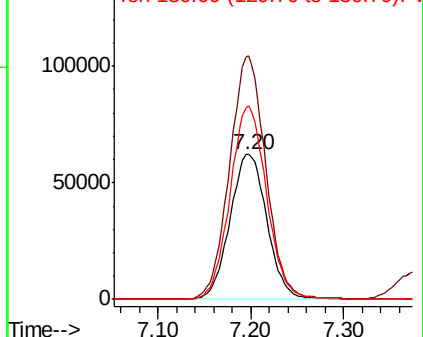
130 131.2 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.214 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052579.D

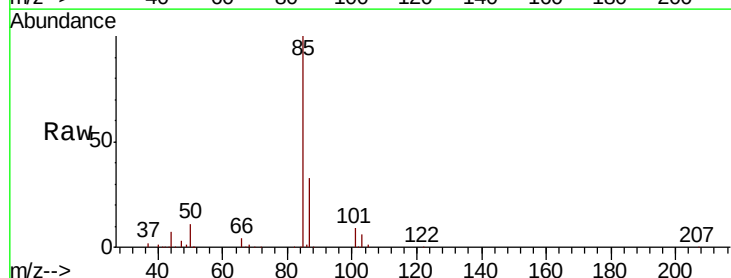
Acq: 29 Nov 2018 21:58

Tgt Ion: 85 Resp: 179010

Ion Ratio Lower Upper

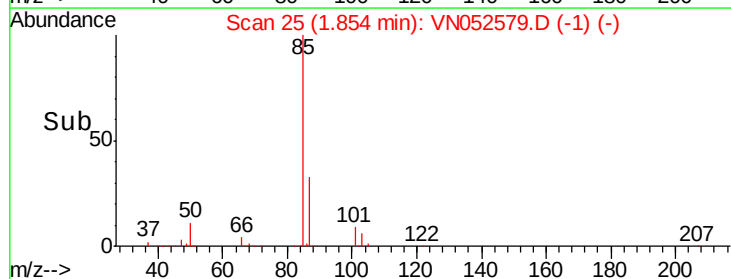
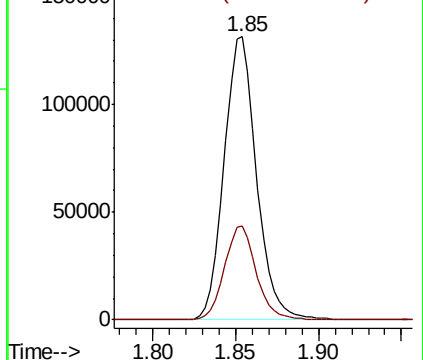
85 100

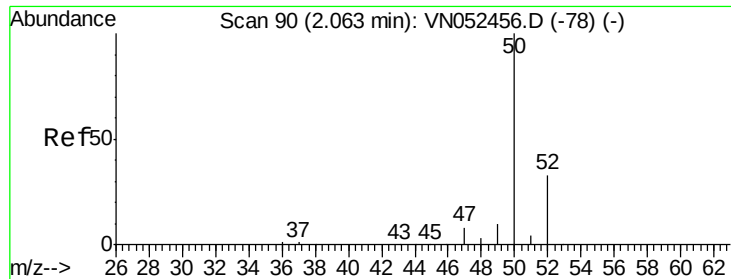
87 33.2 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 17.902 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

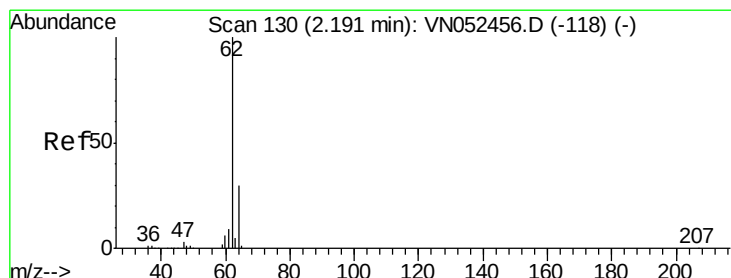
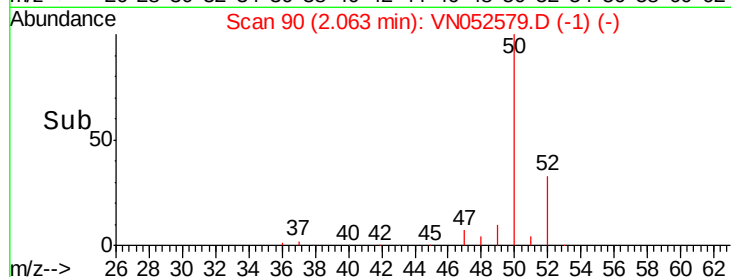
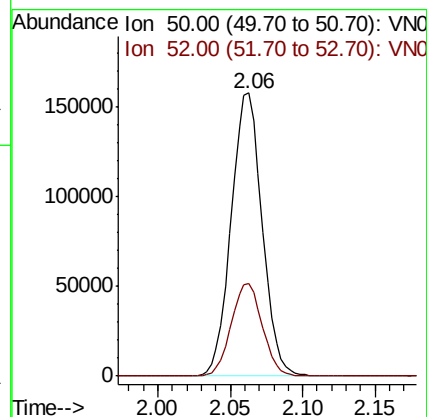
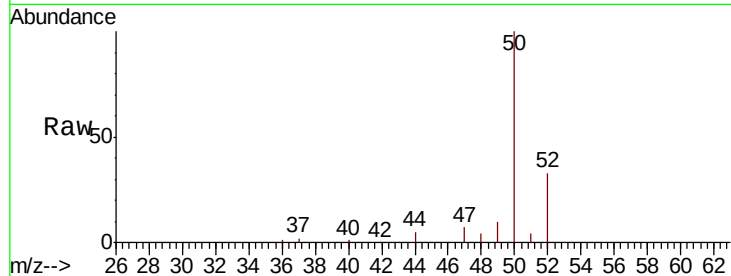
BFB

Tot Ion: 50 Resp: 233332

Ion Ratio Lower Upper

50 100

52 32.8 26.5 39.7



#4

Vinyl Chloride

Concen: 18.770 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052579.D

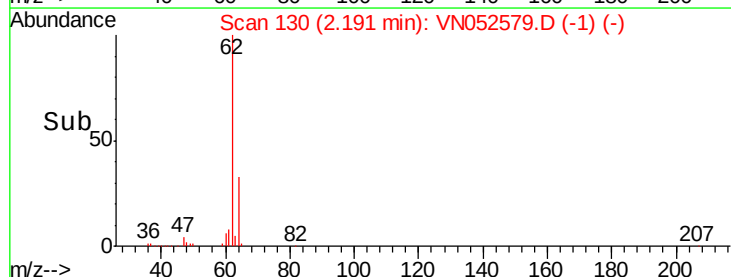
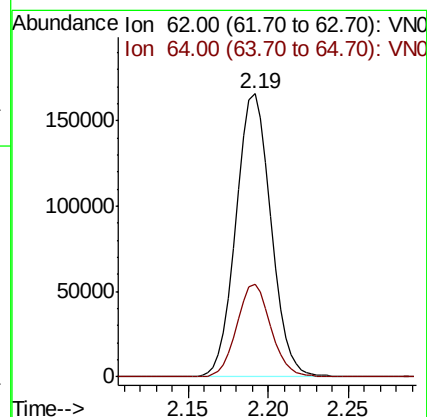
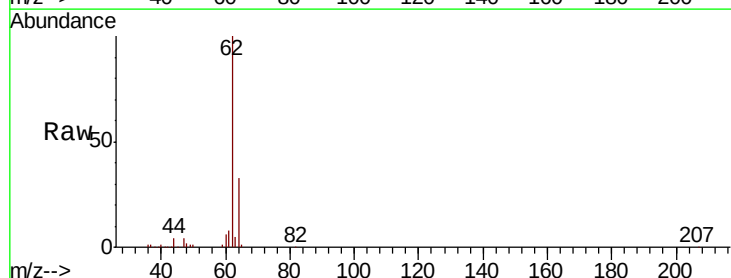
Acq: 29 Nov 2018 21:58

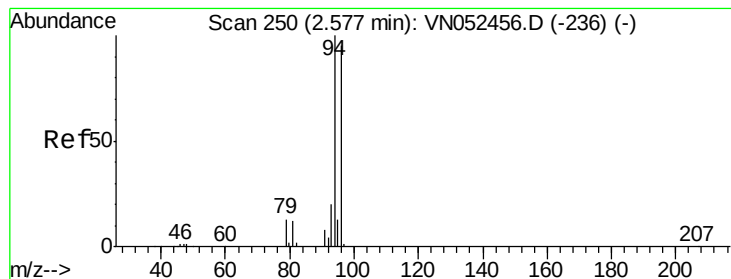
Tgt Ion: 62 Resp: 246929

Ion Ratio Lower Upper

62 100

64 32.8 24.2 36.4





#5

Bromomethane

Concen: 20.328 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

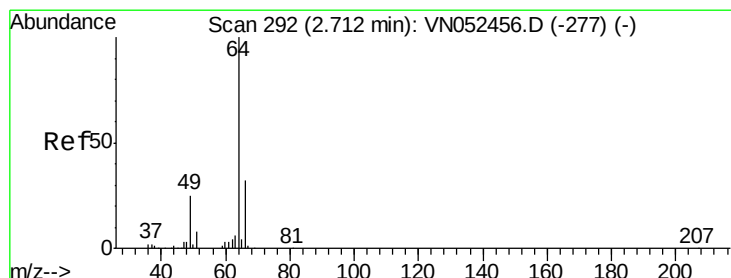
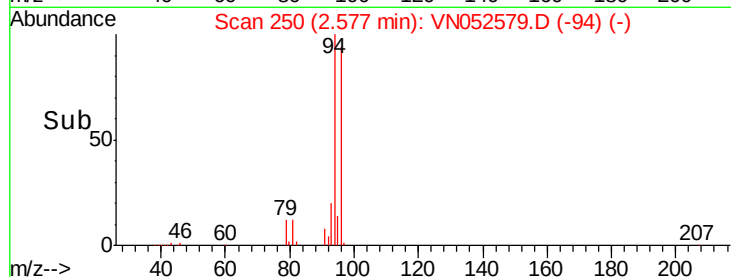
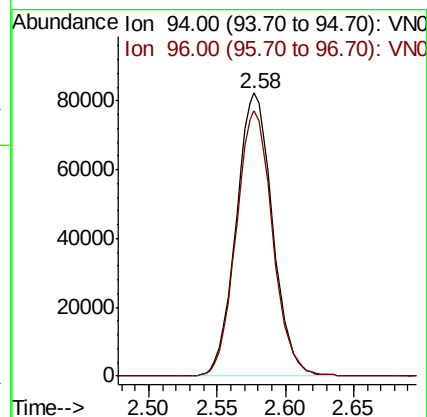
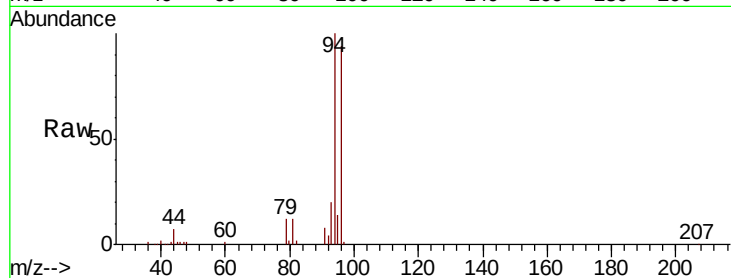
BFB

Tot Ion: 94 Resp: 152480

Ion Ratio Lower Upper

94 100

96 93.8 76.2 114.2



#6

Chloroethane

Concen: 19.350 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052579.D

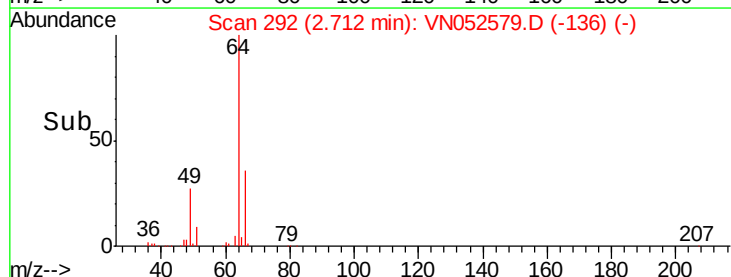
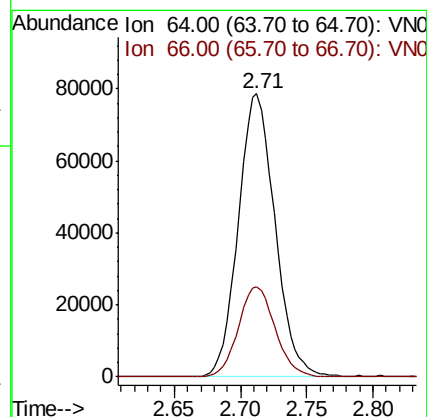
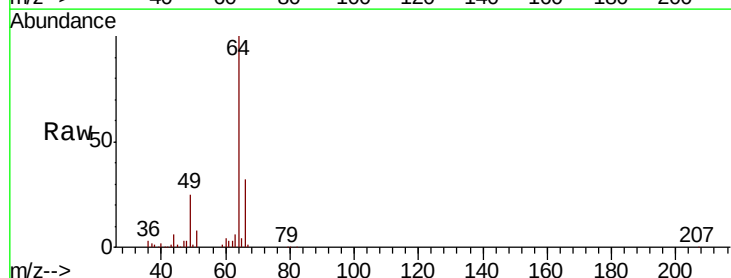
Acq: 29 Nov 2018 21:58

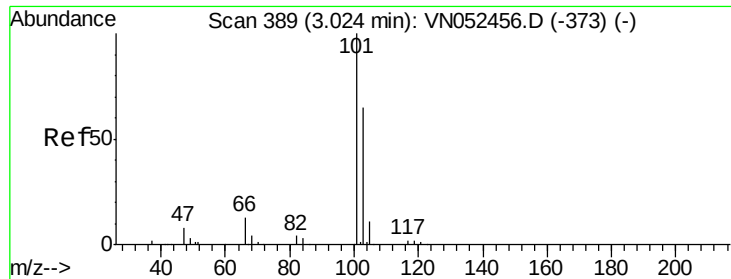
Tgt Ion: 64 Resp: 151383

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4



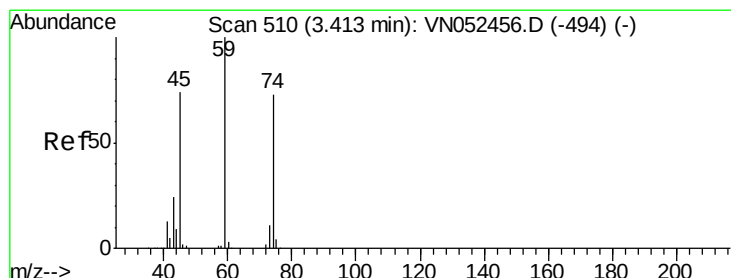
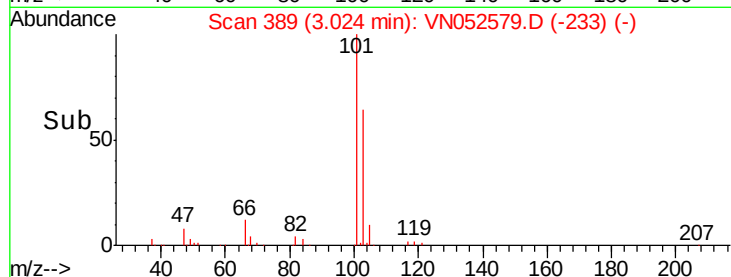
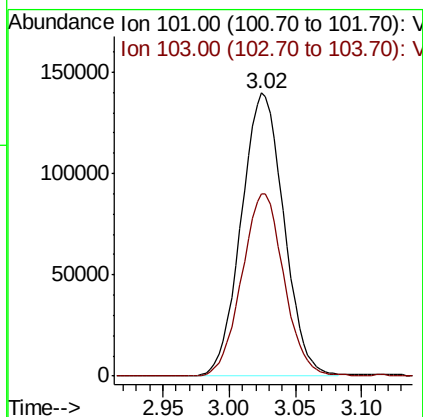
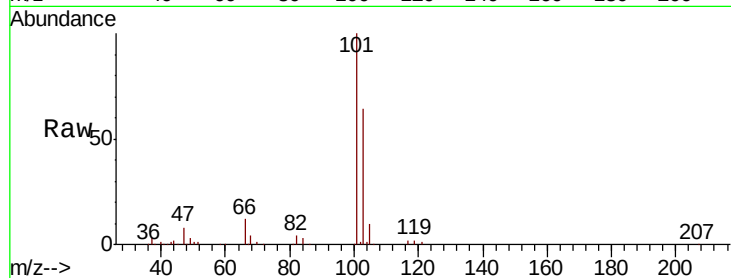


#7

Trichlorofluoromethane
 Concen: 19.215 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

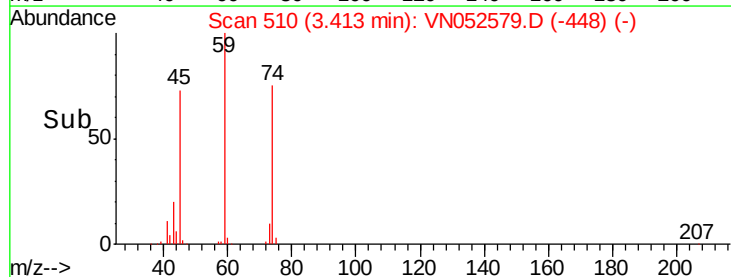
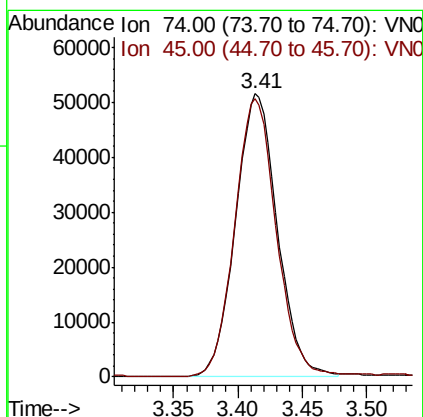
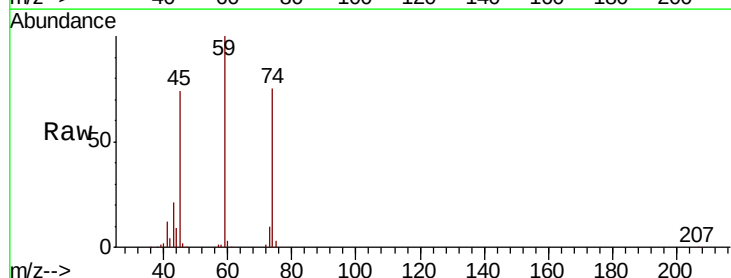
Tot Ion:101 Resp: 311965
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.1 78.1

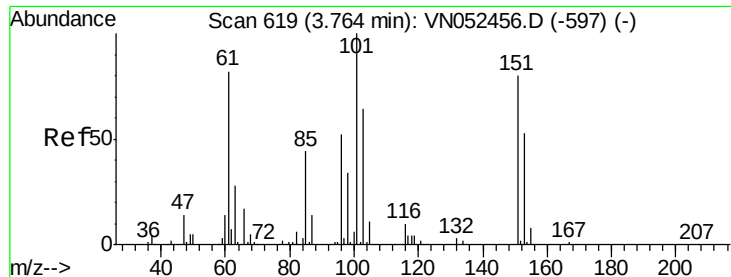


#8

Diethyl Ether
 Concen: 19.455 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion: 74 Resp: 116633
 Ion Ratio Lower Upper
 74 100
 45 97.8 20.6 185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.362 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

BFB

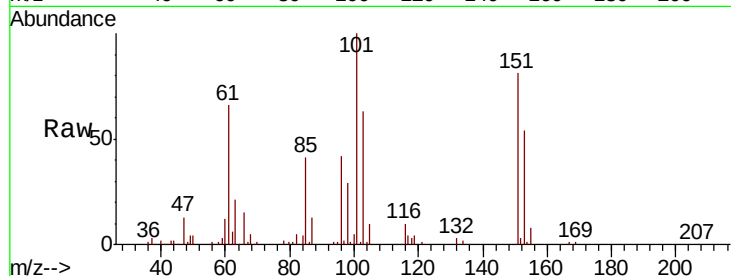
Tot Ion:101 Resp: 188987

Ion Ratio Lower Upper

101 100

85 42.1 0.0 82.6

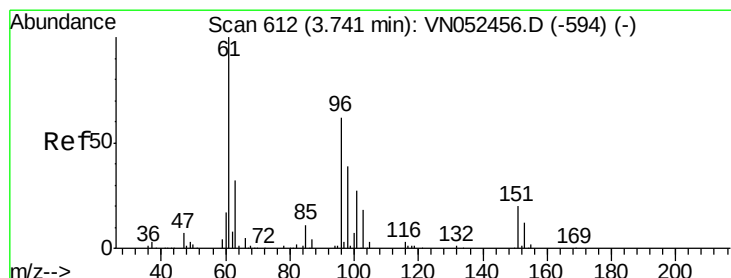
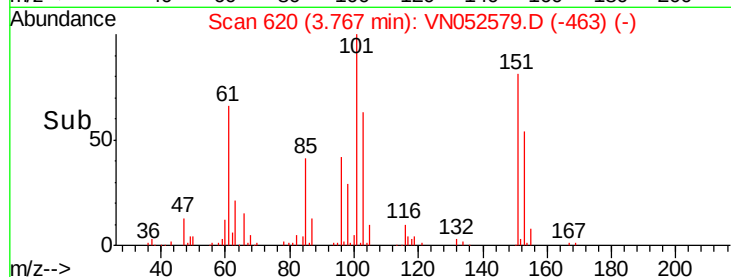
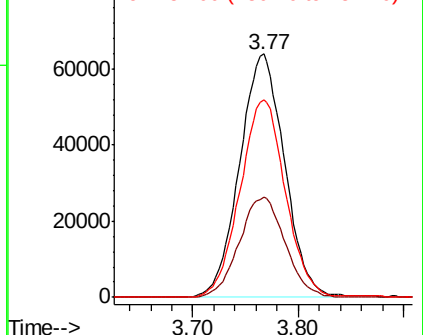
151 81.9 0.0 158.4



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: 19.043 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

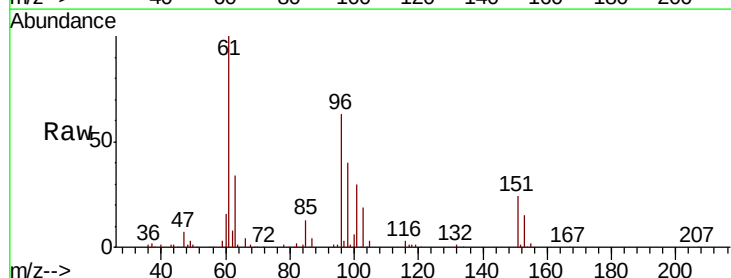
Tgt Ion: 96 Resp: 184275

Ion Ratio Lower Upper

96 100

61 158.7 129.4 194.2

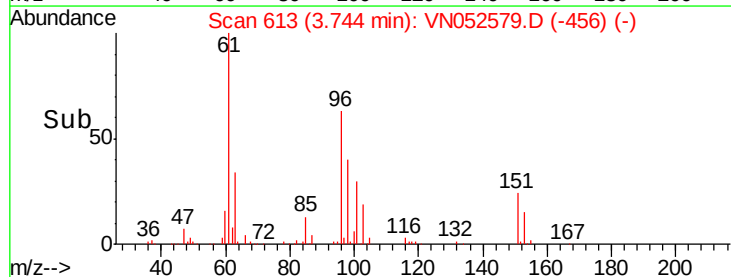
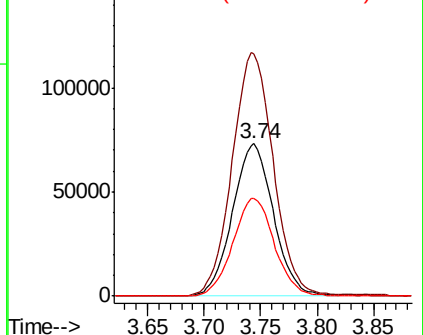
98 64.1 50.4 75.6

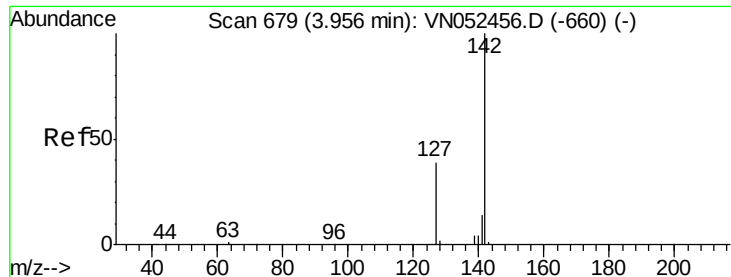


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

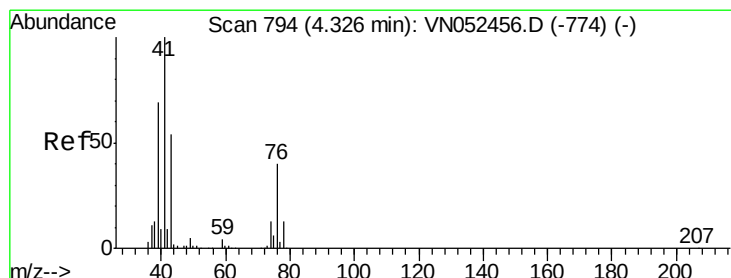
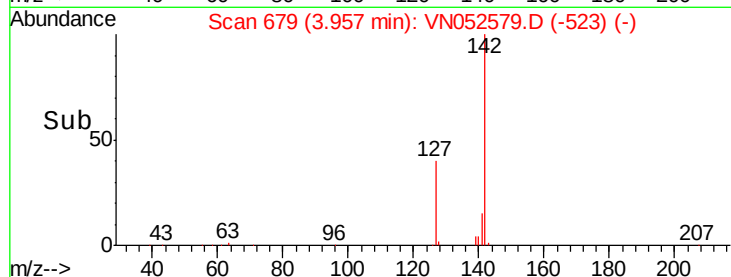
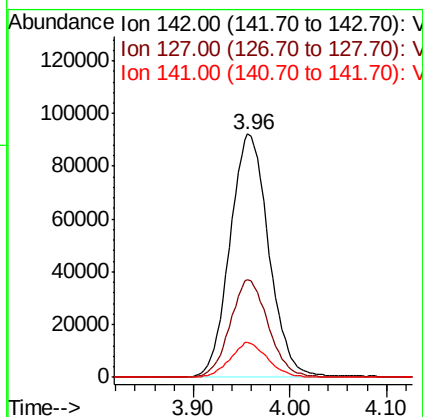
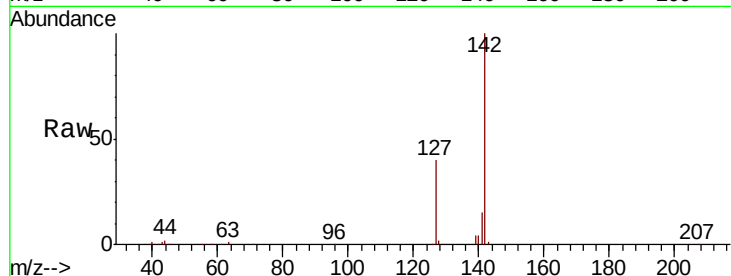




#11
Methvl Iodide
Concen: 19.181 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

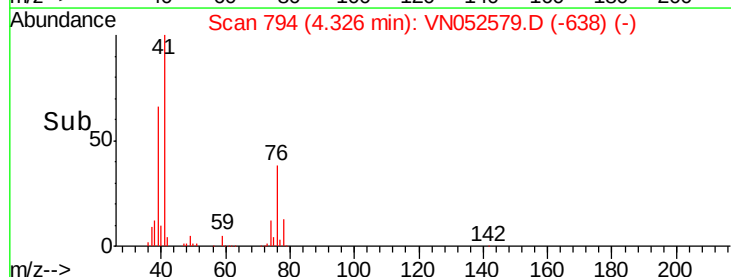
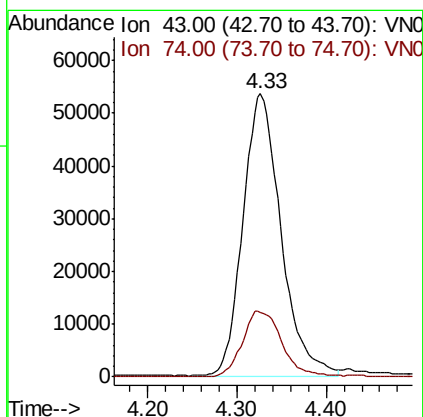
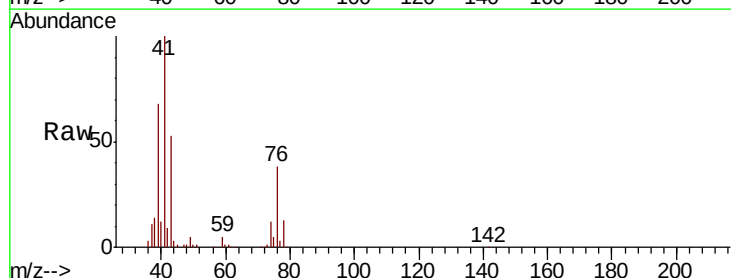
Instrument :
MSVOA_N
ClientSampled :
BFB

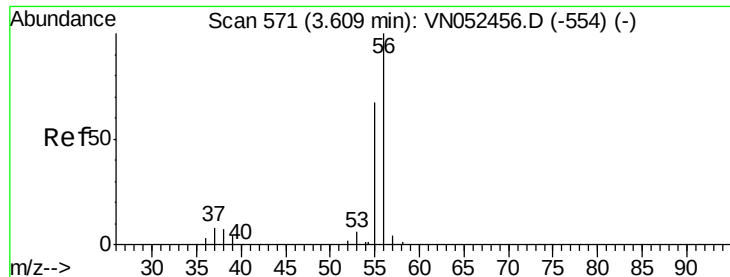
Tot Ion:142 Resp: 257711
Ion Ratio Lower Upper
142 100
127 40.4 19.4 58.1
141 14.6 7.2 21.6



#12
Methyl Acetate
Concen: 19.293 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 43 Resp: 158634
Ion Ratio Lower Upper
43 100
74 22.8 18.9 28.3





#13

Acrolein

Concen: 85.562 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

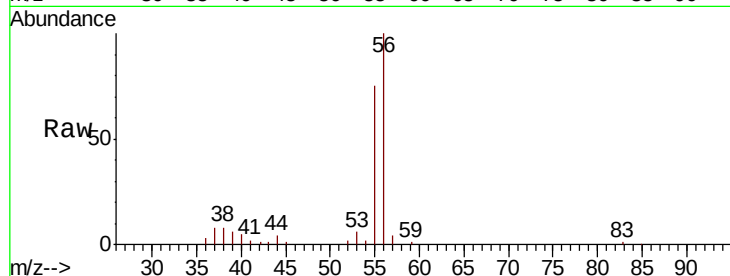
BFB

Tot Ion: 56 Resp: 82638

Ion Ratio Lower Upper

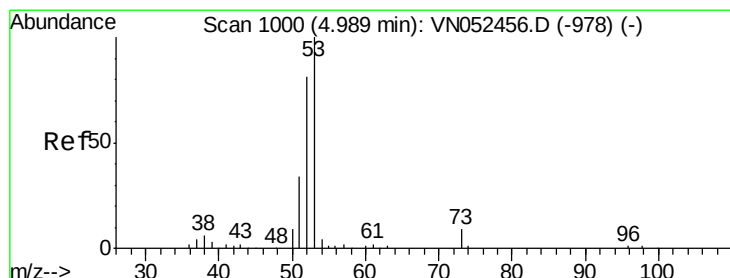
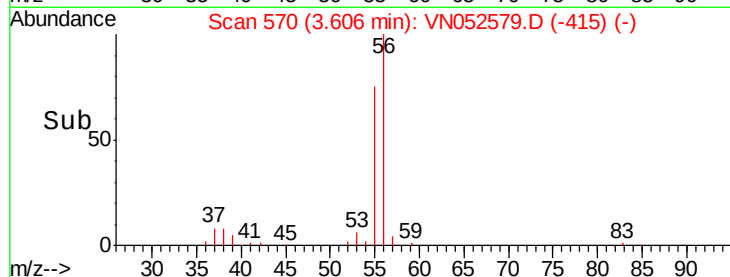
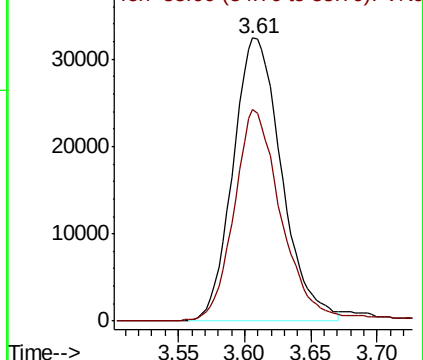
56 100

55 72.0 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 94.245 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

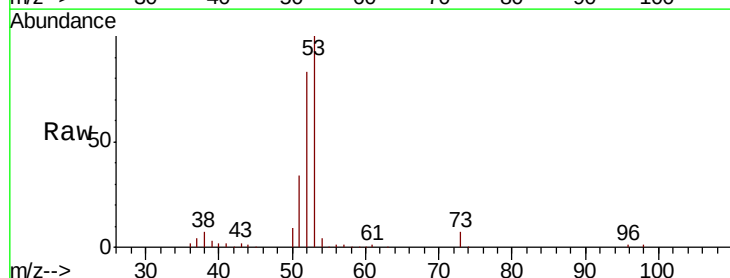
Tgt Ion: 53 Resp: 330172

Ion Ratio Lower Upper

53 100

52 81.9 39.9 119.7

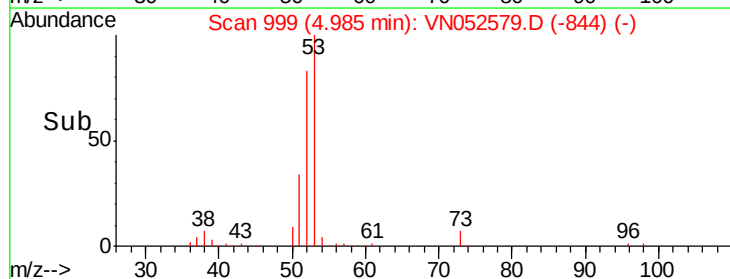
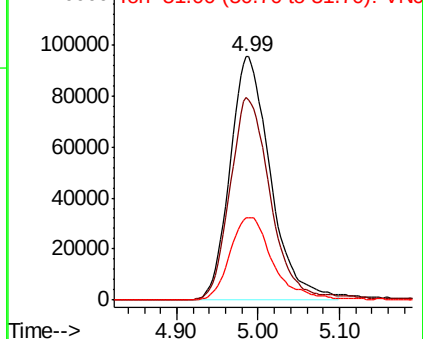
51 0.0 17.6 52.9#

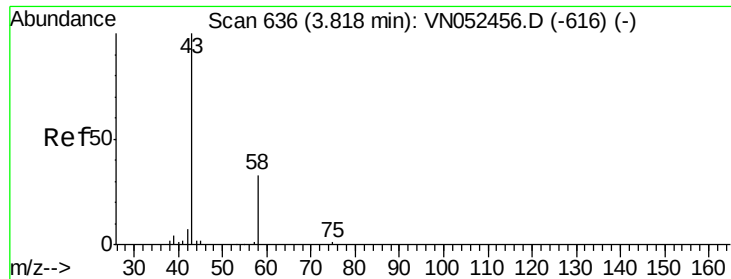


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 82.781 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

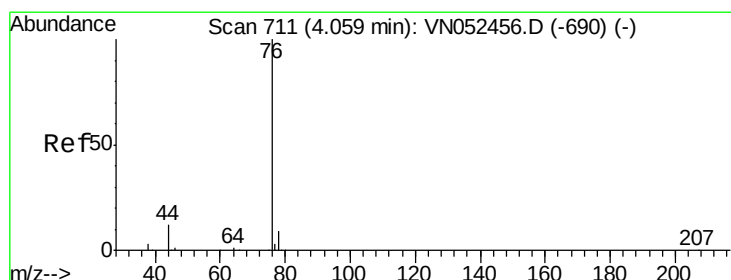
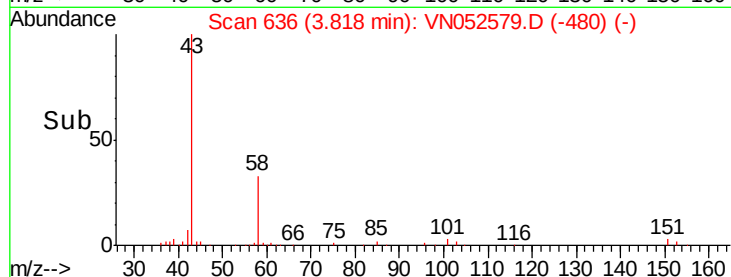
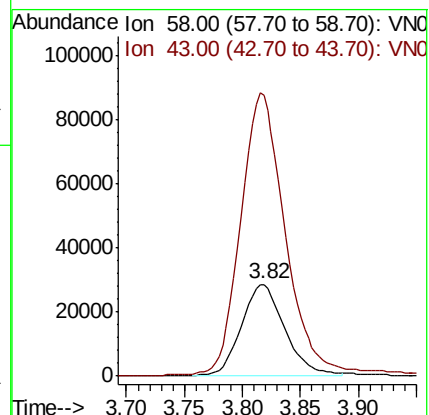
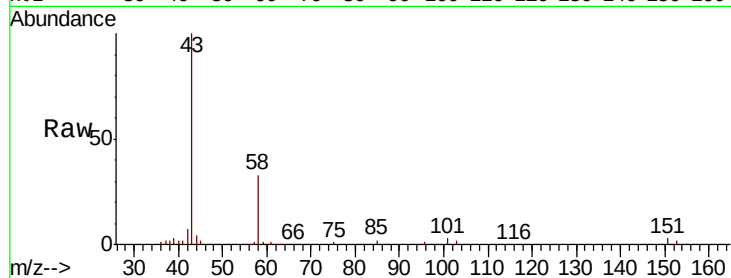
BFB

Tot Ion: 58 Resp: 75106

Ion Ratio Lower Upper

58 100

43 305.2 243.6 365.4



#16

Carbon Disulfide

Concen: 17.583 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052579.D

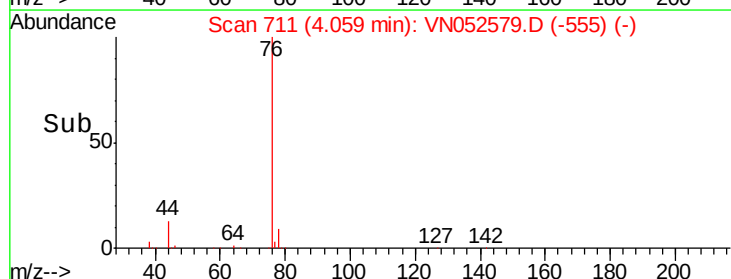
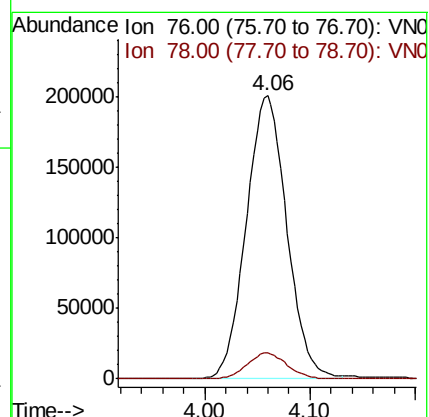
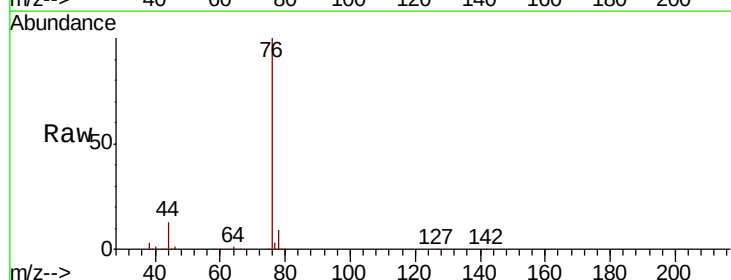
Acq: 29 Nov 2018 21:58

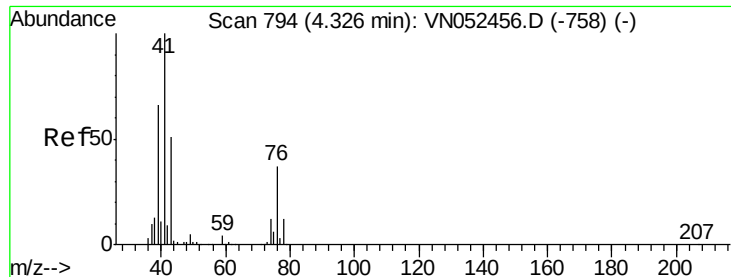
Tgt Ion: 76 Resp: 538686

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

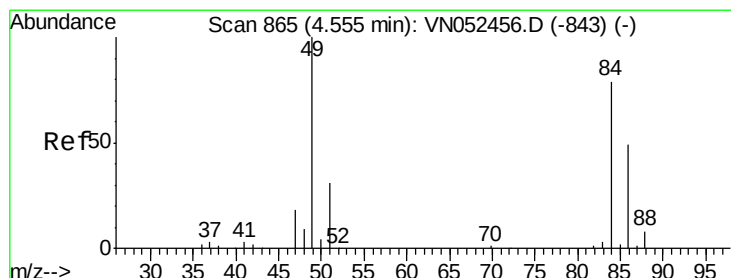
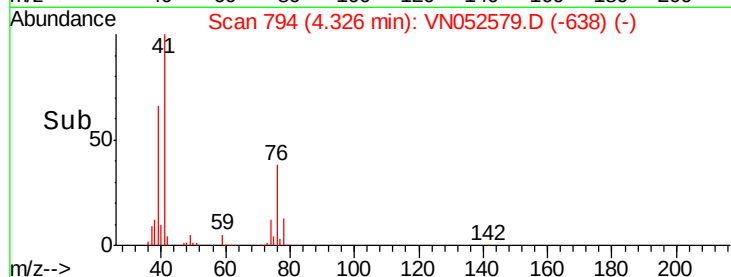
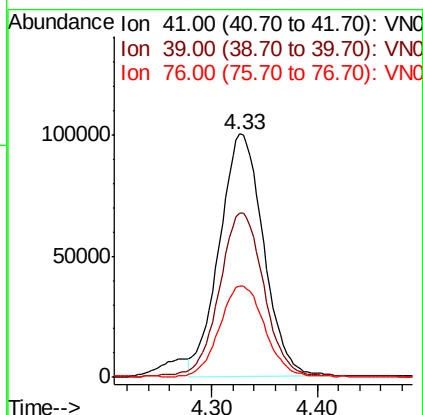
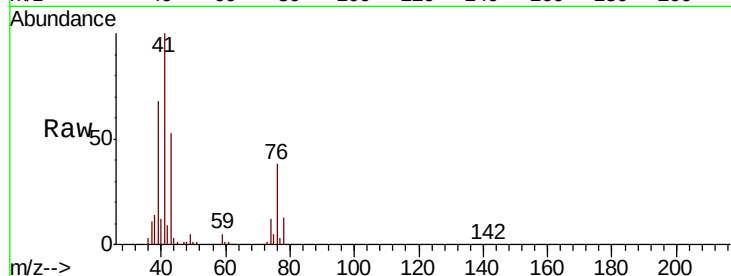




#17
Allvl chloride
Concen: 17.087 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

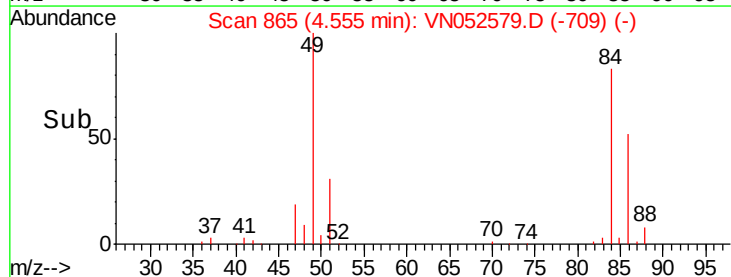
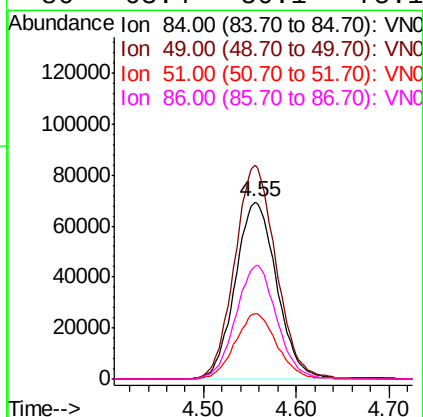
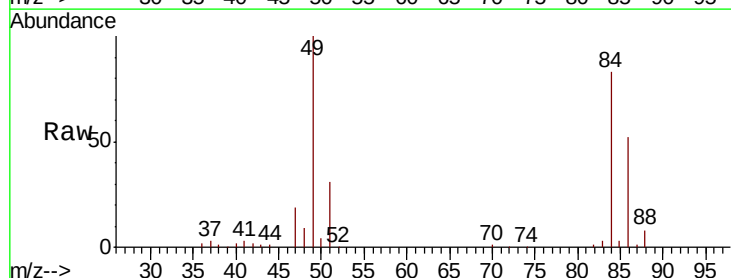
Instrument :
MSVOA_N
ClientSampled :
BFB

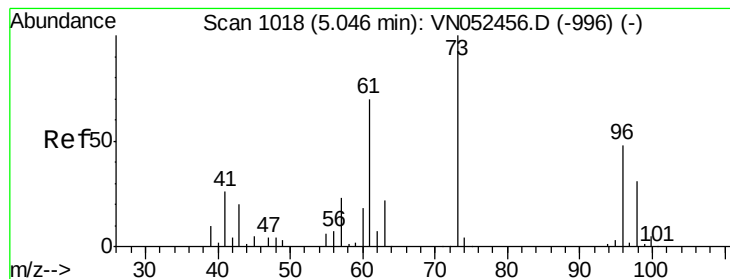
Tot Ion: 41 Resp: 288362
Ion Ratio Lower Upper
41 100
39 67.5 32.8 98.3
76 37.6 18.6 55.8



#18
Methylene Chloride
Concen: 19.257 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 84 Resp: 215766
Ion Ratio Lower Upper
84 100
49 120.7 101.4 152.0
51 36.9 31.7 47.5
86 63.4 50.1 75.1





#19

trans-1,2-Dichloroethene

Concen: 19.381 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

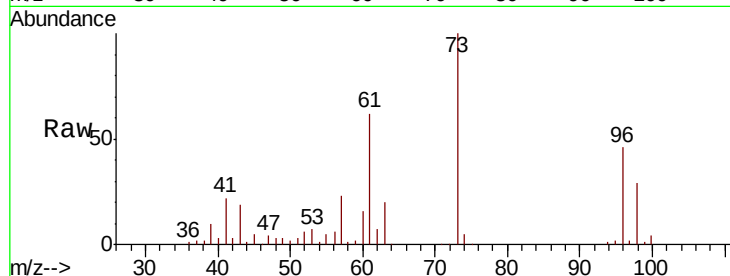
Tot Ion: 96 Resp: 201834

Ion Ratio Lower Upper

96 100

61 134.9 118.2 177.4

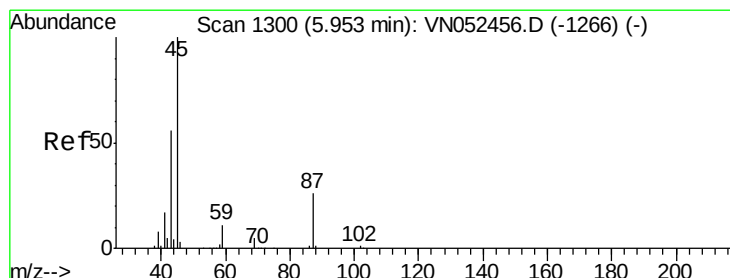
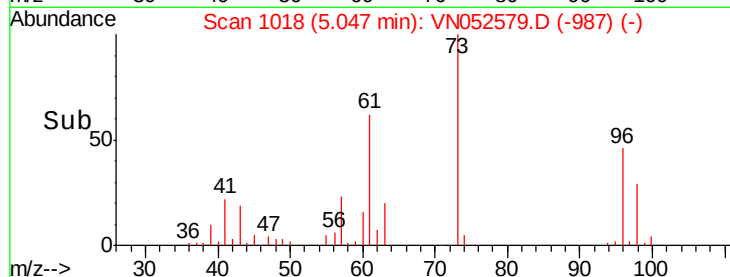
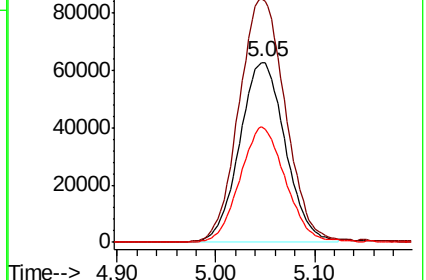
98 64.3 51.4 77.2



Abundance Ion 96.00 (95.70 to 96.70): VN052456.D (-996) (-)

Ion 61.00 (60.70 to 61.70): VN052456.D (-996) (-)

Ion 98.00 (97.70 to 98.70): VN052456.D (-996) (-)



#20

Diisopropyl ether

Concen: 18.715 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Tgt Ion: 45 Resp: 663723

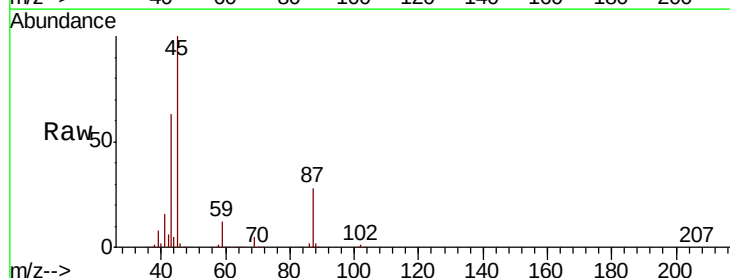
Ion Ratio Lower Upper

45 100

43 61.4 47.8 71.8

87 27.8 21.3 31.9

59 11.5 8.9 13.3

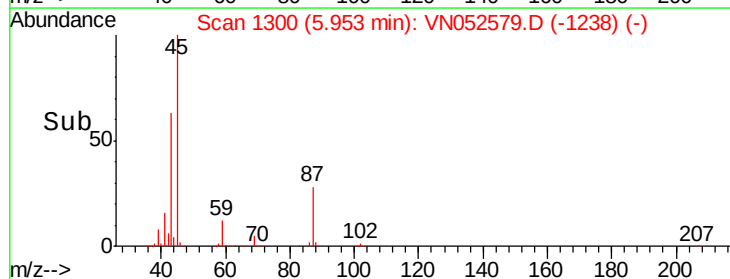
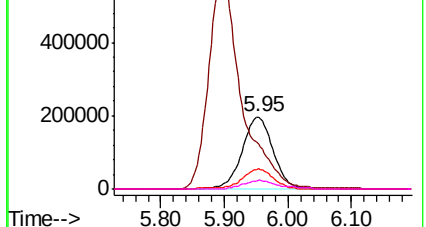


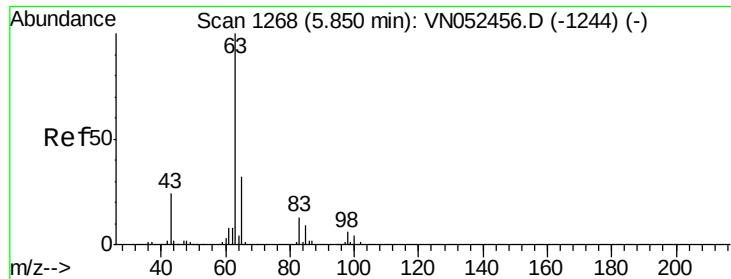
Abundance Ion 45.00 (44.70 to 45.70): VN052456.D (-1266) (-)

Ion 43.00 (42.70 to 43.70): VN052456.D (-1266) (-)

Ion 87.00 (86.70 to 87.70): VN052456.D (-1266) (-)

Ion 59.00 (58.70 to 59.70): VN052456.D (-1266) (-)





#21

1,1-Dichloroethane

Concen: 18.891 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

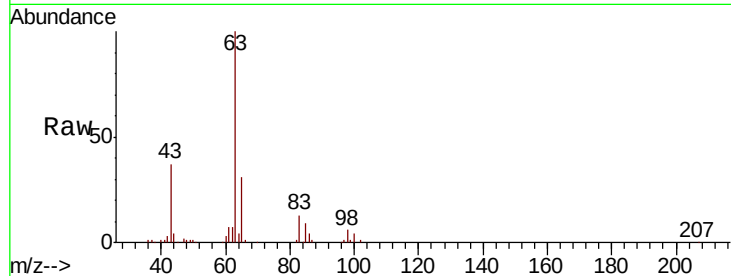
Tot Ion: 63 Resp: 381866

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

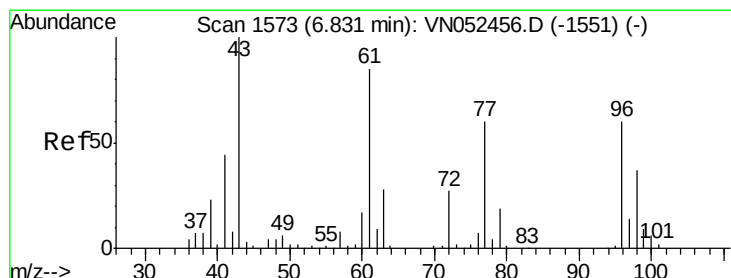
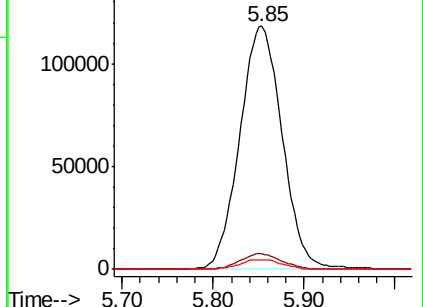
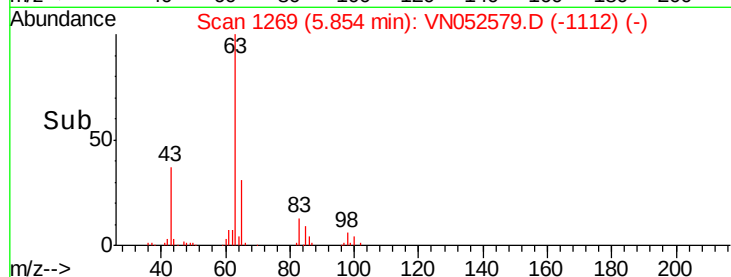
100 4.1 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VN052456.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VN052456.D (-1244) (-)

Ion 100.00 (99.70 to 100.70): VN052456.D (-1244) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.149 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

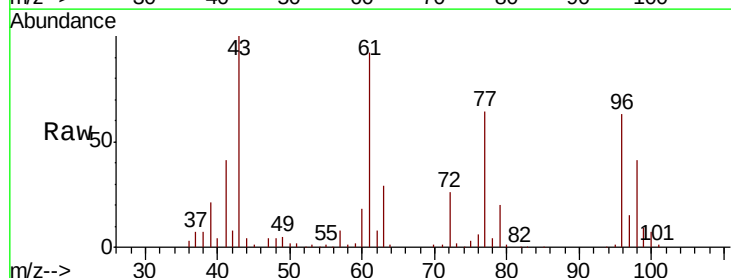
Tgt Ion: 96 Resp: 228549

Ion Ratio Lower Upper

96 100

61 142.6 116.7 175.1

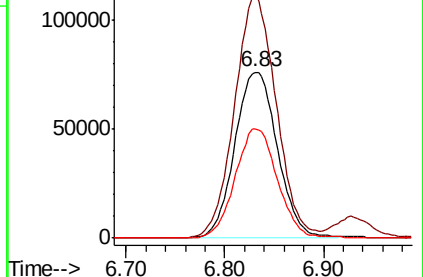
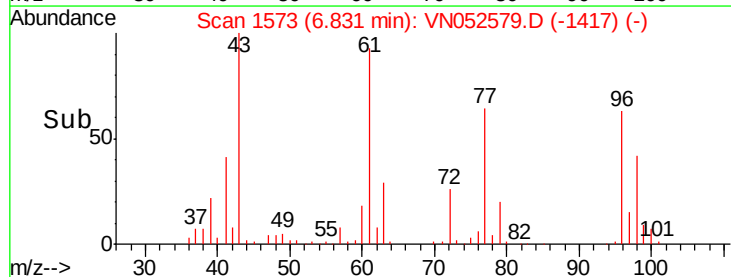
98 65.4 50.8 76.2

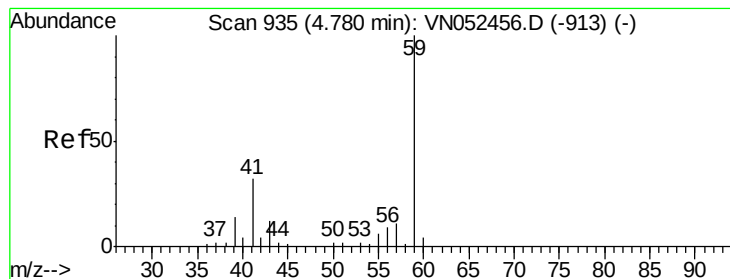


Abundance Ion 96.00 (95.70 to 96.70): VN052456.D (-1551) (-)

Ion 61.00 (60.70 to 61.70): VN052456.D (-1551) (-)

Ion 98.00 (97.70 to 98.70): VN052456.D (-1551) (-)



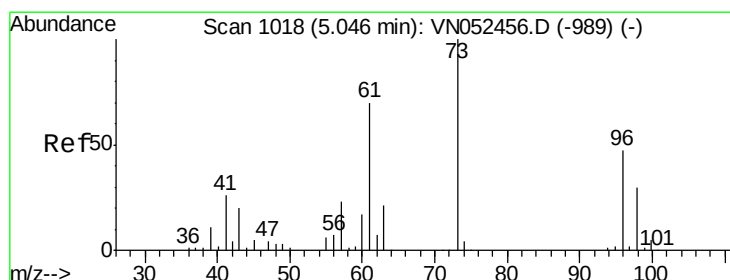
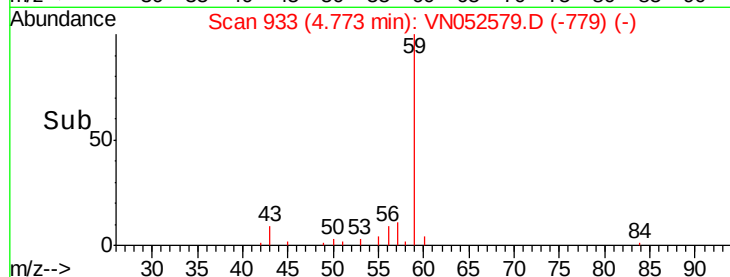
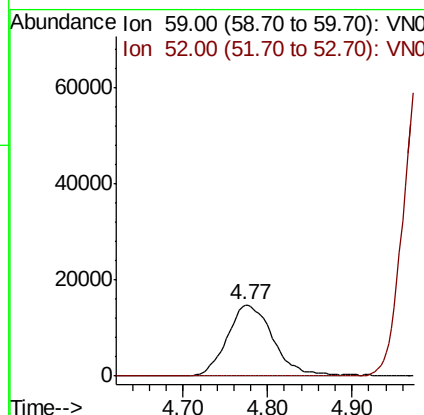
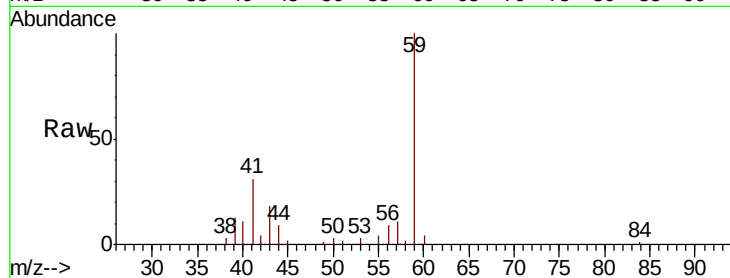


#23

tert-Butyl Alcohol
 Concen: 107.177 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

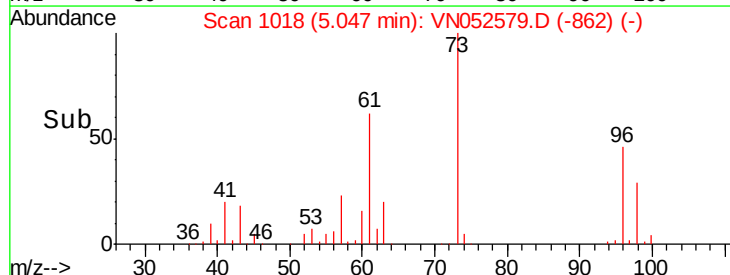
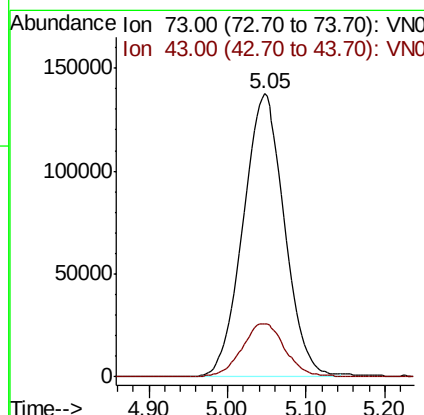
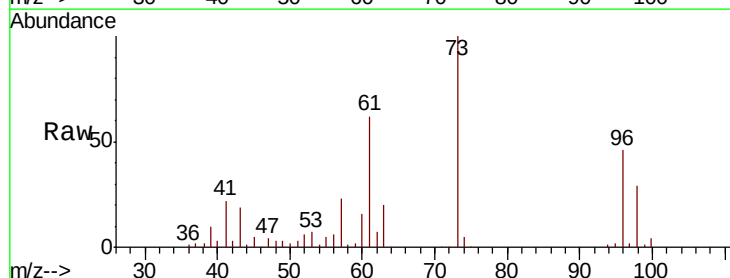
Tot Ion: 59 Resp: 55856
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

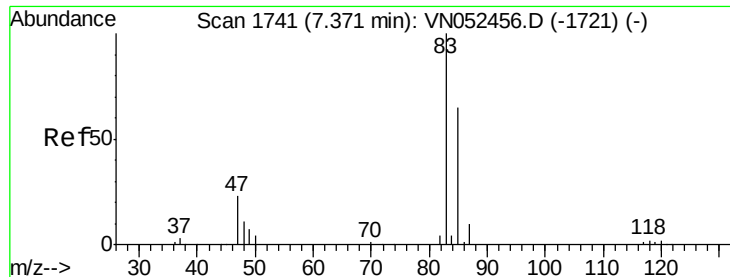


#24

Methyl tert-Butyl Ether
 Concen: 20.009 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion: 73 Resp: 507959
 Ion Ratio Lower Upper
 73 100
 43 19.1 15.8 23.8

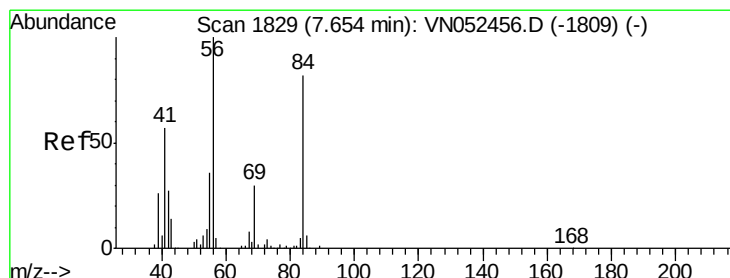
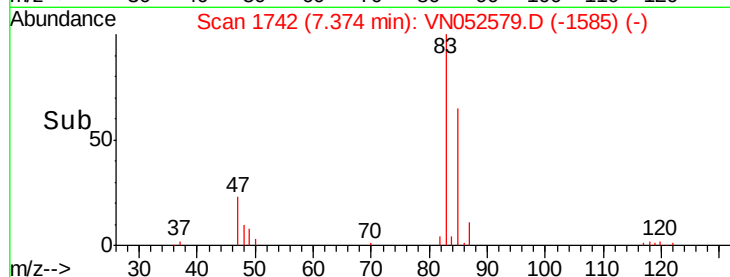
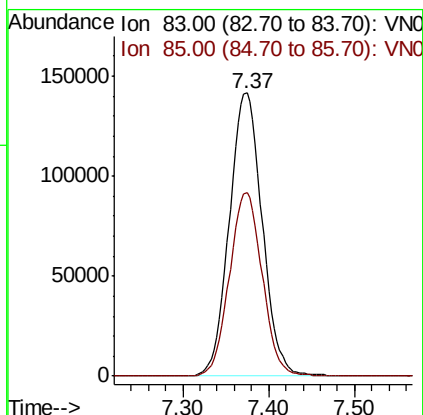
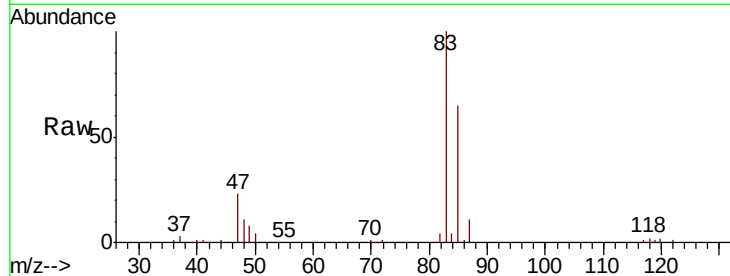




#25
Chloroform
Concen: 19.313 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

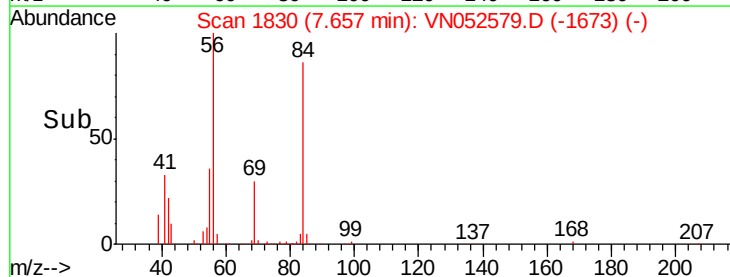
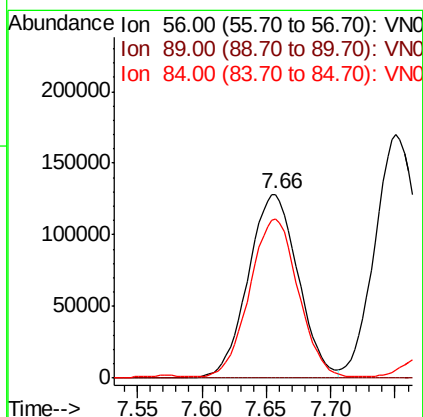
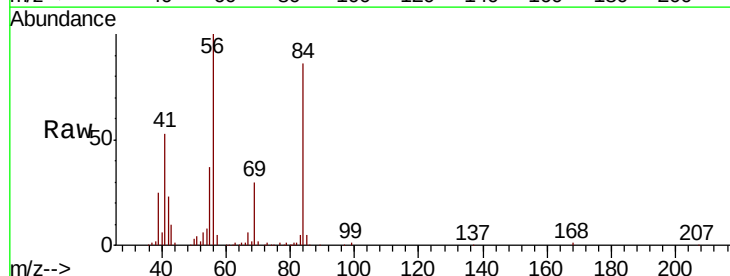
Instrument :
MSVOA_N
ClientSampled :
BFB

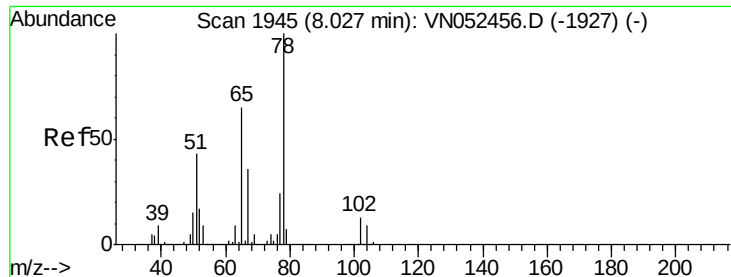
Tot Ion: 83 Resp: 376625
Ion Ratio Lower Upper
83 100
85 64.8 51.7 77.5



#26
Cyclohexane
Concen: 18.141 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 56 Resp: 345854
Ion Ratio Lower Upper
56 100
89 0.0 0.5 0.7#
84 85.1 66.2 99.2

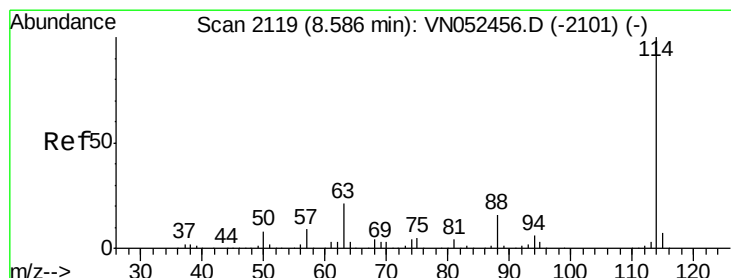
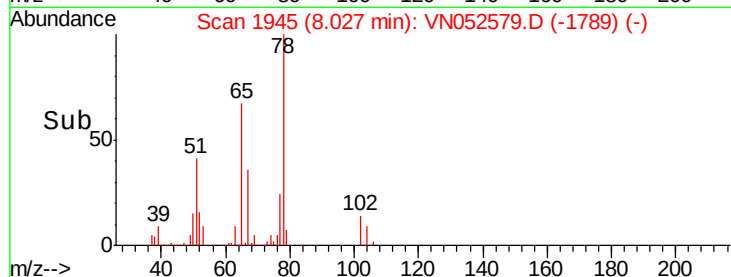
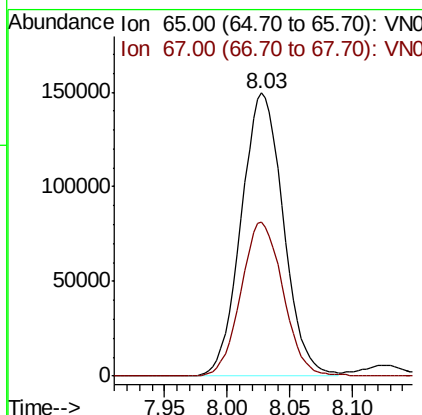
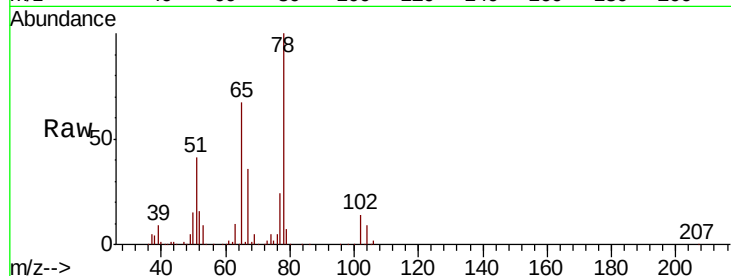




#27
 1,2-Dichloroethane-d4
 Concen: 18.141 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

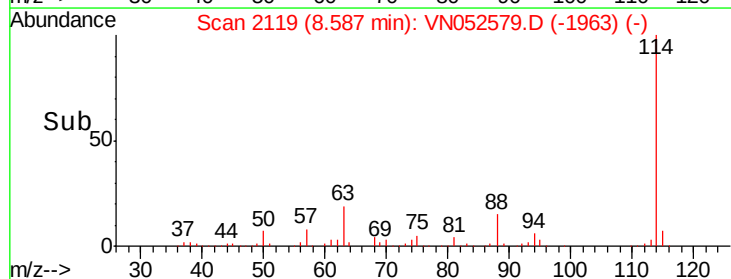
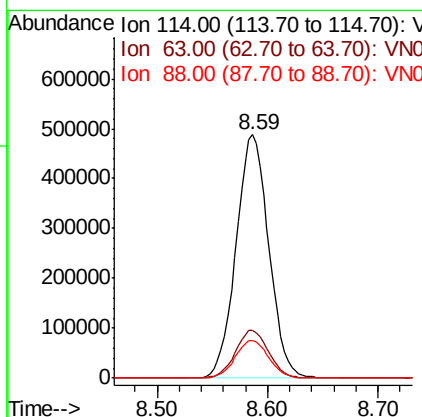
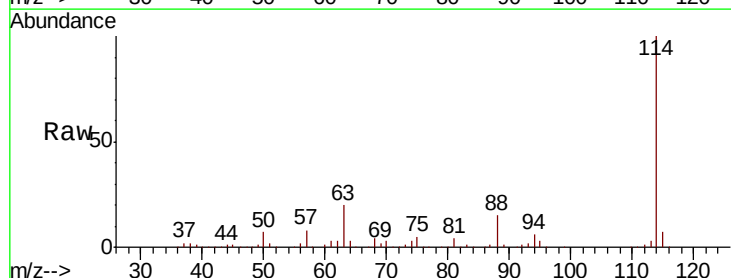
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

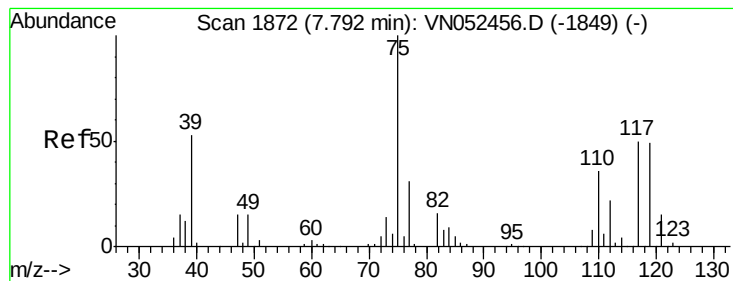
Tot Ion: 65 Resp: 350368
 Ion Ratio Lower Upper
 65 100
 67 54.2 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion: 114 Resp: 1002343
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.9 25.3
 88 15.8 12.8 19.2





#29

1,1-Dichloropropene

Concen: 18.817 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

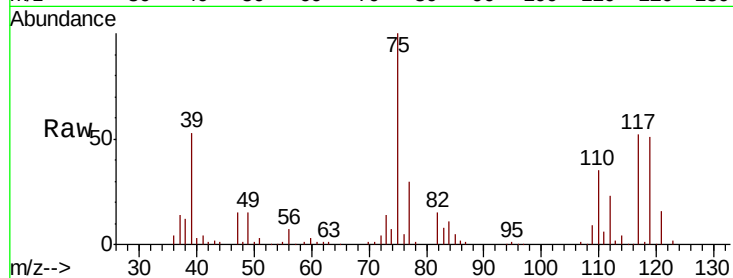
Tot Ion: 75 Resp: 288033

Ion Ratio Lower Upper

75 100

110 35.7 0.0 70.2

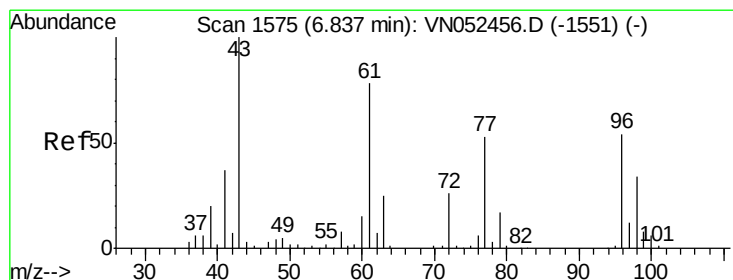
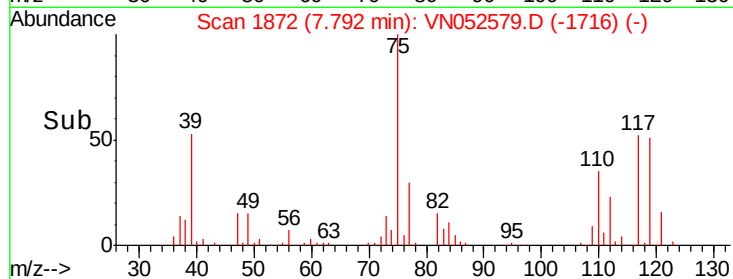
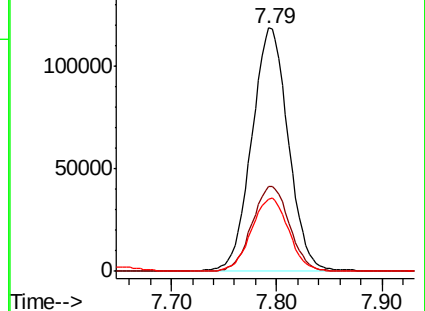
77 30.6 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VN052456.D (-1849) (-)

Ion 110.00 (109.70 to 110.70): VN052456.D (-1849) (-)

Ion 77.00 (76.70 to 77.70): VN052456.D (-1849) (-)



#30

2-Butanone

Concen: 89.787 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

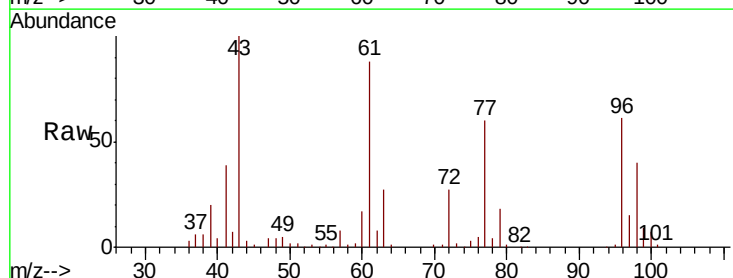
Tgt Ion: 43 Resp: 367753

Ion Ratio Lower Upper

43 100

57 8.2 6.2 9.4

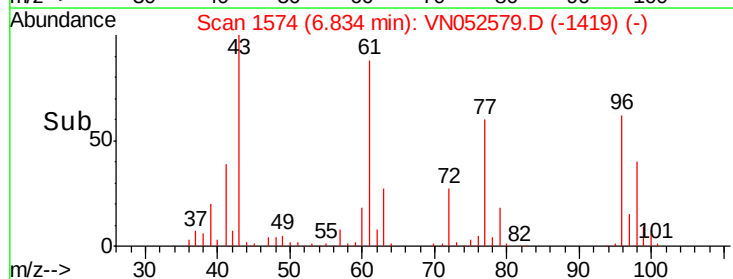
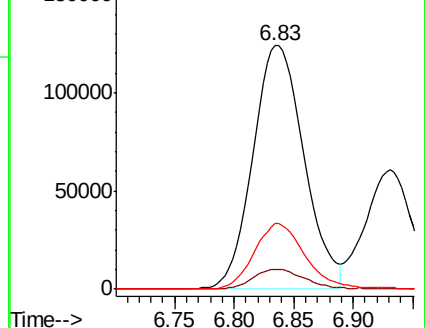
72 27.1 21.0 31.6

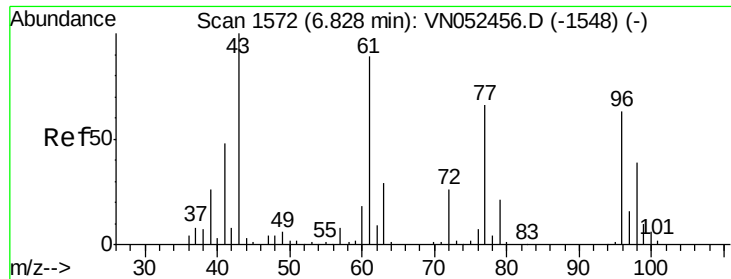


Abundance Ion 43.00 (42.70 to 43.70): VN052456.D (-1551) (-)

Ion 57.00 (56.70 to 57.70): VN052456.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN052456.D (-1551) (-)

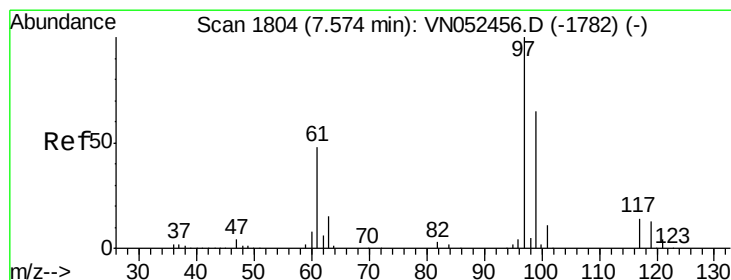
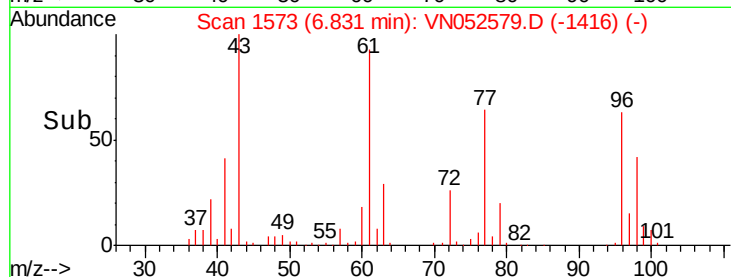
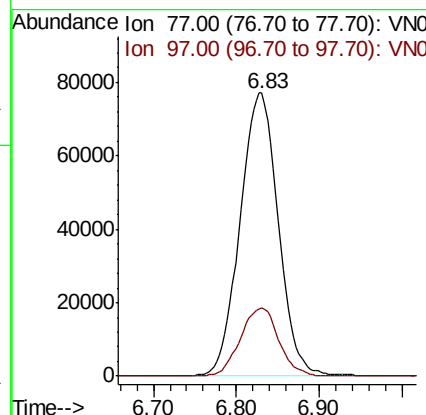
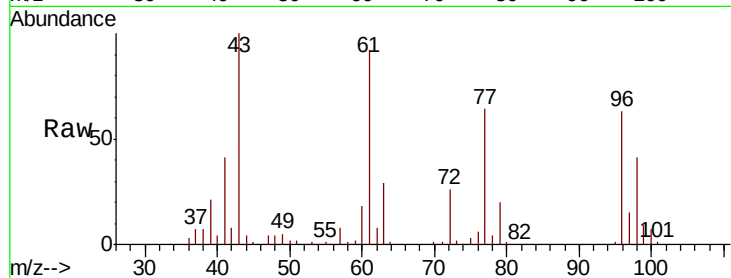




#31
 2,2-Dichloropropane
 Concen: 17.518 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

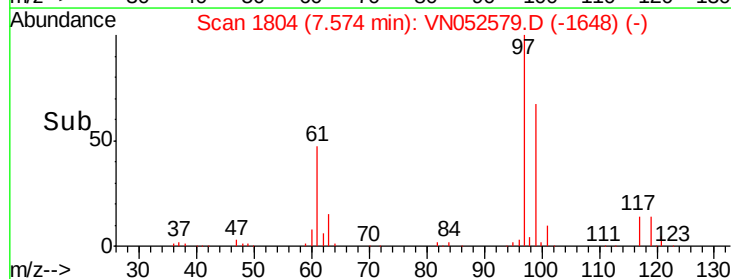
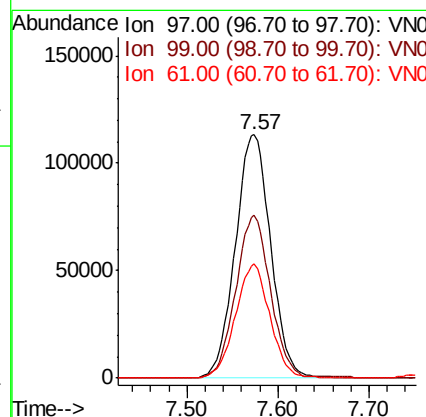
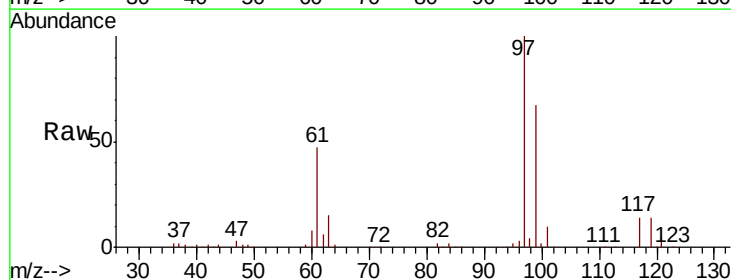
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

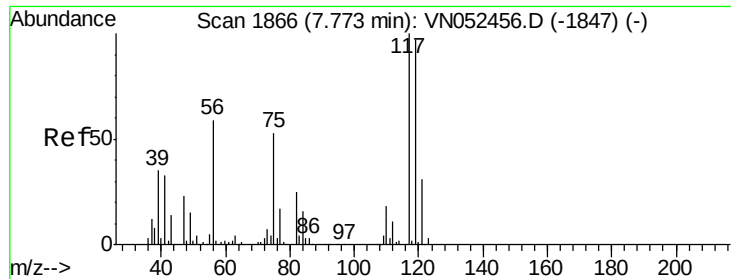
Tot Ion: 77 Resp: 246855
 Ion Ratio Lower Upper
 77 100
 97 24.1 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.211 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion: 97 Resp: 305973
 Ion Ratio Lower Upper
 97 100
 99 65.7 50.9 76.3
 61 45.7 38.1 57.1

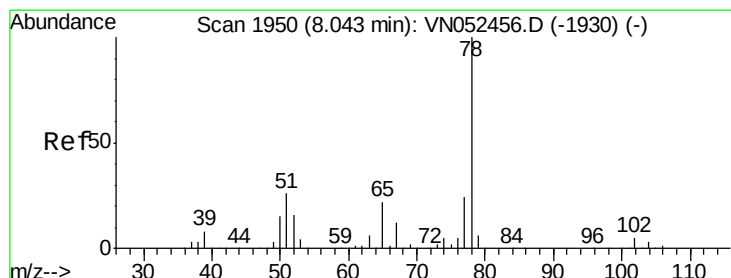
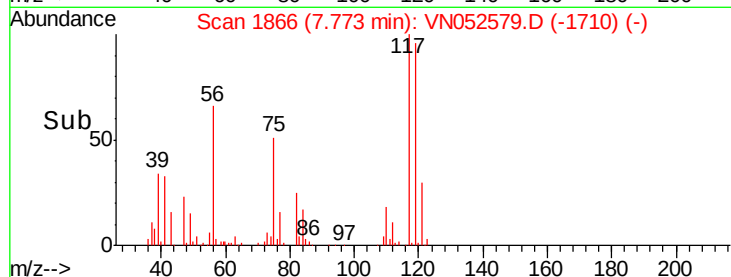
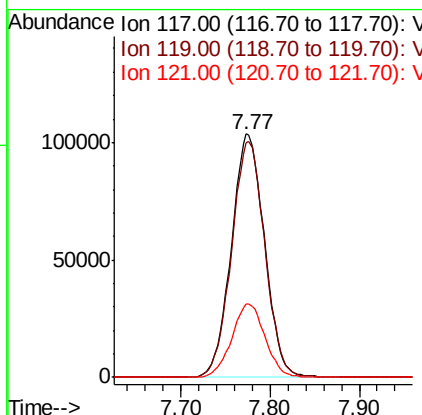
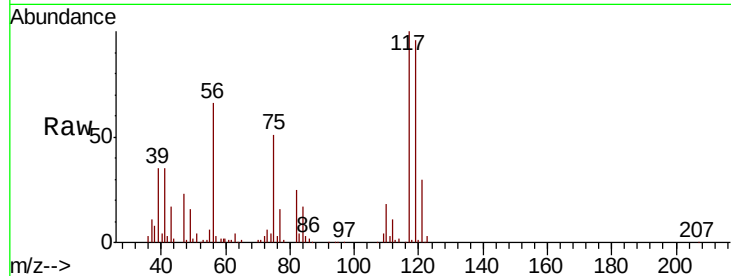




#33
Carbon Tetrachloride
Concen: 19.090 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

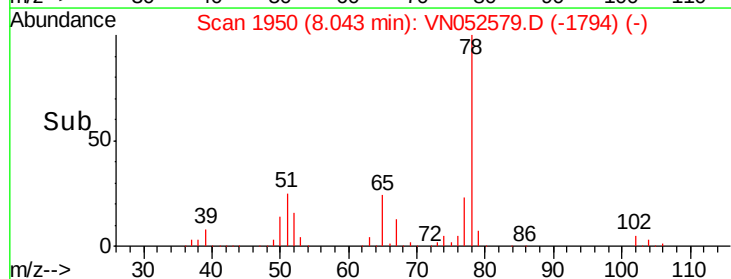
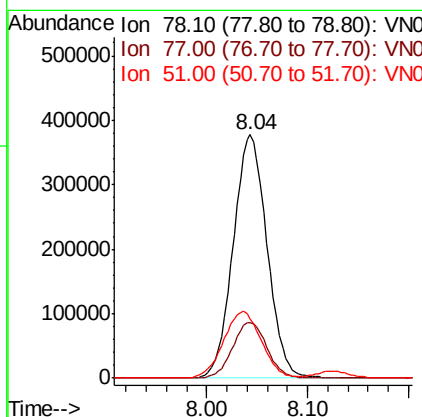
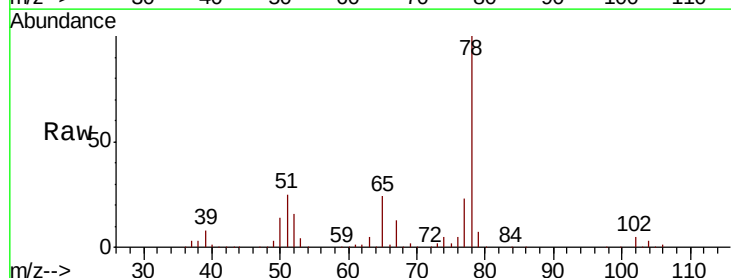
Instrument :
MSVOA_N
ClientSampled :
BFB

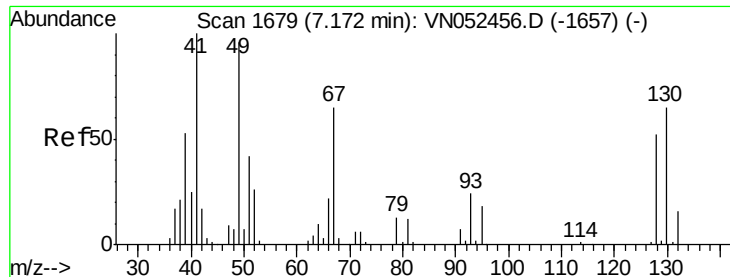
Tot Ion:117 Resp: 266043
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 29.9 24.9 37.3



#34
Benzene
Concen: 19.070 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 78 Resp: 877597
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.6
51 24.4 20.5 30.7

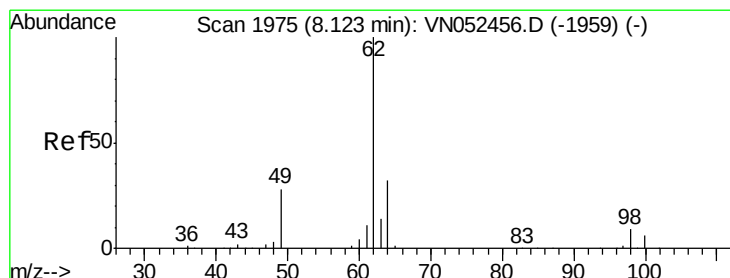
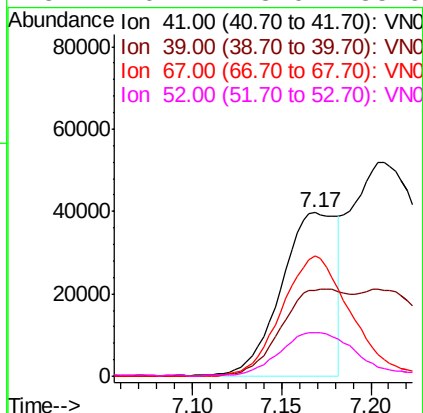
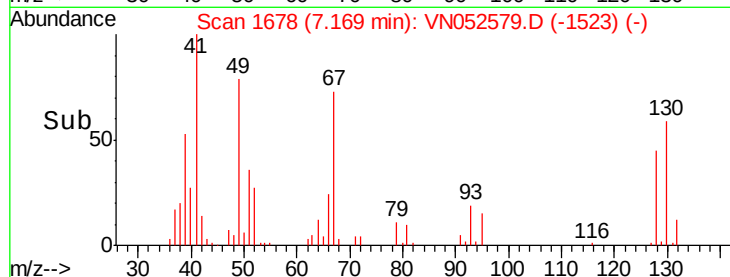
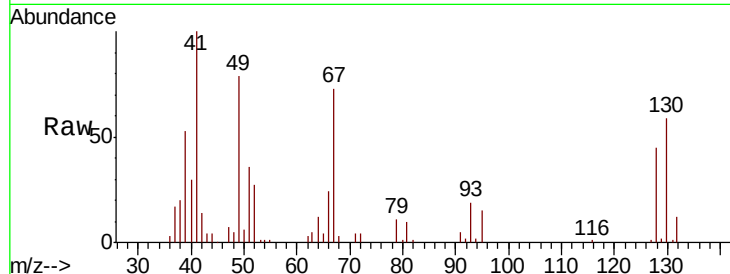




#35
Methacrylonitrile
Concen: 16.823 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

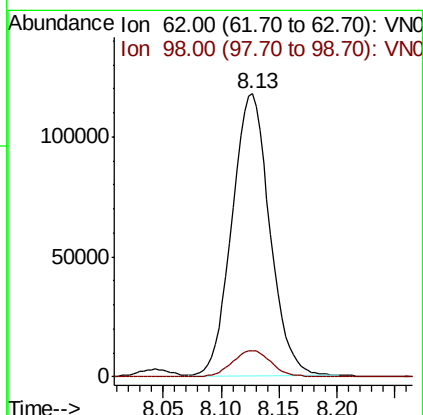
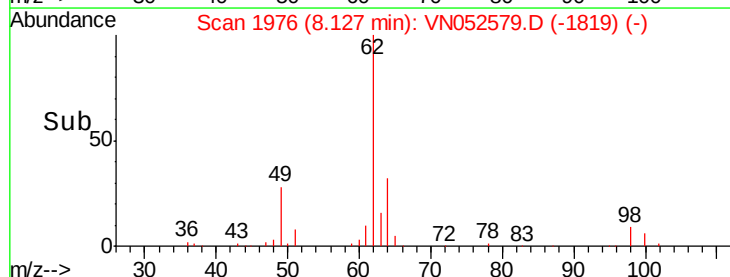
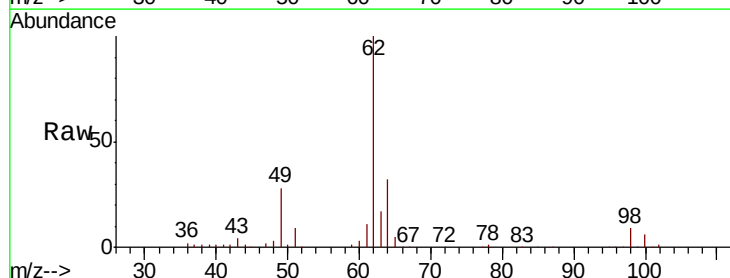
Instrument :
MSVOA_N
ClientSampleId :
BFB

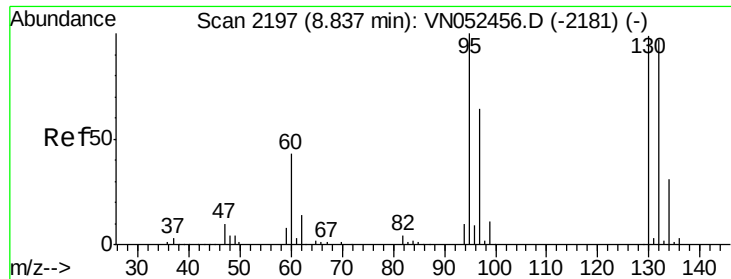
Tot Ion: 41 Resp: 85489
Ion Ratio Lower Upper
41 100
39 53.0 26.6 79.7
67 73.6 32.3 96.9
52 26.7 13.0 38.9



#36
1,2-Dichloroethane
Concen: 19.056 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 62 Resp: 265747
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.2

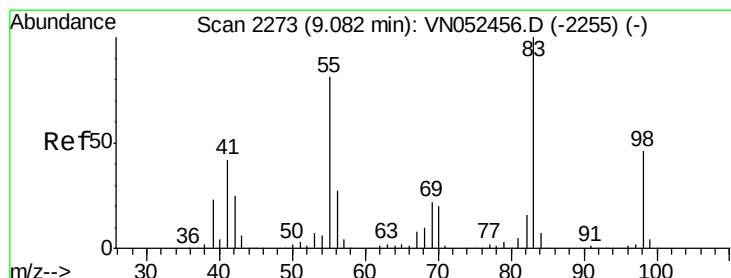
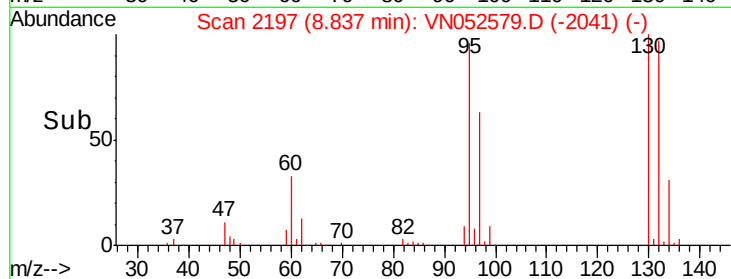
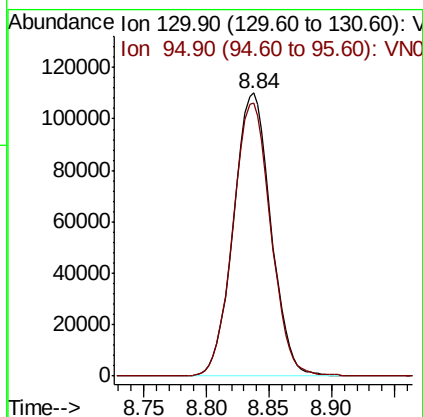
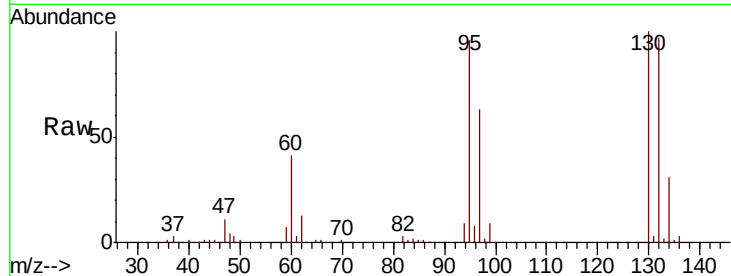




#37
 Trichloroethene
 Concen: 19.563 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

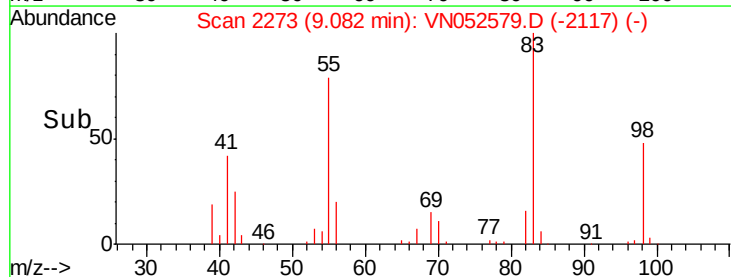
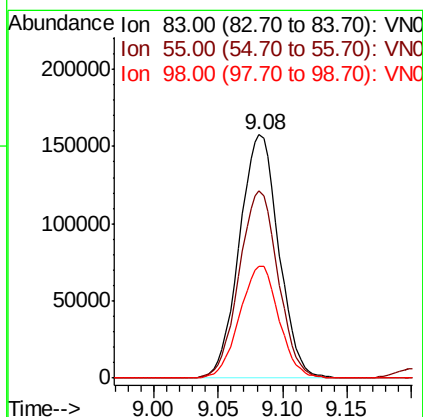
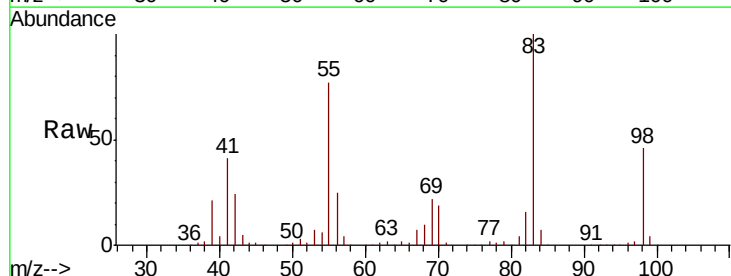
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

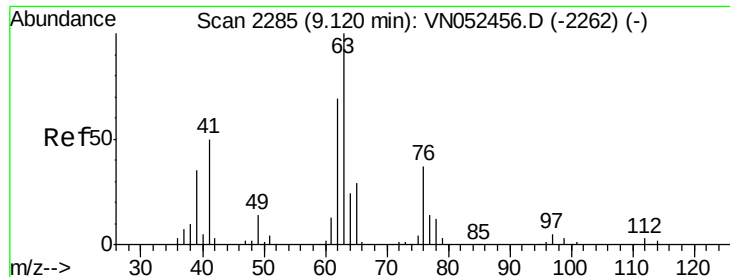
Tot Ion:130 Resp: 228290
 Ion Ratio Lower Upper
 130 100
 95 96.3 81.0 121.4



#38
 Methylcyclohexane
 Concen: 17.657 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion: 83 Resp: 334564
 Ion Ratio Lower Upper
 83 100
 55 76.5 39.8 119.4
 98 46.0 22.9 68.5





#39

1,2-Dichloropropane

Concen: 18.718 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

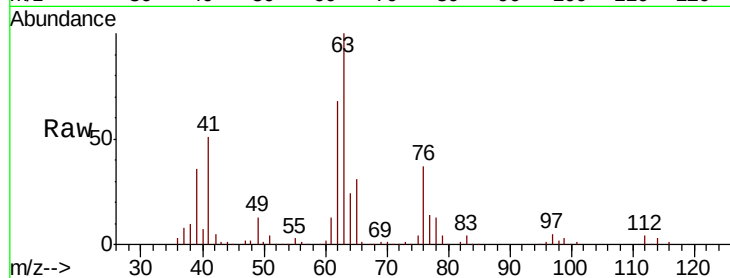
BFB

Tot Ion: 63 Resp: 230912

Ion Ratio Lower Upper

63 100

65 30.7 23.6 35.4



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

9.12

120000

100000

80000

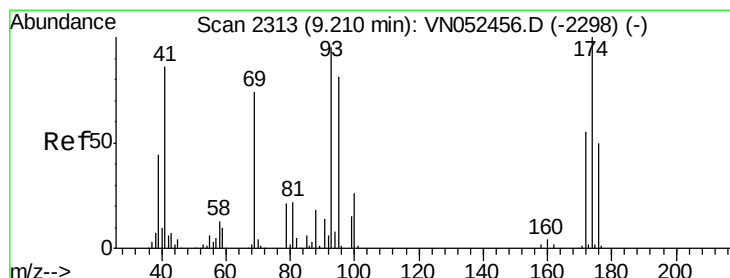
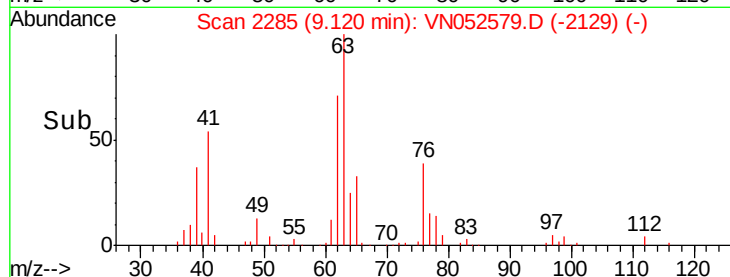
60000

40000

20000

0

Time--> 9.00 9.05 9.10 9.15 9.20



#40

Dibromomethane

Concen: 19.566 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

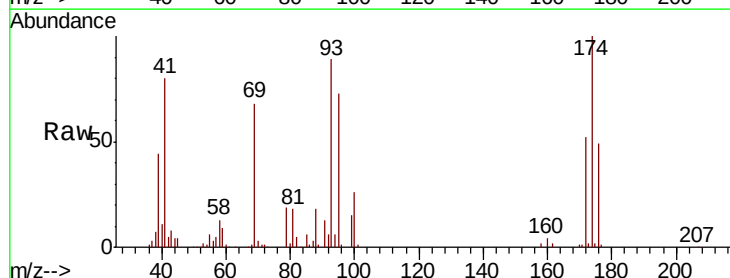
Tgt Ion: 93 Resp: 130434

Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.4

174 112.1 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

100000

80000

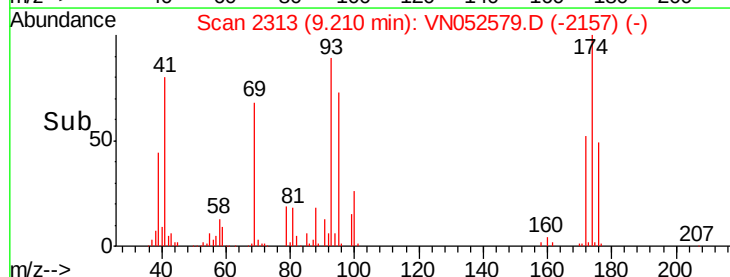
60000

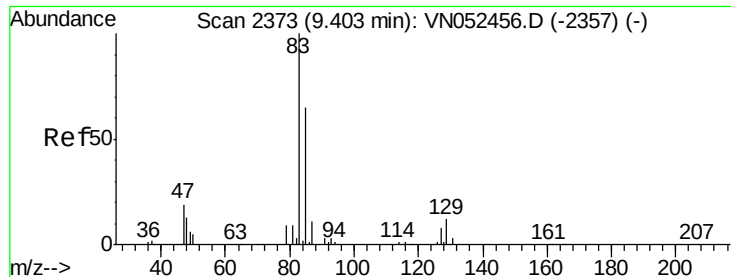
40000

20000

0

Time--> 9.15 9.20 9.25 9.30

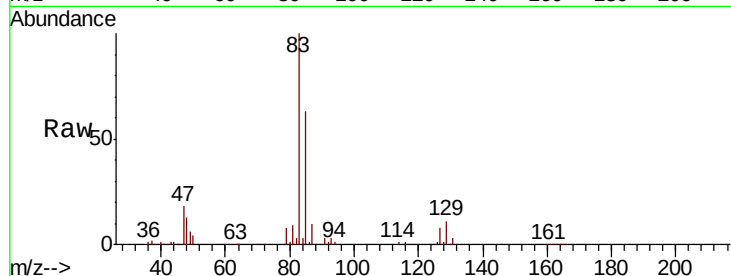




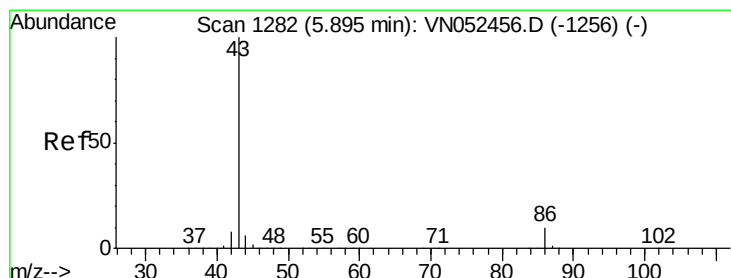
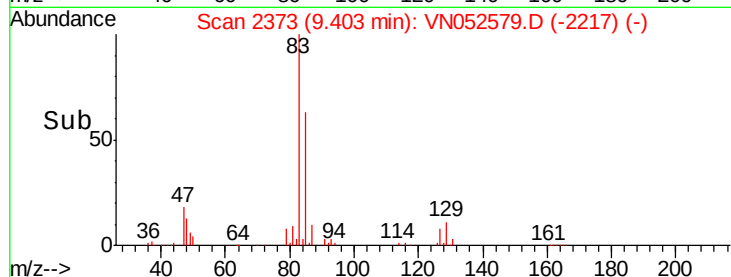
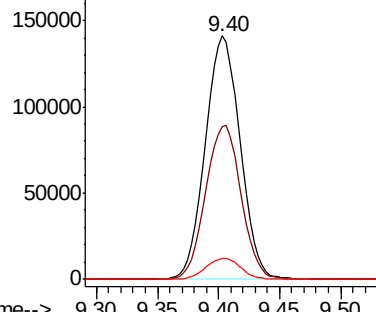
#41
 Bromodichloromethane
 Concen: 19.035 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion: 83 Resp: 280353
 Ion Ratio Lower Upper
 83 100
 85 62.5 52.4 78.6
 127 8.5 6.6 9.8

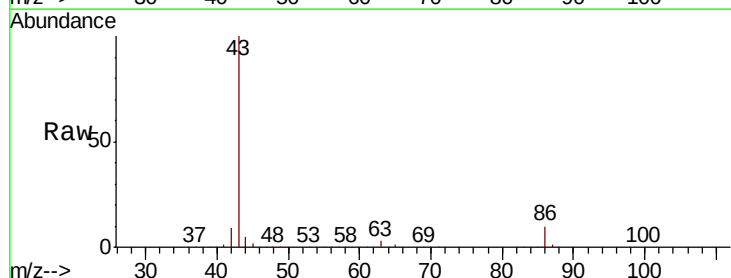


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0
 Ion 127.00 (126.70 to 127.70): VN0

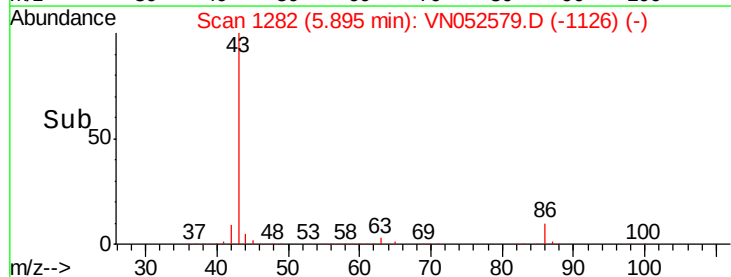
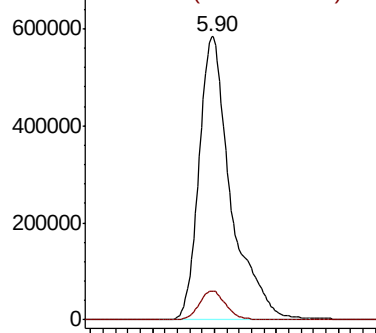


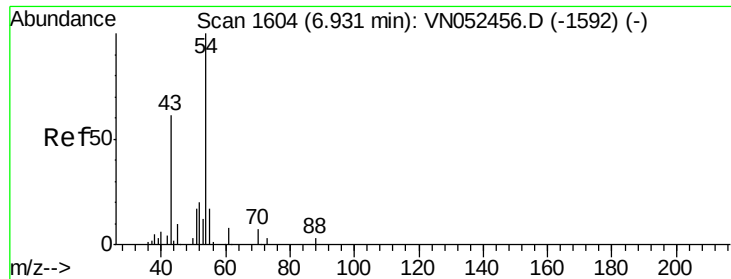
#42
 Vinyl Acetate
 Concen: 94.201 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion: 43 Resp: 2087611
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0

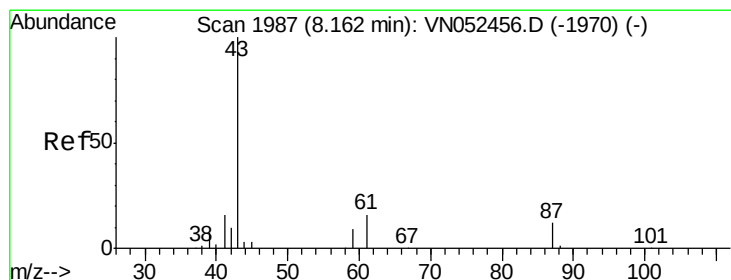
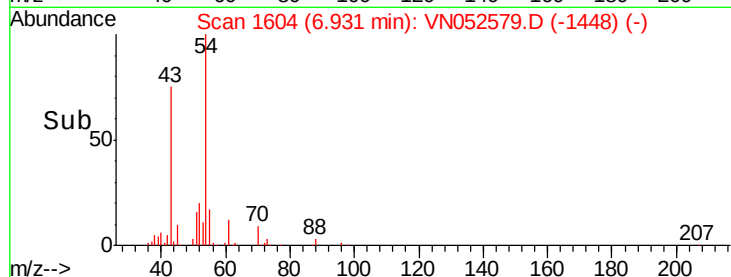
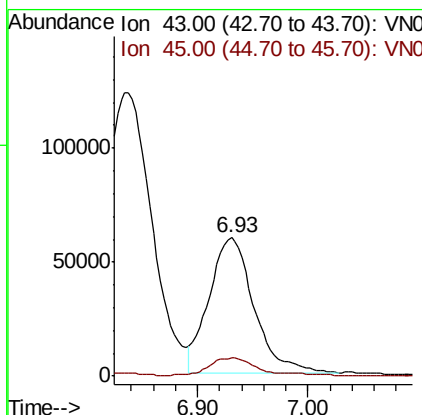
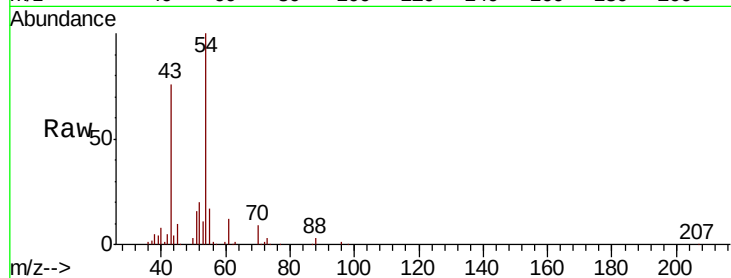




#43
Ethyl Acetate
Concen: 19.232 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

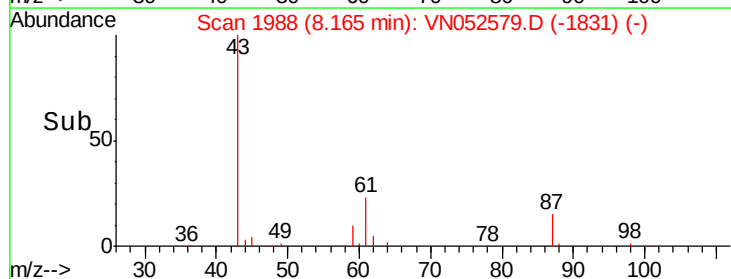
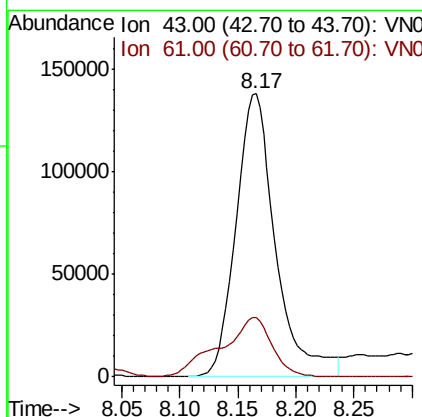
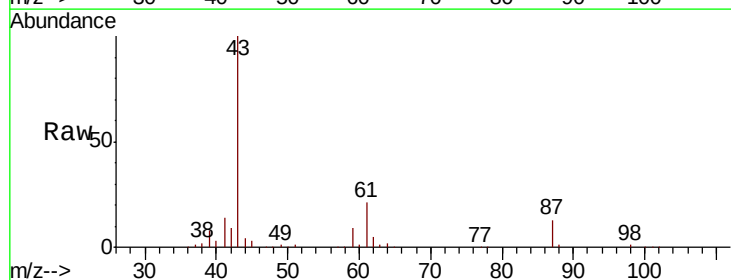
Instrument :
MSVOA_N
ClientSampled :
BFB

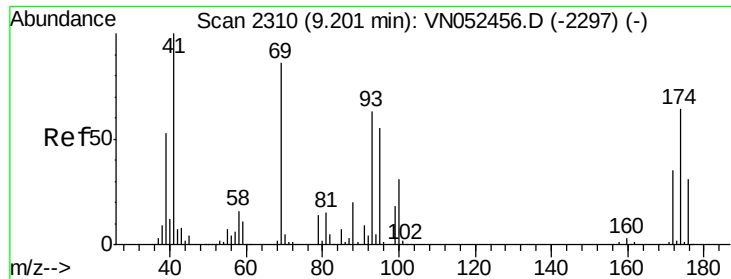
Tot Ion: 43 Resp: 167501
Ion Ratio Lower Upper
43 100
45 12.1 1.0 1.6#



#44
Isopropyl Acetate
Concen: 21.363 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 43 Resp: 326313
Ion Ratio Lower Upper
43 100
61 27.0 16.0 24.0#

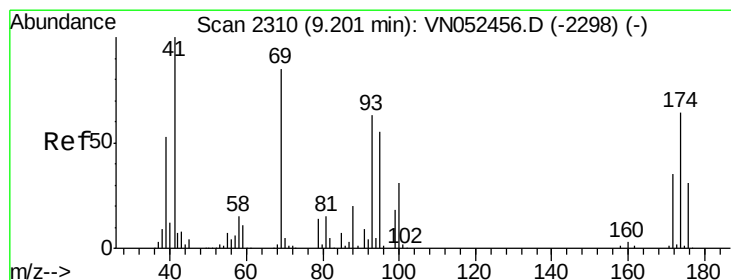
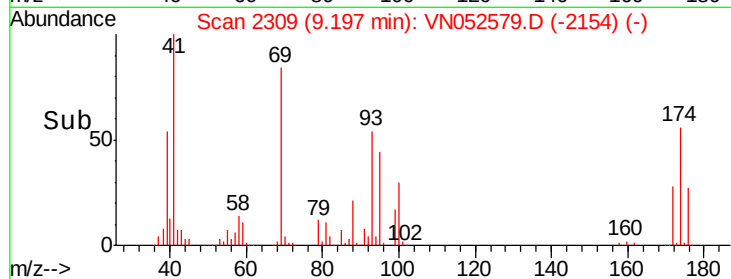
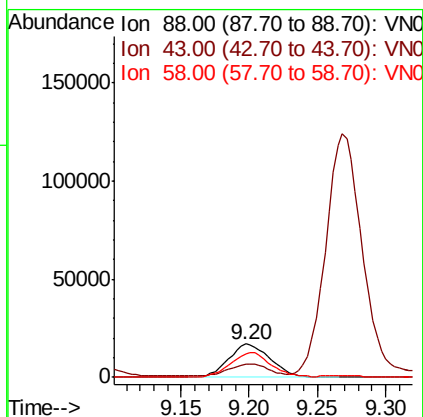
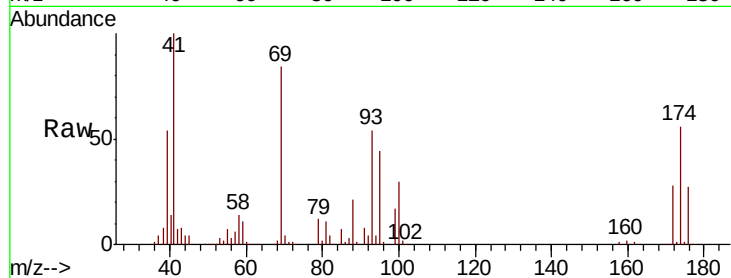




#45
 1,4-Dioxane
 Concen: 436.371 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

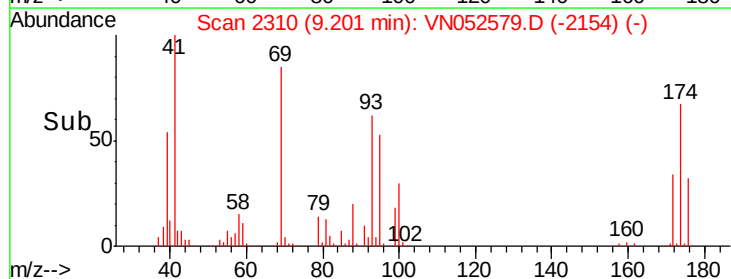
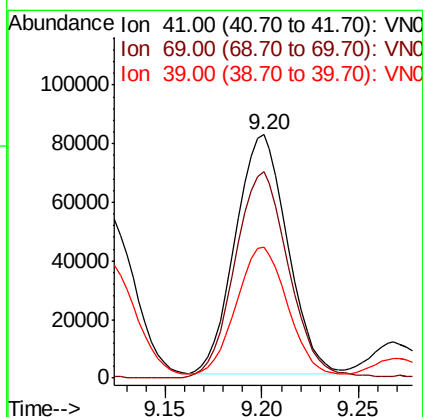
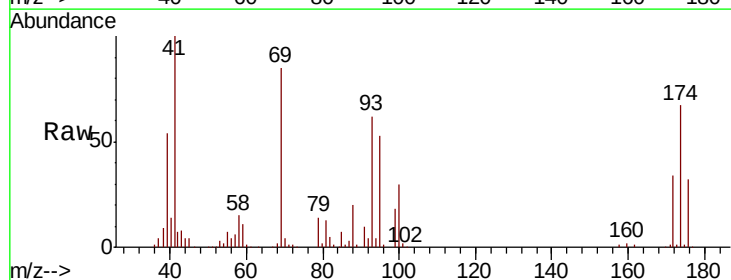
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

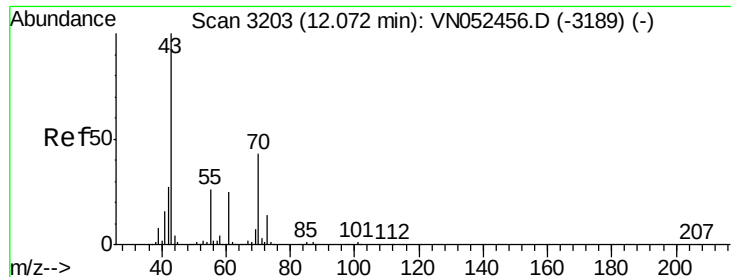
Tot Ion: 88 Resp: 36464
 Ion Ratio Lower Upper
 88 100
 43 31.8 29.5 44.3
 58 70.4 61.5 92.3



#46
 Methyl methacrylate
 Concen: 19.265 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion: 41 Resp: 152784
 Ion Ratio Lower Upper
 41 100
 69 85.5 42.5 127.6
 39 53.2 26.3 78.9





#47

n-amvl Acetate

Concen: 19.279 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

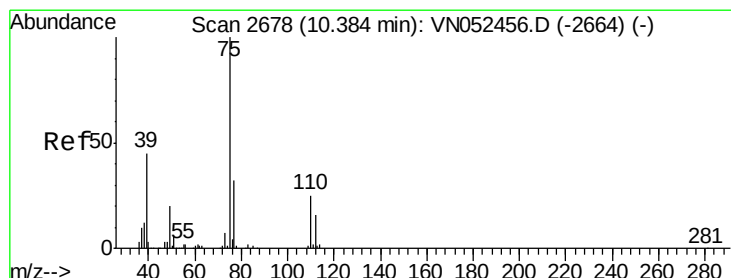
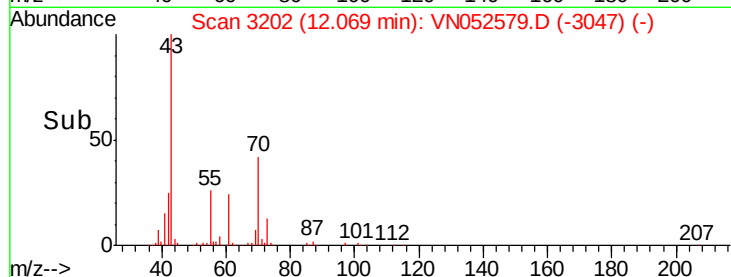
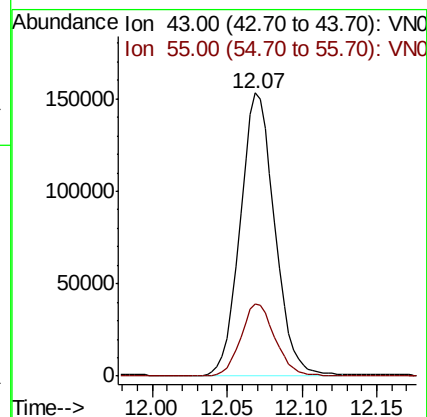
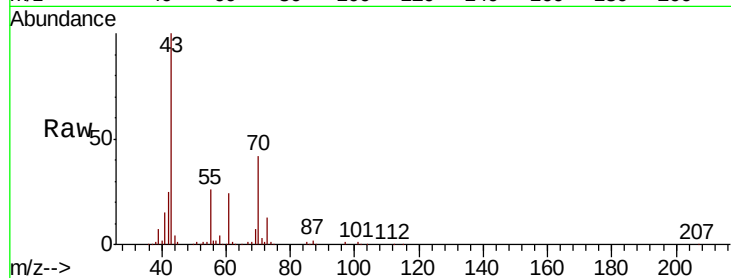
BFB

Tot Ion: 43 Resp: 244163

Ion Ratio Lower Upper

43 100

55 25.6 21.1 31.7



#48

t-1,3-Dichloropropene

Concen: 18.508 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052579.D

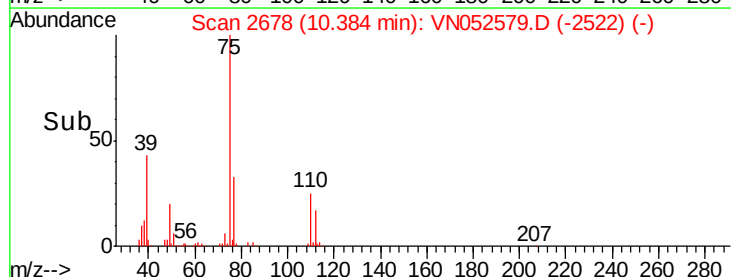
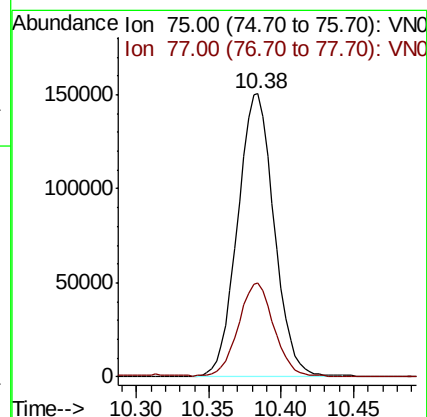
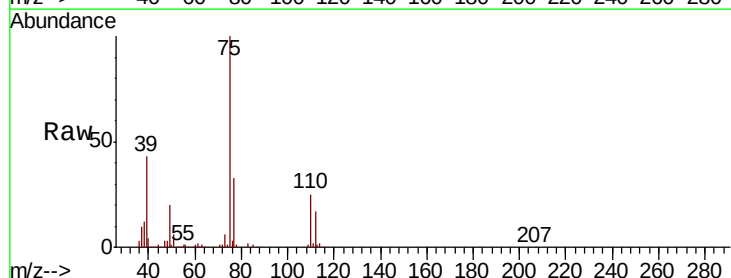
Acq: 29 Nov 2018 21:58

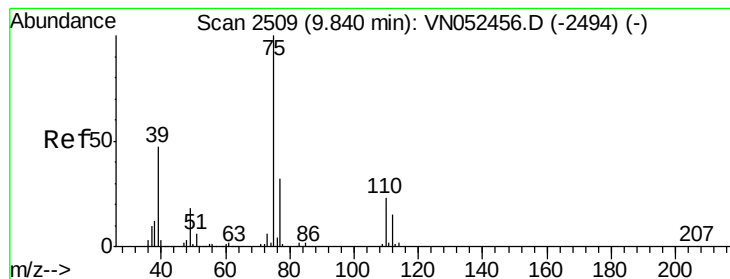
Tgt Ion: 75 Resp: 264305

Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4



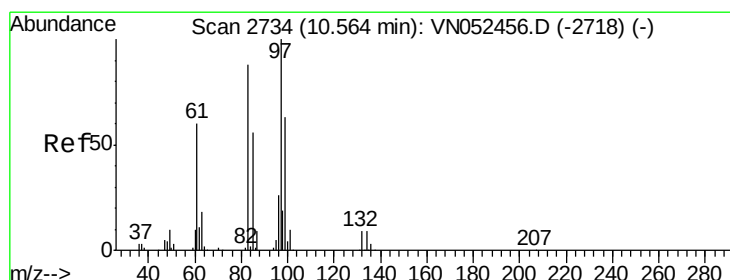
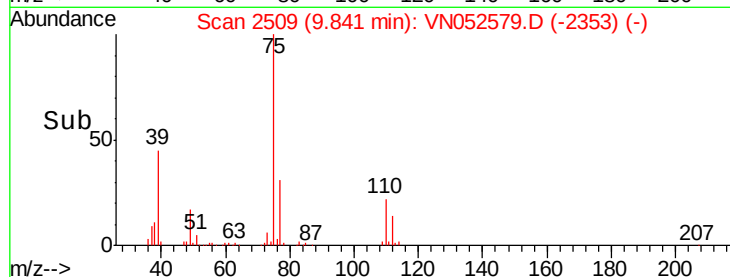
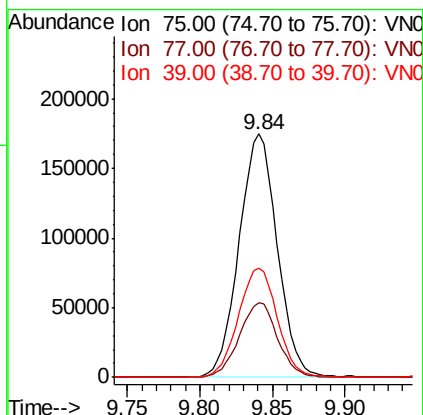
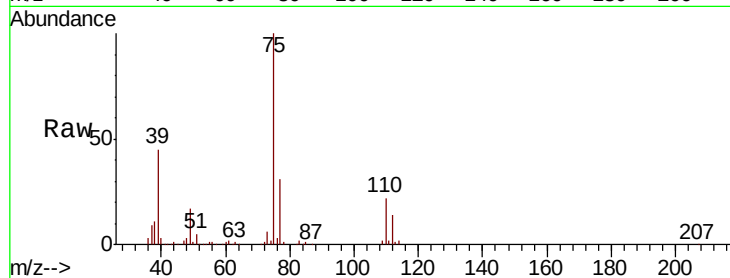


#49

cis-1,3-Dichloropropene
 Concen: 18.395 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

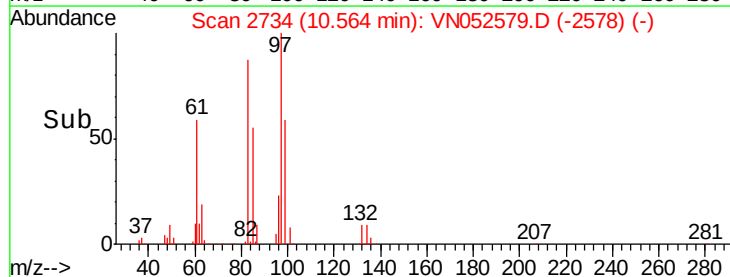
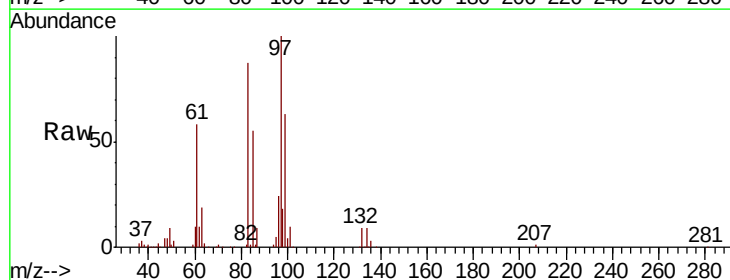
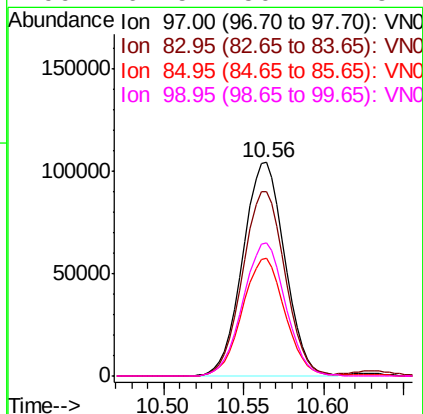
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0
39	44.8	37.3	55.9

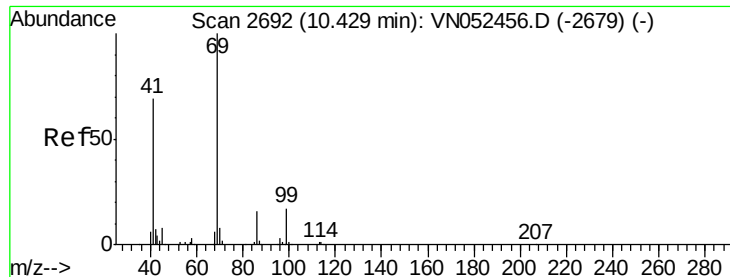


#50

1,1,2-Trichloroethane
 Concen: 19.847 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.4	105.6
85	55.4	45.0	67.6
99	62.5	50.2	75.2

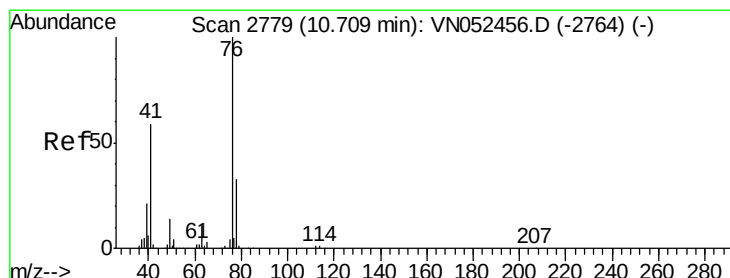
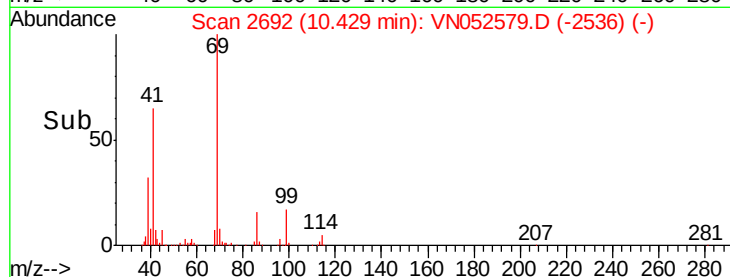
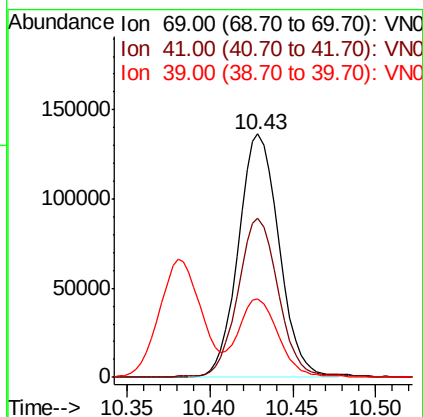
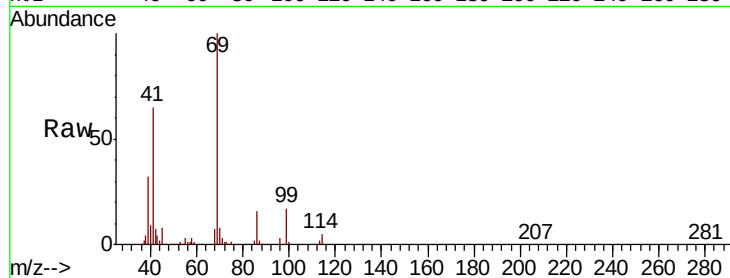




#51
Ethyl methacrylate
Concen: 19.619 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

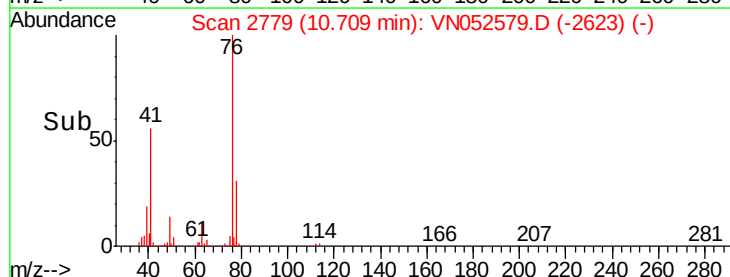
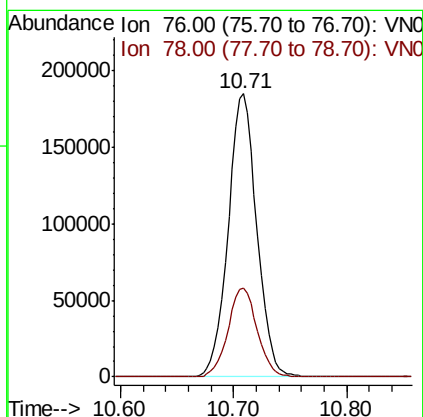
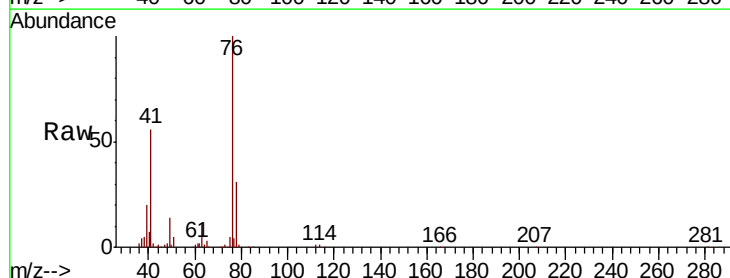
Instrument :
MSVOA_N
ClientSampleId :
BFB

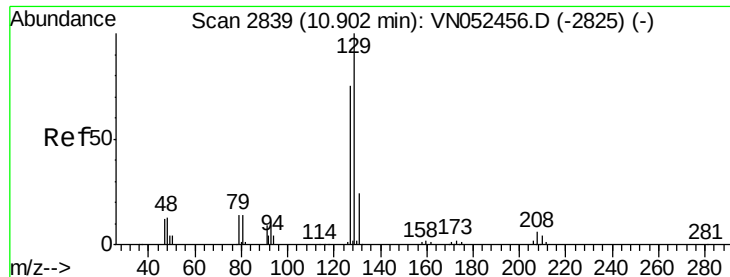
Tot Ion: 69 Resp: 232845
Ion Ratio Lower Upper
69 100
41 64.7 34.4 103.3
39 31.7 16.4 49.2



#52
1,3-Dichloropropane
Concen: 19.318 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 76 Resp: 324933
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.8





#53

Dibromochloromethane

Concen: 19.095 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

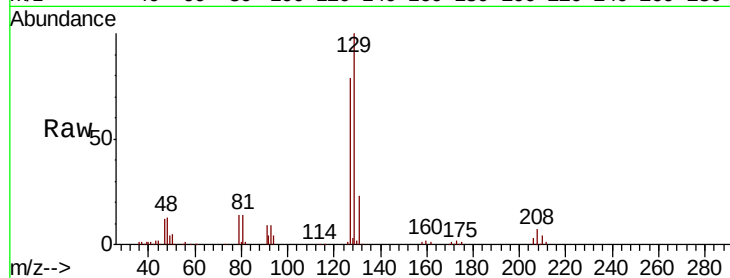
BFB

Tot Ion:129 Resp: 198654

Ion Ratio Lower Upper

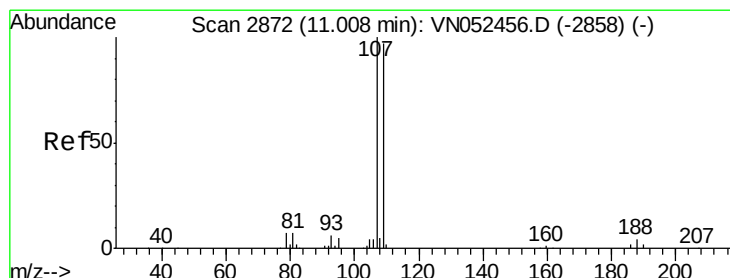
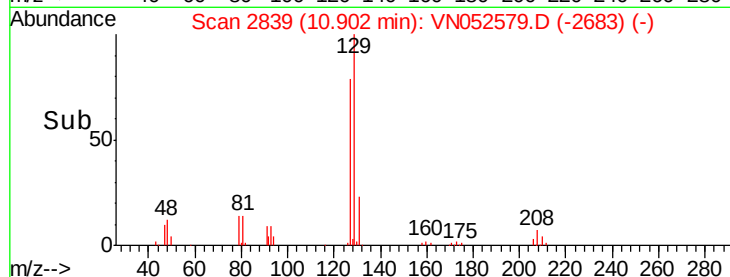
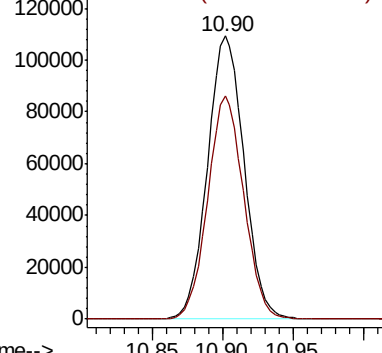
129 100

127 77.6 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: 19.875 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052579.D

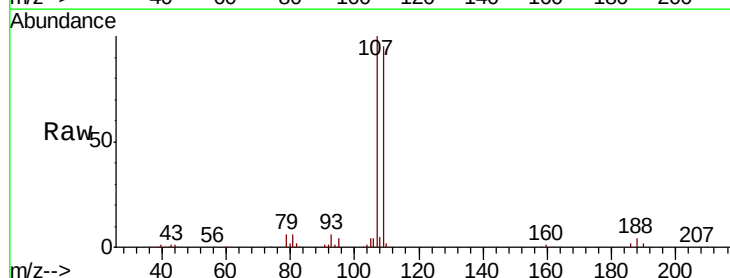
Acq: 29 Nov 2018 21:58

Tgt Ion:107 Resp: 183523

Ion Ratio Lower Upper

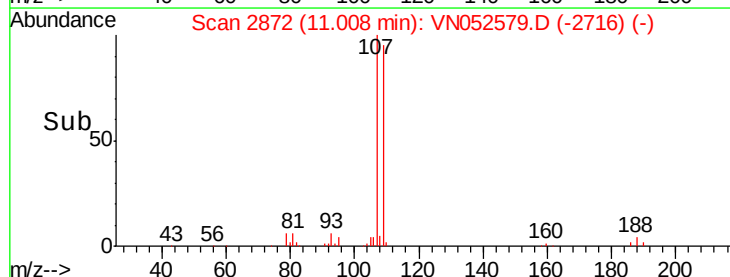
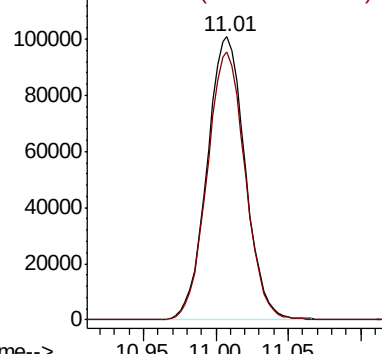
107 100

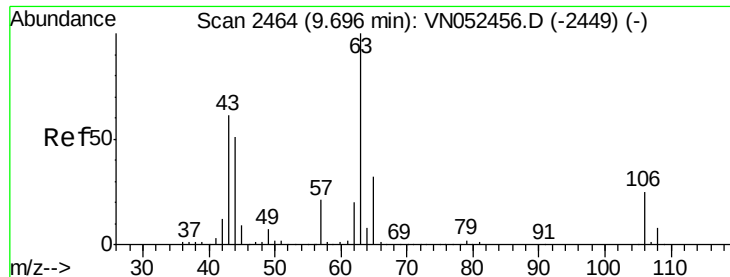
109 94.7 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

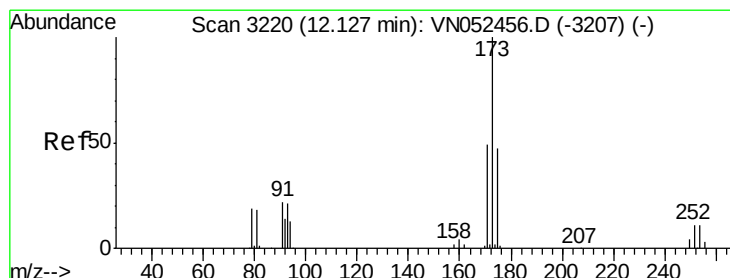
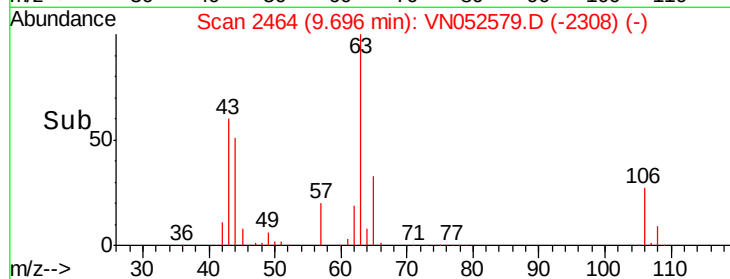
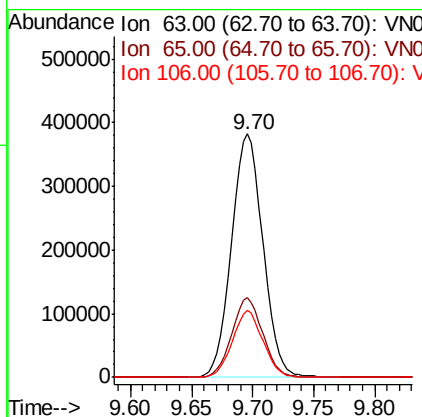
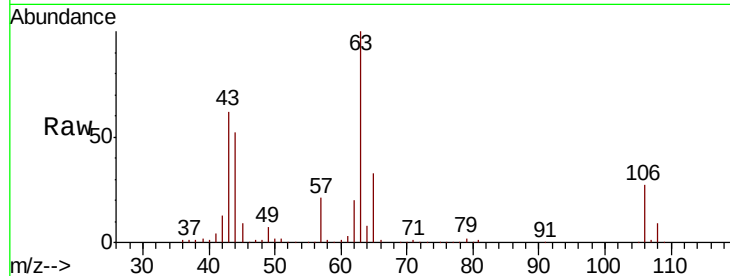




#55
2-Chloroethyl vinyl ether
Concen: 98.720 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

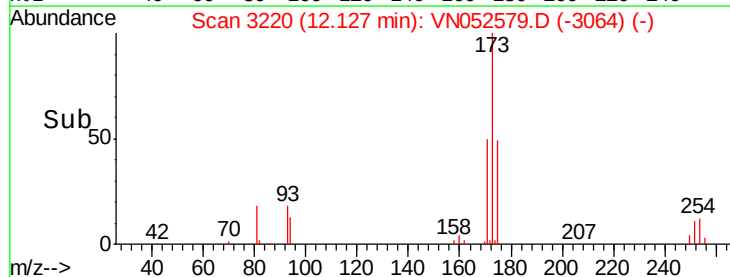
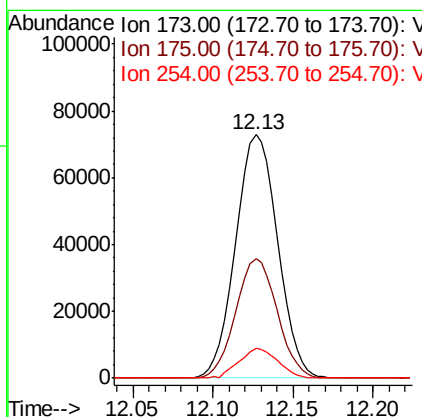
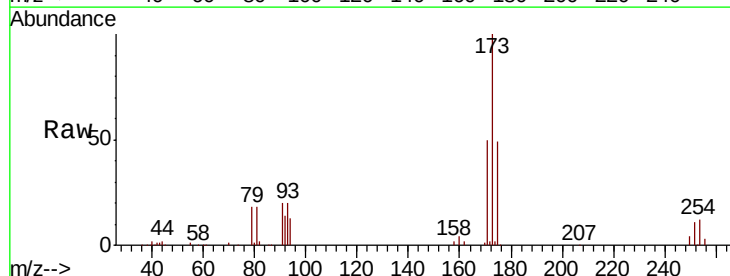
Instrument :
MSVOA_N
ClientSampled :
BFB

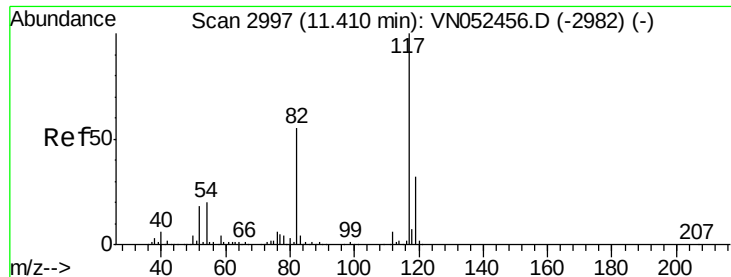
Tot Ion: 63 Resp: 685813
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.2
106 26.7 20.4 30.6



#56
Bromoform
Concen: 19.240 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion: 173 Resp: 130837
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 11.0 8.4 12.6

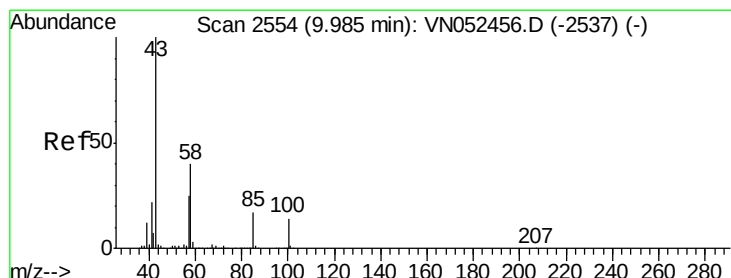
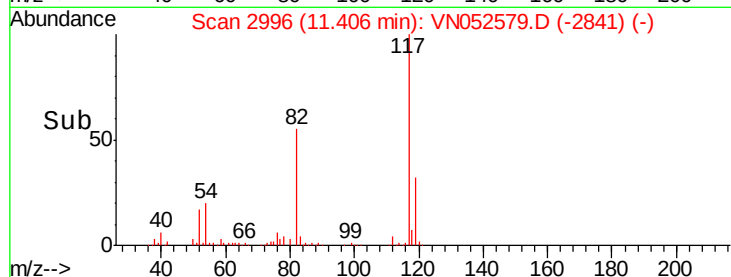
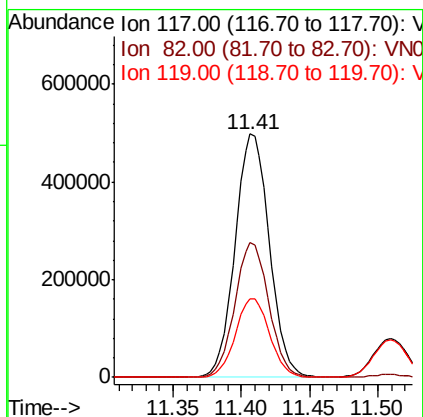
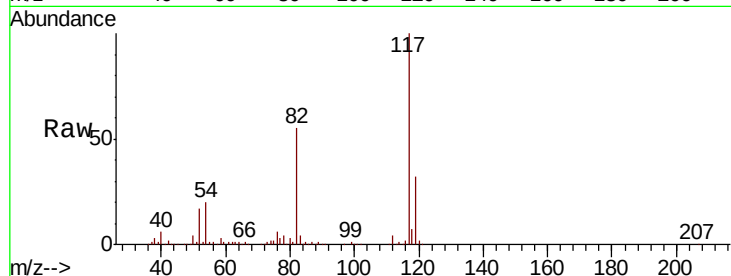




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

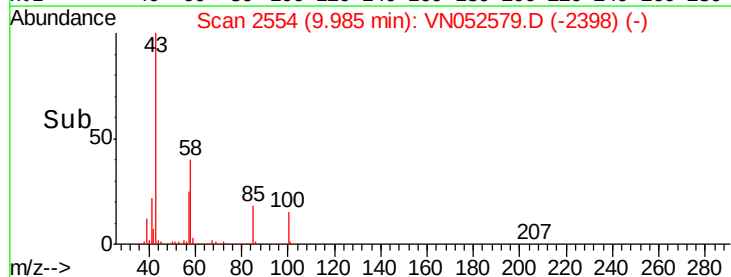
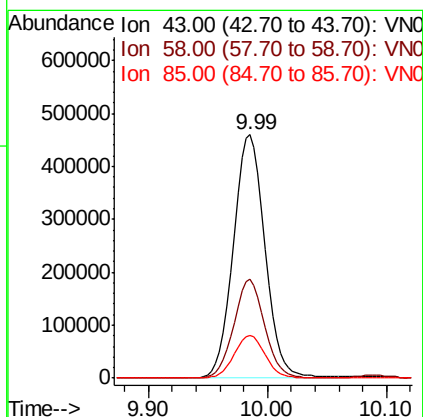
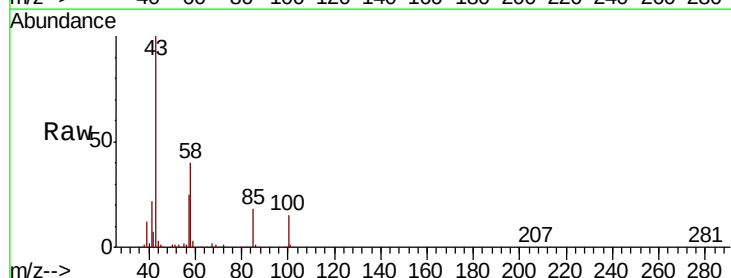
Instrument :
MSVOA_N
ClientSampleId :
BFB

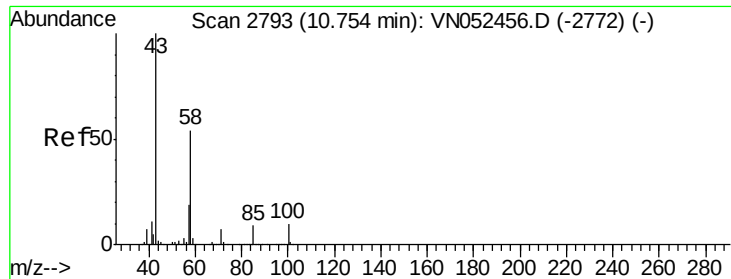
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.2	66.2
119	32.4	25.4	38.2



#58
4-Methyl-2-Pentanone
Concen: 99.985 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	17.5	13.3	19.9

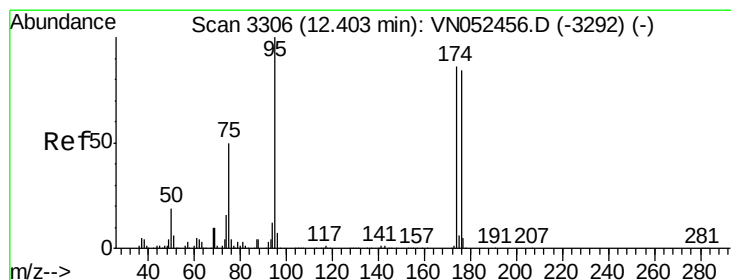
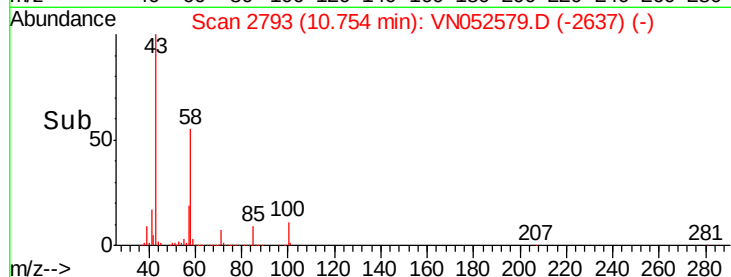
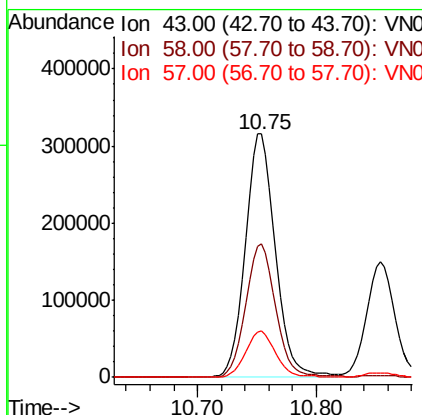
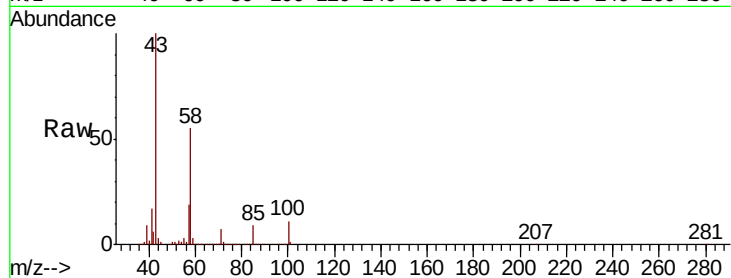




#59
2-Hexanone
Concen: 95.391 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

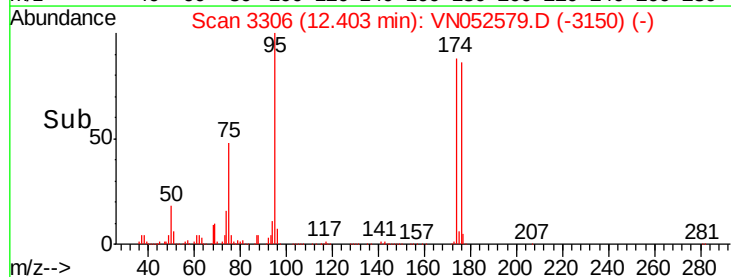
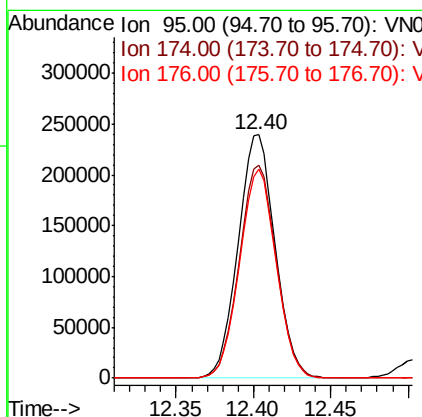
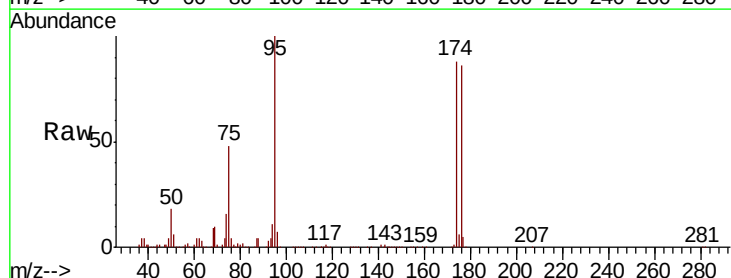
Instrument :
MSVOA_N
ClientSampleId :
BFB

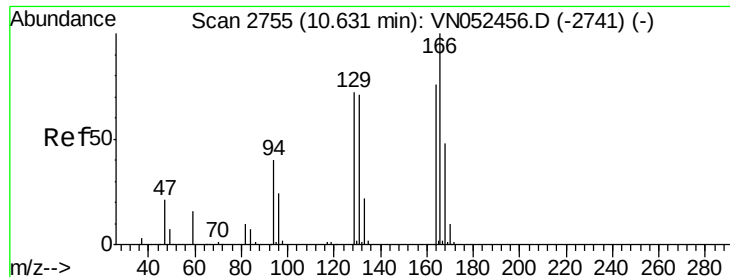
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.2	64.8
57	19.2	14.9	22.3



#60
4-Bromofluorobenzene
Concen: 95.391 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	67.9	101.9
176	85.0	66.4	99.6





#61

Tetrachloroethene

Concen: 20.922 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

Tot Ion:164 Resp: 224092

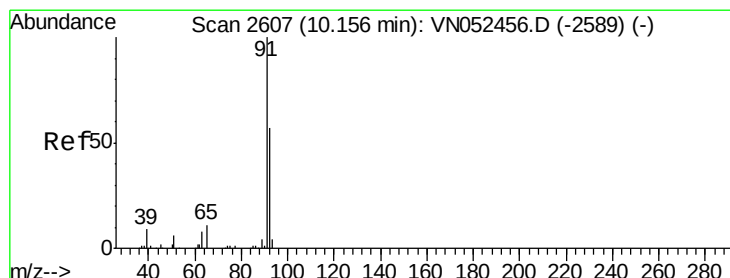
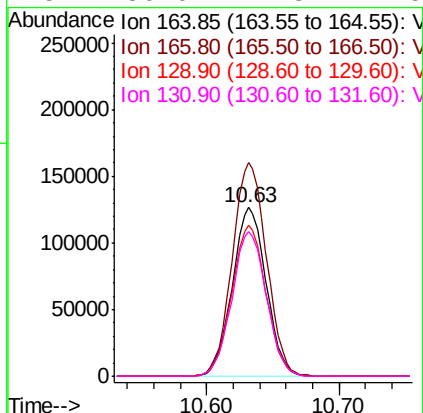
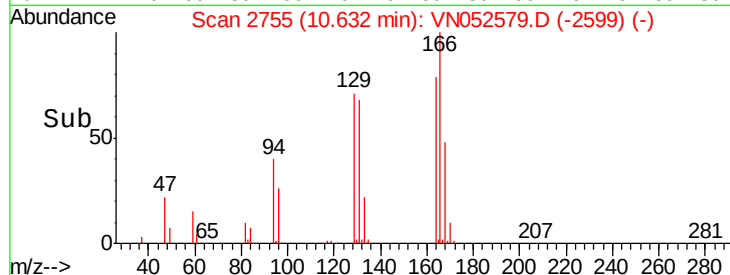
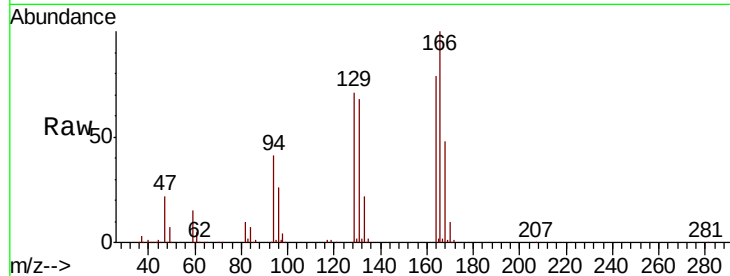
Ion Ratio Lower Upper

164 100

166 126.8 104.6 157.0

129 89.5 75.3 112.9

131 86.0 74.3 111.5



#62

Toluene

Concen: 19.569 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052579.D

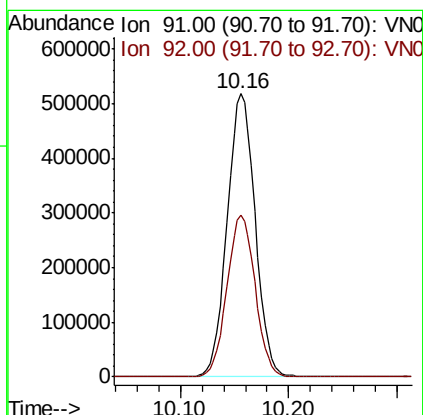
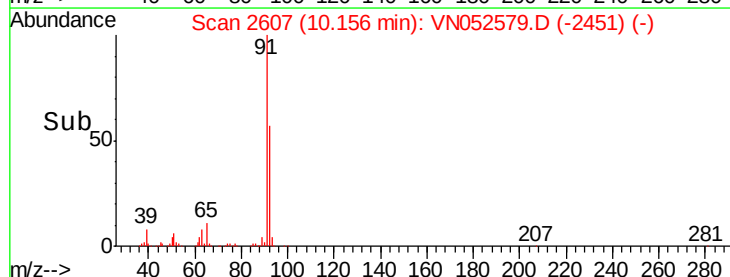
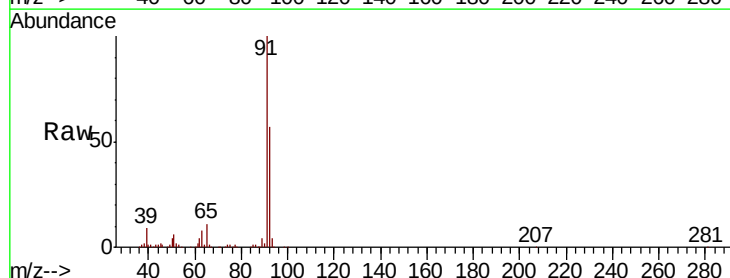
Acq: 29 Nov 2018 21:58

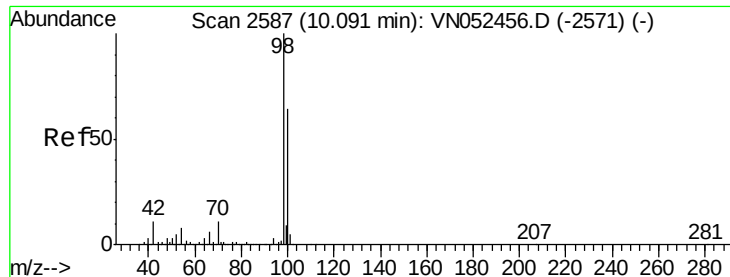
Tgt Ion: 91 Resp: 938182

Ion Ratio Lower Upper

91 100

92 57.5 45.4 68.2





#63

Toluene-d8

Concen: 19.569 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

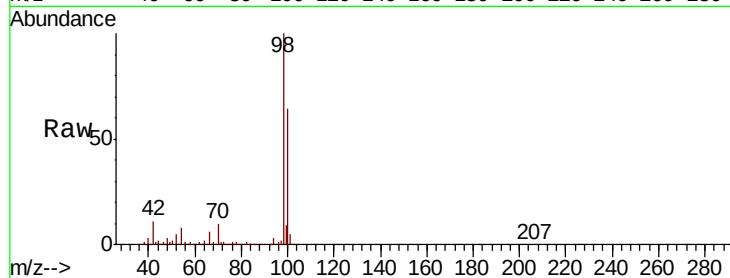
BFB

Tot Ion: 98 Resp: 1211111

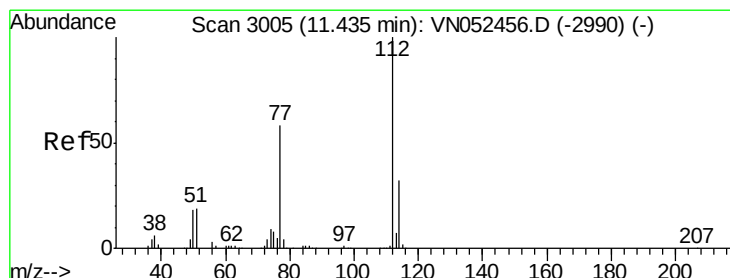
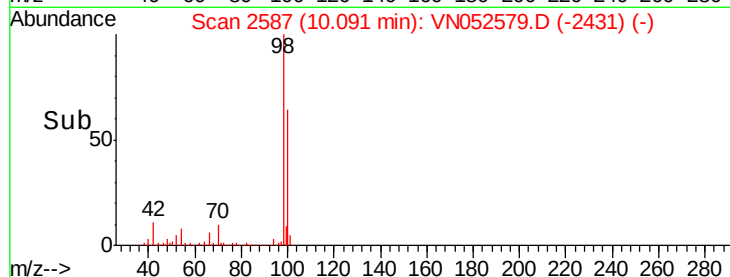
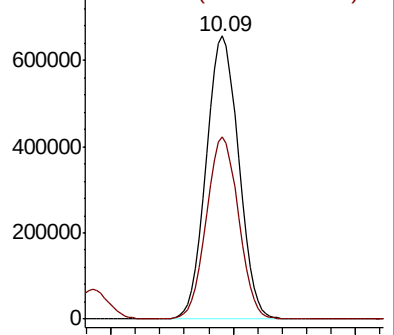
Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN052456.D (-2571) (-)



#64

Chlorobenzene

Concen: 19.440 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN052579.D

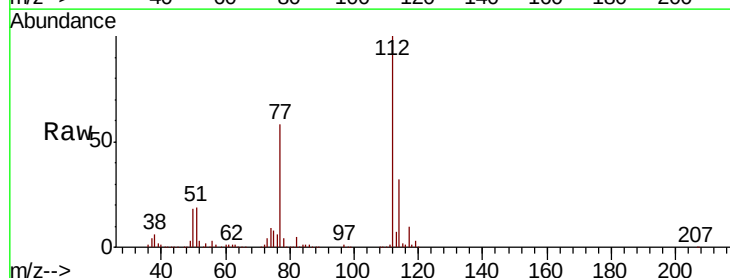
Acq: 29 Nov 2018 21:58

Tgt Ion: 112 Resp: 568866

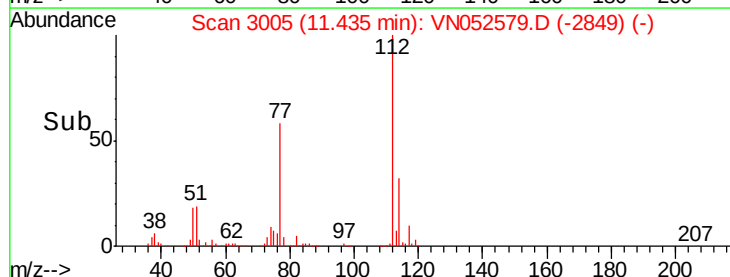
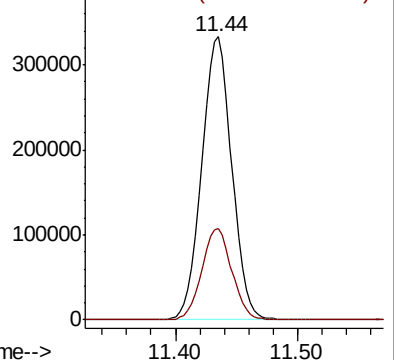
Ion Ratio Lower Upper

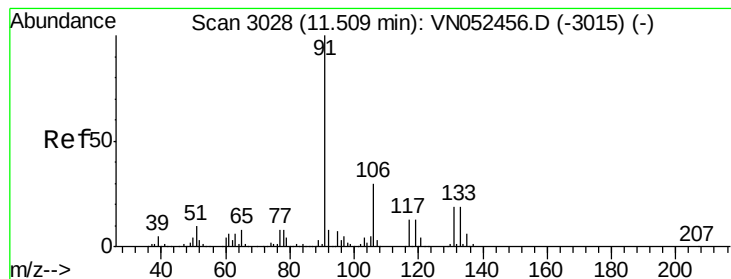
112 100

114 32.3 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VN052456.D (-2990) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 19.815 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

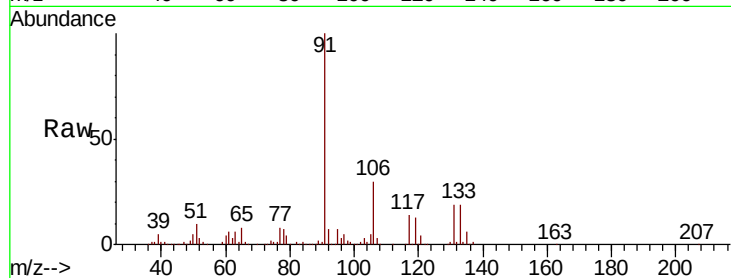
Tot Ion:131 Resp: 201264

Ion Ratio Lower Upper

131 100

133 95.4 0.0 193.4

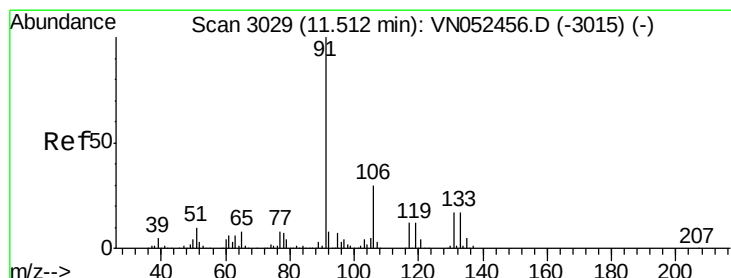
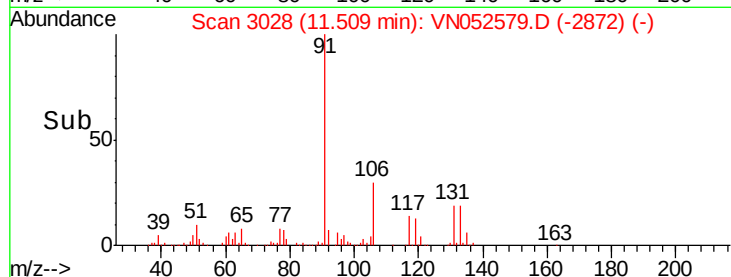
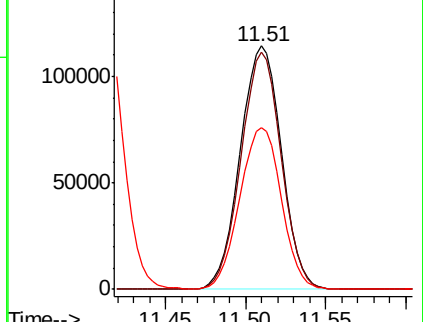
119 67.2 0.0 133.0



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: 19.180 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052579.D

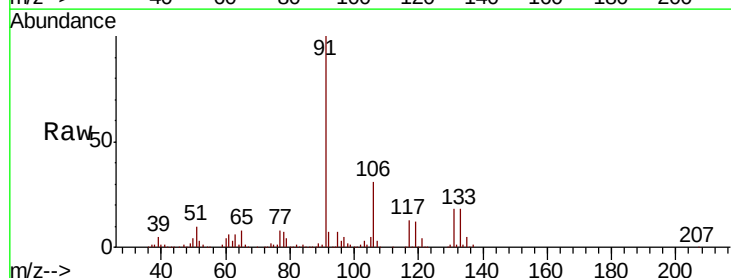
Acq: 29 Nov 2018 21:58

Tgt Ion: 91 Resp: 991014

Ion Ratio Lower Upper

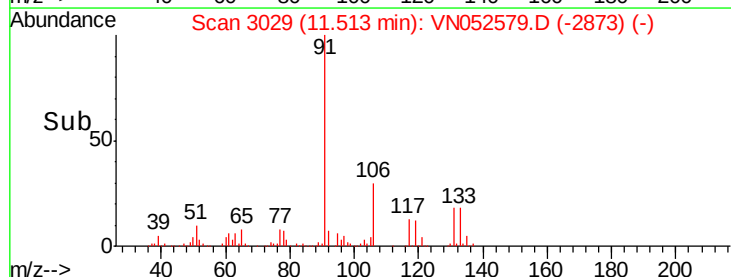
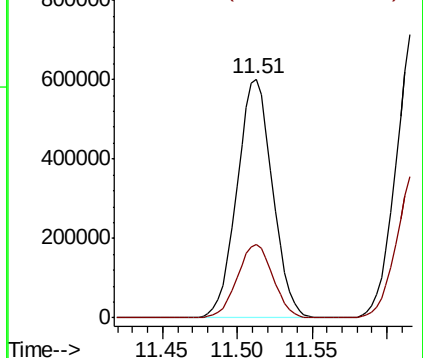
91 100

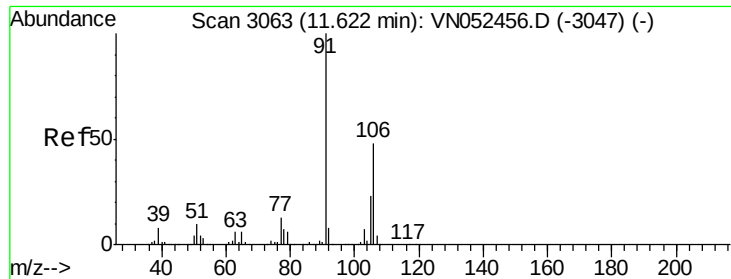
106 30.9 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

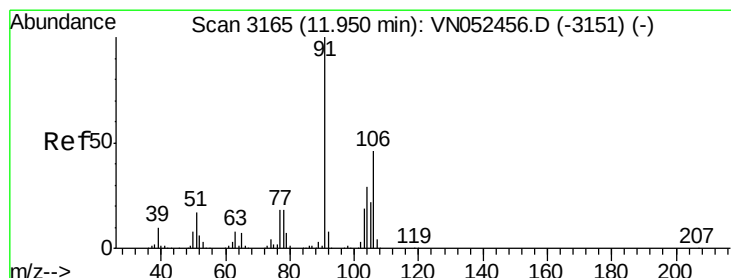
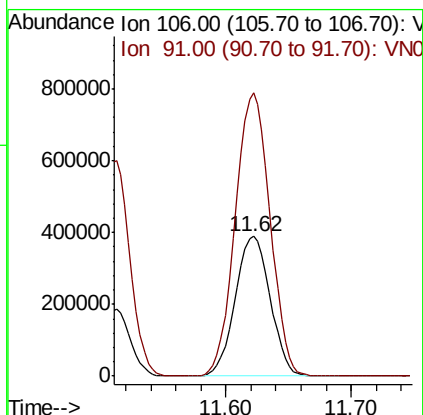
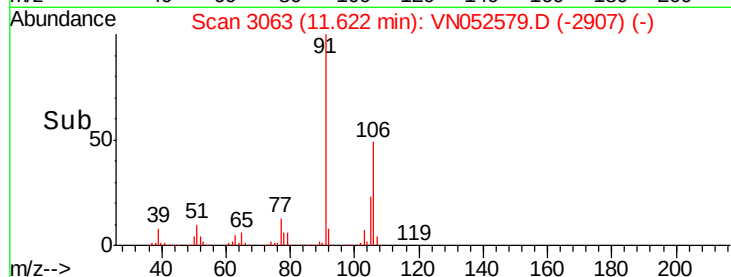
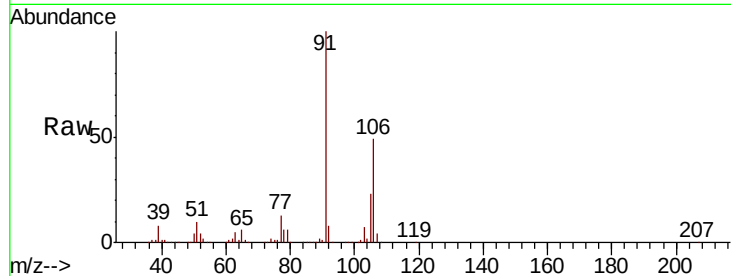




#67
m/p-Xylenes
Concen: 39.022 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

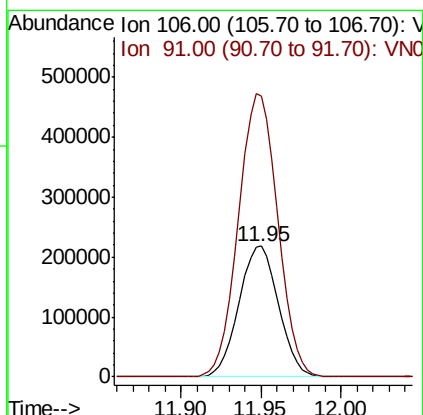
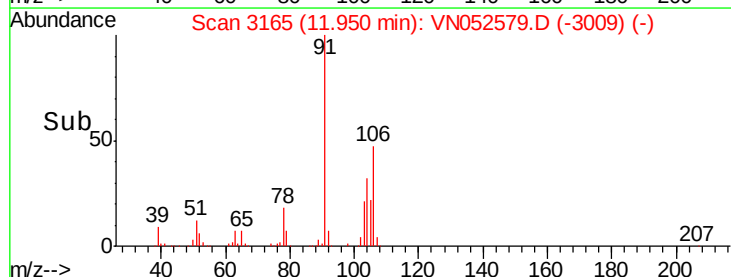
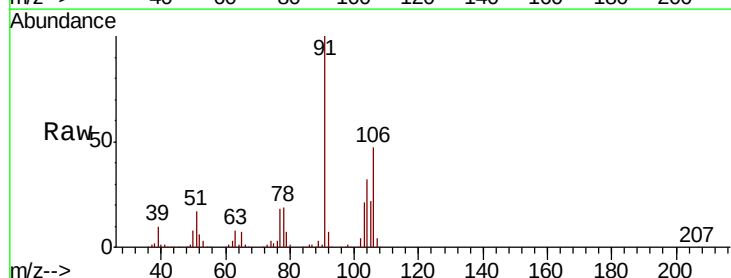
Instrument :
MSVOA_N
ClientSampled :
BFB

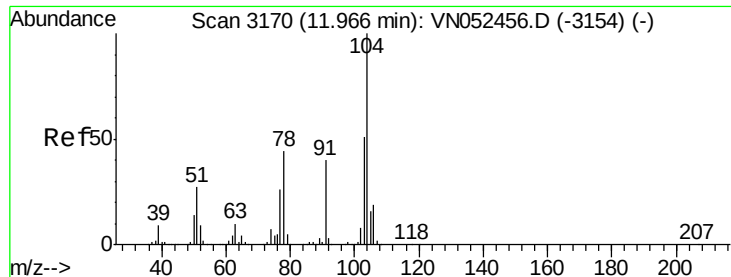
Tot Ion:106 Resp: 751171
Ion Ratio Lower Upper
106 100
91 202.9 163.9 245.9



#68
o-Xylene
Concen: 19.721 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion:106 Resp: 368466
Ion Ratio Lower Upper
106 100
91 215.2 107.8 323.4

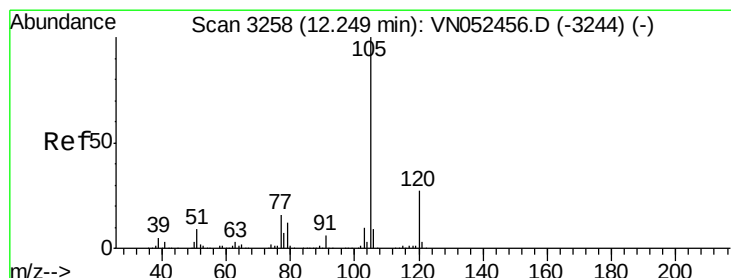
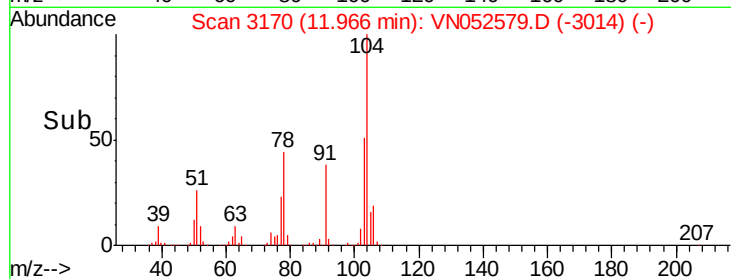
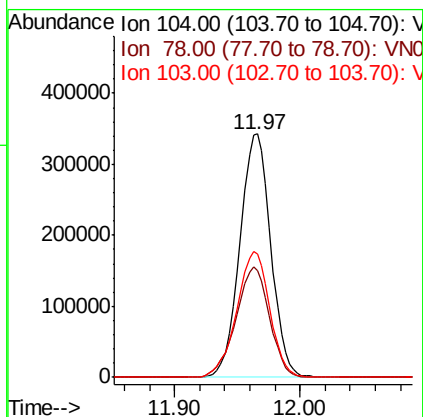
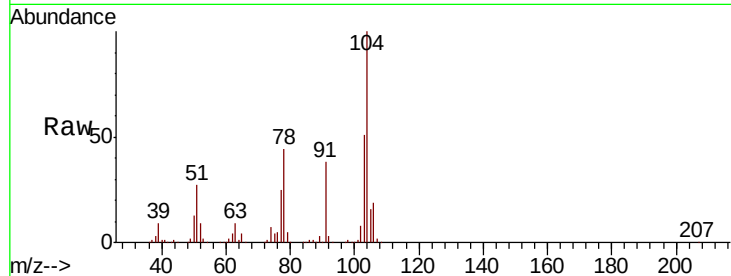




#69
Stvrene
Concen: 19.468 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

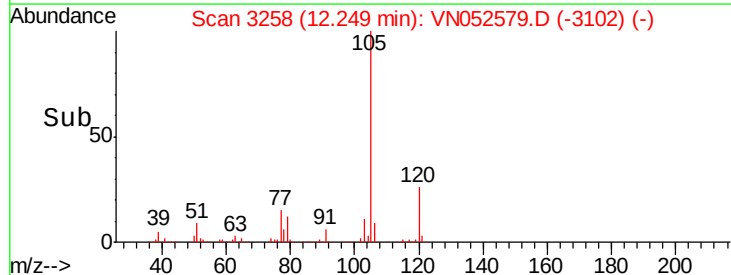
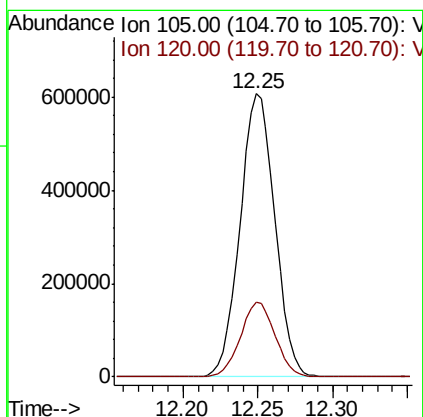
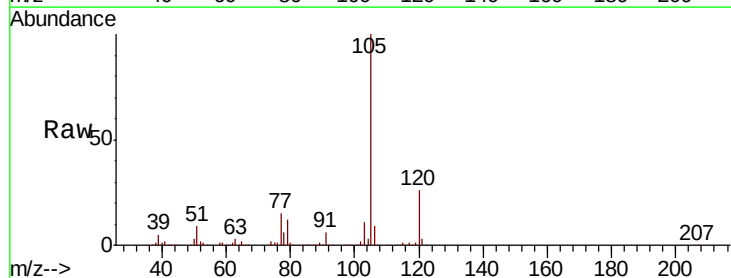
Instrument :
MSVOA_N
ClientSampled :
BFB

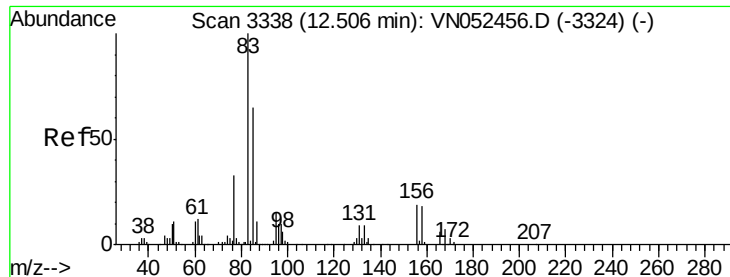
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.3	58.9
103	55.4	44.6	66.8



#70
Isopropylbenzene
Concen: 19.746 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.6	34.6

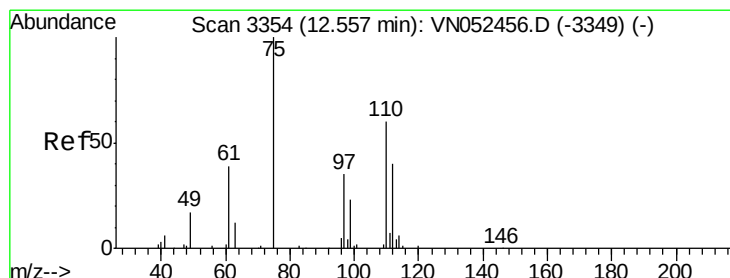
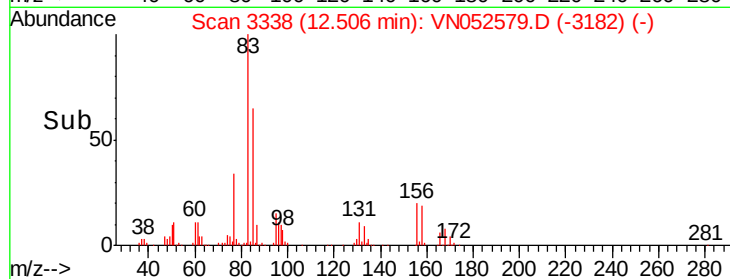
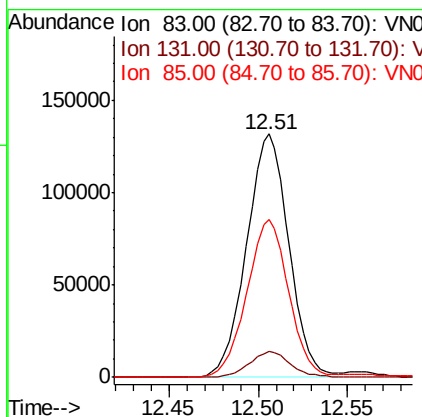
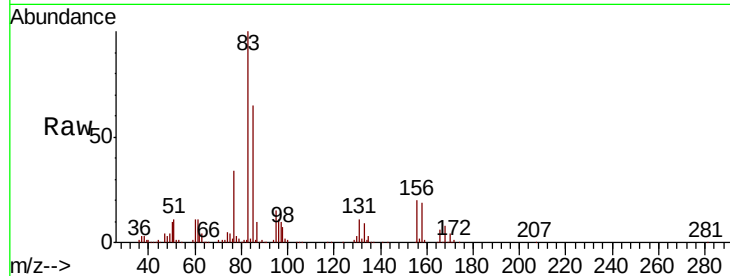




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.196 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

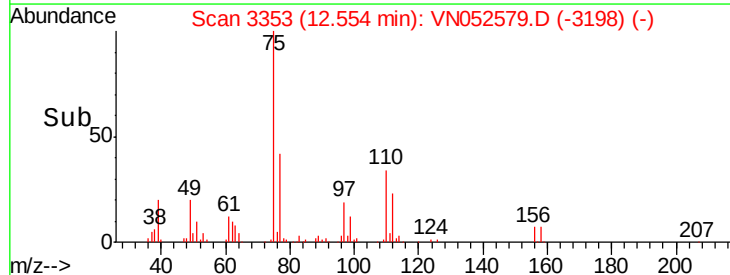
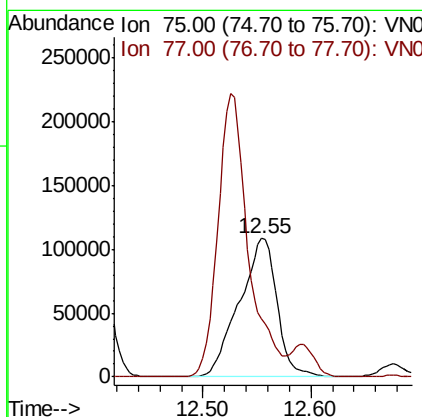
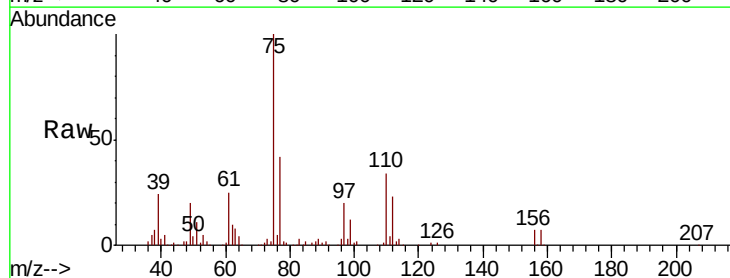
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

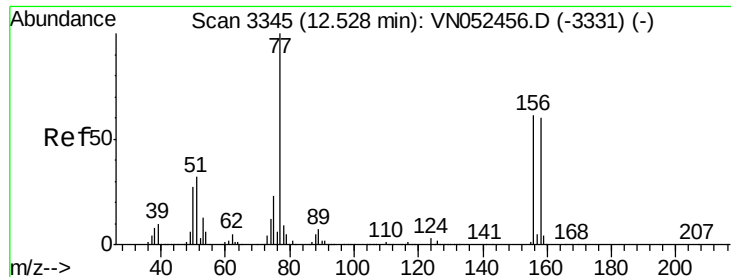
Tot Ion	83	Resp	218396
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.9	14.6
85	64.2	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 28.445 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion	75	Resp	264054
Ion Ratio	Lower	Upper	
75	100		
77	165.2	0.0	514.8





#73

Bromobenzene

Concen: 20.092 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

BFB

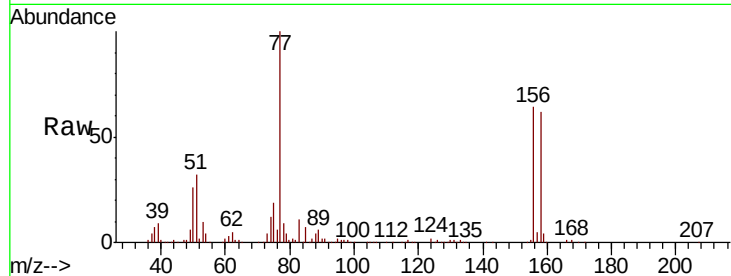
Tot Ion:156 Resp: 241577

Ion Ratio Lower Upper

156 100

77 180.5 0.0 382.6

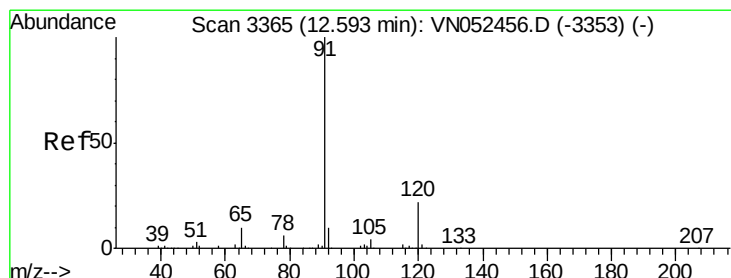
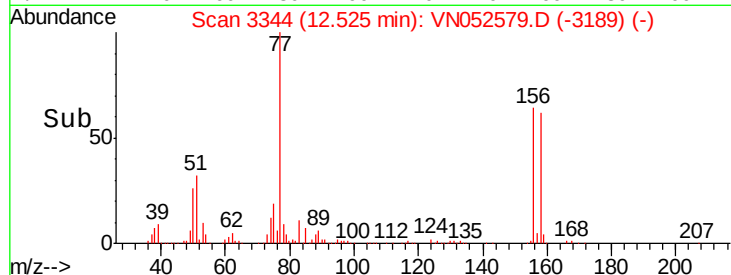
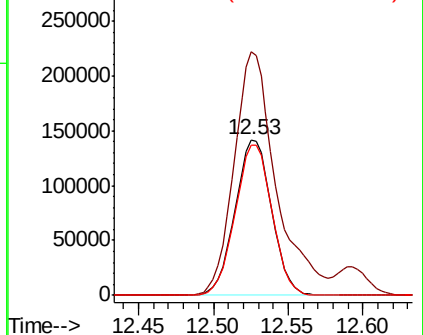
158 97.1 0.0 196.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.990 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052579.D

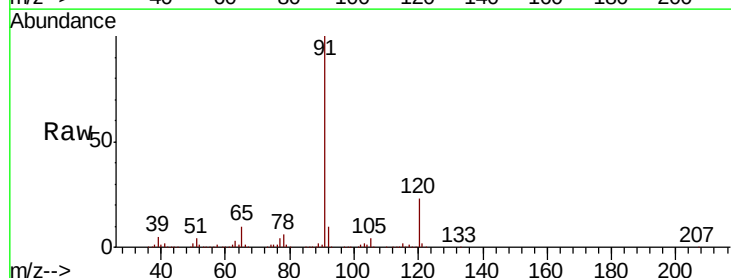
Acq: 29 Nov 2018 21:58

Tgt Ion: 91 Resp: 1099948

Ion Ratio Lower Upper

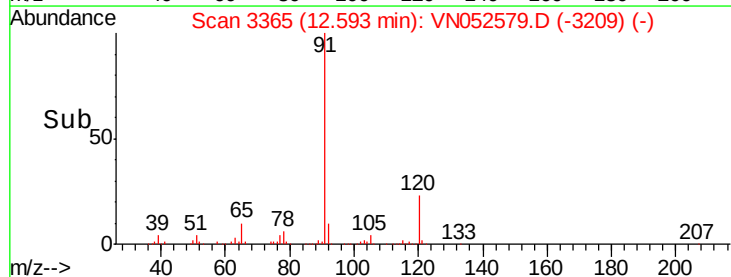
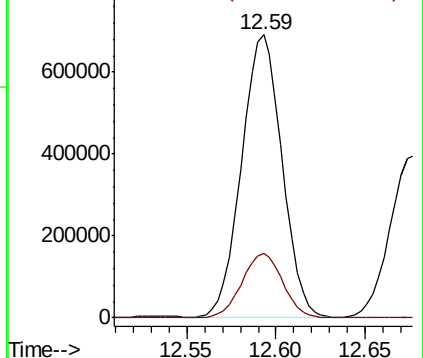
91 100

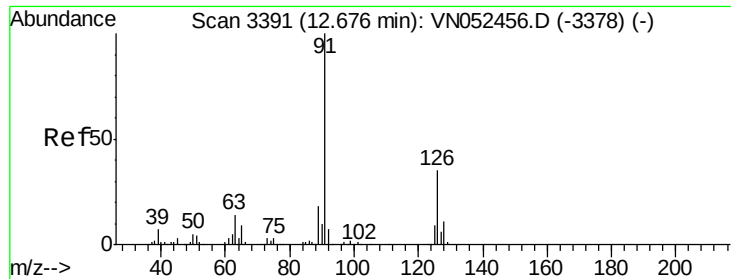
120 22.9 0.0 44.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.366 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

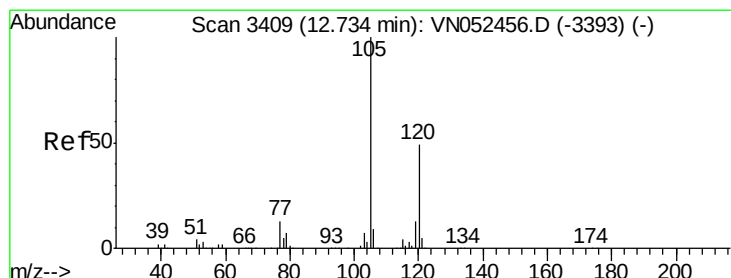
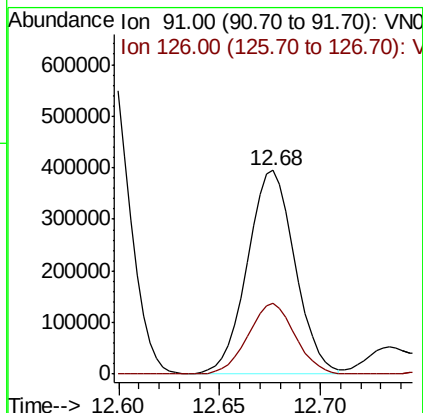
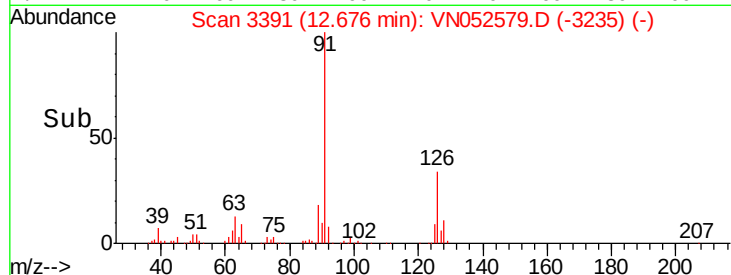
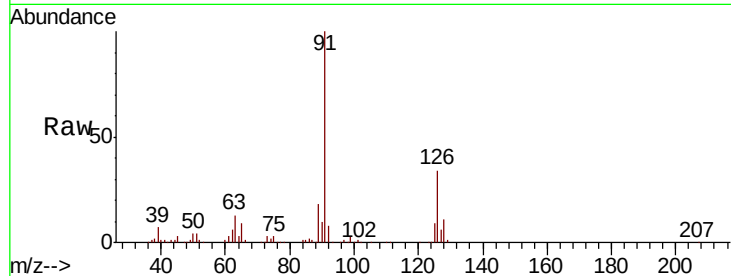
BFB

Tot Ion: 91 Resp: 651106

Ion Ratio Lower Upper

91 100

126 34.4 0.0 68.4



#76

1,3,5-Trimethylbenzene

Concen: 19.571 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052579.D

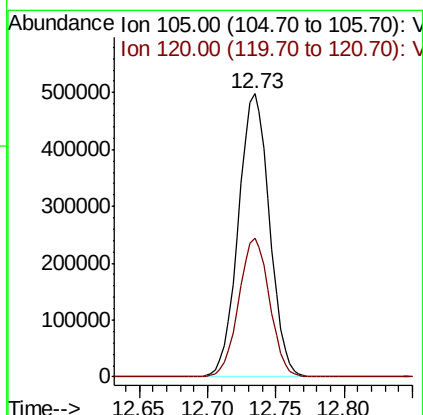
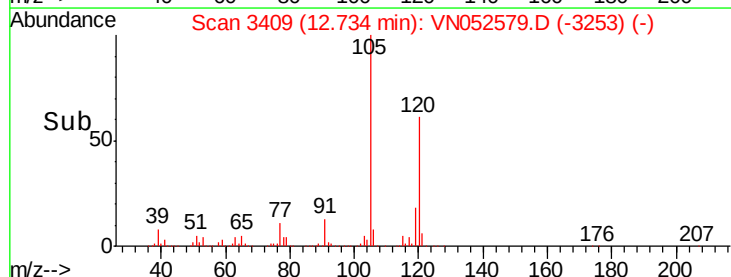
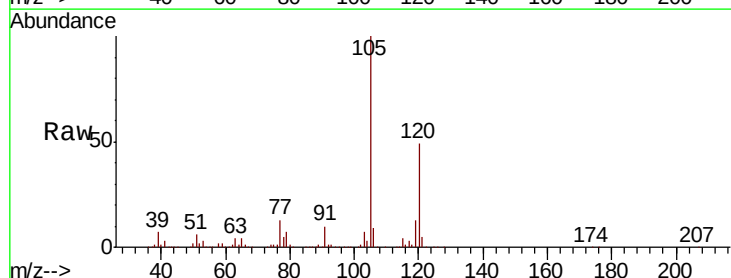
Acq: 29 Nov 2018 21:58

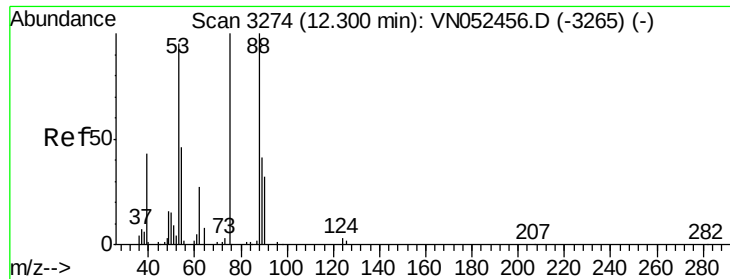
Tgt Ion: 105 Resp: 785851

Ion Ratio Lower Upper

105 100

120 48.6 0.0 97.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.450 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

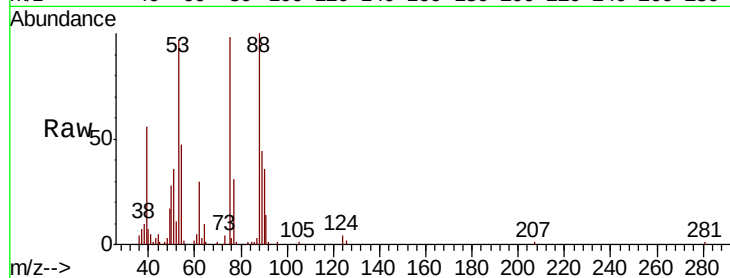
Tot Ion: 75 Resp: 51173

Ion Ratio Lower Upper

75 100

53 98.9 48.5 145.6

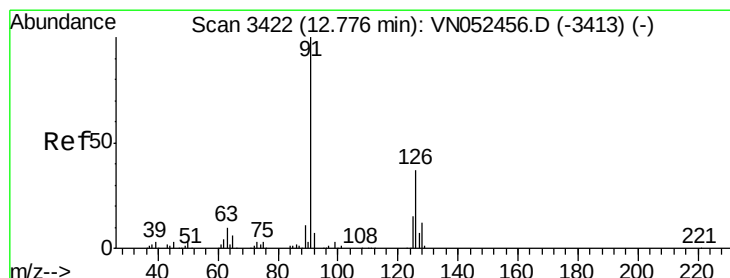
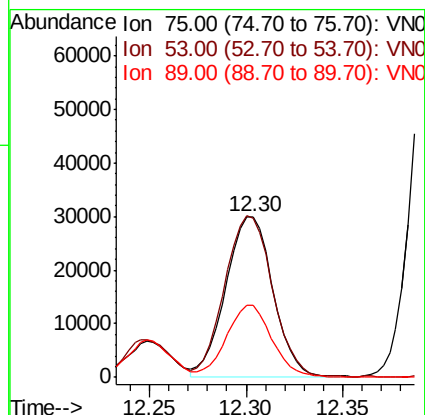
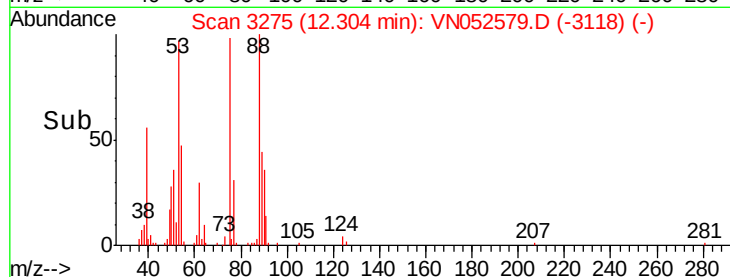
89 45.0 21.7 65.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.074 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052579.D

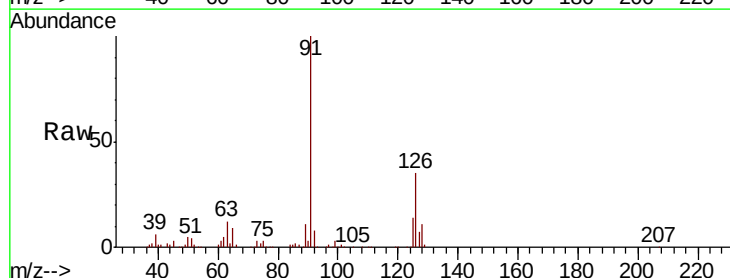
Acq: 29 Nov 2018 21:58

Tgt Ion: 91 Resp: 640387

Ion Ratio Lower Upper

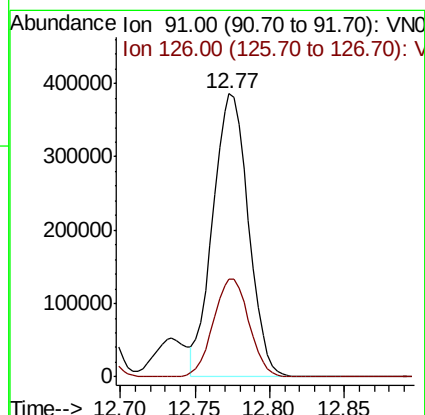
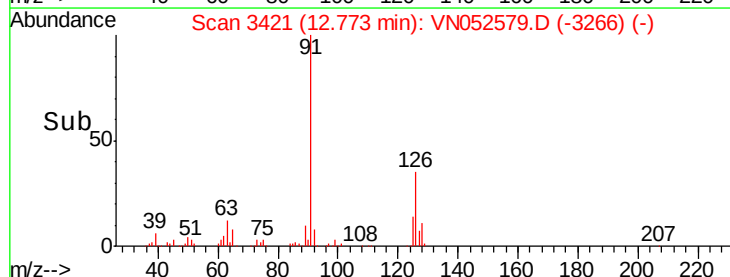
91 100

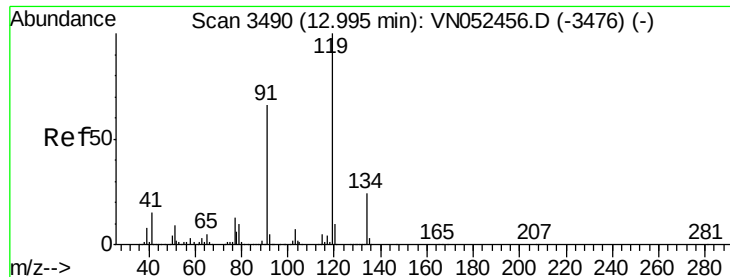
126 34.7 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

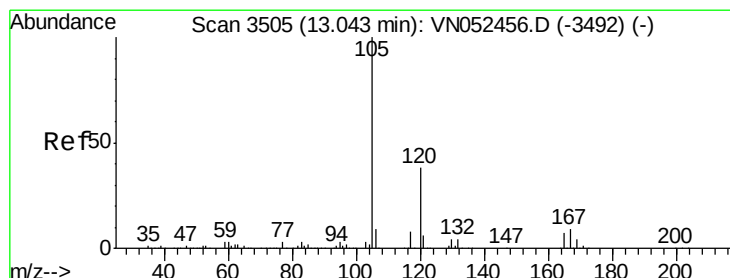
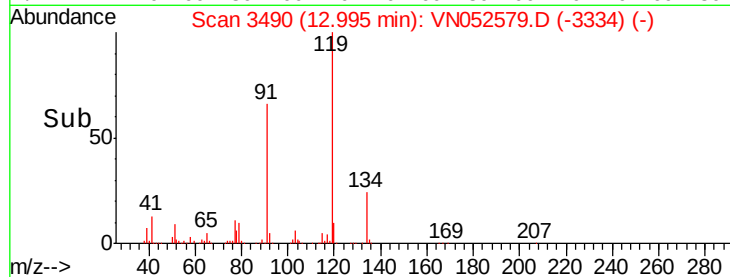
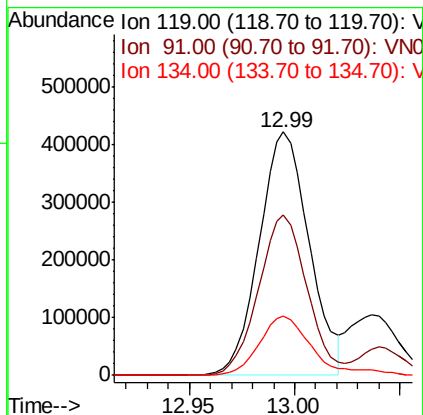
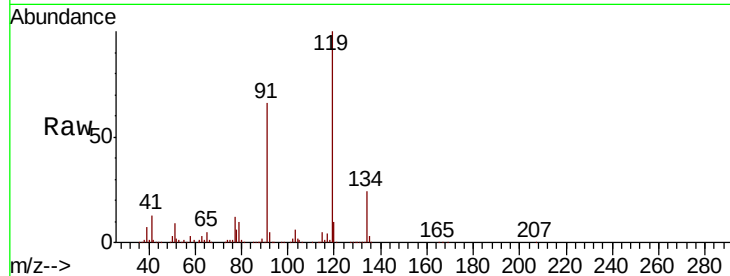




#79
tert-butylbenzene
Concen: 19.908 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

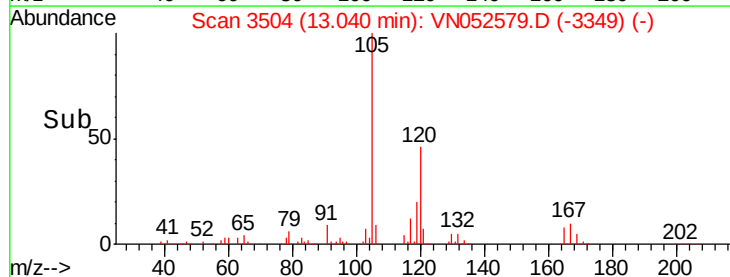
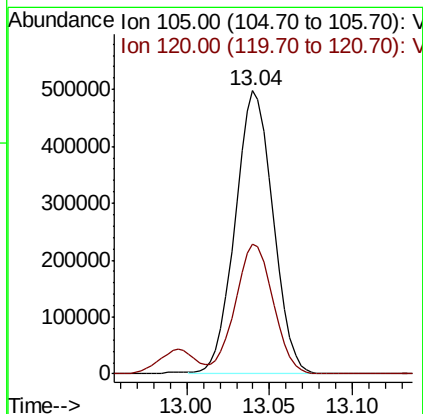
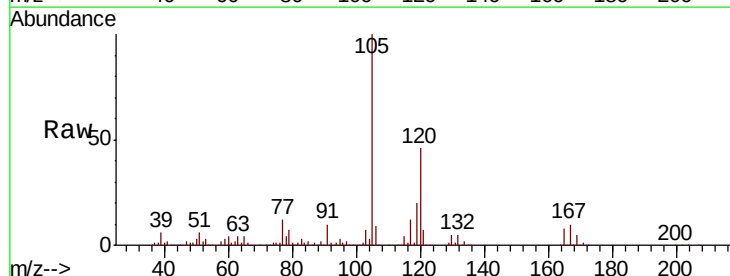
Instrument :
MSVOA_N
ClientSampled :
BFB

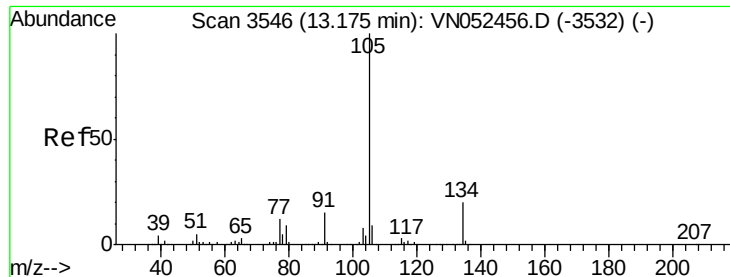
Tot Ion:119 Resp: 696157
Ion Ratio Lower Upper
119 100
91 64.0 0.0 129.8
134 25.9 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 19.646 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052579.D
Acq: 29 Nov 2018 21:58

Tgt Ion:105 Resp: 789331
Ion Ratio Lower Upper
105 100
120 46.0 0.0 91.0





#81

sec-Butylbenzene

Concen: 19.079 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

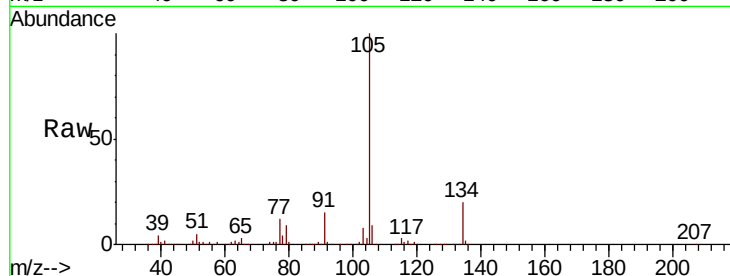
BFB

Tot Ion:105 Resp: 929279

Ion Ratio Lower Upper

105 100

134 20.1 0.0 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

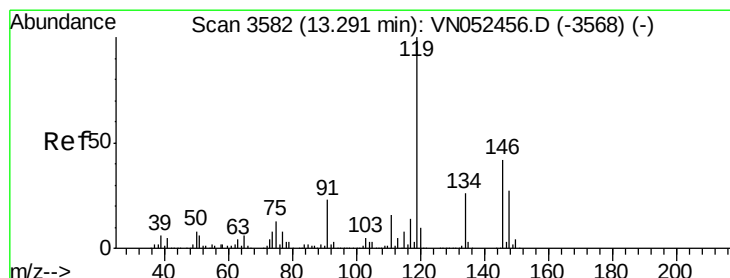
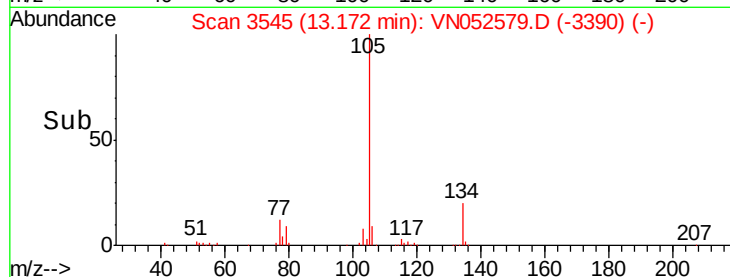
600000

400000

200000

0

Time-->



#82

p-Isopropyltoluene

Concen: 19.237 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

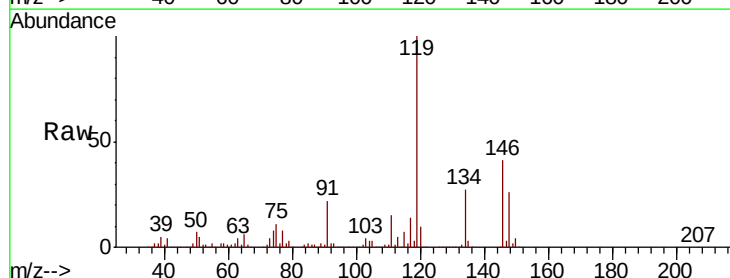
Tgt Ion:119 Resp: 797845

Ion Ratio Lower Upper

119 100

134 26.6 0.0 52.6

91 22.2 0.0 46.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

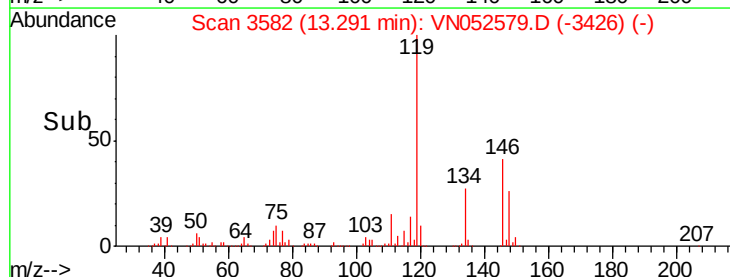
600000

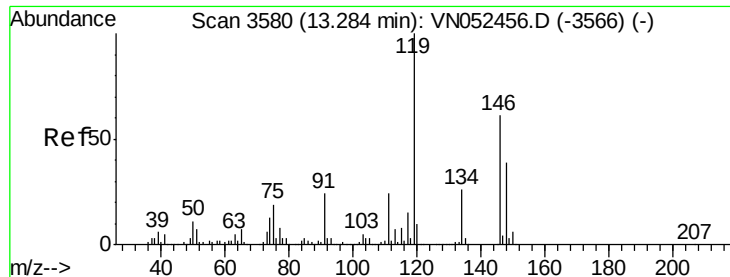
400000

200000

0

Time-->

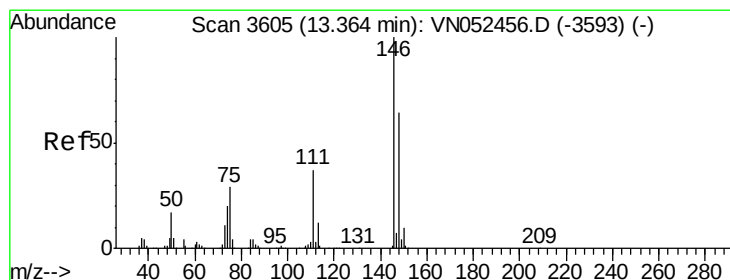
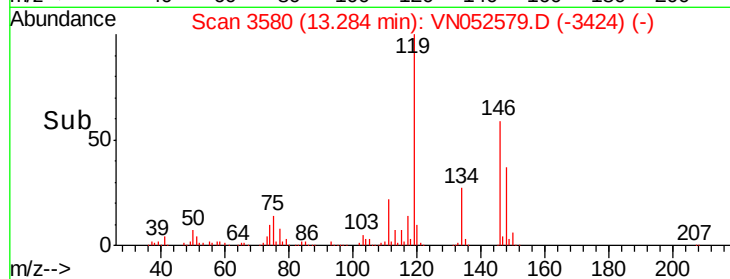
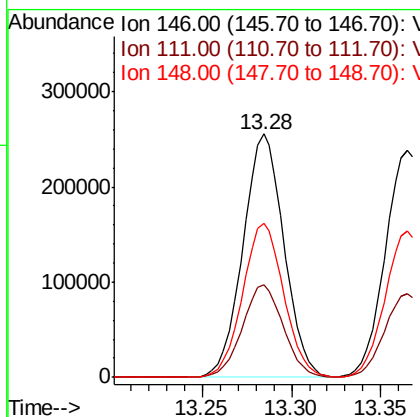
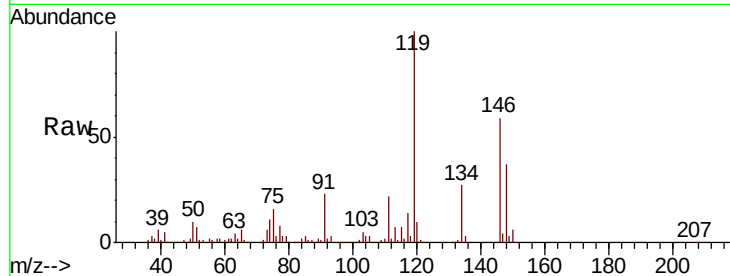




#83
 1,3-Dichlorobenzene
 Concen: 19.416 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

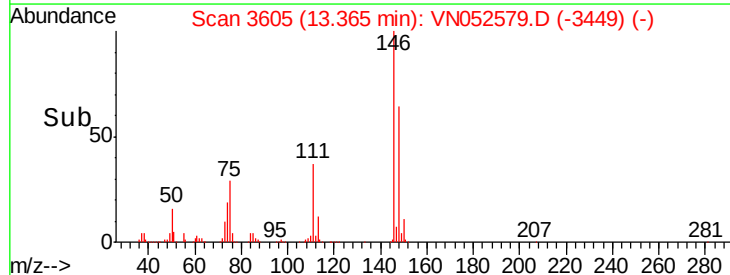
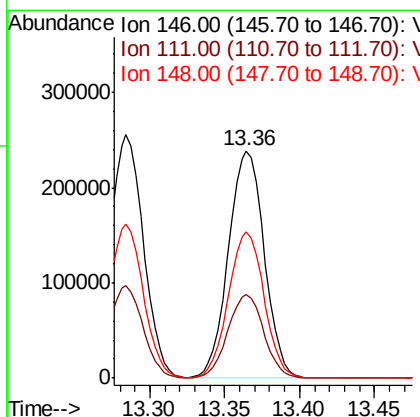
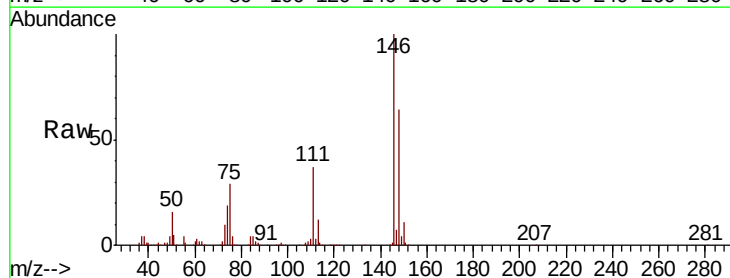
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

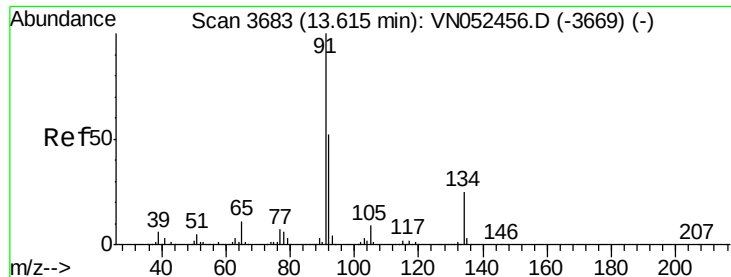
Tot Ion:146 Resp: 410572
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.7 59.0
 148 63.4 32.3 96.8



#84
 1,4-Dichlorobenzene
 Concen: 19.450 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion:146 Resp: 397366
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.3
 148 64.2 32.5 97.4





#85

n-Butylbenzene

Concen: 17.758 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampled :

BFB

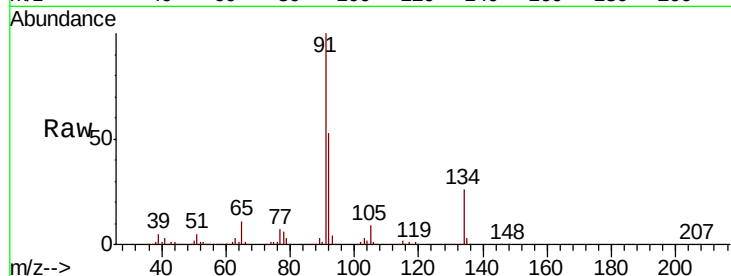
Tot Ion: 91 Resp: 632642

Ion Ratio Lower Upper

91 100

92 52.5 0.0 104.2

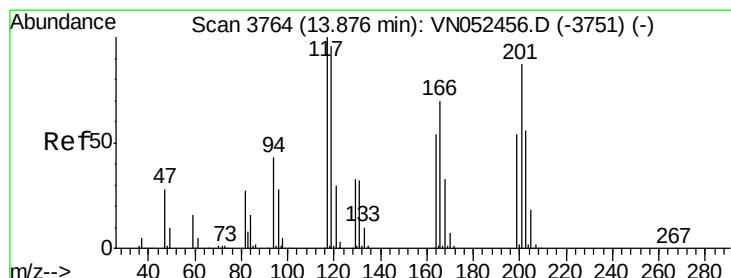
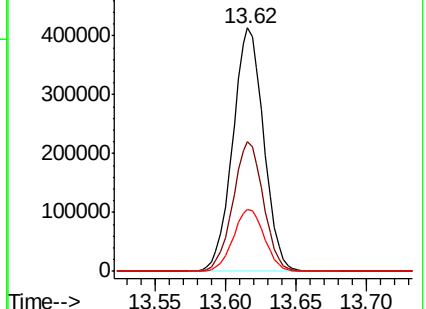
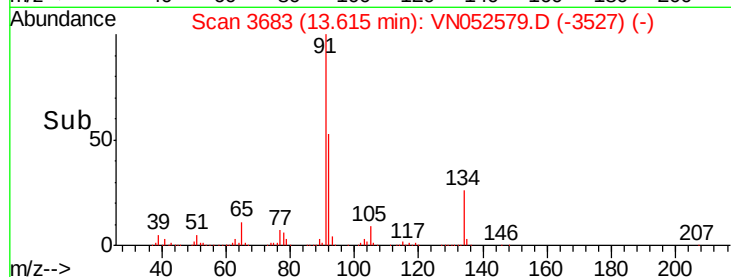
134 25.8 0.0 50.6



Abundance Ion 91.00 (90.70 to 91.70): VN052456.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN052456.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN052456.D (-3669) (-)



#86

Hexachloroethane

Concen: 18.526 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052579.D

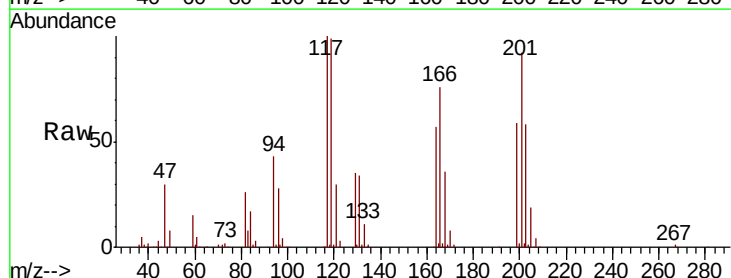
Acq: 29 Nov 2018 21:58

Tgt Ion: 117 Resp: 130187

Ion Ratio Lower Upper

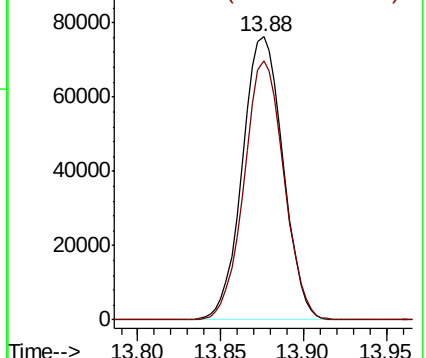
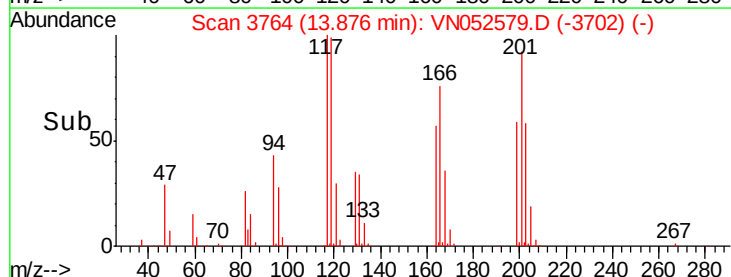
117 100

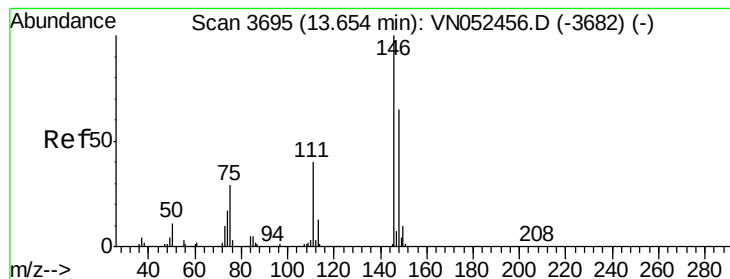
201 89.4 43.8 131.3



Abundance Ion 117.00 (116.70 to 117.70): VN052456.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN052456.D (-3751) (-)





#87

1,2-Dichlorobenzene

Concen: 19.933 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

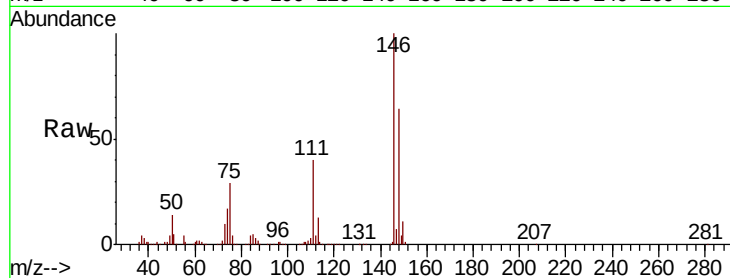
Tot Ion:146 Resp: 401107

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

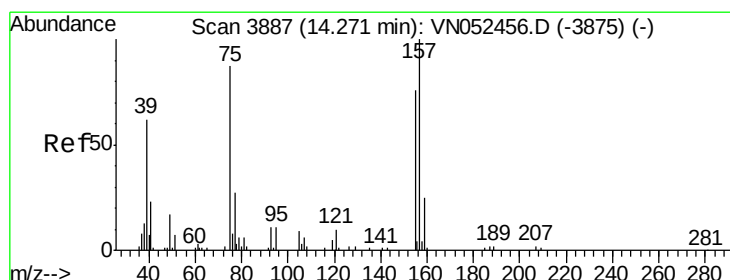
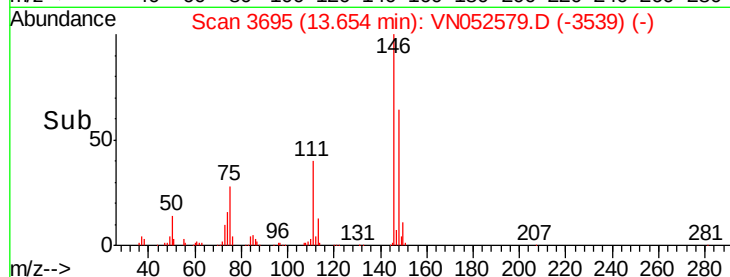
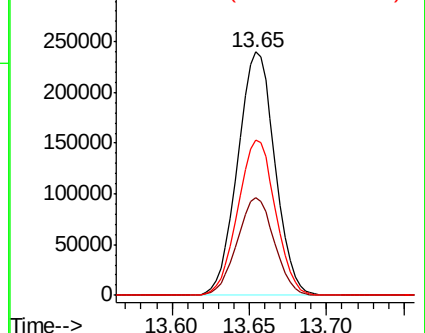
148 64.5 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.225 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

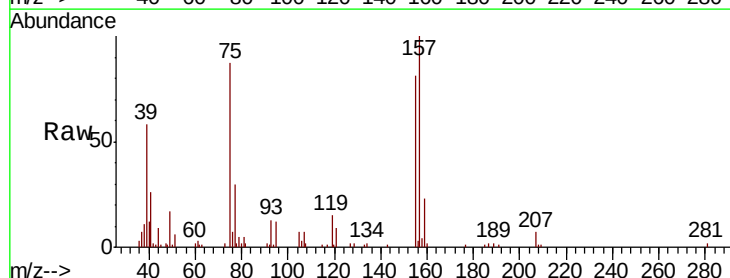
Tgt Ion: 75 Resp: 30636

Ion Ratio Lower Upper

75 100

155 91.6 72.2 108.2

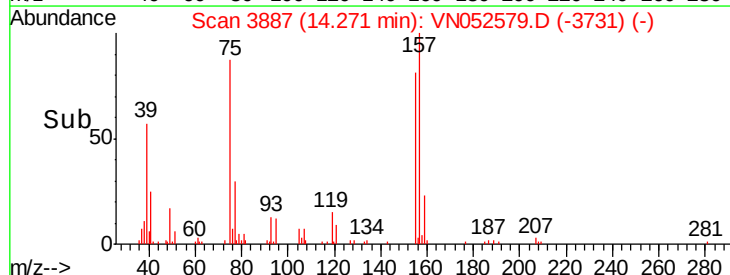
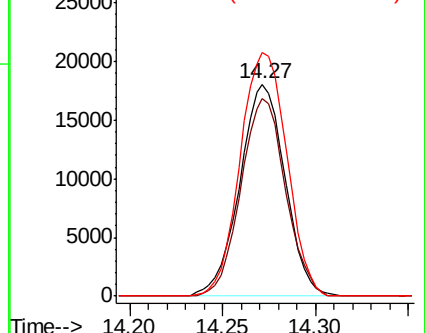
157 118.1 94.2 141.2

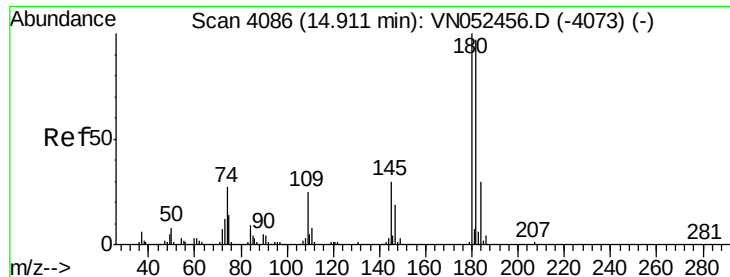


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

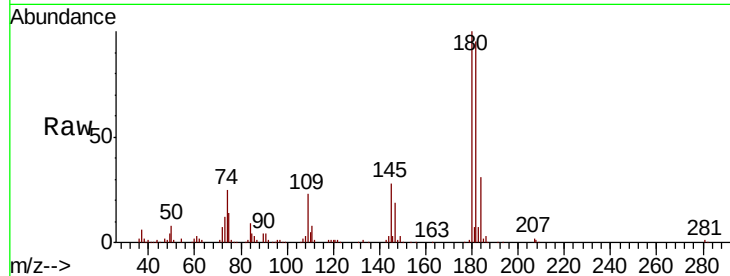




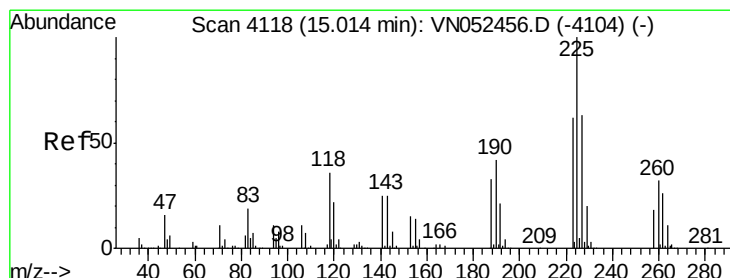
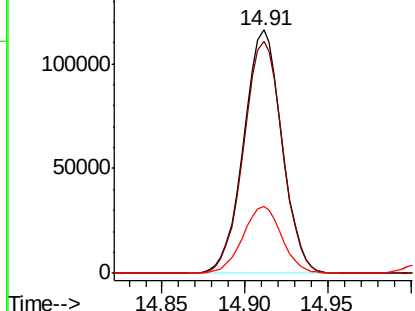
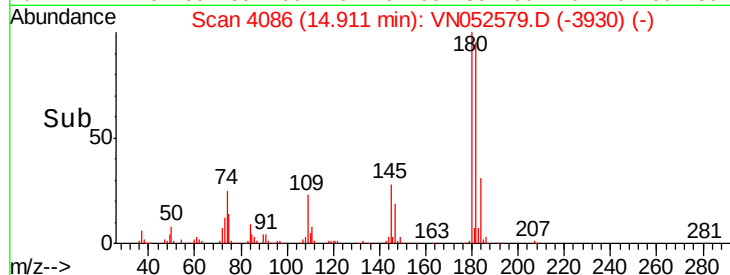
#89
 1,2,4-Trichlorobenzene
 Concen: 18.730 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 185689
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.6 114.8
 145 28.0 23.6 35.4

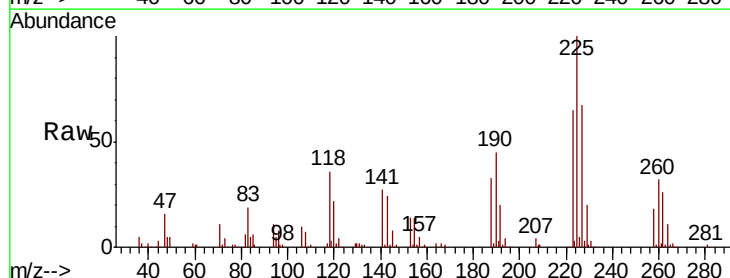


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

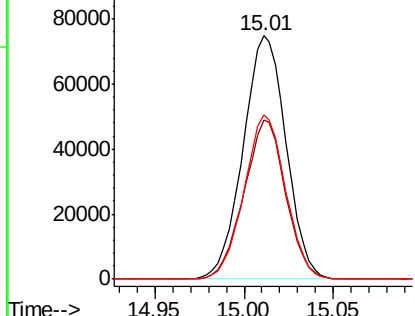
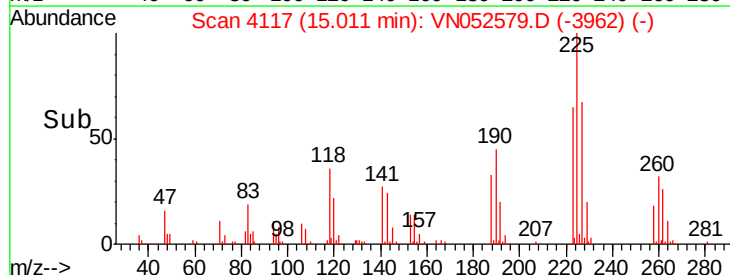


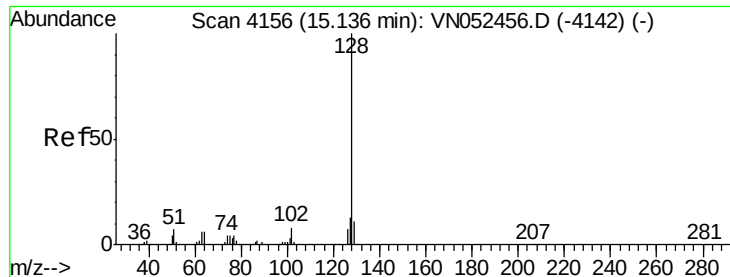
#90
 Hexachlorobutadiene
 Concen: 19.359 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052579.D
 Acq: 29 Nov 2018 21:58

Tgt Ion:225 Resp: 125900
 Ion Ratio Lower Upper
 225 100
 223 63.2 0.0 125.6
 227 64.9 0.0 127.8



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.752 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

Instrument :

MSVOA_N

ClientSampleId :

BFB

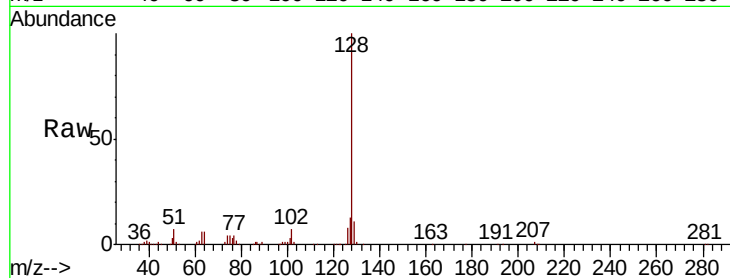
Tot Ion:128 Resp: 395448

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

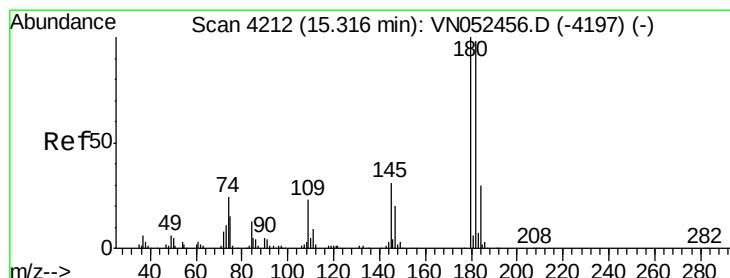
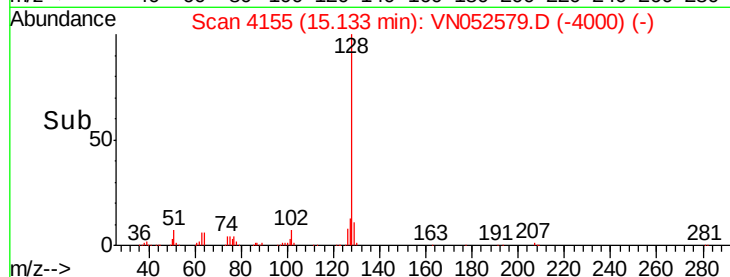
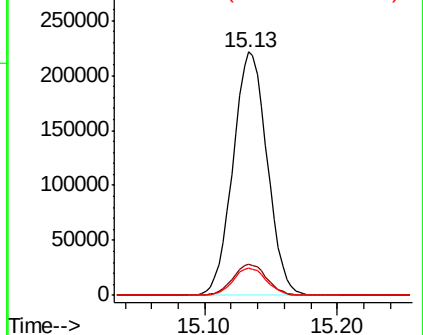
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.593 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052579.D

Acq: 29 Nov 2018 21:58

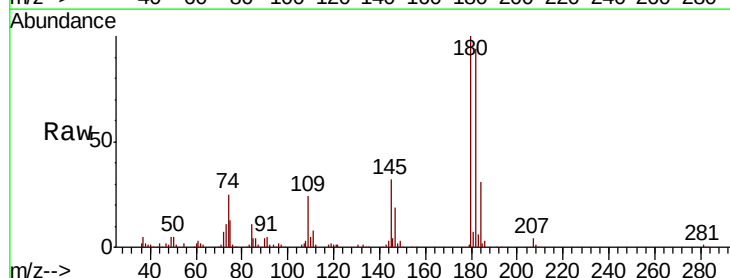
Tgt Ion:180 Resp: 179013

Ion Ratio Lower Upper

180 100

182 95.2 0.0 196.2

145 31.3 0.0 62.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

