

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN052918\
 Data File : VN048687.D
 Acq On : 29 May 2018 10:48
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: May 29 12:30:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N052918W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 29 12:30:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	296570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	442571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	378691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	4465	0.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.58%	
35) Dibromofluoromethane	7.58	113	3293	0.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.42%	
50) Toluene-d8	10.09	98	12147	0.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.40%	
62) 4-Bromofluorobenzene	12.41	95	4566	0.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	4312	0.92	ug/l	99
3) Chloromethane	2.06	50	7432	1.17	ug/l	96
4) Vinyl Chloride	2.18	62	4515	0.84	ug/l	98
5) Bromomethane	2.57	94	2368	0.75	ug/l #	65
6) Chloroethane	2.71	64	2364	0.78	ug/l #	84
7) Trichlorofluoromethane	3.02	101	6424	0.89	ug/l	96
8) Diethyl Ether	3.41	74	2216	0.79	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.74	101	3827	0.83	ug/l	97
10) Methyl Iodide	3.95	142	3672	0.54	ug/l #	94
11) Tert butyl alcohol	4.82	59	504	0.97	ug/l #	73
12) 1,1-Dichloroethene	3.73	96	3926	0.93	ug/l	98
13) Acrolein	3.61	56	2225	3.34	ug/l	97
14) Allyl chloride	4.31	41	6782	0.83	ug/l #	51
15) Acrylonitrile	5.00	53	5503	2.61	ug/l #	91
16) Acetone	3.82	43	7698	3.77	ug/l	94
17) Carbon Disulfide	4.05	76	13463	0.98	ug/l	99
18) Methyl Acetate	4.34	43	4929	0.83	ug/l #	75
19) Methyl tert-butyl Ether	5.05	73	9411	0.73	ug/l	94
20) Methylene Chloride	4.55	84	2933	0.55	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	4000	0.87	ug/l #	73
22) Diisopropyl ether	5.95	45	11891	0.77	ug/l #	80
23) Vinyl Acetate	5.90	43	38907	3.51	ug/l	99
24) 1,1-Dichloroethane	5.85	63	7541	0.84	ug/l #	95
25) 2-Butanone	6.84	43	7646	2.81	ug/l	94
26) 2,2-Dichloropropane	6.83	77	6602	0.90	ug/l	80
27) cis-1,2-Dichloroethene	6.82	96	4150	0.80	ug/l	87
28) Bromochloromethane	7.19	49	1507	0.47	ug/l #	78
29) Tetrahydrofuran	7.21	42	5359	3.10	ug/l #	74
30) Chloroform	7.37	83	7222	0.83	ug/l	84
31) Cyclohexane	7.66	56	12033	1.32	ug/l #	44
32) 1,1,1-Trichloroethane	7.57	97	6078	0.80	ug/l #	49
36) 1,1-Dichloropropene	7.79	75	5650	0.87	ug/l	97
37) Ethyl Acetate	6.94	43	2254	0.42	ug/l #	84
38) Carbon Tetrachloride	7.77	117	5780	0.86	ug/l	94

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 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N052918W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 29 12:30:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	5496	0.76	ug/l	93
40) Benzene	8.04	78	15734	0.81	ug/l	95
41) Methacrylonitrile	7.19	41	2003	0.70	ug/l #	21
42) 1,2-Dichloroethane	8.12	62	2824	0.44	ug/l	96
43) Isopropyl Acetate	8.16	43	5790	0.62	ug/l #	84
44) Trichloroethene	8.83	130	3984	0.81	ug/l	97
45) 1,2-Dichloropropane	9.12	63	4093	0.77	ug/l	92
46) Dibromomethane	9.21	93	2365	0.73	ug/l	95
47) Bromodichloromethane	9.40	83	5607	0.85	ug/l	92
48) Methyl methacrylate	9.20	41	2773	0.61	ug/l	97
49) 1,4-Dioxane	9.20	88	454	7.52	ug/l #	43
51) 4-Methyl-2-Pentanone	9.99	43	14564	2.69	ug/l	94
52) Toluene	10.16	92	8403	0.73	ug/l	87
53) t-1,3-Dichloropropene	10.38	75	4826	0.71	ug/l #	83
54) cis-1,3-Dichloropropene	9.84	75	5731	0.75	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	3166	0.71	ug/l #	88
56) Ethyl methacrylate	10.43	69	3044	0.49	ug/l #	73
57) 1,3-Dichloropropane	10.71	76	5500	0.71	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.70	63	4431	3.73	ug/l	98
59) 2-Hexanone	10.76	43	9720	2.58	ug/l	89
60) Dibromochloromethane	10.90	129	3529	0.70	ug/l	96
61) 1,2-Dibromoethane	11.01	107	3276	0.71	ug/l	95
64) Tetrachloroethene	10.63	164	4021	0.97	ug/l	84
65) Chlorobenzene	11.44	112	9856	0.83	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	3808	0.87	ug/l #	61
67) Ethyl Benzene	11.51	91	16451	0.81	ug/l	97
68) m/p-Xylenes	11.62	106	11569	1.55	ug/l	95
69) o-Xylene	11.95	106	5359	0.73	ug/l	99
70) Styrene	11.97	104	8026	0.69	ug/l	97
71) Bromoform	12.13	173	2216	0.67	ug/l #	96
73) Isopropylbenzene	12.25	105	13885	0.85	ug/l	100
74) N-amyl acetate	12.08	43	3894	0.66	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.51	83	3800	0.76	ug/l	92
76) 1,2,3-Trichloropropane	12.55	75	4491	1.20	ug/l #	100
77) Bromobenzene	12.53	156	3627	0.91	ug/l	93
78) n-propylbenzene	12.59	91	15347	0.82	ug/l	99
79) 2-Chlorotoluene	12.68	91	9686	0.85	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	10373	0.78	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	984	0.79	ug/l #	70
82) 4-Chlorotoluene	12.78	91	9313	0.84	ug/l	93
83) tert-Butylbenzene	12.99	119	10099	0.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	9487	0.72	ug/l	99
85) sec-Butylbenzene	13.17	105	12048	0.78	ug/l	99
86) p-Isopropyltoluene	13.29	119	9828	0.75	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5825	0.86	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	5825	0.86	ug/l	97
89) n-Butylbenzene	13.62	91	7987	0.79	ug/l	93
90) Hexachloroethane	13.88	117	2789	0.96	ug/l	79
91) 1,2-Dichlorobenzene	13.66	146	6000	0.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	504	0.66	ug/l	74

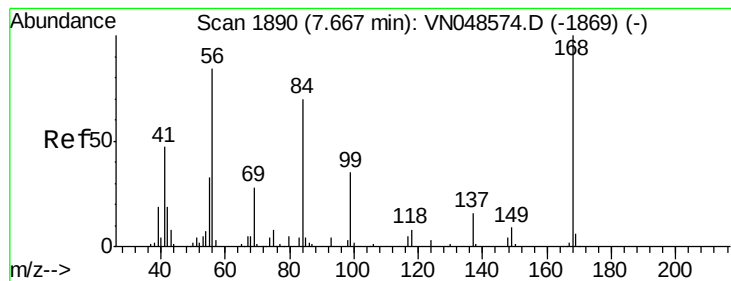
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Quant Title : SW846 8260
QLast Update : Tue May 29 12:30:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1768	0.68	ug/l #	90
94) Hexachlorobutadiene	15.02	225	2382	1.13	ug/l	87
95) Naphthalene	15.14	128	3711	0.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2093	0.76	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

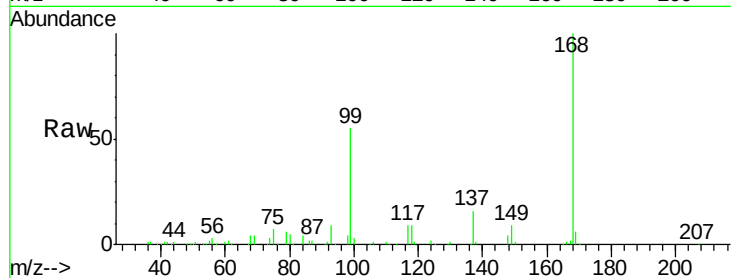
BFB

Tgt Ion:168 Resp: 296570

Ion Ratio Lower Upper

168 100

99 54.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

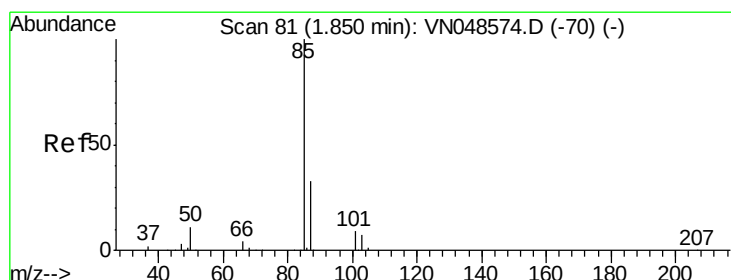
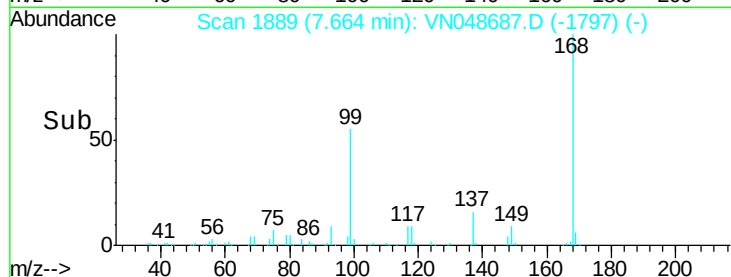
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.92 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN048687.D

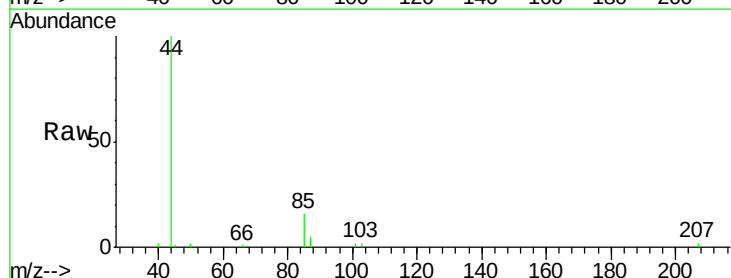
Acq: 29 May 2018 10:48

Tgt Ion: 85 Resp: 4312

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

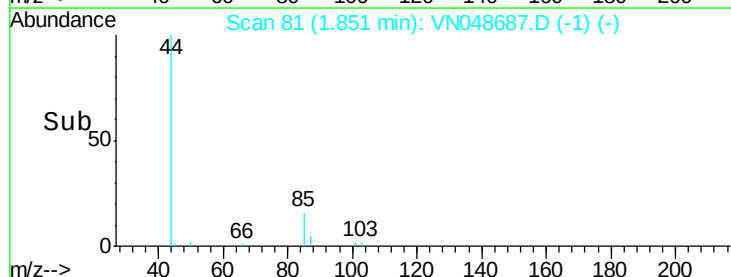
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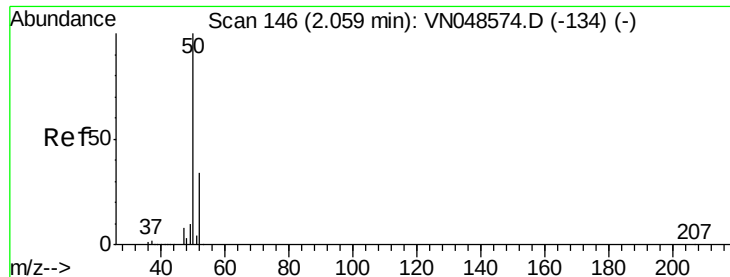
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.17 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

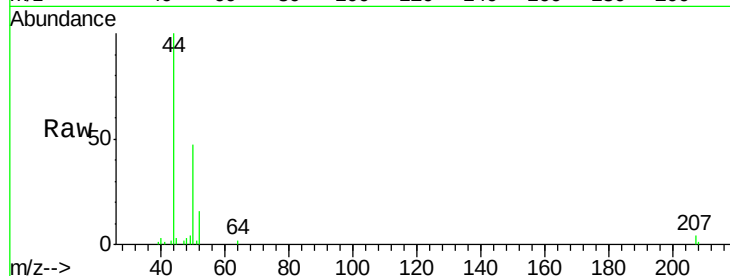
BFB

Tgt Ion: 50 Resp: 7432

Ion Ratio Lower Upper

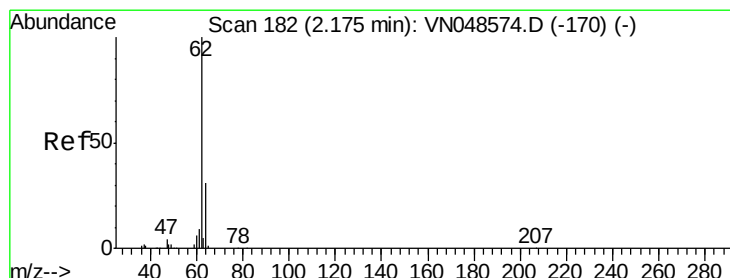
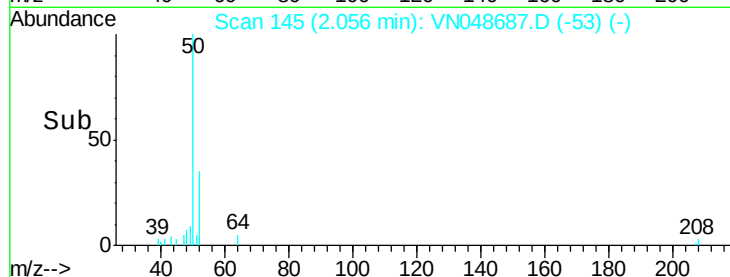
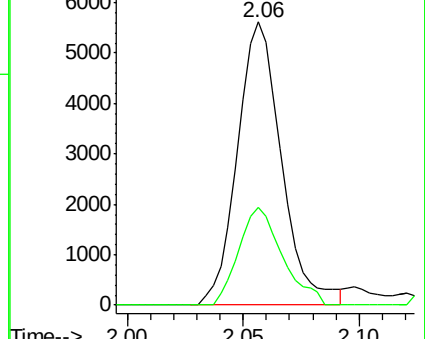
50 100

52 34.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.84 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.01 min

Lab File: VN048687.D

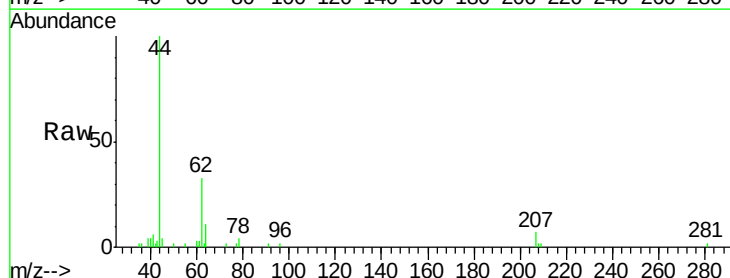
Acq: 29 May 2018 10:48

Tgt Ion: 62 Resp: 4515

Ion Ratio Lower Upper

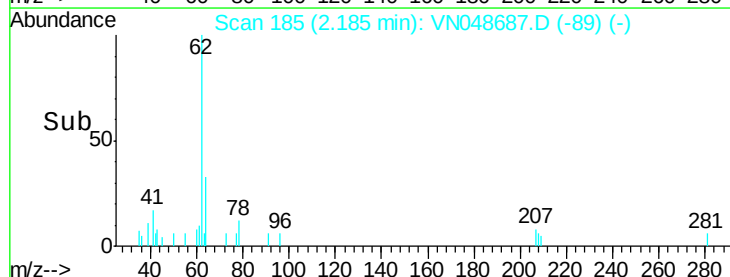
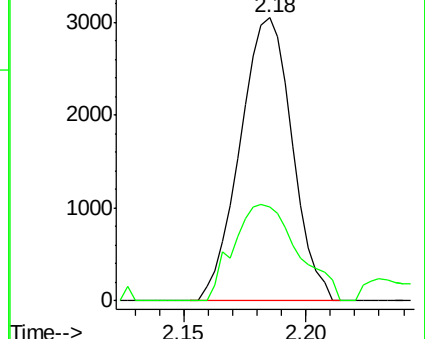
62 100

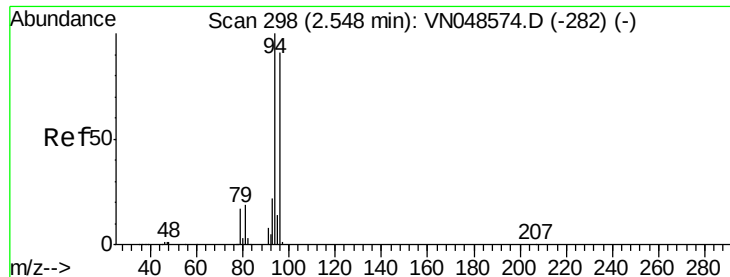
64 33.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 0.75 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

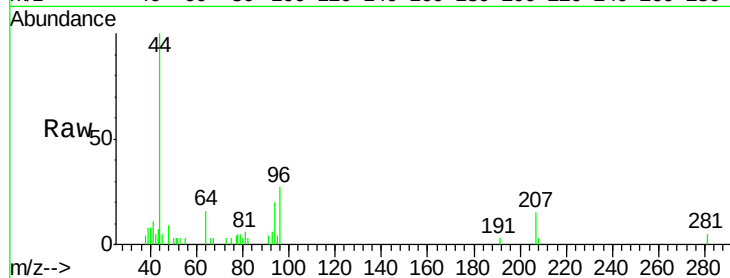
BFB

Tgt Ion: 94 Resp: 2368

Ion Ratio Lower Upper

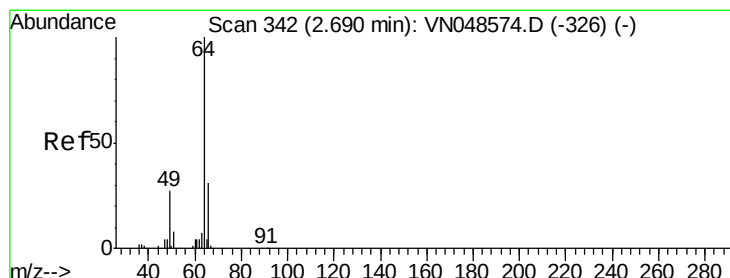
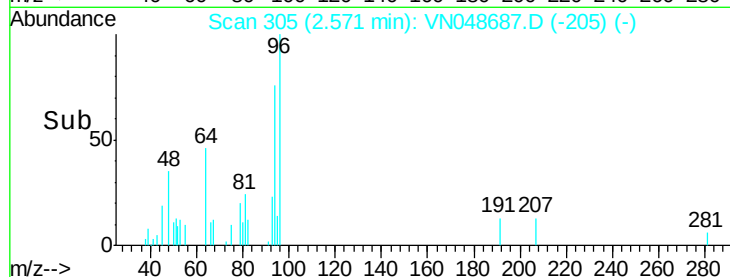
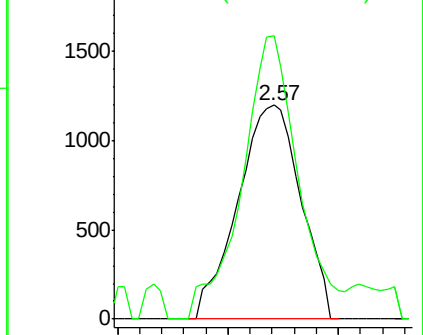
94 100

96 132.1 78.0 117.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.78 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.02 min

Lab File: VN048687.D

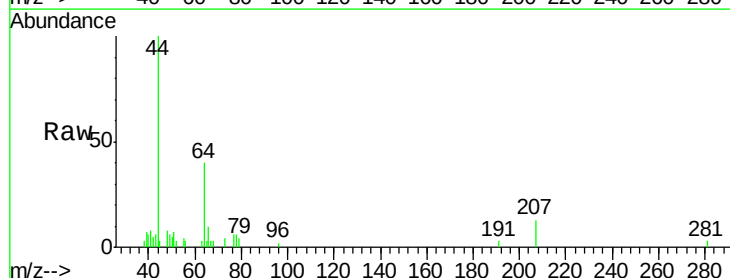
Acq: 29 May 2018 10:48

Tgt Ion: 64 Resp: 2364

Ion Ratio Lower Upper

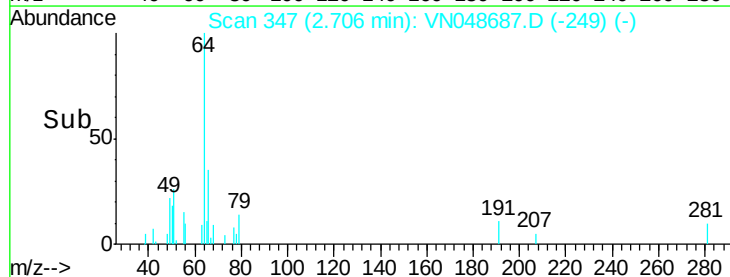
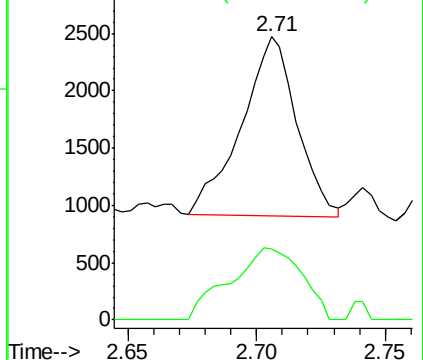
64 100

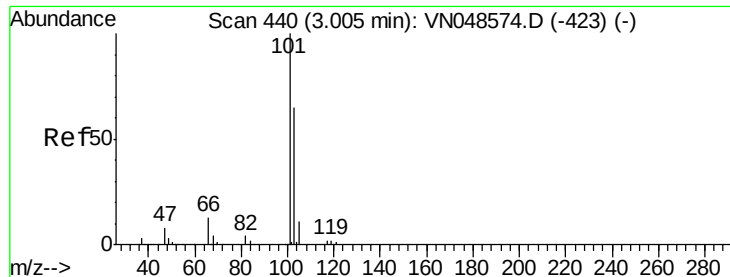
66 39.9 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 0.89 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

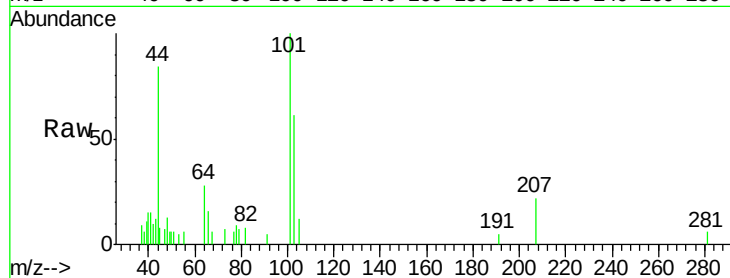
BFB

Tgt Ion:101 Resp: 6424

Ion Ratio Lower Upper

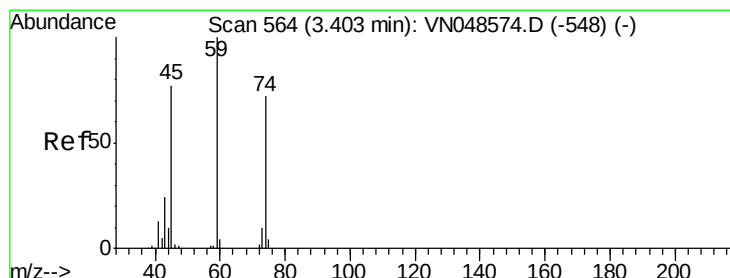
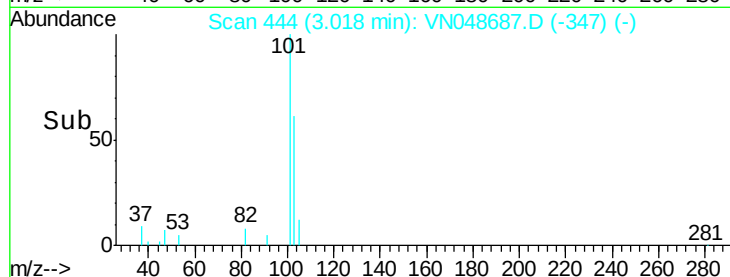
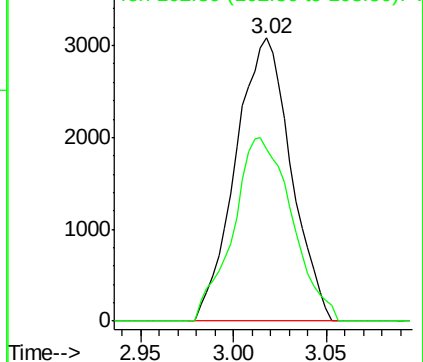
101 100

103 60.7 50.8 76.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.79 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.01 min

Lab File: VN048687.D

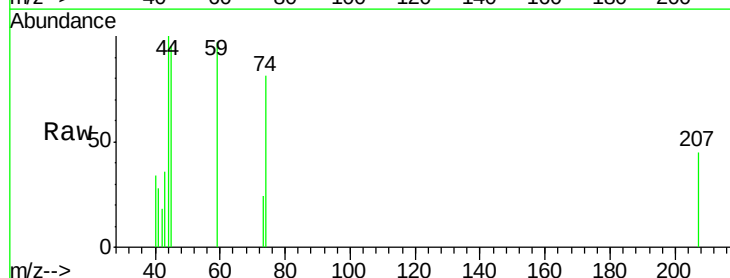
Acq: 29 May 2018 10:48

Tgt Ion: 74 Resp: 2216

Ion Ratio Lower Upper

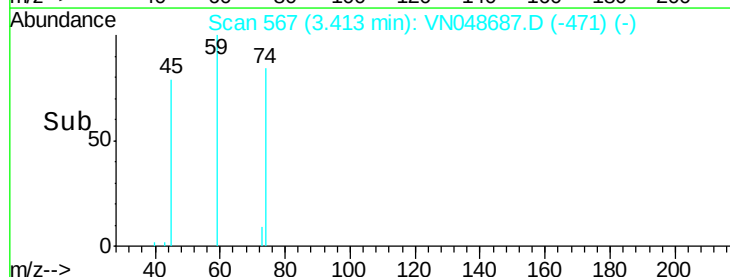
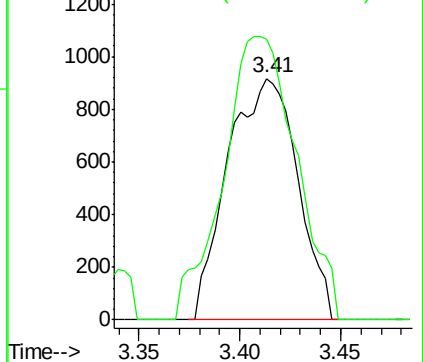
74 100

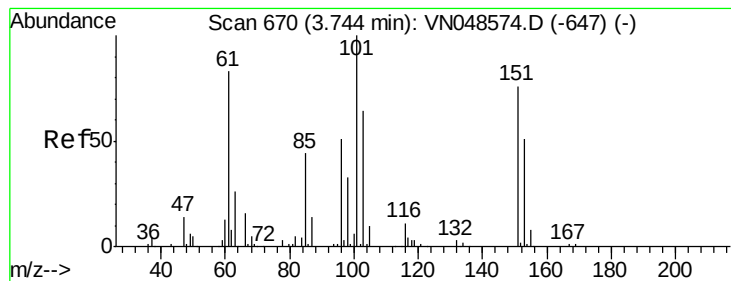
45 122.5 50.0 150.0



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.83 ug/l

RT: 3.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

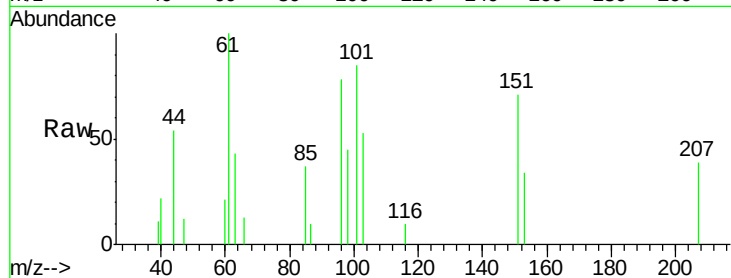
Tgt Ion:101 Resp: 3827

Ion Ratio Lower Upper

101 100

85 40.6 33.3 49.9

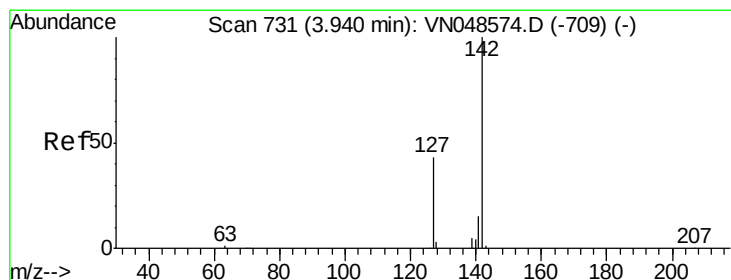
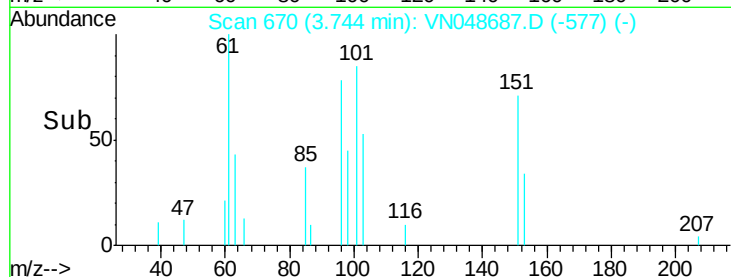
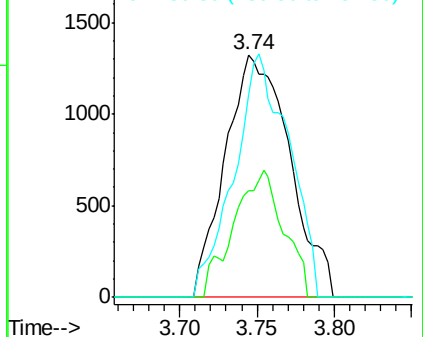
151 86.2 66.5 99.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.54 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

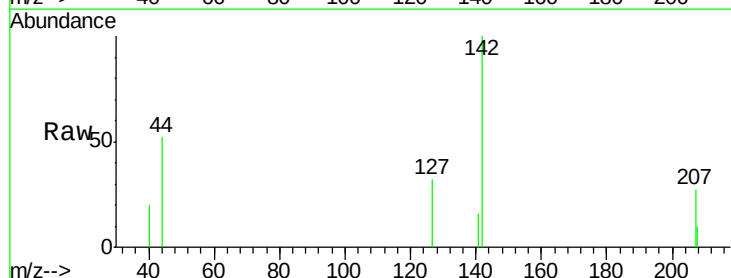
Tgt Ion:142 Resp: 3672

Ion Ratio Lower Upper

142 100

127 43.5 32.5 48.7

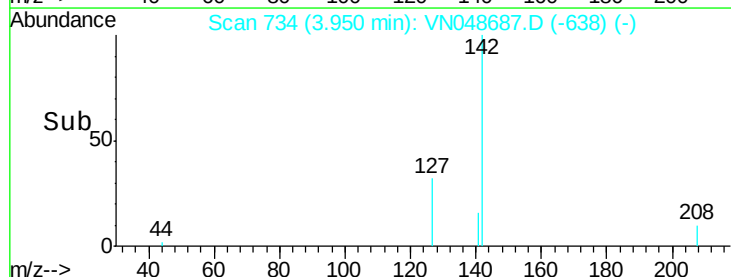
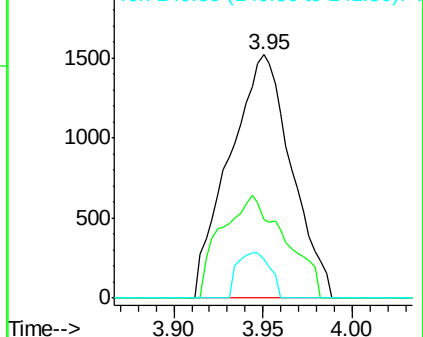
141 9.8 11.3 16.9#

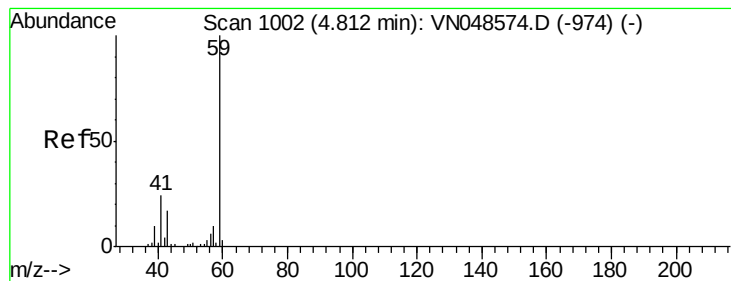


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.97 ug/l

RT: 4.82 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

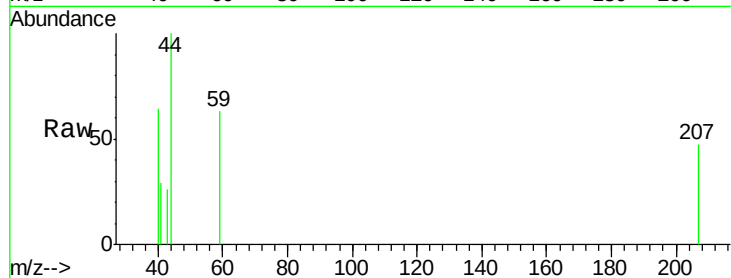
BFB

Tgt Ion: 59 Resp: 504

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.82

4.82

4.82

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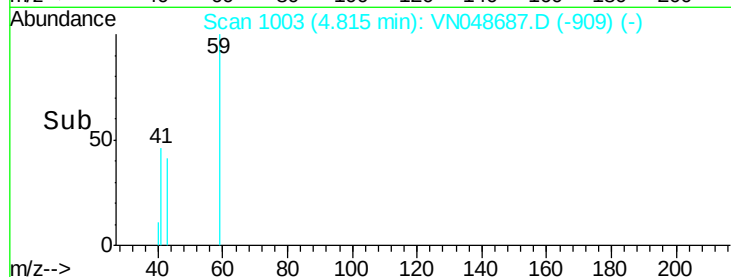
4.82

4.82

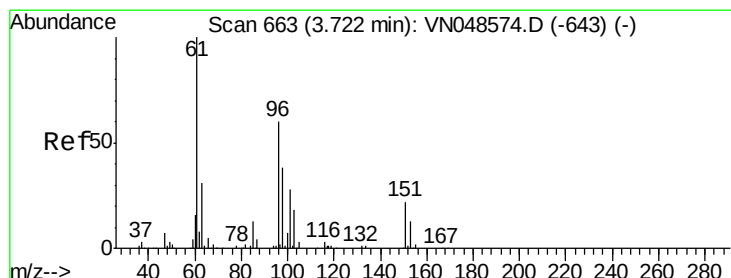
4.82

4.82

4.82



Time-->



#12

1,1-Dichloroethene

Concen: 0.93 ug/l

RT: 3.73 min Scan# 666

Delta R.T. 0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

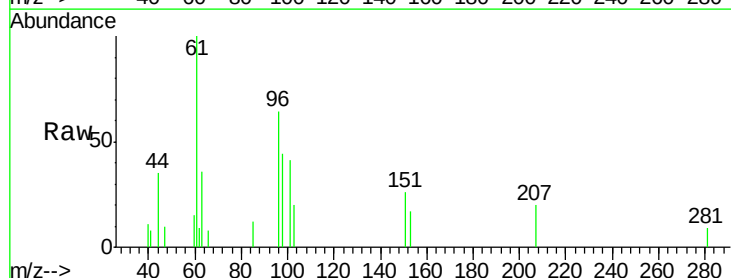
Tgt Ion: 96 Resp: 3926

Ion Ratio Lower Upper

96 100

61 157.4 125.6 188.4

98 68.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

3.73

3.73

3.73

3.73

3.73

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3.73

3.73

3.73

3.73

3.73

3.73

3.73

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3.73

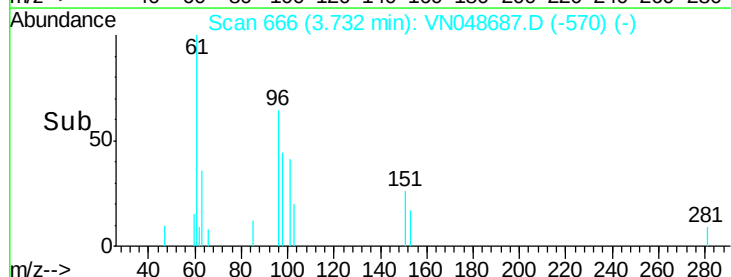
3.73

3.73

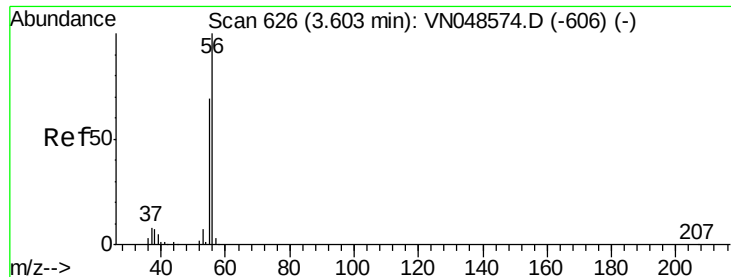
3.73

3.73

3.73



Time-->



#13

Acrolein

Concen: 3.34 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

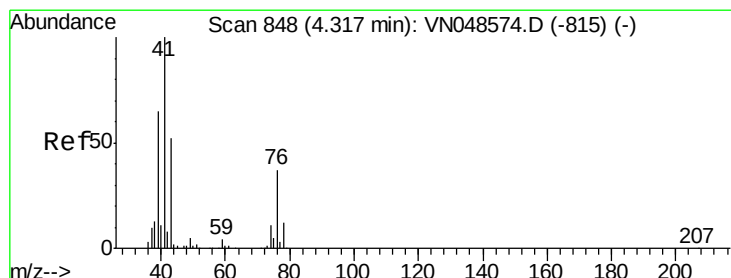
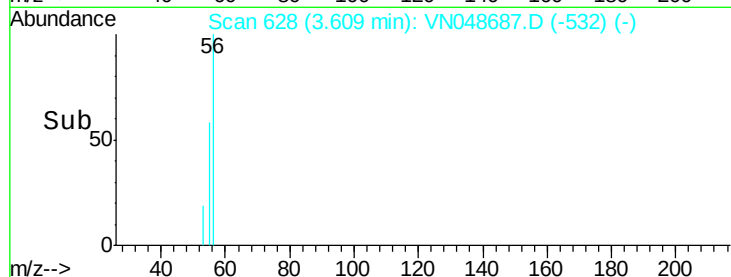
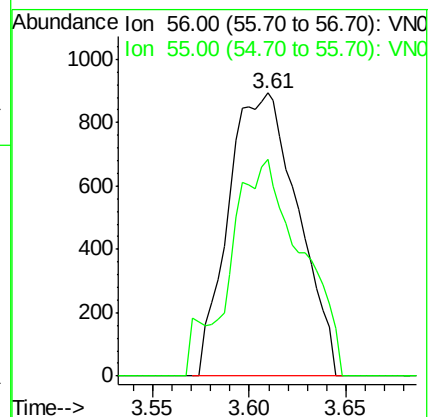
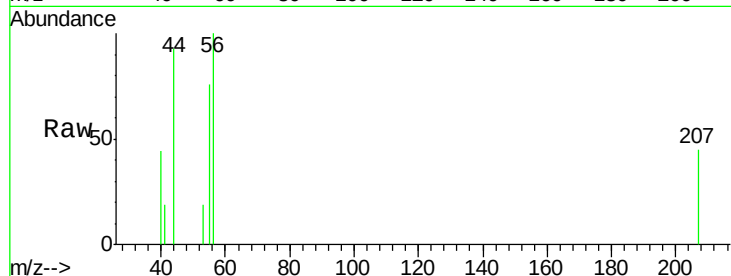
BFB

Tgt Ion: 56 Resp: 2225

Ion Ratio Lower Upper

56 100

55 73.9 57.1 85.7



#14

Allyl chloride

Concen: 0.83 ug/l

RT: 4.31 min Scan# 847

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

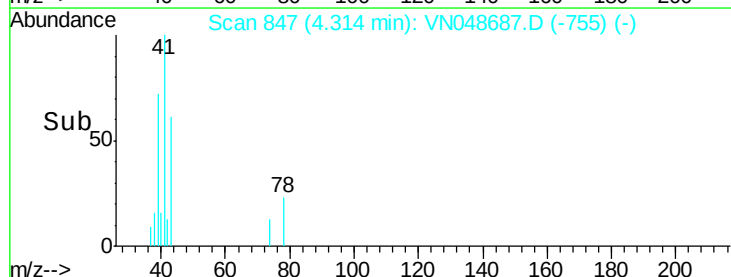
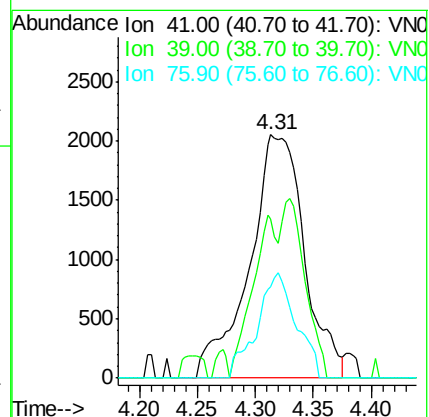
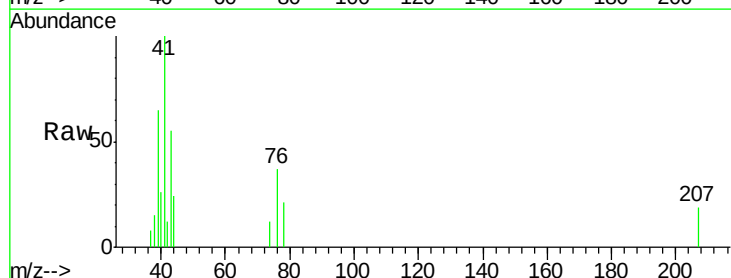
Tgt Ion: 41 Resp: 6782

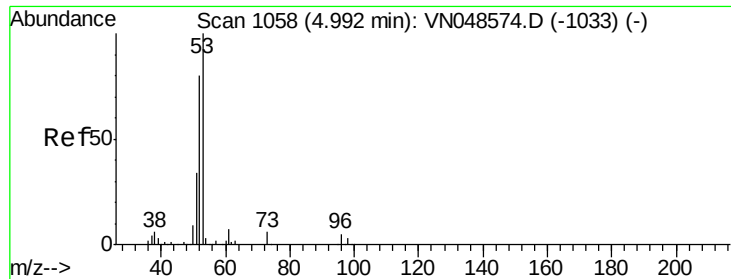
Ion Ratio Lower Upper

41 100

39 31.1 51.1 76.7#

76 0.0 28.2 42.2#





#15

Acrylonitrile

Concen: 2.61 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

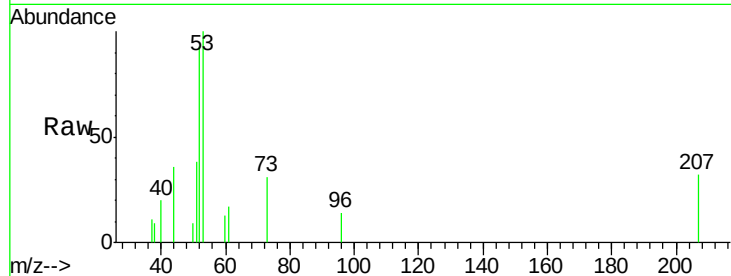
Tgt Ion: 53 Resp: 5503

Ion Ratio Lower Upper

53 100

52 79.0 65.5 98.3

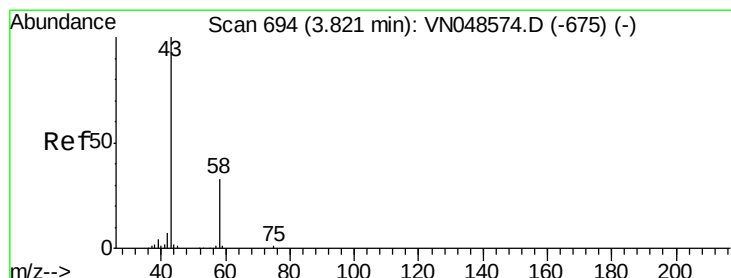
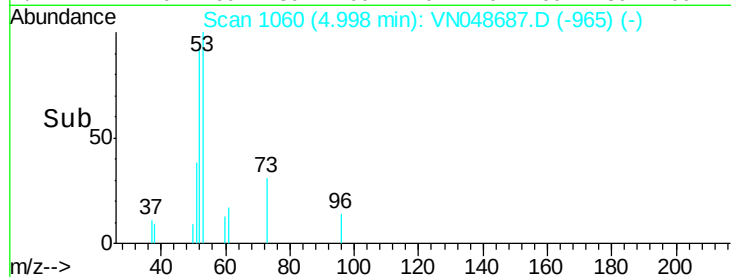
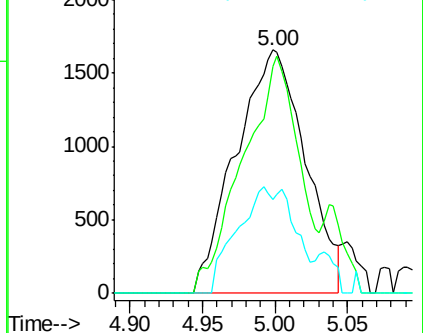
51 22.6 28.8 43.2#



Abundance Ion 53.00 (52.70 to 53.70): VN048687.D (-1060) (-)

Ion 52.00 (51.70 to 52.70): VN048687.D (-1060) (-)

Ion 51.00 (50.70 to 51.70): VN048687.D (-1060) (-)



#16

Acetone

Concen: 3.77 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN048687.D

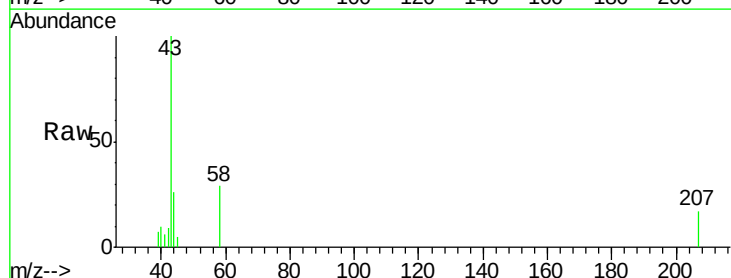
Acq: 29 May 2018 10:48

Tgt Ion: 43 Resp: 7698

Ion Ratio Lower Upper

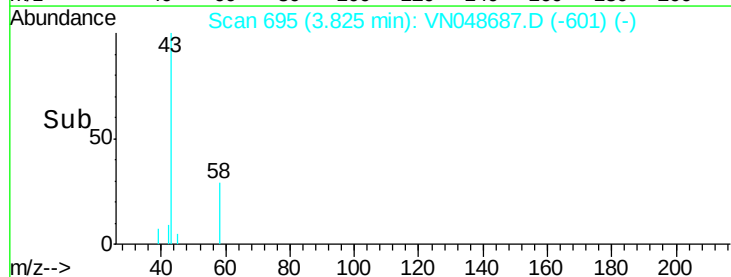
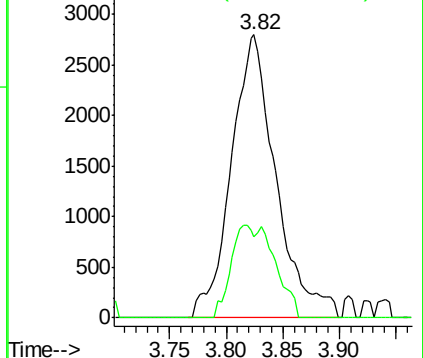
43 100

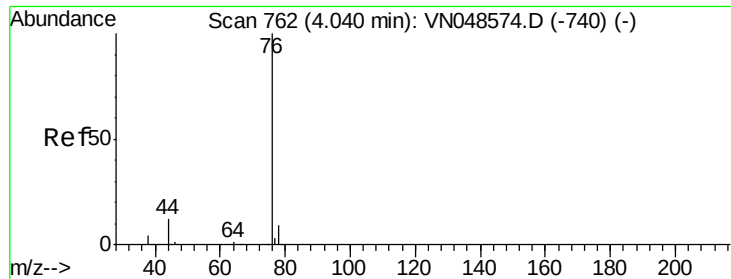
58 28.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN048687.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN048687.D (-601) (-)





#17

Carbon Disulfide

Concen: 0.98 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

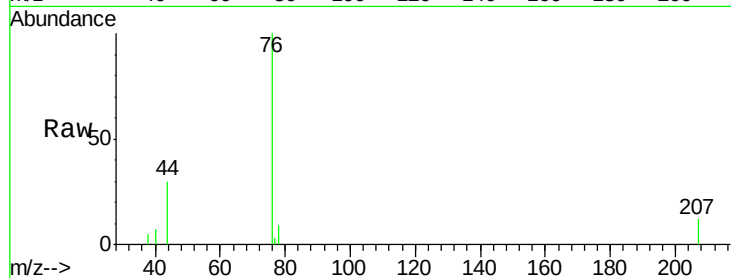
BFB

Tgt Ion: 76 Resp: 13463

Ion Ratio Lower Upper

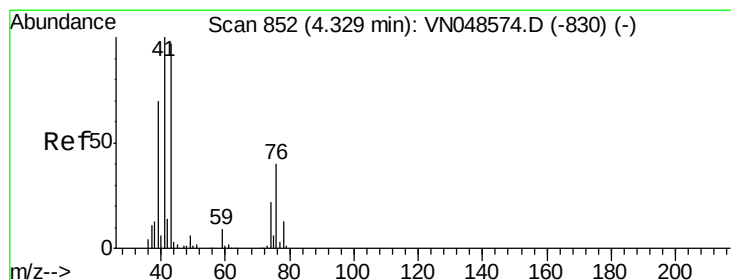
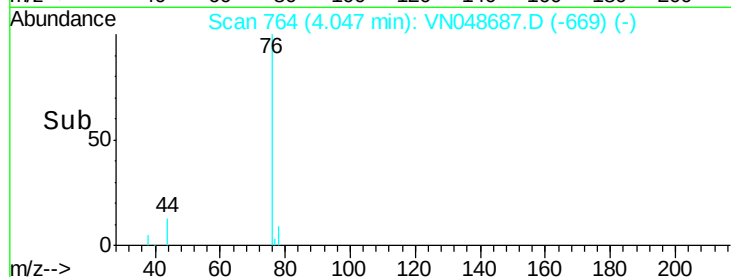
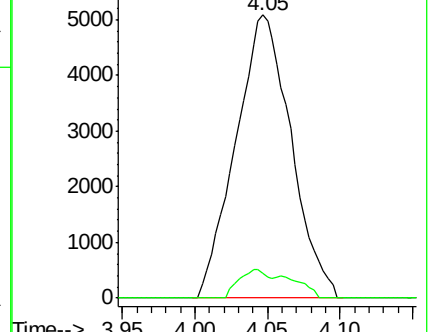
76 100

78 8.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN048574.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN048574.D (-740) (-)



#18

Methyl Acetate

Concen: 0.83 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN048687.D

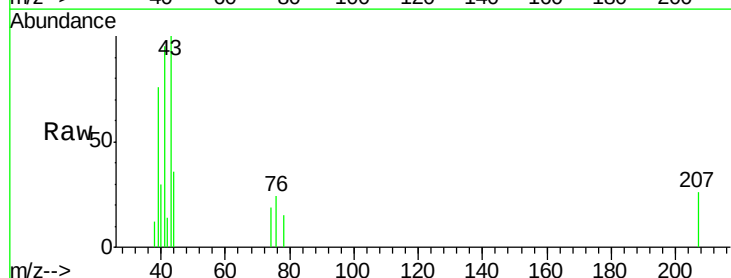
Acq: 29 May 2018 10:48

Tgt Ion: 43 Resp: 4929

Ion Ratio Lower Upper

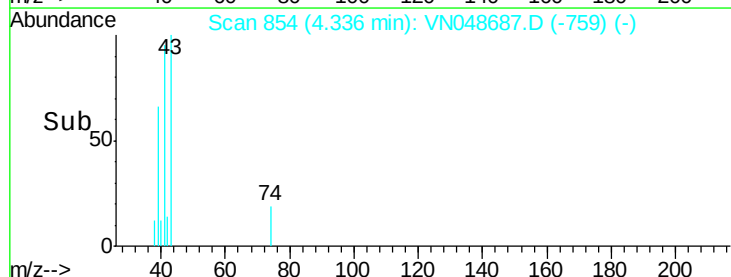
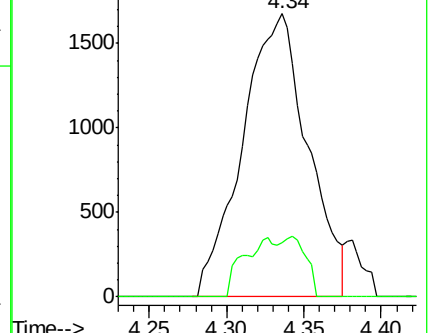
43 100

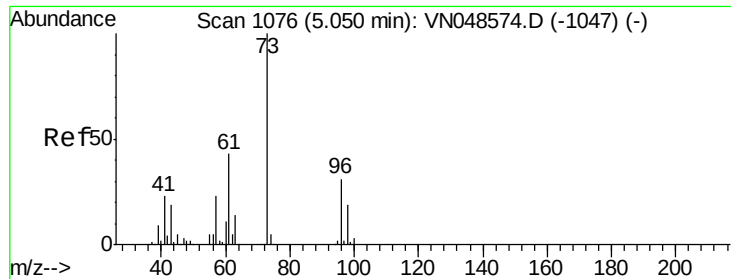
74 10.7 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VN048574.D (-830) (-)

Ion 74.00 (73.70 to 74.70): VN048574.D (-830) (-)

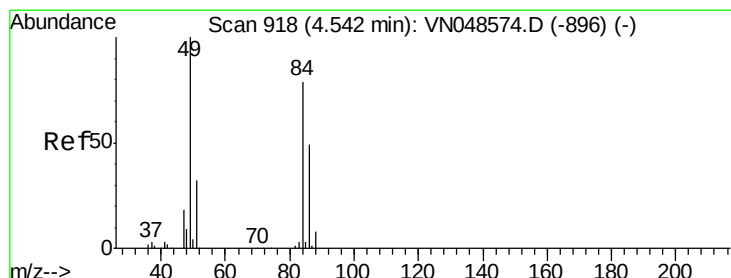
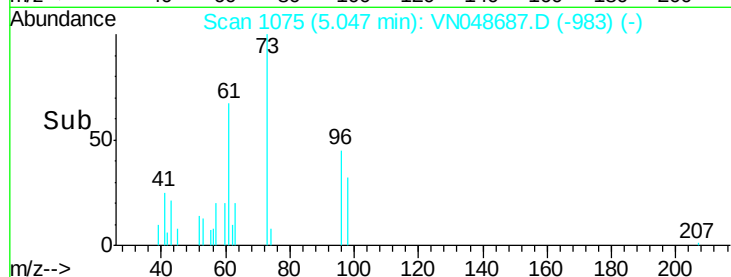
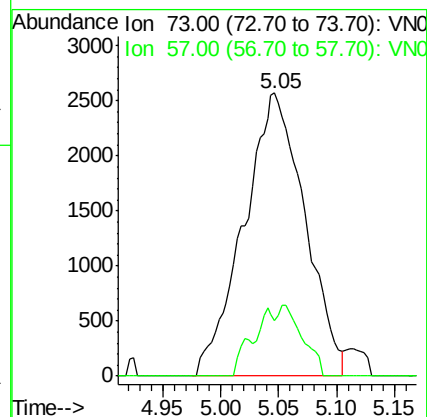
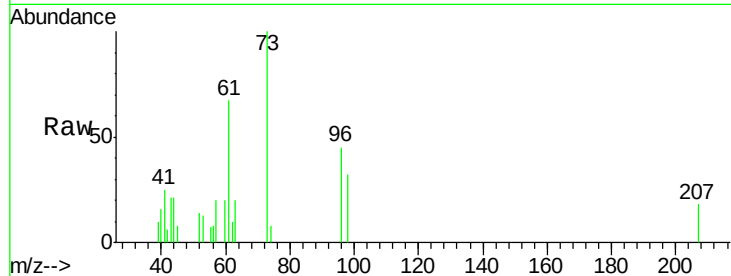




#19
Methyl tert-butyl Ether
Concen: 0.73 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

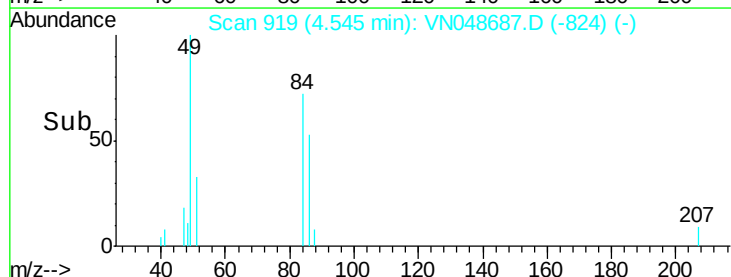
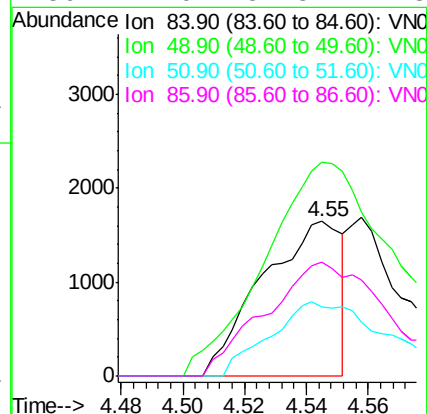
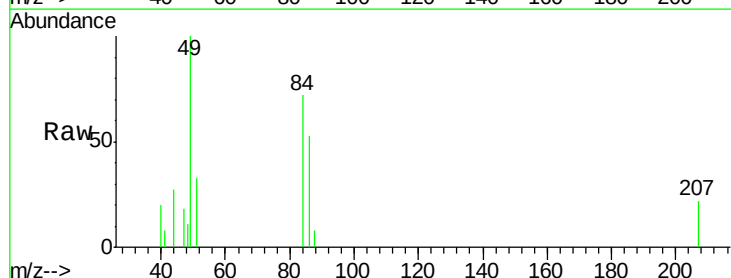
Instrument :
MSVOA_X
ClientSampleId :
BFB

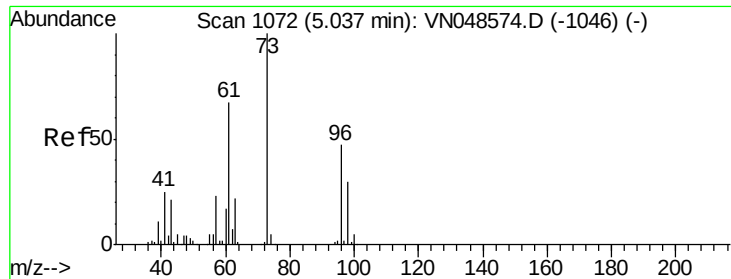
Tgt Ion: 73 Resp: 9411
Ion Ratio Lower Upper
73 100
57 19.6 18.0 27.0



#20
Methylene Chloride
Concen: 0.55 ug/l
RT: 4.55 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion: 84 Resp: 2933
Ion Ratio Lower Upper
84 100
49 125.7 97.7 146.5
51 45.1 30.4 45.6
86 74.0 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 0.87 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

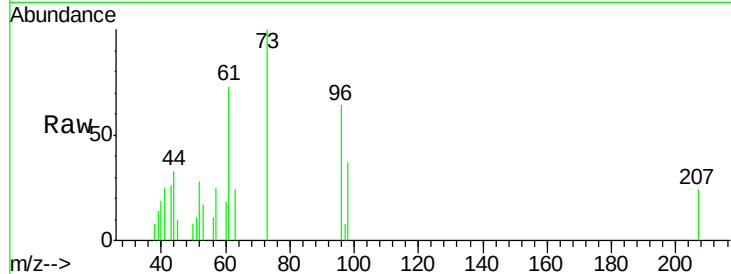
Tgt Ion: 96 Resp: 4000

Ion Ratio Lower Upper

96 100

61 96.3 112.2 168.2#

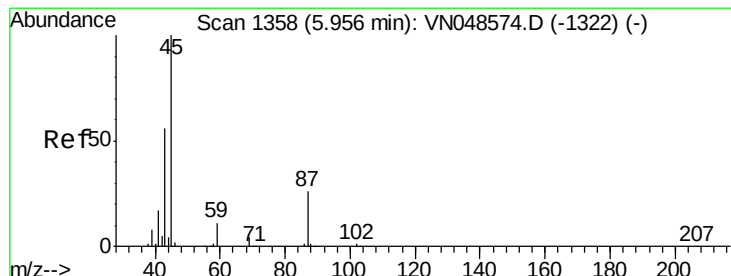
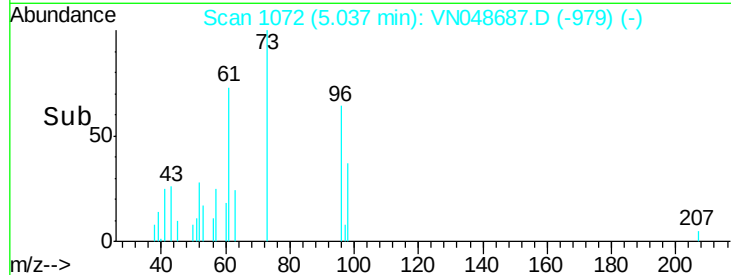
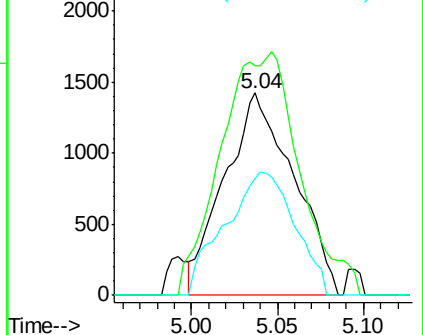
98 58.1 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 0.77 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Tgt Ion: 45 Resp: 11891

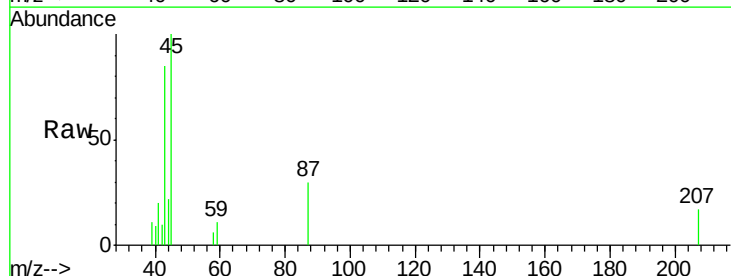
Ion Ratio Lower Upper

45 100

43 76.7 43.8 65.8#

87 30.4 21.8 32.6

59 11.5 9.2 13.8

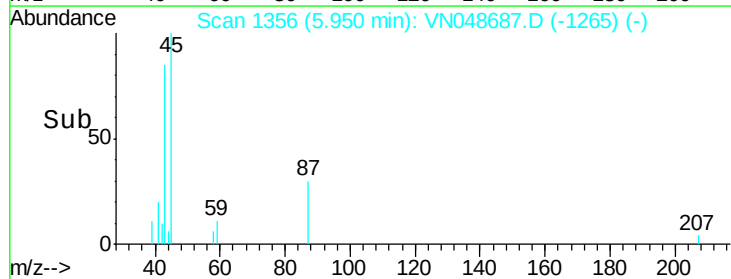
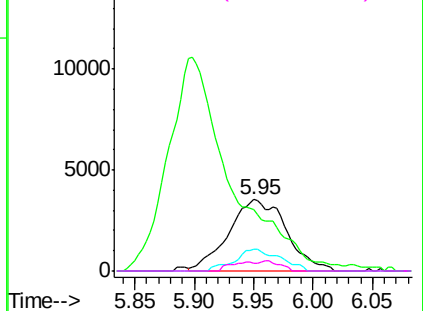


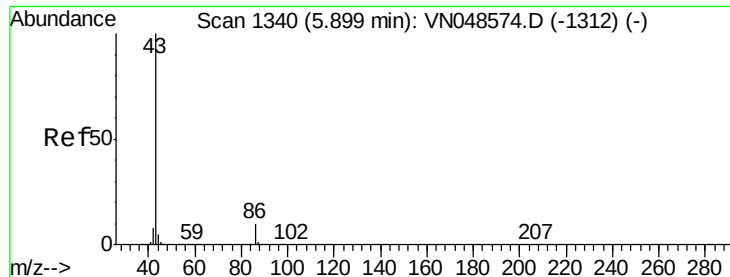
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

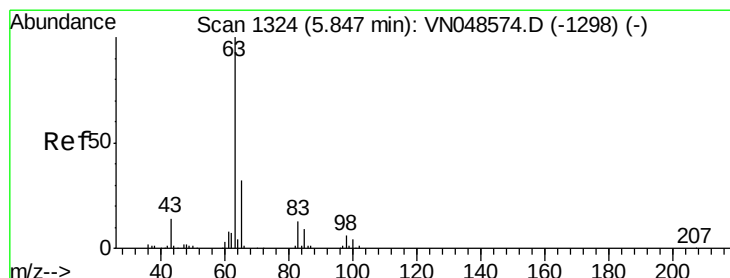
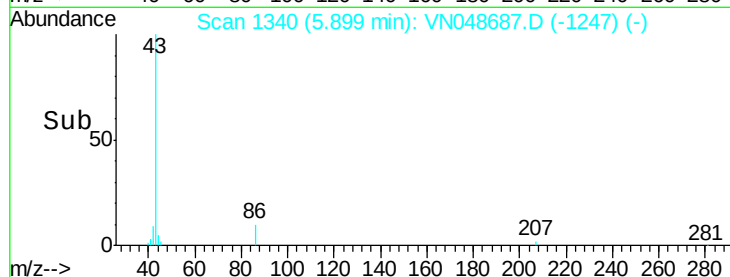
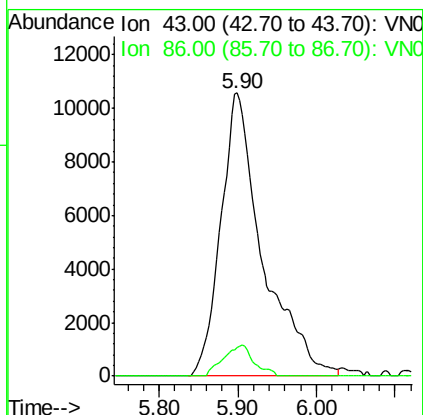
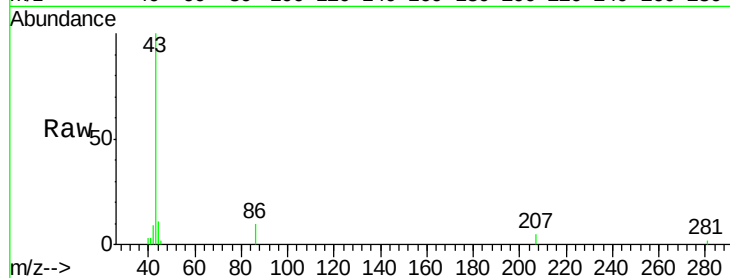




#23
 Vinyl Acetate
 Concen: 3.51 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

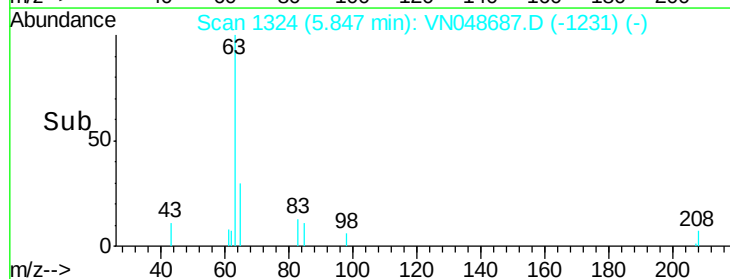
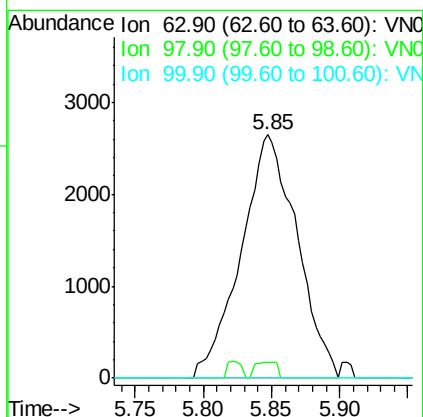
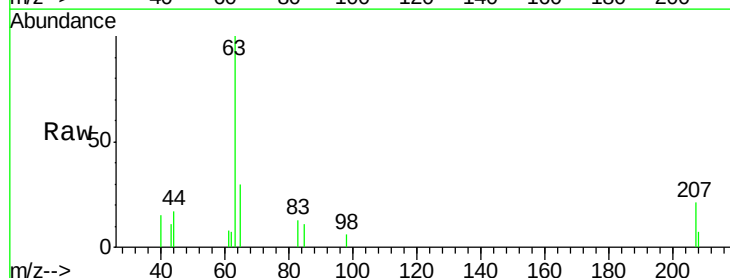
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

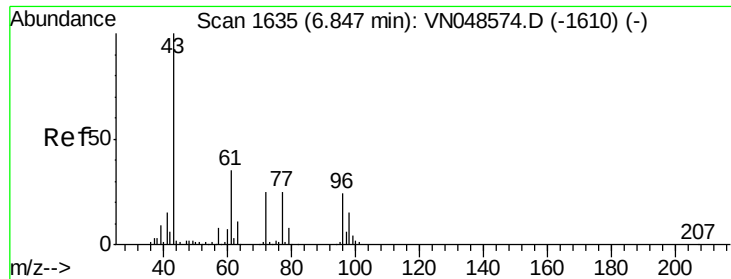
Tgt Ion: 43 Resp: 38907
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 0.84 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 63 Resp: 7541
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 0.0 2.1 6.3#

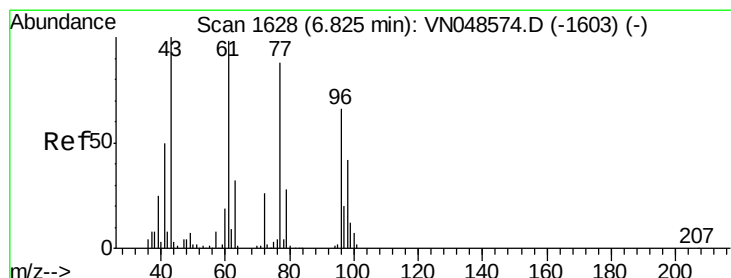
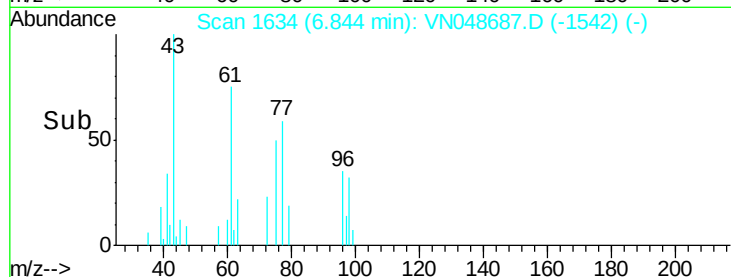
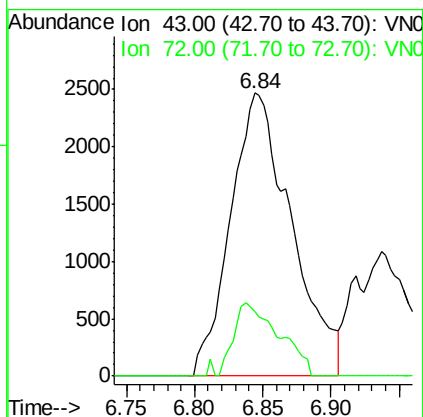
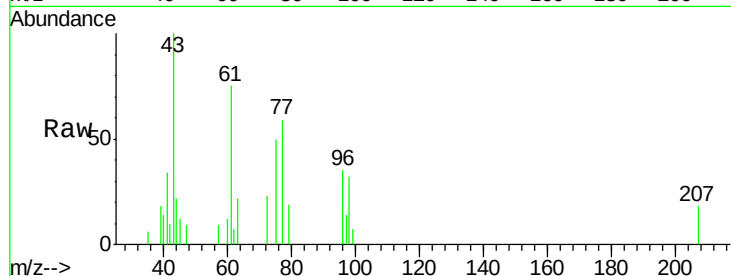




#25
 2-Butanone
 Concen: 2.81 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

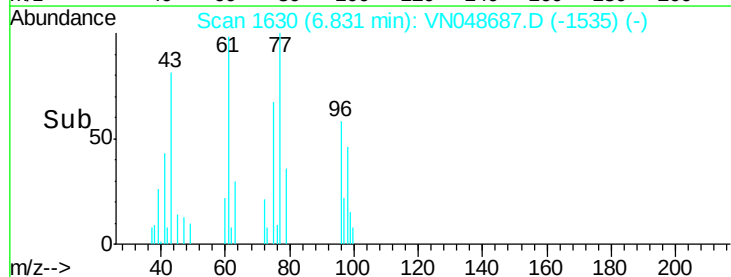
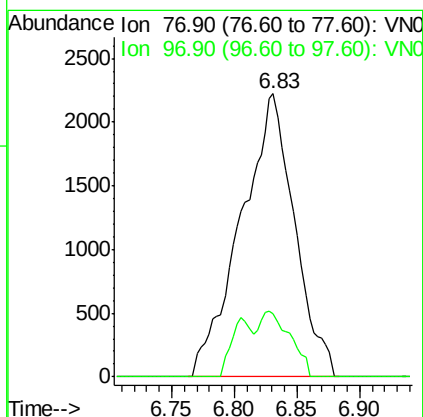
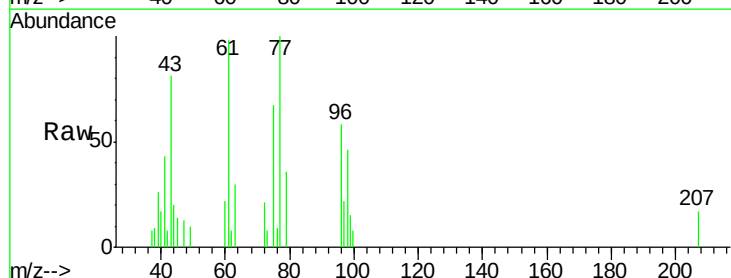
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

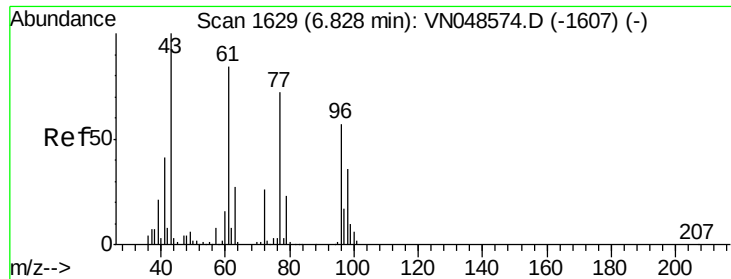
Tgt Ion: 43 Resp: 7646
 Ion Ratio Lower Upper
 43 100
 72 22.8 20.8 31.2



#26
 2,2-Dichloropropane
 Concen: 0.90 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.01 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 77 Resp: 6602
 Ion Ratio Lower Upper
 77 100
 97 13.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.80 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

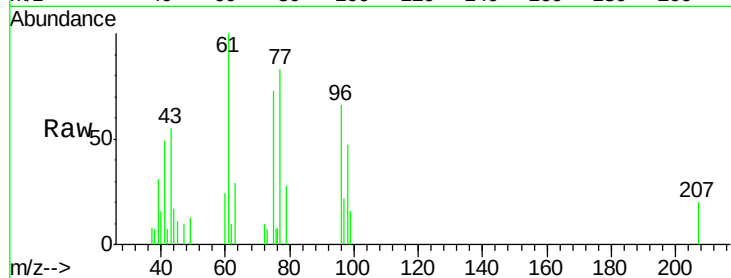
Tgt Ion: 96 Resp: 4150

Ion Ratio Lower Upper

96 100

61 165.1 0.0 292.6

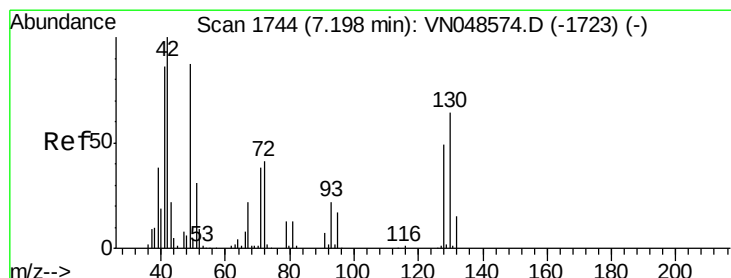
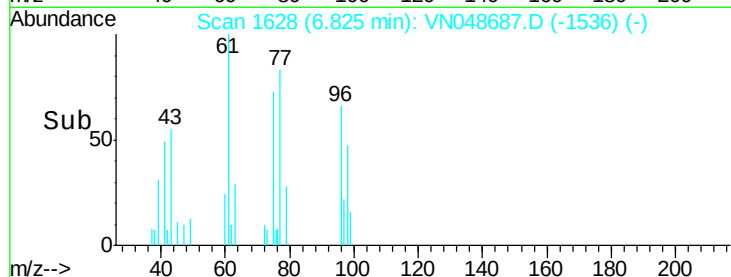
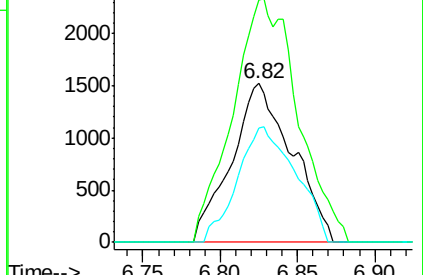
98 69.6 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN048687.D (-1536) (-)

Ion 60.90 (60.60 to 61.60): VN048687.D (-1536) (-)

Ion 97.90 (97.60 to 98.60): VN048687.D (-1536) (-)



#28

Bromochloromethane

Concen: 0.47 ug/l

RT: 7.19 min Scan# 1742

Delta R.T. -0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

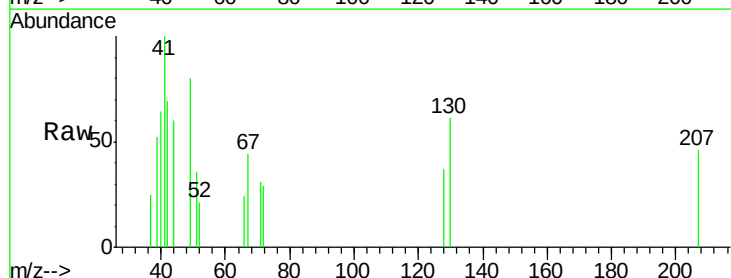
Tgt Ion: 49 Resp: 1507

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

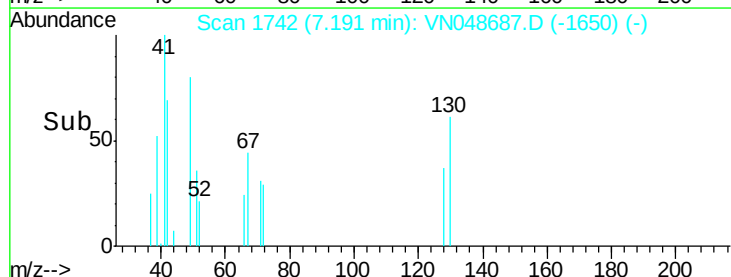
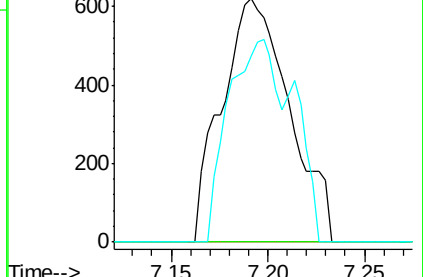
130 60.8 64.2 96.2#

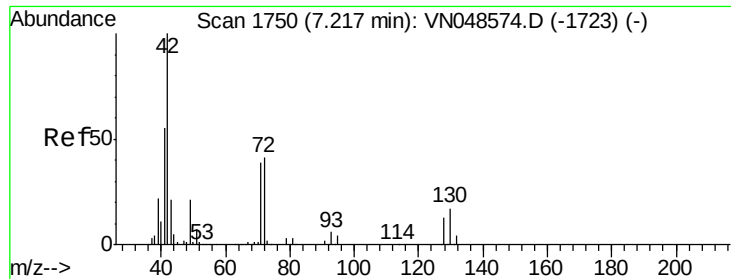


Abundance Ion 48.90 (48.60 to 49.60): VN048687.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN048687.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN048687.D (-1650) (-)

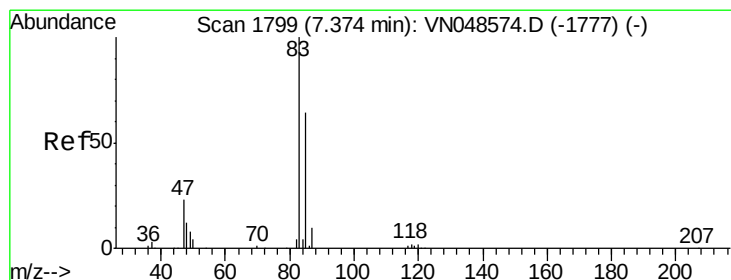
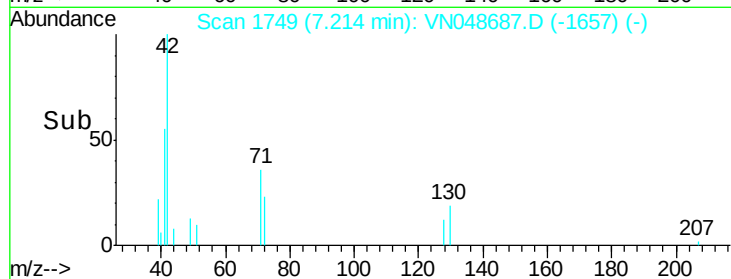
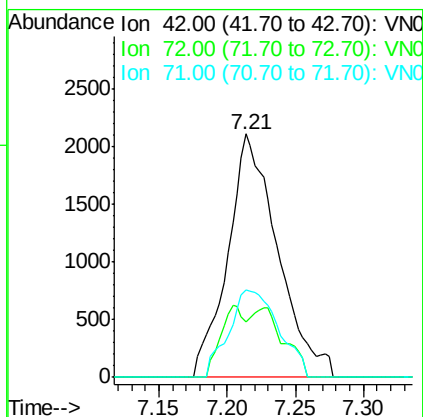
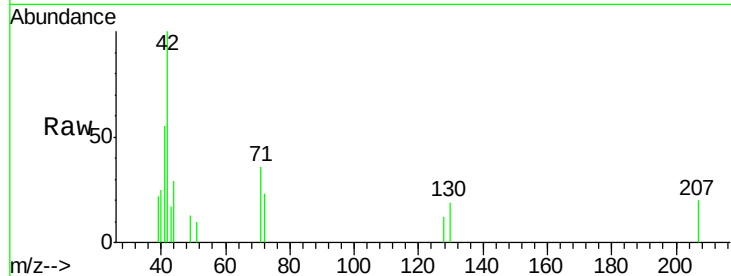




#29
Tetrahydrofuran
Concen: 3.10 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

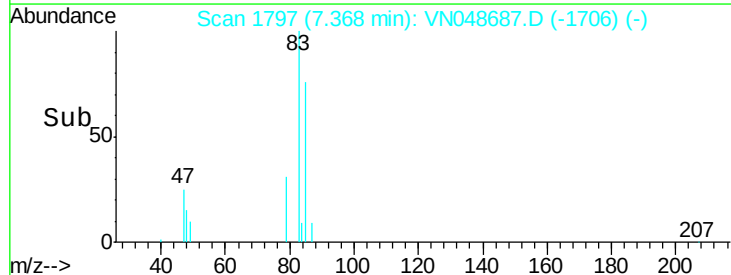
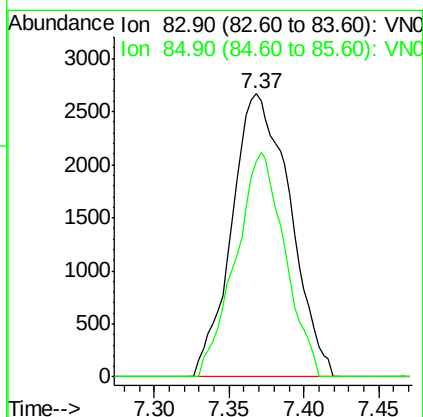
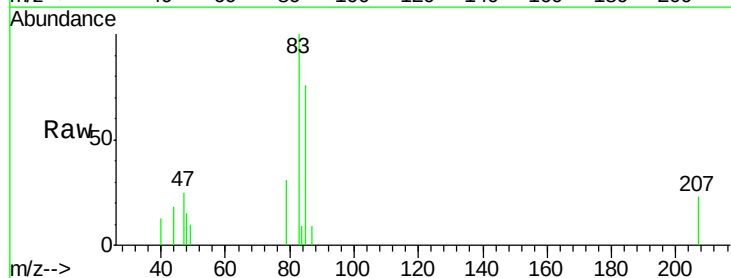
Instrument :
MSVOA_X
ClientSampled :
BFB

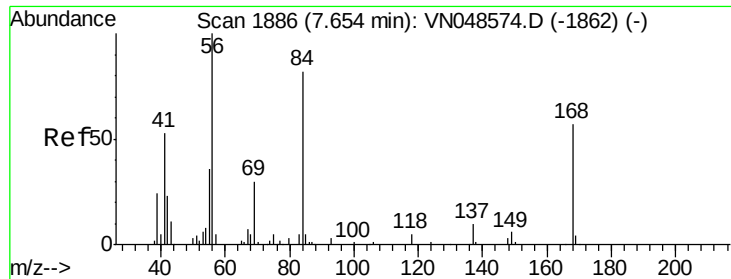
Tgt Ion: 42 Resp: 5359
Ion Ratio Lower Upper
42 100
72 14.2 34.2 51.4#
71 35.9 31.8 47.8



#30
Chloroform
Concen: 0.83 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion: 83 Resp: 7222
Ion Ratio Lower Upper
83 100
85 76.3 51.1 76.7

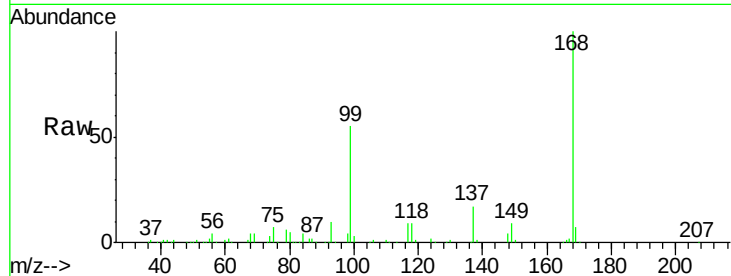




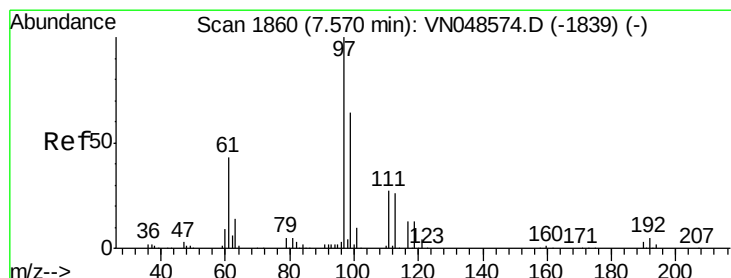
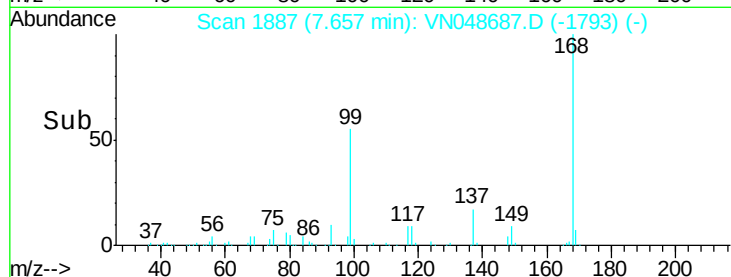
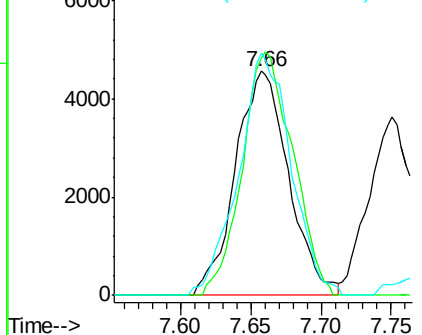
#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 56 Resp: 12033
Ion Ratio Lower Upper
56 100
69 106.1 25.6 38.4#
84 108.3 67.5 101.3#

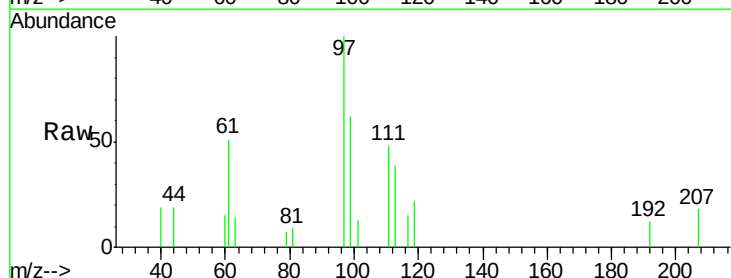


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

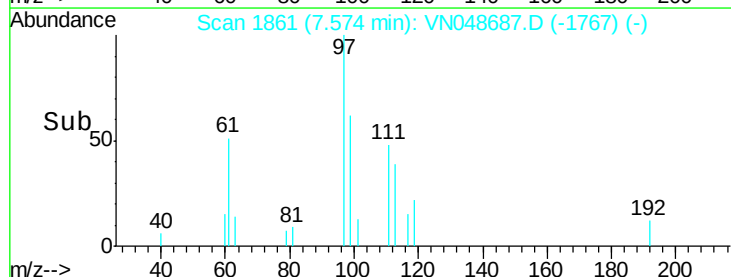
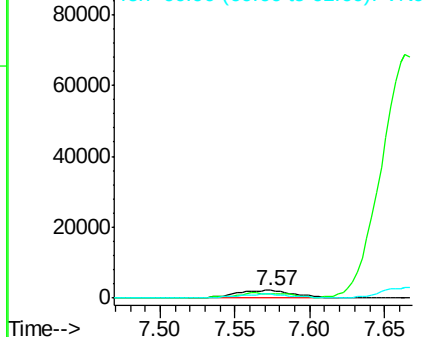


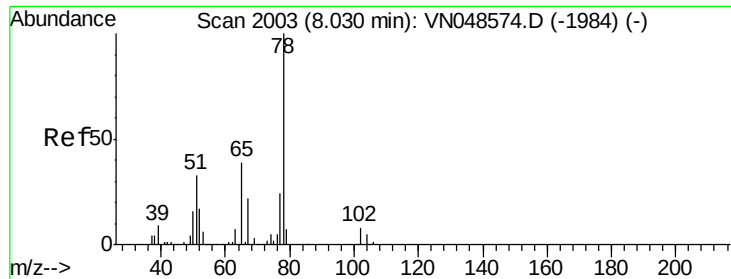
#32
1,1,1-Trichloroethane
Concen: 0.80 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion: 97 Resp: 6078
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.2#
61 45.6 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

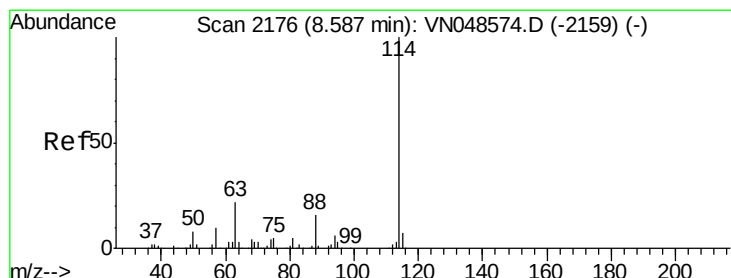
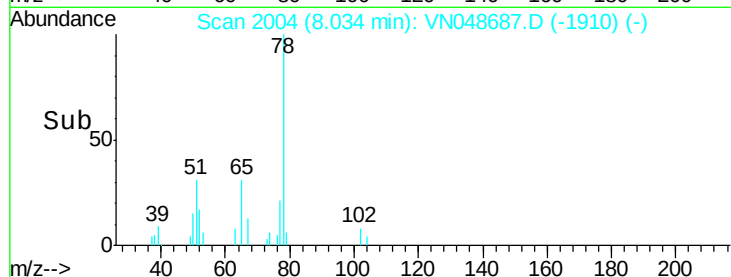
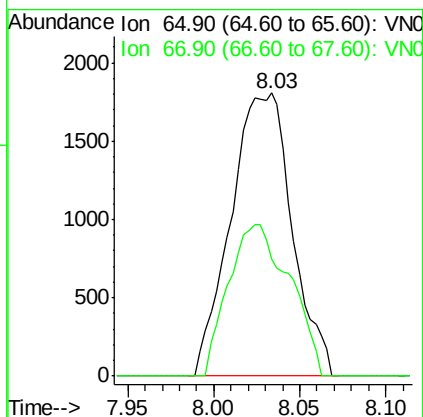
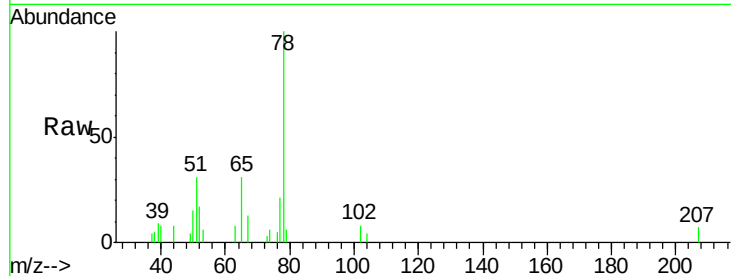




#33
 1,2-Dichloroethane-d4
 Concen: 0.79 ug/l
 RT: 8.03 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

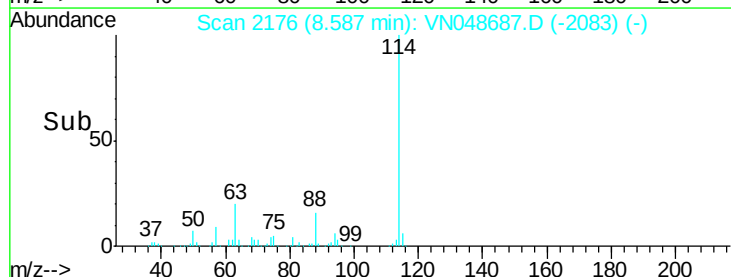
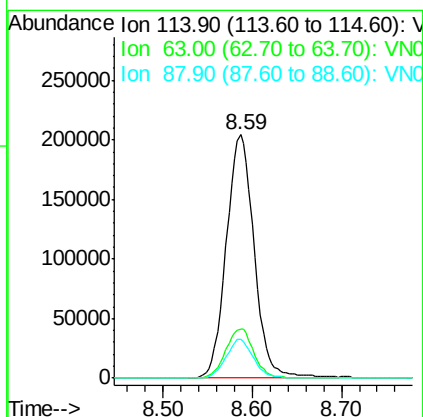
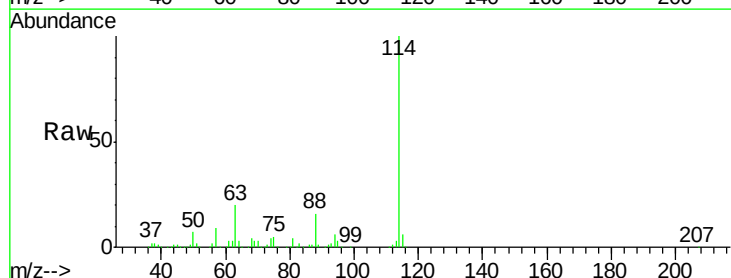
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

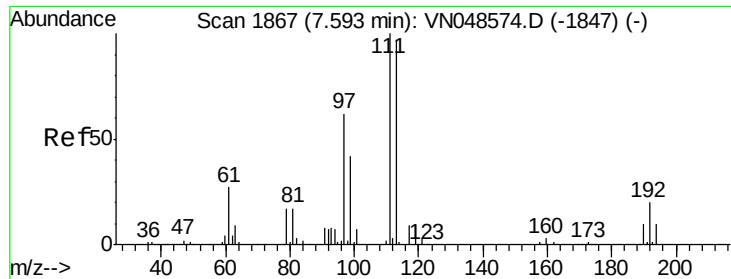
Tgt Ion: 65 Resp: 4465
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 114 Resp: 442571
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.9 0.0 31.0

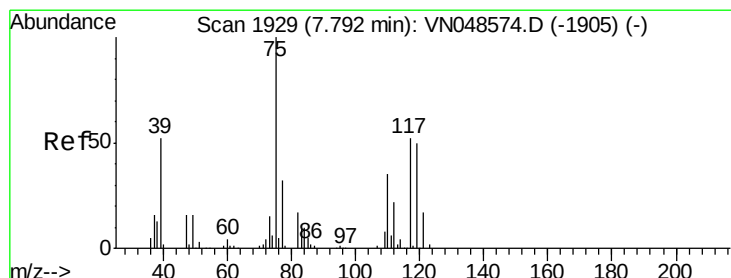
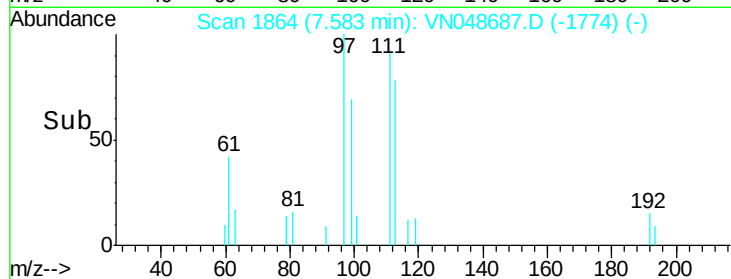
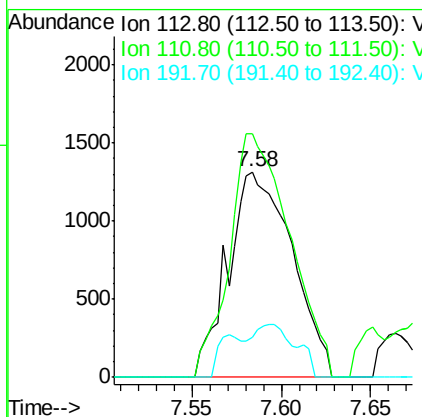
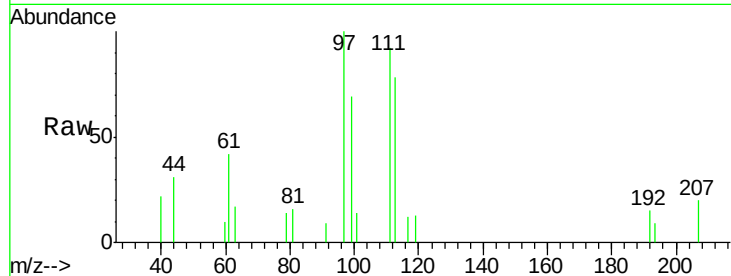




#35
 Dibromofluoromethane
 Concen: 0.71 ug/l
 RT: 7.58 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

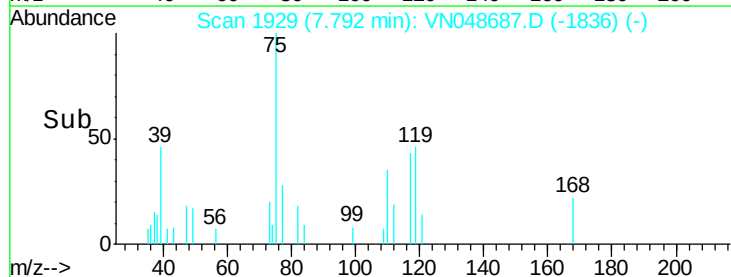
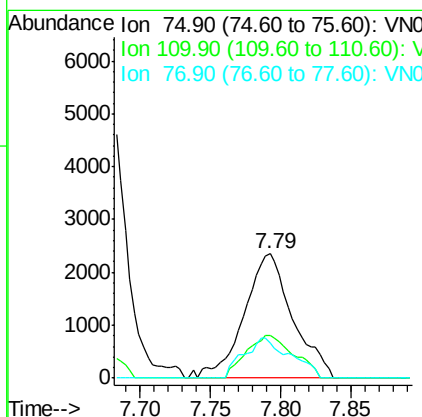
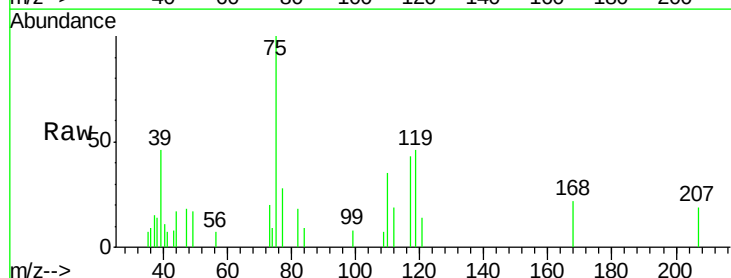
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

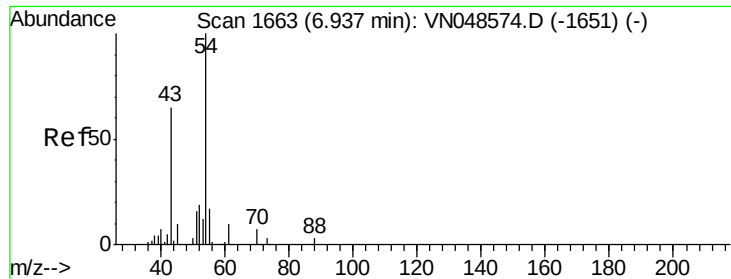
Tgt Ion: 113 Resp: 3293
 Ion Ratio Lower Upper
 113 100
 111 111.4 81.7 122.5
 192 17.1 17.6 26.4#



#36
 1,1-Dichloropropene
 Concen: 0.87 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 75 Resp: 5650
 Ion Ratio Lower Upper
 75 100
 110 34.0 18.4 55.0
 77 30.9 25.0 37.4

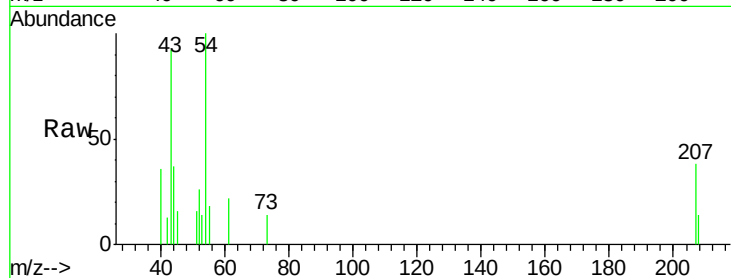




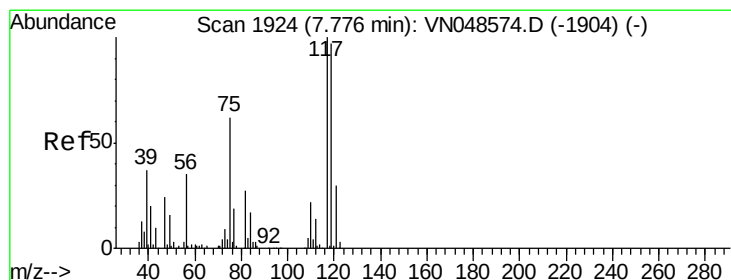
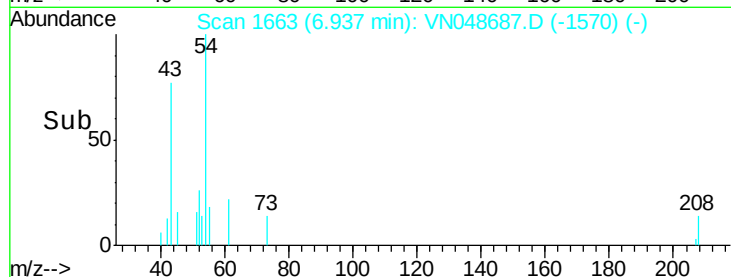
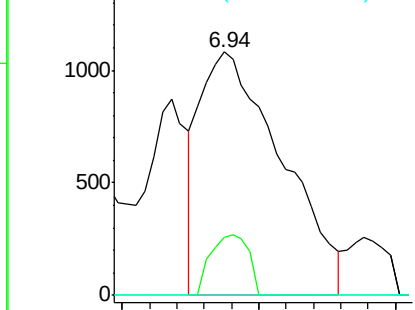
#37
Ethyl Acetate
 Concen: 0.42 ug/l
 RT: 6.94 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 43 Resp: 2254
 Ion Ratio Lower Upper
 43 100
 61 11.5 11.4 17.2
 70 0.0 8.6 12.8#

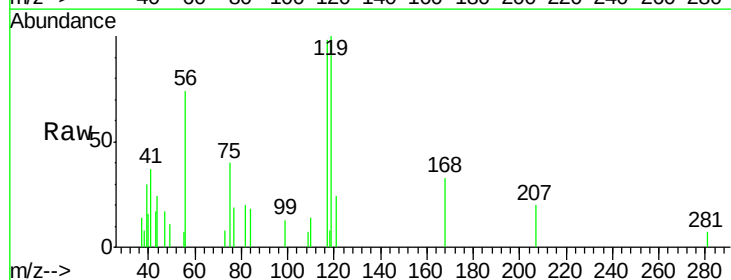


Abundance Ion 43.00 (42.70 to 43.70): VN048574.D (-1651) (-)
 Ion 60.90 (60.60 to 61.60): VN048574.D (-1651) (-)
 Ion 70.00 (69.70 to 70.70): VN048574.D (-1651) (-)

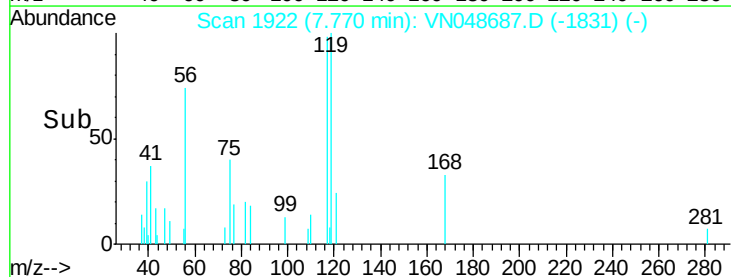
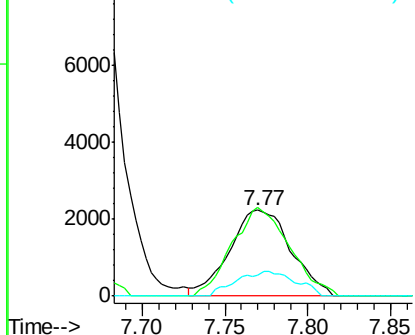


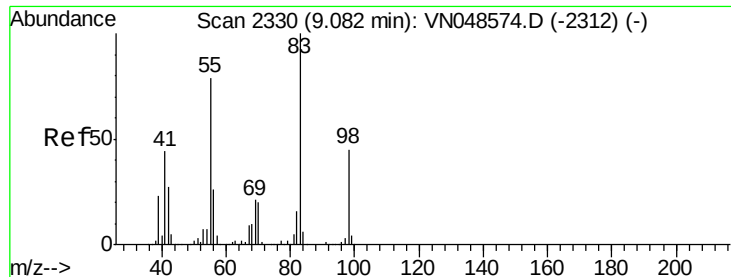
#38
Carbon Tetrachloride
 Concen: 0.86 ug/l
 RT: 7.77 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 117 Resp: 5780
 Ion Ratio Lower Upper
 117 100
 119 102.5 78.0 117.0
 121 24.9 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): VN048574.D (-1904) (-)
 Ion 118.80 (118.50 to 119.50): VN048574.D (-1904) (-)
 Ion 120.80 (120.50 to 121.50): VN048574.D (-1904) (-)

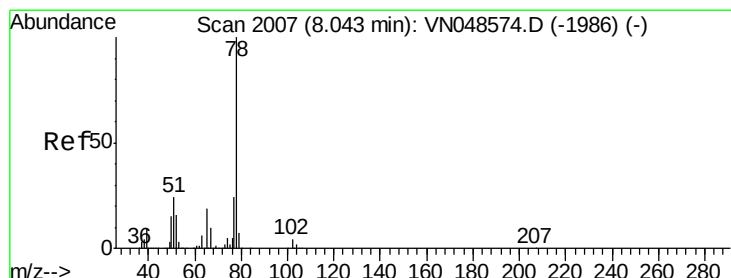
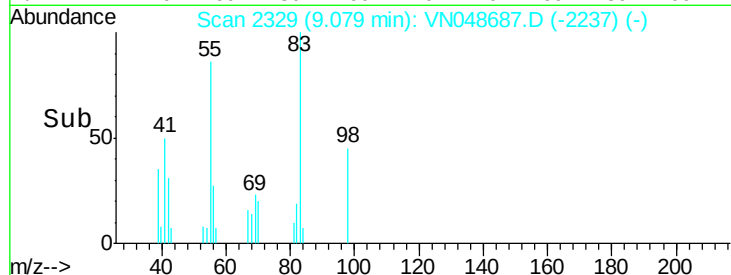
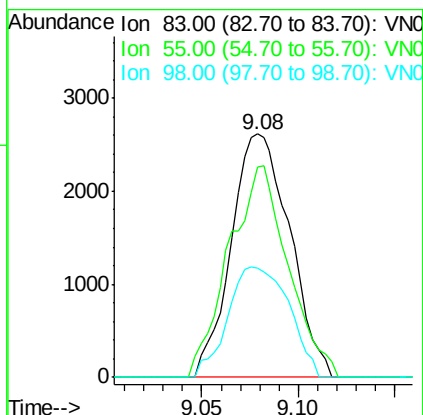
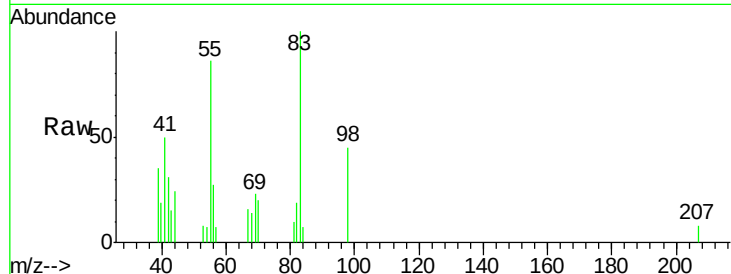




#39
Methylcyclohexane
Concen: 0.76 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

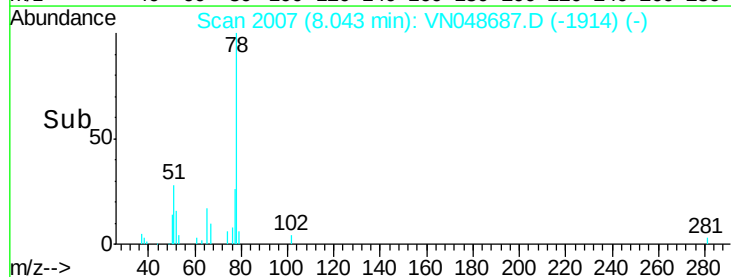
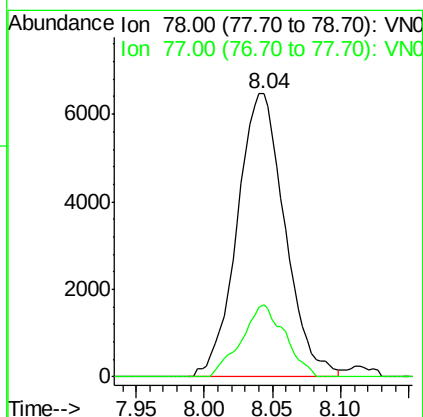
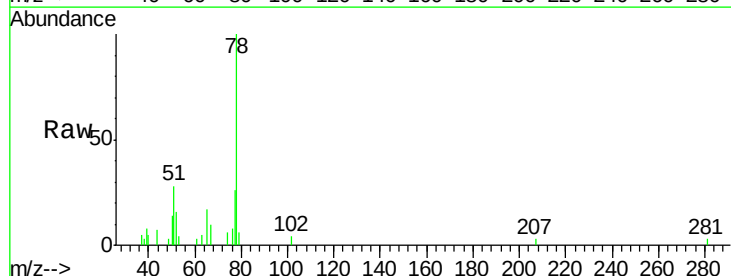
Instrument :
MSVOA_X
ClientSampled :
BFB

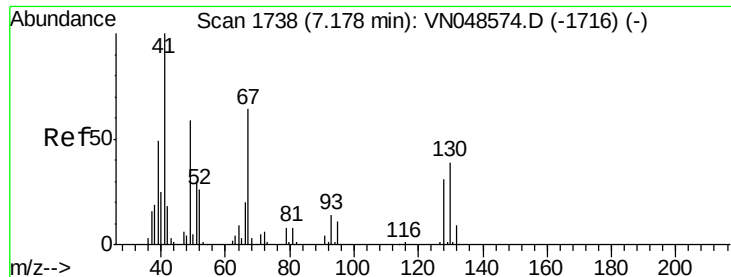
Tgt Ion: 83 Resp: 5496
Ion Ratio Lower Upper
83 100
55 86.4 61.7 92.5
98 44.6 36.8 55.2



#40
Benzene
Concen: 0.81 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion: 78 Resp: 15734
Ion Ratio Lower Upper
78 100
77 25.7 18.7 28.1

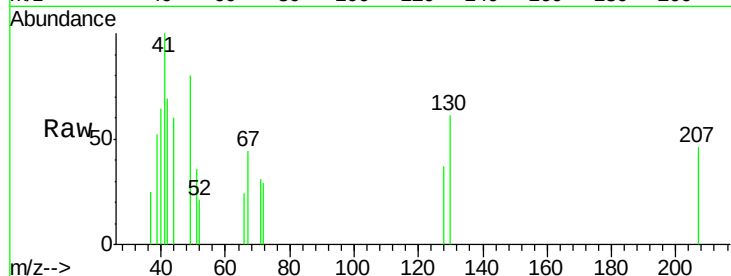




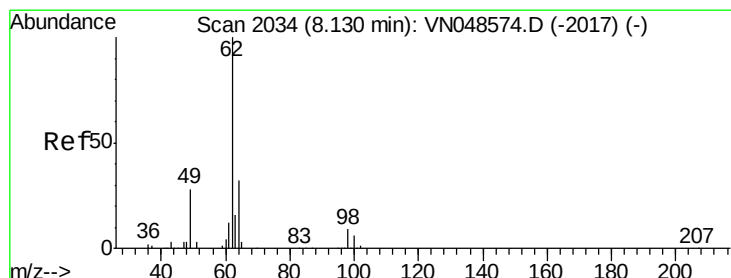
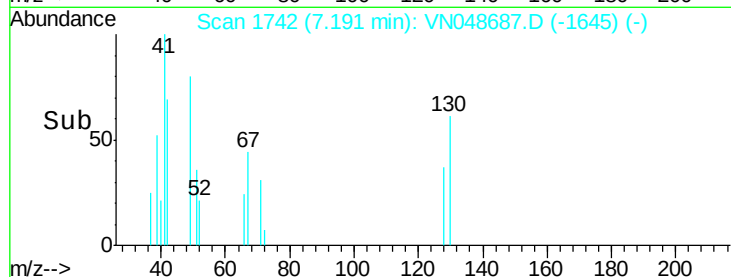
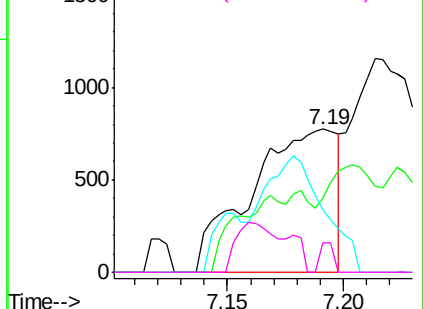
#41
Methacrylonitrile
Concen: 0.70 ug/l
RT: 7.19 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:	41	Resp:	2003
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.4	71.2#
67	0.0	62.4	93.6#
52	3.1	25.6	38.4#

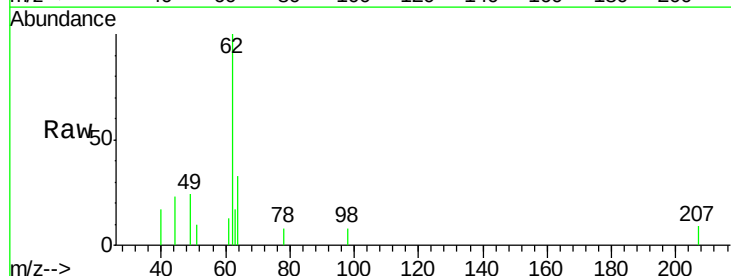


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

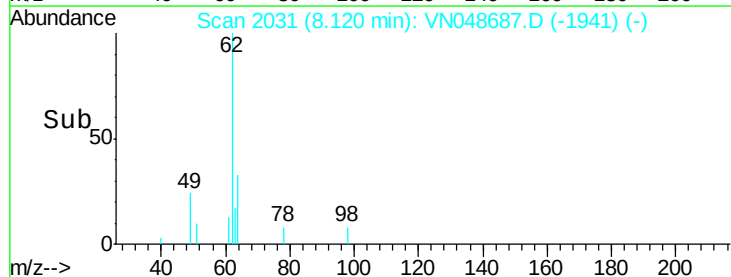
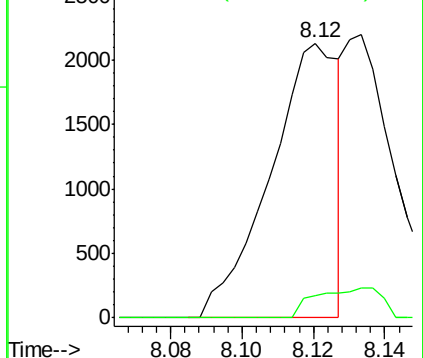


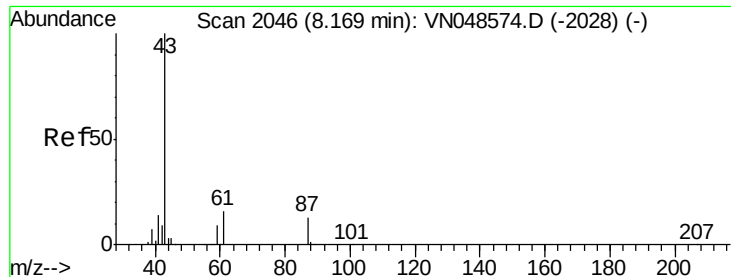
#42
1,2-Dichloroethane
Concen: 0.44 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. -0.01 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion:	62	Resp:	2824
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 0.62 ug/l

RT: 8.16 min Scan# 2044

Delta R.T. -0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

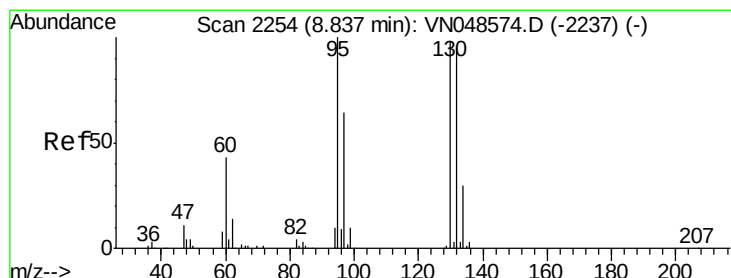
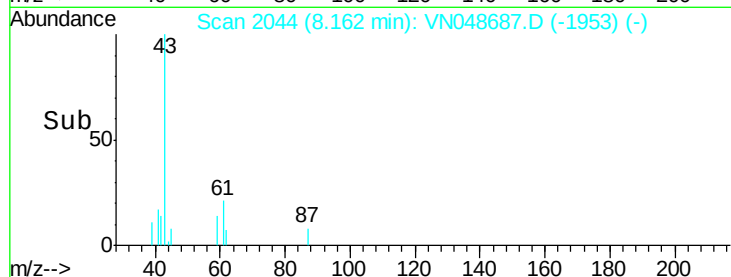
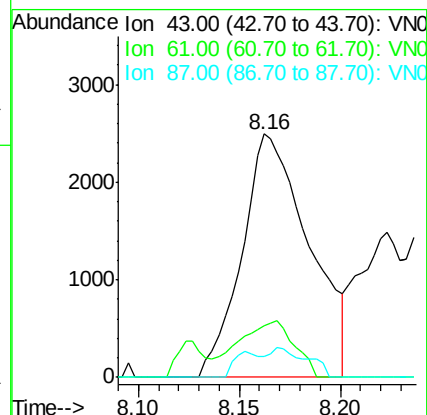
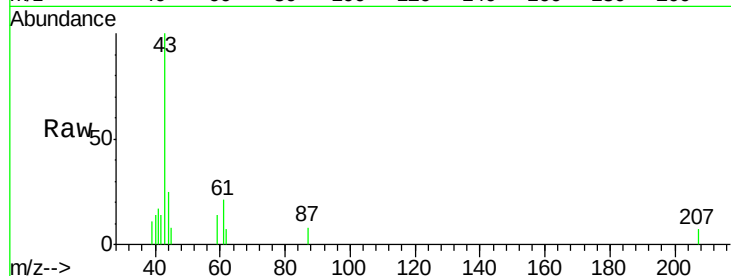
Tgt Ion: 43 Resp: 5790

Ion Ratio Lower Upper

43 100

61 19.3 22.2 33.2#

87 6.6 10.6 15.8#



#44

Trichloroethene

Concen: 0.81 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN048687.D

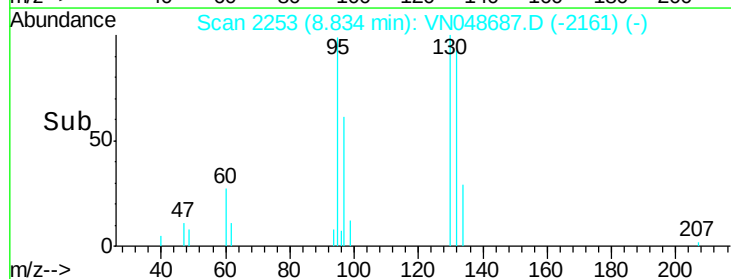
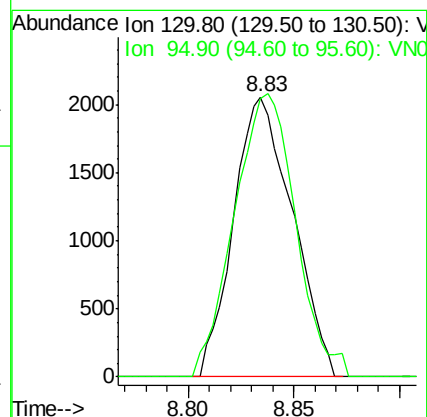
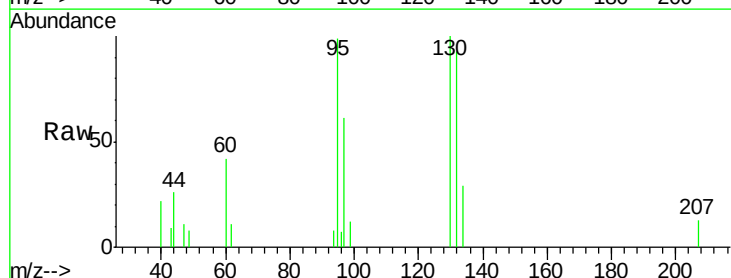
Acq: 29 May 2018 10:48

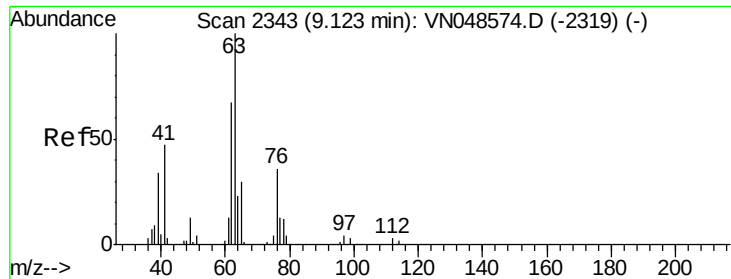
Tgt Ion: 130 Resp: 3984

Ion Ratio Lower Upper

130 100

95 99.2 0.0 191.6

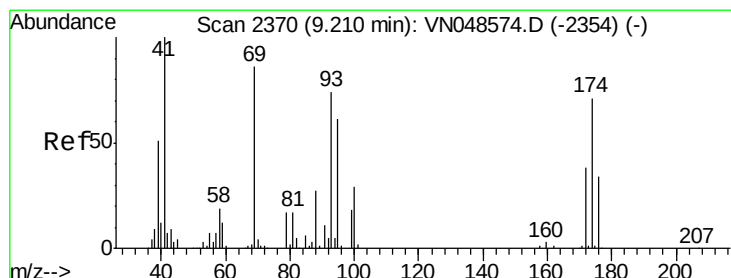
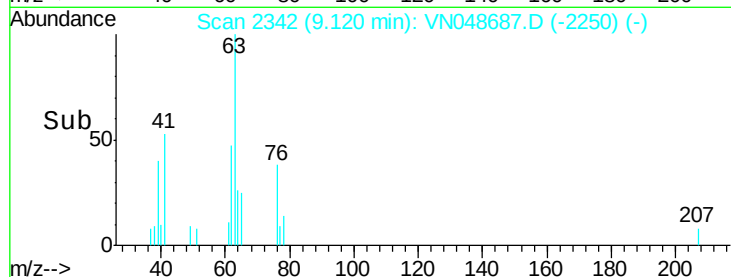
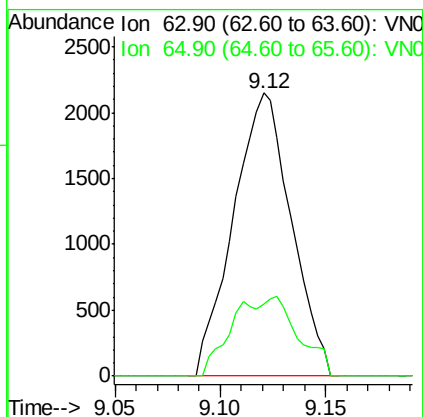
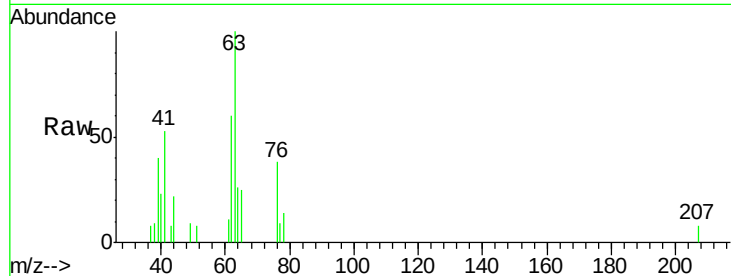




#45
 1,2-Dichloropropane
 Concen: 0.77 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

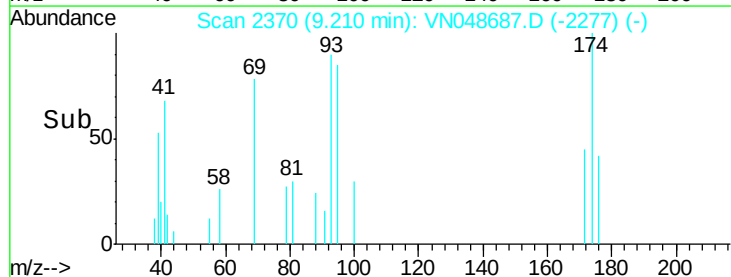
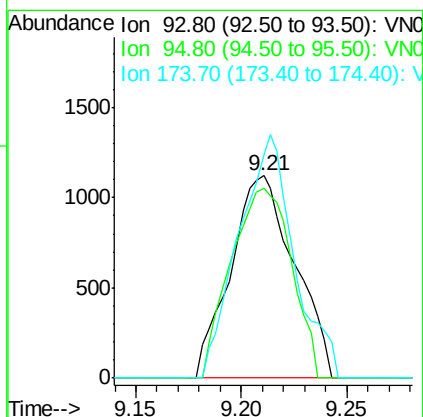
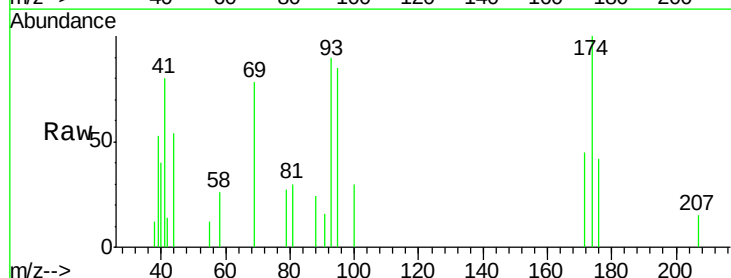
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

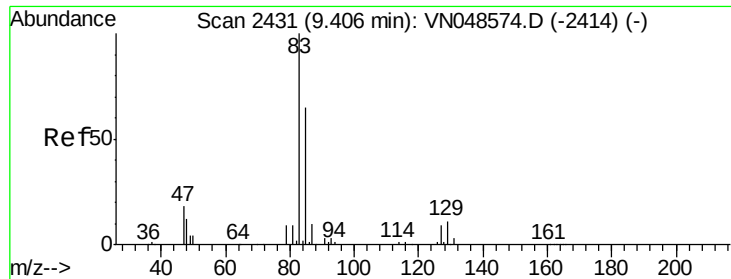
Tgt Ion: 63 Resp: 4093
 Ion Ratio Lower Upper
 63 100
 65 25.4 23.9 35.9



#46
 Dibromomethane
 Concen: 0.73 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 93 Resp: 2365
 Ion Ratio Lower Upper
 93 100
 95 88.7 66.7 100.1
 174 104.3 87.7 131.5





#47

Bromodichloromethane

Concen: 0.85 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

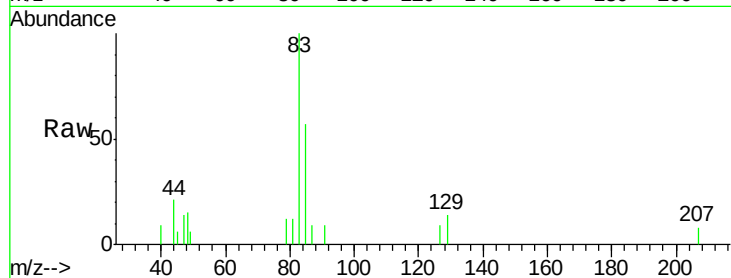
Tgt Ion: 83 Resp: 5607

Ion Ratio Lower Upper

83 100

85 57.5 52.1 78.1

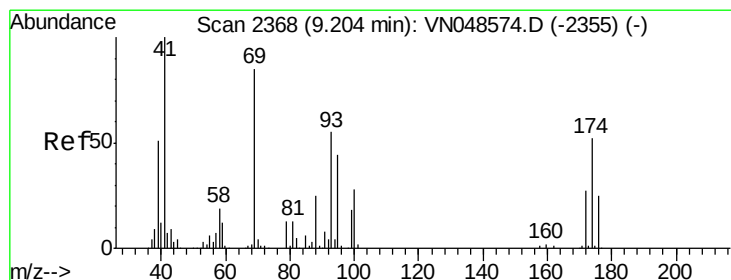
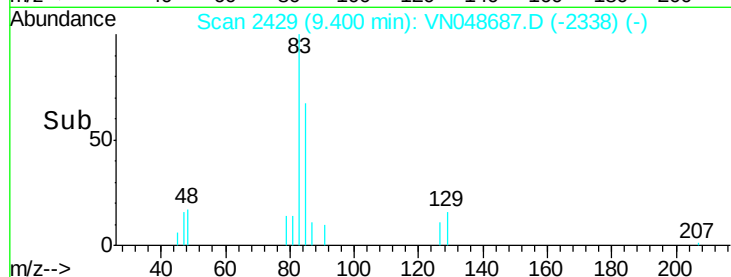
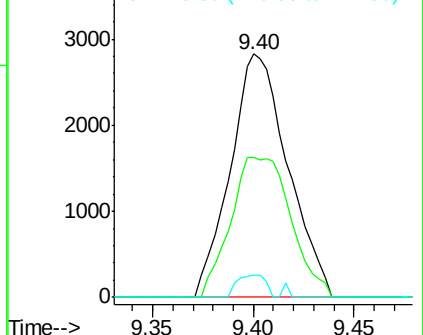
127 9.1 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN048687.D (-2338) (-)

Ion 84.90 (84.60 to 85.60): VN048687.D (-2338) (-)

Ion 126.80 (126.50 to 127.50): VN048687.D (-2338) (-)



#48

Methyl methacrylate

Concen: 0.61 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

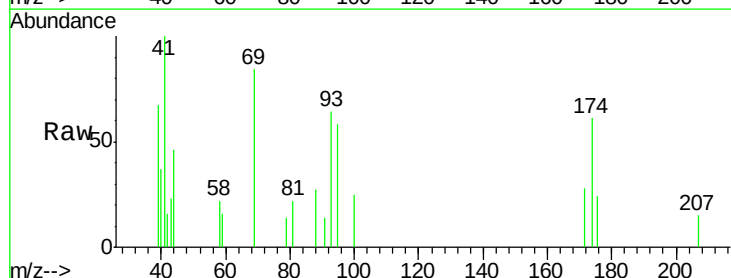
Tgt Ion: 41 Resp: 2773

Ion Ratio Lower Upper

41 100

69 85.0 68.6 103.0

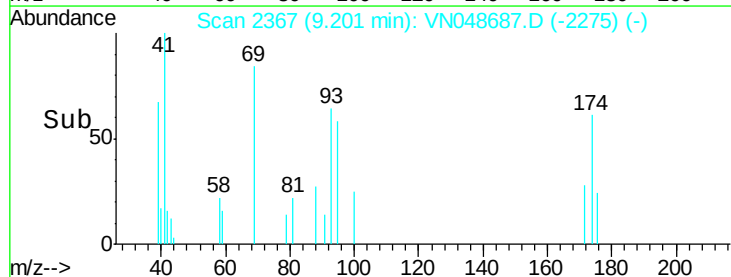
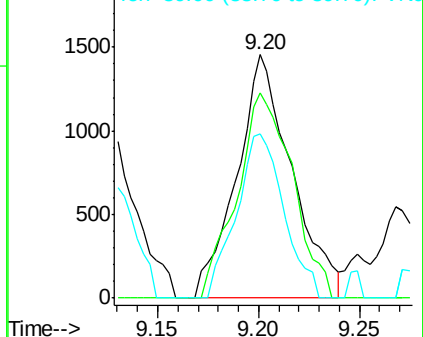
39 58.2 42.3 63.5

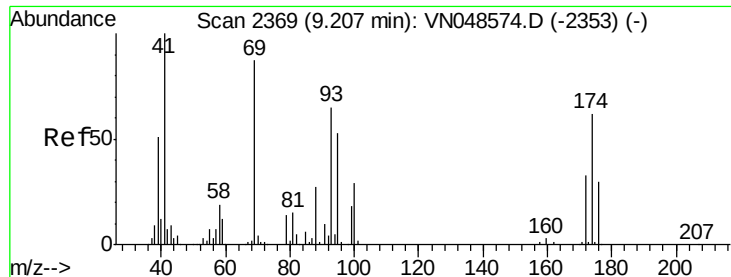


Abundance Ion 41.00 (40.70 to 41.70): VN048687.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN048687.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN048687.D (-2275) (-)

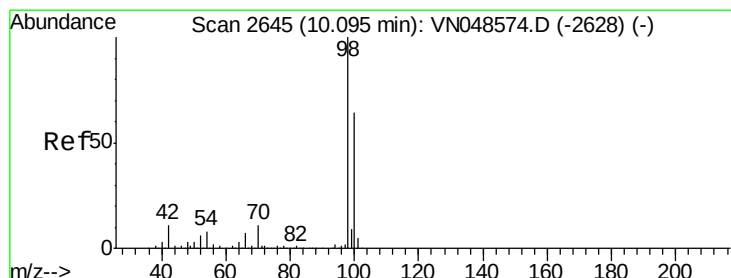
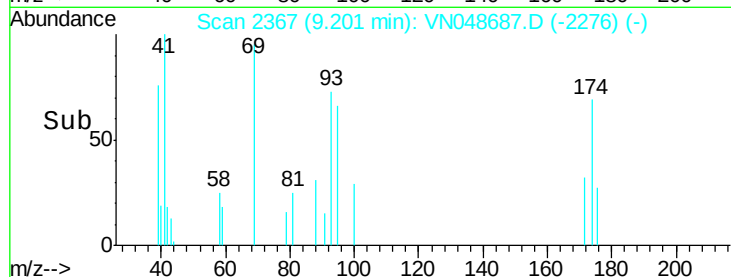
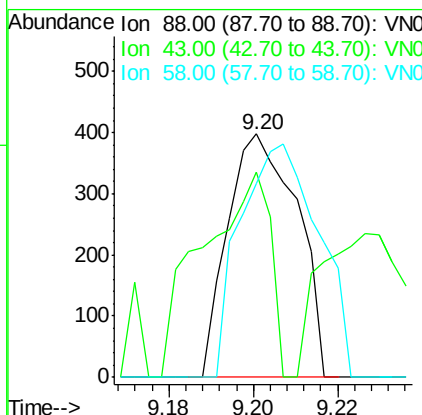
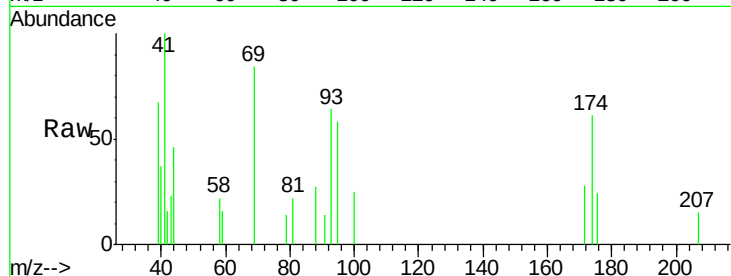




#49
 1,4-Dioxane
 Concen: 7.52 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.01 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

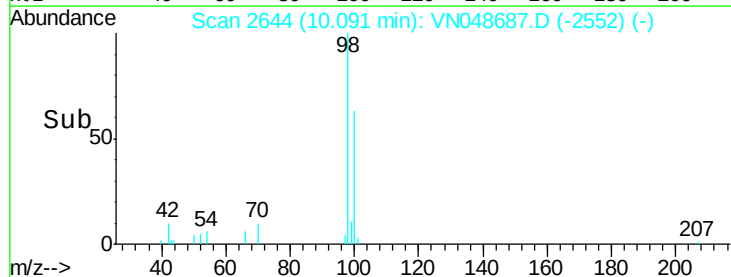
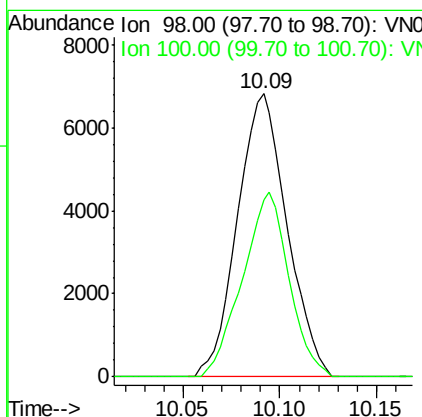
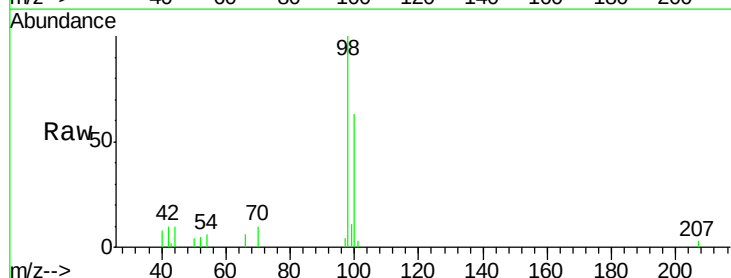
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

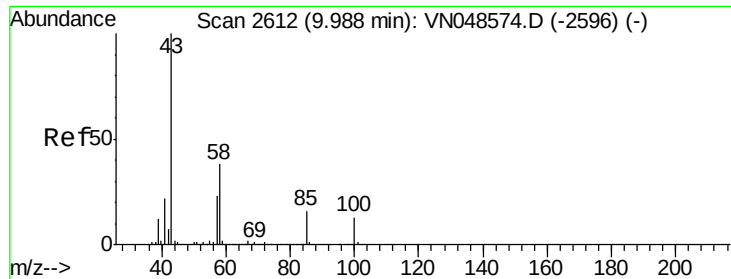
Tgt Ion: 88 Resp: 454
 Ion Ratio Lower Upper
 88 100
 43 83.0 27.6 41.4#
 58 107.9 57.0 85.6#



#50
 Toluene-d8
 Concen: 0.70 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 98 Resp: 12147
 Ion Ratio Lower Upper
 98 100
 100 61.3 51.2 76.8

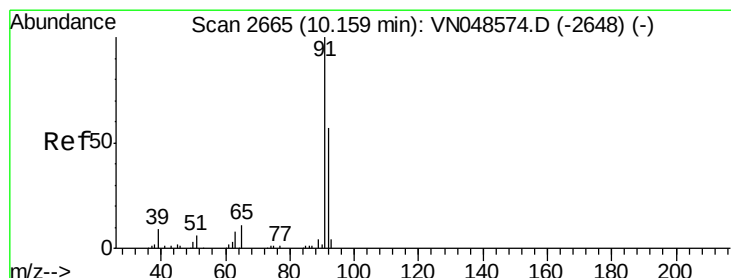
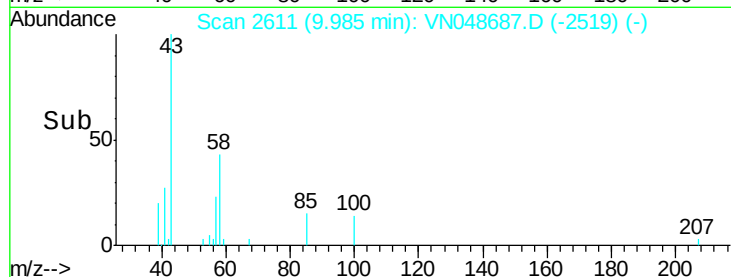
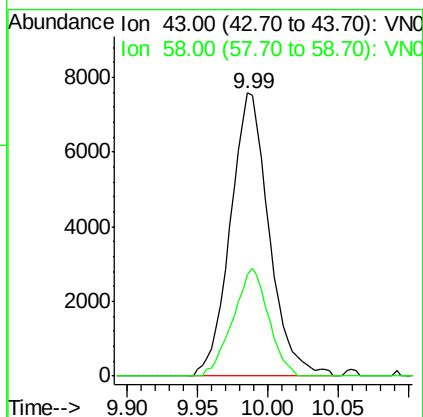
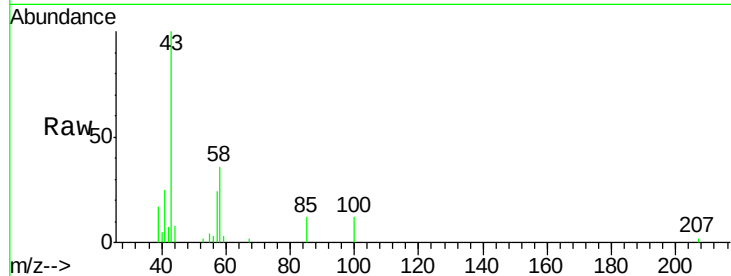




#51
 4-Methyl-2-Pentanone
 Concen: 2.69 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

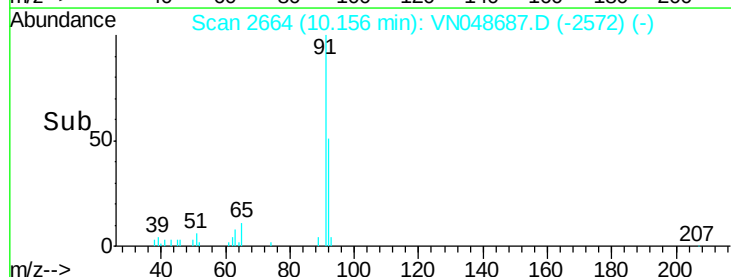
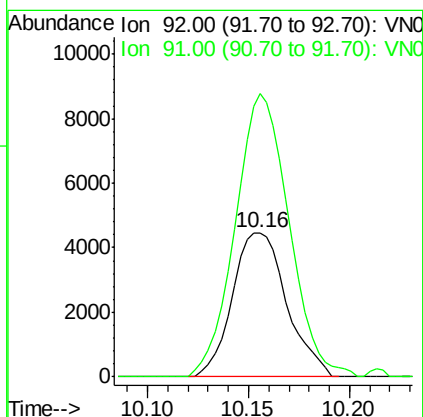
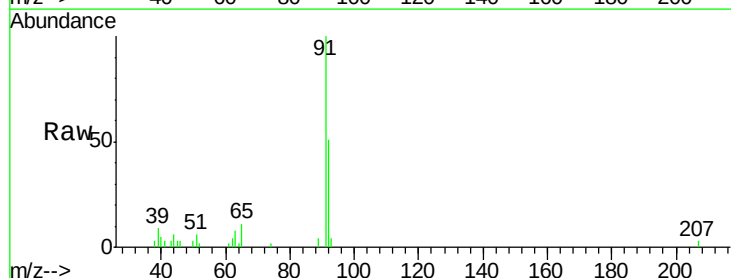
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

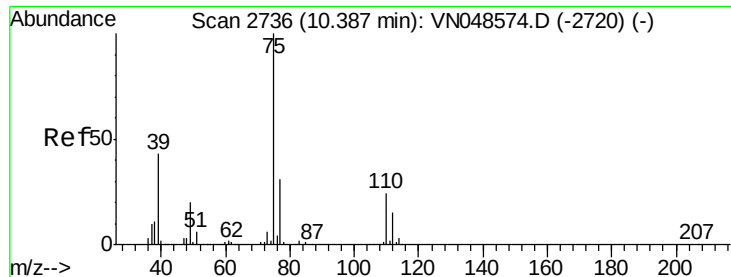
Tgt Ion: 43 Resp: 14564
 Ion Ratio Lower Upper
 43 100
 58 34.9 31.0 46.6



#52
 Toluene
 Concen: 0.73 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 92 Resp: 8403
 Ion Ratio Lower Upper
 92 100
 91 194.1 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 0.71 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

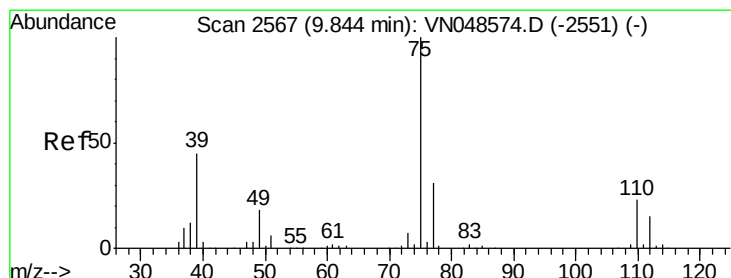
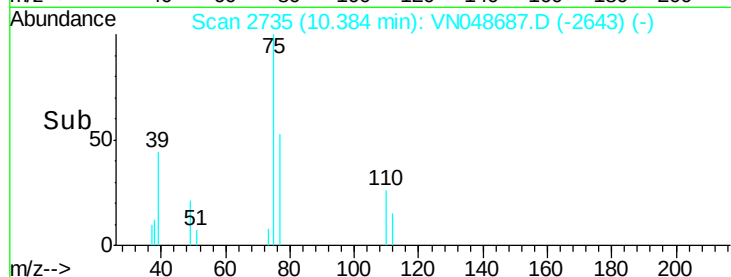
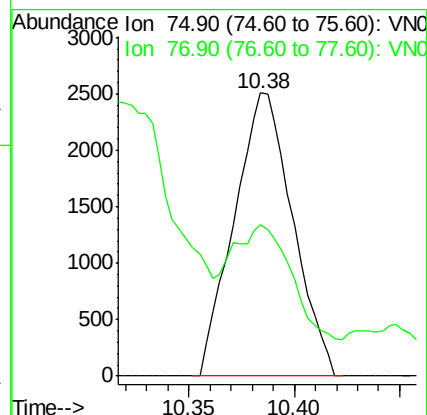
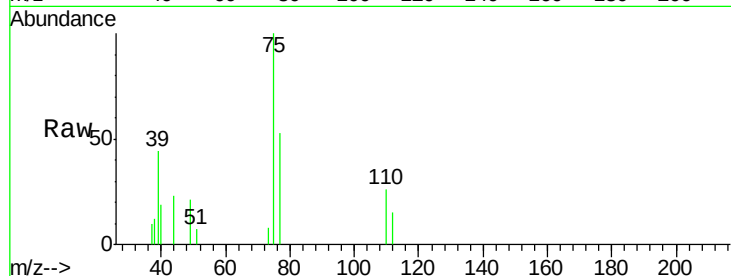
BFB

Tgt Ion: 75 Resp: 4826

Ion Ratio Lower Upper

75 100

77 40.6 24.9 37.3#



#54

cis-1,3-Dichloropropene

Concen: 0.75 ug/l

RT: 9.84 min Scan# 2565

Delta R.T. -0.01 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

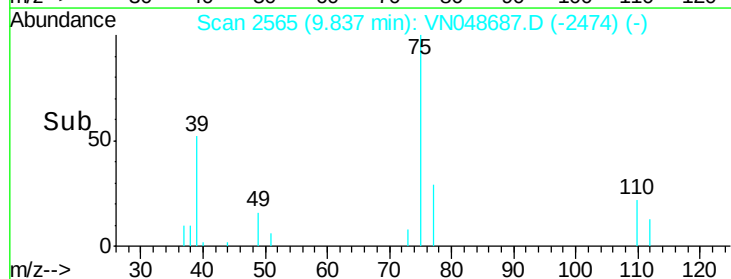
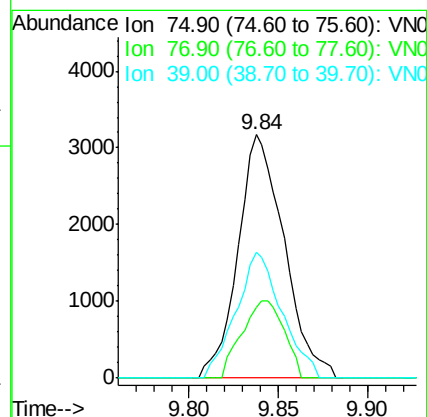
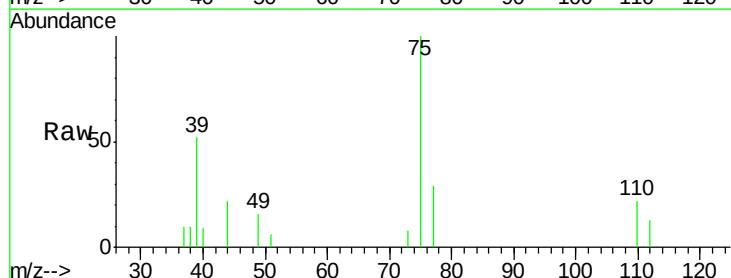
Tgt Ion: 75 Resp: 5731

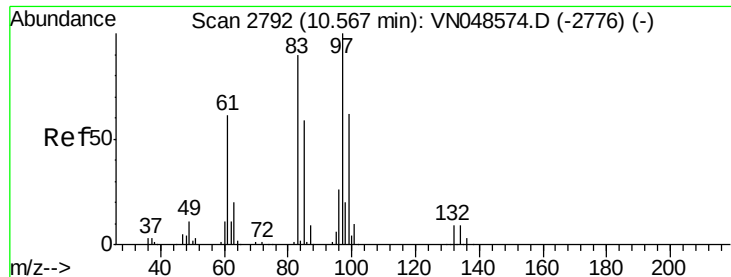
Ion Ratio Lower Upper

75 100

77 29.3 25.1 37.7

39 51.6 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 0.71 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

Tgt Ion: 97 Resp: 3166

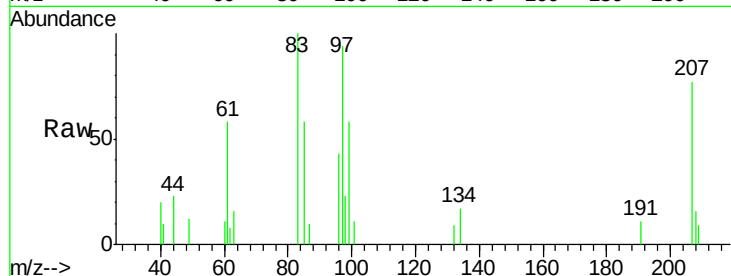
Ion Ratio Lower Upper

97 100

83 105.8 68.7 103.1#

85 61.5 43.4 65.2

99 61.2 49.6 74.4

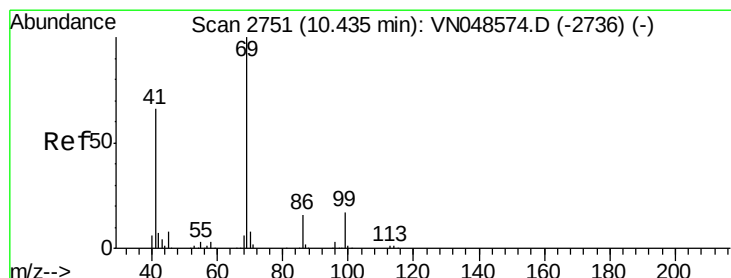
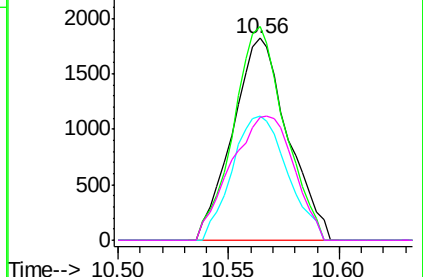
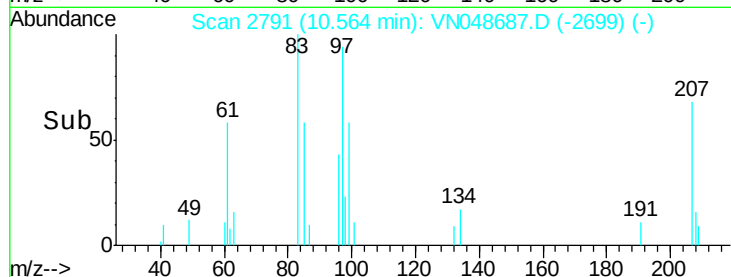


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.49 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

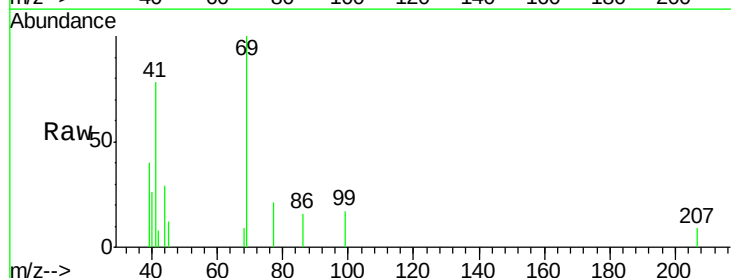
Tgt Ion: 69 Resp: 3044

Ion Ratio Lower Upper

69 100

41 84.9 52.3 78.5#

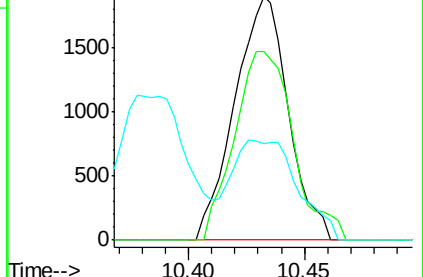
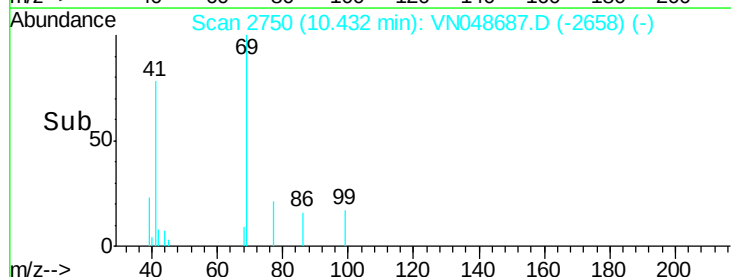
39 51.8 26.4 39.6#

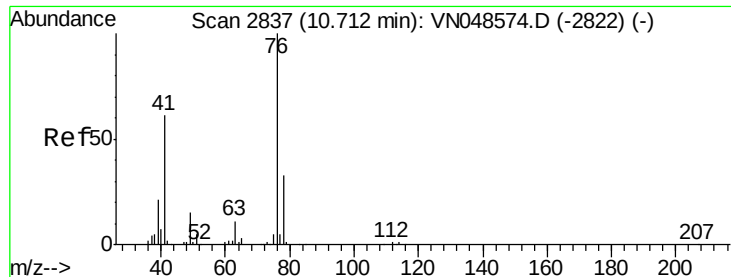


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.71 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

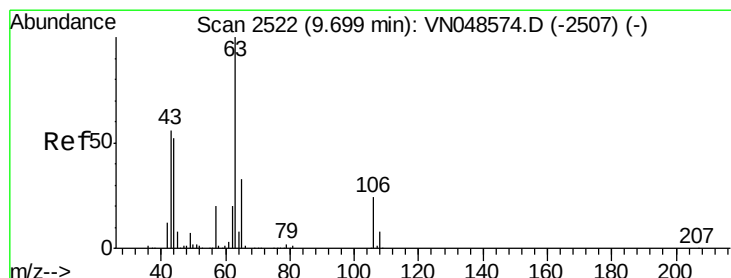
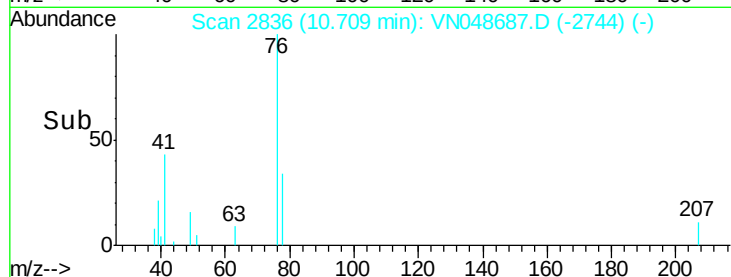
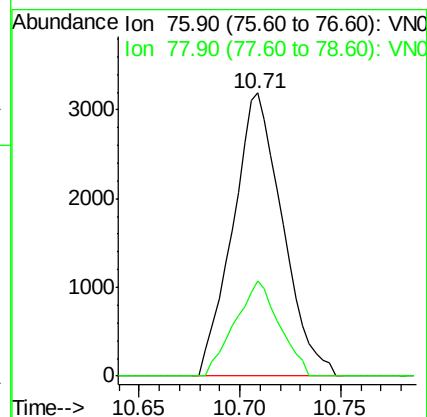
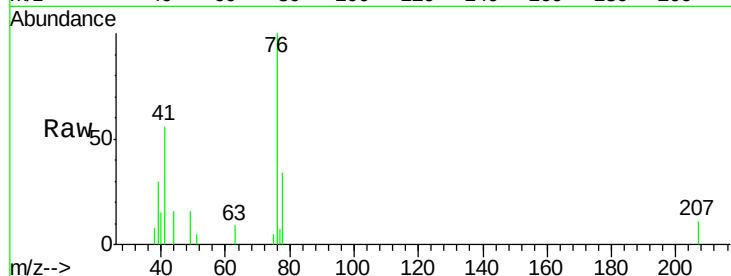
BFB

Tgt Ion: 76 Resp: 5500

Ion Ratio Lower Upper

76 100

78 30.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 3.73 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN048687.D

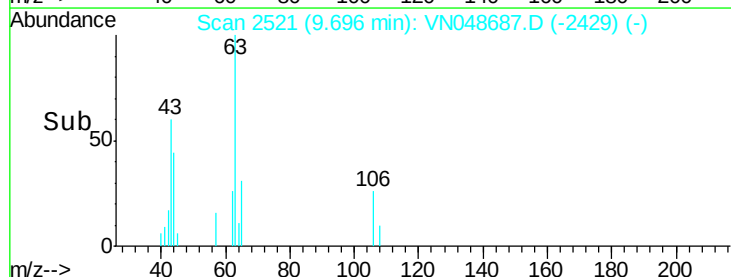
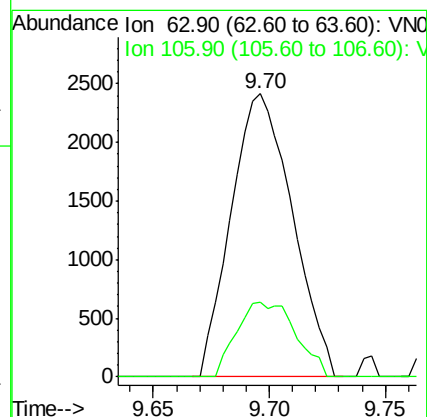
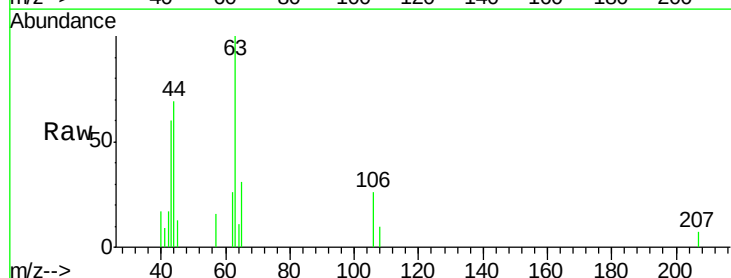
Acq: 29 May 2018 10:48

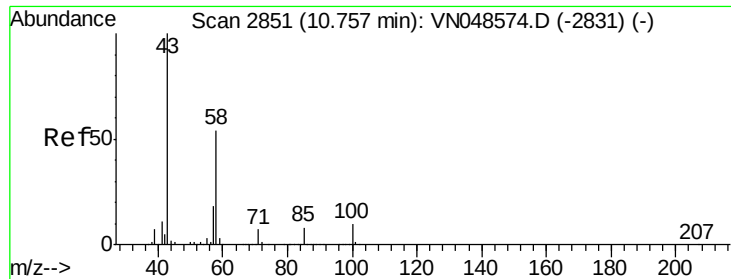
Tgt Ion: 63 Resp: 4431

Ion Ratio Lower Upper

63 100

106 25.4 21.3 31.9

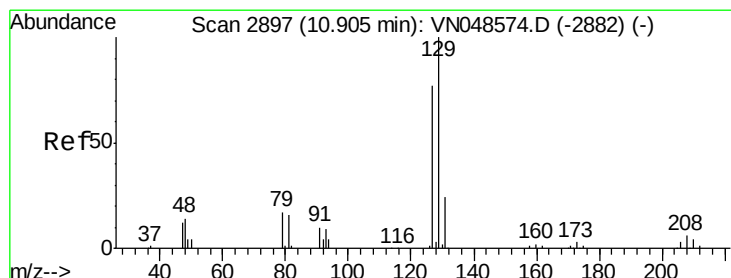
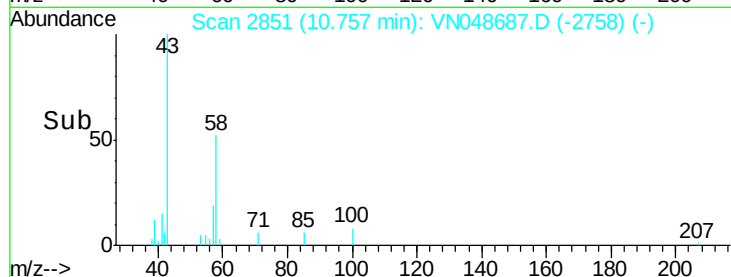
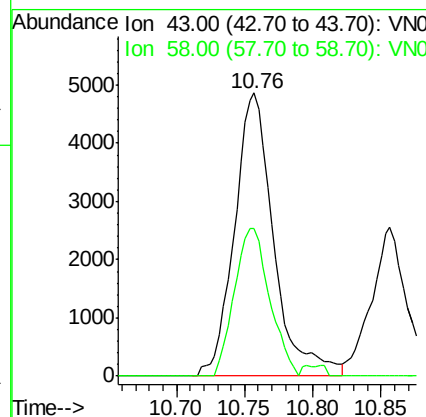
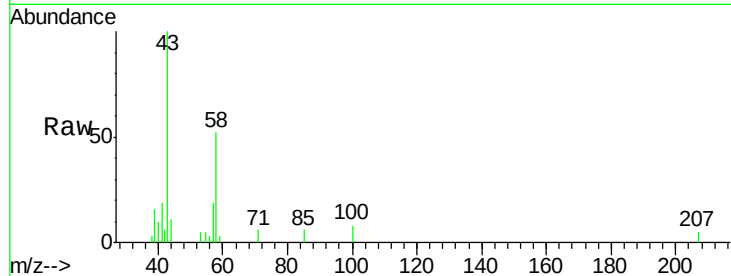




#59
2-Hexanone
Concen: 2.58 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

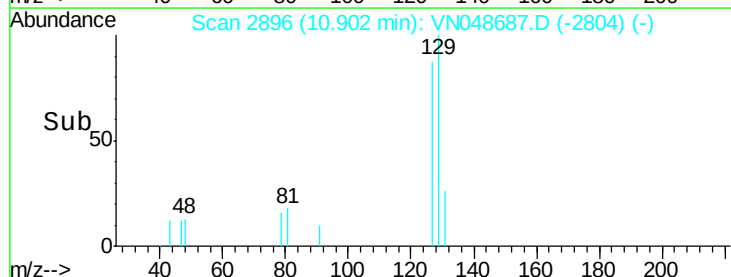
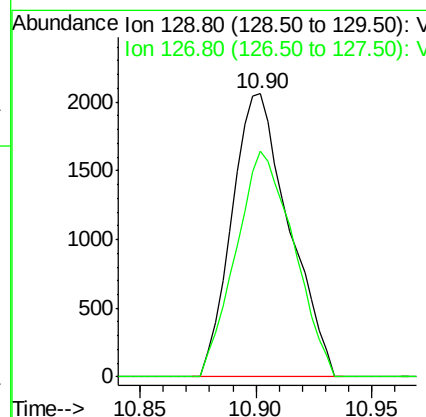
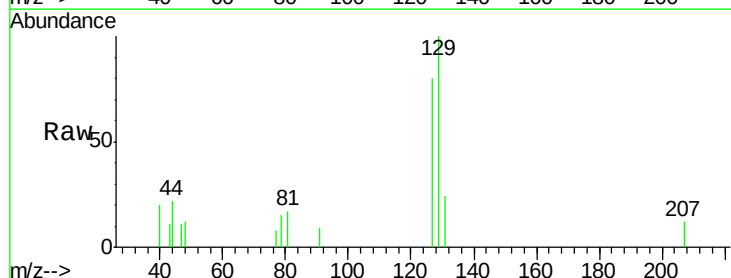
Instrument :
MSVOA_X
ClientSampled :
BFB

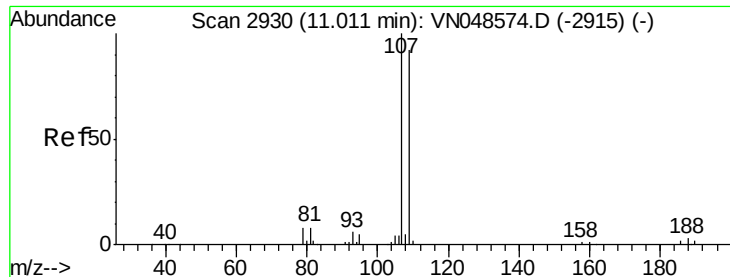
Tgt Ion: 43 Resp: 9720
Ion Ratio Lower Upper
43 100
58 46.7 27.4 82.0



#60
Dibromochloromethane
Concen: 0.70 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion: 129 Resp: 3529
Ion Ratio Lower Upper
129 100
127 80.8 38.8 116.4

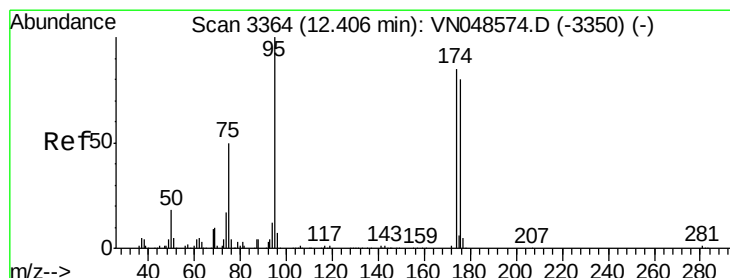
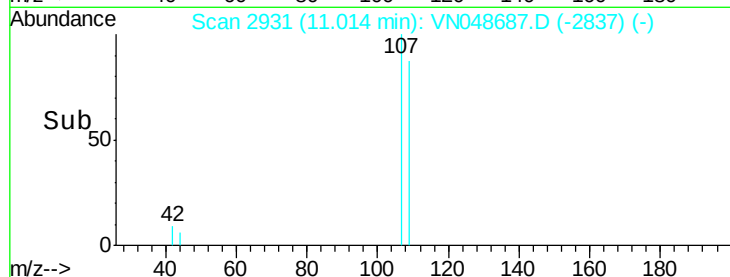
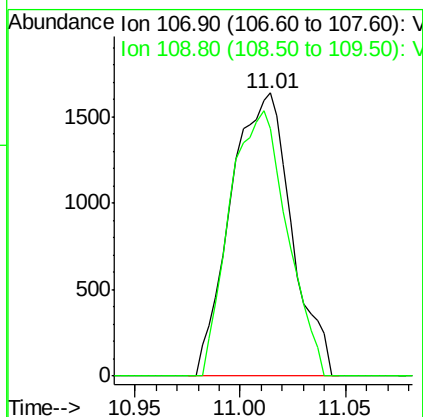
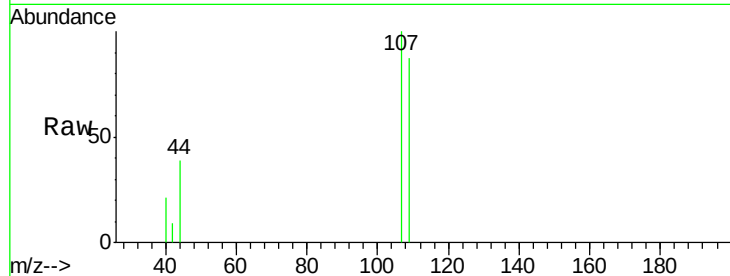




#61
 1,2-Dibromoethane
 Concen: 0.71 ug/l
 RT: 11.01 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

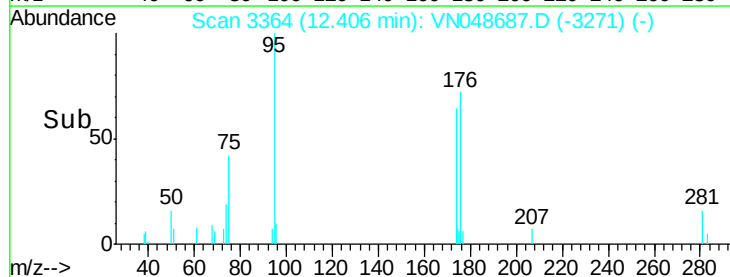
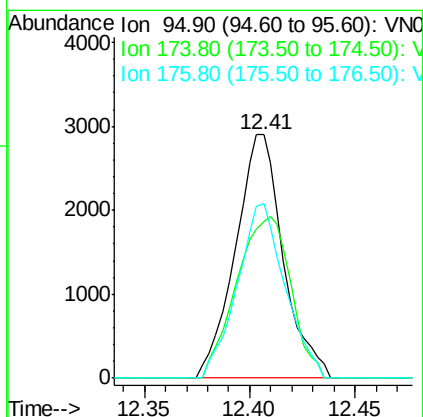
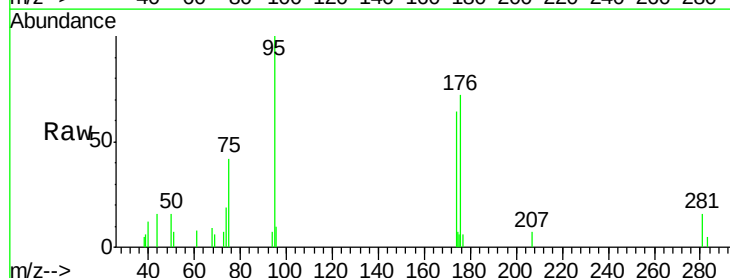
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

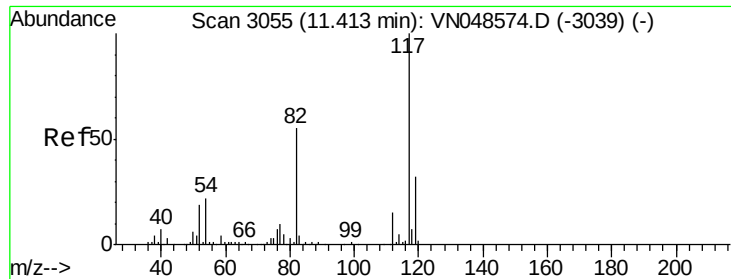
Tgt Ion: 107 Resp: 3276
 Ion Ratio Lower Upper
 107 100
 109 88.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 0.79 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 95 Resp: 4566
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 173.8
 176 71.4 0.0 170.0

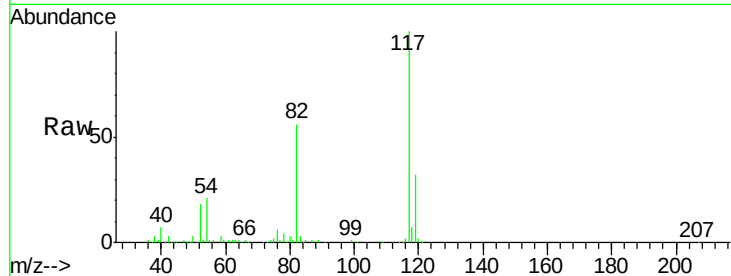




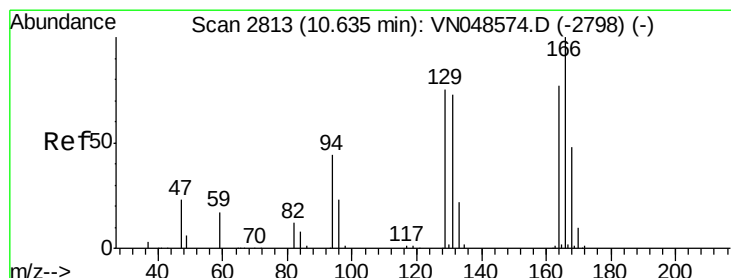
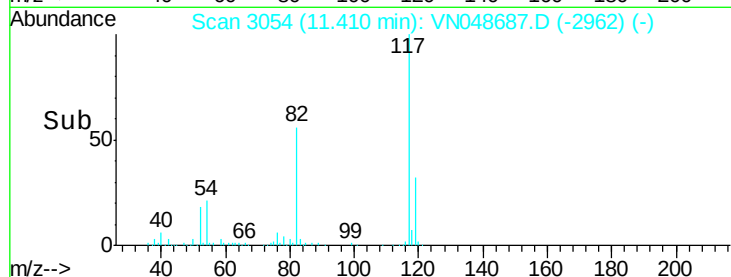
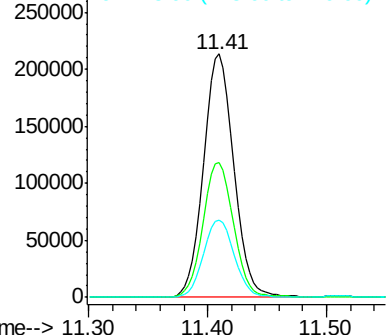
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:117 Resp: 378691
Ion Ratio Lower Upper
117 100
82 55.6 42.8 64.2
119 31.7 26.0 39.0

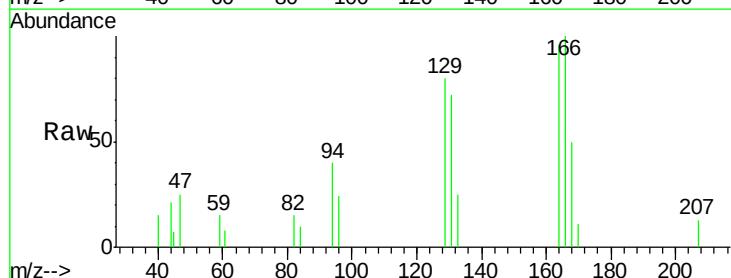


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

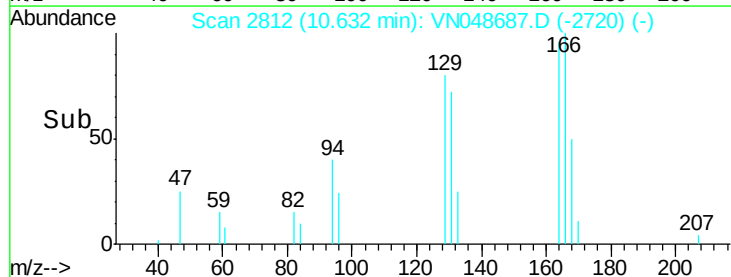
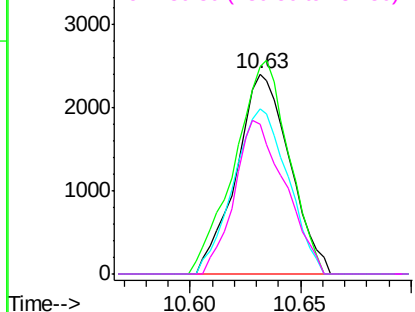


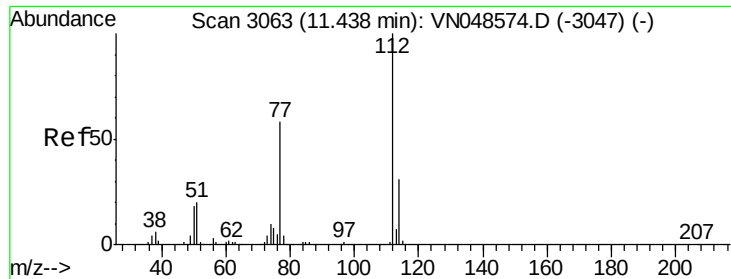
#64
Tetrachloroethene
Concen: 0.97 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion:164 Resp: 4021
Ion Ratio Lower Upper
164 100
166 104.0 102.7 154.1
129 82.8 74.3 111.5
131 75.1 71.4 107.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

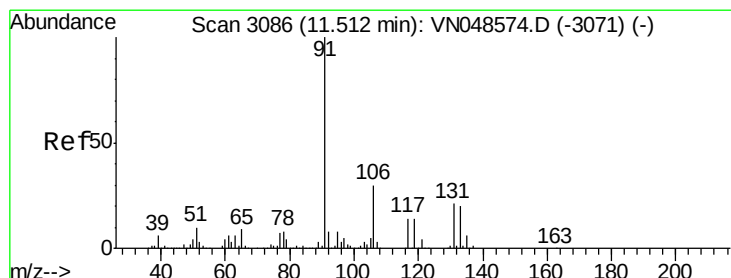
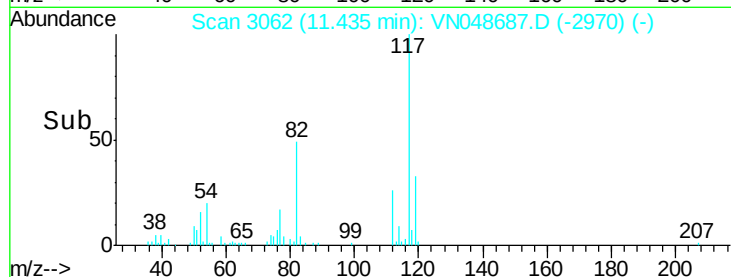
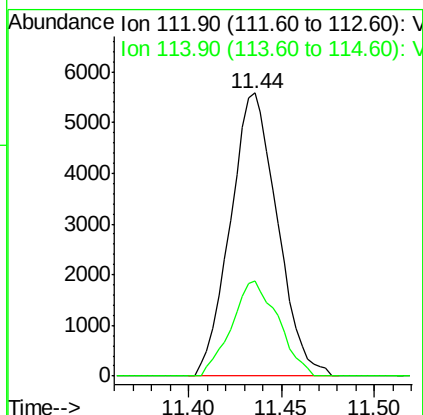
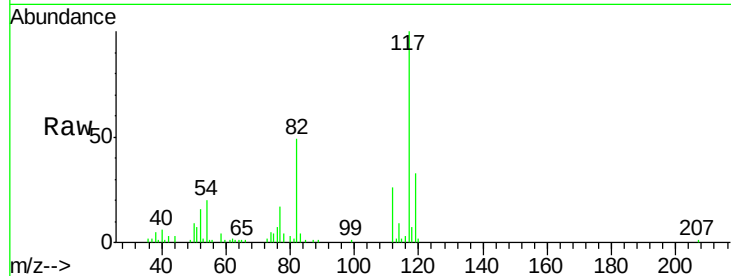




#65
Chlorobenzene
Concen: 0.83 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

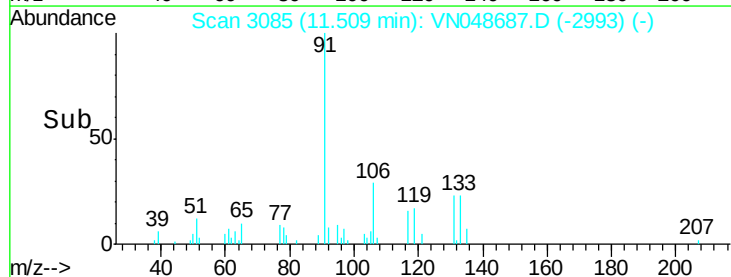
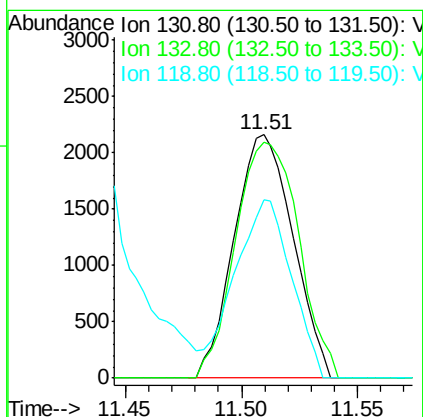
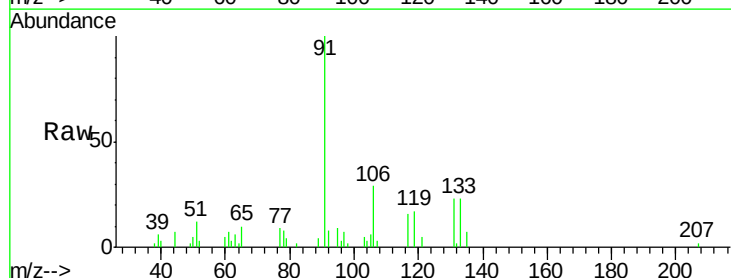
Instrument :
MSVOA_X
ClientSampleId :
BFB

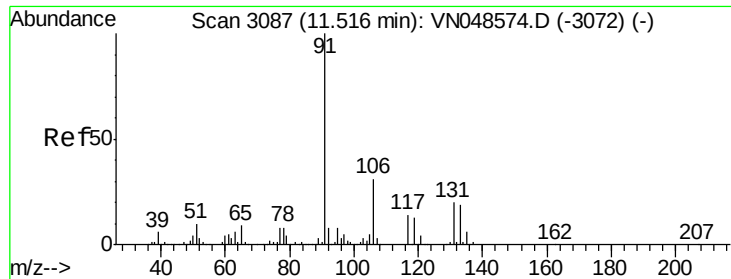
Tgt Ion:112 Resp: 9856
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.87 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion:131 Resp: 3808
Ion Ratio Lower Upper
131 100
133 104.0 47.8 143.4
119 0.0 33.1 99.3#





#67

Ethyl Benzene

Concen: 0.81 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

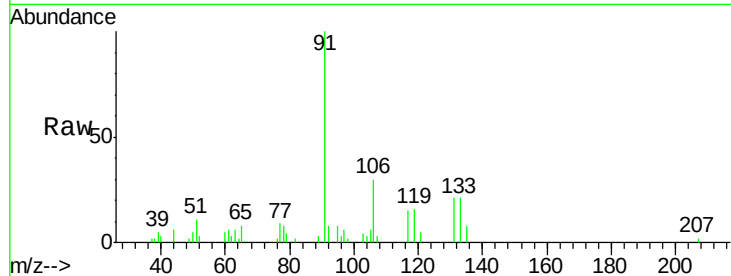
BFB

Tgt Ion: 91 Resp: 16451

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3

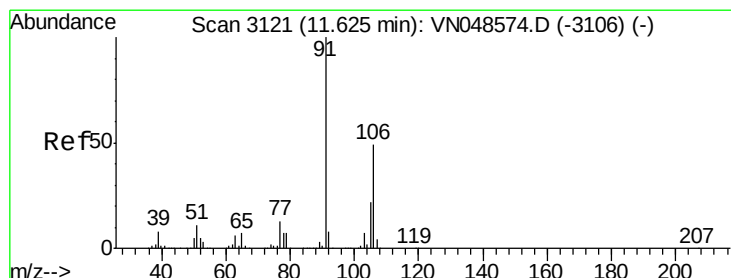
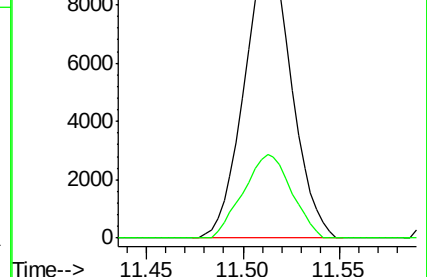
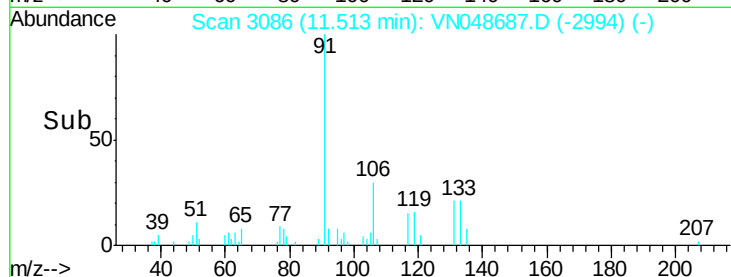


Abundance Ion 91.00 (90.70 to 91.70): VN048574.D (-3072) (-)

Ion 106.00 (105.70 to 106.70): VN048574.D (-3072) (-)

11.51

Time-->



#68

m/p-Xylenes

Concen: 1.55 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN048687.D

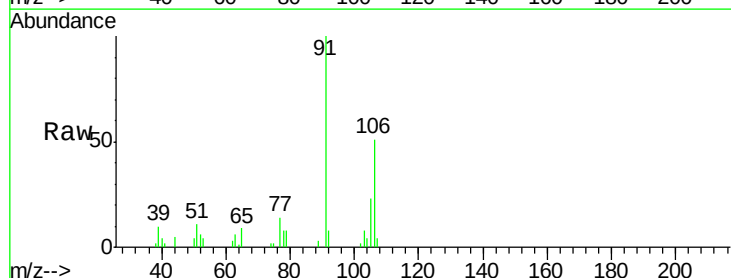
Acq: 29 May 2018 10:48

Tgt Ion: 106 Resp: 11569

Ion Ratio Lower Upper

106 100

91 196.9 163.4 245.0

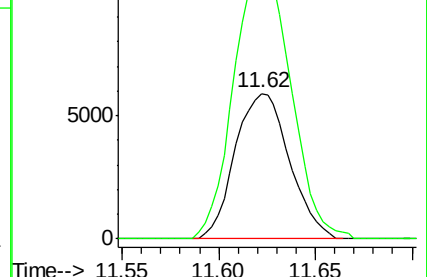
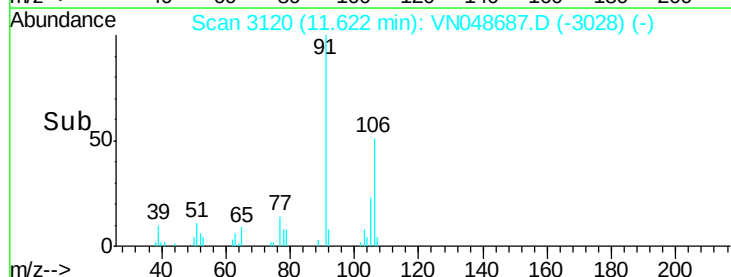


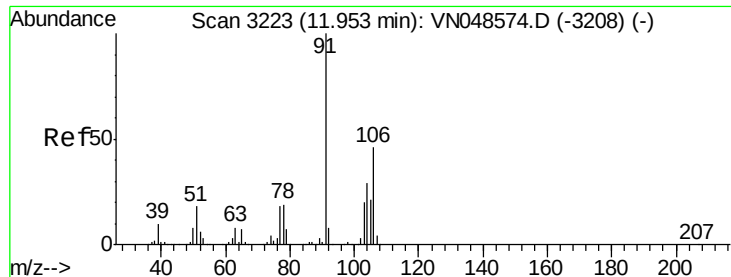
Abundance Ion 106.00 (105.70 to 106.70): VN048574.D (-3106) (-)

Ion 91.00 (90.70 to 91.70): VN048574.D (-3106) (-)

11.62

Time-->

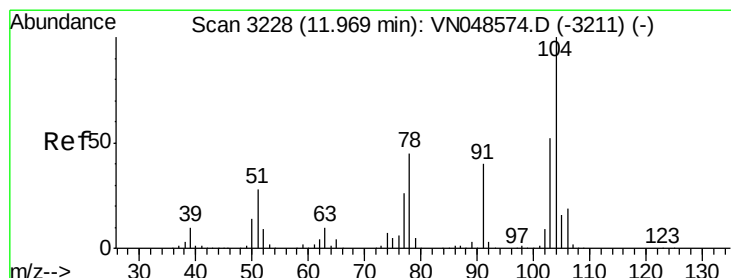
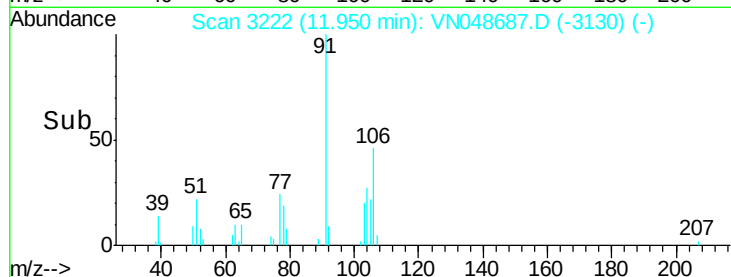
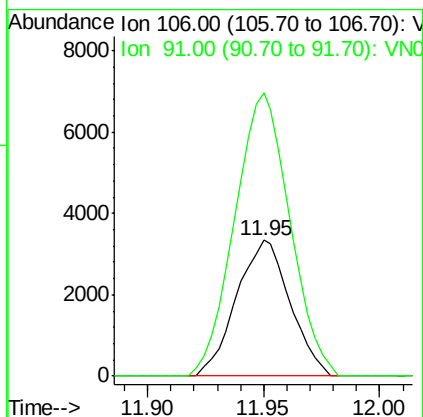
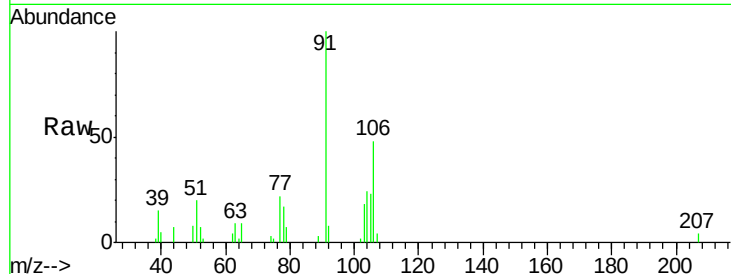




#69
o-Xylene
Concen: 0.73 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

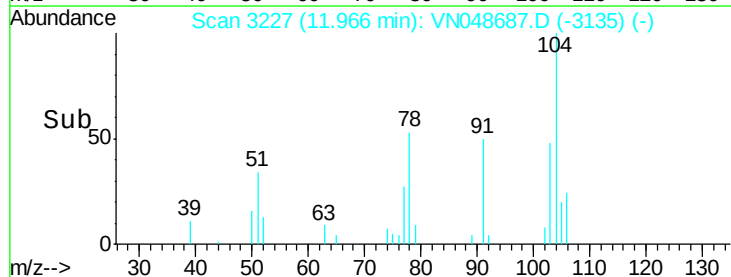
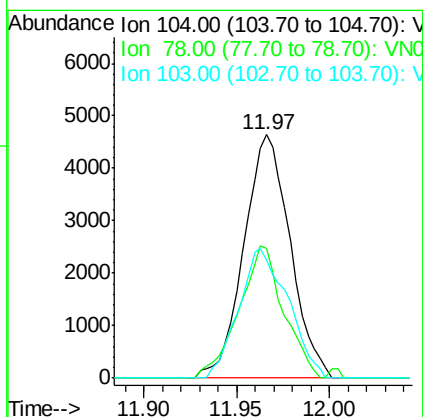
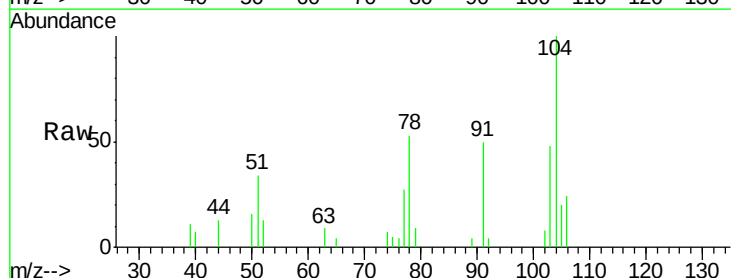
Instrument :
MSVOA_X
ClientSampled :
BFB

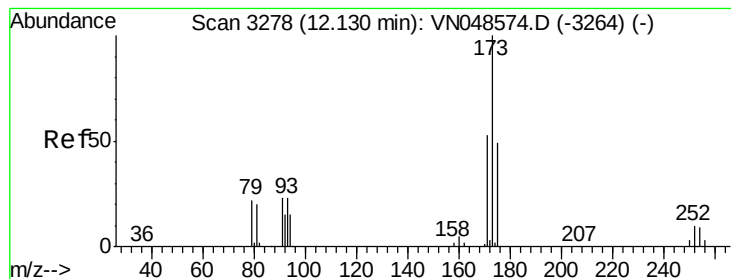
Tgt Ion:106 Resp: 5359
Ion Ratio Lower Upper
106 100
91 214.6 107.9 323.7



#70
Styrene
Concen: 0.69 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN048687.D
Acq: 29 May 2018 10:48

Tgt Ion:104 Resp: 8026
Ion Ratio Lower Upper
104 100
78 52.5 39.8 59.8
103 56.7 44.6 66.8





#71

Bromoform

Concen: 0.67 ug/l

RT: 12.13 min Scan# 3279

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

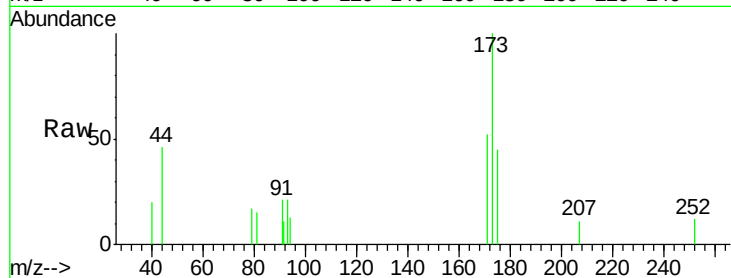
Tgt Ion:173 Resp: 2216

Ion Ratio Lower Upper

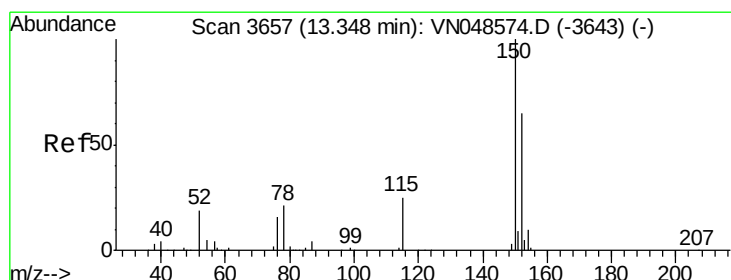
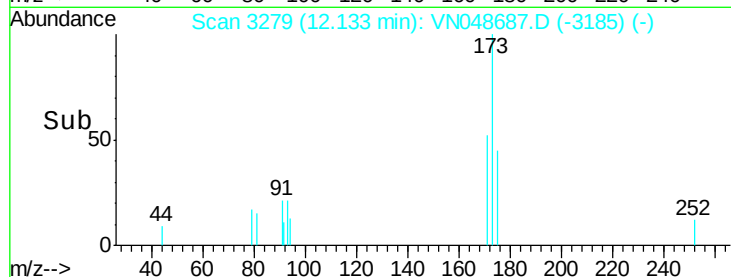
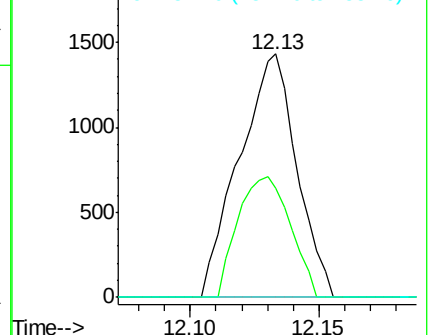
173 100

175 45.3 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

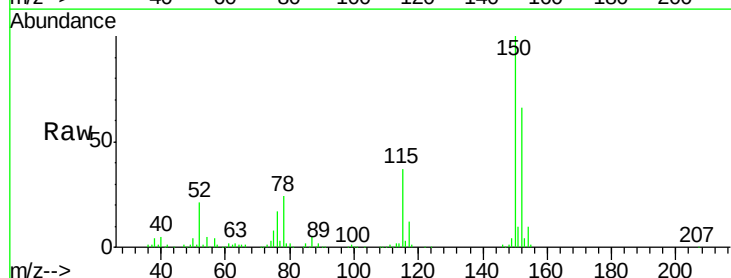
Tgt Ion:152 Resp: 168152

Ion Ratio Lower Upper

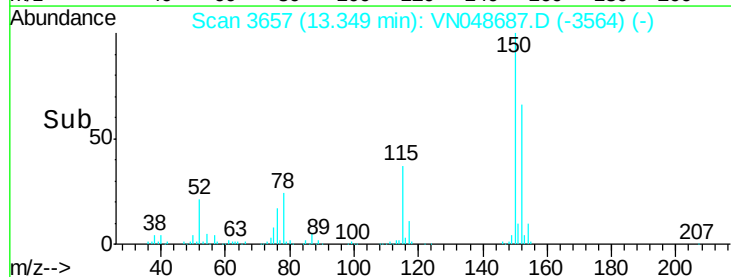
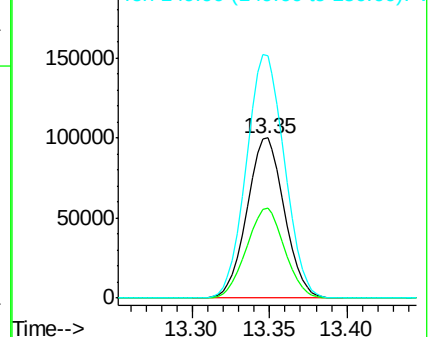
152 100

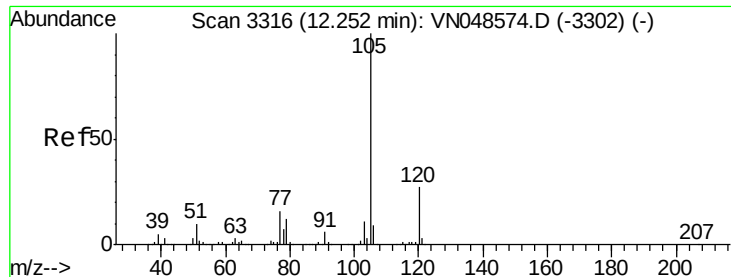
115 57.1 28.1 84.4

150 155.3 0.0 353.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.85 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

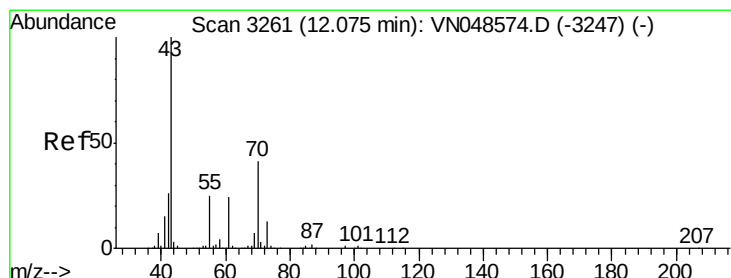
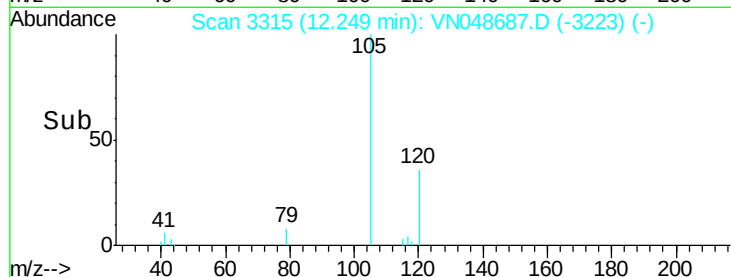
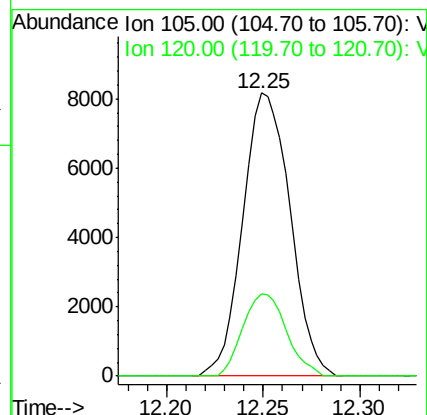
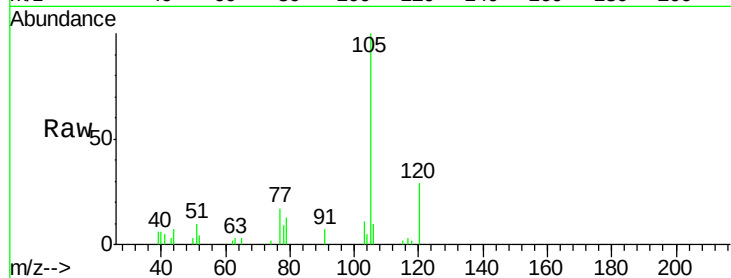
BFB

Tgt Ion: 105 Resp: 13885

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 0.66 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Tgt Ion: 43 Resp: 3894

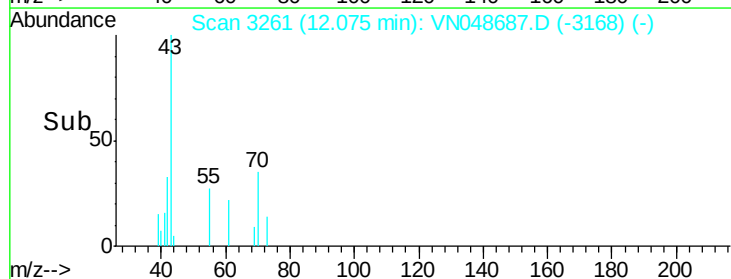
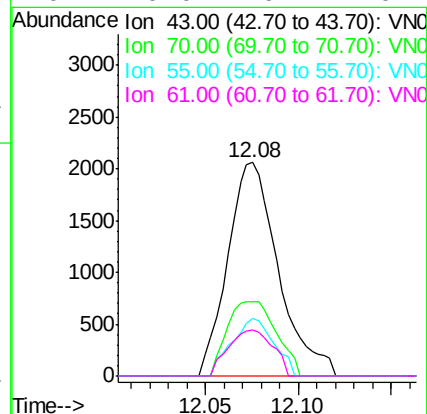
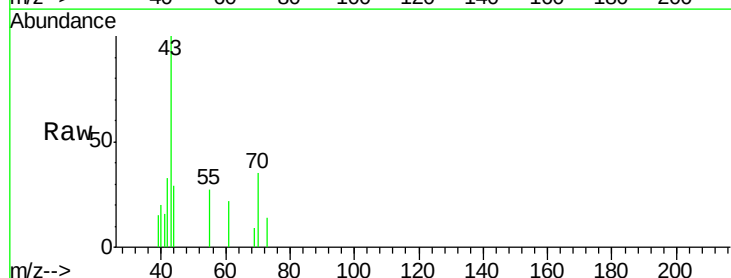
Ion Ratio Lower Upper

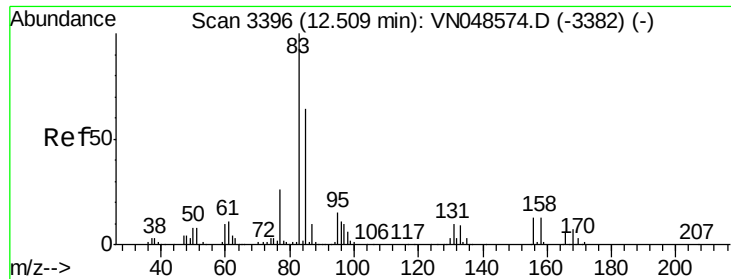
43 100

70 33.8 33.7 50.5

55 22.5 19.3 28.9

61 19.0 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.76 ug/l

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

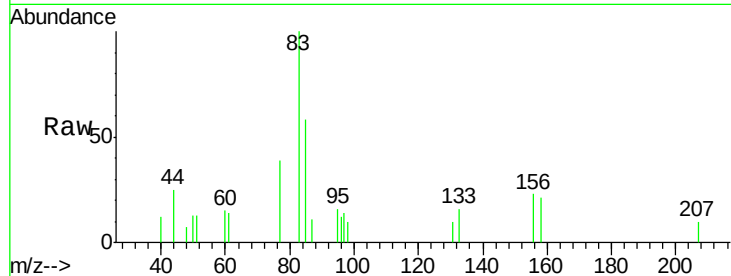
Tgt Ion: 83 Resp: 3800

Ion Ratio Lower Upper

83 100

131 8.8 5.3 15.8

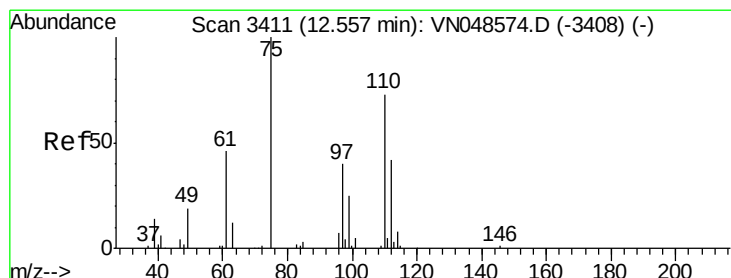
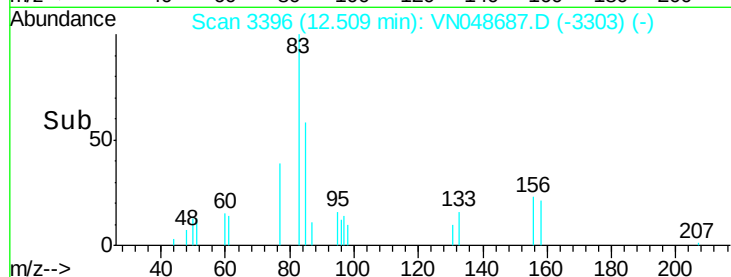
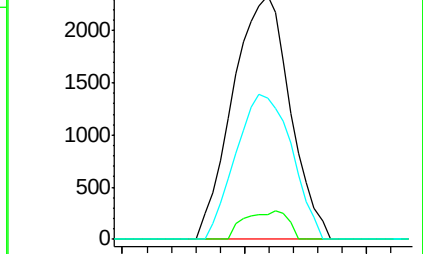
85 58.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.20 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN048687.D

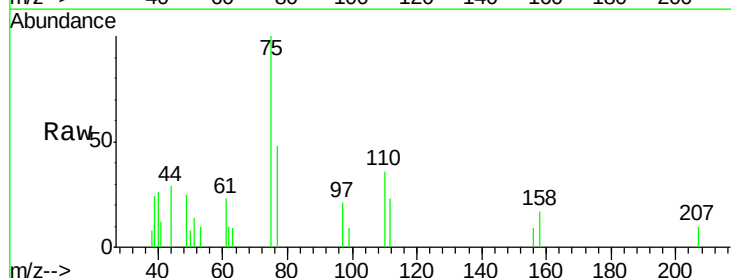
Acq: 29 May 2018 10:48

Tgt Ion: 75 Resp: 4491

Ion Ratio Lower Upper

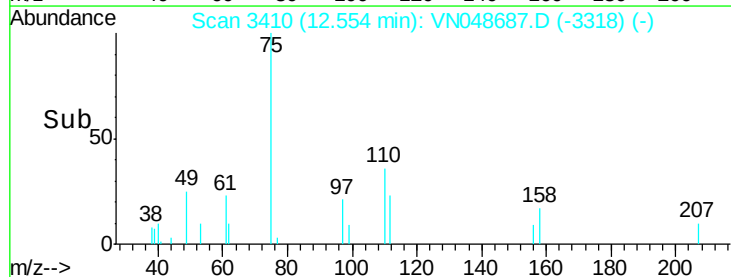
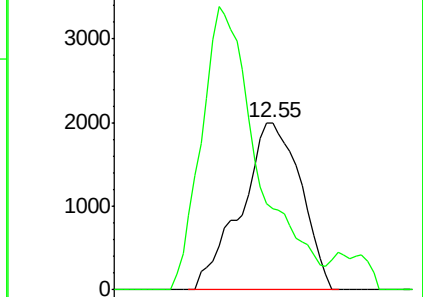
75 100

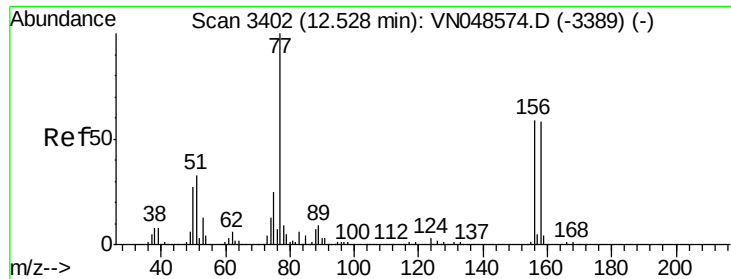
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.91 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

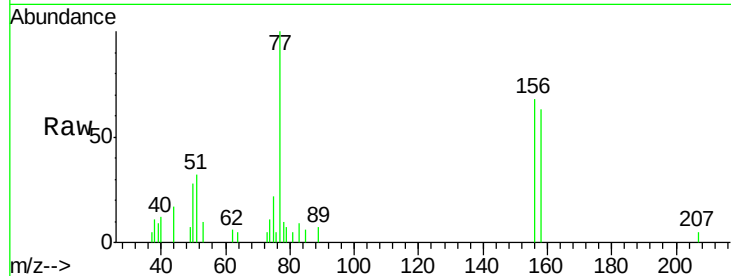
Tgt Ion:156 Resp: 3627

Ion Ratio Lower Upper

156 100

77 199.4 93.3 280.1

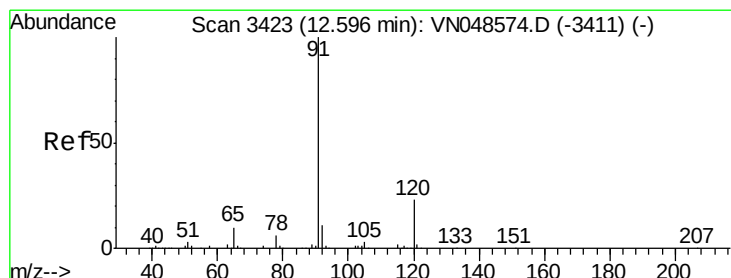
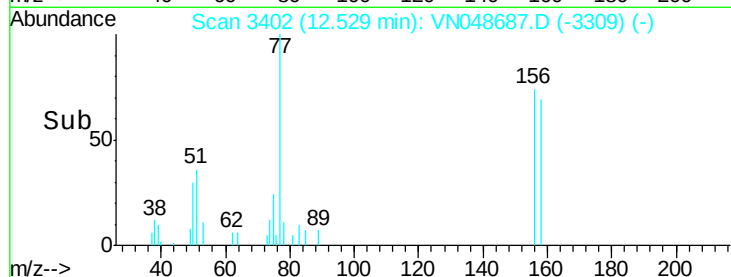
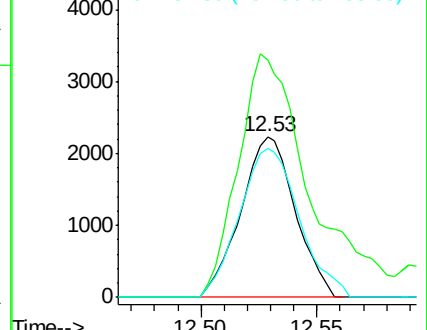
158 102.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.82 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN048687.D

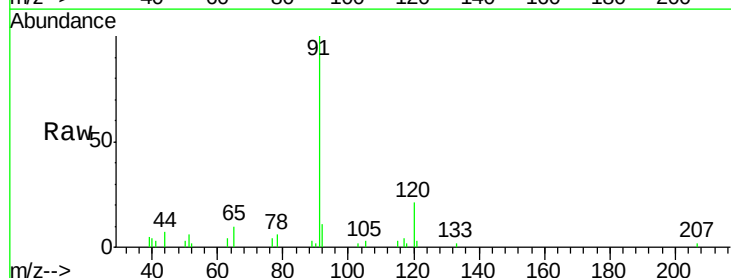
Acq: 29 May 2018 10:48

Tgt Ion: 91 Resp: 15347

Ion Ratio Lower Upper

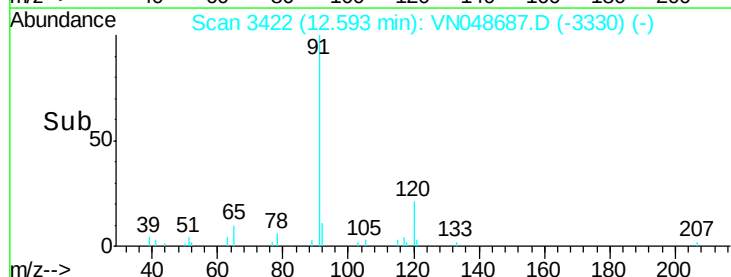
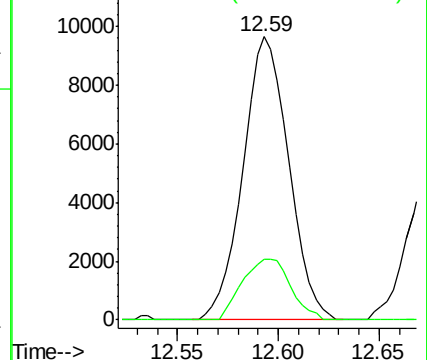
91 100

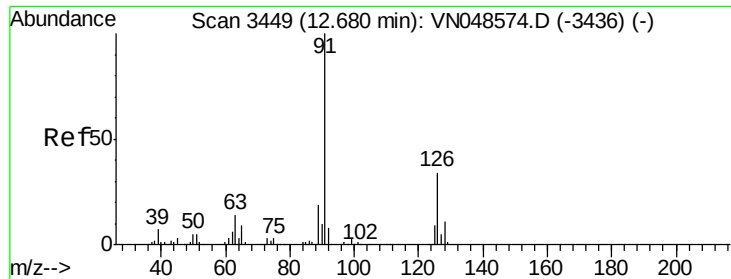
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

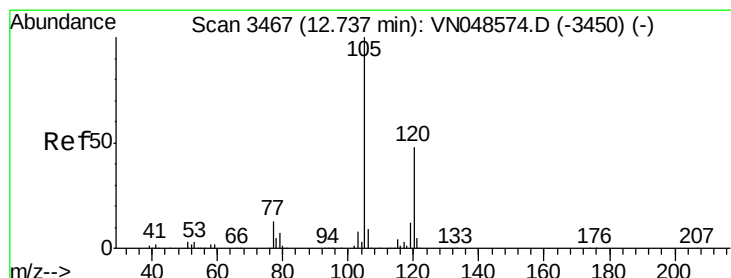
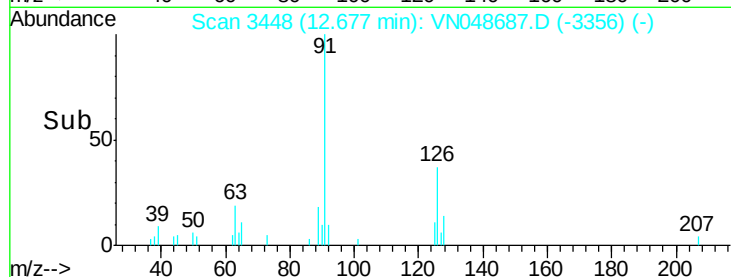
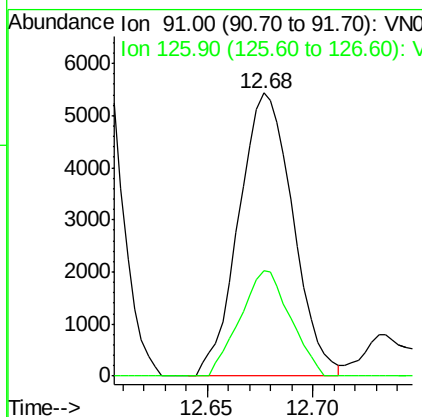
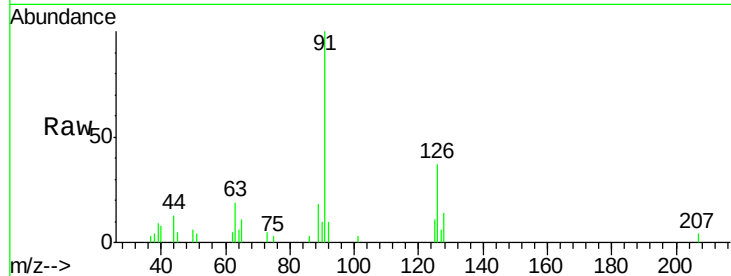




#79
 2-Chlorotoluene
 Concen: 0.85 ug/l
 RT: 12.68 min Scan# 3448
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

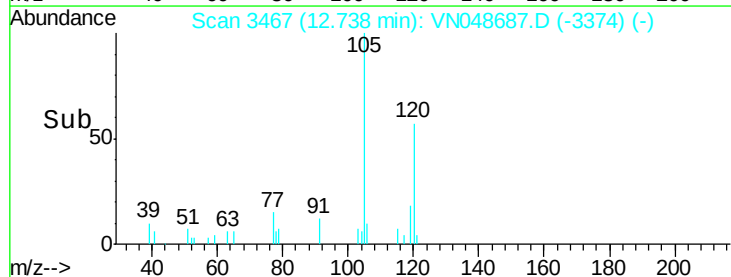
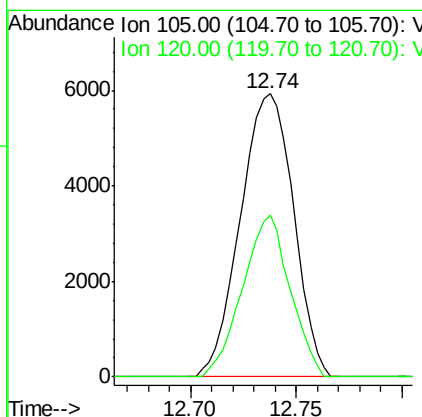
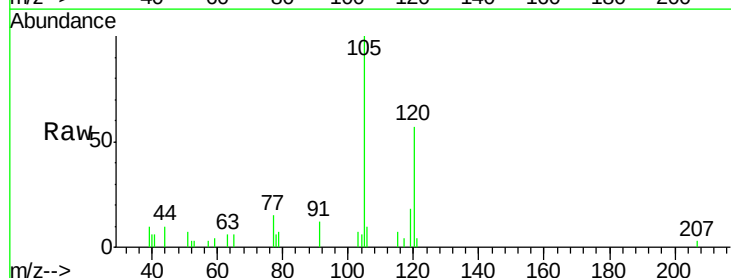
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

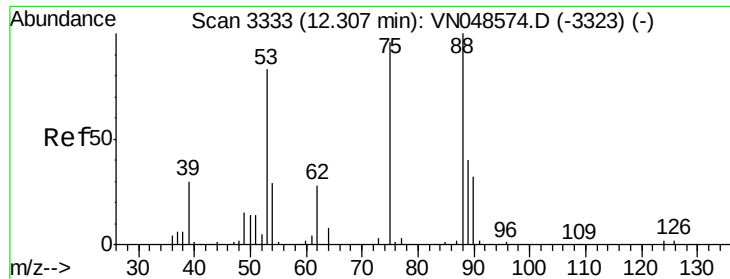
Tgt Ion: 91 Resp: 9686
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 0.78 ug/l
 RT: 12.74 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 105 Resp: 10373
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 0.79 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

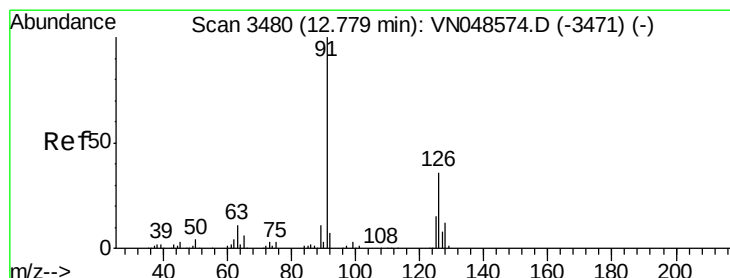
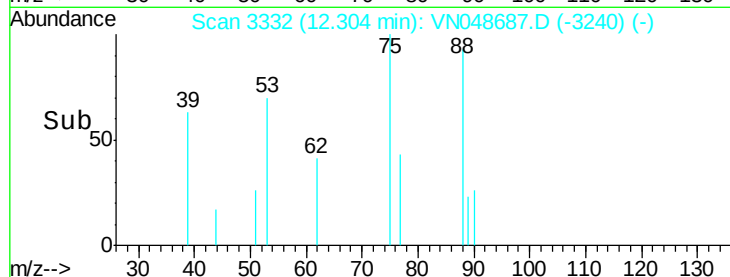
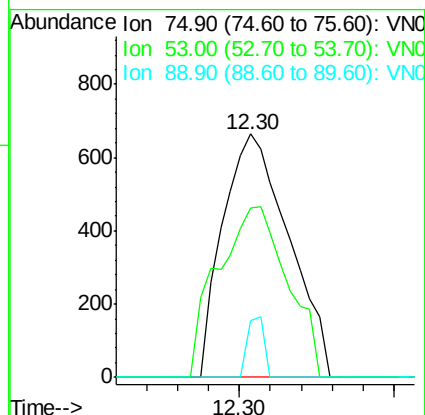
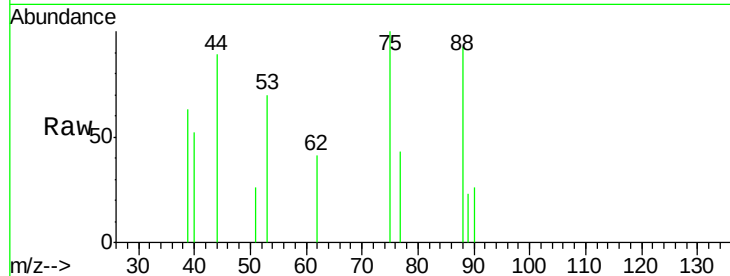
Tgt Ion: 75 Resp: 984

Ion Ratio Lower Upper

75 100

53 74.6 72.0 108.0

89 6.3 35.2 52.8#



#82

4-Chlorotoluene

Concen: 0.84 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. -0.00 min

Lab File: VN048687.D

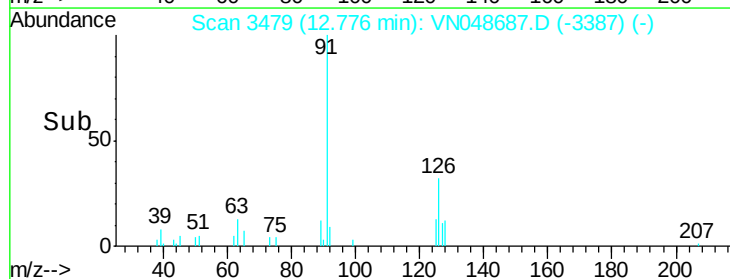
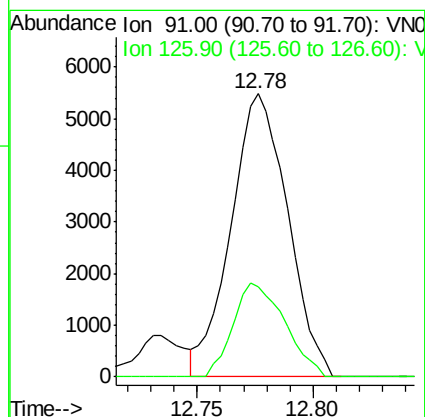
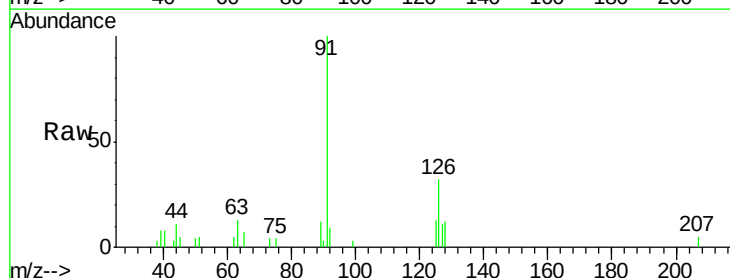
Acq: 29 May 2018 10:48

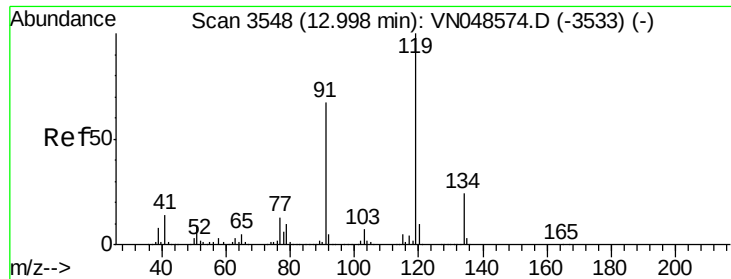
Tgt Ion: 91 Resp: 9313

Ion Ratio Lower Upper

91 100

126 30.2 17.2 51.6

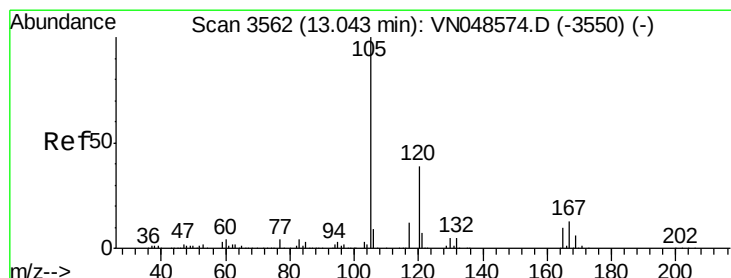
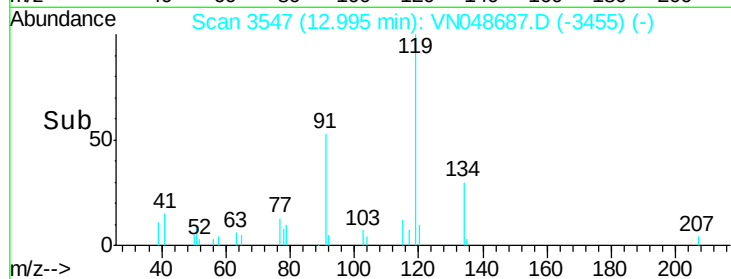
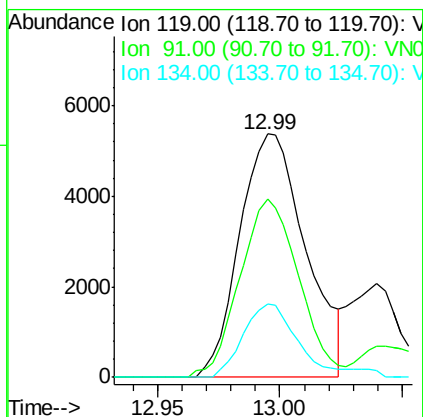
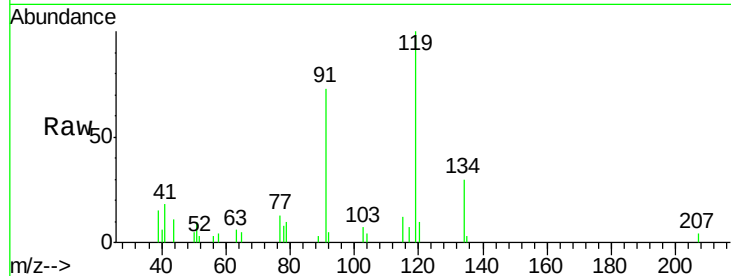




#83
 tert-Butylbenzene
 Concen: 0.87 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

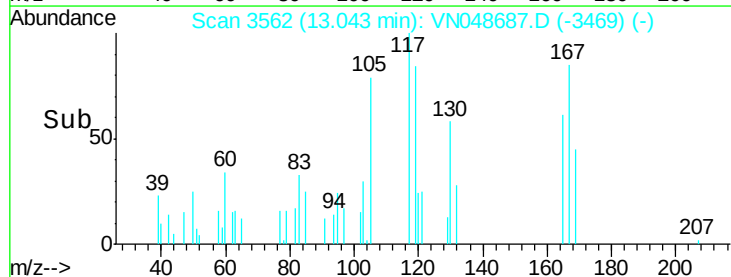
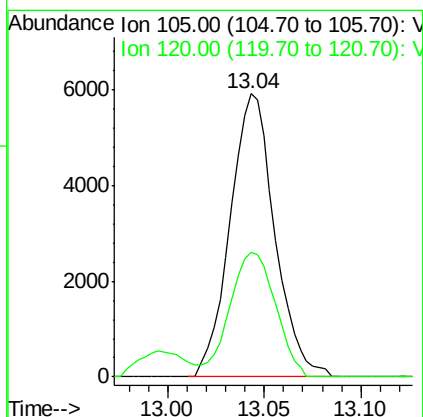
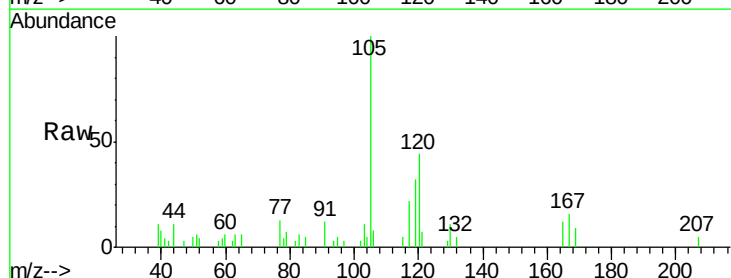
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

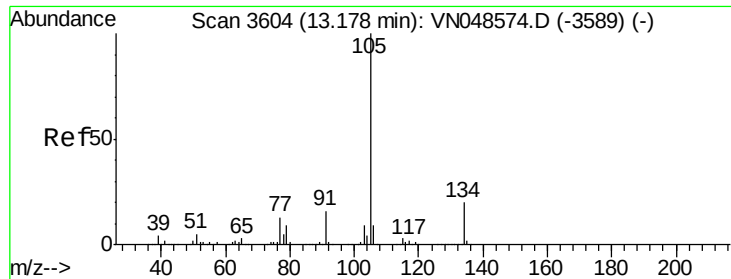
Tgt Ion:119 Resp: 10099
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.2 96.6
 134 26.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 0.72 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion:105 Resp: 9487
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.0





#85

sec-Butylbenzene

Concen: 0.78 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

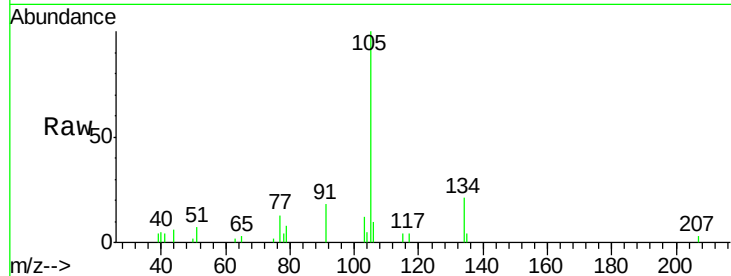
BFB

Tgt Ion:105 Resp: 12048

Ion Ratio Lower Upper

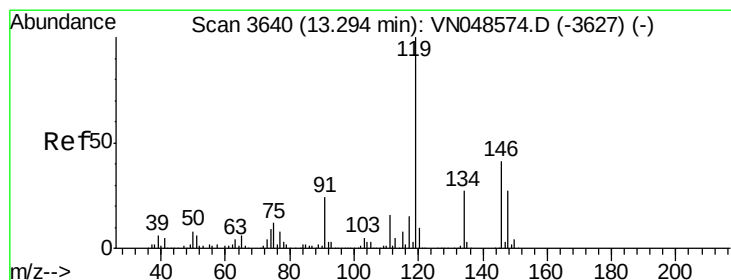
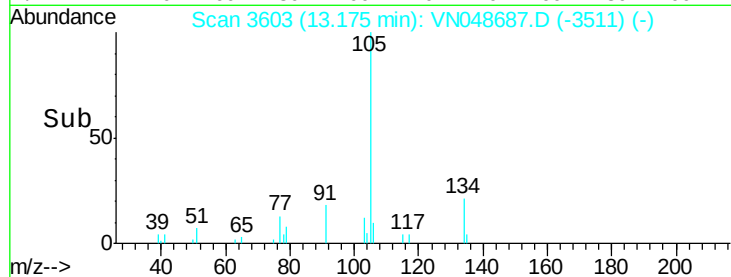
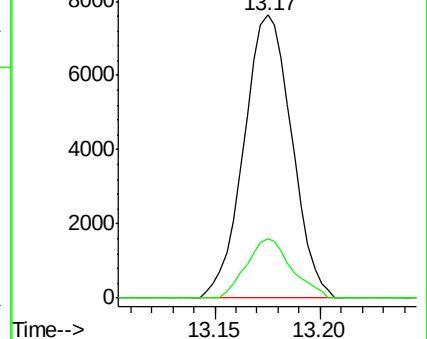
105 100

134 19.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.75 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

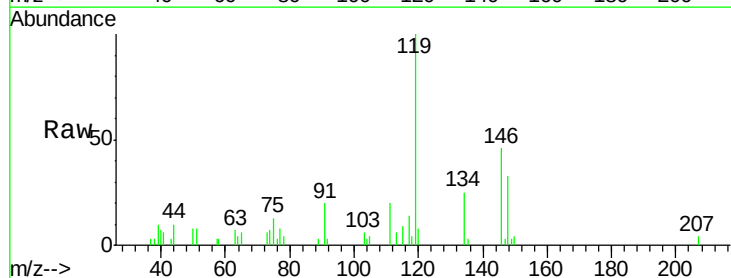
Tgt Ion:119 Resp: 9828

Ion Ratio Lower Upper

119 100

134 25.4 13.5 40.4

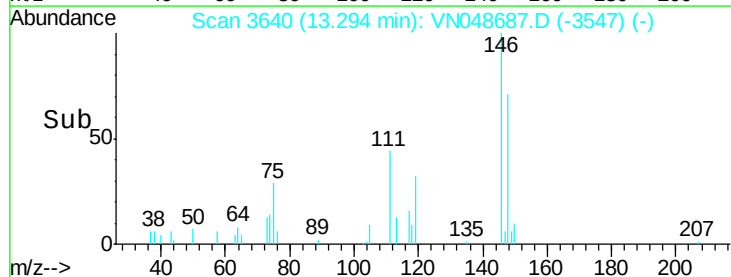
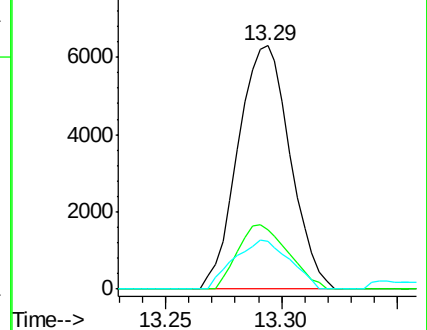
91 21.4 11.4 34.2

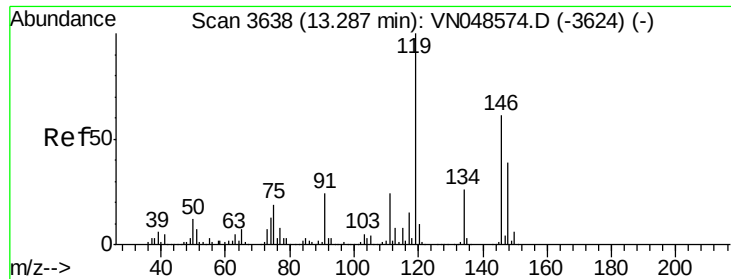


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

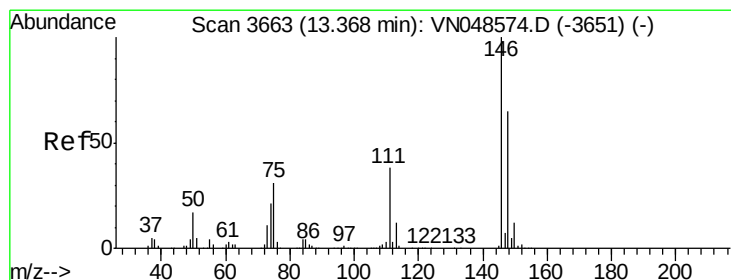
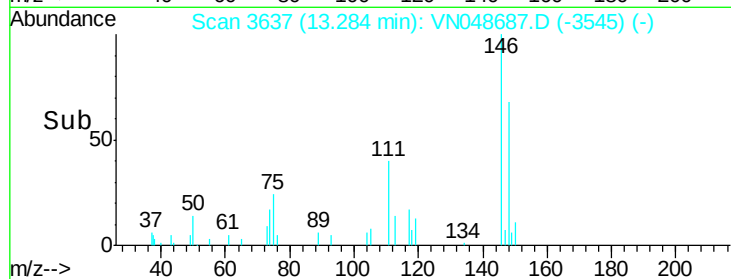
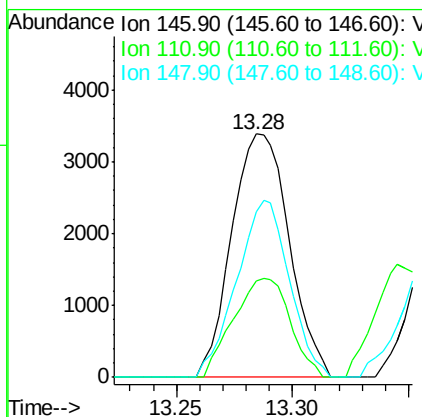
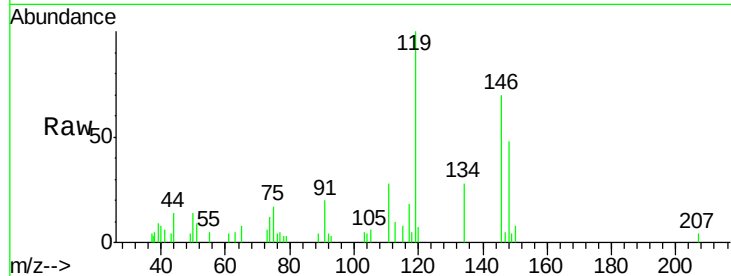




#87
 1,3-Dichlorobenzene
 Concen: 0.86 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

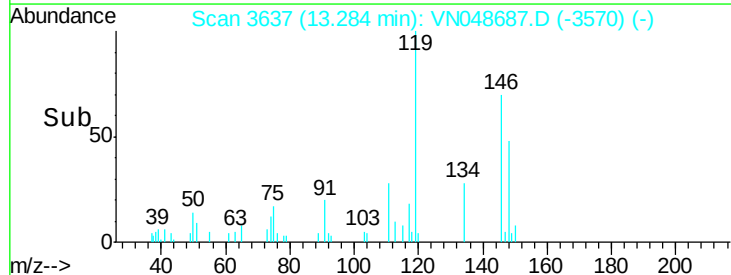
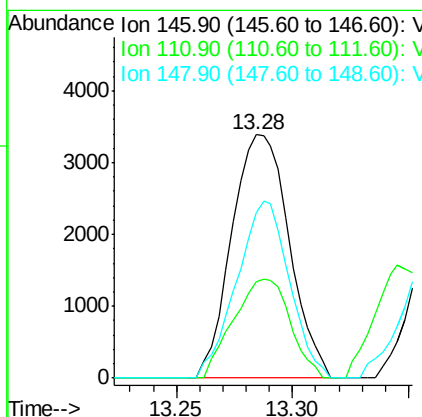
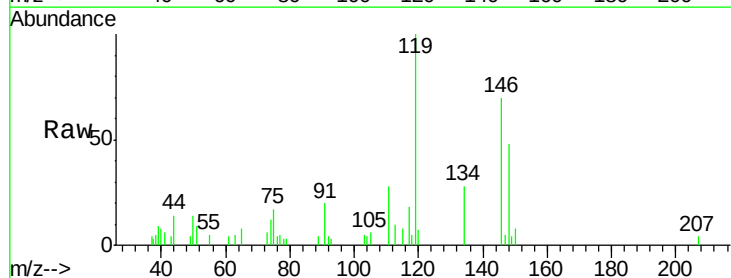
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

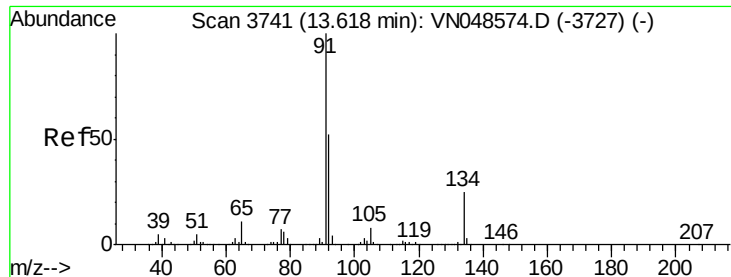
Tgt Ion:146 Resp: 5825
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.3 57.9
 148 66.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.86 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion:146 Resp: 5825
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.9 56.5
 148 66.6 32.2 96.6





#89

n-Butylbenzene

Concen: 0.79 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

BFB

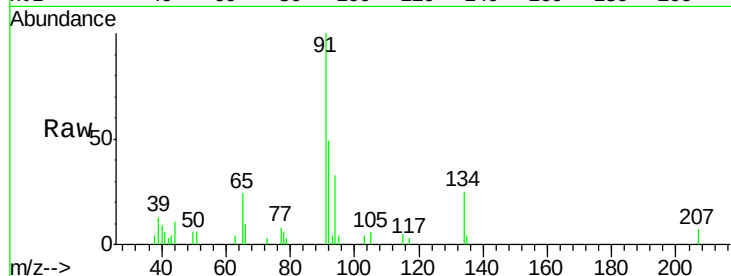
Tgt Ion: 91 Resp: 7987

Ion Ratio Lower Upper

91 100

92 46.4 26.3 78.9

134 25.0 13.5 40.4

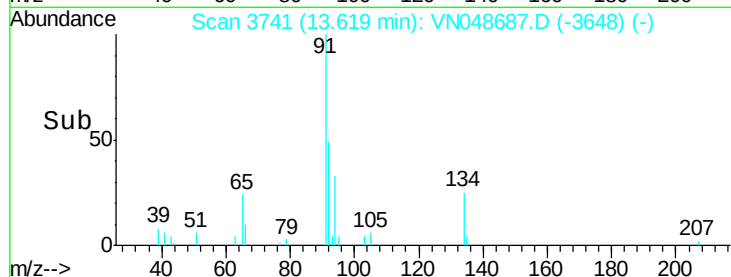


Abundance Ion 91.00 (90.70 to 91.70): VN048574.D (-3727) (-)

Ion 92.00 (91.70 to 92.70): VN048574.D (-3727) (-)

Ion 134.00 (133.70 to 134.70): VN048574.D (-3727) (-)

Time--> 13.55 13.60 13.65

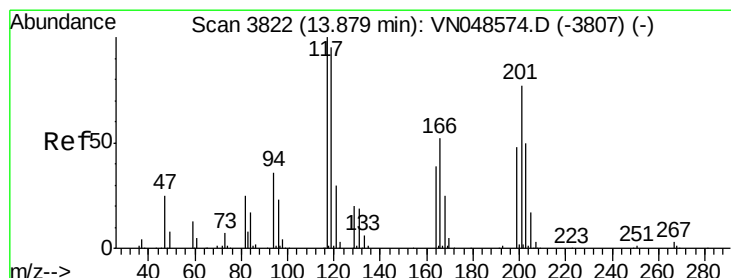


Abundance Ion 91.00 (90.70 to 91.70): VN048687.D (-3648) (-)

Ion 92.00 (91.70 to 92.70): VN048687.D (-3648) (-)

Ion 134.00 (133.70 to 134.70): VN048687.D (-3648) (-)

Time--> 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 0.96 ug/l

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN048687.D

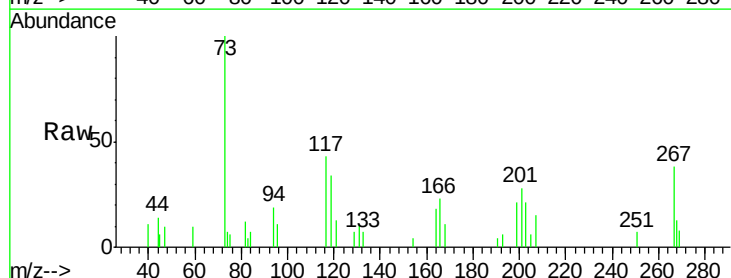
Acq: 29 May 2018 10:48

Tgt Ion: 117 Resp: 2789

Ion Ratio Lower Upper

117 100

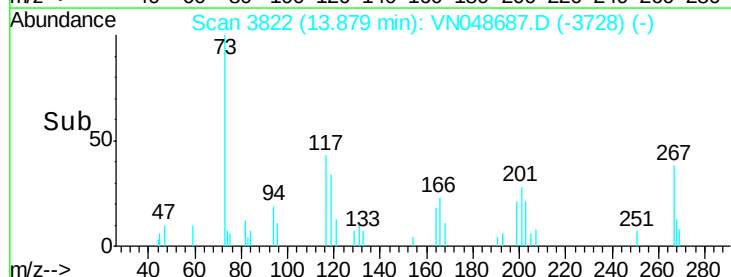
201 69.2 44.6 134.0



Abundance Ion 116.80 (116.50 to 117.50): VN048574.D (-3807) (-)

Ion 200.70 (200.40 to 201.40): VN048574.D (-3807) (-)

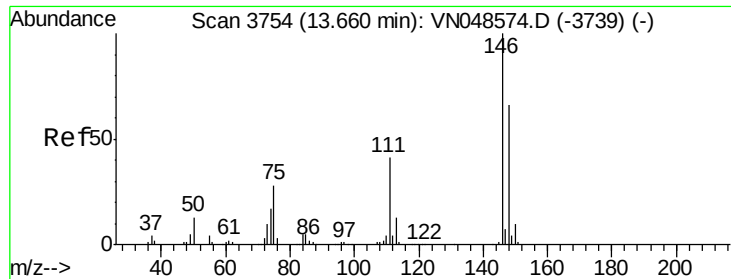
Time--> 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN048687.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN048687.D (-3728) (-)

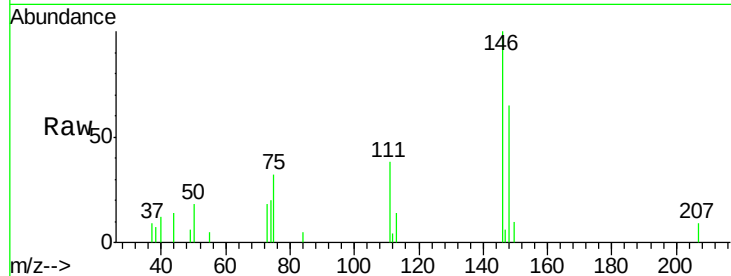
Time--> 13.85 13.90



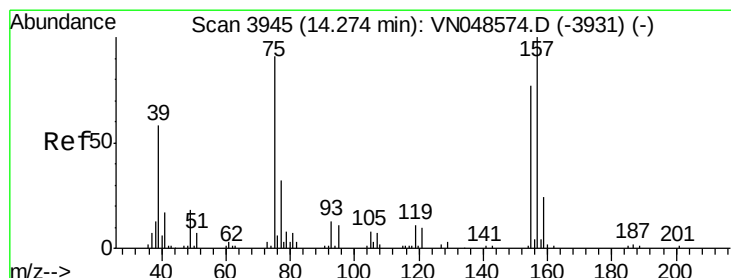
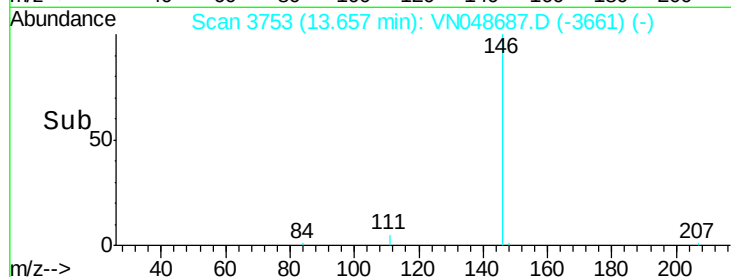
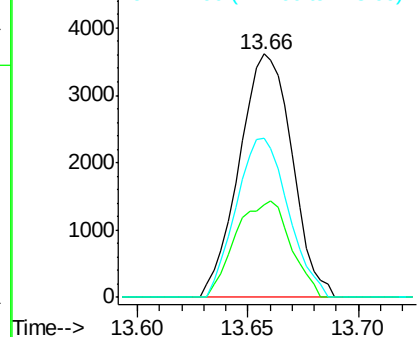
#91
 1,2-Dichlorobenzene
 Concen: 0.90 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 146 Resp: 6000
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.9 59.6
 148 64.2 32.0 96.0

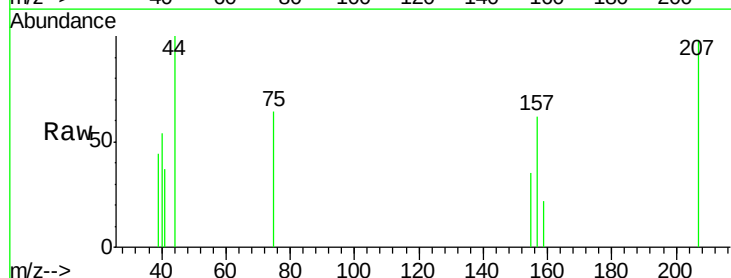


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

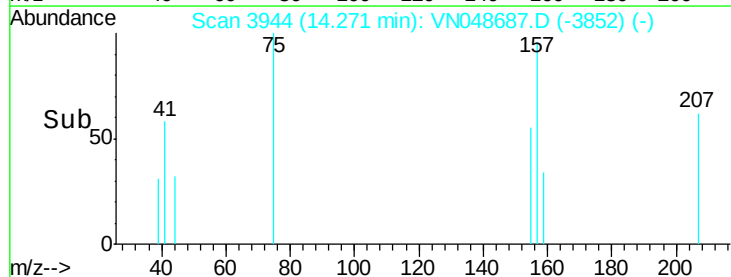
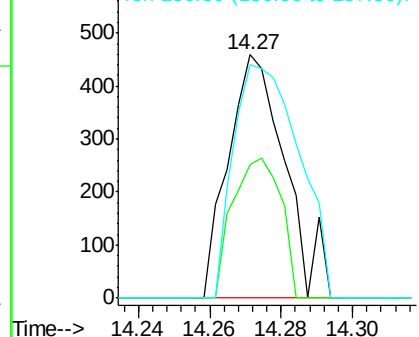


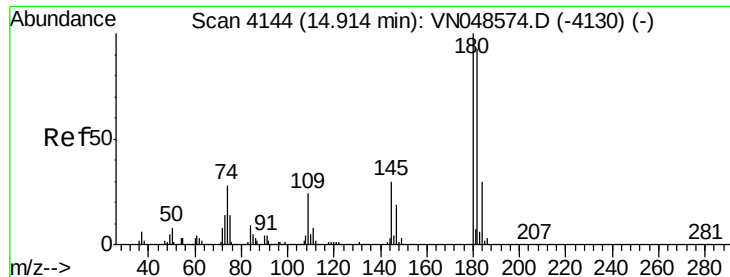
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.66 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion: 75 Resp: 504
 Ion Ratio Lower Upper
 75 100
 155 49.0 47.1 141.4
 157 111.5 60.9 182.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

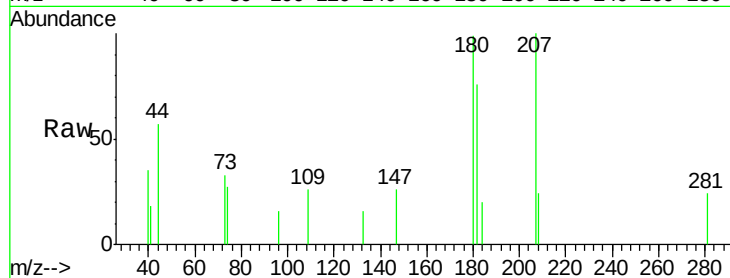




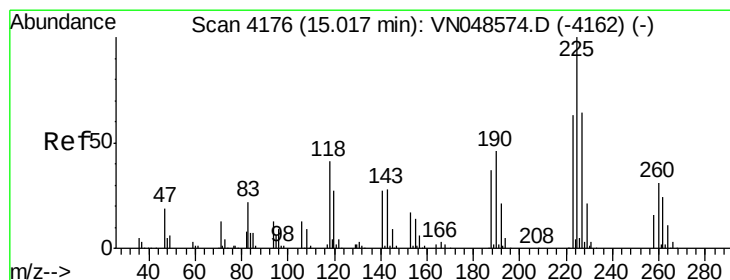
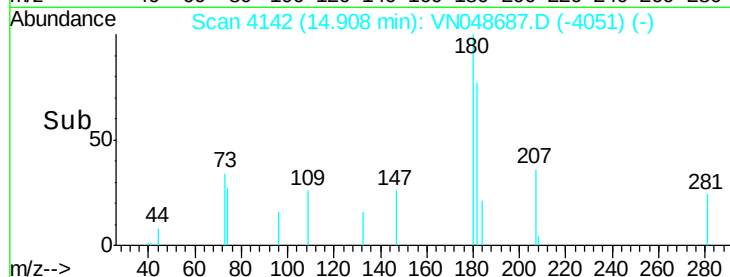
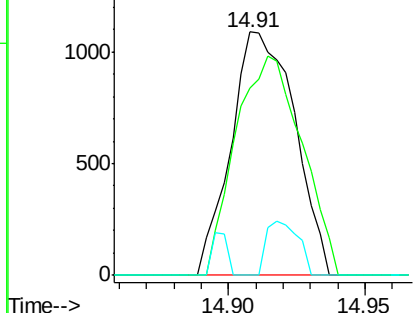
#93
 1,2,4-Trichlorobenzene
 Concen: 0.68 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.01 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion:180 Resp: 1768
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.9 143.8
 145 11.1 14.6 43.8#

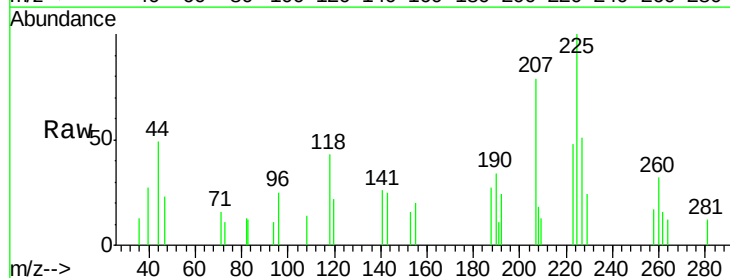


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

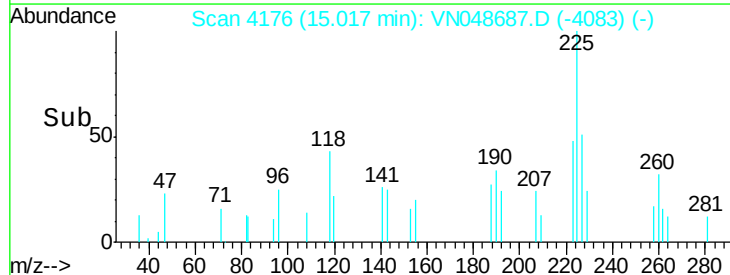
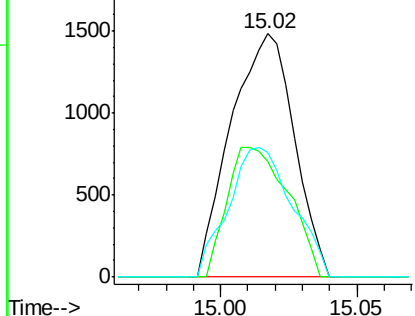


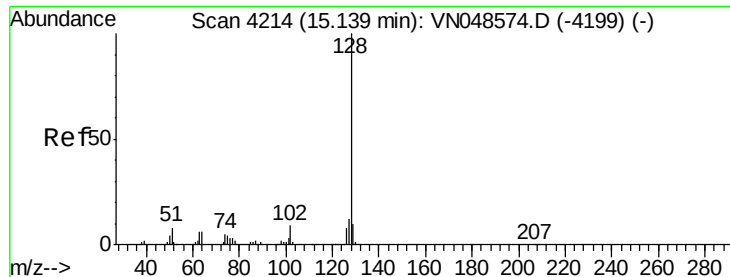
#94
 Hexachlorobutadiene
 Concen: 1.13 ug/l
 RT: 15.02 min Scan# 4176
 Delta R.T. 0.00 min
 Lab File: VN048687.D
 Acq: 29 May 2018 10:48

Tgt Ion:225 Resp: 2382
 Ion Ratio Lower Upper
 225 100
 223 51.9 31.3 93.8
 227 53.7 31.9 95.5



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





#95

Naphthalene

Concen: 0.53 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

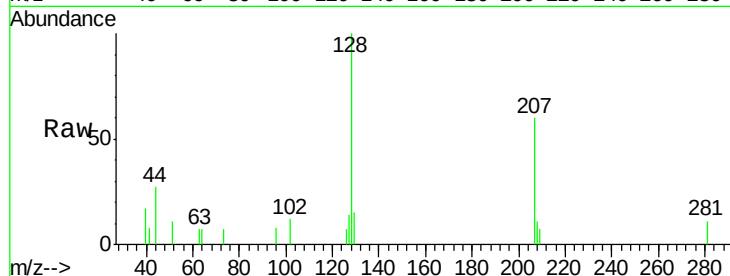
Tgt Ion:128 Resp: 3711

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

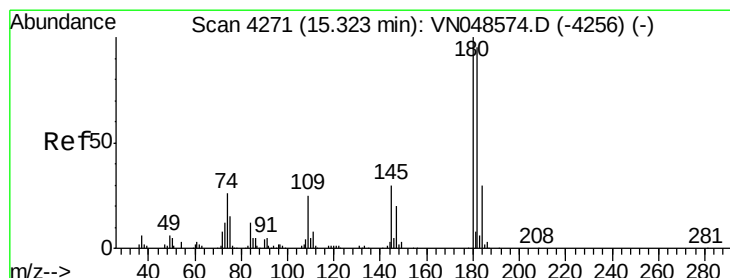
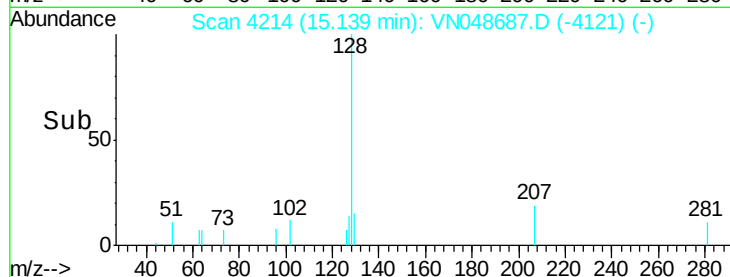
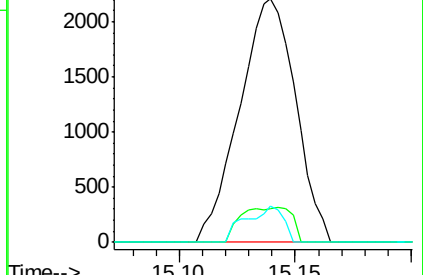
129 9.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.76 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. -0.00 min

Lab File: VN048687.D

Acq: 29 May 2018 10:48

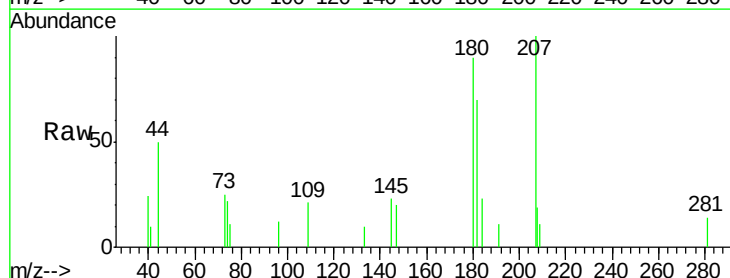
Tgt Ion:180 Resp: 2093

Ion Ratio Lower Upper

180 100

182 94.1 48.4 145.0

145 19.7 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

