

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN041018\
 Data File : VN047485.D
 Acq On : 10 Apr 2018 10:06
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Apr 10 11:52:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 11:52:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	439109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	683321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270620	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	6993	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
35) Dibromofluoromethane	7.59	113	5502	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
50) Toluene-d8	10.09	98	22108	1.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.14%	
62) 4-Bromofluorobenzene	12.40	95	9436	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	6121	0.95	ug/l	89
3) Chloromethane	2.07	50	9436	1.23	ug/l	97
4) Vinyl Chloride	2.18	62	9547	1.10	ug/l	96
5) Bromomethane	2.57	94	8236	1.77	ug/l	93
6) Chloroethane	2.70	64	5801	1.13	ug/l	97
7) Trichlorofluoromethane	3.02	101	12364	1.06	ug/l	91
8) Diethyl Ether	3.41	74	3356	1.02	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.75	101	6153	1.10	ug/l #	88
10) Methyl Iodide	3.95	142	2799	0.32	ug/l #	66
11) Tert butyl alcohol	4.78	59	645	1.60	ug/l #	67
12) 1,1-Dichloroethene	3.73	96	6560	1.23	ug/l	97
13) Acrolein	3.62	56	3148	9.56	ug/l	91
14) Allyl chloride	4.32	41	6618	0.72	ug/l #	60
15) Acrylonitrile	5.00	53	8548	4.32	ug/l #	85
16) Acetone	3.82	43	10672	5.64	ug/l	93
17) Carbon Disulfide	4.05	76	18518	1.11	ug/l	99
18) Methyl Acetate	4.33	43	4429	1.04	ug/l	92
19) Methyl tert-butyl Ether	5.04	73	16761	1.07	ug/l	95
20) Methylene Chloride	4.54	84	8065	1.32	ug/l	93
21) trans-1,2-Dichloroethene	5.03	96	2388	0.42	ug/l	91
22) Diisopropyl ether	5.95	45	19333	1.01	ug/l	96
23) Vinyl Acetate	5.90	43	57391	4.20	ug/l	100
24) 1,1-Dichloroethane	5.85	63	11443	1.05	ug/l	97
25) 2-Butanone	6.84	43	10971	4.55	ug/l	94
26) 2,2-Dichloropropane	6.82	77	10305	1.06	ug/l #	76
27) cis-1,2-Dichloroethene	6.83	96	7237	1.10	ug/l	87
28) Bromochloromethane	7.19	49	2324	0.49	ug/l #	23
29) Tetrahydrofuran	7.22	42	8057	5.59	ug/l #	85
30) Chloroform	7.37	83	10705	0.99	ug/l	95
31) Cyclohexane	7.66	56	21172	2.05	ug/l #	50
32) 1,1,1-Trichloroethane	7.57	97	9864	1.05	ug/l #	52
36) 1,1-Dichloropropene	7.79	75	9087	1.12	ug/l	94
37) Ethyl Acetate	6.92	43	1490	0.30	ug/l #	41
38) Carbon Tetrachloride	7.77	117	9091	1.17	ug/l	90

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN041018\
 Data File : VN047485.D
 Acq On : 10 Apr 2018 10:06
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Apr 10 11:52:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 11:52:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	10953	1.12	ug/l	96
40) Benzene	8.04	78	24709	1.04	ug/l	99
41) Methacrylonitrile	7.17	41	2817	1.04	ug/l #	78
42) 1,2-Dichloroethane	8.13	62	8197	1.04	ug/l	89
43) Isopropyl Acetate	8.16	43	11051	1.12	ug/l #	90
44) Trichloroethene	8.83	130	5974	1.02	ug/l	95
45) 1,2-Dichloropropane	9.12	63	6763	1.07	ug/l	97
46) Dibromomethane	9.21	93	3346	0.90	ug/l	96
47) Bromodichloromethane	9.40	83	8168	1.00	ug/l	96
48) Methyl methacrylate	9.20	41	4890	1.05	ug/l #	91
49) 1,4-Dioxane	9.20	88	1978	39.20	ug/l #	67
51) 4-Methyl-2-Pentanone	9.99	43	25226	4.94	ug/l	100
52) Toluene	10.16	92	14680	1.01	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	7952	0.89	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	9323	0.94	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	5591	1.09	ug/l	97
56) Ethyl methacrylate	10.43	69	7225	0.99	ug/l	92
57) 1,3-Dichloropropane	10.71	76	8032	0.89	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.69	63	5182	2.85	ug/l	93
59) 2-Hexanone	10.76	43	17090	4.78	ug/l	96
60) Dibromochloromethane	10.90	129	5483	0.94	ug/l	99
61) 1,2-Dibromoethane	11.01	107	4397	0.87	ug/l	97
64) Tetrachloroethene	10.63	164	5198	1.10	ug/l	97
65) Chlorobenzene	11.44	112	15463	1.02	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	5775	1.05	ug/l #	64
67) Ethyl Benzene	11.51	91	28090	1.02	ug/l	98
68) m/p-Xylenes	11.63	106	20146	1.96	ug/l	100
69) o-Xylene	11.95	106	10278	1.03	ug/l	98
70) Styrene	11.97	104	15201	0.93	ug/l	97
71) Bromoform	12.13	173	3395	0.93	ug/l #	92
73) Isopropylbenzene	12.25	105	25992	1.14	ug/l	100
74) N-amyl acetate	12.07	43	8198	1.08	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	6111	1.12	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	7384	1.73	ug/l #	100
77) Bromobenzene	12.53	156	5674	1.10	ug/l	98
78) n-propylbenzene	12.60	91	30380	1.10	ug/l	99
79) 2-Chlorotoluene	12.68	91	18110	1.15	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	20756	1.08	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.30	75	1523	0.87	ug/l	94
82) 4-Chlorotoluene	12.78	91	17672	1.08	ug/l	99
83) tert-Butylbenzene	13.00	119	19235	1.19	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	21359	1.09	ug/l	98
85) sec-Butylbenzene	13.18	105	24392	1.06	ug/l	99
86) p-Isopropyltoluene	13.29	119	19201	0.99	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	10220	1.06	ug/l	99
88) 1,4-Dichlorobenzene	13.29	146	10220	1.07	ug/l	98
89) n-Butylbenzene	13.62	91	15841	0.87	ug/l	97
90) Hexachloroethane	13.88	117	4429	1.16	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	9630	1.06	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	896	0.99	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN041018\
Data File : VN047485.D
Acq On : 10 Apr 2018 10:06
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Apr 10 11:52:49 2018
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 11:52:17 2018
Response via : Initial Calibration

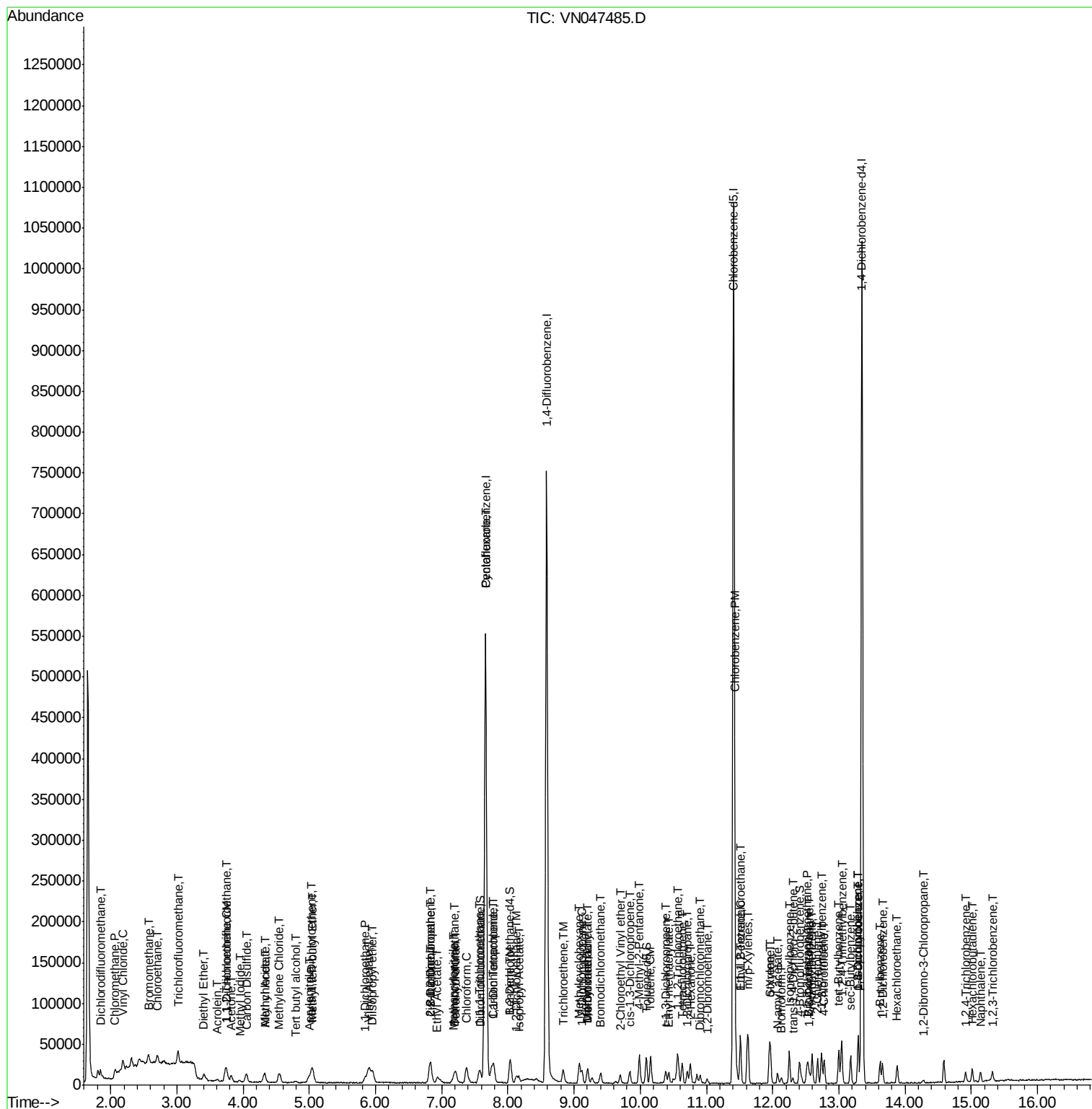
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	3826	0.76	ug/l	98
94) Hexachlorobutadiene	15.01	225	3001	1.17	ug/l	93
95) Naphthalene	15.14	128	9464	0.84	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	3963	0.85	ug/l	99

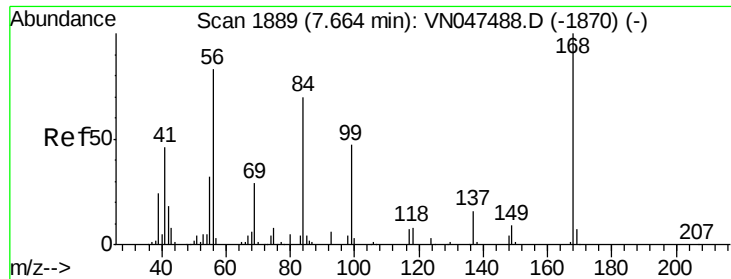
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN041018\
Data File : VN047485.D
Acq On : 10 Apr 2018 10:06
Operator : MD\SY
Sample : VSTDICC001
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Apr 10 11:52:49 2018
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 11:52:17 2018
Response via : Initial Calibration

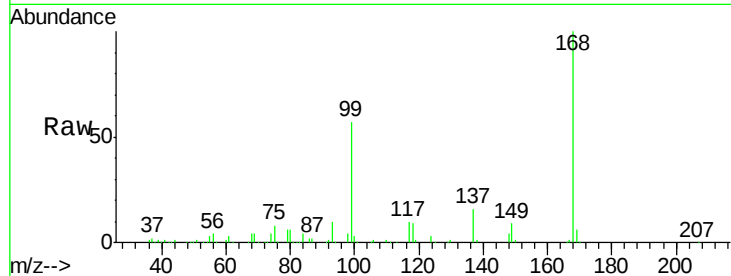




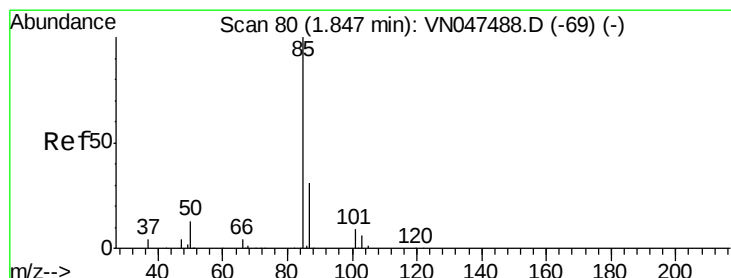
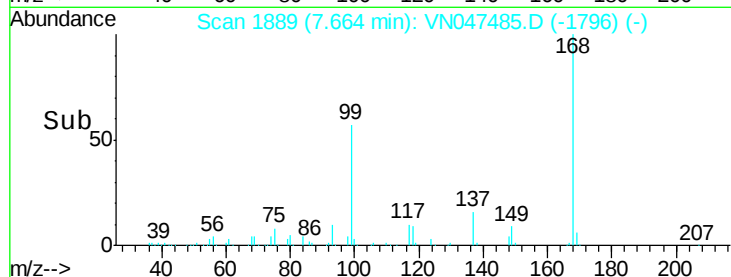
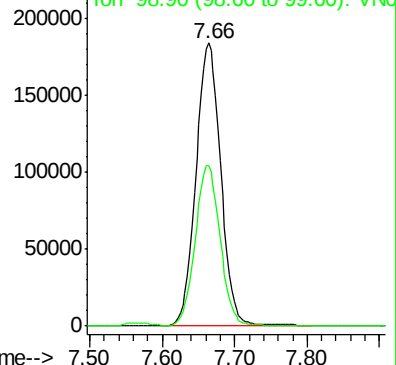
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 168 Resp: 439109
Ion Ratio Lower Upper
168 100
99 56.6 46.5 69.7

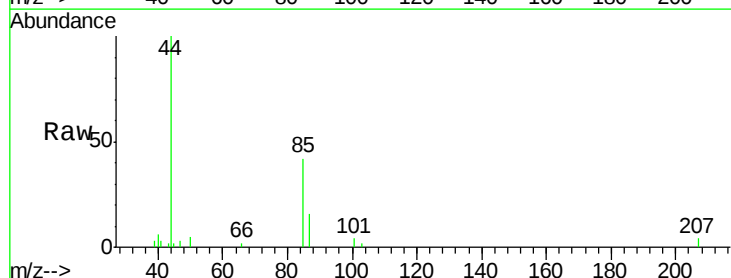


Abundance Ion 167.90 (167.60 to 168.60): V

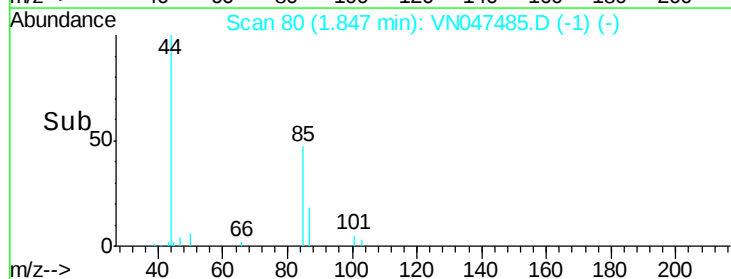
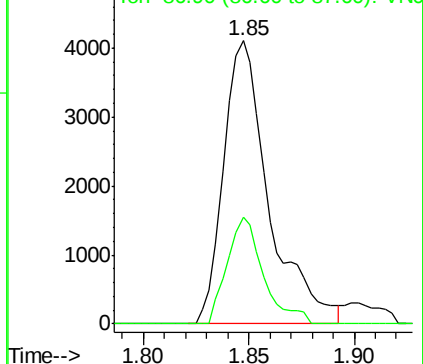


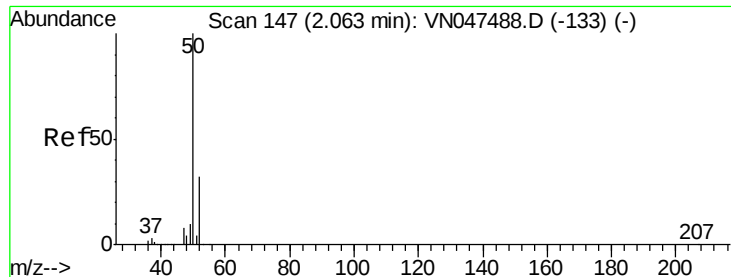
#2
Dichlorodifluoromethane
Concen: 0.95 ug/l
RT: 1.85 min Scan# 80
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 85 Resp: 6121
Ion Ratio Lower Upper
85 100
87 37.6 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VN0





#3

Chloromethane

Concen: 1.23 ug/l

RT: 2.07 min Scan# 148

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

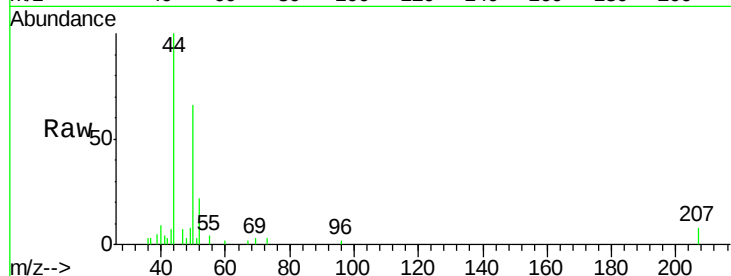
BFB

Tgt Ion: 50 Resp: 9436

Ion Ratio Lower Upper

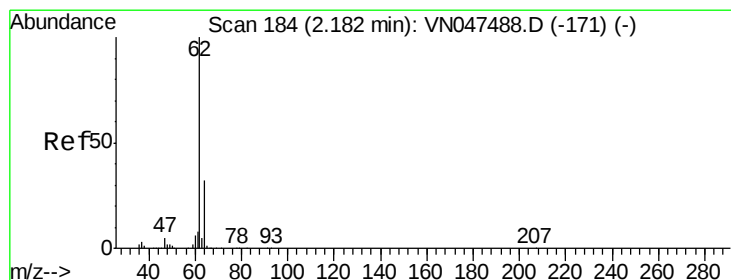
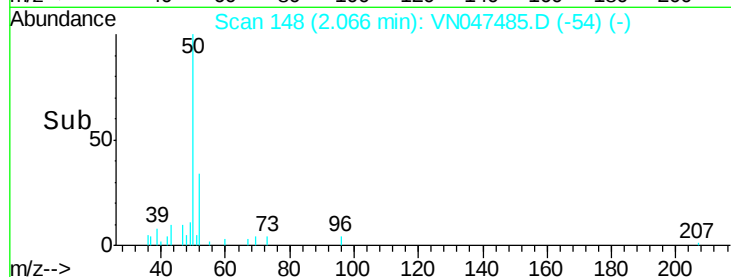
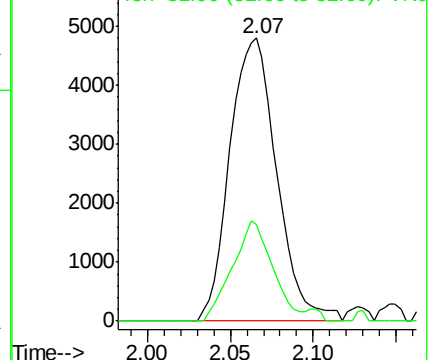
50 100

52 34.1 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: 1.10 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN047485.D

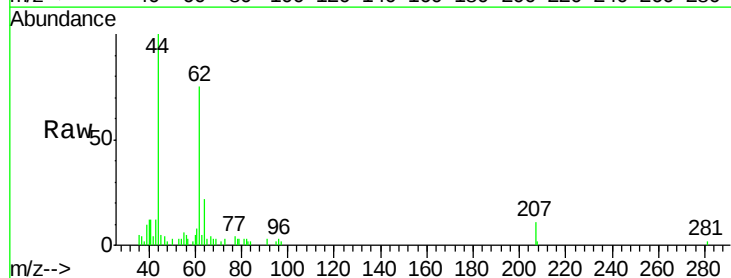
Acq: 10 Apr 2018 10:06

Tgt Ion: 62 Resp: 9547

Ion Ratio Lower Upper

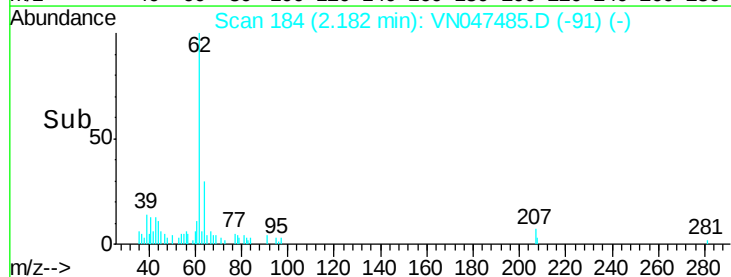
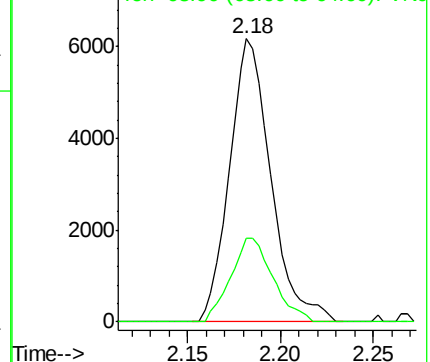
62 100

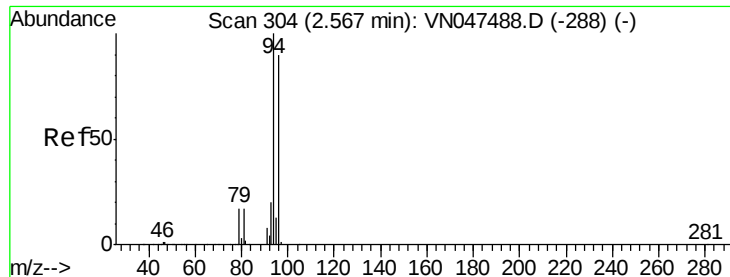
64 29.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.77 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

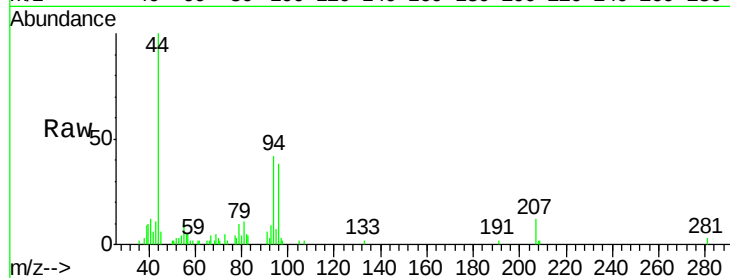
BFB

Tgt Ion: 94 Resp: 8236

Ion Ratio Lower Upper

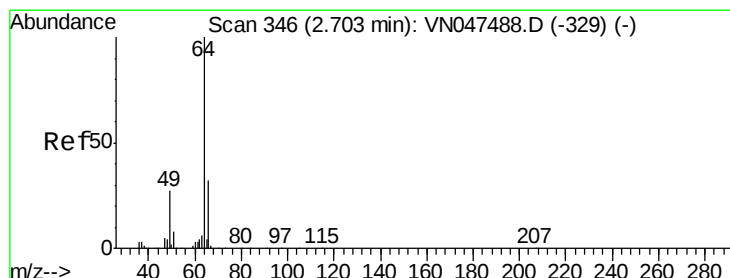
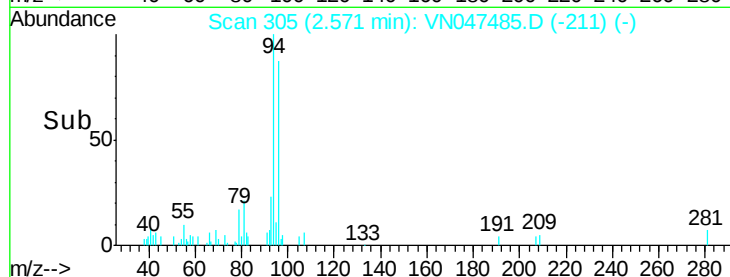
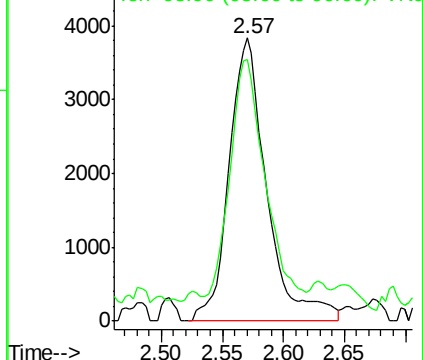
94 100

96 82.7 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 1.13 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN047485.D

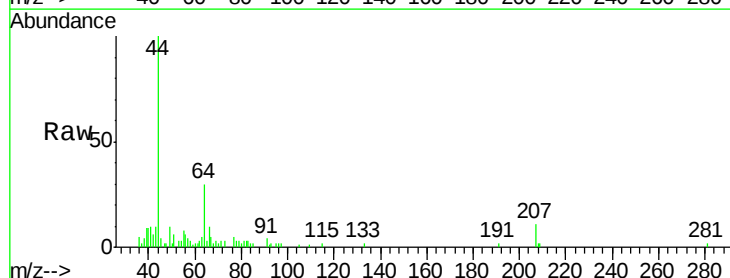
Acq: 10 Apr 2018 10:06

Tgt Ion: 64 Resp: 5801

Ion Ratio Lower Upper

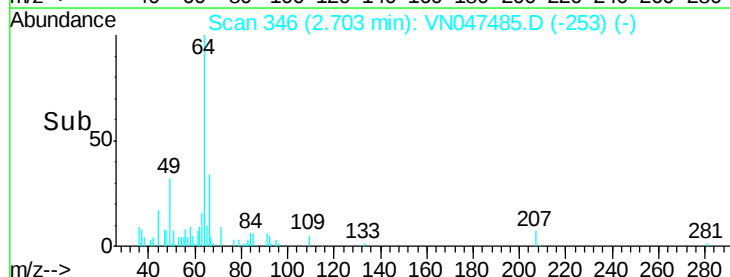
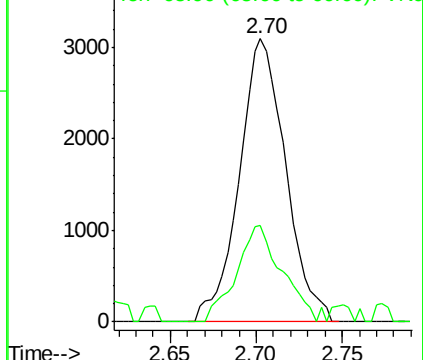
64 100

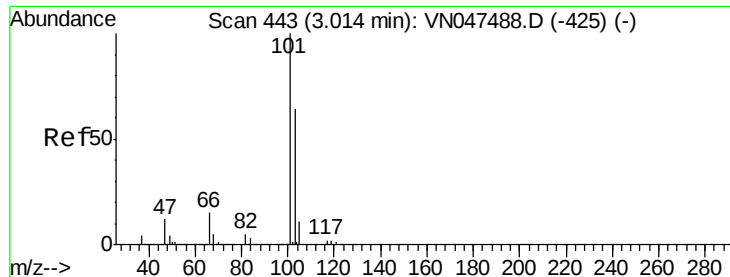
66 34.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 1.06 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

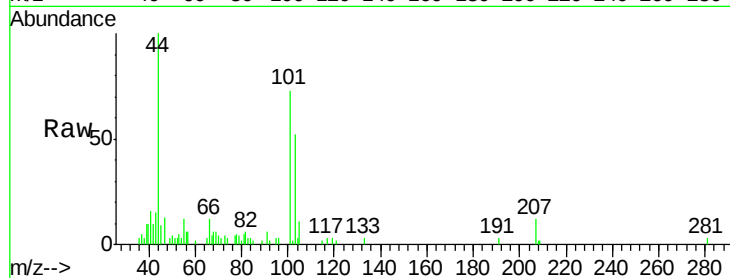
BFB

Tgt Ion: 101 Resp: 12364

Ion Ratio Lower Upper

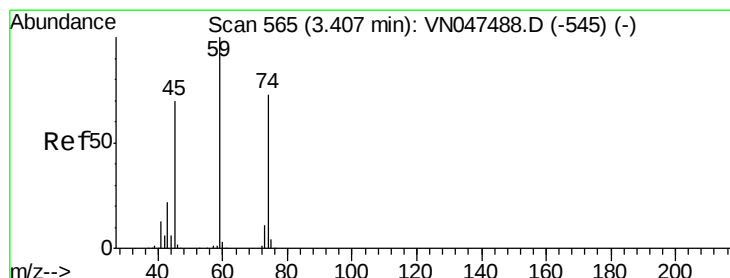
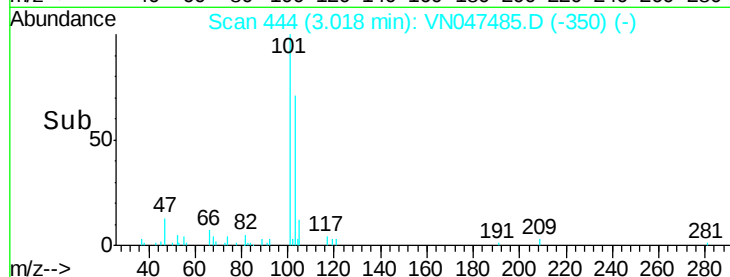
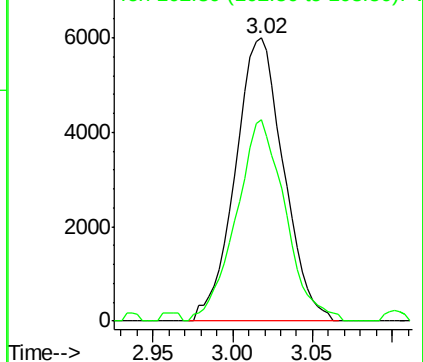
101 100

103 71.3 51.5 77.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.02 ug/l

RT: 3.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN047485.D

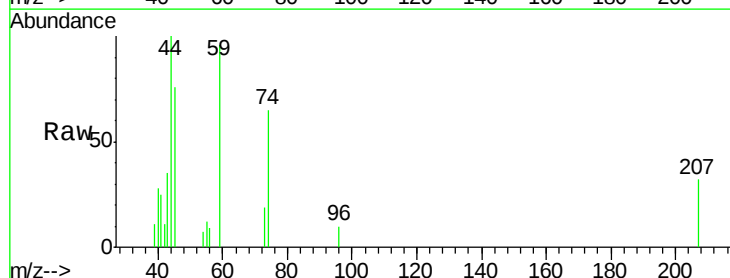
Acq: 10 Apr 2018 10:06

Tgt Ion: 74 Resp: 3356

Ion Ratio Lower Upper

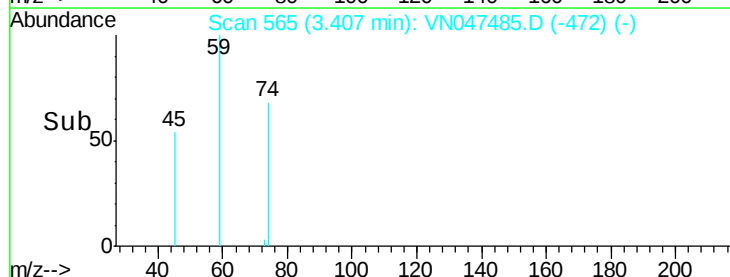
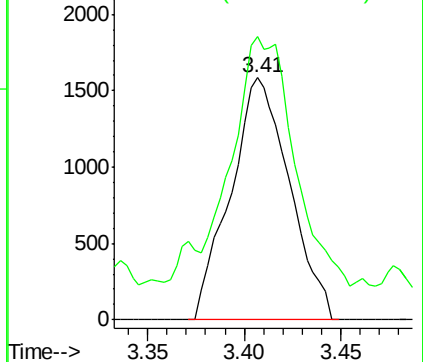
74 100

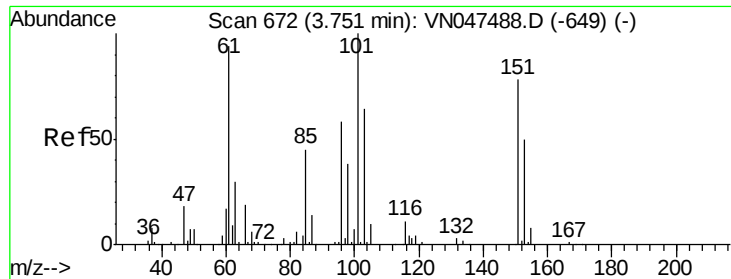
45 108.3 47.8 143.4



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: 1.10 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

BFB

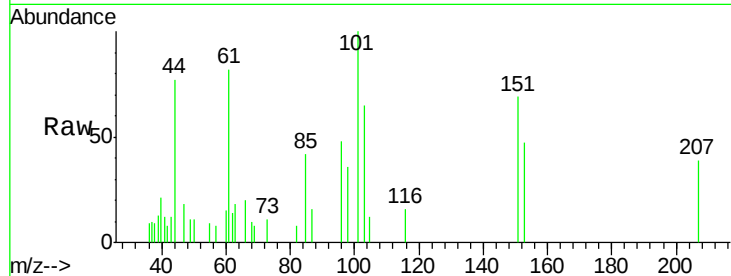
Tgt Ion:101 Resp: 6153

Ion Ratio Lower Upper

101 100

85 26.2 36.3 54.5#

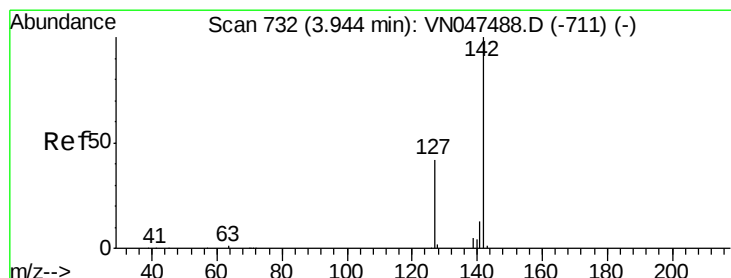
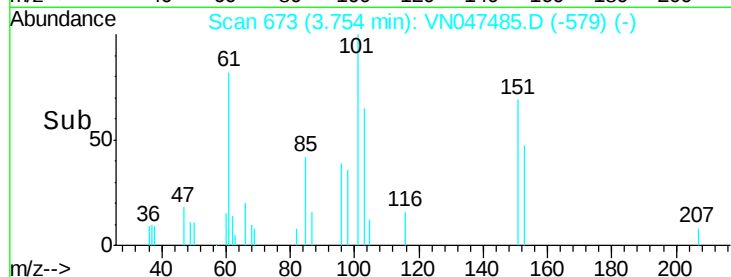
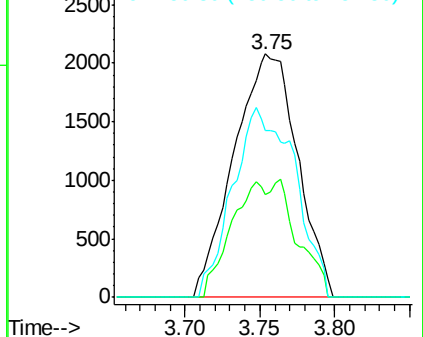
151 76.2 62.6 93.8



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: 0.32 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

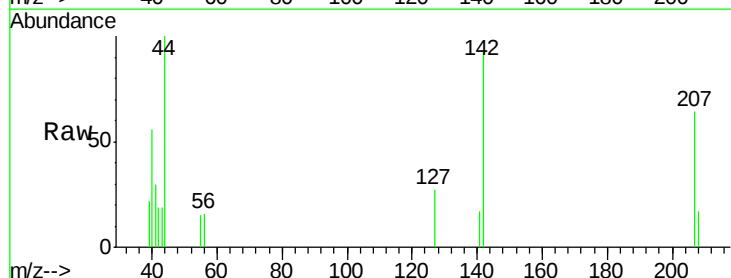
Tgt Ion:142 Resp: 2799

Ion Ratio Lower Upper

142 100

127 16.9 34.1 51.1#

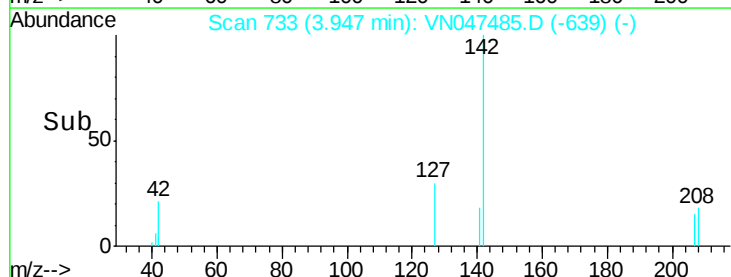
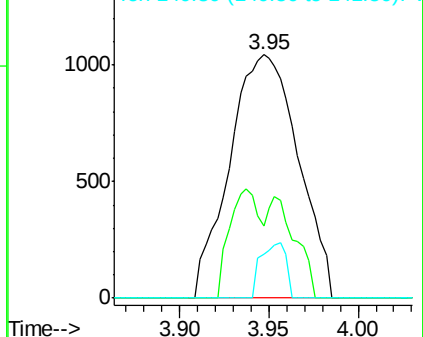
141 8.4 11.0 16.6#

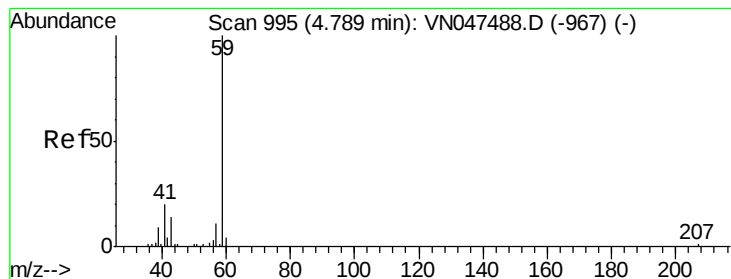


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



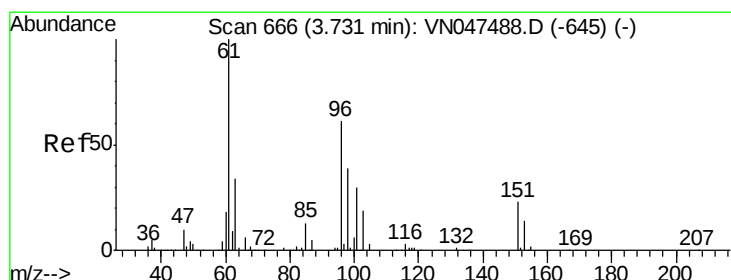
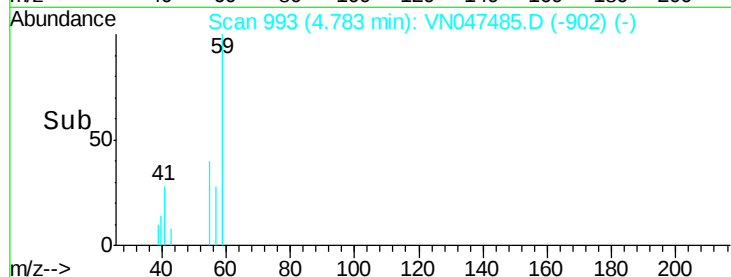
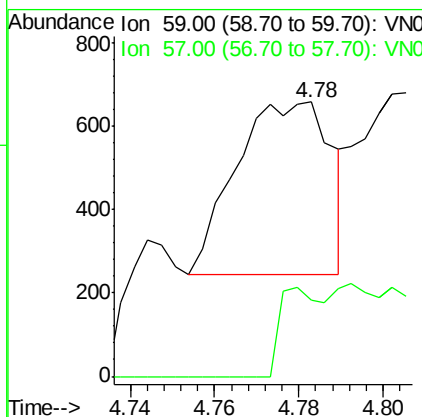
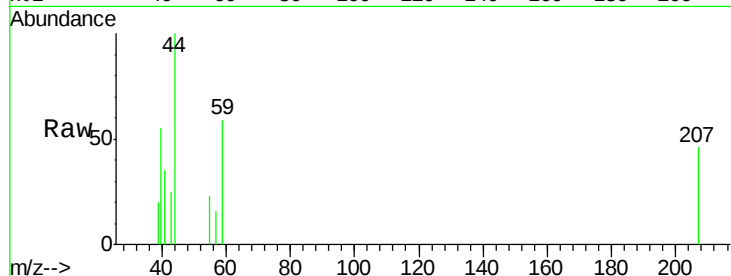


#11

Tert butyl alcohol
Concen: 1.60 ug/l
RT: 4.78 min Scan# 993
Delta R.T. -0.01 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
BFB

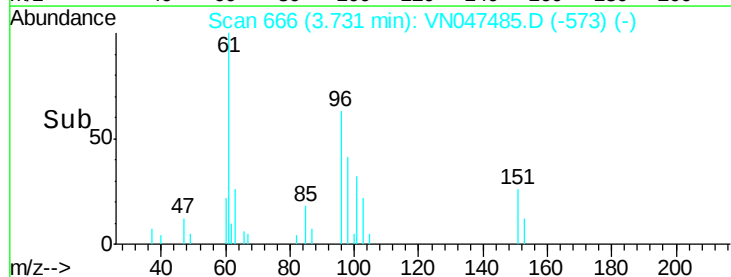
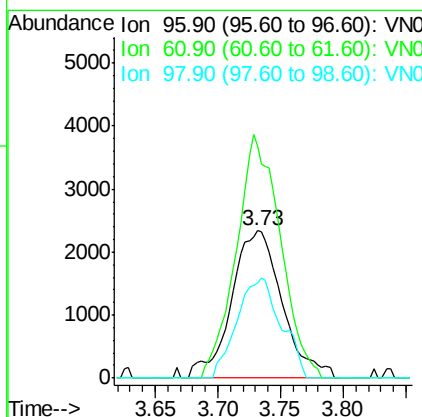
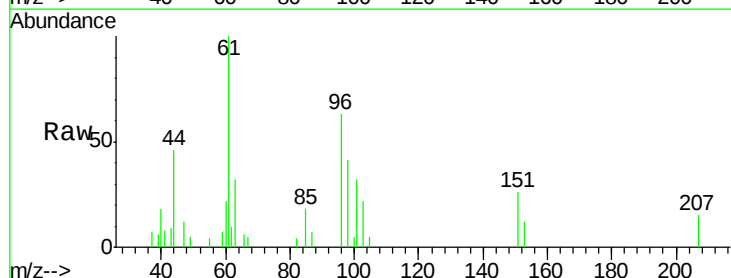
Tgt Ion: 59 Resp: 645
Ion Ratio Lower Upper
59 100
57 23.3 8.7 13.1#

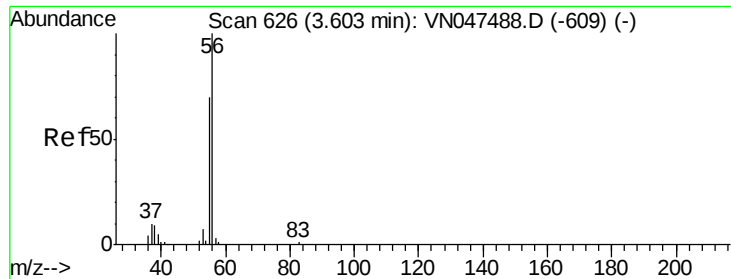


#12

1,1-Dichloroethene
Concen: 1.23 ug/l
RT: 3.73 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 96 Resp: 6560
Ion Ratio Lower Upper
96 100
61 157.9 131.0 196.6
98 64.8 51.7 77.5





#13

Acrolein

Concen: 9.56 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

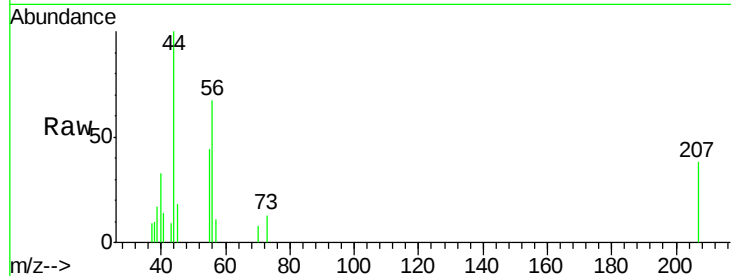
BFB

Tgt Ion: 56 Resp: 3148

Ion Ratio Lower Upper

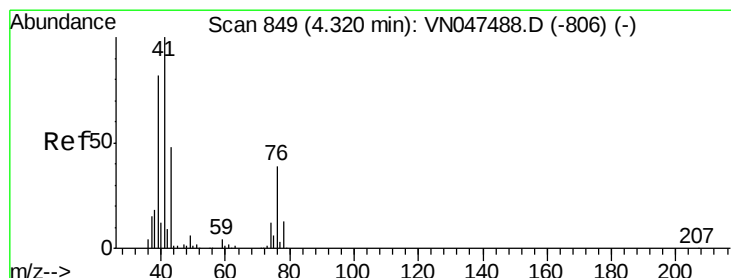
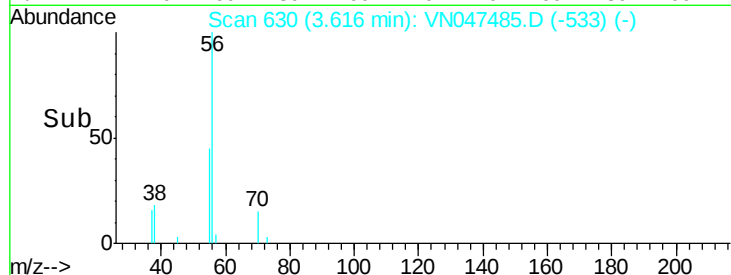
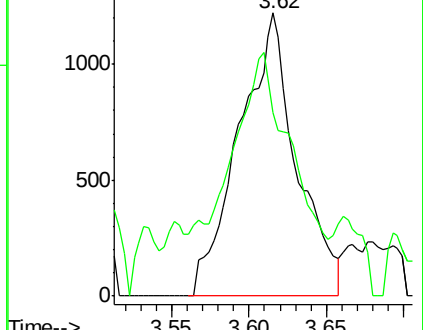
56 100

55 65.6 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VN047485.D (-630) (-)

Ion 55.00 (54.70 to 55.70): VN047485.D (-630) (-)



#14

Allyl chloride

Concen: 0.72 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

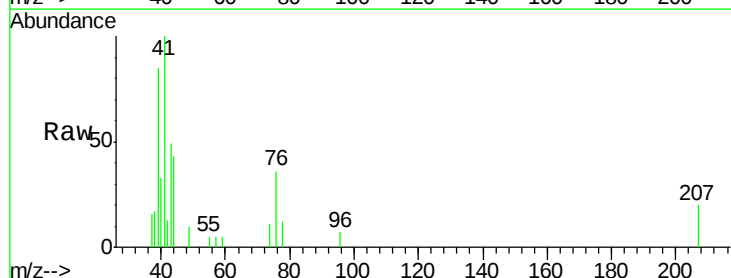
Tgt Ion: 41 Resp: 6618

Ion Ratio Lower Upper

41 100

39 120.6 61.4 92.2#

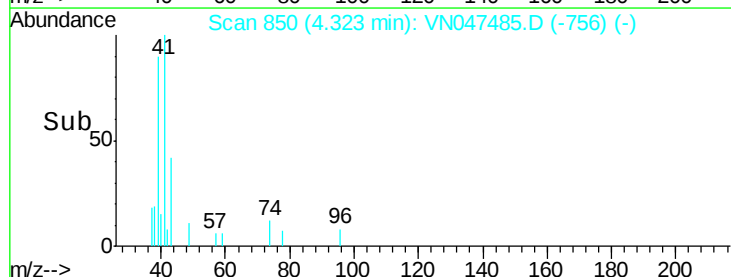
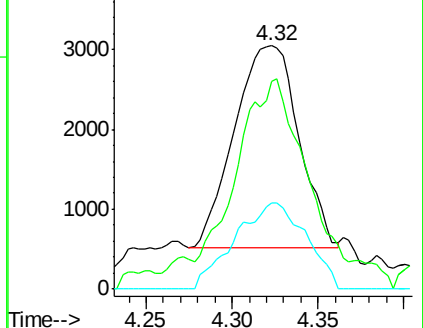
76 47.0 29.6 44.4#

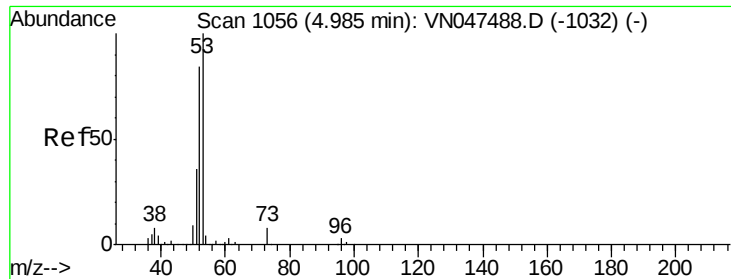


Abundance Ion 41.00 (40.70 to 41.70): VN047485.D (-850) (-)

Ion 39.00 (38.70 to 39.70): VN047485.D (-850) (-)

Ion 75.90 (75.60 to 76.60): VN047485.D (-850) (-)





#15

Acrylonitrile

Concen: 4.32 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

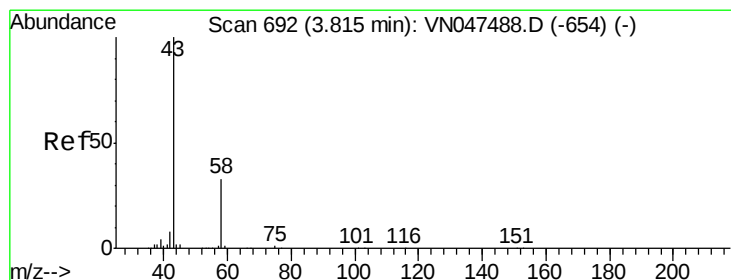
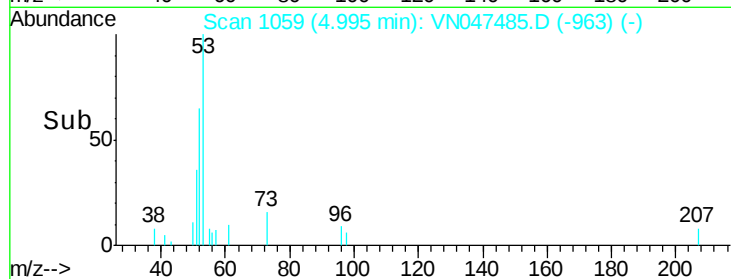
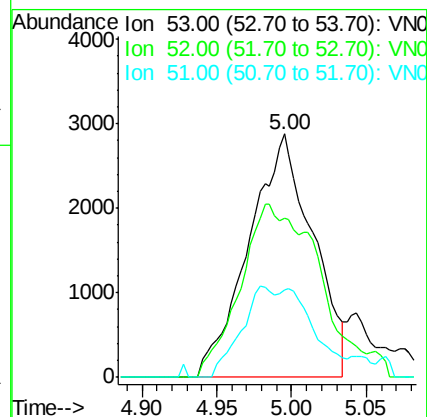
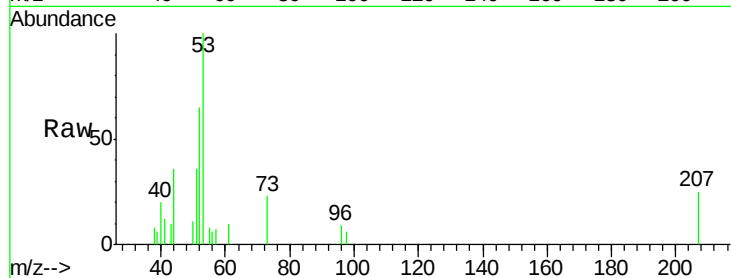
Tgt Ion: 53 Resp: 8548

Ion Ratio Lower Upper

53 100

52 89.4 65.2 97.8

51 19.3 29.1 43.7#



#16

Acetone

Concen: 5.64 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN047485.D

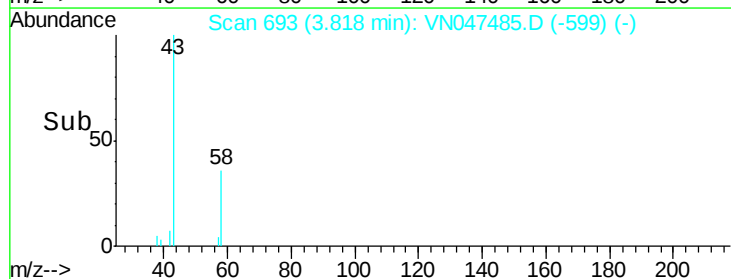
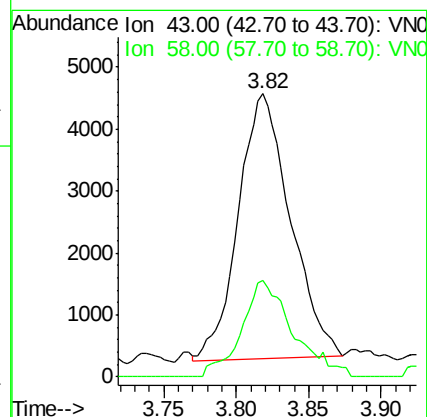
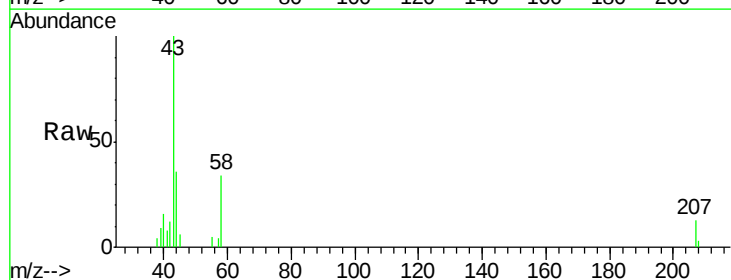
Acq: 10 Apr 2018 10:06

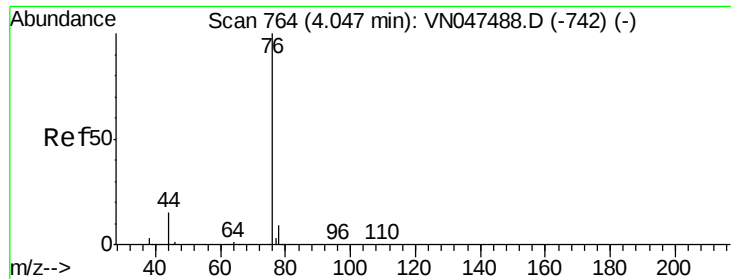
Tgt Ion: 43 Resp: 10672

Ion Ratio Lower Upper

43 100

58 36.7 26.2 39.2

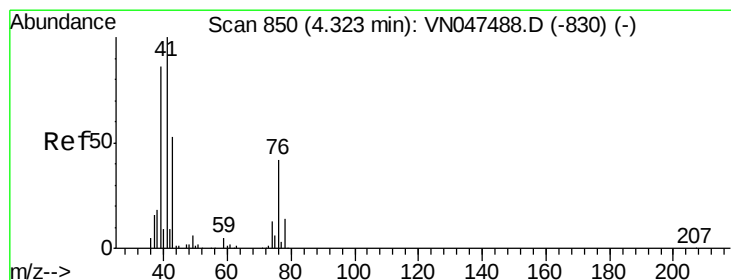
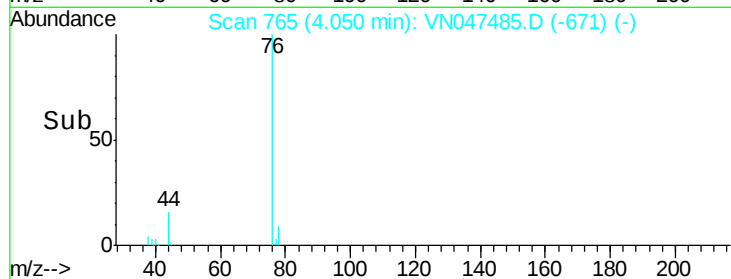
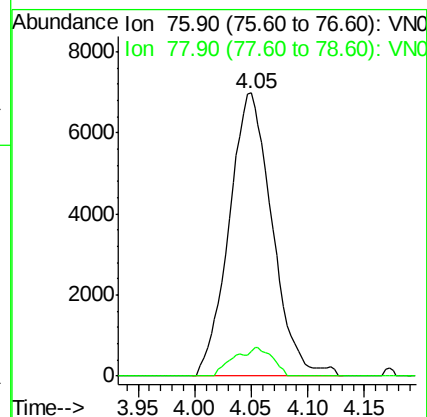
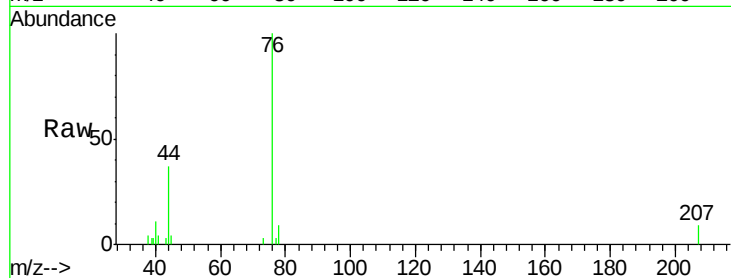




#17
Carbon Disulfide
Concen: 1.11 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

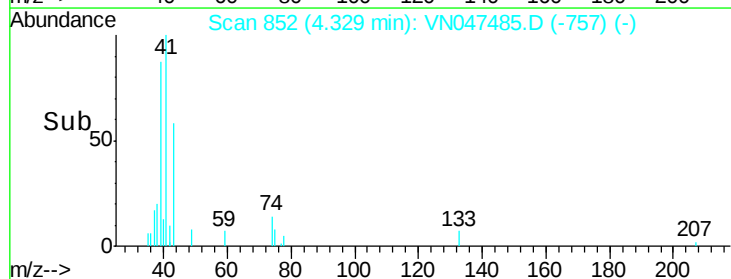
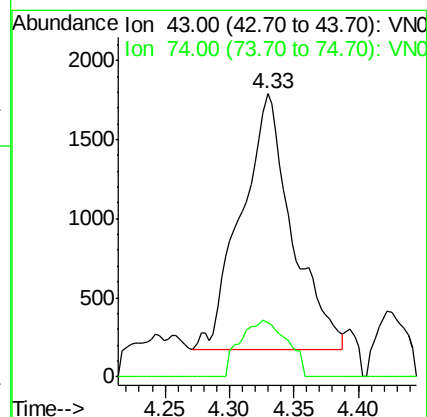
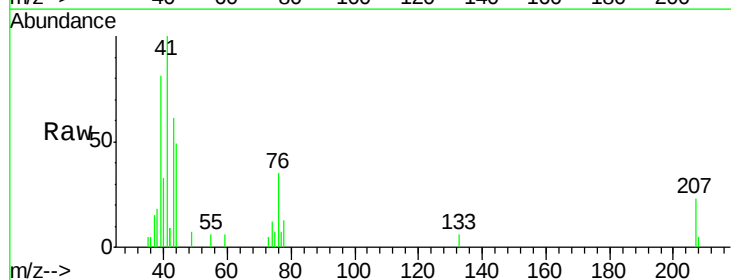
Instrument :
MSVOA_X
ClientSampleId :
BFB

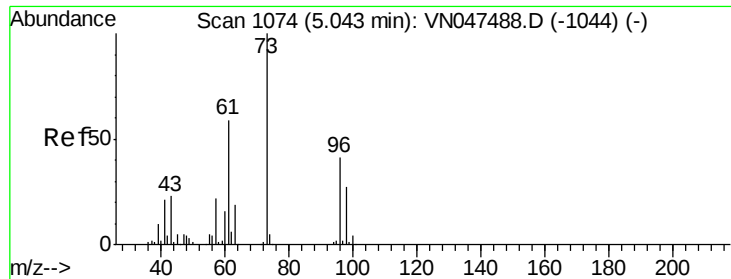
Tgt Ion: 76 Resp: 18518
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 1.04 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.01 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 43 Resp: 4429
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2

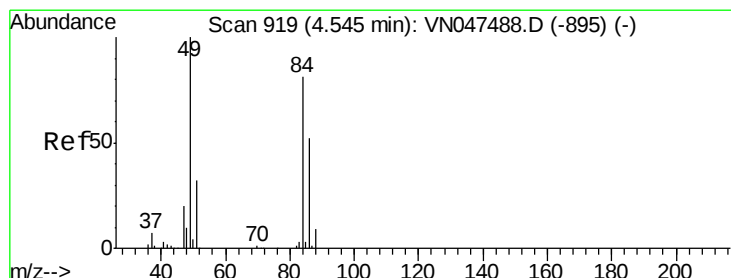
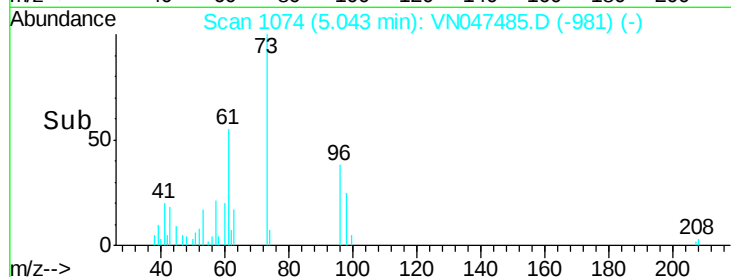
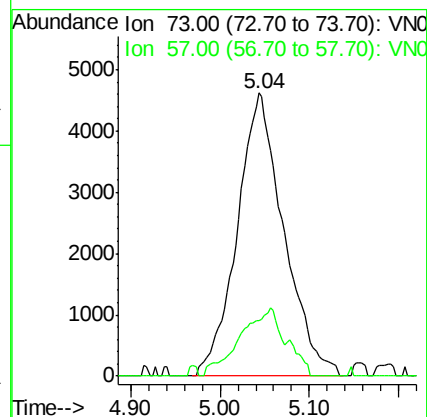
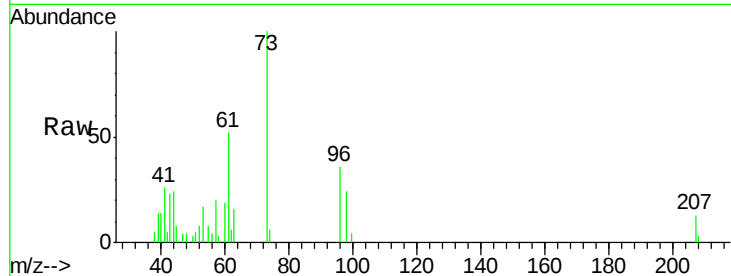




#19
Methyl tert-butyl Ether
Concen: 1.07 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

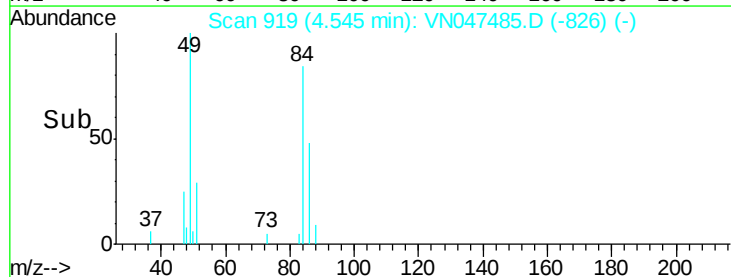
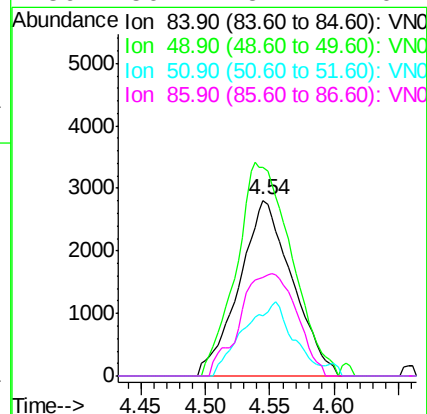
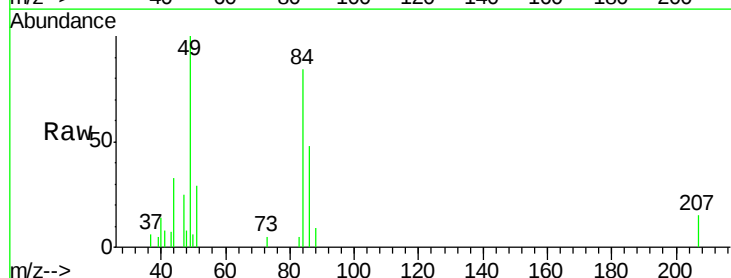
Instrument :
MSVOA_X
ClientSampleId :
BFB

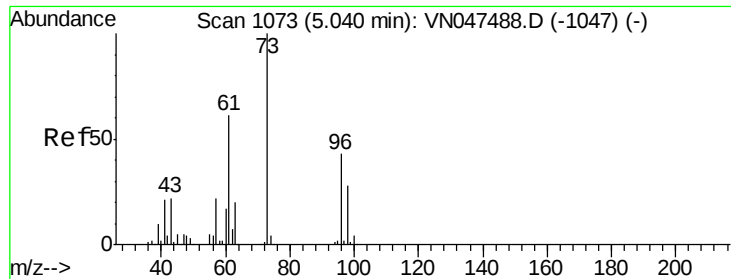
Tgt Ion: 73 Resp: 16761
Ion Ratio Lower Upper
73 100
57 19.6 17.5 26.3



#20
Methylene Chloride
Concen: 1.32 ug/l
RT: 4.54 min Scan# 919
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 84 Resp: 8065
Ion Ratio Lower Upper
84 100
49 118.6 99.1 148.7
51 34.6 31.8 47.6
86 56.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 0.42 ug/l

RT: 5.03 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

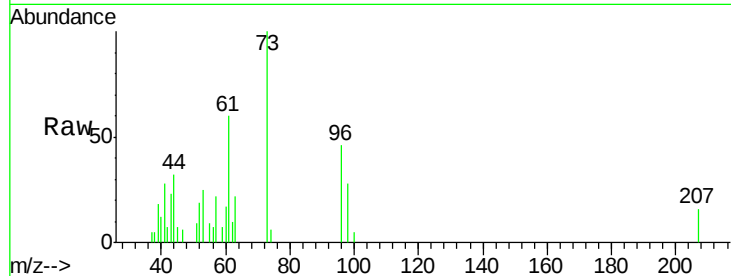
Tgt Ion: 96 Resp: 2388

Ion Ratio Lower Upper

96 100

61 129.3 114.6 172.0

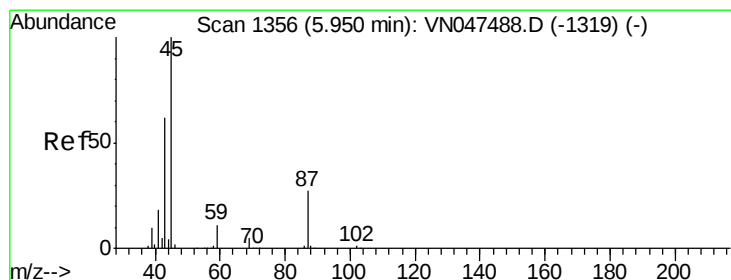
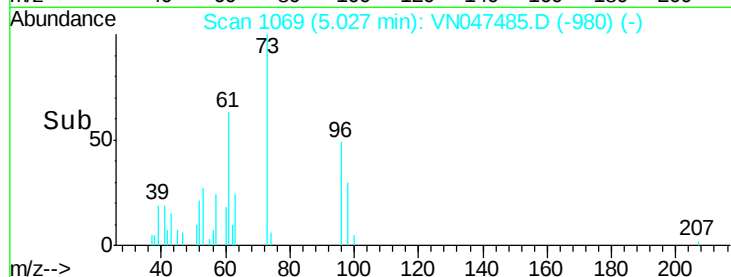
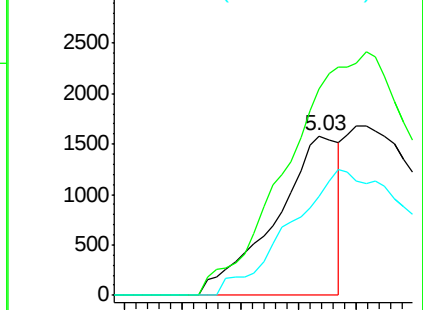
98 61.7 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 1.01 ug/l

RT: 5.95 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Tgt Ion: 45 Resp: 19333

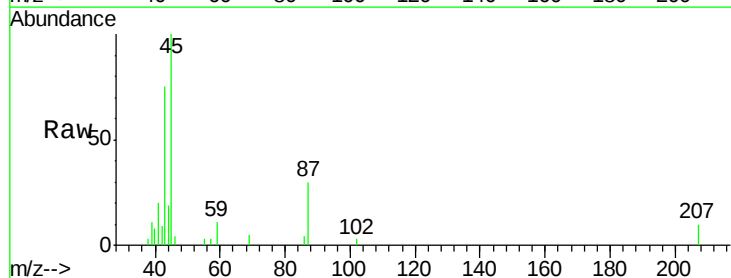
Ion Ratio Lower Upper

45 100

43 65.3 49.8 74.8

87 30.1 21.8 32.6

59 11.3 9.2 13.8

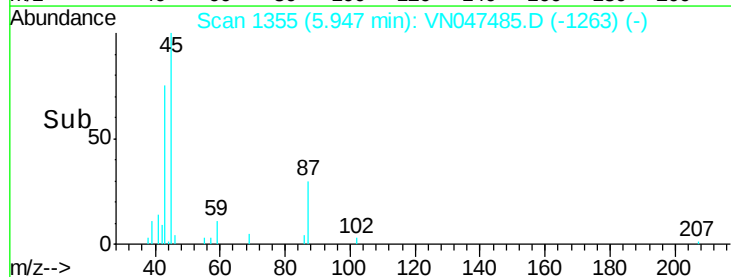
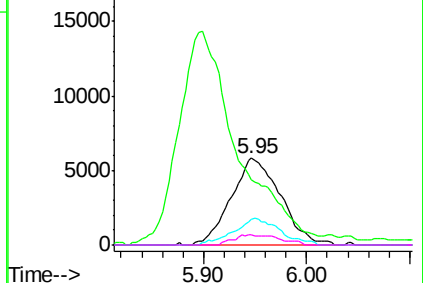


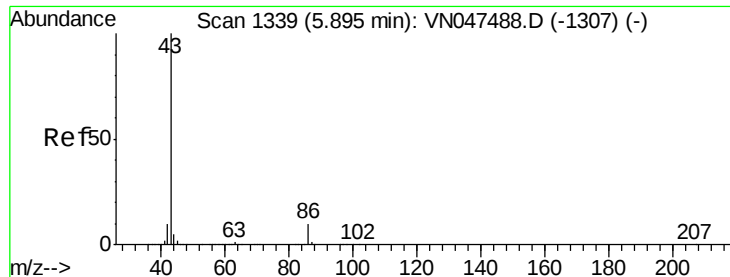
Abundance Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC

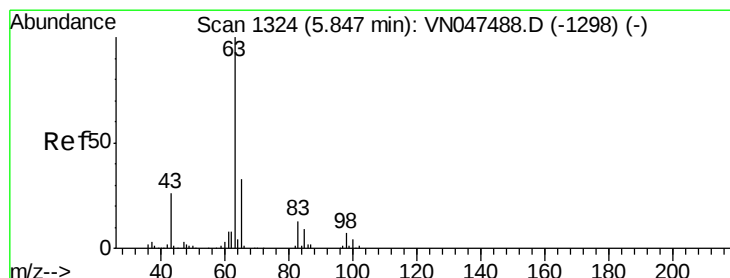
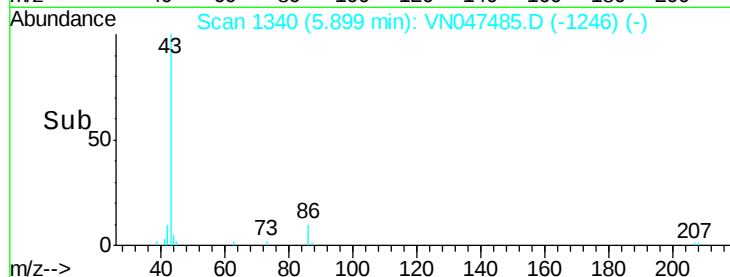
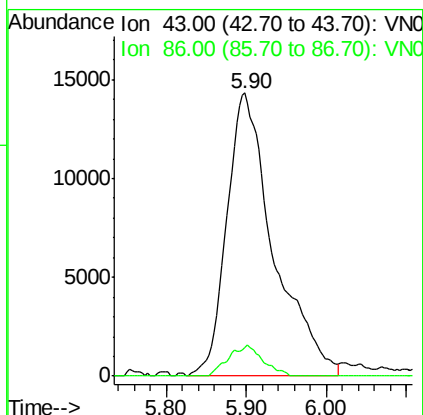
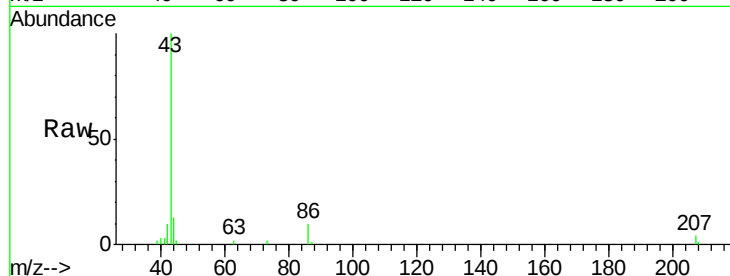




#23
 Vinyl Acetate
 Concen: 4.20 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

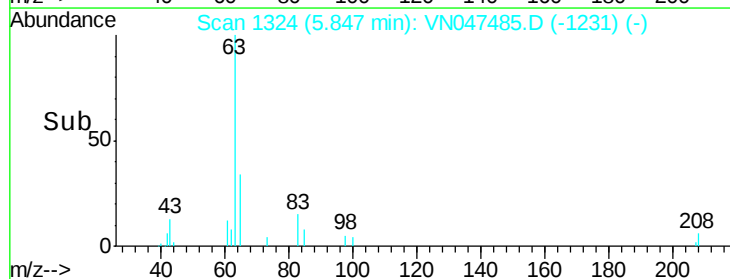
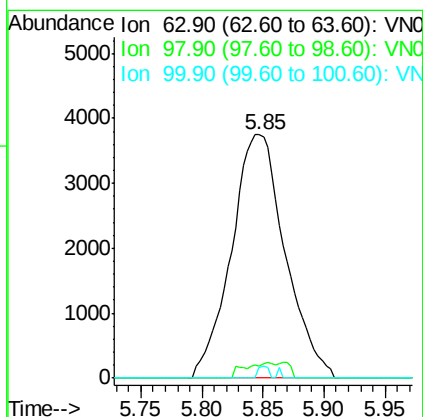
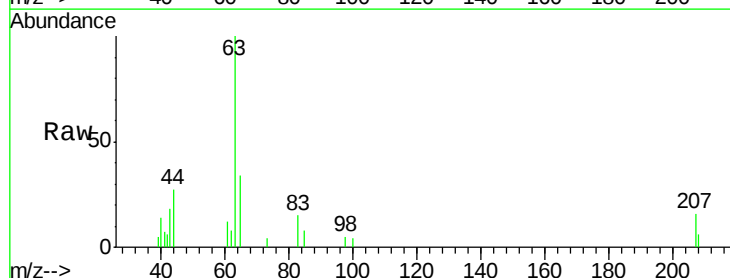
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

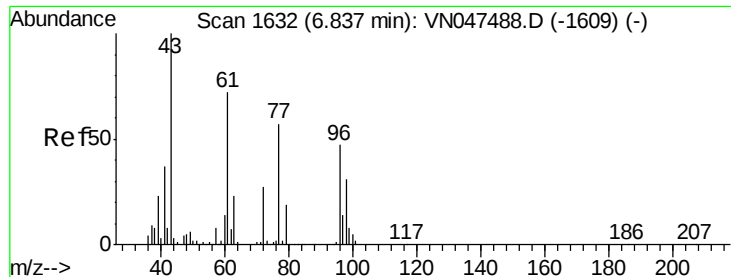
Tgt Ion: 43 Resp: 57391
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 1.05 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 63 Resp: 11443
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.3 9.8
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 4.55 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

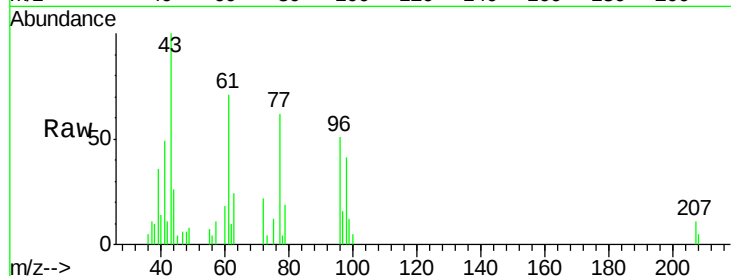
BFB

Tgt Ion: 43 Resp: 10971

Ion Ratio Lower Upper

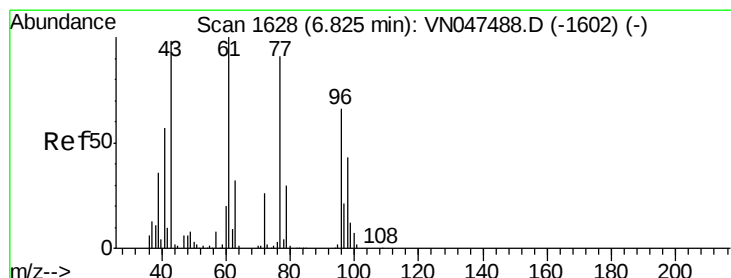
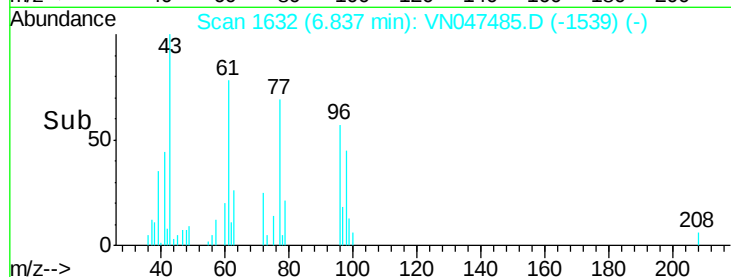
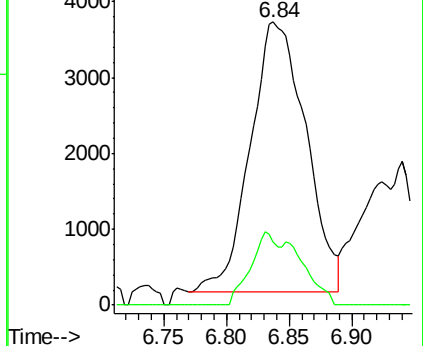
43 100

72 23.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.06 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN047485.D

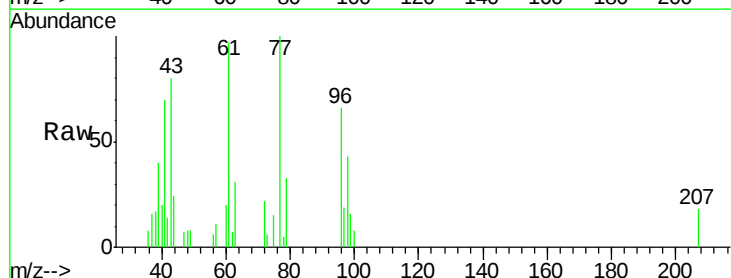
Acq: 10 Apr 2018 10:06

Tgt Ion: 77 Resp: 10305

Ion Ratio Lower Upper

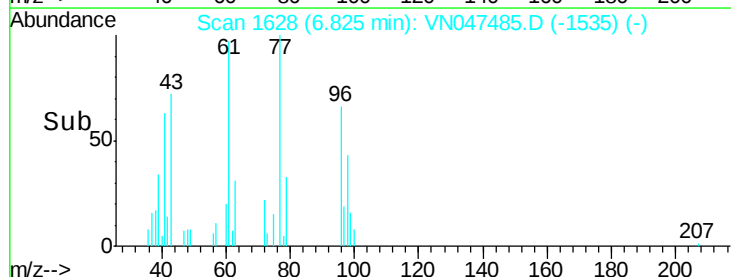
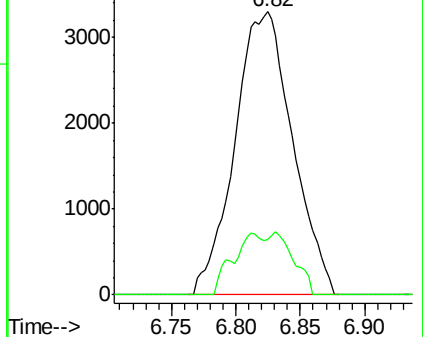
77 100

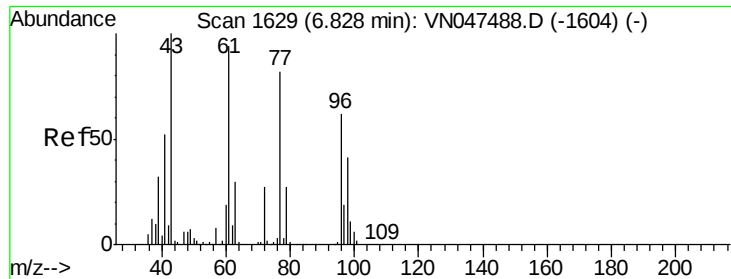
97 11.4 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 1.10 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

BFB

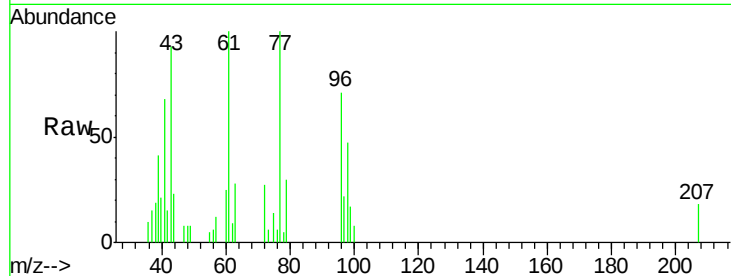
Tgt Ion: 96 Resp: 7237

Ion Ratio Lower Upper

96 100

61 133.2 0.0 302.4

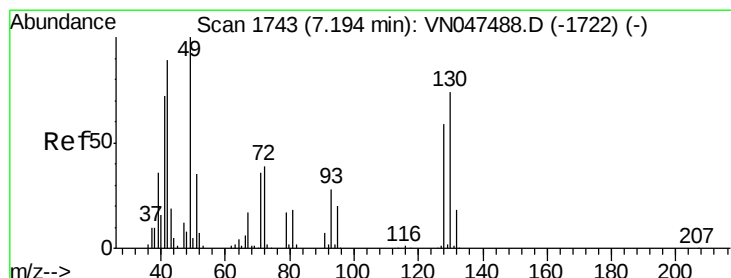
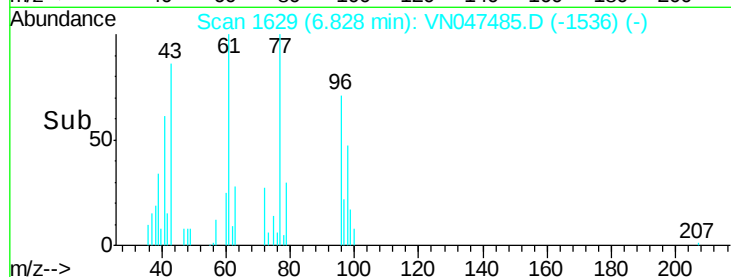
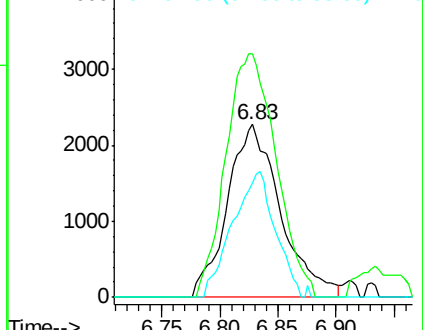
98 58.2 0.0 131.4



Abundance Ion 95.90 (95.60 to 96.60): VN047485.D (-1536) (-)

Ion 60.90 (60.60 to 61.60): VN047485.D (-1536) (-)

Ion 97.90 (97.60 to 98.60): VN047485.D (-1536) (-)



#28

Bromochloromethane

Concen: 0.49 ug/l

RT: 7.19 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

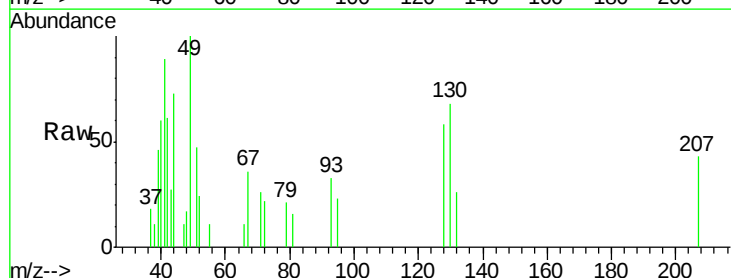
Tgt Ion: 49 Resp: 2324

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

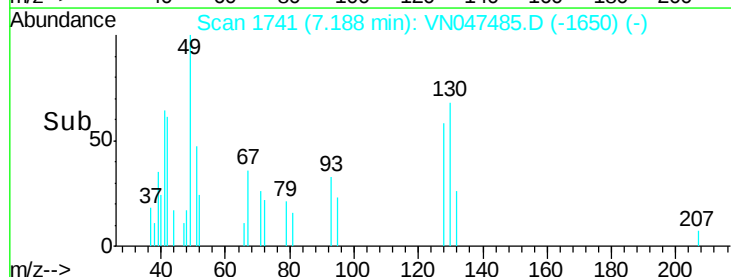
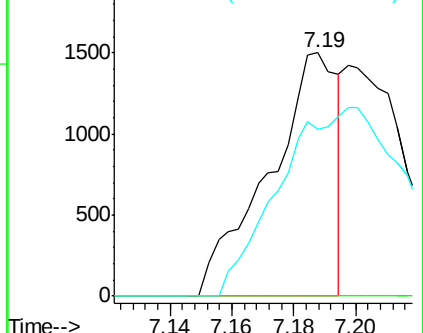
130 140.6 59.1 88.7#

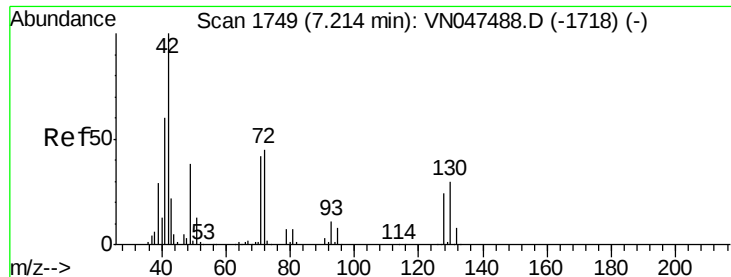


Abundance Ion 48.90 (48.60 to 49.60): VN047485.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN047485.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN047485.D (-1650) (-)

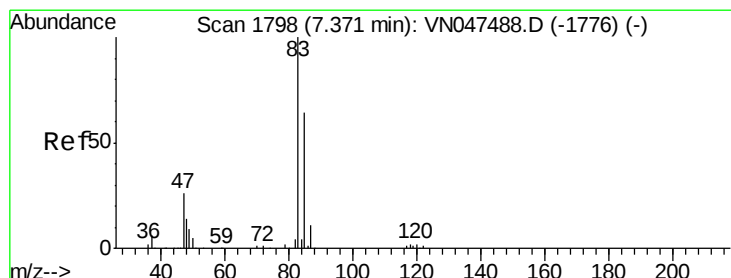
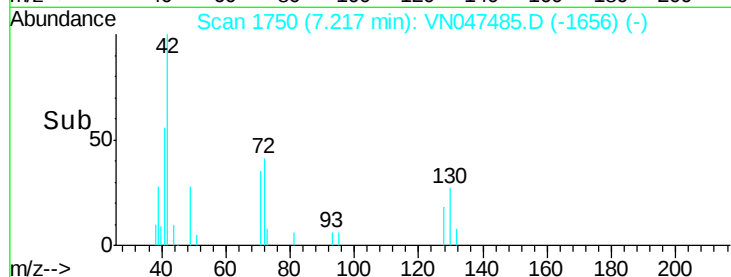
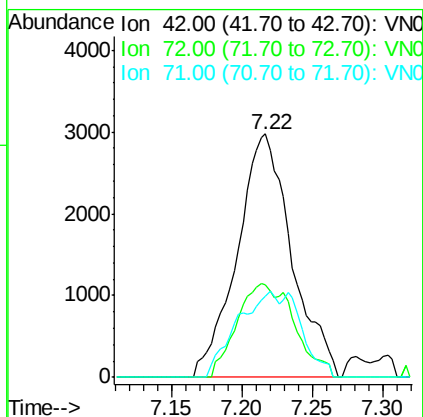
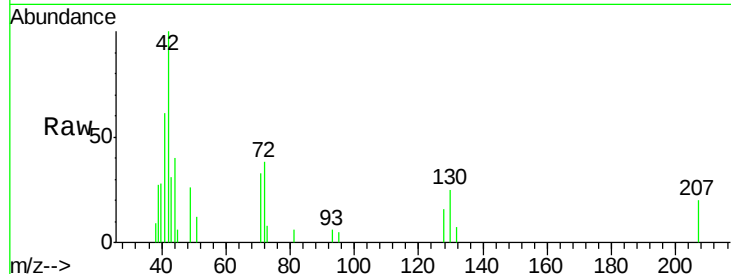




#29
Tetrahydrofuran
Concen: 5.59 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

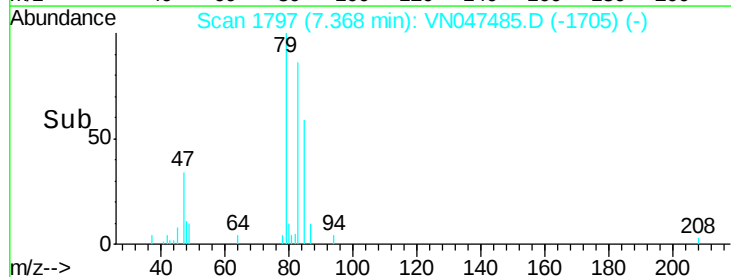
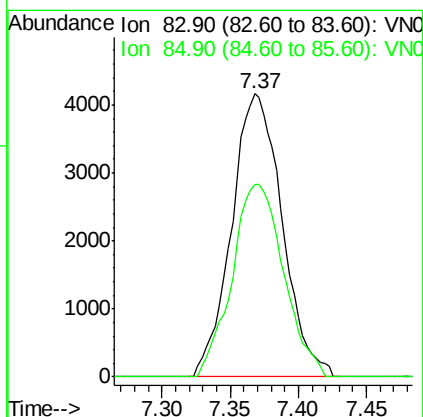
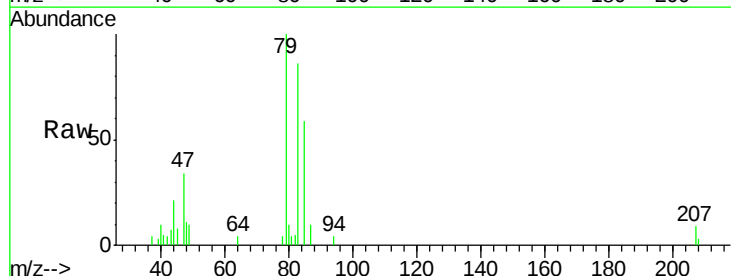
Instrument :
MSVOA_X
ClientSampleId :
BFB

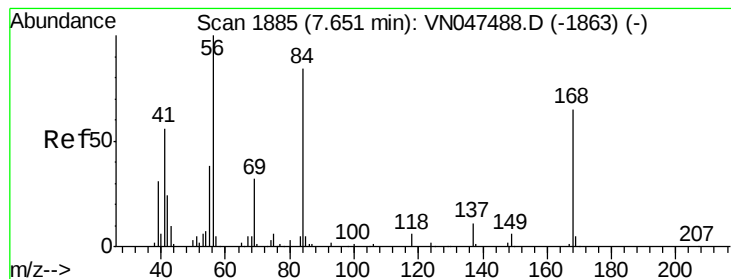
Tgt Ion: 42 Resp: 8057
Ion Ratio Lower Upper
42 100
72 40.5 35.7 53.5
71 26.8 33.6 50.4#



#30
Chloroform
Concen: 0.99 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 83 Resp: 10705
Ion Ratio Lower Upper
83 100
85 68.1 51.4 77.2





#31

Cyclohexane

Concen: 2.05 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

BFB

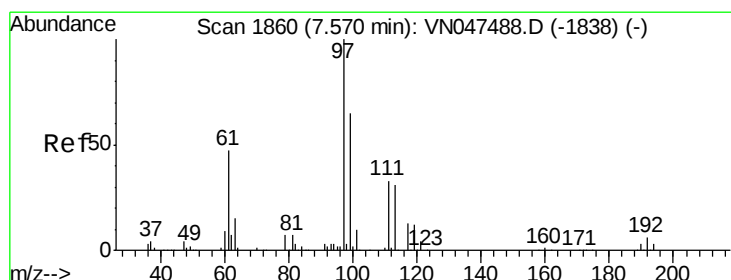
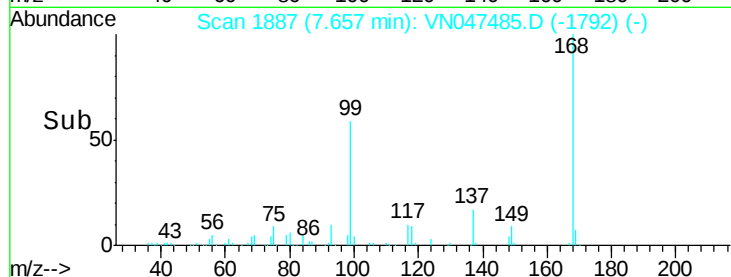
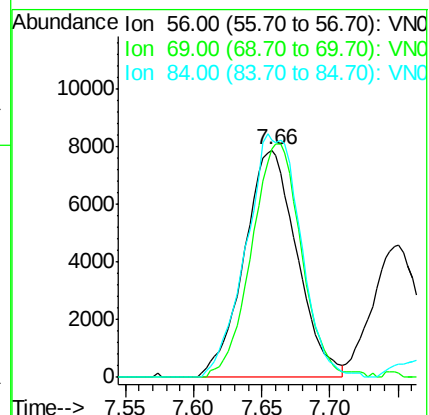
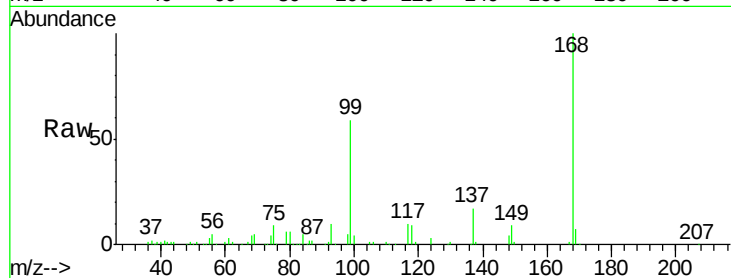
Tgt Ion: 56 Resp: 21172

Ion Ratio Lower Upper

56 100

69 100.3 25.9 38.9#

84 104.3 67.0 100.6#



#32

1,1,1-Trichloroethane

Concen: 1.05 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

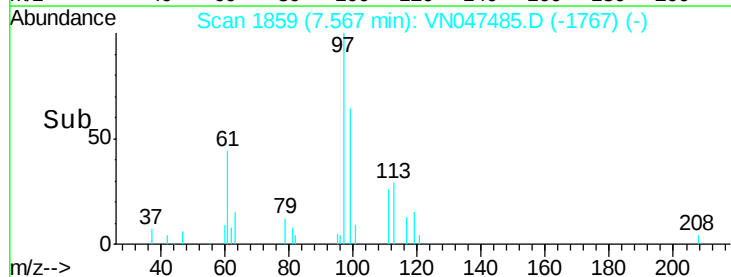
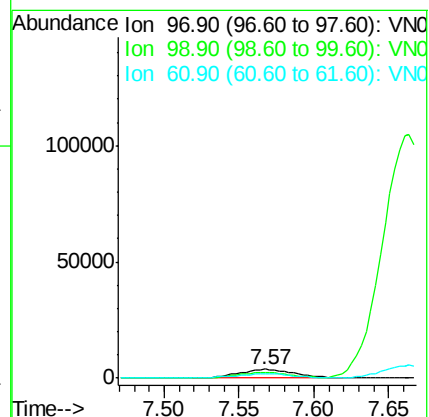
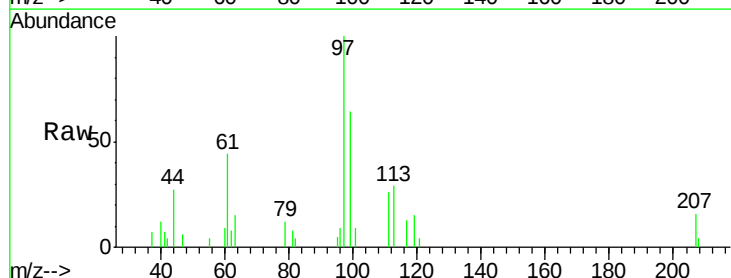
Tgt Ion: 97 Resp: 9864

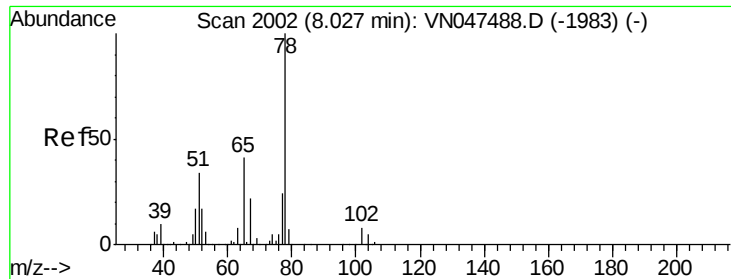
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 48.1 37.6 56.4

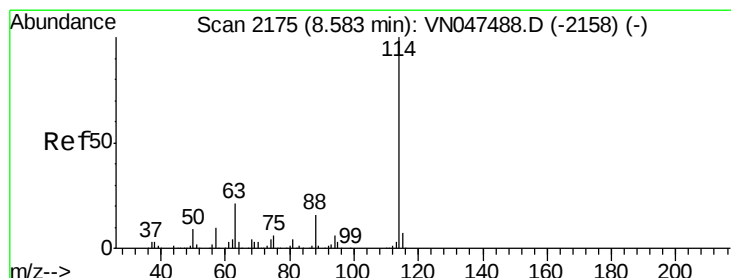
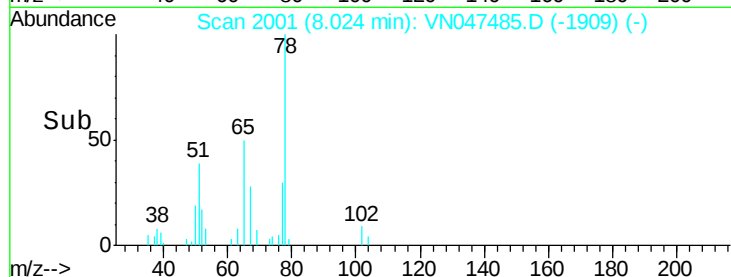
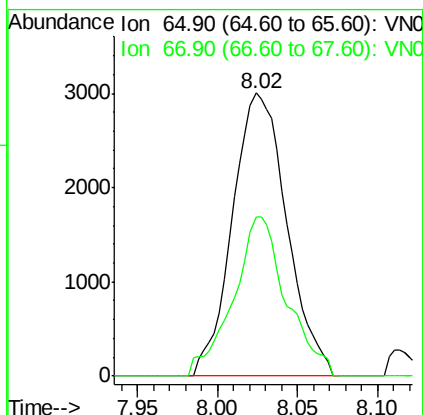
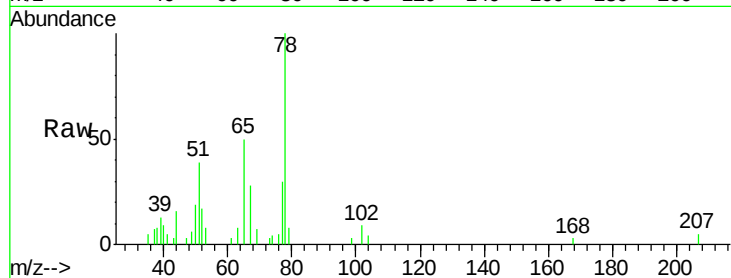




#33
 1,2-Dichloroethane-d4
 Concen: 1.03 ug/l
 RT: 8.02 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

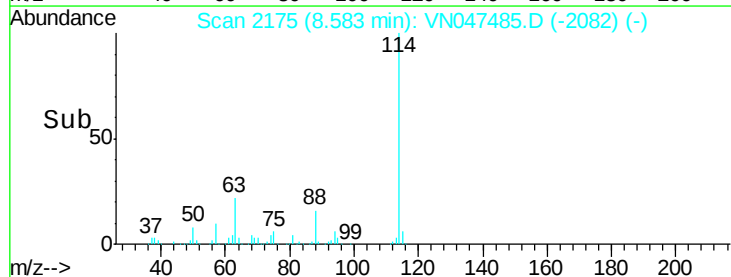
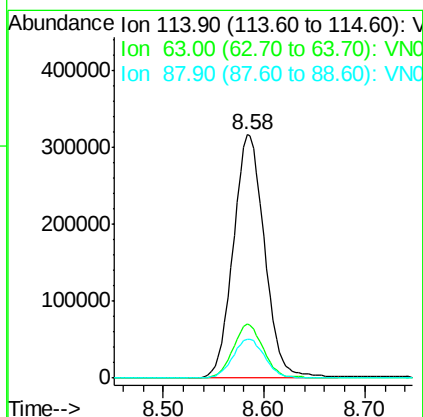
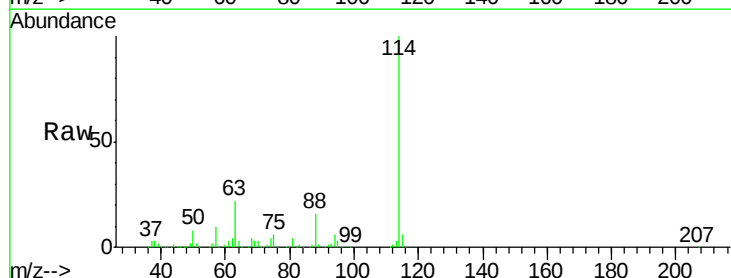
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

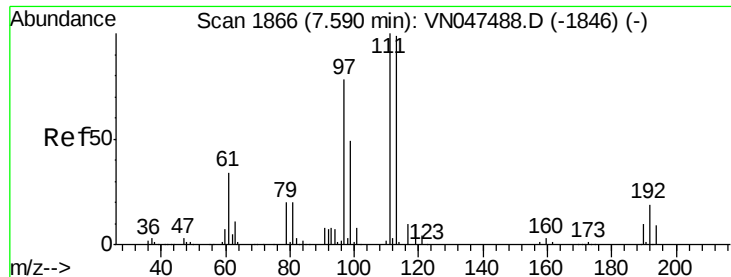
Tgt Ion: 65 Resp: 6993
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 114 Resp: 683321
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.2
 88 16.1 0.0 32.4

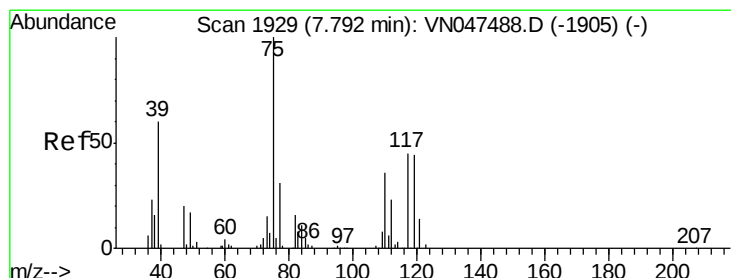
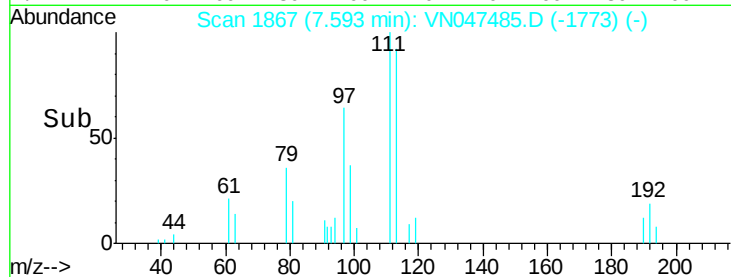
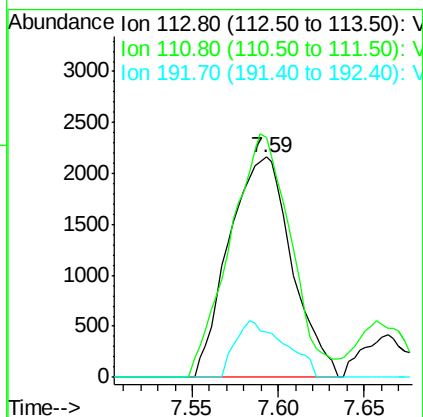
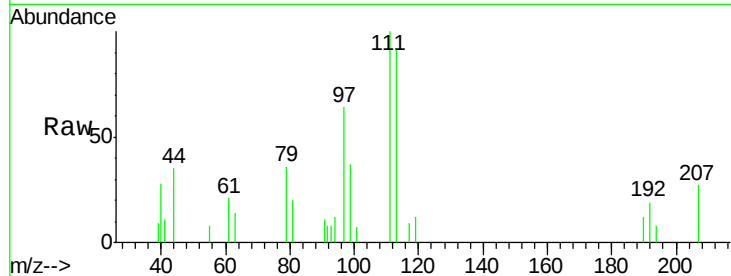




#35
 Dibromofluoromethane
 Concen: 1.03 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

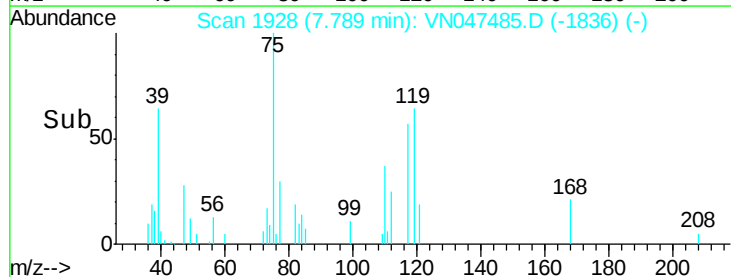
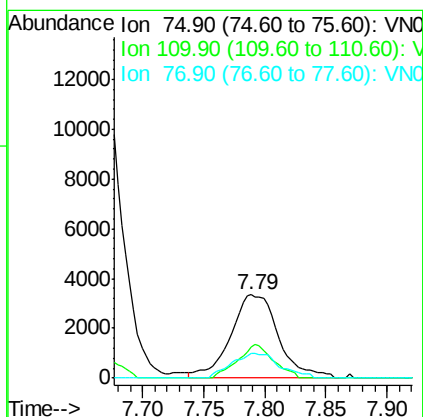
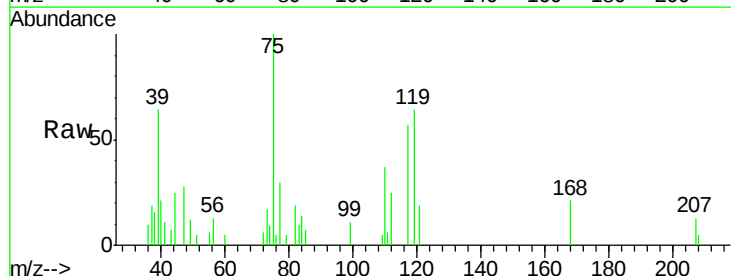
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

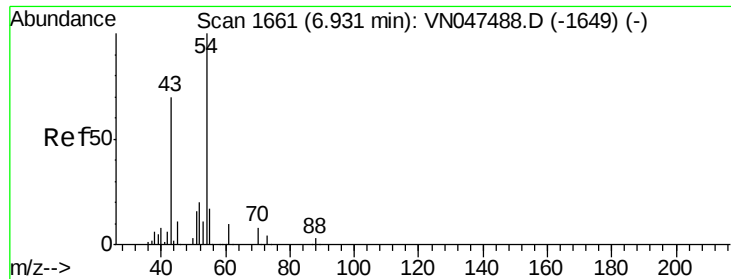
Tgt Ion: 113 Resp: 5502
 Ion Ratio Lower Upper
 113 100
 111 106.4 81.7 122.5
 192 20.2 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 1.12 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 75 Resp: 9087
 Ion Ratio Lower Upper
 75 100
 110 29.8 17.5 52.6
 77 29.8 25.0 37.6

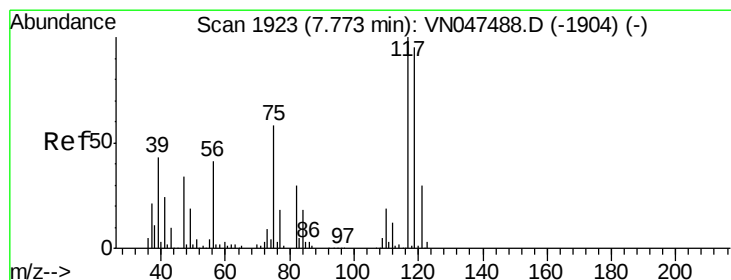
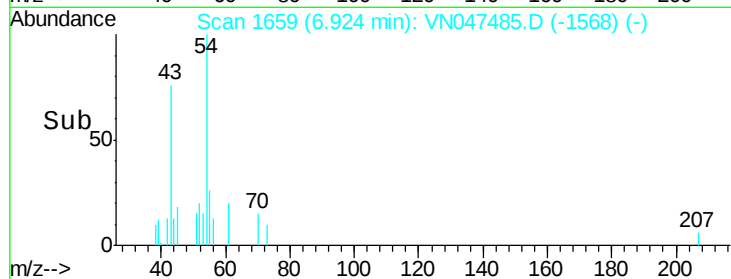
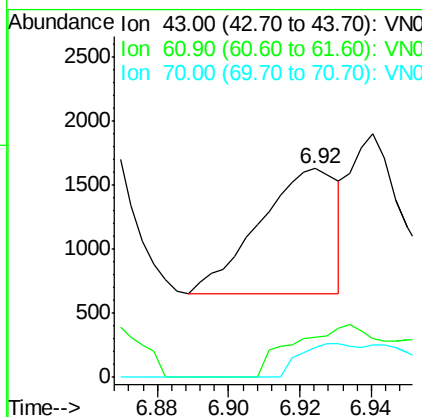
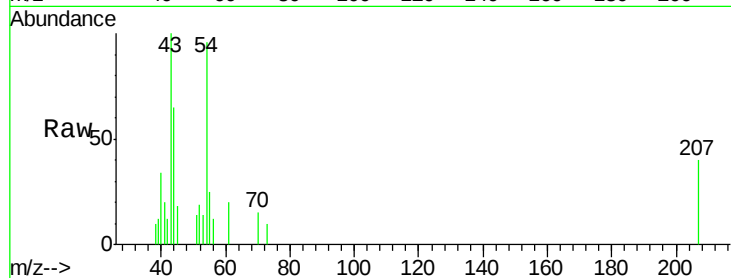




#37
 Ethyl Acetate
 Concen: 0.30 ug/l
 RT: 6.92 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

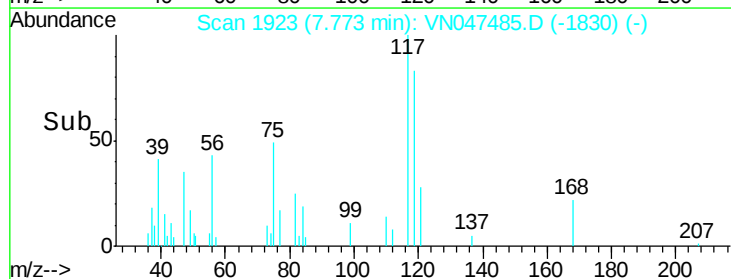
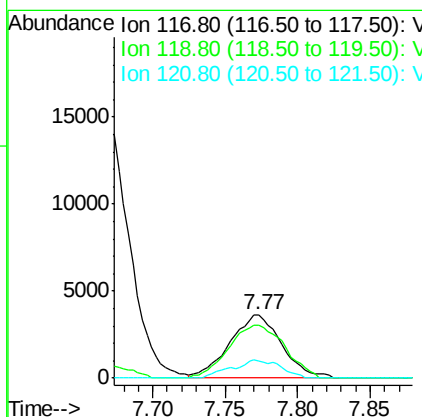
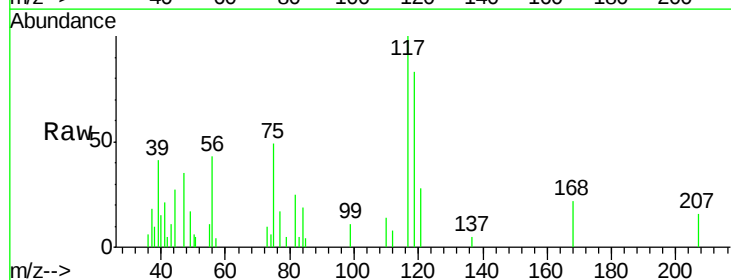
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

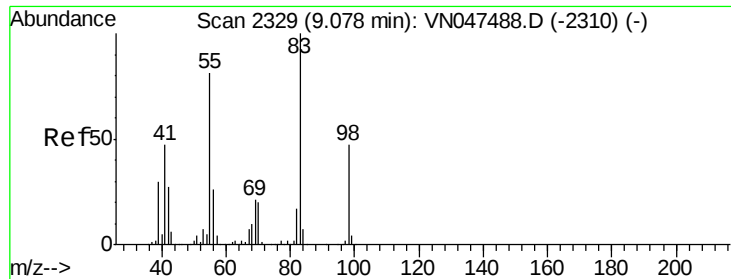
Tgt Ion: 43 Resp: 1490
 Ion Ratio Lower Upper
 43 100
 61 47.7 10.9 16.3#
 70 20.5 8.6 13.0#



#38
 Carbon Tetrachloride
 Concen: 1.17 ug/l
 RT: 7.77 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 117 Resp: 9091
 Ion Ratio Lower Upper
 117 100
 119 82.8 75.5 113.3
 121 27.7 23.8 35.8

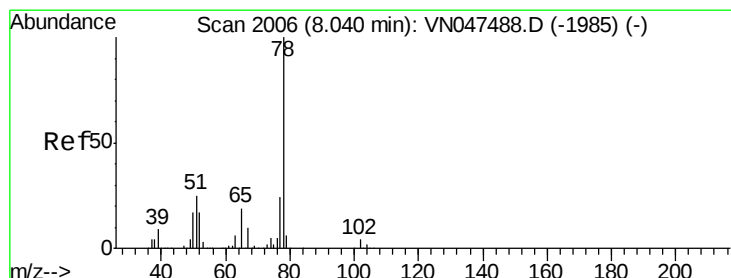
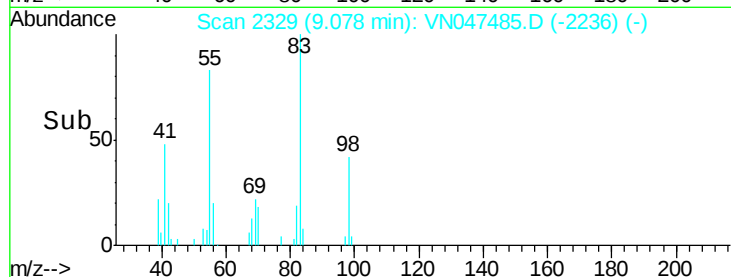
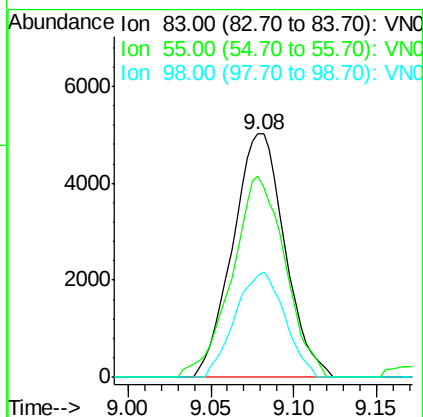
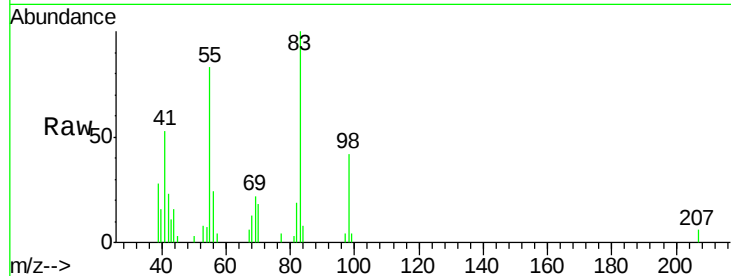




#39
Methylcyclohexane
Concen: 1.12 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

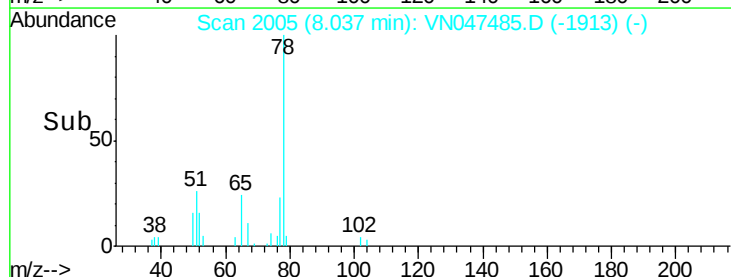
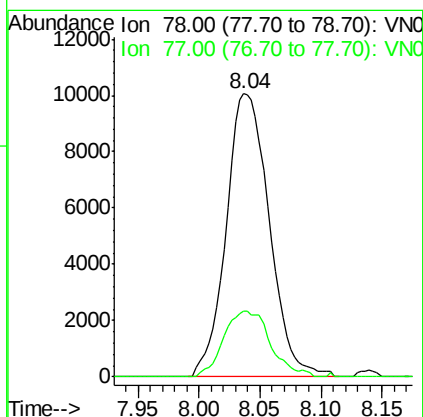
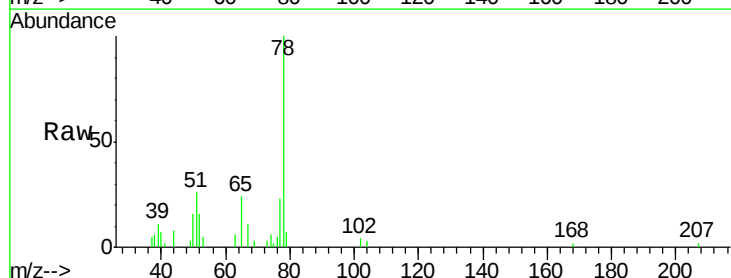
Instrument :
MSVOA_X
ClientSampleId :
BFB

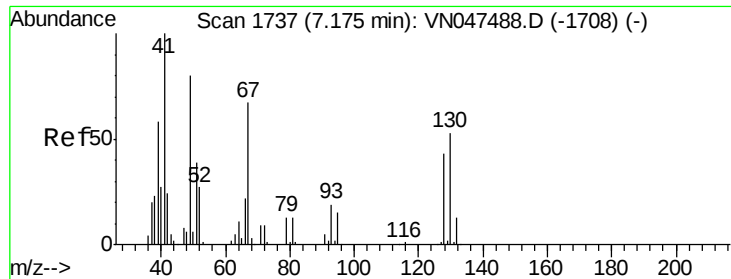
Tgt Ion: 83 Resp: 10953
Ion Ratio Lower Upper
83 100
55 82.8 65.0 97.4
98 41.9 37.2 55.8



#40
Benzene
Concen: 1.04 ug/l
RT: 8.04 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 78 Resp: 24709
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

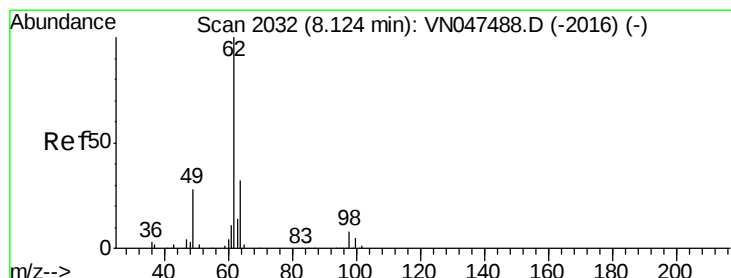
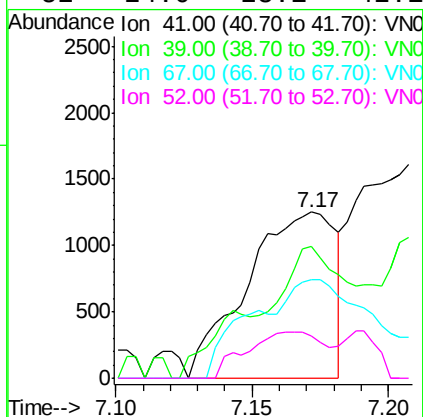
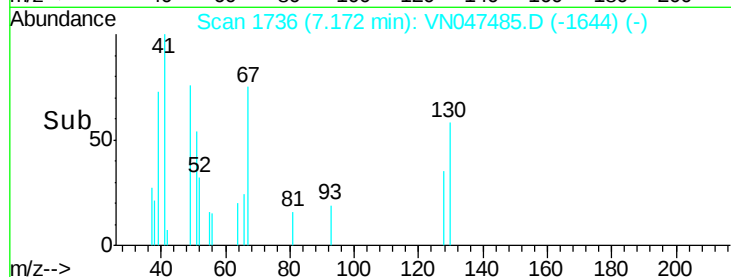
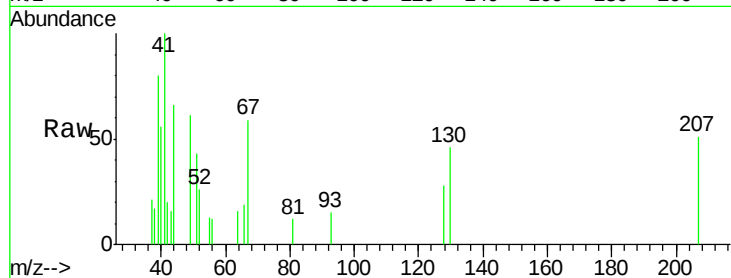




#41
Methacrylonitrile
Concen: 1.04 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

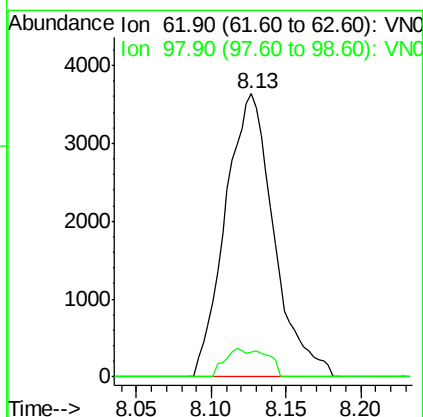
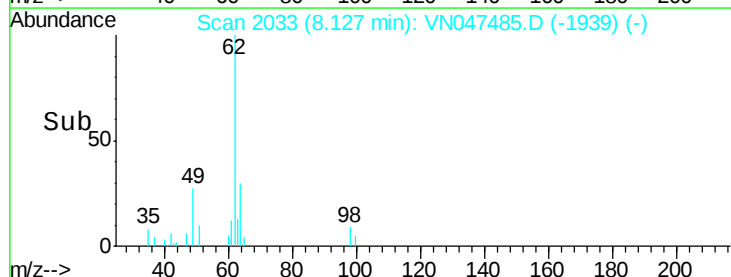
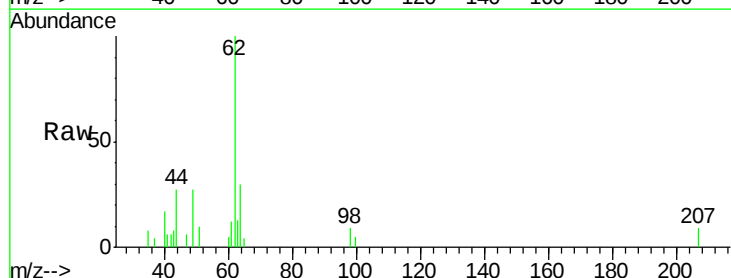
Instrument :
MSVOA_X
ClientSampled :
BFB

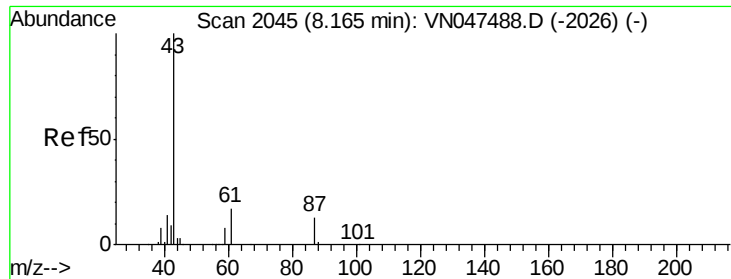
Tgt Ion: 41 Resp: 2817
Ion Ratio Lower Upper
41 100
39 24.4 52.3 78.5#
67 83.1 66.5 99.7
52 24.0 28.1 42.1#



#42
1,2-Dichloroethane
Concen: 1.04 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 62 Resp: 8197
Ion Ratio Lower Upper
62 100
98 4.5 0.0 17.0

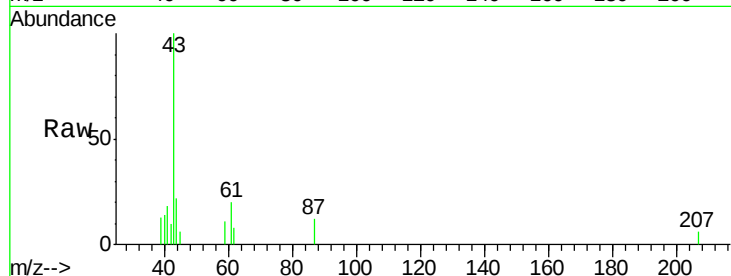




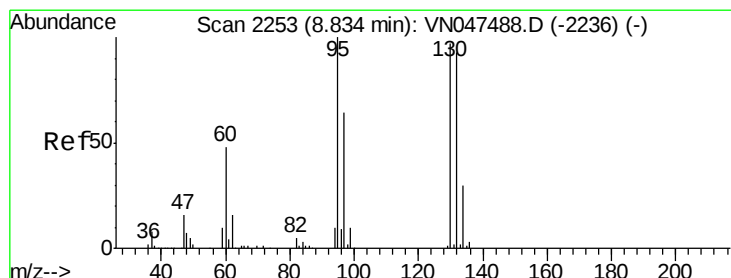
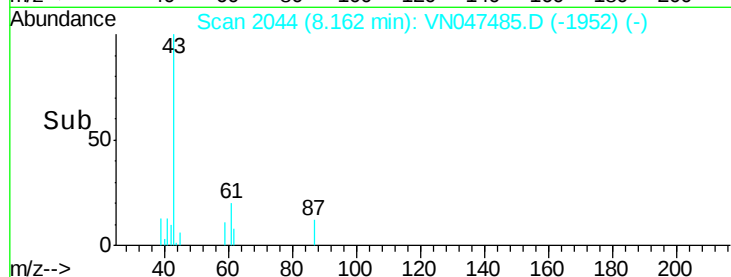
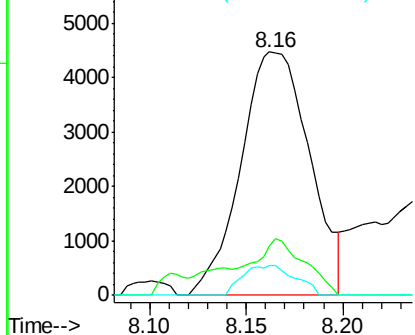
#43
Isopropyl Acetate
Concen: 1.12 ug/l
RT: 8.16 min Scan# 2044
Delta R.T. -0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 11051
Ion Ratio Lower Upper
43 100
61 23.0 22.7 34.1
87 9.3 10.3 15.5#

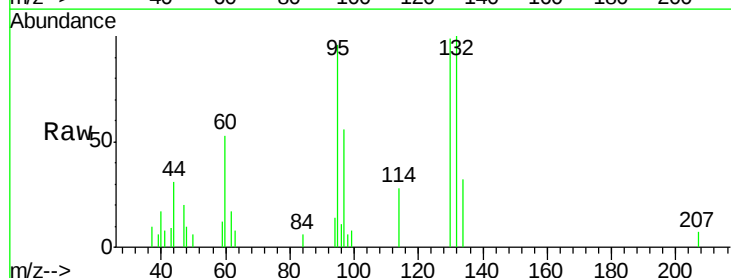


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

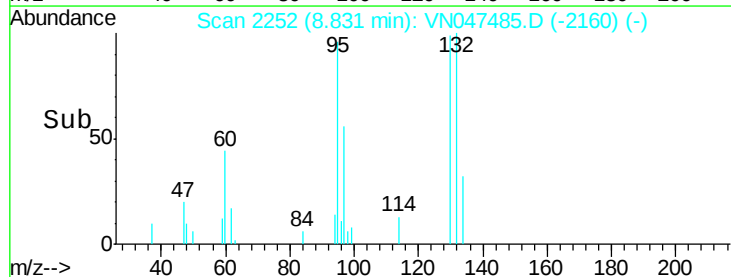
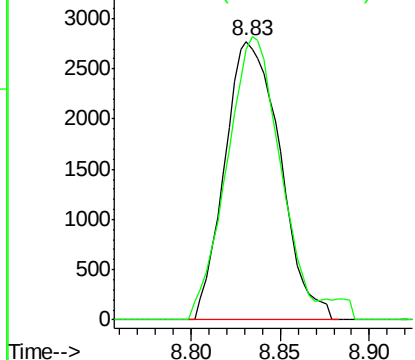


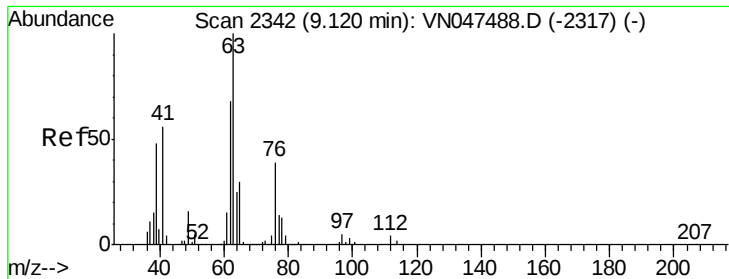
#44
Trichloroethene
Concen: 1.02 ug/l
RT: 8.83 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 130 Resp: 5974
Ion Ratio Lower Upper
130 100
95 97.0 0.0 205.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

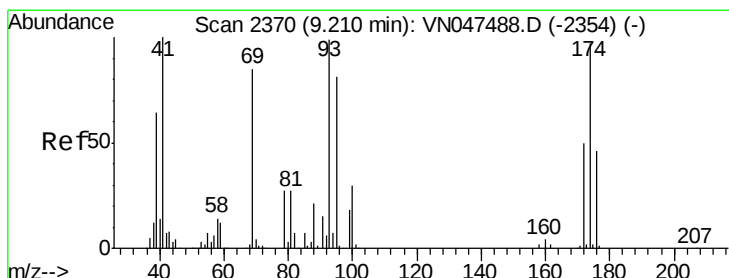
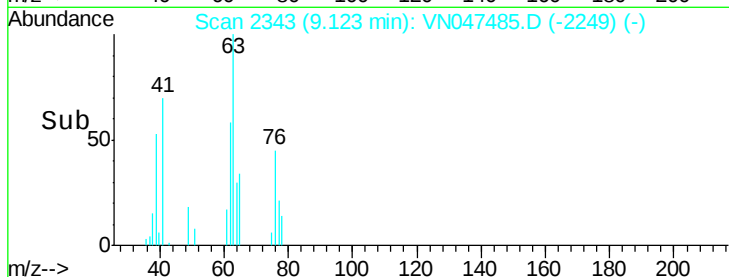
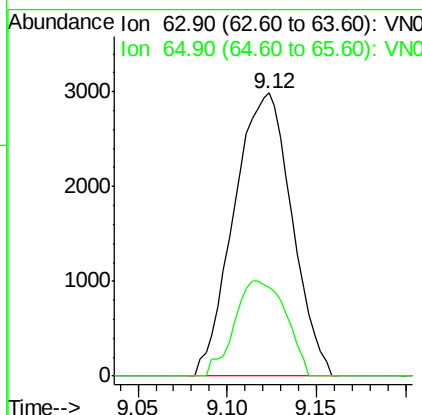
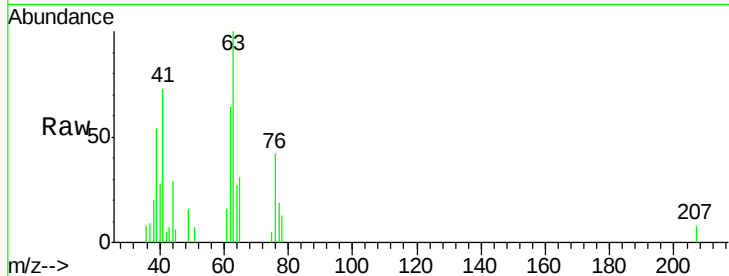




#45
 1,2-Dichloropropane
 Concen: 1.07 ug/l
 RT: 9.12 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

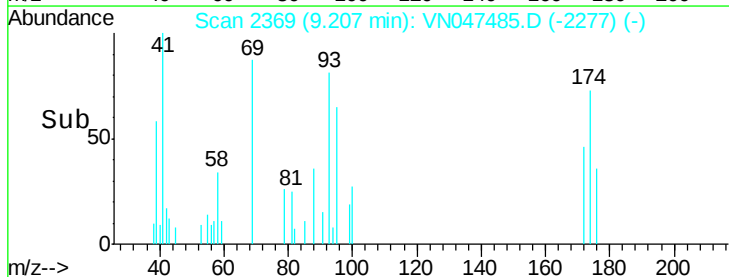
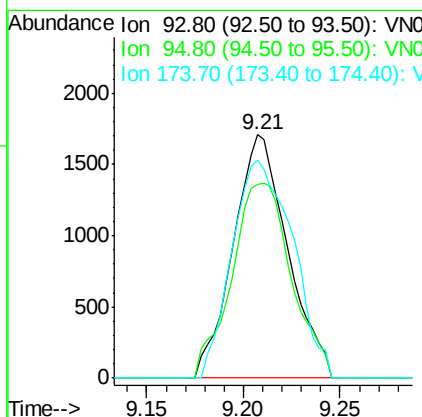
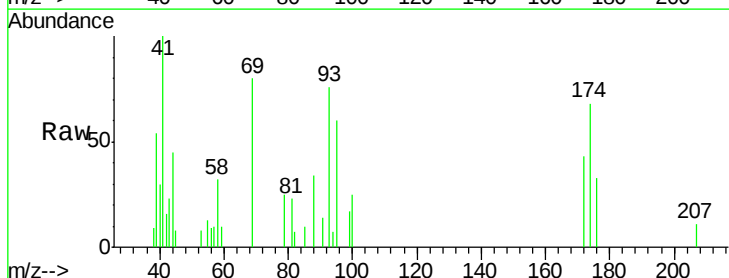
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

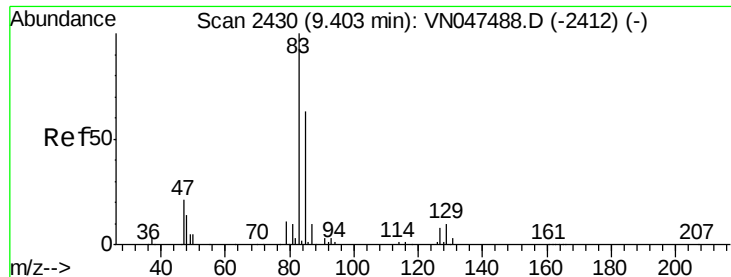
Tgt Ion: 63 Resp: 6763
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.8 35.6



#46
 Dibromomethane
 Concen: 0.90 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 93 Resp: 3346
 Ion Ratio Lower Upper
 93 100
 95 87.7 66.2 99.4
 174 99.8 77.8 116.6





#47

Bromodichloromethane

Concen: 1.00 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

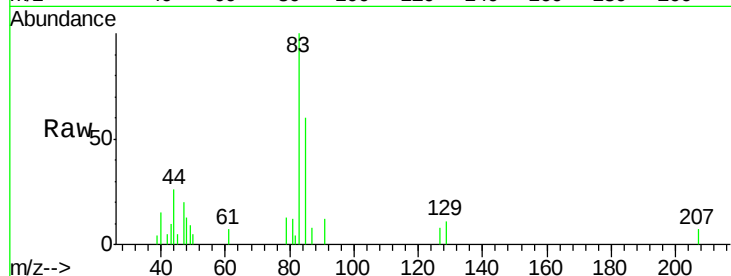
Tgt Ion: 83 Resp: 8168

Ion Ratio Lower Upper

83 100

85 60.2 50.6 76.0

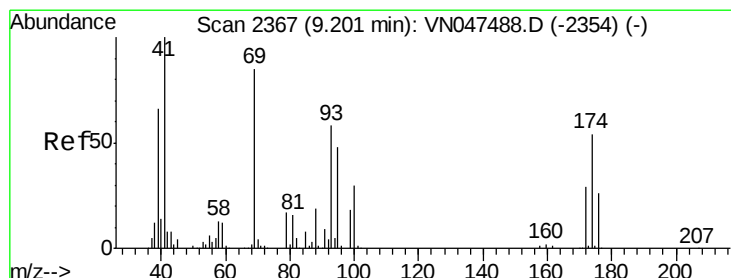
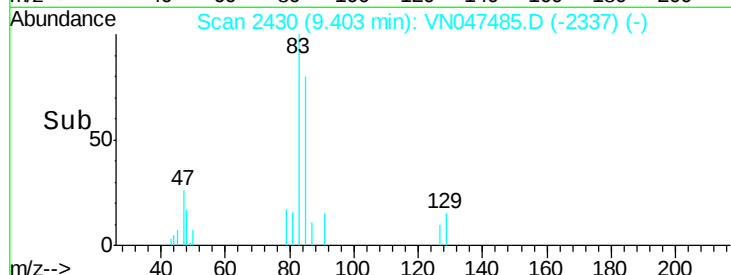
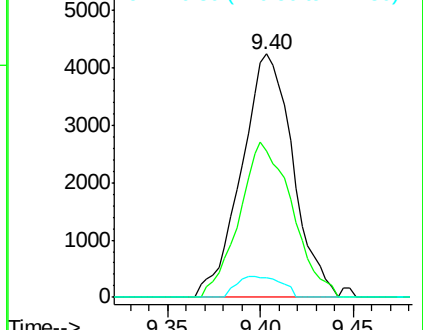
127 7.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN047485.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN047485.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN047485.D (-2337) (-)



#48

Methyl methacrylate

Concen: 1.05 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

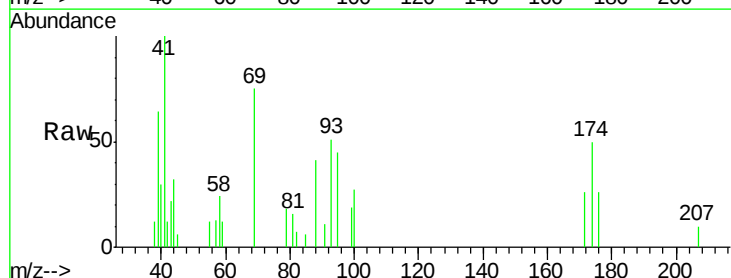
Tgt Ion: 41 Resp: 4890

Ion Ratio Lower Upper

41 100

69 88.2 69.7 104.5

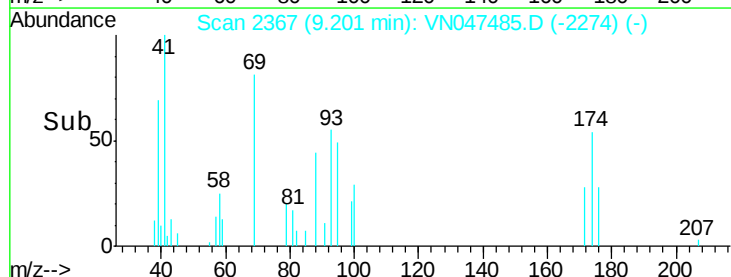
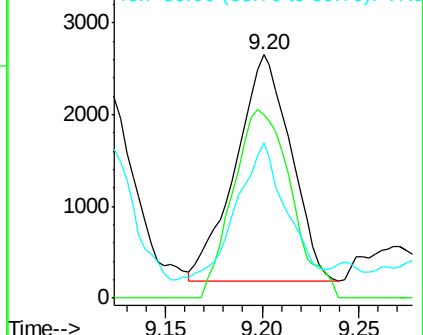
39 52.6 54.2 81.4#

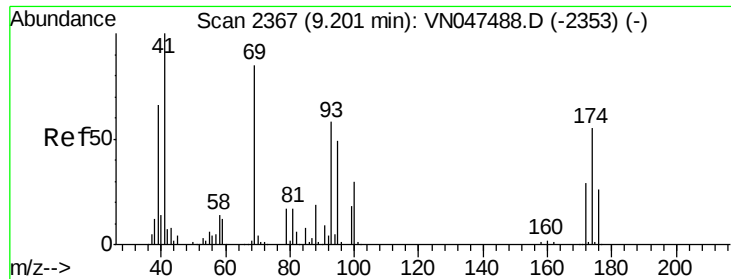


Abundance Ion 41.00 (40.70 to 41.70): VN047485.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN047485.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN047485.D (-2274) (-)

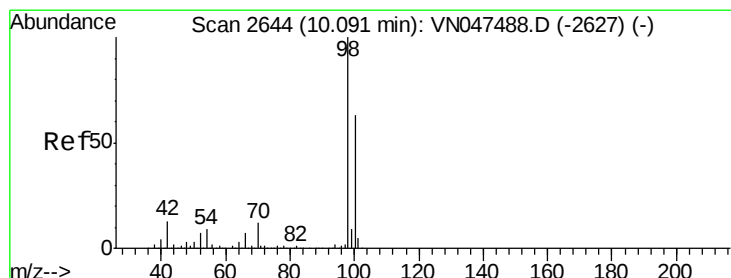
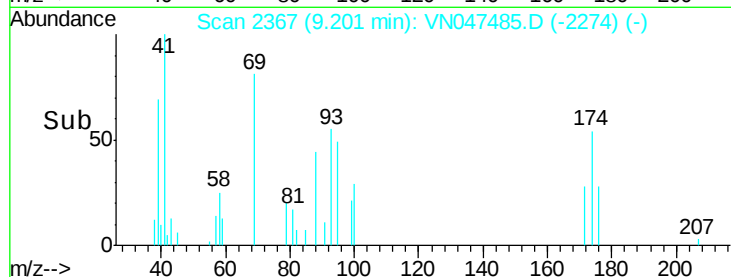
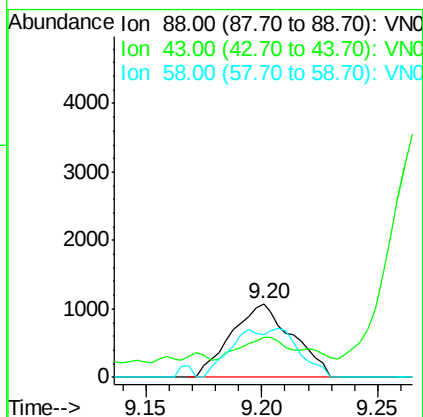
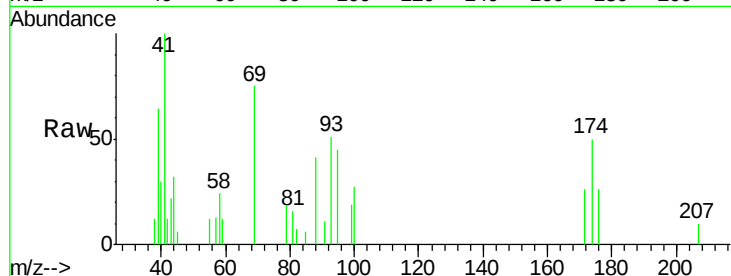




#49
1,4-Dioxane
Concen: 39.20 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

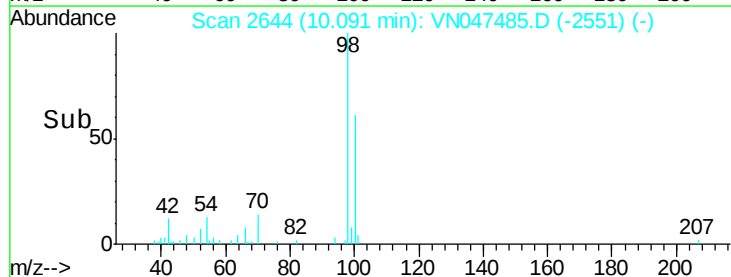
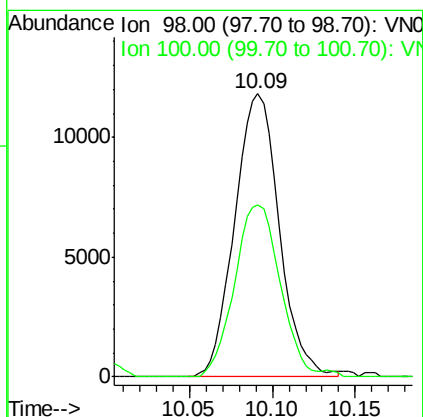
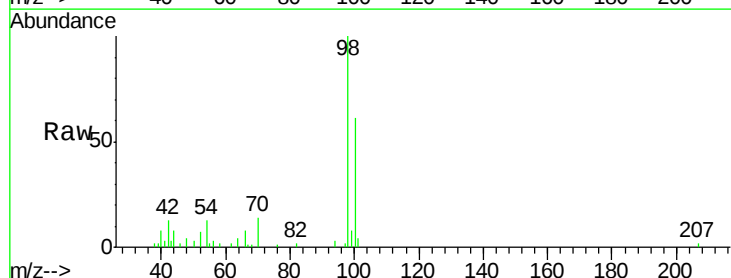
Instrument :
MSVOA_X
ClientSampled :
BFB

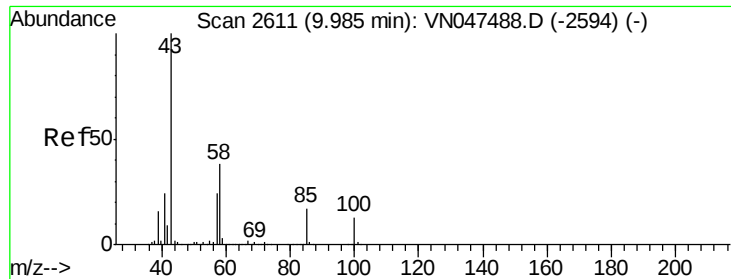
Tgt Ion: 88 Resp: 1978
Ion Ratio Lower Upper
88 100
43 28.3 31.3 46.9#
58 37.0 56.7 85.1#



#50
Toluene-d8
Concen: 1.07 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 98 Resp: 22108
Ion Ratio Lower Upper
98 100
100 62.2 50.6 75.8

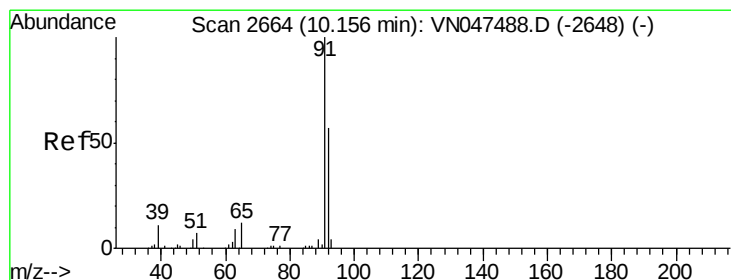
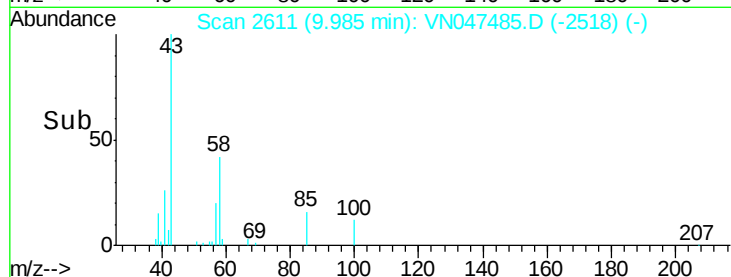
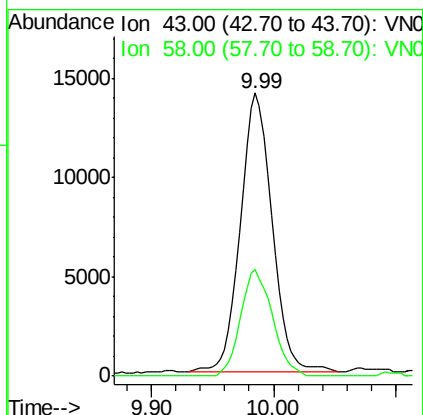
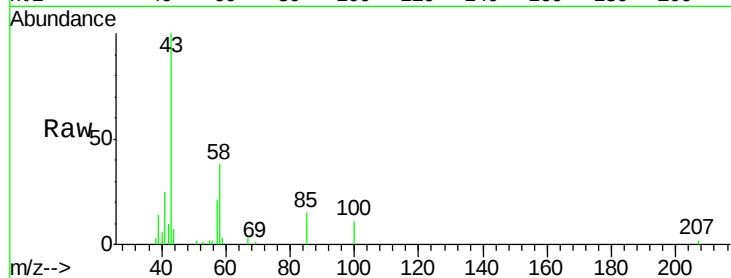




#51
 4-Methyl-2-Pentanone
 Concen: 4.94 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

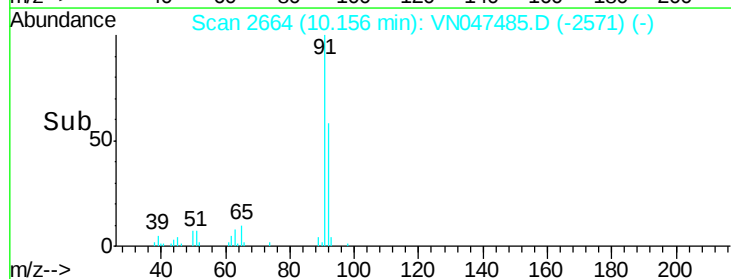
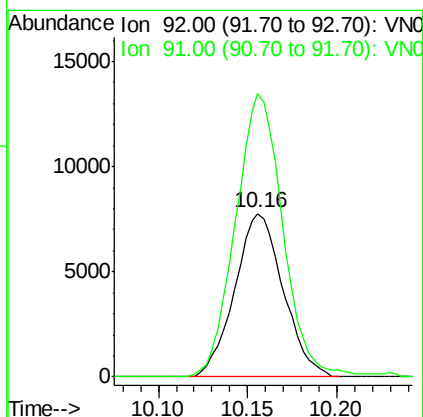
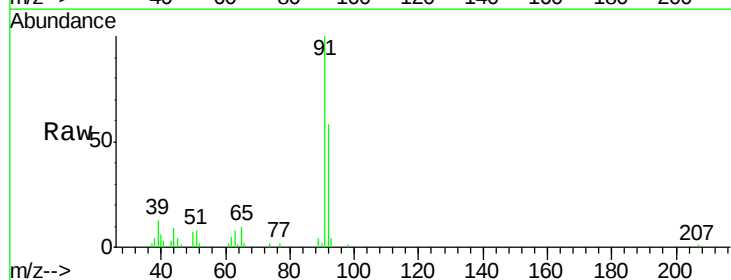
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

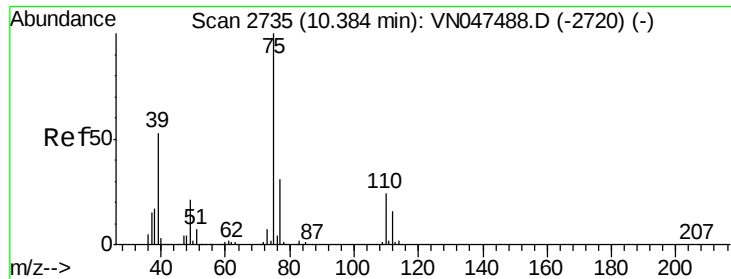
Tgt Ion: 43 Resp: 25226
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.4 45.6



#52
 Toluene
 Concen: 1.01 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 92 Resp: 14680
 Ion Ratio Lower Upper
 92 100
 91 169.4 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 0.89 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

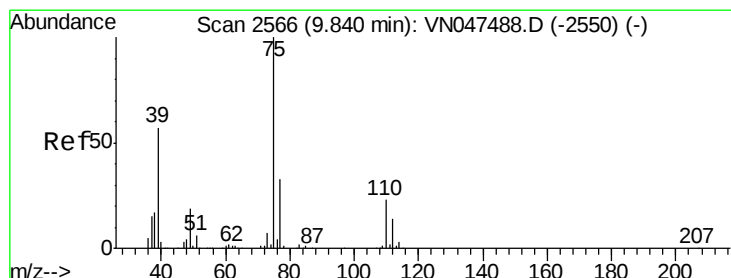
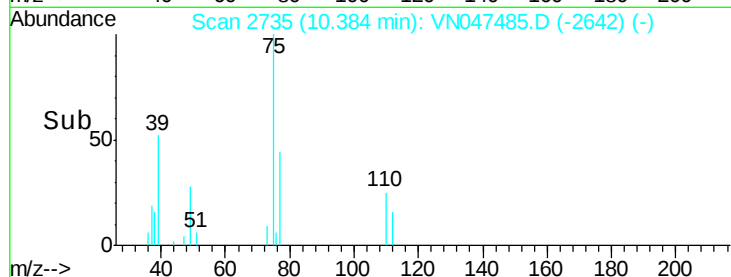
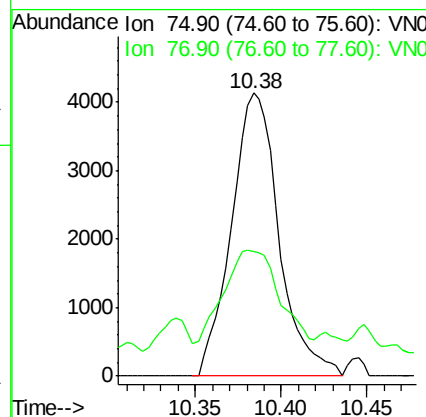
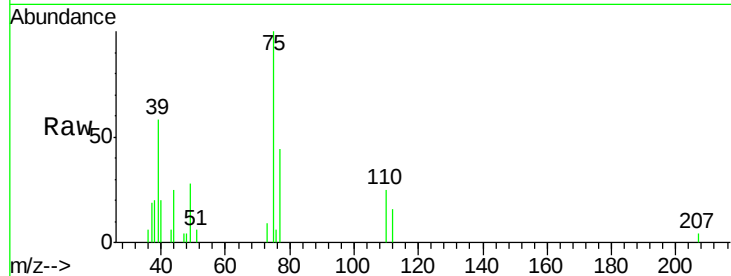
BFB

Tgt Ion: 75 Resp: 7952

Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 0.94 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

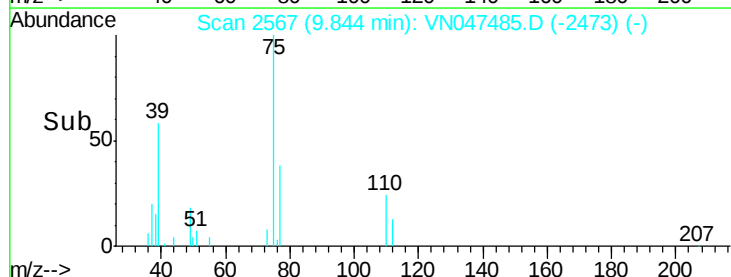
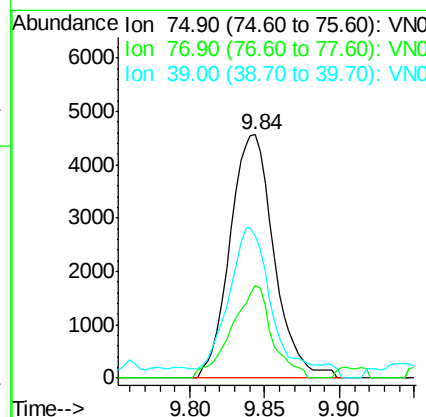
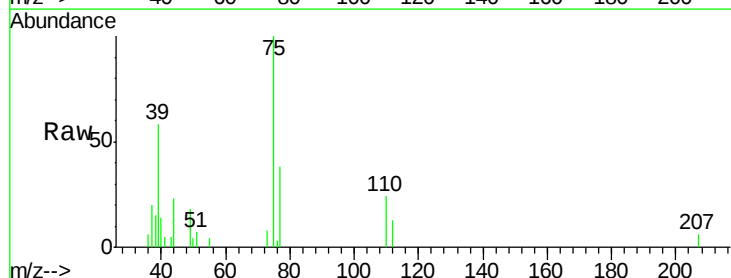
Tgt Ion: 75 Resp: 9323

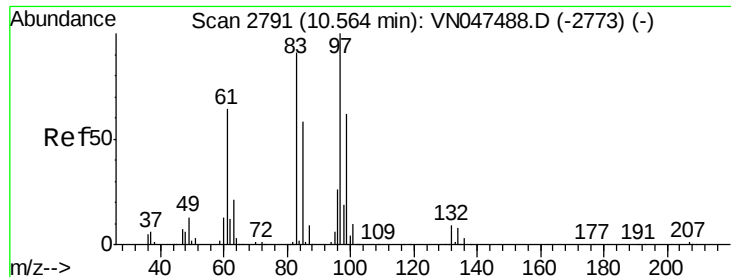
Ion Ratio Lower Upper

75 100

77 37.8 26.0 39.0

39 58.3 45.3 67.9





#55

1,1,2-Trichloroethane

Concen: 1.09 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tgt Ion: 97 Resp: 5591

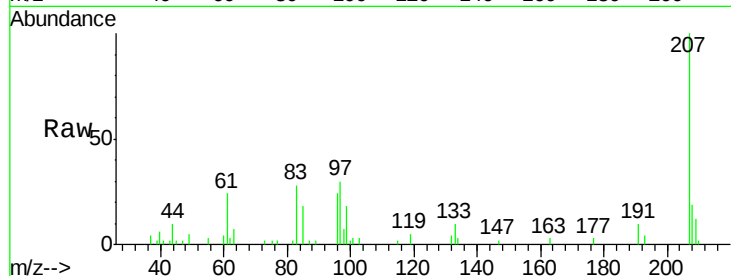
Ion Ratio Lower Upper

97 100

83 92.9 72.9 109.3

85 61.3 46.6 69.8

99 60.2 49.9 74.9



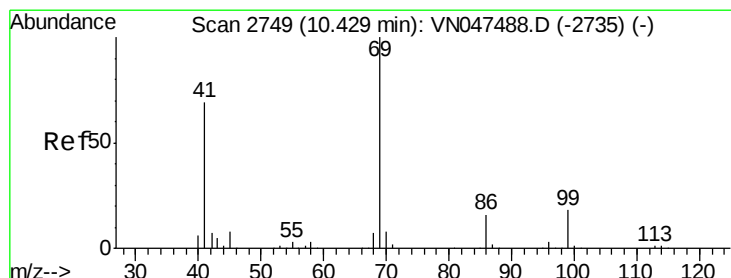
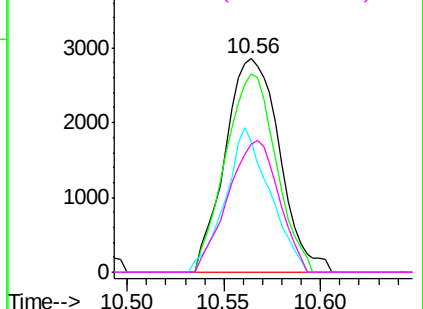
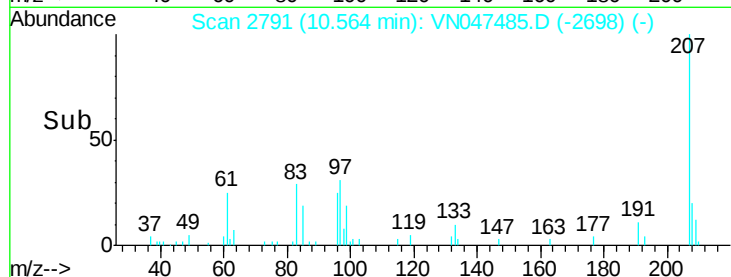
Abundance

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: 0.99 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

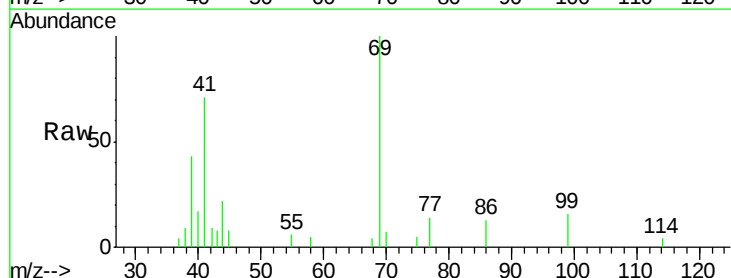
Tgt Ion: 69 Resp: 7225

Ion Ratio Lower Upper

69 100

41 77.0 54.2 81.4

39 41.8 34.3 51.5

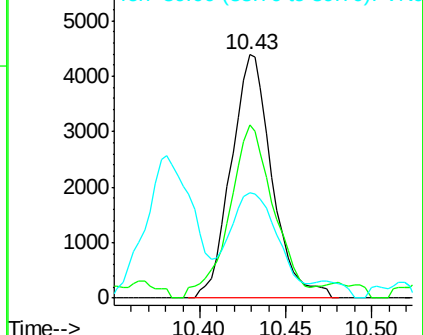
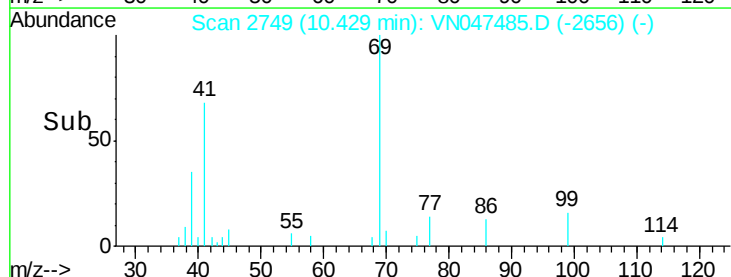


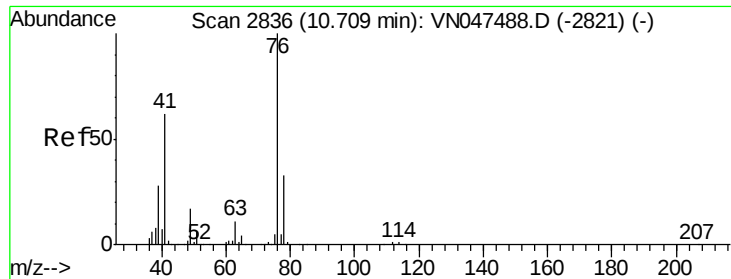
Abundance

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

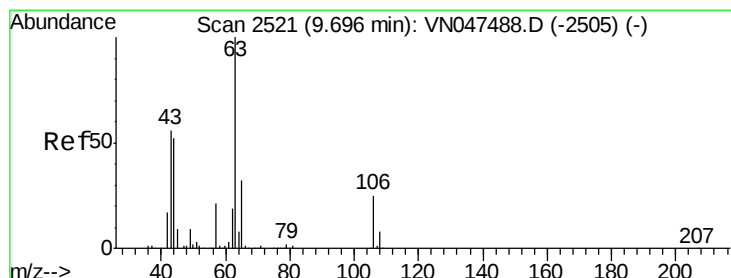
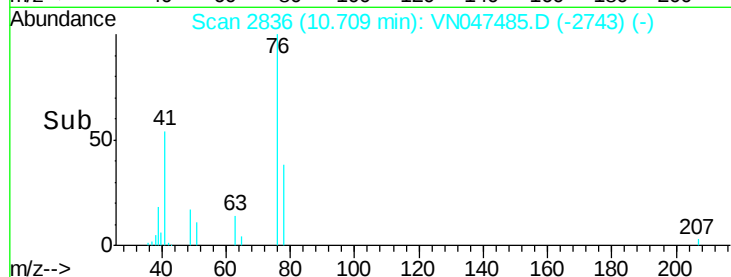
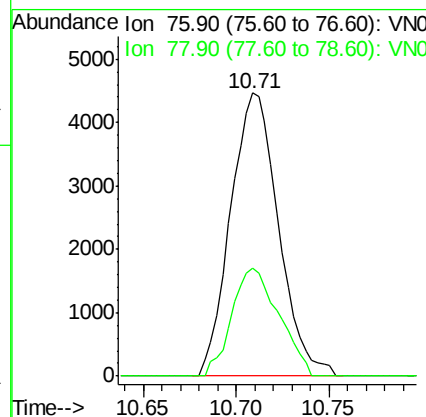
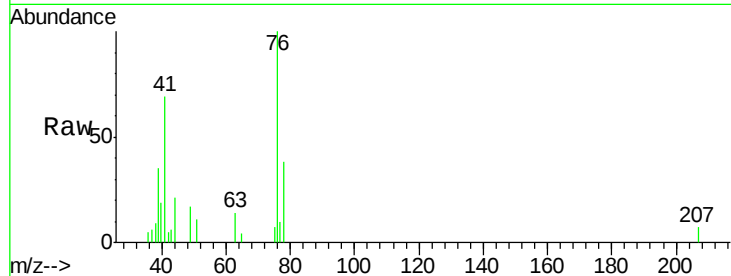




#57
 1,3-Dichloropropane
 Concen: 0.89 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

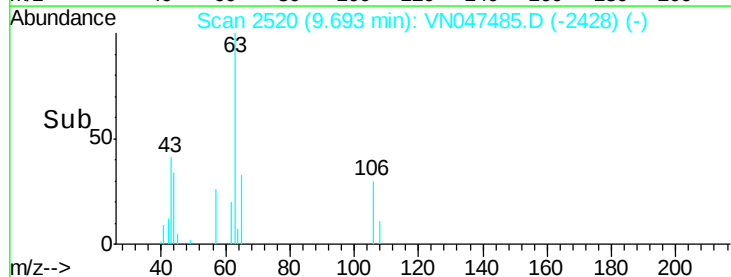
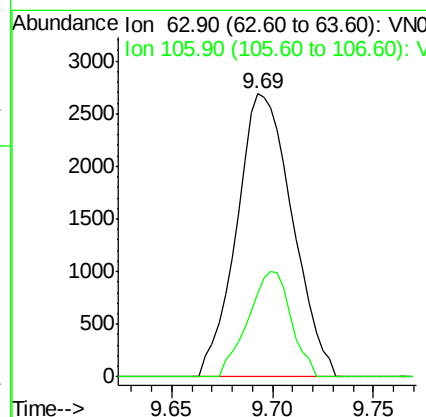
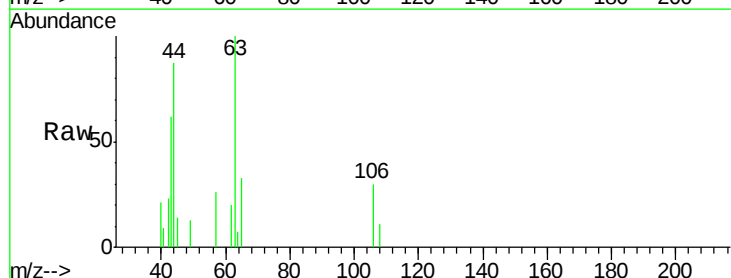
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

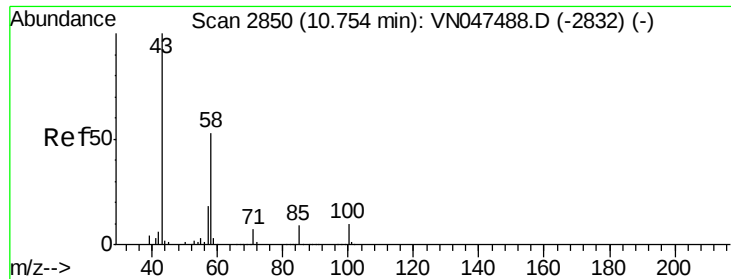
Tgt Ion: 76 Resp: 8032
 Ion Ratio Lower Upper
 76 100
 78 37.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.85 ug/l
 RT: 9.69 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 63 Resp: 5182
 Ion Ratio Lower Upper
 63 100
 106 28.9 20.3 30.5

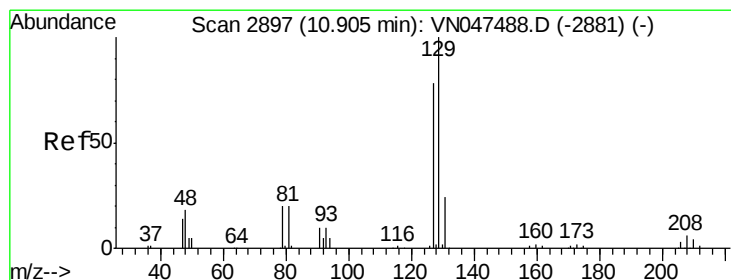
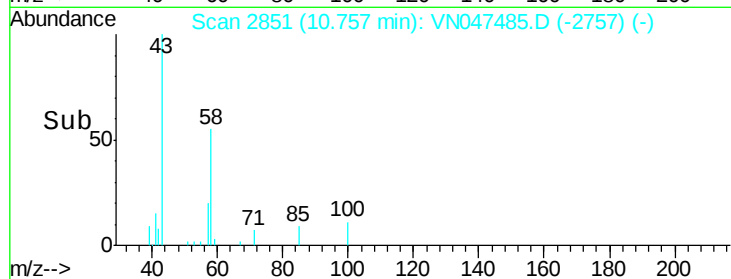
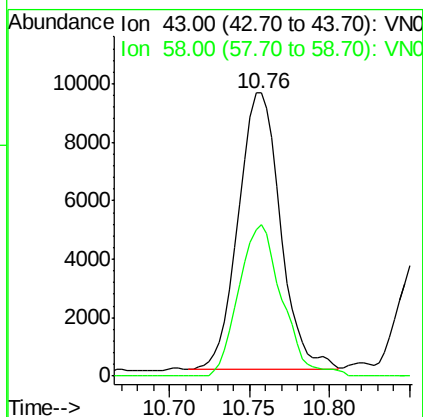
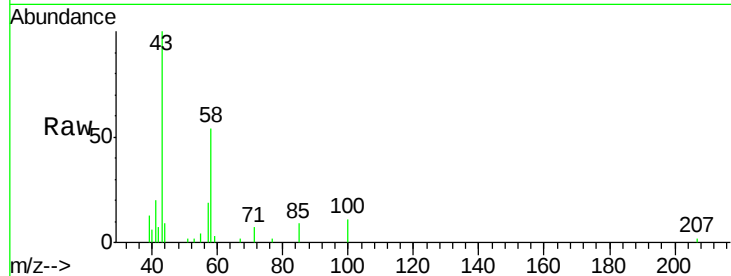




#59
2-Hexanone
Concen: 4.78 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

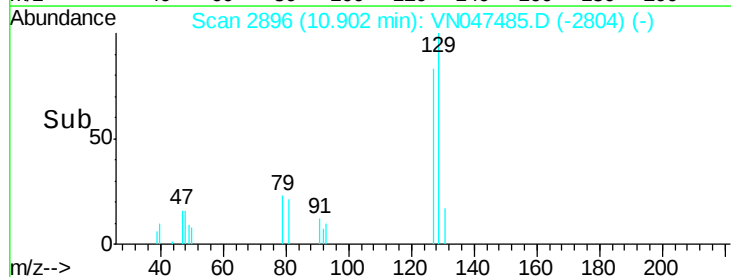
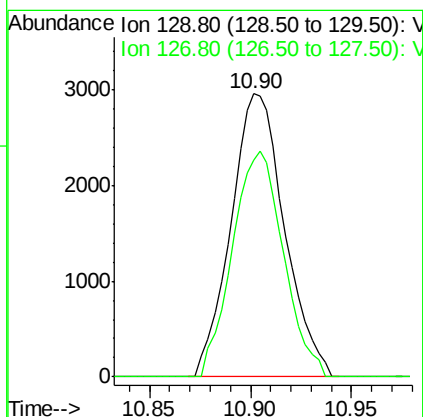
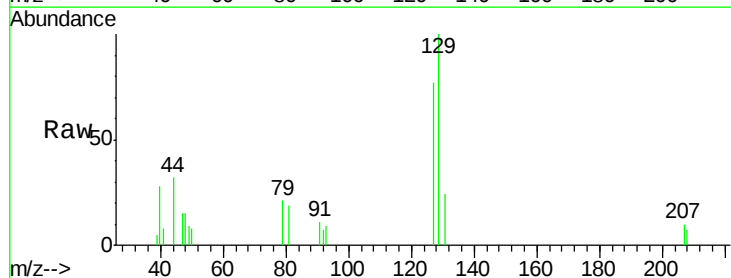
Instrument :
MSVOA_X
ClientSampled :
BFB

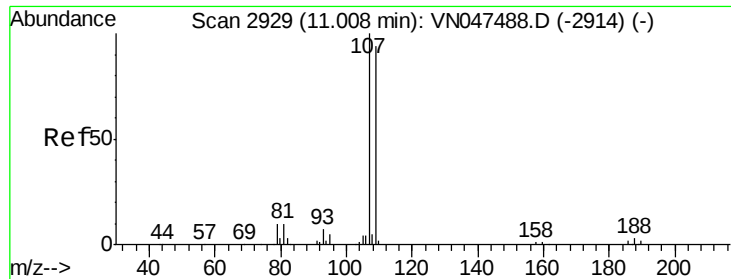
Tgt Ion: 43 Resp: 17090
Ion Ratio Lower Upper
43 100
58 56.0 26.6 79.8



#60
Dibromochloromethane
Concen: 0.94 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 129 Resp: 5483
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.7

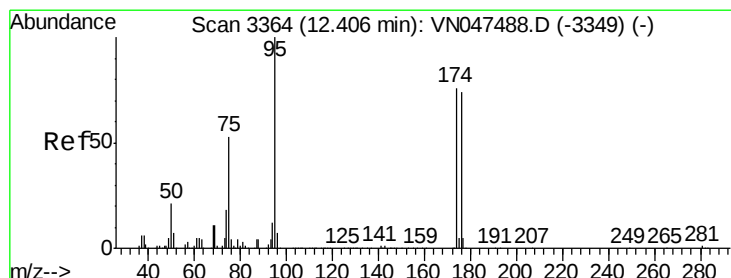
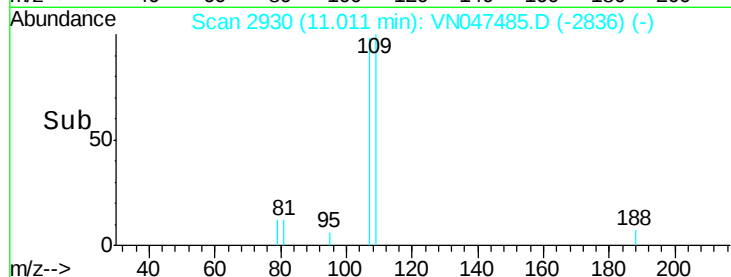
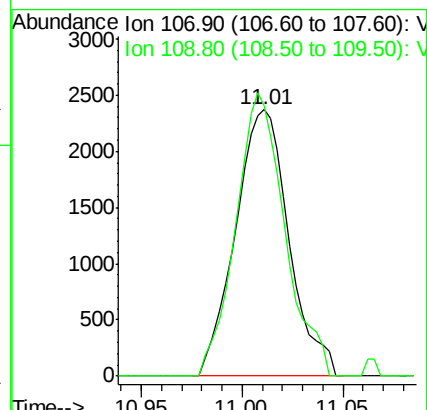
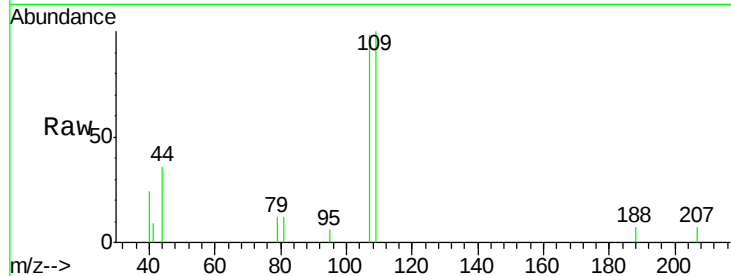




#61
 1,2-Dibromoethane
 Concen: 0.87 ug/l
 RT: 11.01 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

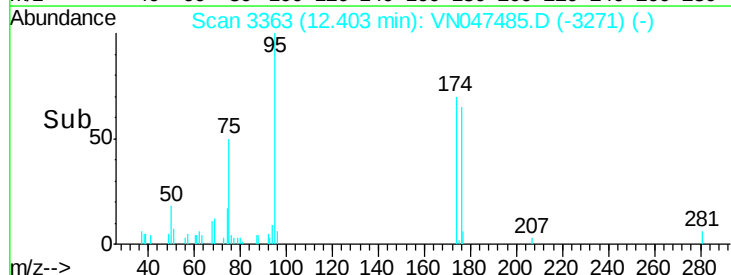
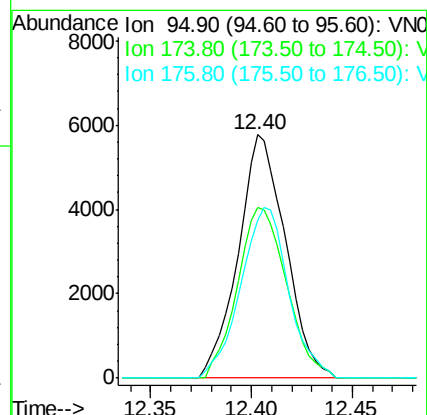
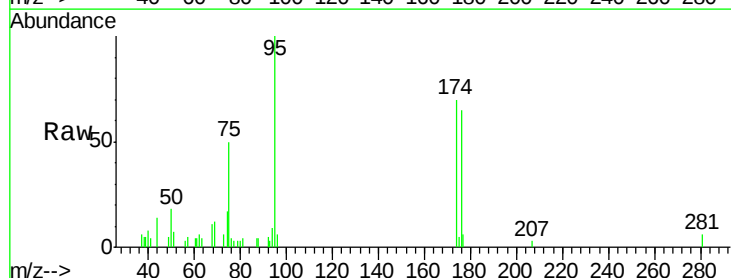
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

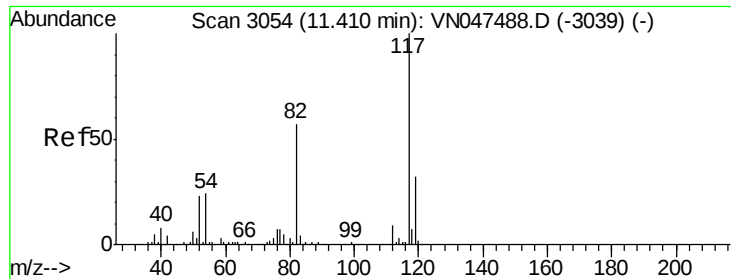
Tgt Ion: 107 Resp: 4397
 Ion Ratio Lower Upper
 107 100
 109 97.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 1.25 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 95 Resp: 9436
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 150.0
 176 71.4 0.0 145.8

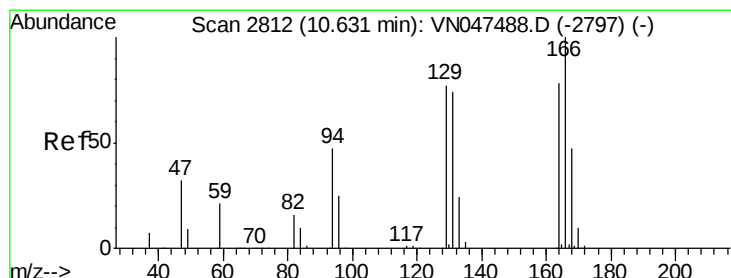
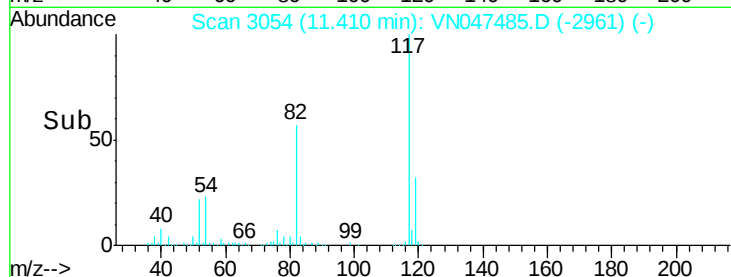
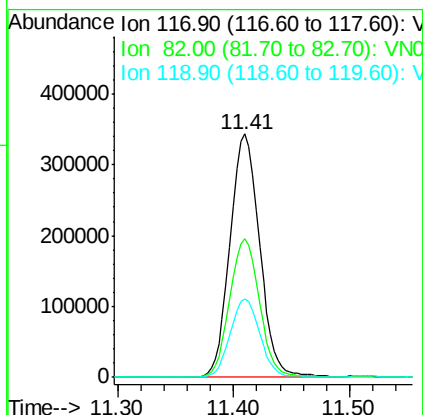
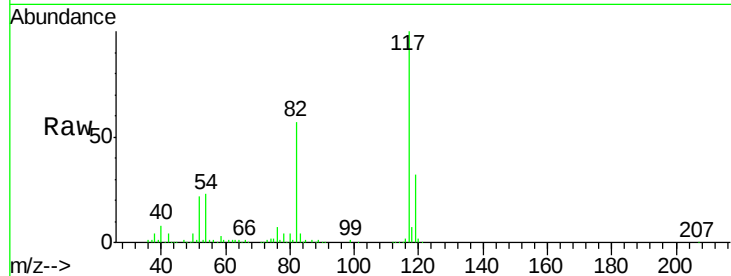




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

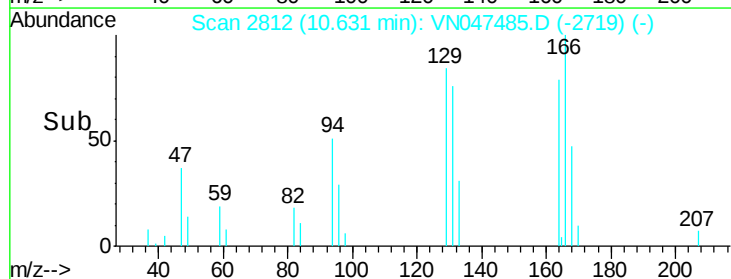
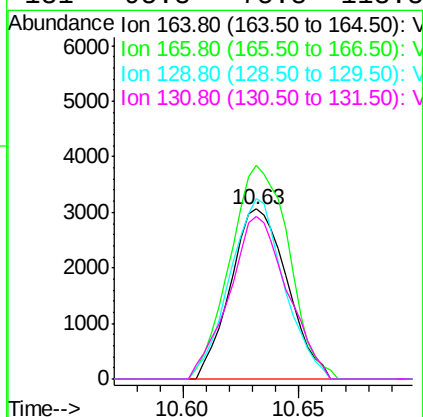
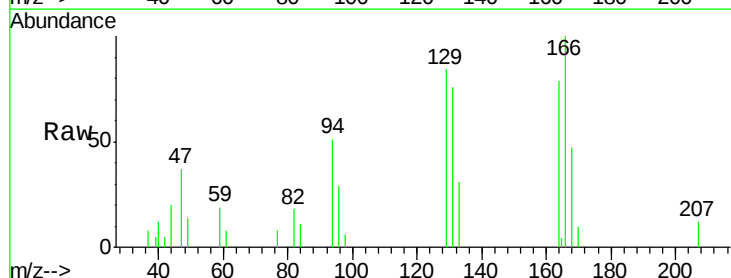
Instrument :
MSVOA_X
ClientSampled :
BFB

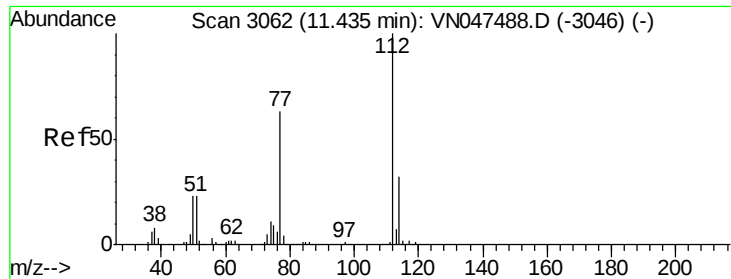
Tgt Ion:117 Resp: 607790
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 1.10 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion:164 Resp: 5198
Ion Ratio Lower Upper
164 100
166 125.8 103.0 154.6
129 106.1 79.4 119.2
131 95.8 75.8 113.8





#65

Chlorobenzene

Concen: 1.02 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

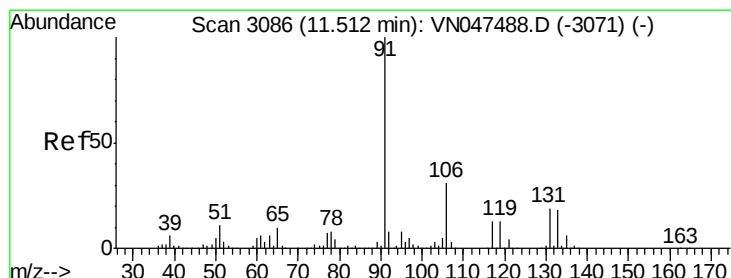
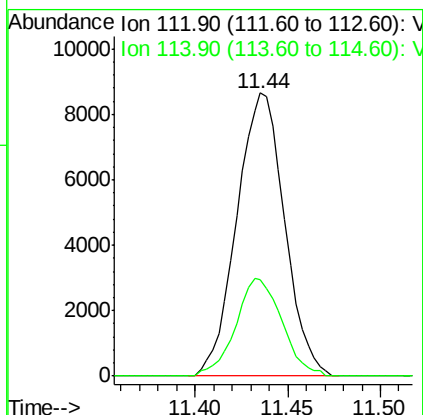
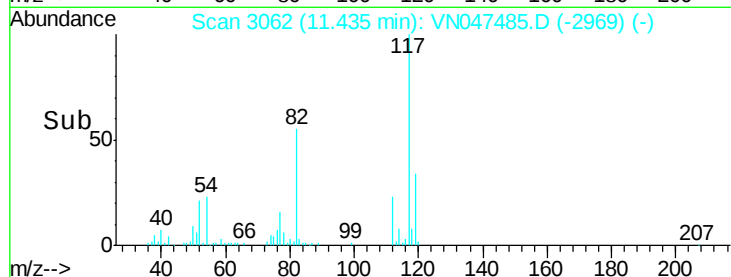
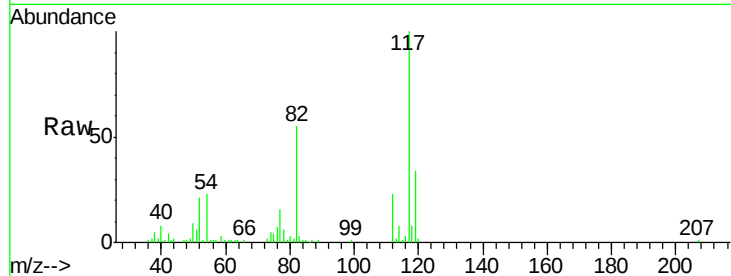
BFB

Tgt Ion:112 Resp: 15463

Ion Ratio Lower Upper

112 100

114 33.9 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 1.05 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

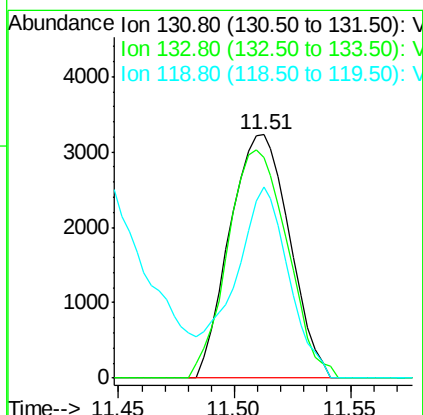
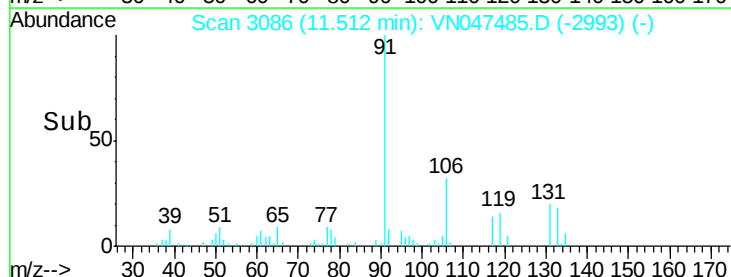
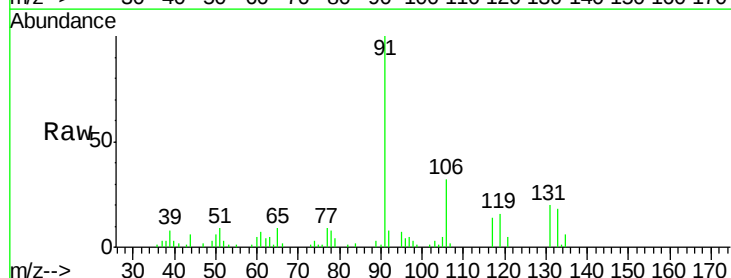
Tgt Ion:131 Resp: 5775

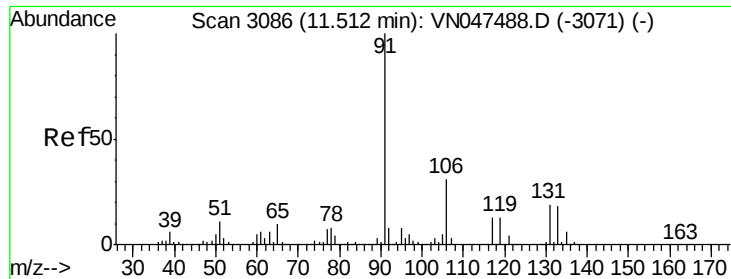
Ion Ratio Lower Upper

131 100

133 93.7 47.4 142.2

119 0.0 33.9 101.7#

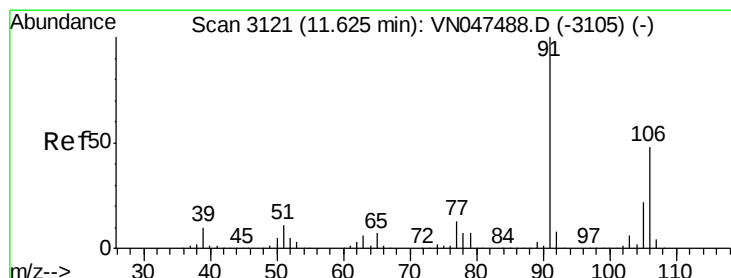
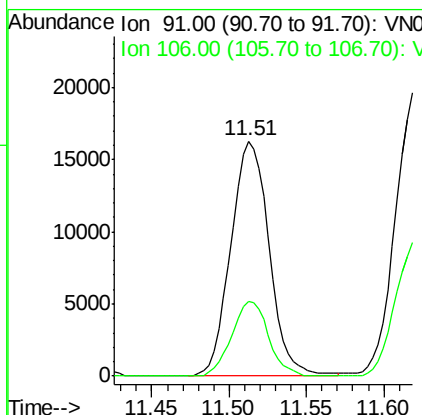
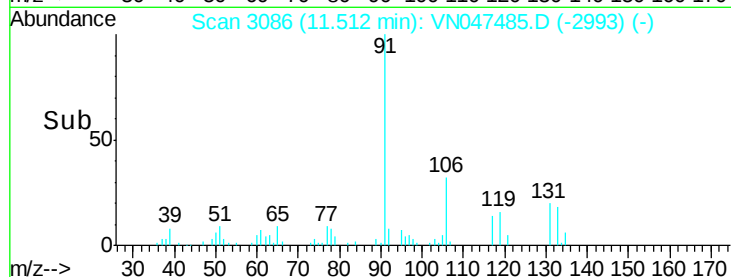
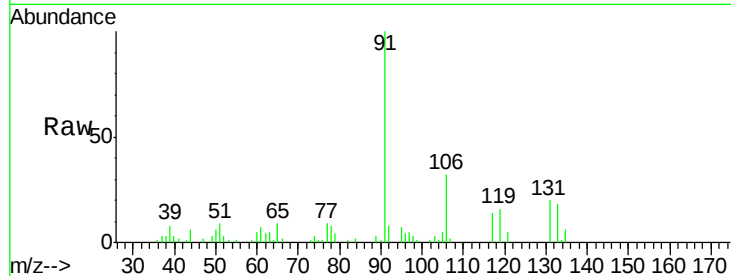




#67
Ethyl Benzene
Concen: 1.02 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

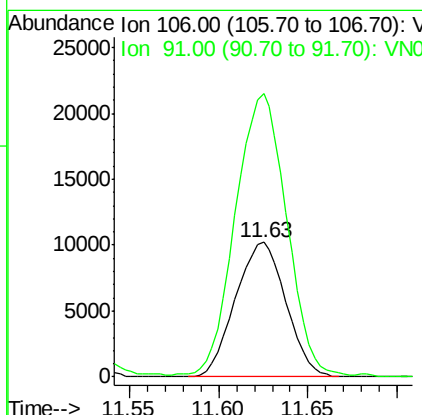
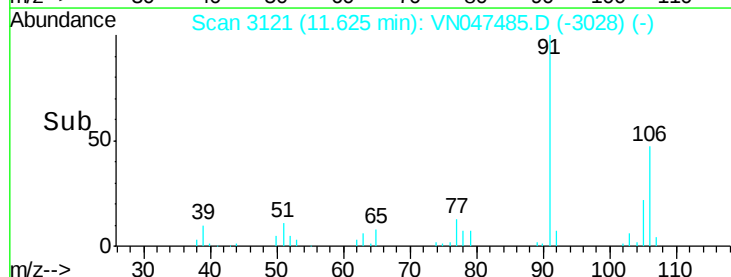
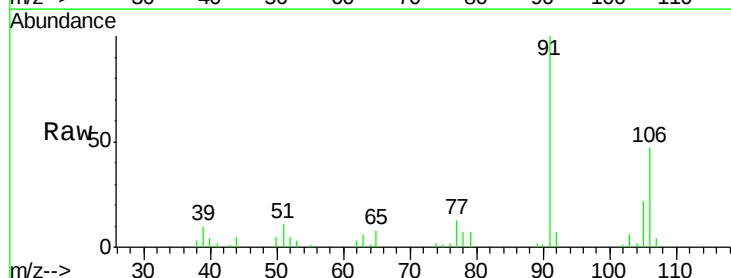
Instrument :
MSVOA_X
ClientSampled :
BFB

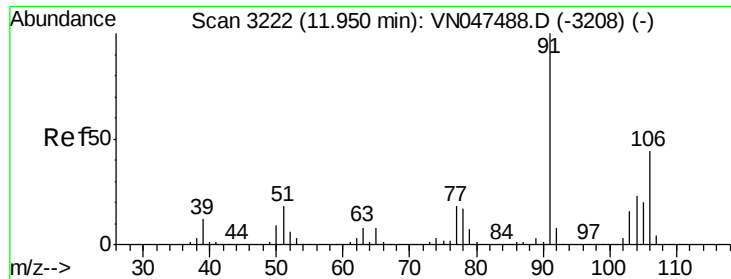
Tgt Ion: 91 Resp: 28090
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 1.96 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 106 Resp: 20146
Ion Ratio Lower Upper
106 100
91 210.6 168.6 252.8

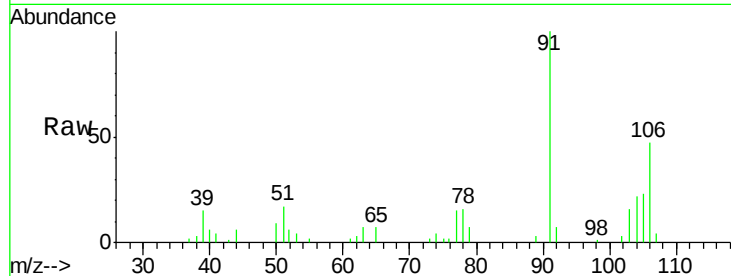




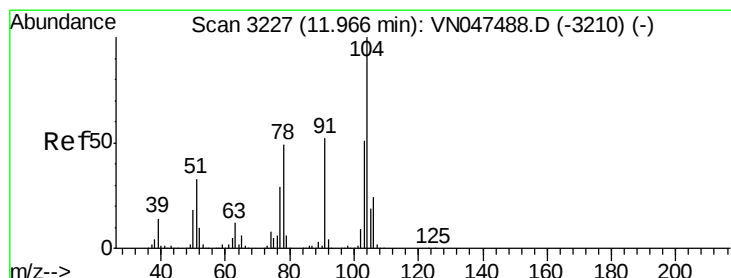
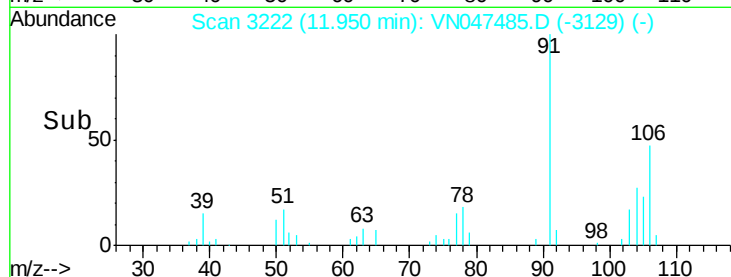
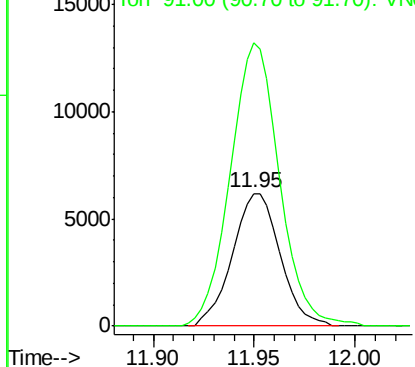
#69
o-Xylene
Concen: 1.03 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:106 Resp: 10278
Ion Ratio Lower Upper
106 100
91 219.1 111.5 334.5

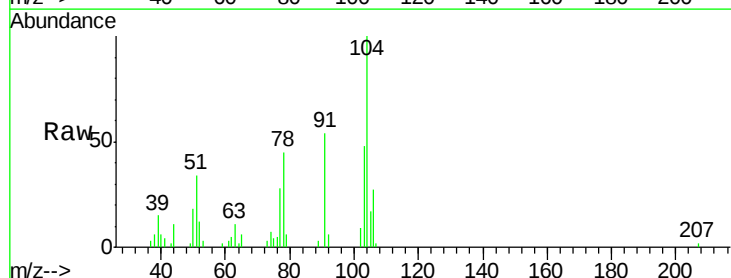


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

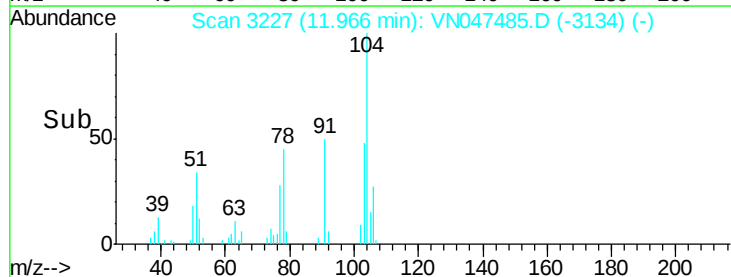
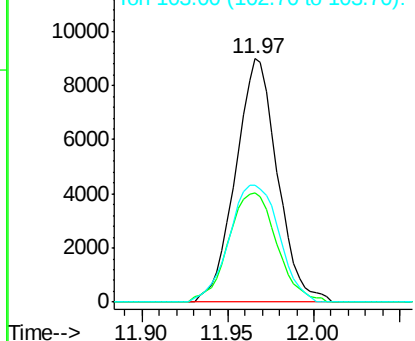


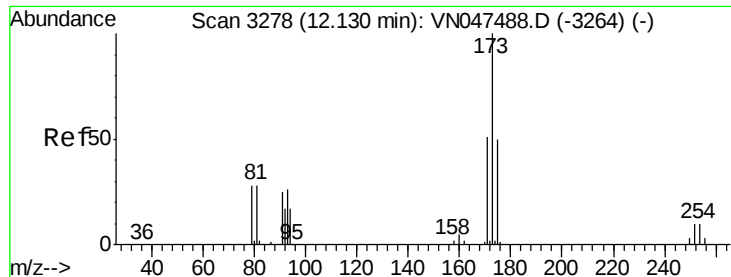
#70
Styrene
Concen: 0.93 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion:104 Resp: 15201
Ion Ratio Lower Upper
104 100
78 51.6 43.2 64.8
103 57.2 44.6 66.8



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





#71

Bromoform

Concen: 0.93 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

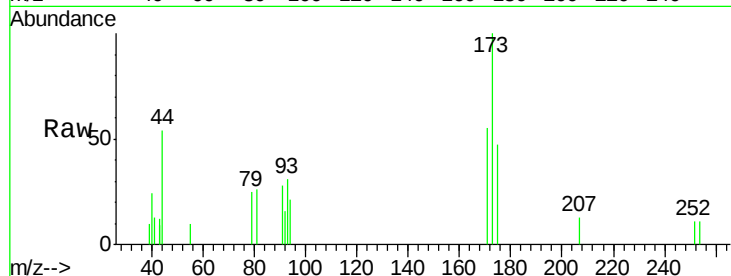
Tgt Ion:173 Resp: 3395

Ion Ratio Lower Upper

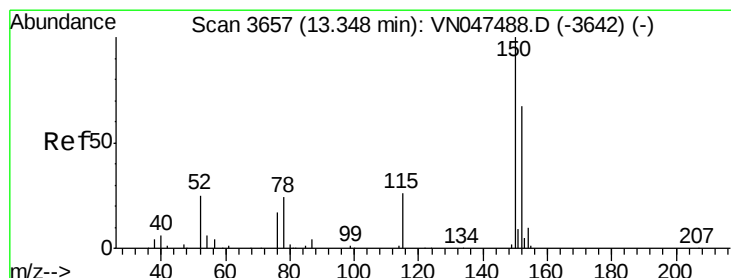
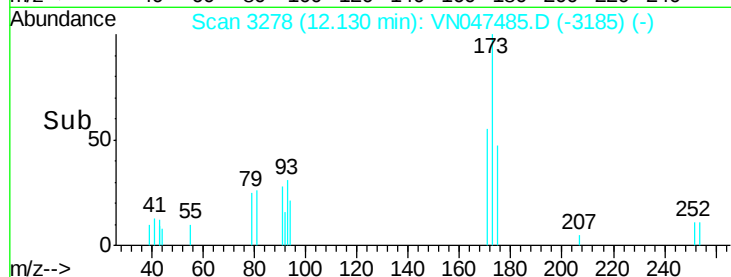
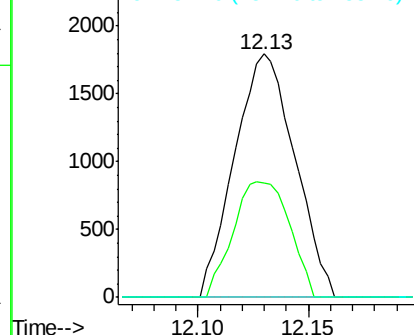
173 100

175 44.4 24.9 74.7

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: VN047485.D

Acq: 10 Apr 2018 10:06

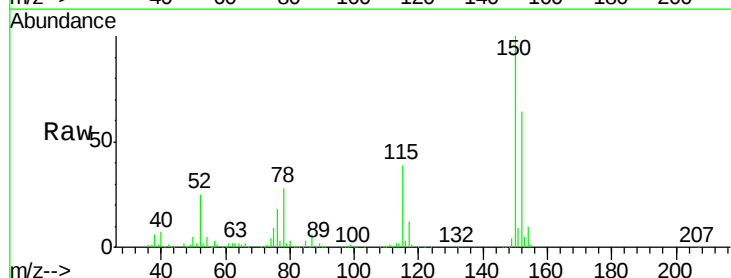
Tgt Ion:152 Resp: 270620

Ion Ratio Lower Upper

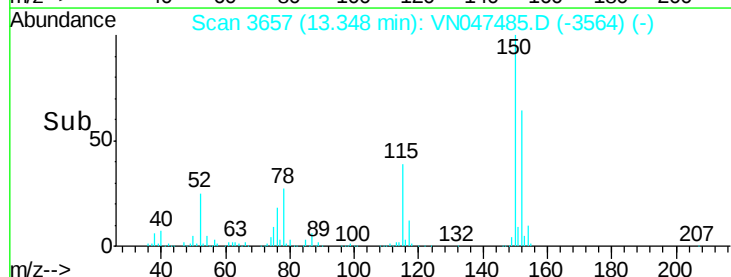
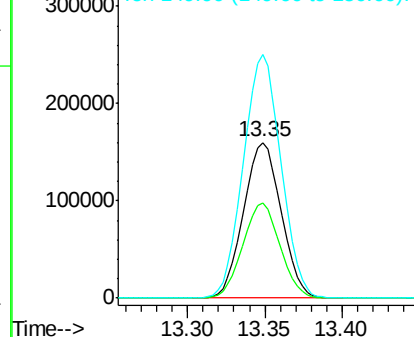
152 100

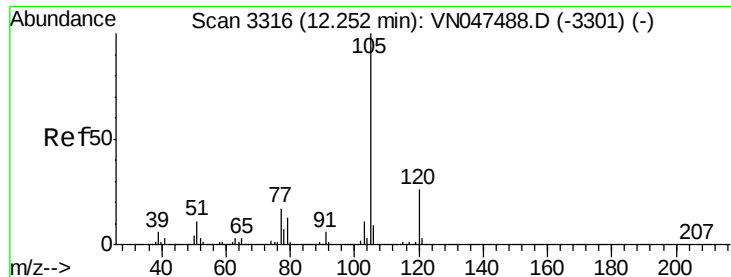
115 60.3 31.2 93.6

150 156.6 0.0 350.2



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: 1.14 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

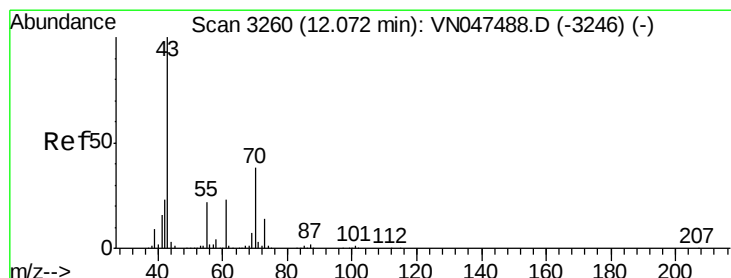
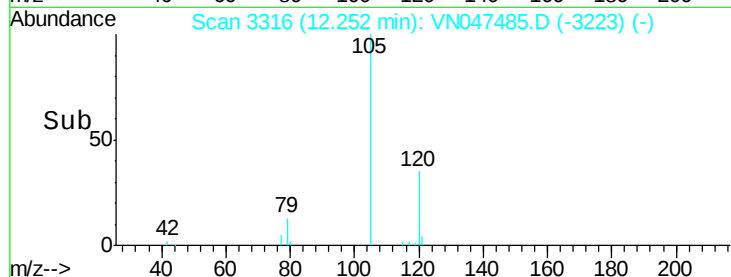
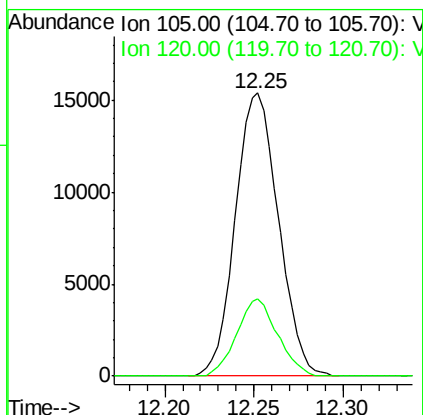
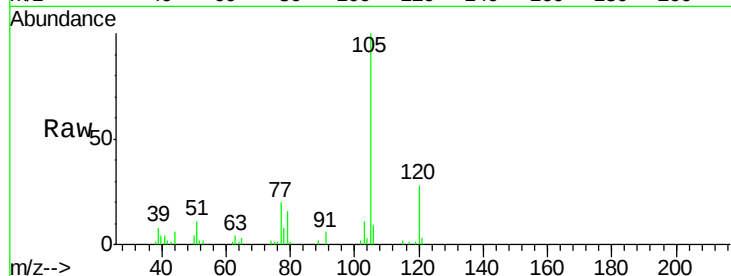
BFB

Tgt Ion: 105 Resp: 25992

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 1.08 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Tgt Ion: 43 Resp: 8198

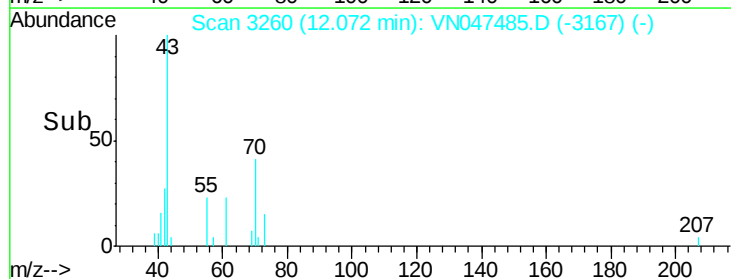
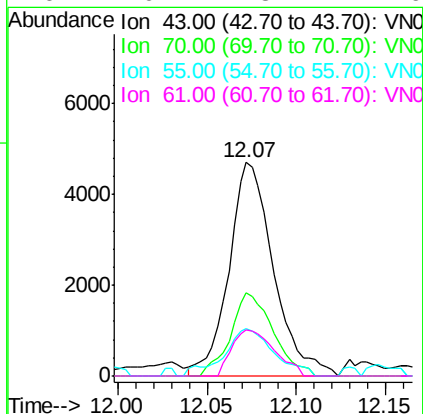
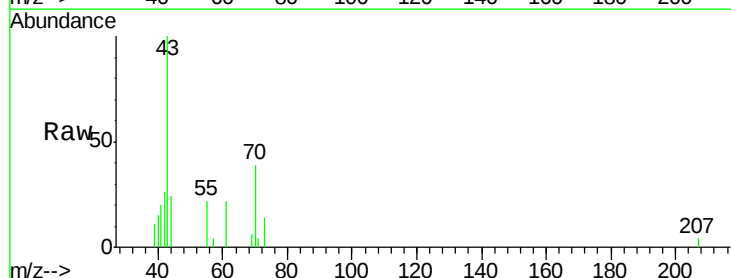
Ion Ratio Lower Upper

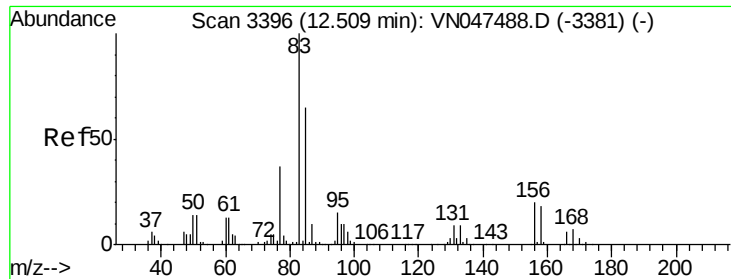
43 100

70 37.3 30.5 45.7

55 24.8 17.8 26.6

61 20.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.12 ug/l

RT: 12.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

BFB

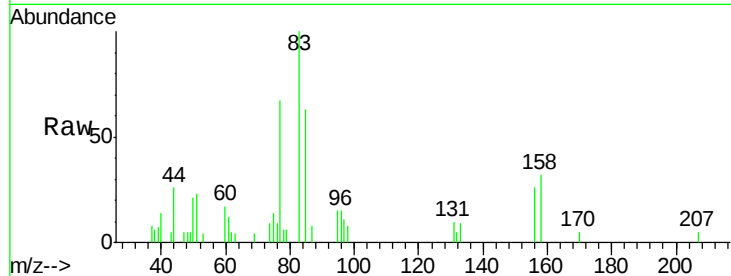
Tgt Ion: 83 Resp: 6111

Ion Ratio Lower Upper

83 100

131 8.5 4.8 14.3

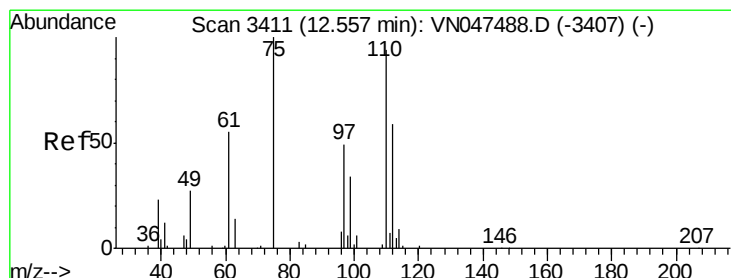
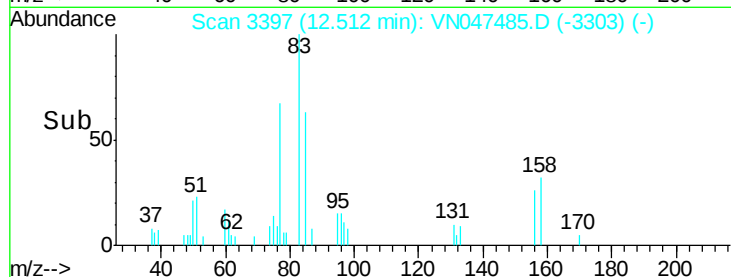
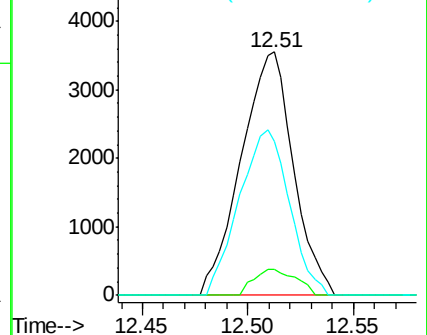
85 65.4 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN047488.D (-3381) (-)

Ion 130.80 (130.50 to 131.50): VN047488.D (-3381) (-)

Ion 84.90 (84.60 to 85.60): VN047488.D (-3381) (-)



#76

1,2,3-Trichloropropane

Concen: 1.73 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN047485.D

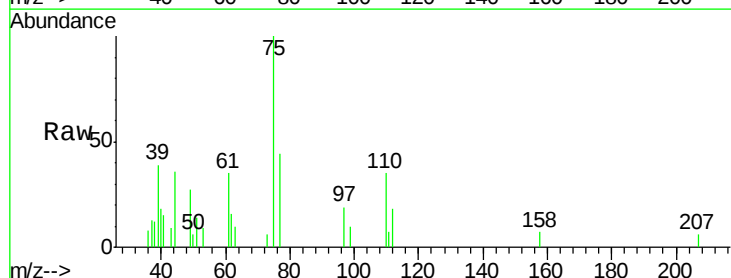
Acq: 10 Apr 2018 10:06

Tgt Ion: 75 Resp: 7384

Ion Ratio Lower Upper

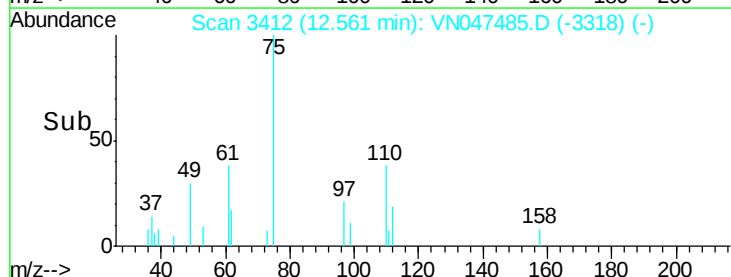
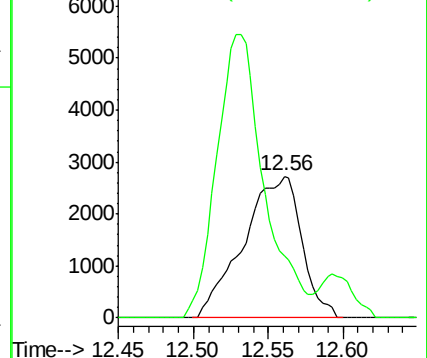
75 100

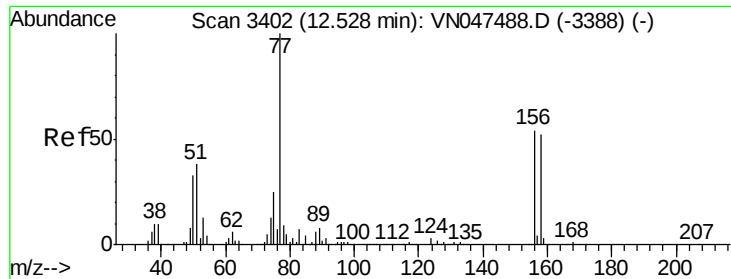
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN047488.D (-3407) (-)

Ion 77.00 (76.70 to 77.70): VN047488.D (-3407) (-)





#77

Bromobenzene

Concen: 1.10 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

BFB

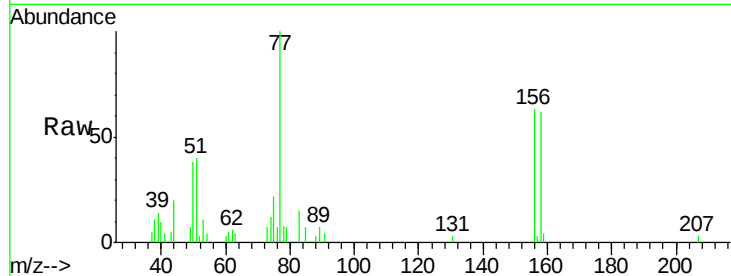
Tgt Ion:156 Resp: 5674

Ion Ratio Lower Upper

156 100

77 211.4 106.4 319.2

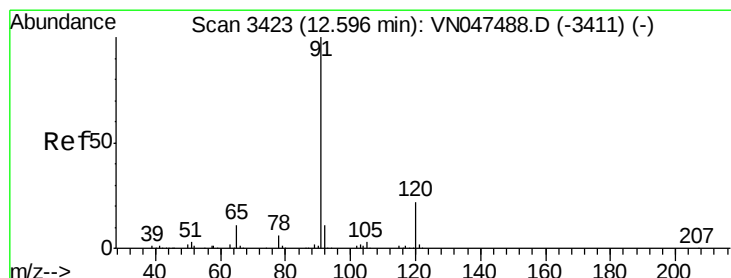
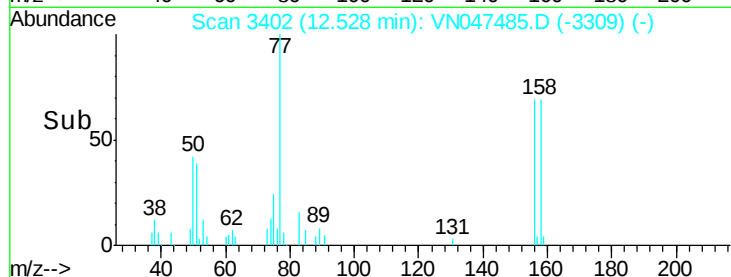
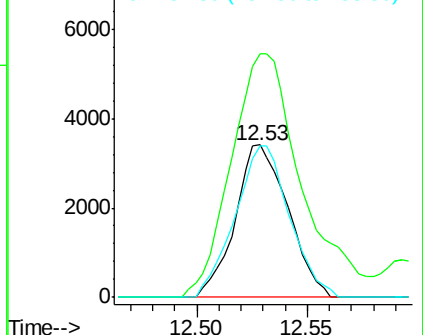
158 102.2 48.7 146.1



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: 1.10 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN047485.D

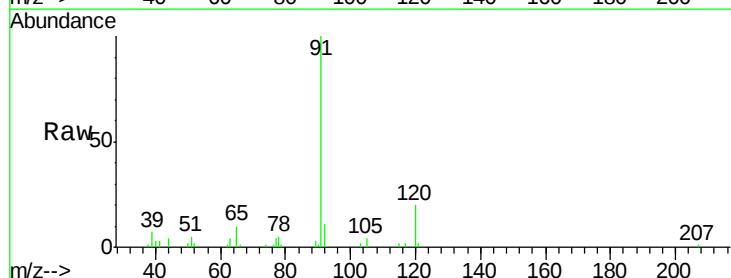
Acq: 10 Apr 2018 10:06

Tgt Ion: 91 Resp: 30380

Ion Ratio Lower Upper

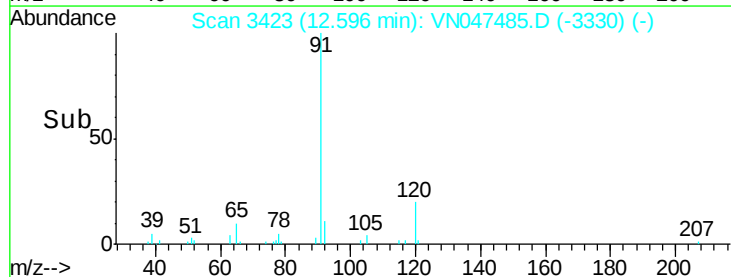
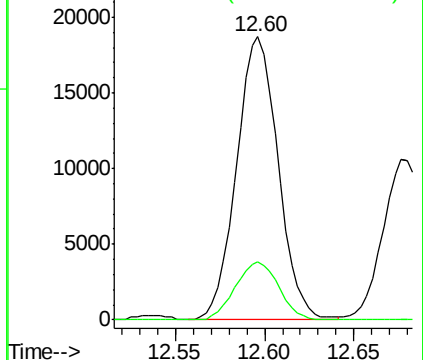
91 100

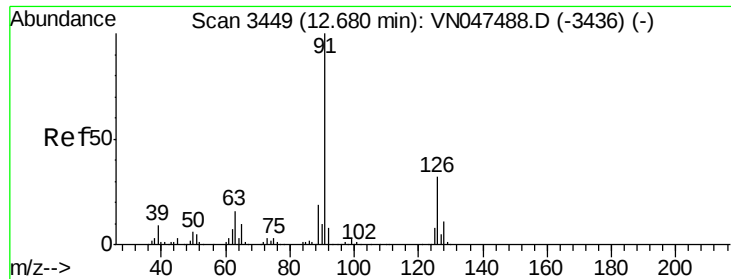
120 21.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.15 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

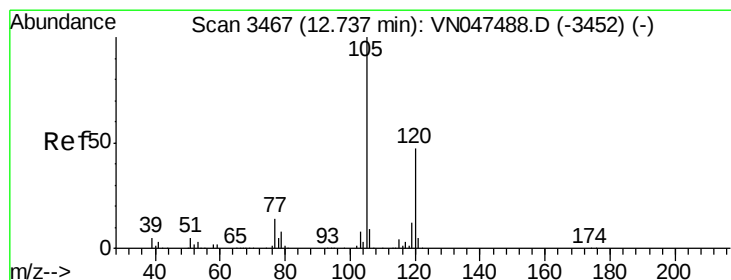
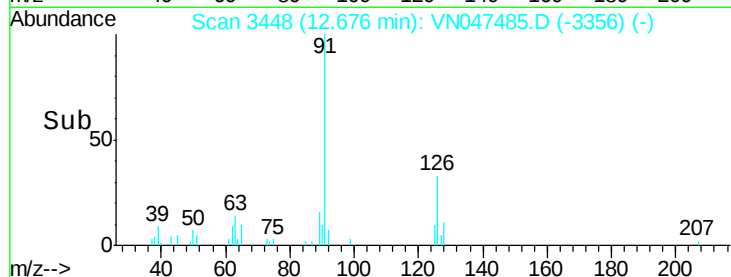
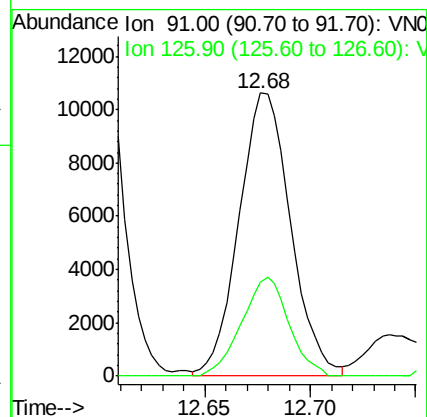
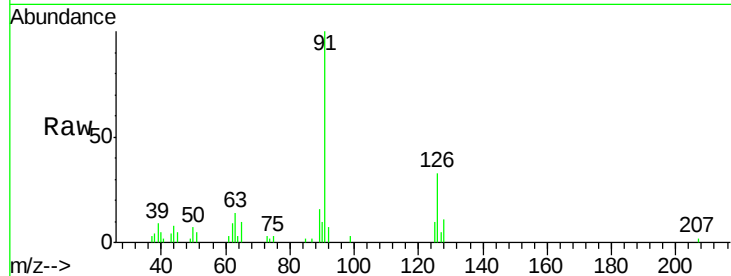
BFB

Tgt Ion: 91 Resp: 18110

Ion Ratio Lower Upper

91 100

126 31.9 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 1.08 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN047485.D

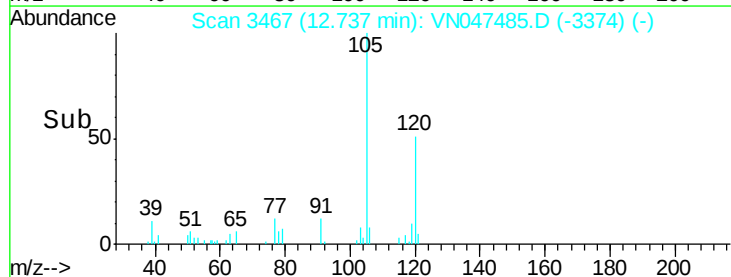
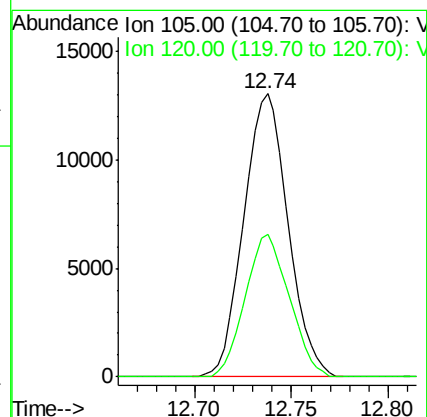
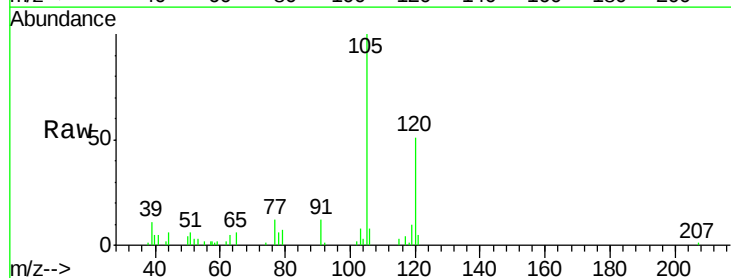
Acq: 10 Apr 2018 10:06

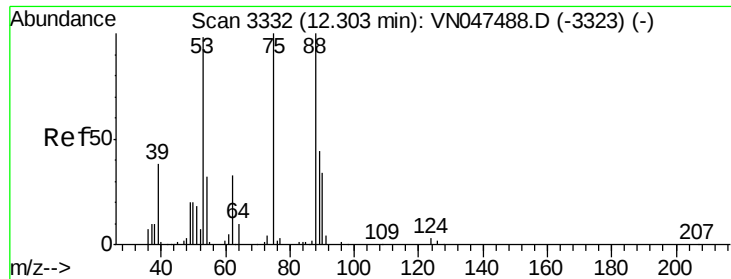
Tgt Ion: 105 Resp: 20756

Ion Ratio Lower Upper

105 100

120 49.9 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 0.87 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN047485.D

Acq: 10 Apr 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

BFB

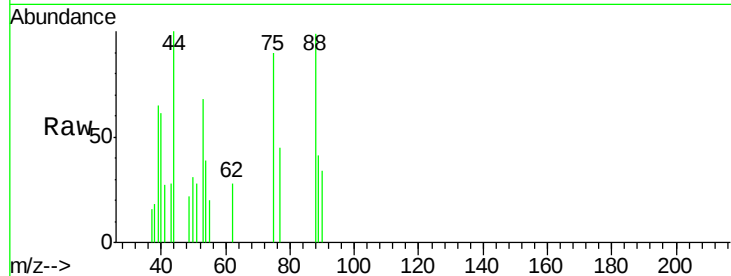
Tgt Ion: 75 Resp: 1523

Ion Ratio Lower Upper

75 100

53 89.9 78.3 117.5

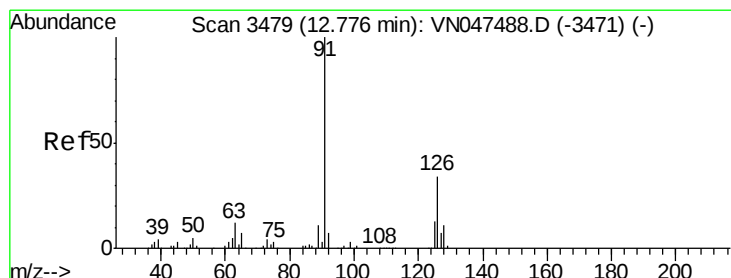
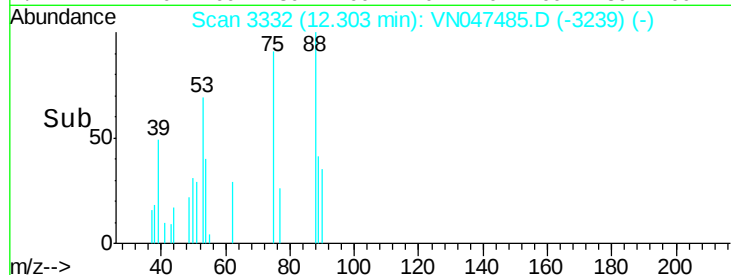
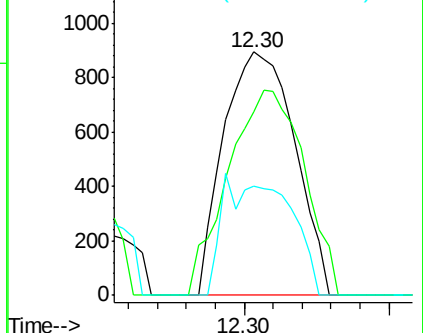
89 45.7 35.7 53.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.08 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN047485.D

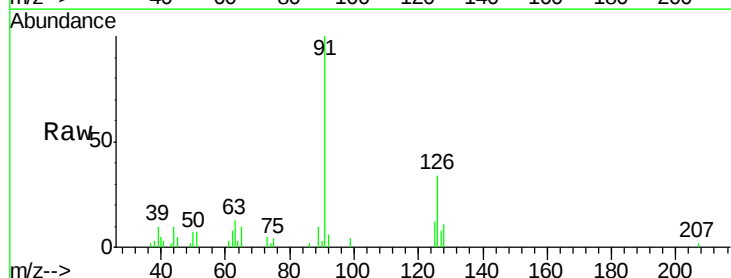
Acq: 10 Apr 2018 10:06

Tgt Ion: 91 Resp: 17672

Ion Ratio Lower Upper

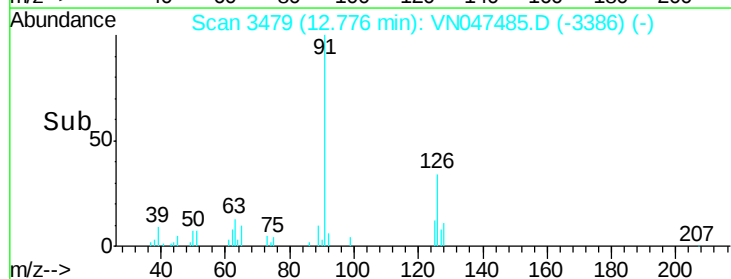
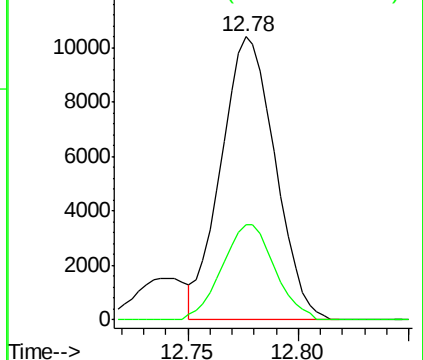
91 100

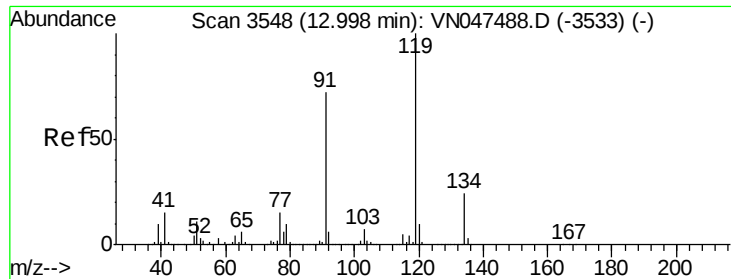
126 32.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

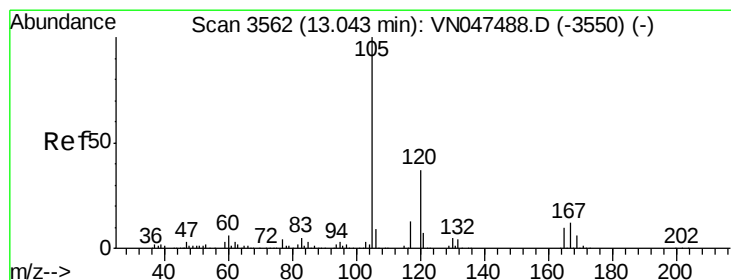
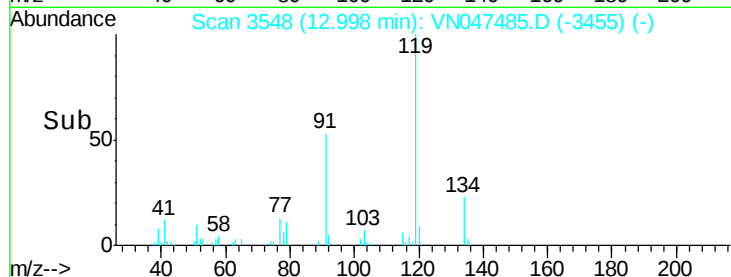
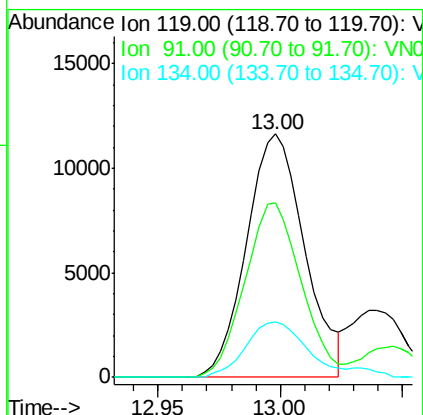
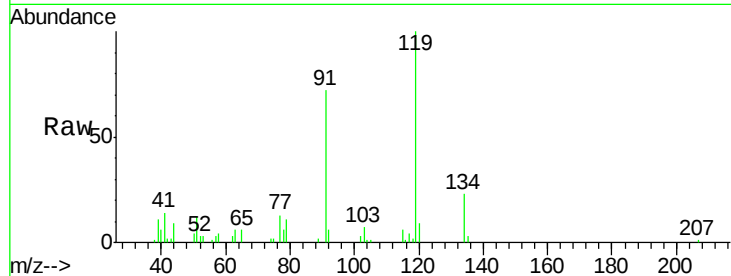




#83
 tert-Butylbenzene
 Concen: 1.19 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

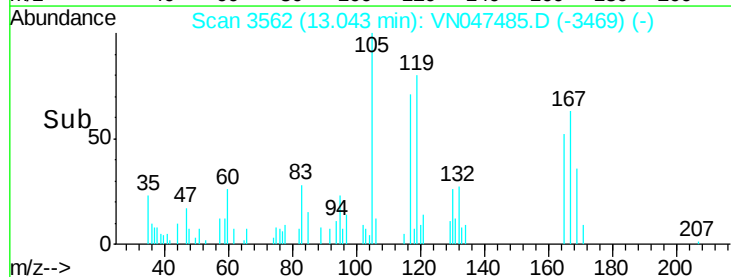
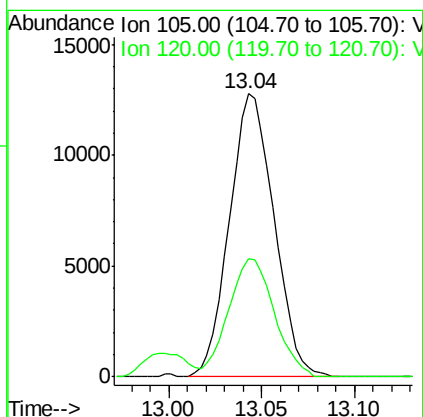
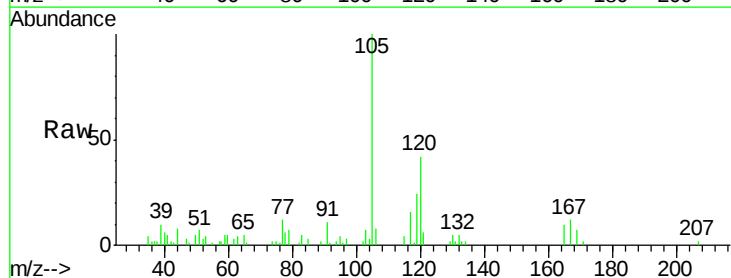
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

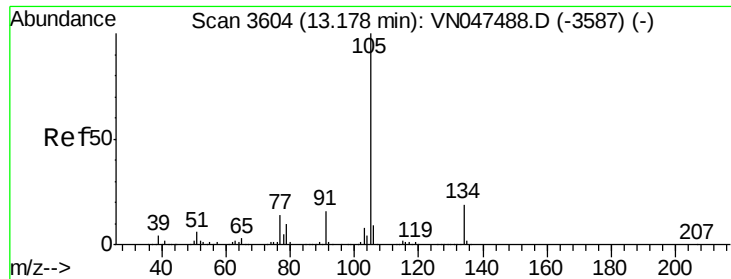
Tgt Ion:119 Resp: 19235
 Ion Ratio Lower Upper
 119 100
 91 69.8 34.9 104.7
 134 25.5 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.09 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion:105 Resp: 21359
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.1 66.1

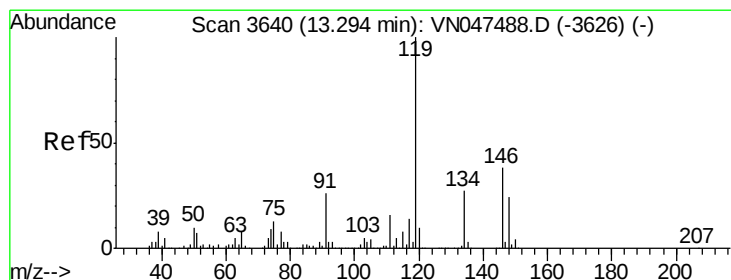
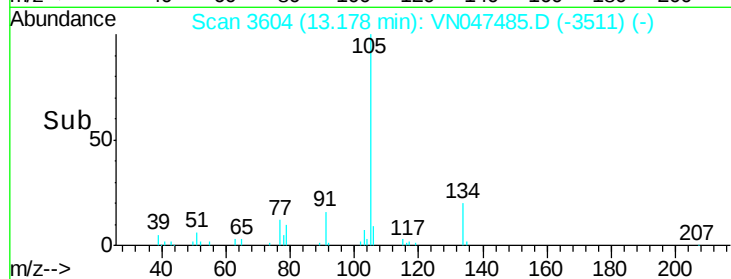
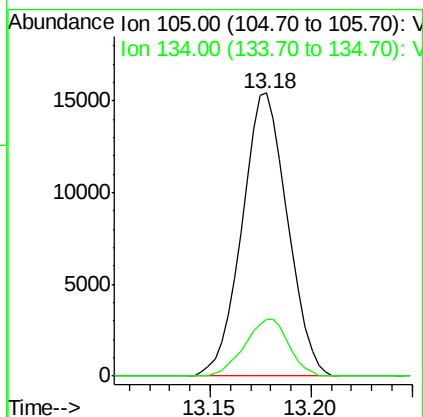
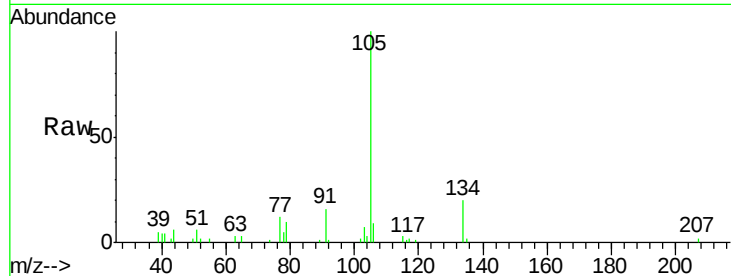




#85
 sec-Butylbenzene
 Concen: 1.06 ug/l
 RT: 13.18 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

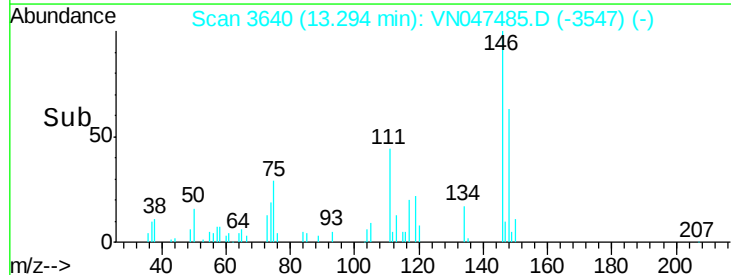
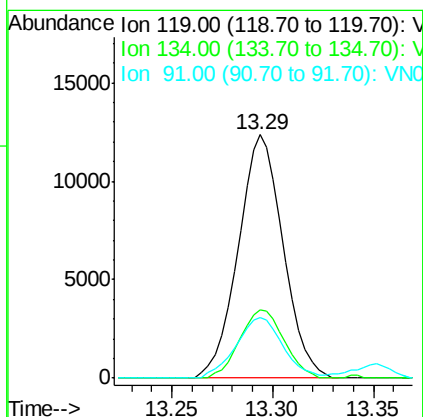
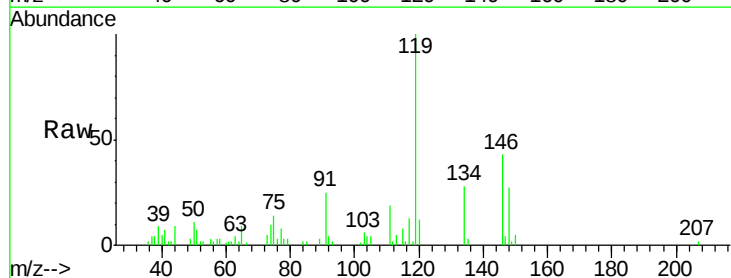
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

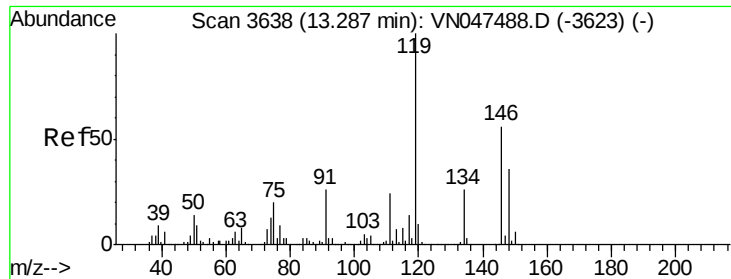
Tgt Ion:105 Resp: 24392
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 0.99 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion:119 Resp: 19201
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.2 39.5
 91 26.3 12.9 38.6

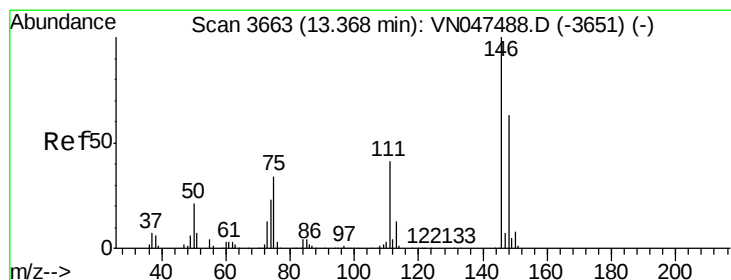
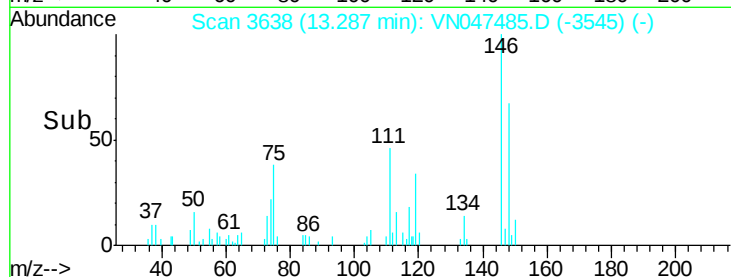
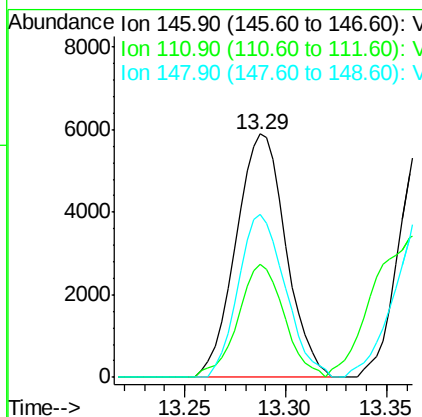
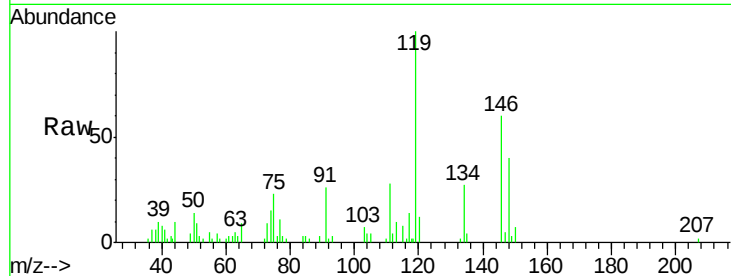




#87
 1,3-Dichlorobenzene
 Concen: 1.06 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

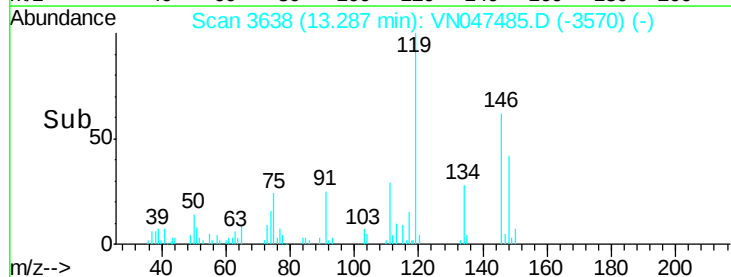
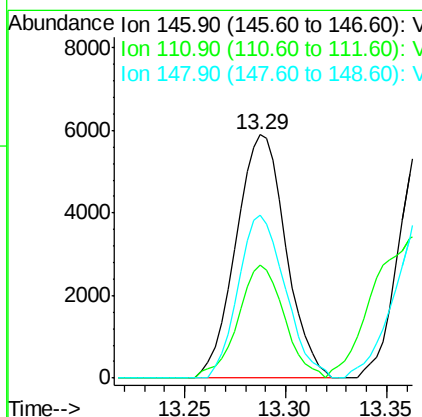
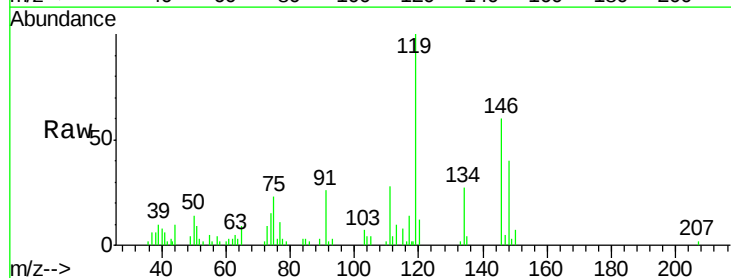
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

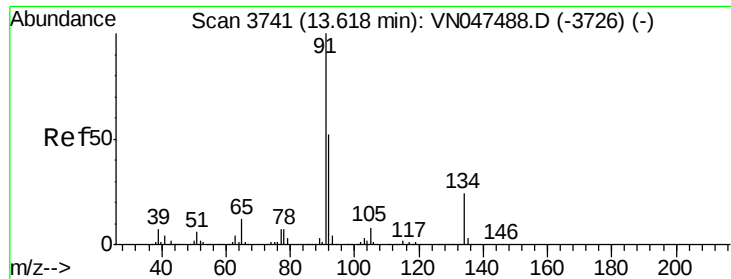
Tgt Ion:146 Resp: 10220
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.3
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 1.07 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion:146 Resp: 10220
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.5 61.6
 148 63.2 31.9 95.7

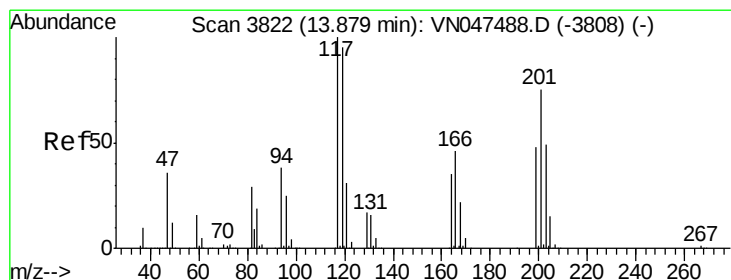
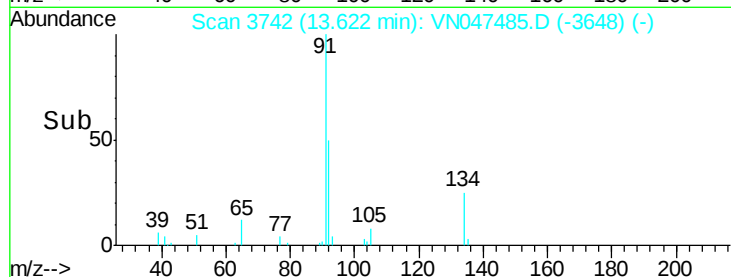
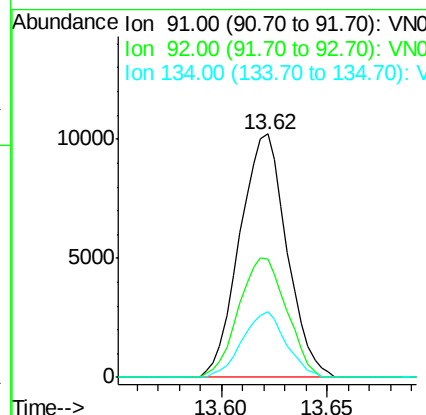
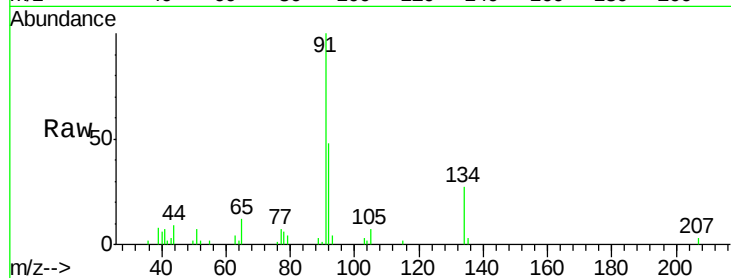




#89
n-Butylbenzene
Concen: 0.87 ug/l
RT: 13.62 min Scan# 3742
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

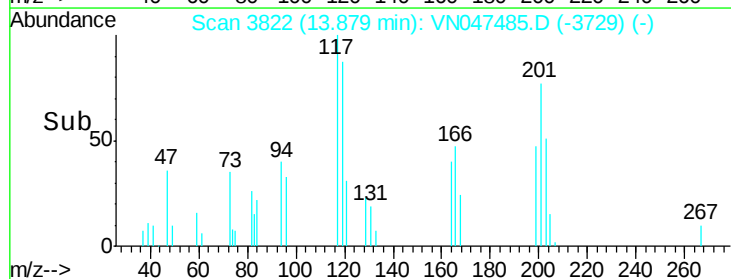
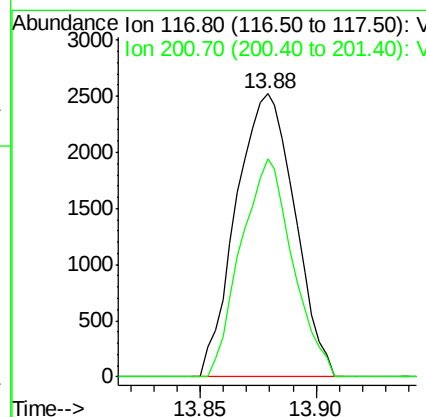
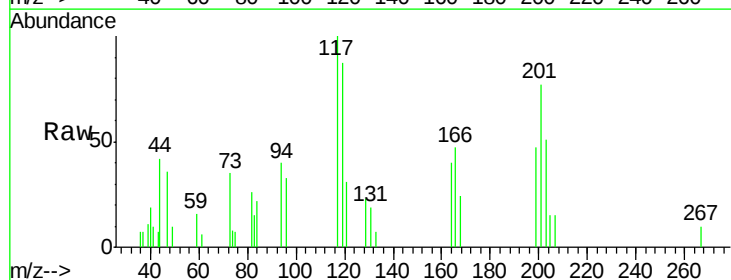
Instrument :
MSVOA_X
ClientSampled :
BFB

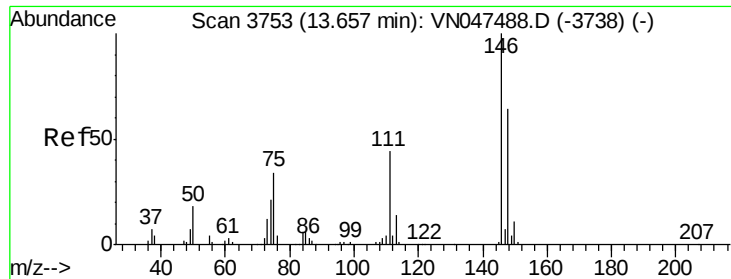
Tgt Ion: 91 Resp: 15841
Ion Ratio Lower Upper
91 100
92 49.7 26.2 78.6
134 24.9 12.0 36.0



#90
Hexachloroethane
Concen: 1.16 ug/l
RT: 13.88 min Scan# 3822
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion: 117 Resp: 4429
Ion Ratio Lower Upper
117 100
201 68.0 38.0 113.9

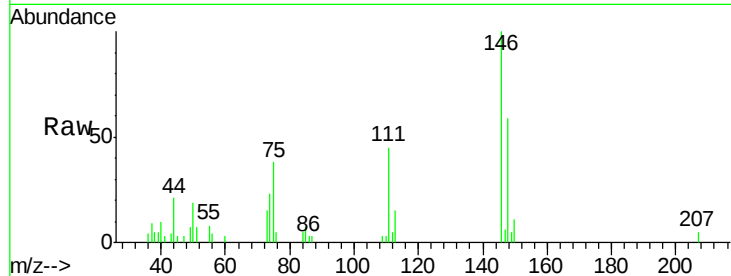




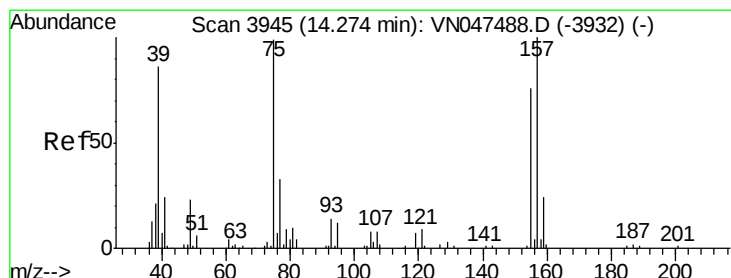
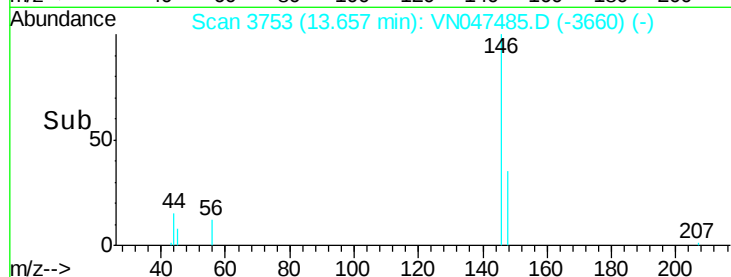
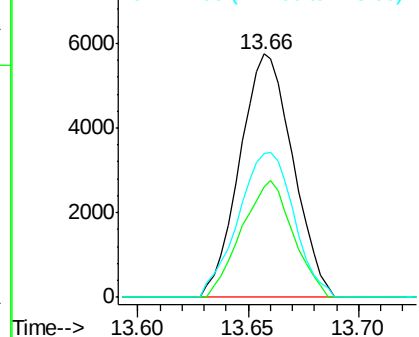
#91
 1,2-Dichlorobenzene
 Concen: 1.06 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 146 Resp: 9630
 Ion Ratio Lower Upper
 146 100
 111 46.3 21.5 64.5
 148 62.4 32.0 96.0

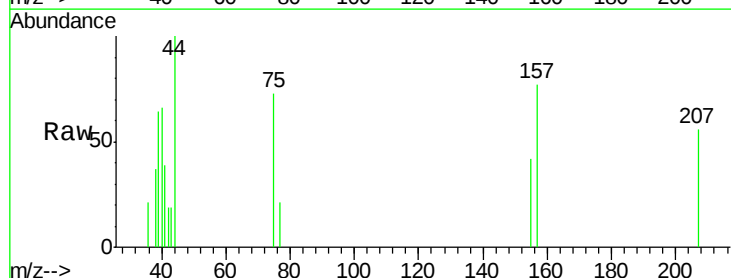


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

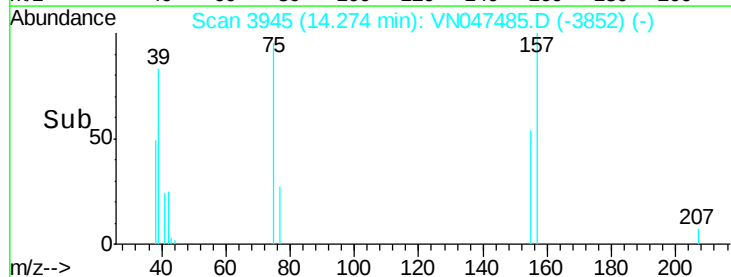
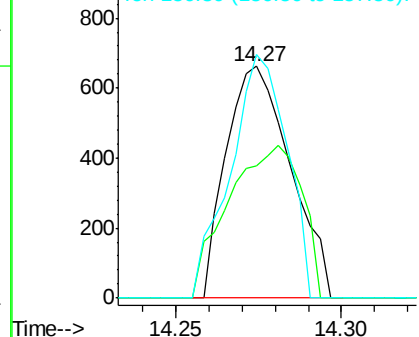


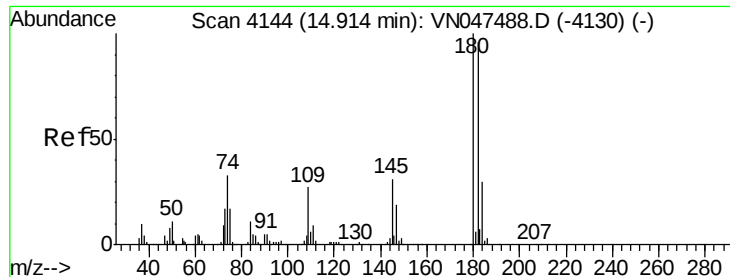
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.99 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion: 75 Resp: 896
 Ion Ratio Lower Upper
 75 100
 155 75.0 37.8 113.4
 157 92.1 49.6 148.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

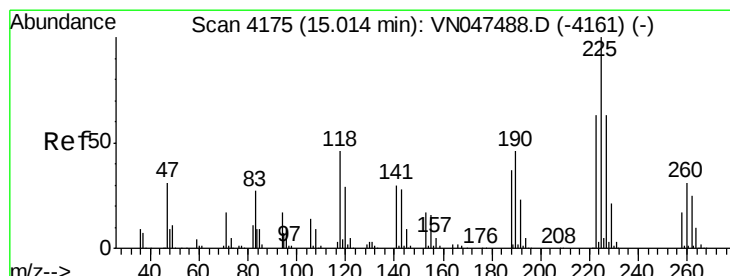
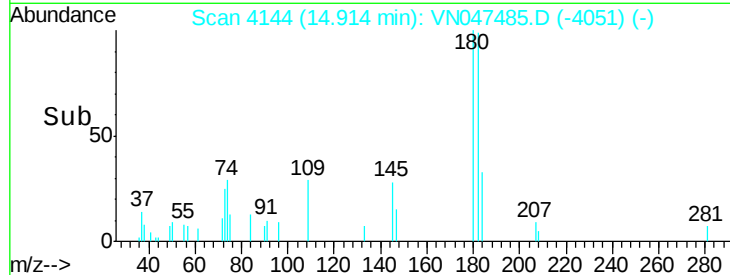
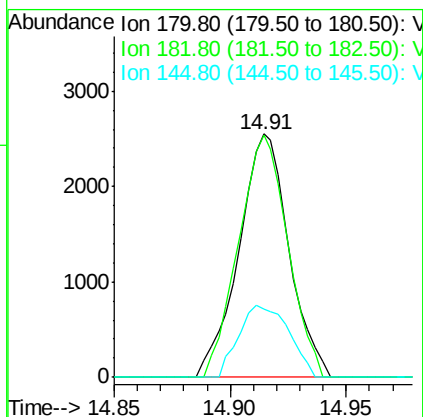
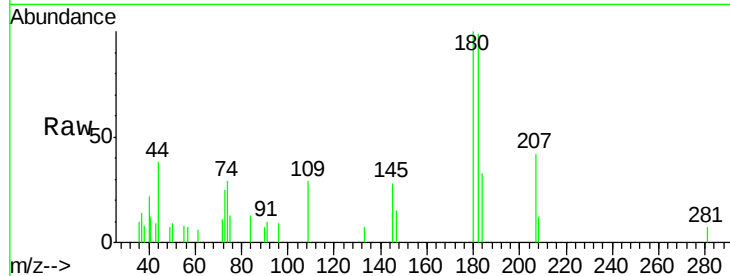




#93
 1,2,4-Trichlorobenzene
 Concen: 0.76 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

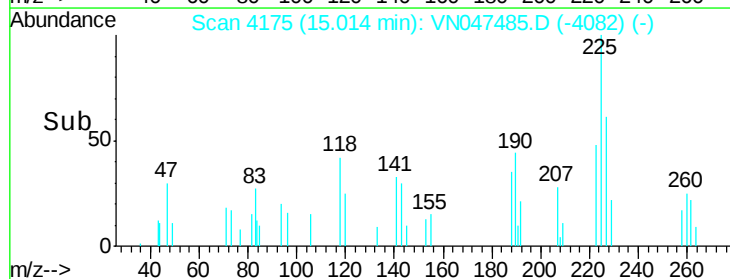
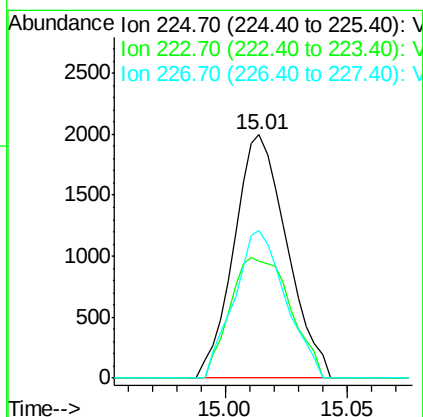
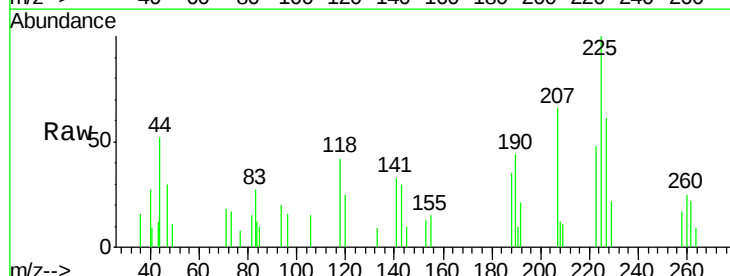
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

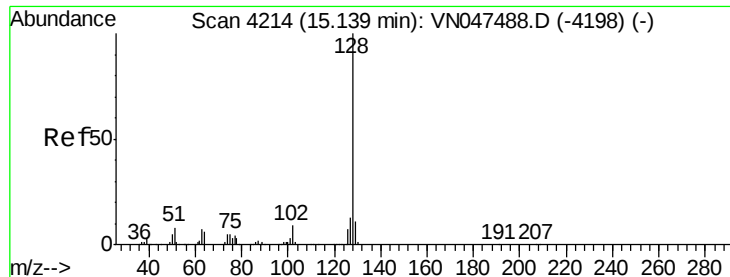
Tgt Ion:180 Resp: 3826
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.0 144.0
 145 29.6 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 1.17 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN047485.D
 Acq: 10 Apr 2018 10:06

Tgt Ion:225 Resp: 3001
 Ion Ratio Lower Upper
 225 100
 223 56.7 31.8 95.3
 227 58.8 31.8 95.3

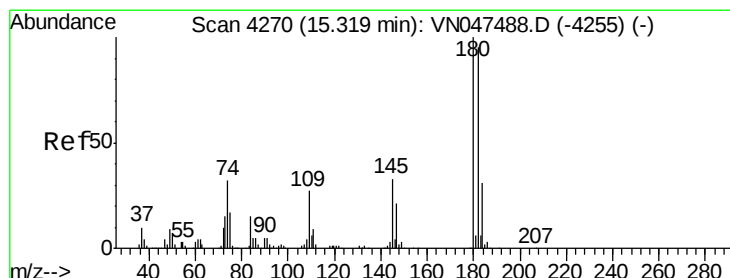
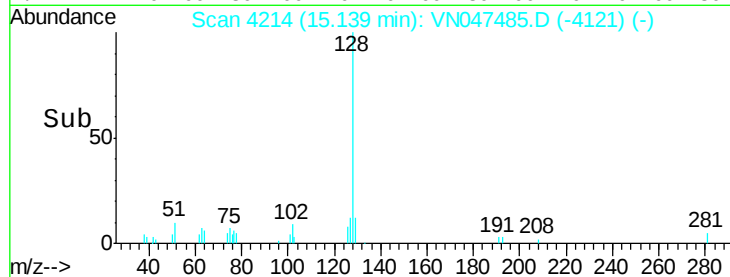
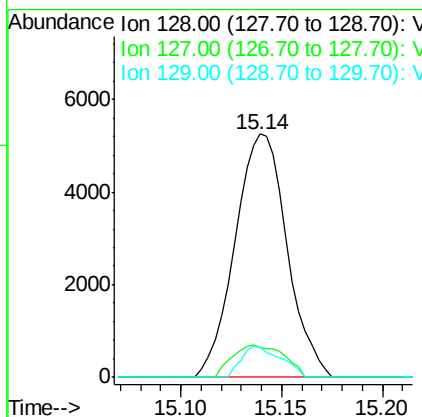
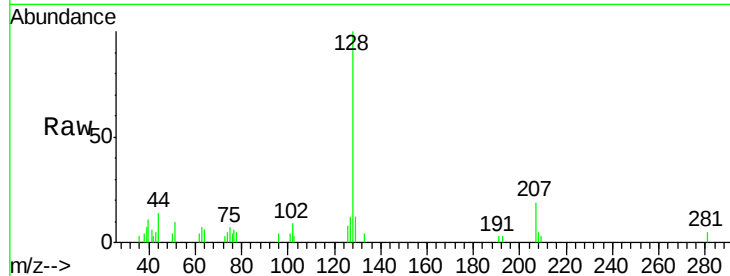




#95
Naphthalene
Concen: 0.84 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 9464
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 9.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.85 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN047485.D
Acq: 10 Apr 2018 10:06

Tgt Ion:180 Resp: 3963
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.3
145 33.1 16.4 49.1

