

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049670.D
 Acq On : 2 Jul 2018 15:35
 Operator : MD\SY
 Sample : J3798-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-6

Quant Time: Jul 03 03:47:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1442322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2276234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1892163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	699739	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	962672	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	842654	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	10.09	98	3072468	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.40	95	873950	38.43	ug/l	0.00
Spiked Amount			Recovery	=	76.86%	

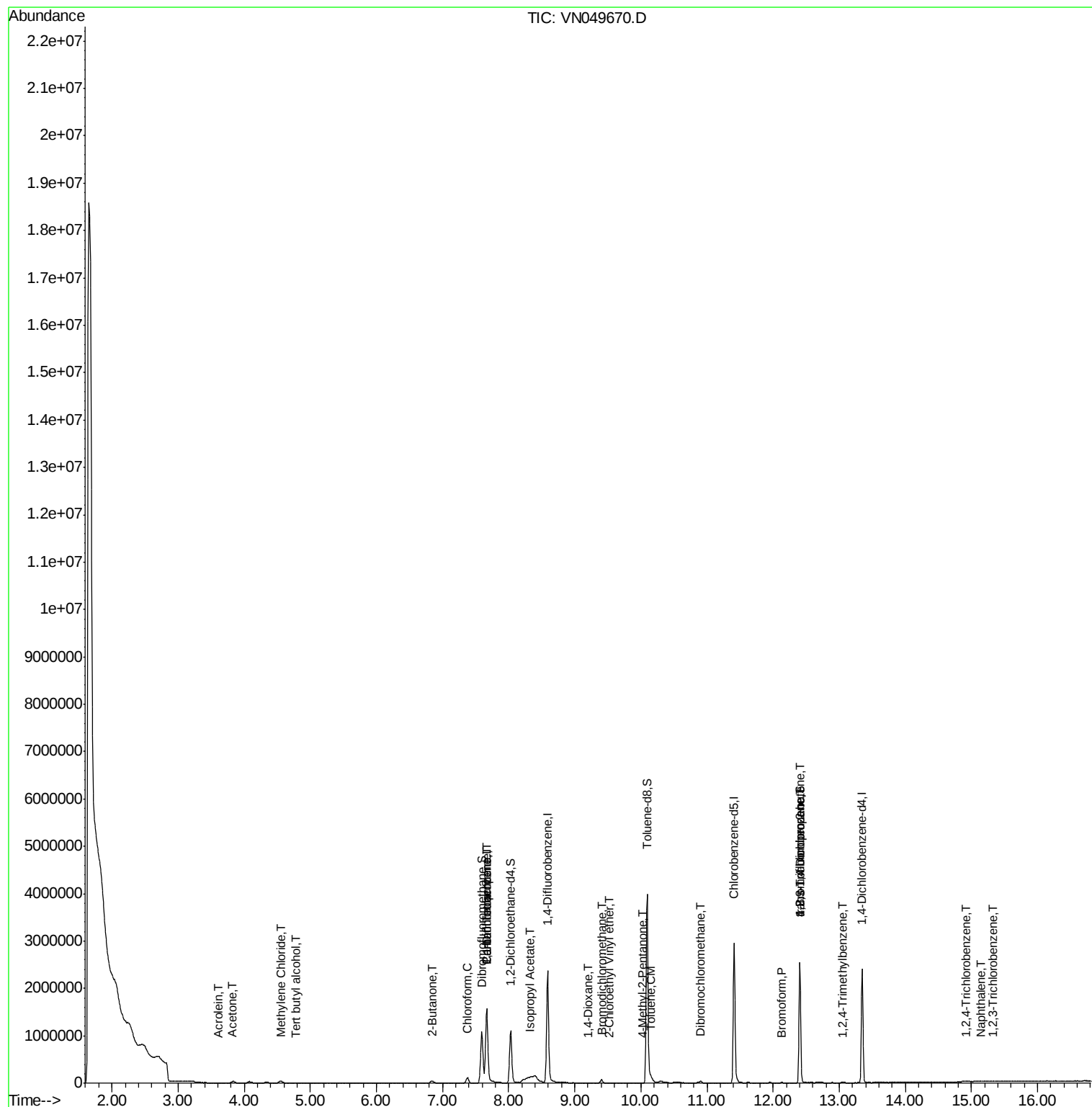
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	1135	1.04	ug/l #	80
13) Acrolein	3.60	56	1575	1.54	ug/l #	78
16) Acetone	3.82	43	54978	6.59	ug/l	98
17) Carbon Disulfide	4.04	76	4057	Below Cal	#	94
18) Methyl Acetate	4.33	43	38212	Below Cal		97
20) Methylene Chloride	4.55	84	24538	1.25	ug/l	96
25) 2-Butanone	6.84	43	5306	0.84	ug/l #	78
30) Chloroform	7.37	83	119683	3.54	ug/l	98
36) 1,1-Dichloropropene	7.67	75	96056	3.75	ug/l #	49
38) Carbon Tetrachloride	7.67	117	123882	4.97	ug/l #	17
43) Isopropyl Acetate	8.31	43	220444	6.93	ug/l #	62
47) Bromodichloromethane	9.41	83	47346	1.82	ug/l	99
49) 1,4-Dioxane	9.20	88	164	0.92	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	4204	0.29	ug/l #	35
52) Toluene	10.16	92	23583	0.50	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.52	63	29	10.82	ug/l #	48
60) Dibromochloromethane	10.90	129	19825	1.04	ug/l	99
71) Bromoform	12.13	173	2543	0.22	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.50	83	118	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	428544	38.19	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	428544	129.70	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	9715	0.20	ug/l	89
87) 1,3-Dichlorobenzene	13.29	146	947	Below Cal		91
88) 1,4-Dichlorobenzene	13.29	146	947	Below Cal		91
91) 1,2-Dichlorobenzene	13.66	146	696	Below Cal	#	64
92) 1,2-Dibromo-3-Chloropropan	14.26	75	65	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	414	2.43	ug/l #	68
94) Hexachlorobutadiene	15.02	225	107	Below Cal	#	1
95) Naphthalene	15.14	128	2393	4.12	ug/l	97
96) 1,2,3-Trichlorobenzene	15.33	180	408	1.68	ug/l	80

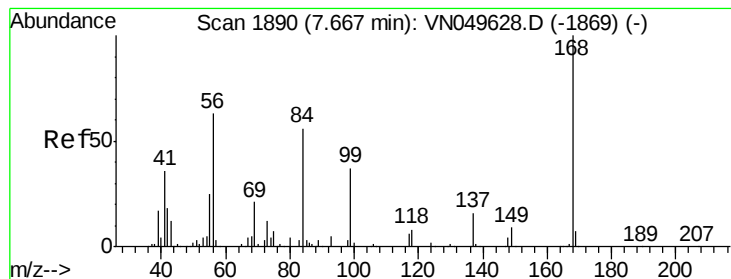
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

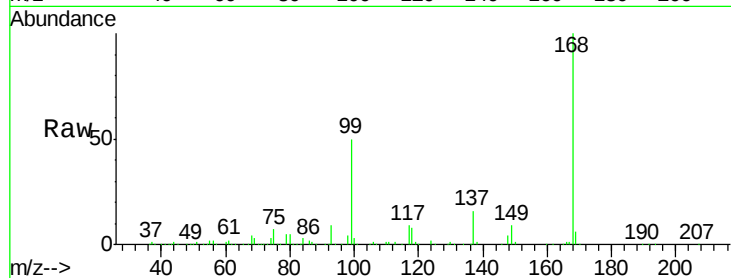
DRUM-1-6

Tot Ion:168 Resp: 1442322

Ion Ratio Lower Upper

168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

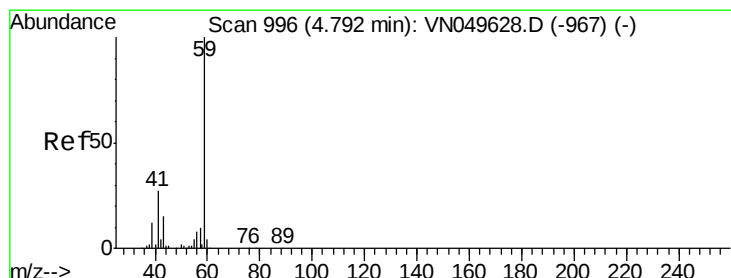
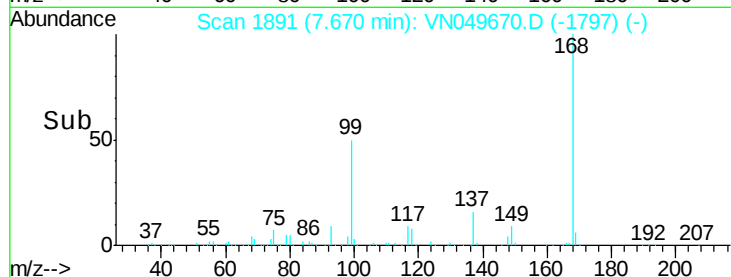
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 1.04 ug/l

RT: 4.78 min Scan# 993

Delta R.T. -0.01 min

Lab File: VN049670.D

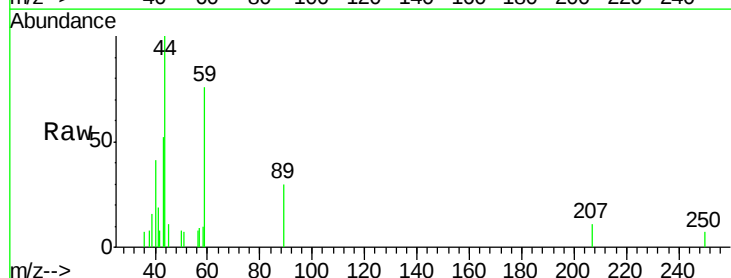
Acq: 2 Jul 2018 15:35

Tgt Ion: 59 Resp: 1135

Ion Ratio Lower Upper

59 100

57 18.2 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.78

2000

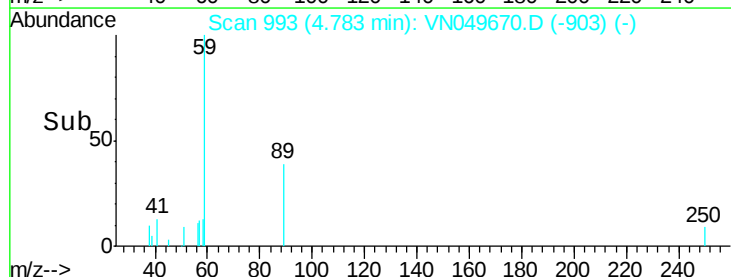
1500

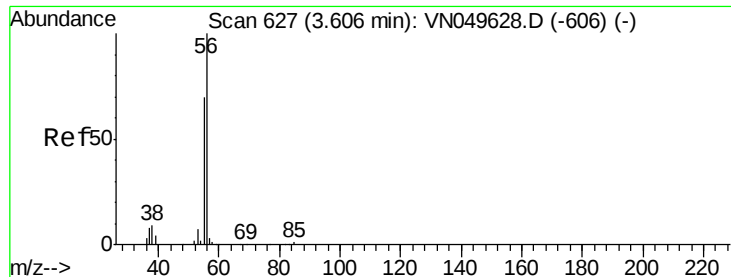
1000

500

0

Time--> 4.76 4.77 4.78 4.79





#13

Acrolein

Concen: 1.54 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

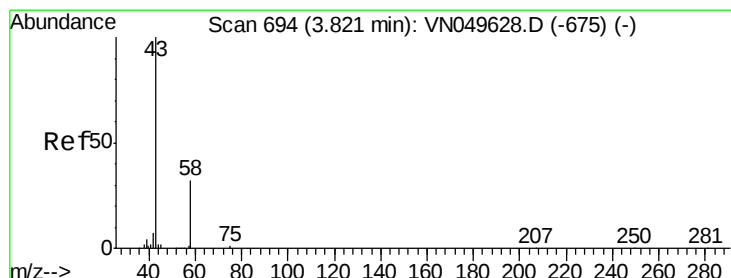
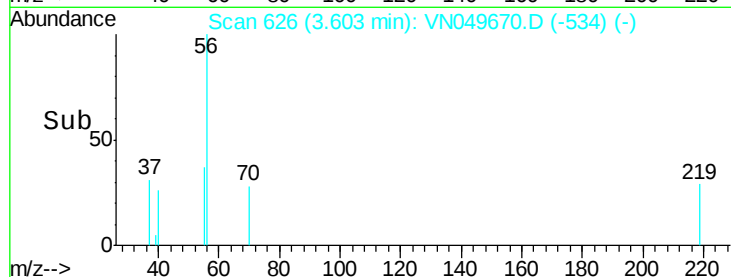
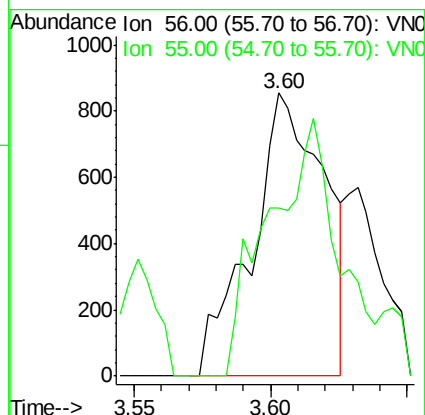
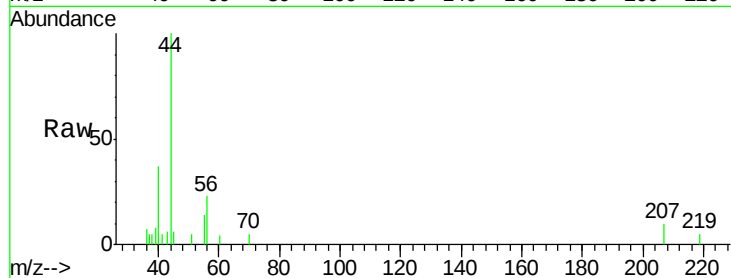
DRUM-1-6

Tot Ion: 56 Resp: 1575

Ion Ratio Lower Upper

56 100

55 87.9 55.8 83.8#



#16

Acetone

Concen: 6.59 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049670.D

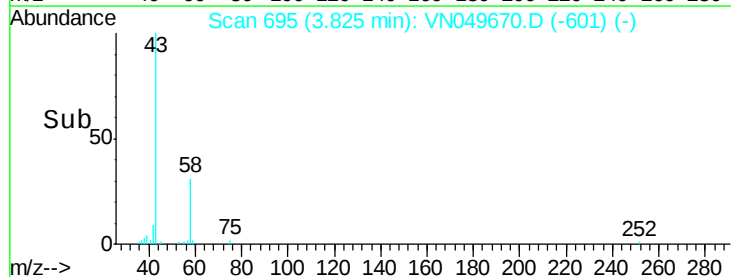
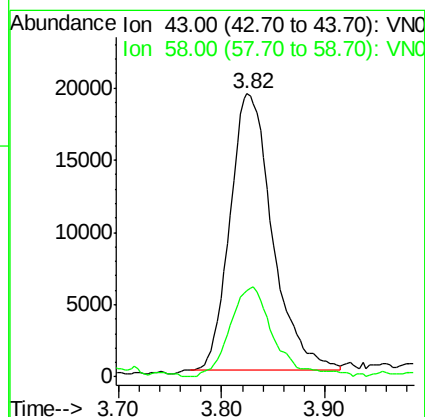
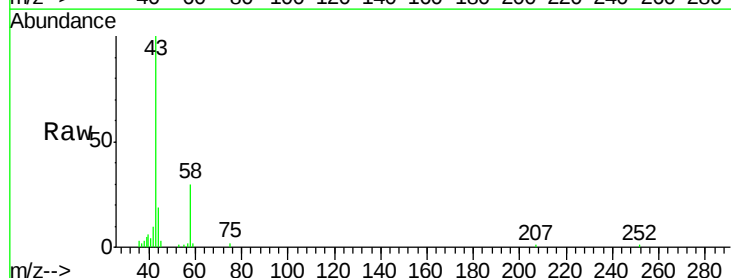
Acq: 2 Jul 2018 15:35

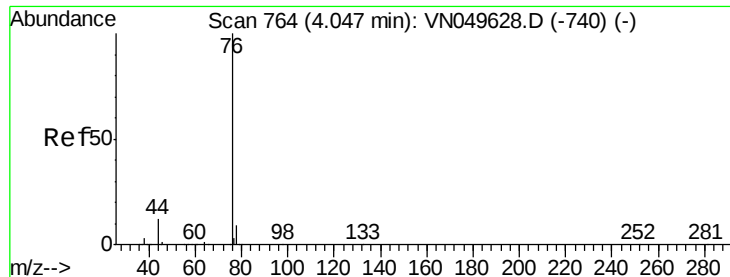
Tgt Ion: 43 Resp: 54978

Ion Ratio Lower Upper

43 100

58 31.0 25.9 38.9





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.04 min Scan# 762

Delta R.T. -0.01 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

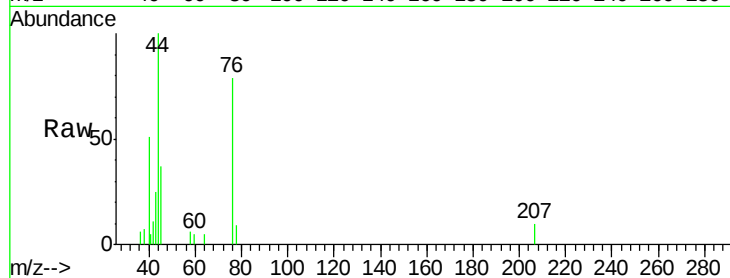
DRUM-1-6

Tot Ion: 76 Resp: 4057

Ion Ratio Lower Upper

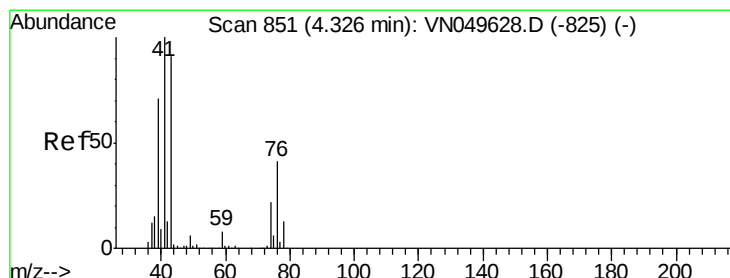
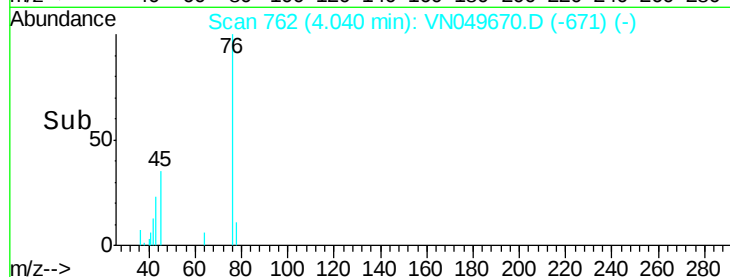
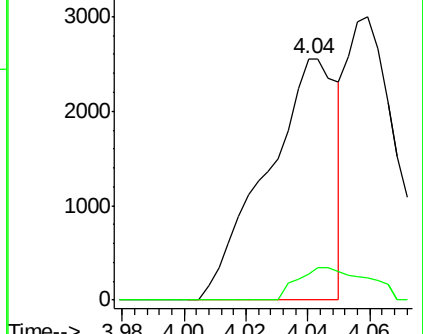
76 100

78 10.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-740) (-)



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049670.D

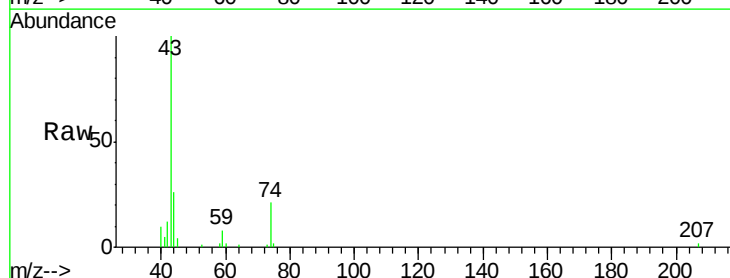
Acq: 2 Jul 2018 15:35

Tgt Ion: 43 Resp: 38212

Ion Ratio Lower Upper

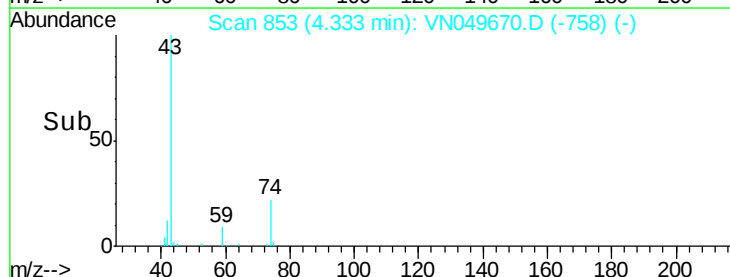
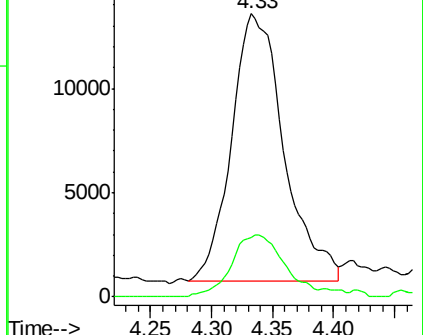
43 100

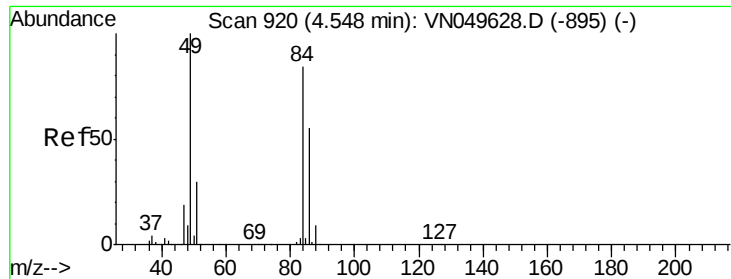
74 23.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-825) (-)

Ion 74.00 (73.70 to 74.70): VN049628.D (-825) (-)

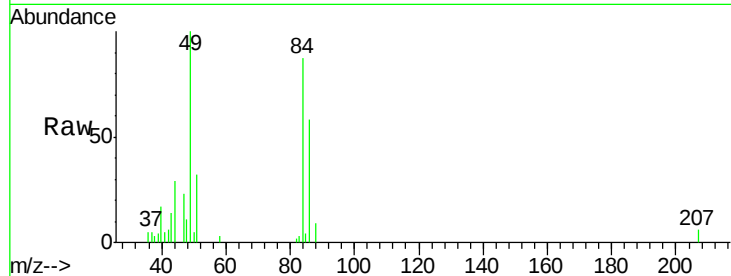




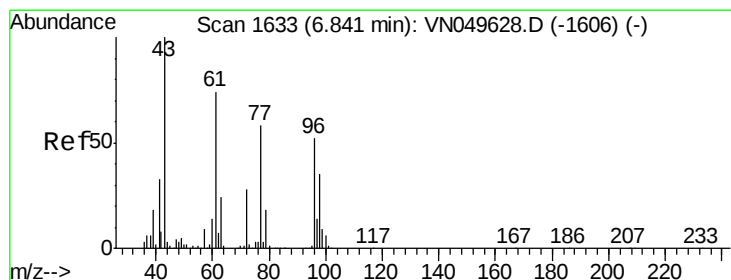
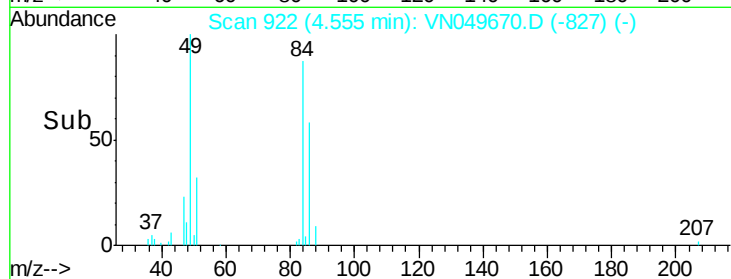
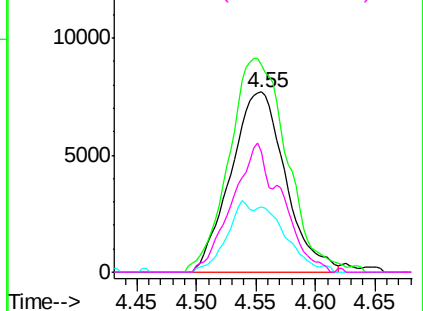
#20
Methvlene Chloride
Concen: 1.25 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Instrument :
MSVOA_N
ClientSampled :
DRUM-1-6

Tot Ion: 84 Resp: 24538
Ion Ratio Lower Upper
84 100
49 111.7 95.4 143.2
51 36.5 28.4 42.6
86 66.5 52.6 79.0

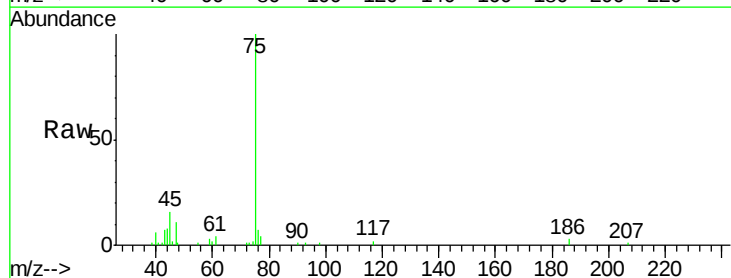


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

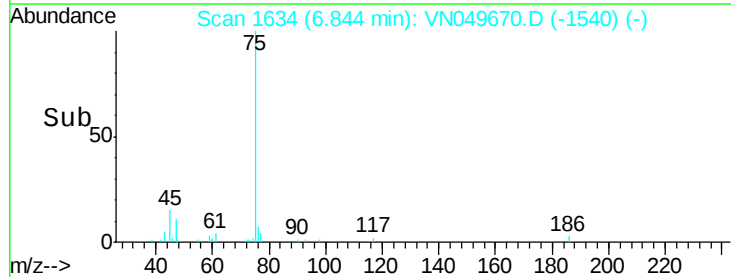
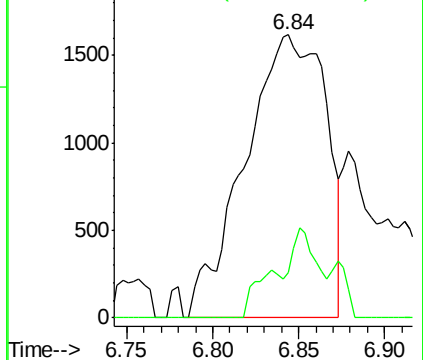


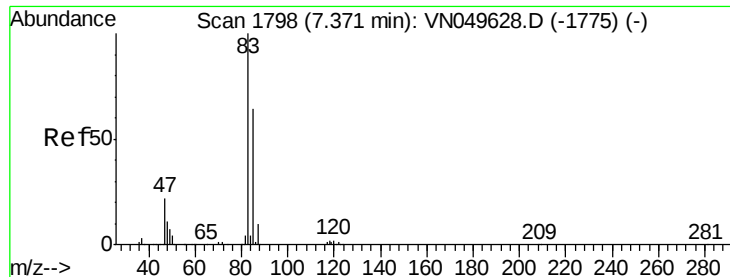
#25
2-Butanone
Concen: 0.84 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Tgt Ion: 43 Resp: 5306
Ion Ratio Lower Upper
43 100
72 15.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

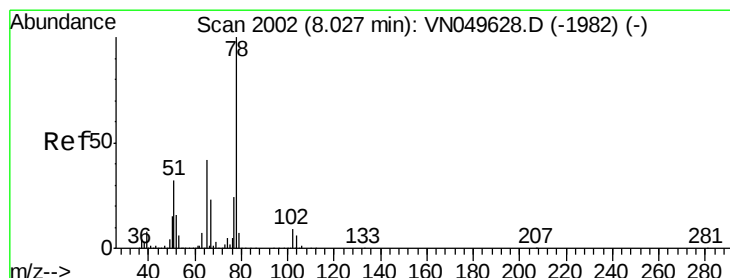
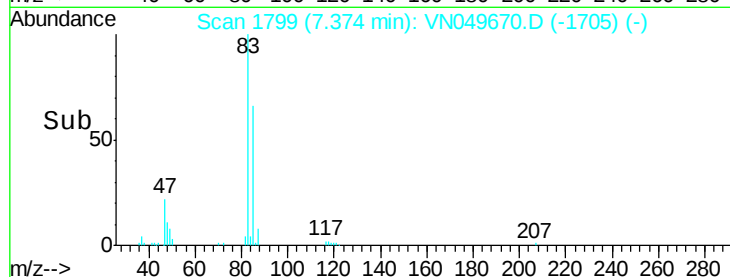
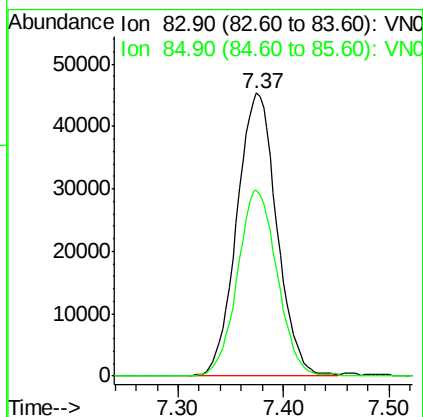
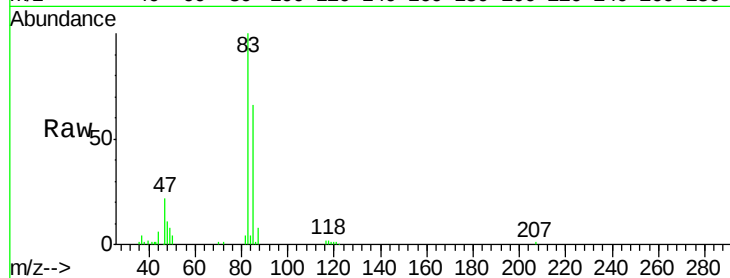




#30
Chloroform
Concen: 3.54 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

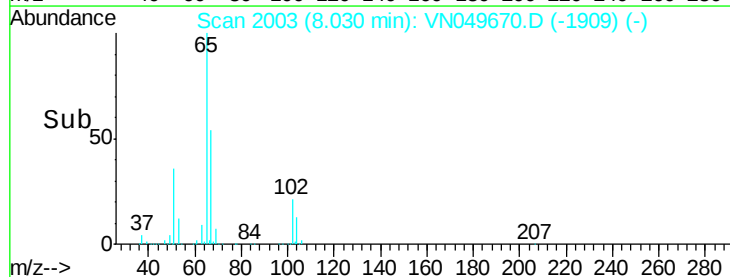
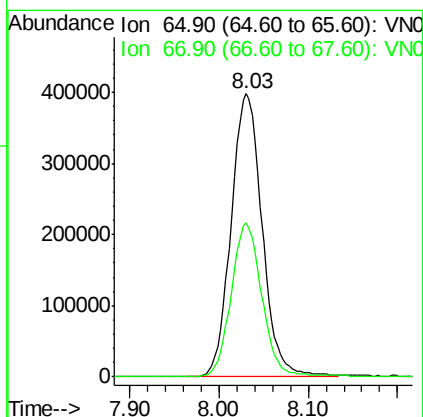
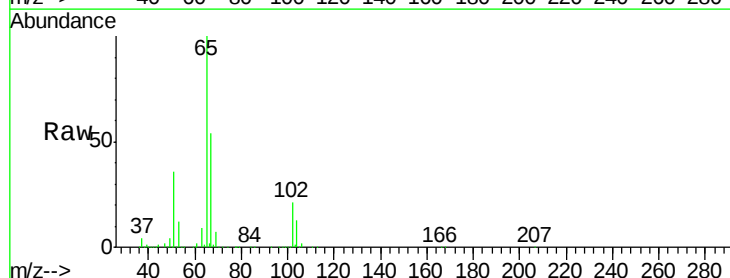
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-6

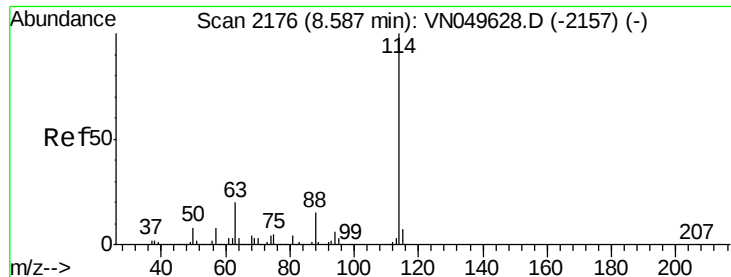
Tot Ion: 83 Resp: 119683
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.54 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Tgt Ion: 65 Resp: 962672
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2

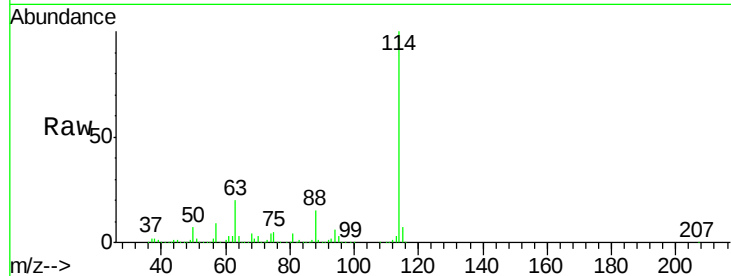




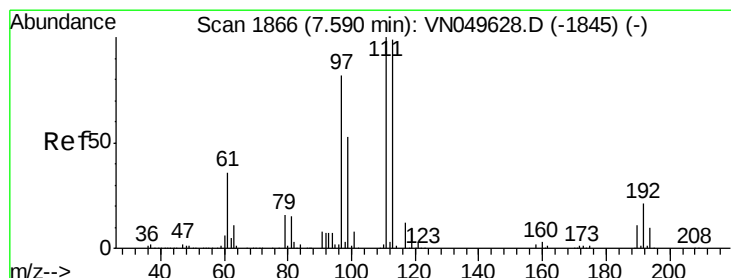
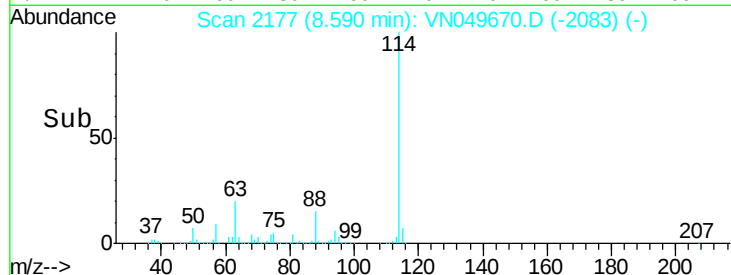
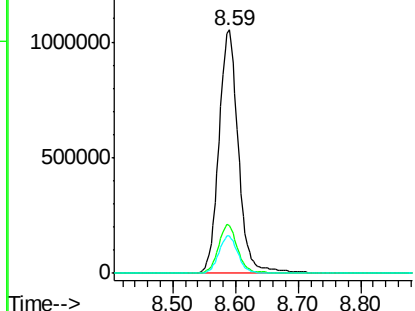
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Instrument :
MSVOA_N
ClientSampled :
DRUM-1-6

Tot Ion:114 Resp: 2276234
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.8
88 15.2 0.0 30.6

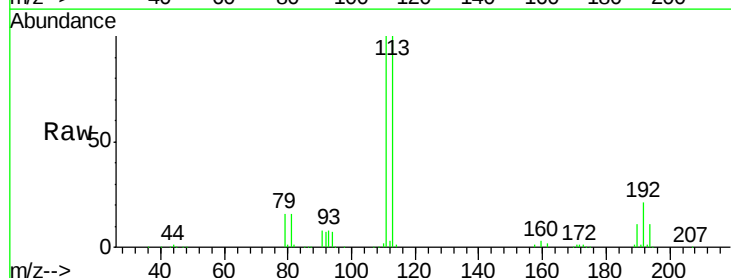


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

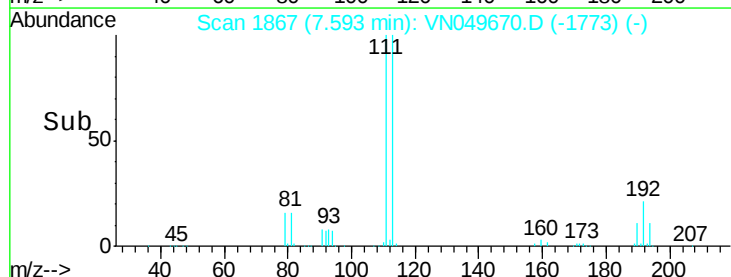
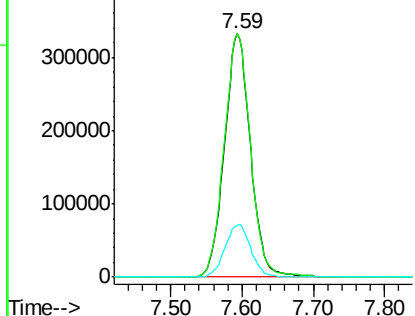


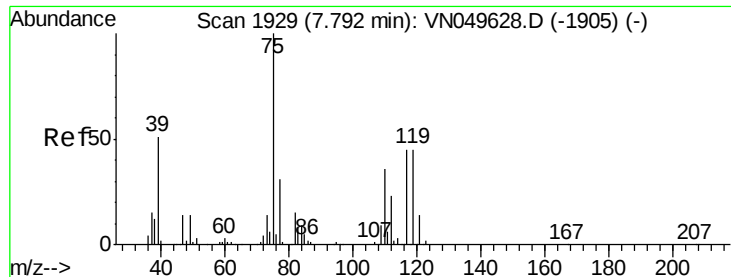
#35
Dibromofluoromethane
Concen: 49.52 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Tgt Ion:113 Resp: 842654
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.8
192 21.7 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

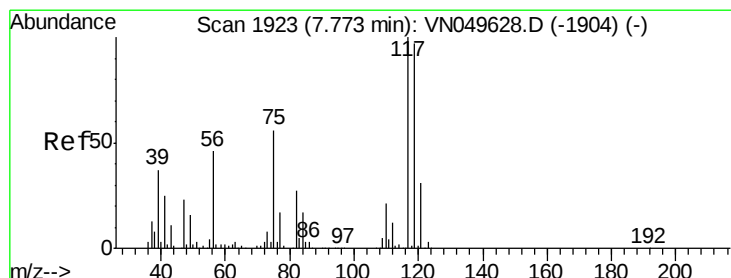
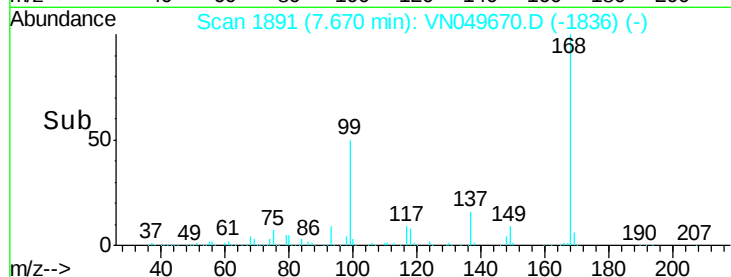
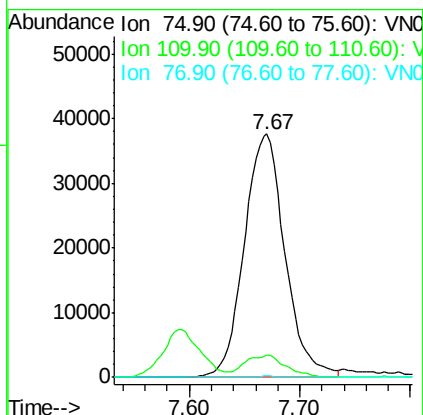
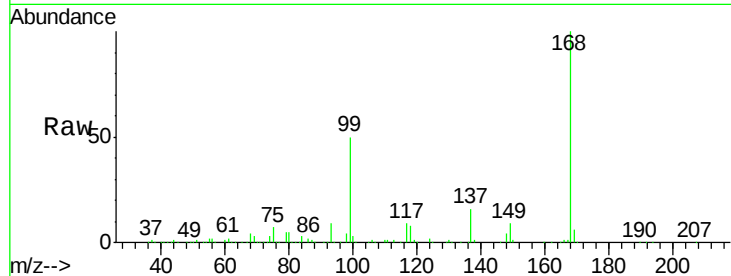




#36
 1,1-Dichloropropene
 Concen: 3.75 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

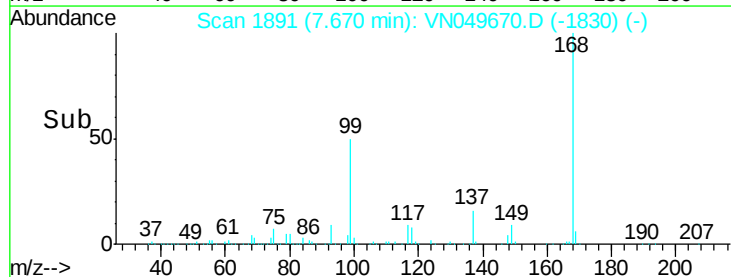
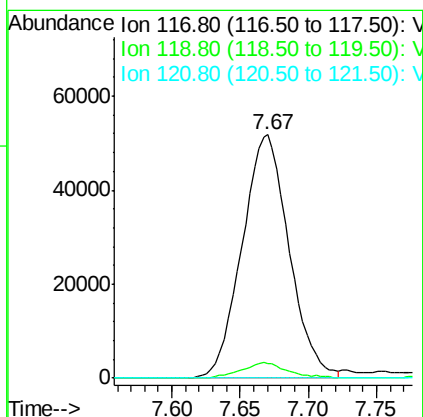
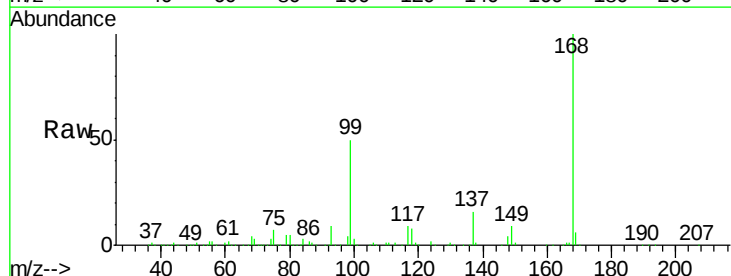
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1-6

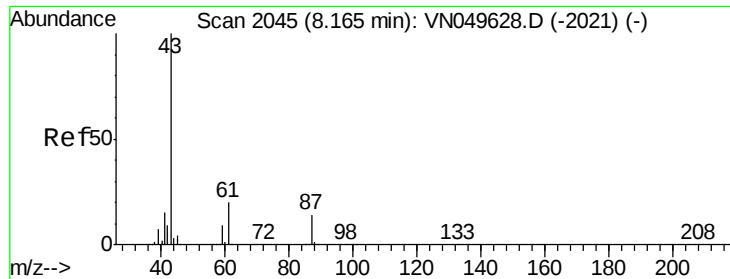
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.97 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.2	115.8#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 6.93 ug/l

RT: 8.31 min Scan# 2091

Delta R.T. 0.15 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-6

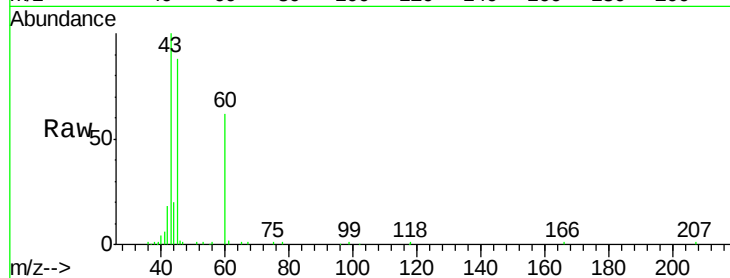
Tot Ion: 43 Resp: 220444

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

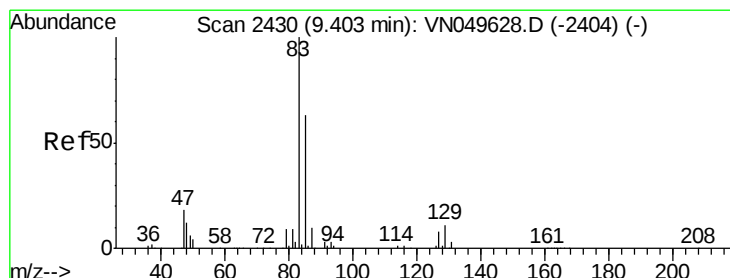
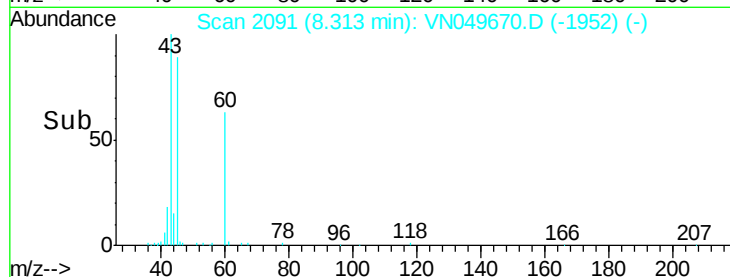
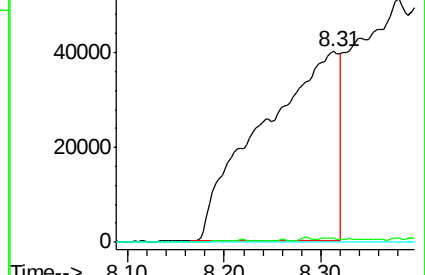
87 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049670.D (-2091) (-)

Ion 61.00 (60.70 to 61.70): VN049670.D (-2091) (-)

Ion 87.00 (86.70 to 87.70): VN049670.D (-2091) (-)



#47

Bromodichloromethane

Concen: 1.82 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

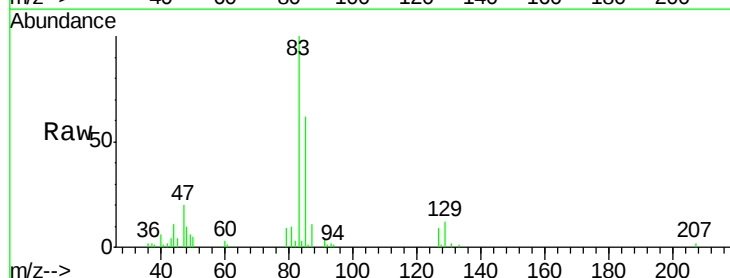
Tgt Ion: 83 Resp: 47346

Ion Ratio Lower Upper

83 100

85 62.2 50.5 75.7

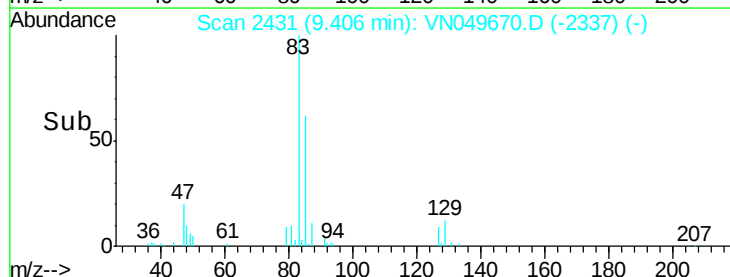
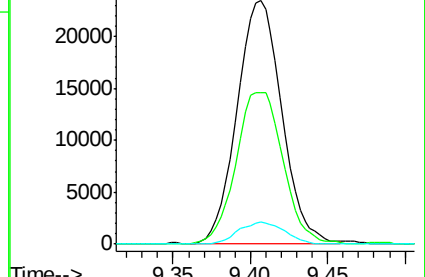
127 9.0 6.8 10.2

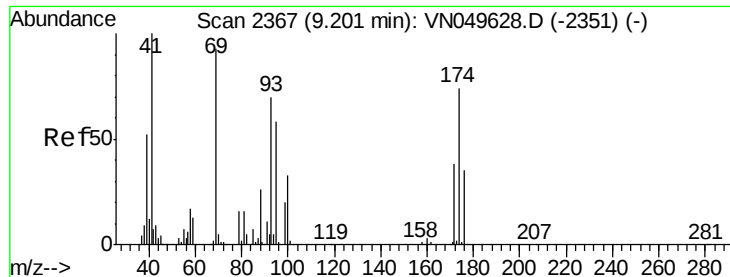


Abundance Ion 82.90 (82.60 to 83.60): VN049670.D (-2430) (-)

Ion 84.90 (84.60 to 85.60): VN049670.D (-2430) (-)

Ion 126.80 (126.50 to 127.50): VN049670.D (-2430) (-)





#49

1,4-Dioxane

Concen: 0.92 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-6

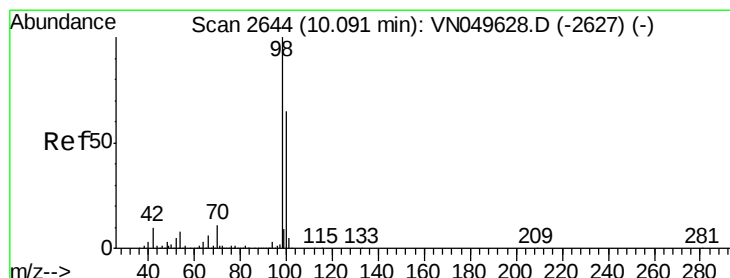
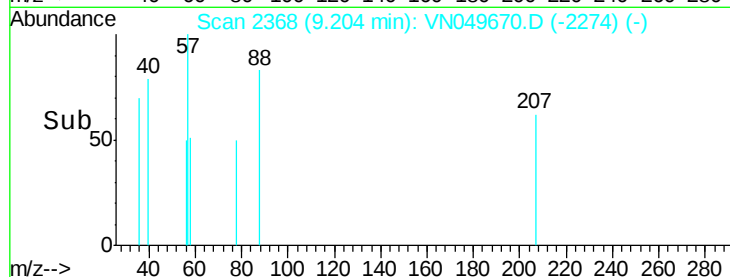
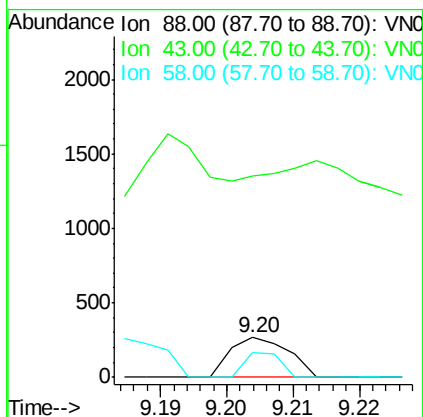
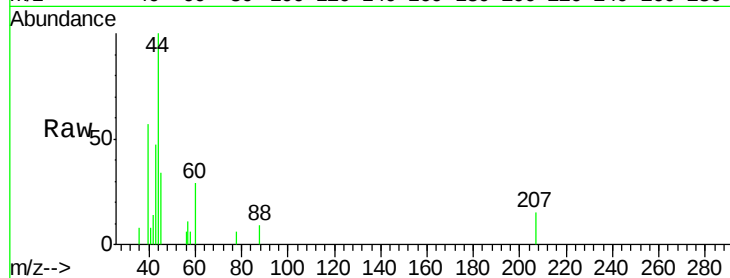
Tot Ion: 88 Resp: 164

Ion Ratio Lower Upper

88 100

43 163.4 25.1 37.7#

58 37.2 52.5 78.7#



#50

Toluene-d8

Concen: 46.13 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049670.D

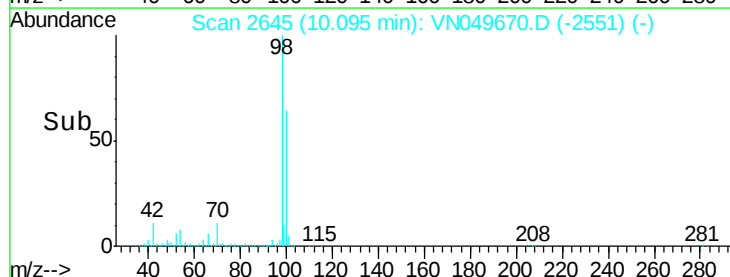
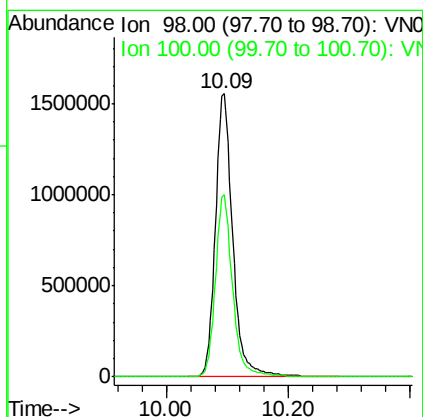
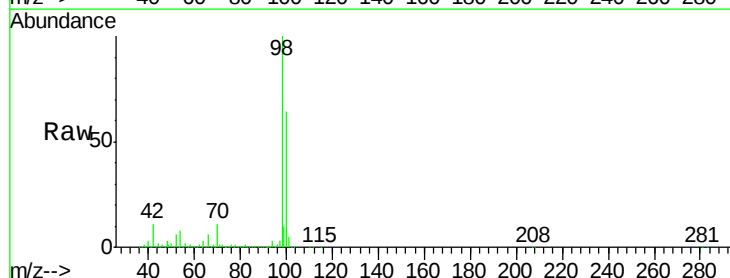
Acq: 2 Jul 2018 15:35

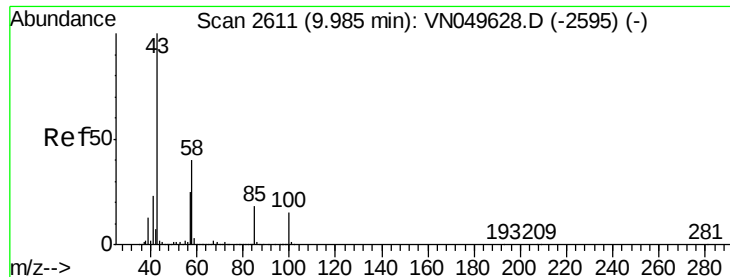
Tgt Ion: 98 Resp: 3072468

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5

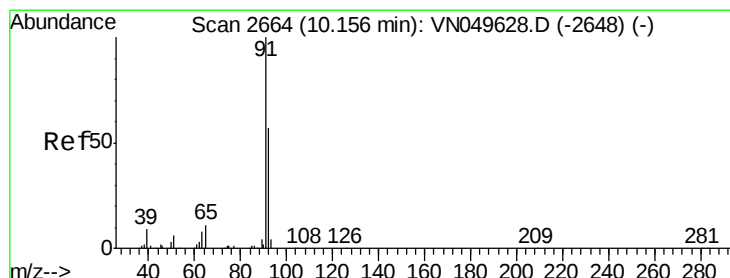
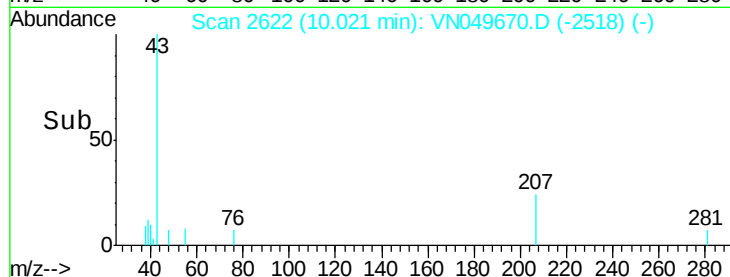
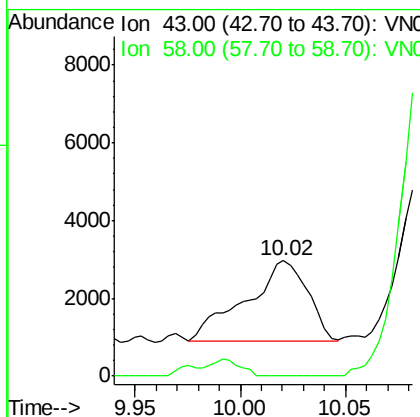
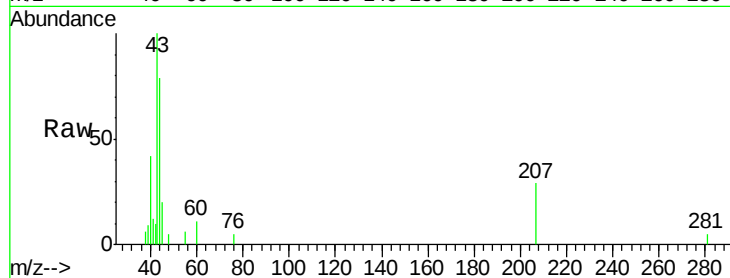




#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 10.02 min Scan# 2622
Delta R.T. 0.04 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

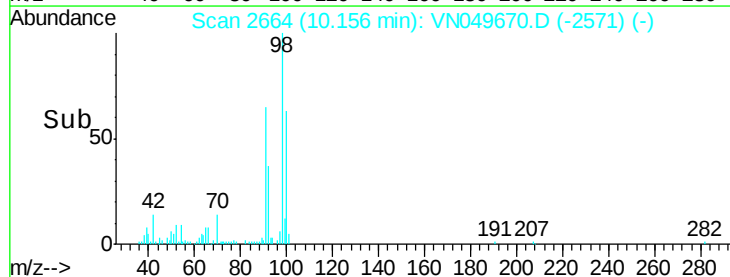
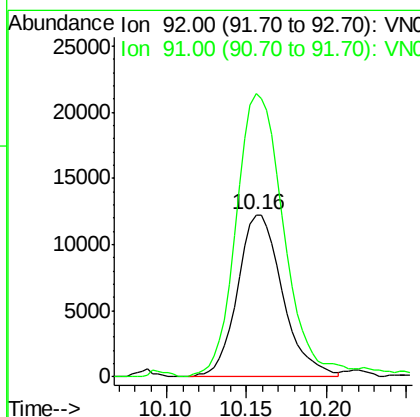
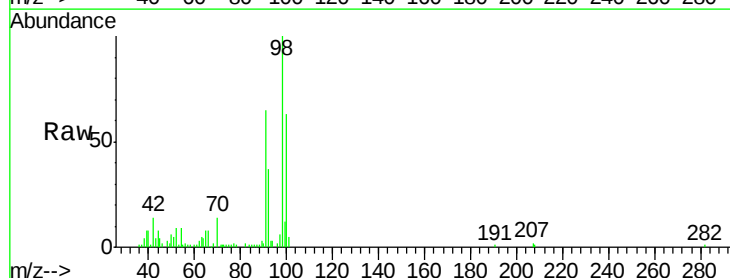
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-6

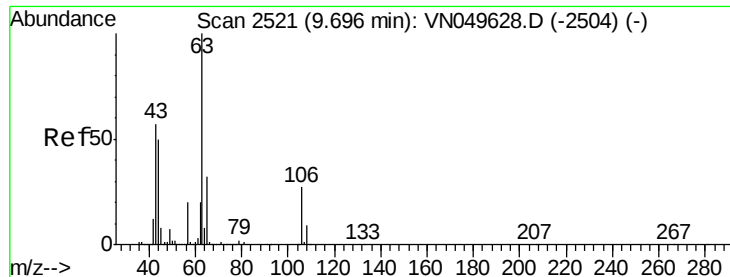
Tot Ion: 43 Resp: 4204
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.8#



#52
Toluene
Concen: 0.50 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049670.D
Acq: 2 Jul 2018 15:35

Tgt Ion: 92 Resp: 23583
Ion Ratio Lower Upper
92 100
91 184.5 140.1 210.1

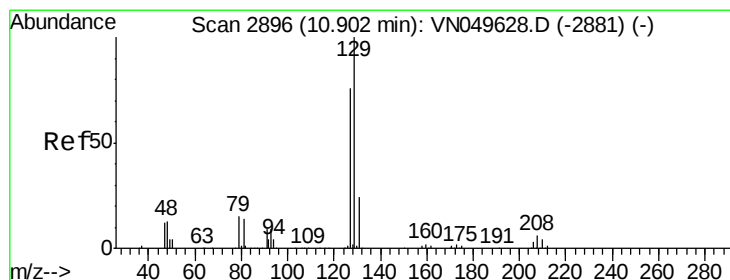
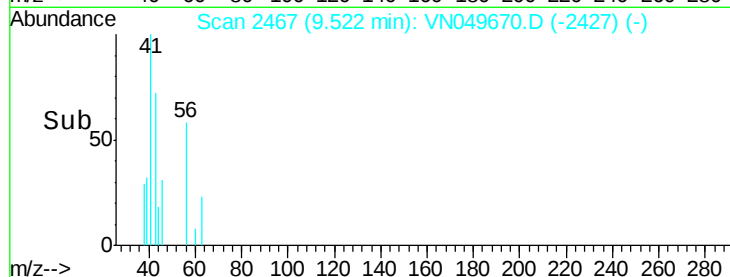
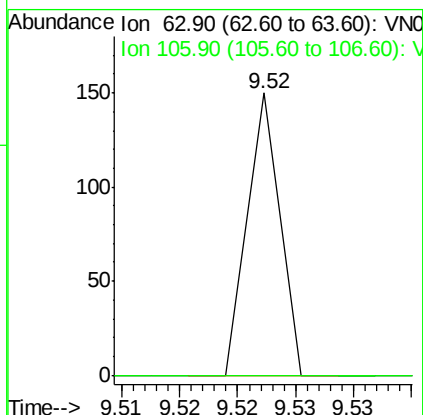
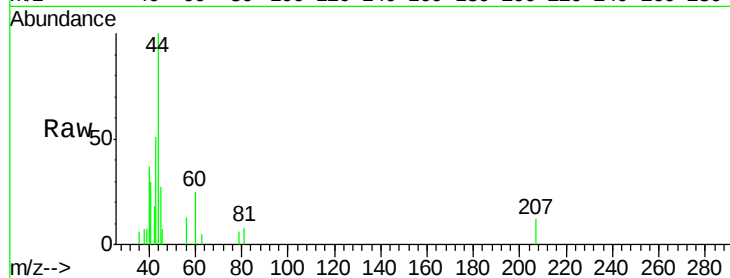




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.82 ug/l
 RT: 9.52 min Scan# 2467
 Delta R.T. -0.17 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

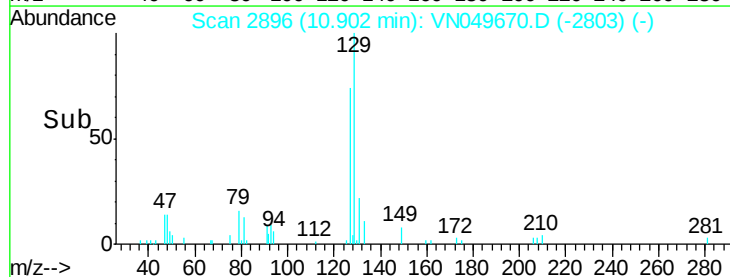
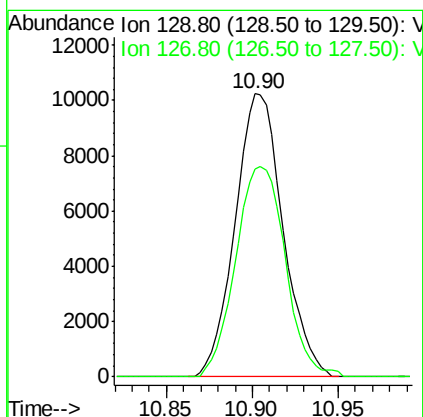
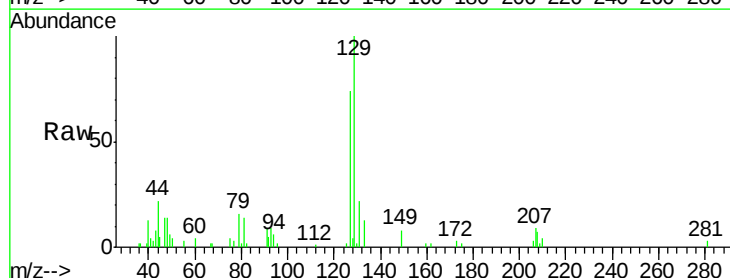
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-6

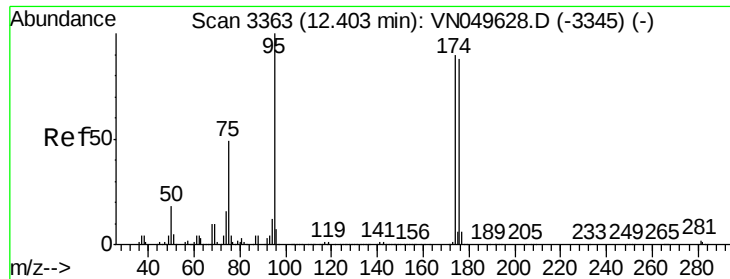
Tot Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.8#



#60
 Dibromochloromethane
 Concen: 1.04 ug/l
 RT: 10.90 min Scan# 2896
 Delta R.T. 0.00 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

Tgt Ion:129 Resp: 19825
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.3 114.9





#62

4-Bromofluorobenzene

Concen: 38.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-6

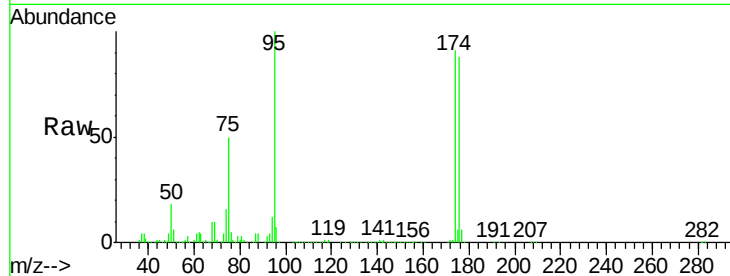
Tot Ion: 95 Resp: 873950

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.6

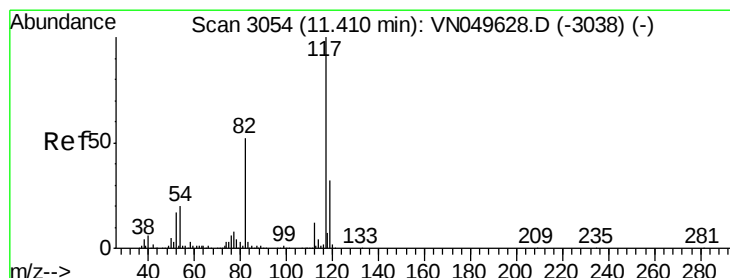
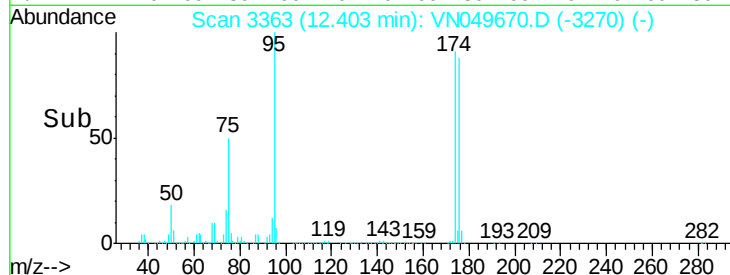
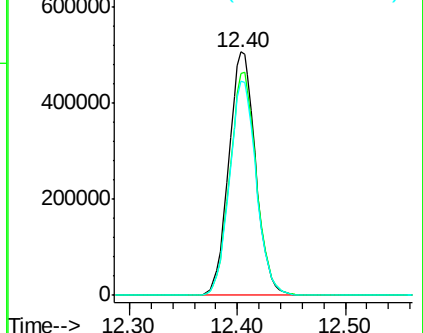
176 88.0 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

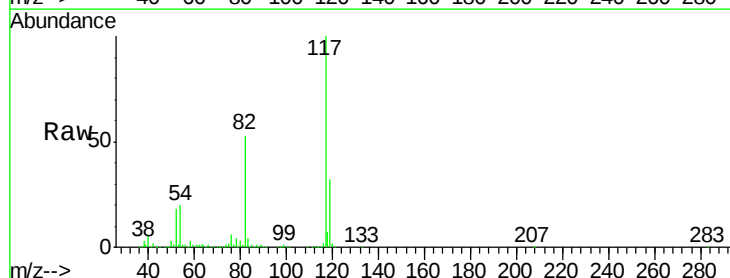
Tgt Ion: 117 Resp: 1892163

Ion Ratio Lower Upper

117 100

82 53.2 41.9 62.9

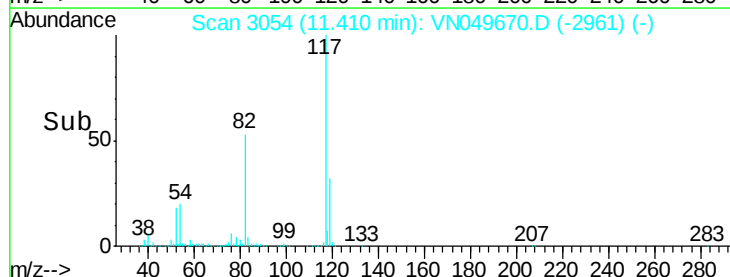
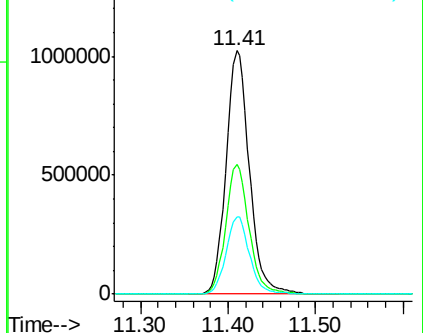
119 31.8 25.4 38.2

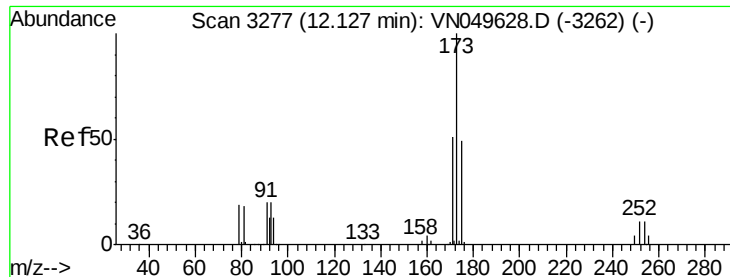


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.22 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-6

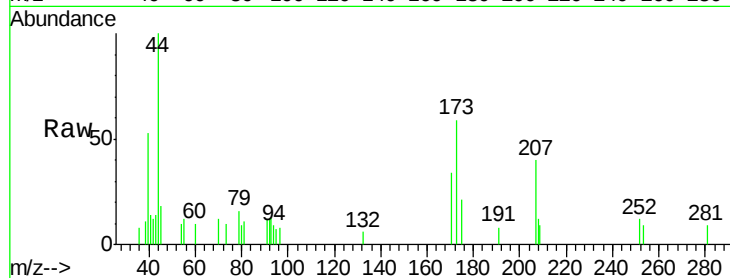
Tot Ion:173 Resp: 2543

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.8#

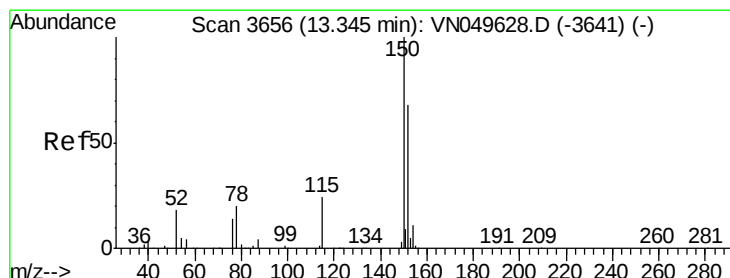
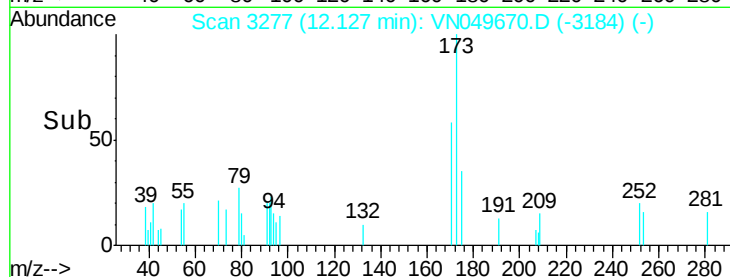
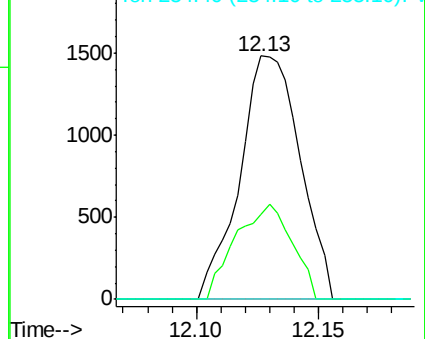
254 0.0 0.2 0.2#



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: VN049670.D

Acq: 2 Jul 2018 15:35

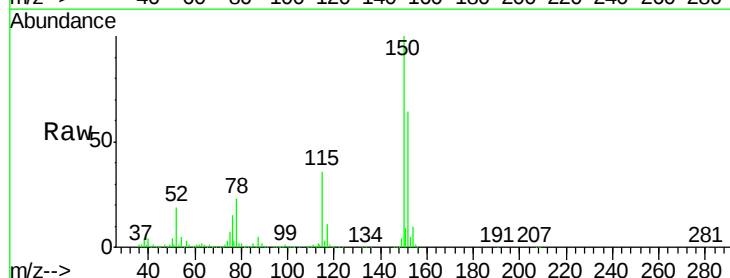
Tgt Ion:152 Resp: 699739

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

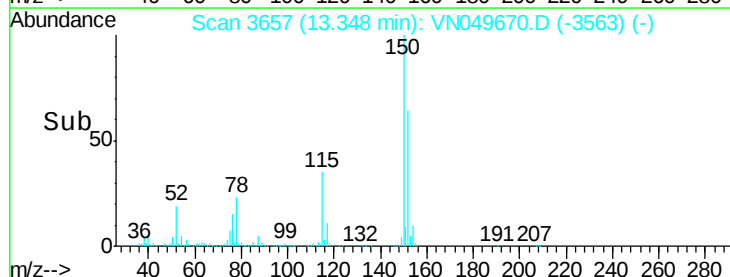
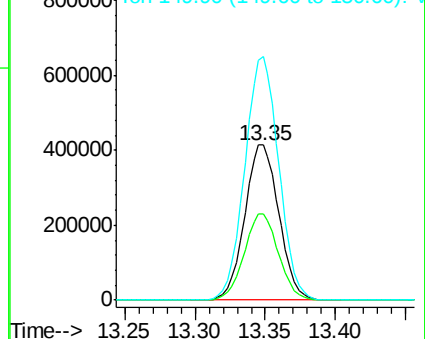
150 156.9 0.0 347.6

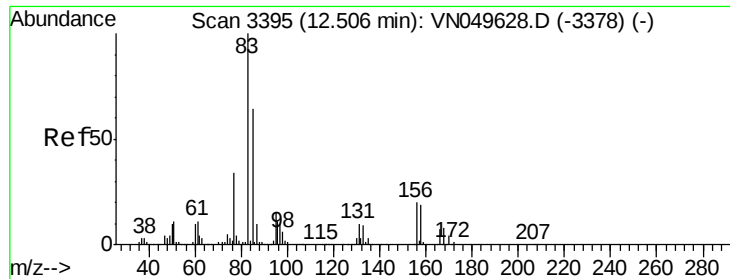


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-6

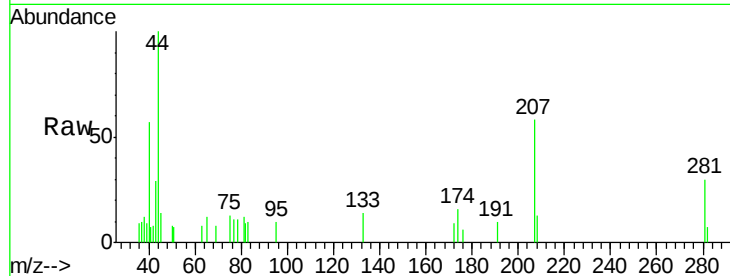
Tot Ion: 83 Resp: 118

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.5 97.4#

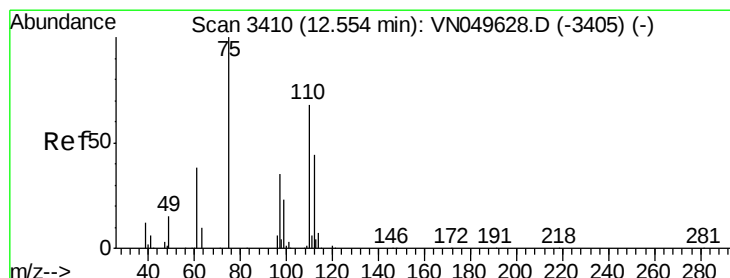
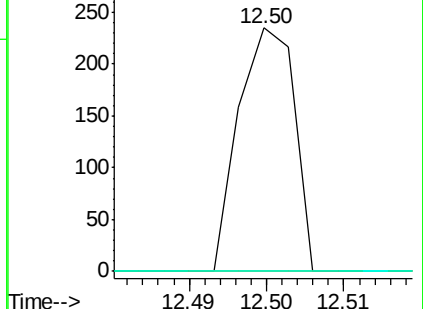
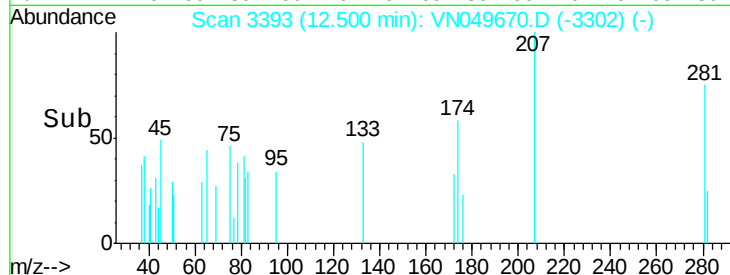


Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC

Time-->



#76

1,2,3-Trichloropropane

Concen: 38.19 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049670.D

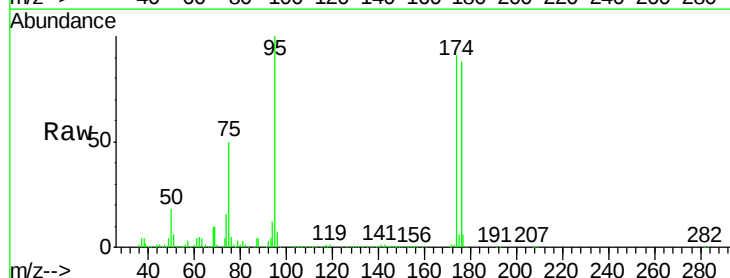
Acq: 2 Jul 2018 15:35

Tgt Ion: 75 Resp: 428544

Ion Ratio Lower Upper

75 100

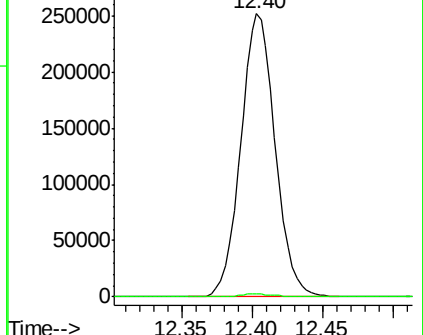
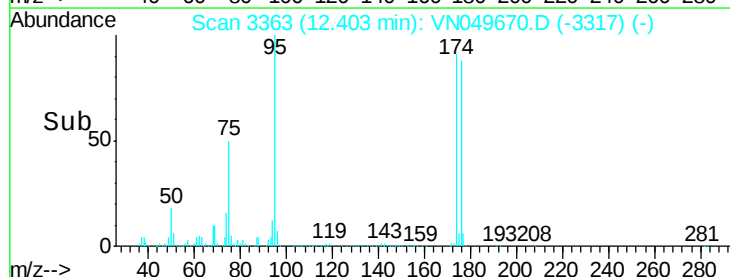
77 1.2 0.0 0.0#

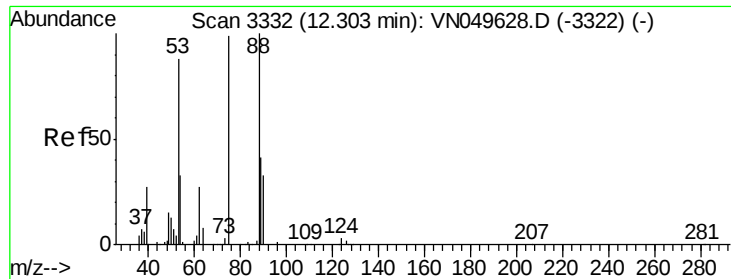


Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 129.70 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-6

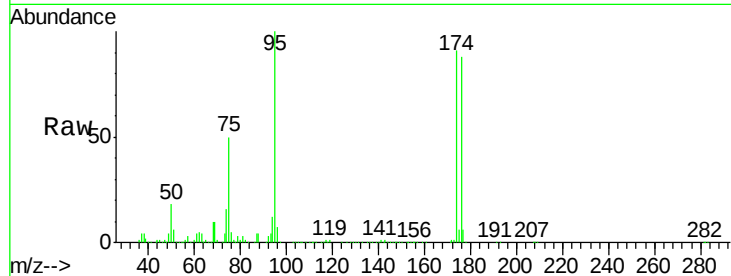
Tot Ion: 75 Resp: 428544

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049670.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049670.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049670.D (-3363) (-)

12.40

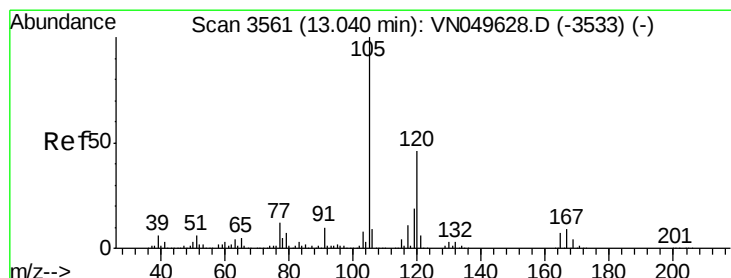
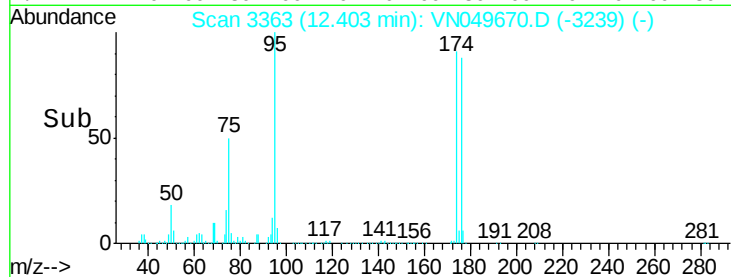
300000

200000

100000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.20 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN049670.D

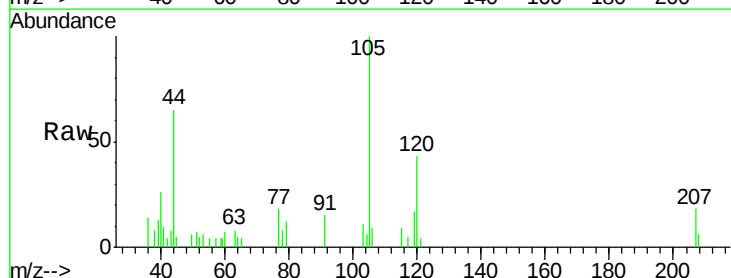
Acq: 2 Jul 2018 15:35

Tgt Ion: 105 Resp: 9715

Ion Ratio Lower Upper

105 100

120 38.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): VN049670.D (-3561) (-)

Ion 120.00 (119.70 to 120.70): VN049670.D (-3561) (-)

13.04

5000

4000

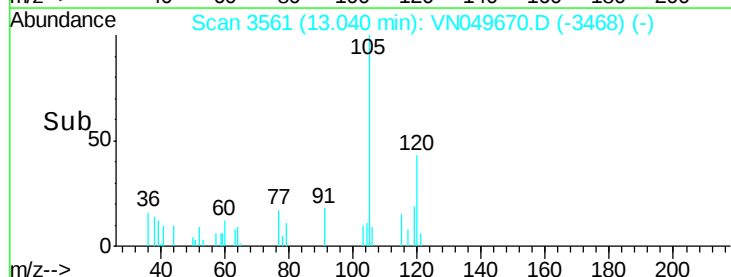
3000

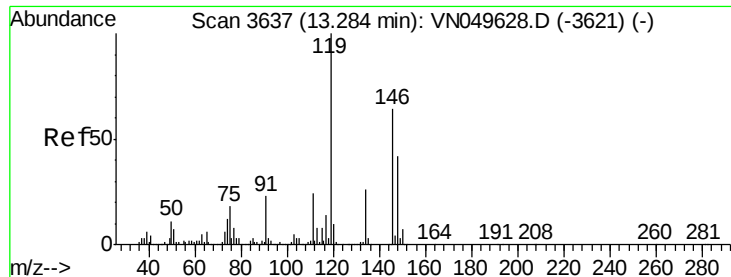
2000

1000

0

Time-->

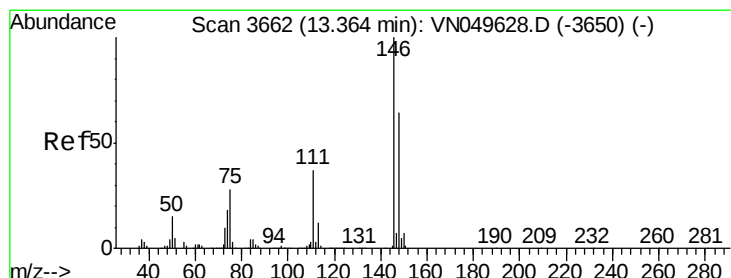
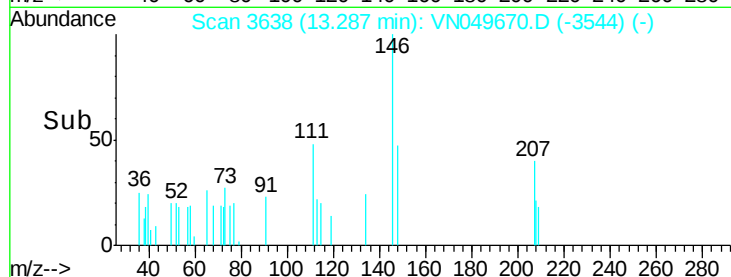
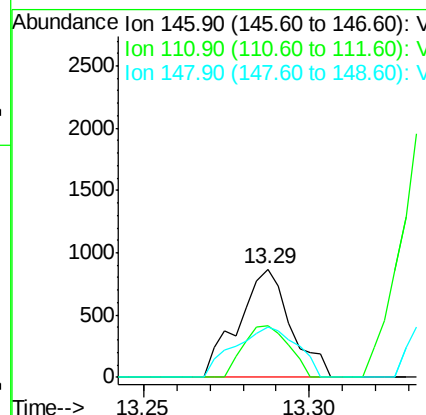
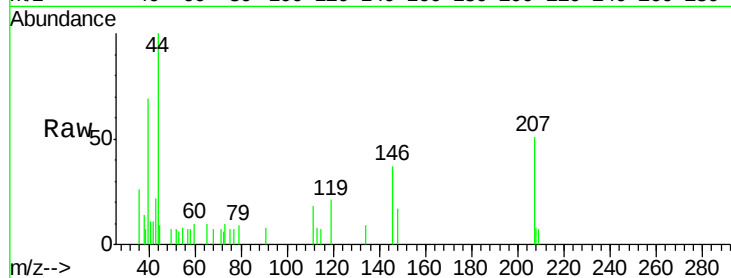




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

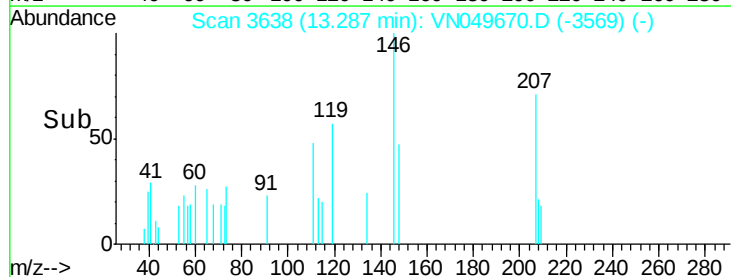
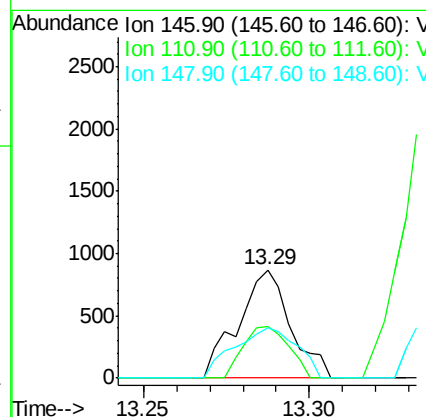
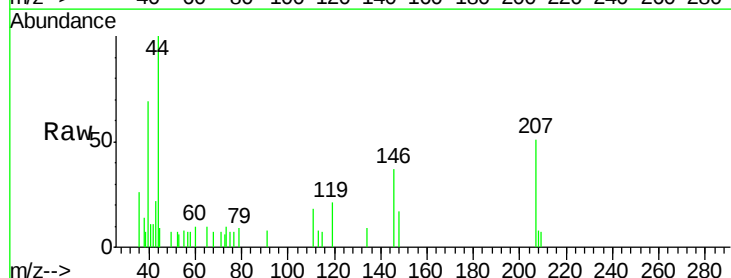
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1-6

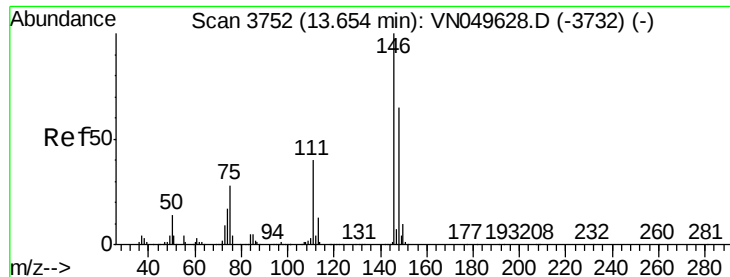
Tot Ion:146 Resp: 947
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.0 57.0
 148 56.2 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

Tgt Ion:146 Resp: 947
 Ion Ratio Lower Upper
 146 100
 111 41.8 18.9 56.5
 148 56.2 32.1 96.3





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-6

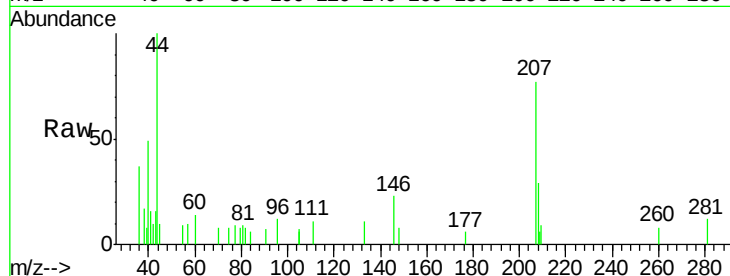
Tot Ion:146 Resp: 696

Ion Ratio Lower Upper

146 100

111 24.1 19.7 59.1

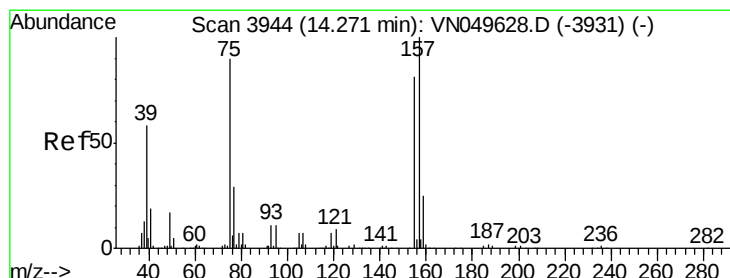
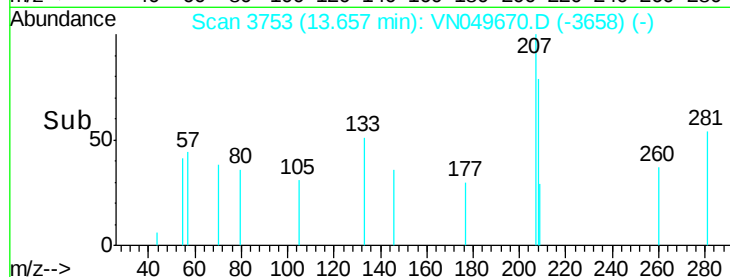
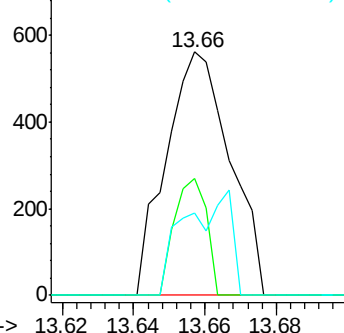
148 31.2 32.0 96.2#



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: Below Cal

RT: 14.26 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

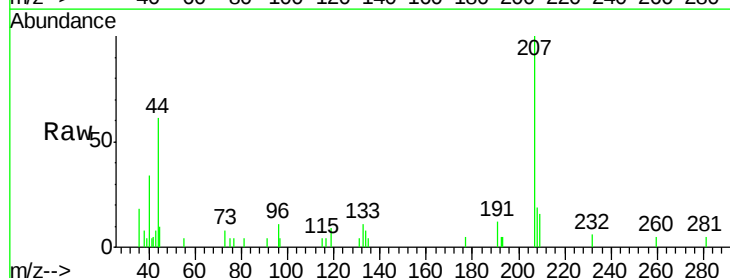
Tgt Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

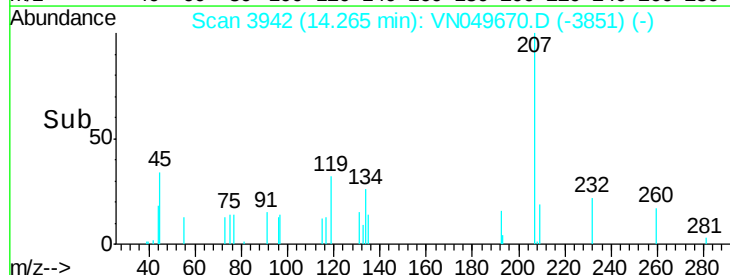
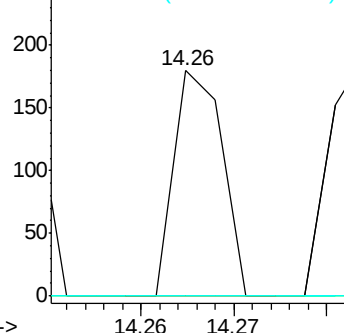
157 0.0 56.9 170.7#

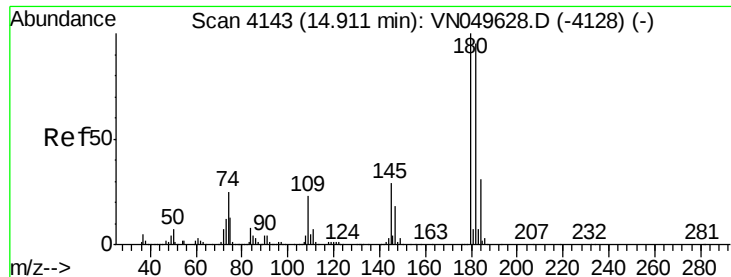


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

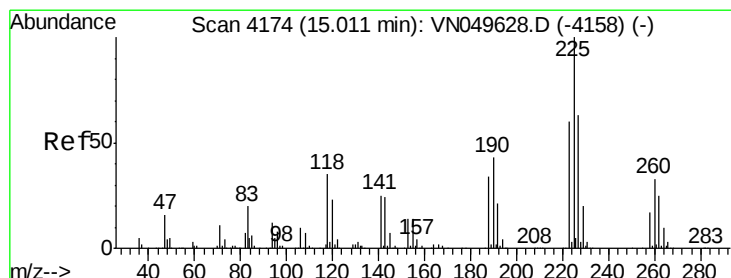
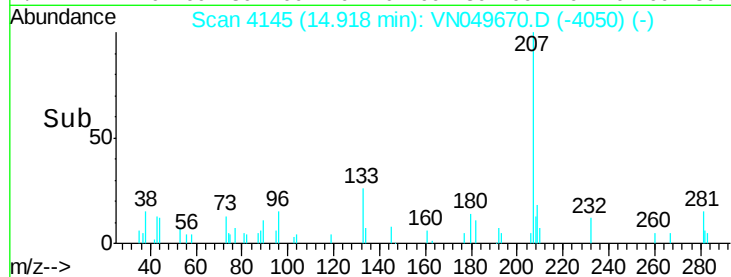
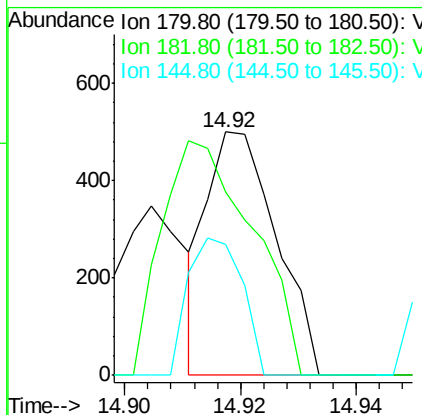
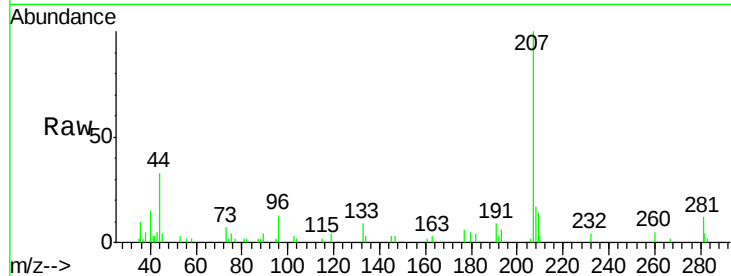




#93
 1,2,4-Trichlorobenzene
 Concen: 2.43 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

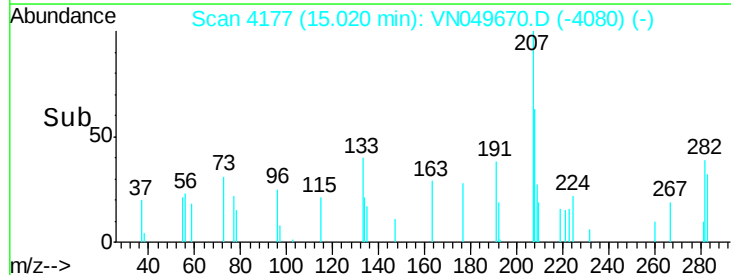
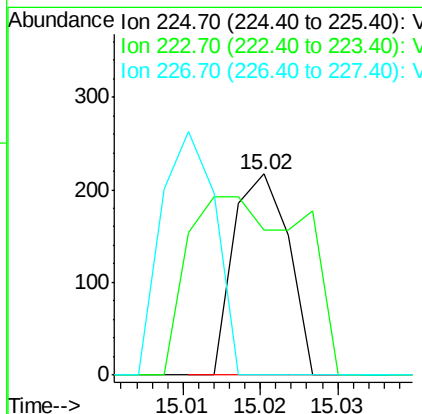
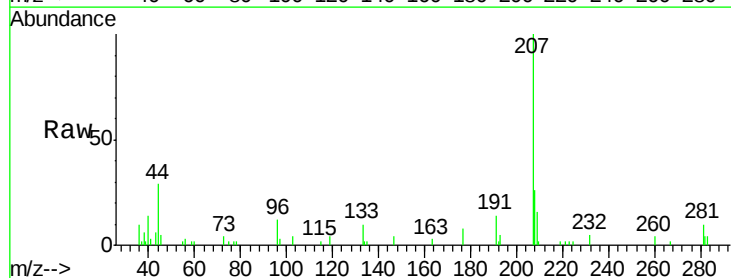
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-6

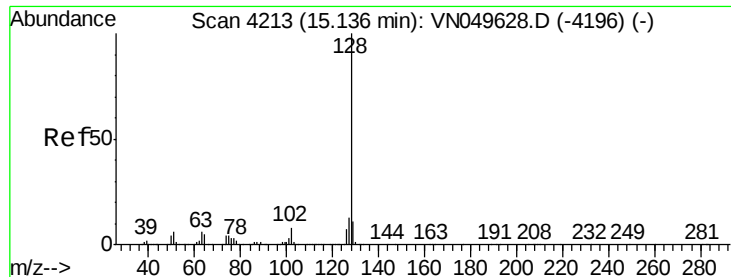
Tot Ion:180 Resp: 414
 Ion Ratio Lower Upper
 180 100
 182 126.6 47.3 141.9
 145 44.2 14.4 43.0#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.02 min Scan# 4177
 Delta R.T. 0.01 min
 Lab File: VN049670.D
 Acq: 2 Jul 2018 15:35

Tgt Ion:225 Resp: 107
 Ion Ratio Lower Upper
 225 100
 223 185.0 30.9 92.7#
 227 118.7 31.8 95.4#





#95

Naphthalene

Concen: 4.12 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-6

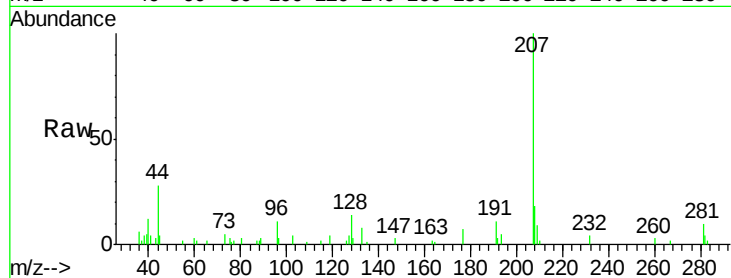
Tot Ion:128 Resp: 2393

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

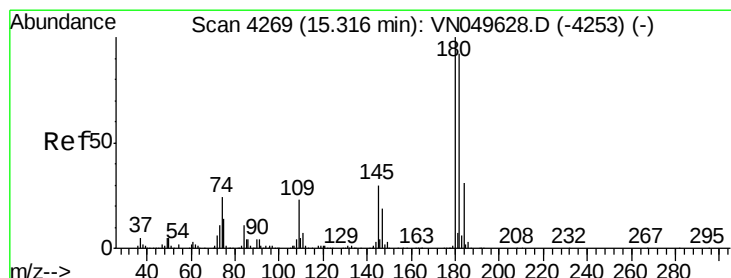
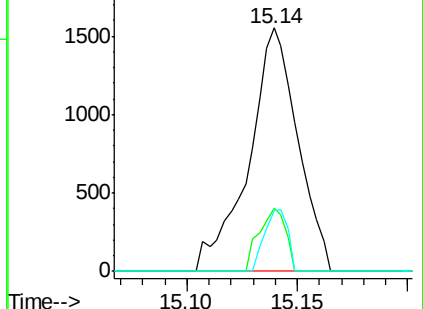
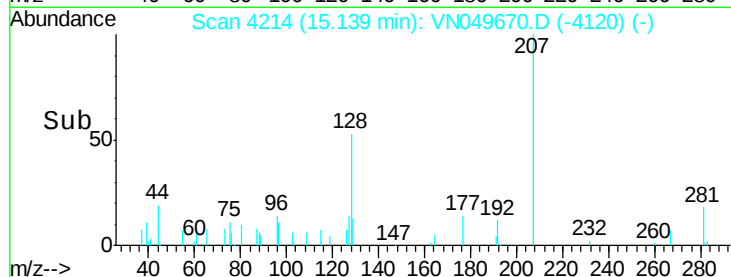
129 12.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.68 ug/l

RT: 15.33 min Scan# 4272

Delta R.T. 0.01 min

Lab File: VN049670.D

Acq: 2 Jul 2018 15:35

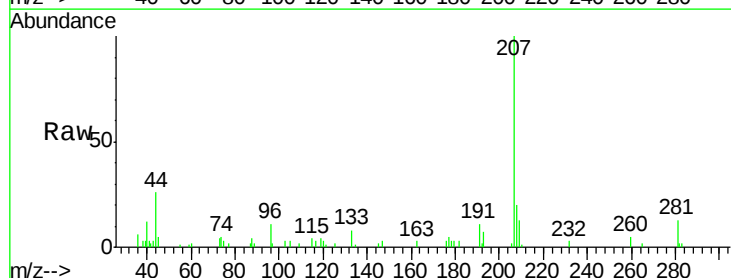
Tgt Ion:180 Resp: 408

Ion Ratio Lower Upper

180 100

182 119.6 47.4 142.2

145 32.6 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

