

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049668.D
 Acq On : 2 Jul 2018 14:44
 Operator : MD\SY
 Sample : J3811-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jul 03 03:46:40 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	1449528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2313846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1919376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	826290	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	973378	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
35) Dibromofluoromethane	7.59	113	843448	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	10.09	98	3112632	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.41	95	918174	39.72	ug/l	0.00
Spiked Amount			Recovery	=	79.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	372	0.34	ug/l #	72
13) Acrolein	3.61	56	1462	1.42	ug/l #	53
16) Acetone	3.82	43	22496	Below	Cal	100
17) Carbon Disulfide	4.04	76	2859	Below	Cal #	87
18) Methyl Acetate	4.33	43	43526	Below	Cal	98
31) Cyclohexane	7.67	56	27885	0.24	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	95137	3.65	ug/l #	49
38) Carbon Tetrachloride	7.67	117	131098	5.18	ug/l #	16
40) Benzene	8.04	78	36264	0.46	ug/l	96
43) Isopropyl Acetate	8.28	43	147348	4.36	ug/l #	62
49) 1,4-Dioxane	9.21	88	394	2.17	ug/l	95
68) m/p-Xylenes	11.62	106	22330	0.70	ug/l	94
69) o-Xylene	11.95	106	24010	0.79	ug/l	100
71) Bromoform	12.40	173	6186	0.52	ug/l #	1
73) Isopropylbenzene	12.25	105	28128	0.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	451	Below	Cal #	46
76) 1,2,3-Trichloropropane	12.40	75	448254	33.83	ug/l #	100
78) n-propylbenzene	12.60	91	61051	0.81	ug/l	97
79) 2-Chlorotoluene	12.66	91	32018	0.67	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	227797	4.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	448254	114.89	ug/l #	13
82) 4-Chlorotoluene	12.74	91	25226	0.53	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.04	105	770960	13.72	ug/l	100
85) sec-Butylbenzene	13.17	105	34628	0.56	ug/l #	68
86) p-Isopropyltoluene	13.29	119	16585	0.31	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	4996	Below	Cal	87
88) 1,4-Dichlorobenzene	13.28	146	4996	Below	Cal	88
90) Hexachloroethane	13.89	117	2704	0.48	ug/l #	4
91) 1,2-Dichlorobenzene	13.66	146	23344	Below	Cal	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	102	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1643	2.51	ug/l #	14
94) Hexachlorobutadiene	15.03	225	60	Below	Cal #	1
95) Naphthalene	15.14	128	9784	4.31	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.33	180	1275	1.73	ug/l #	81

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

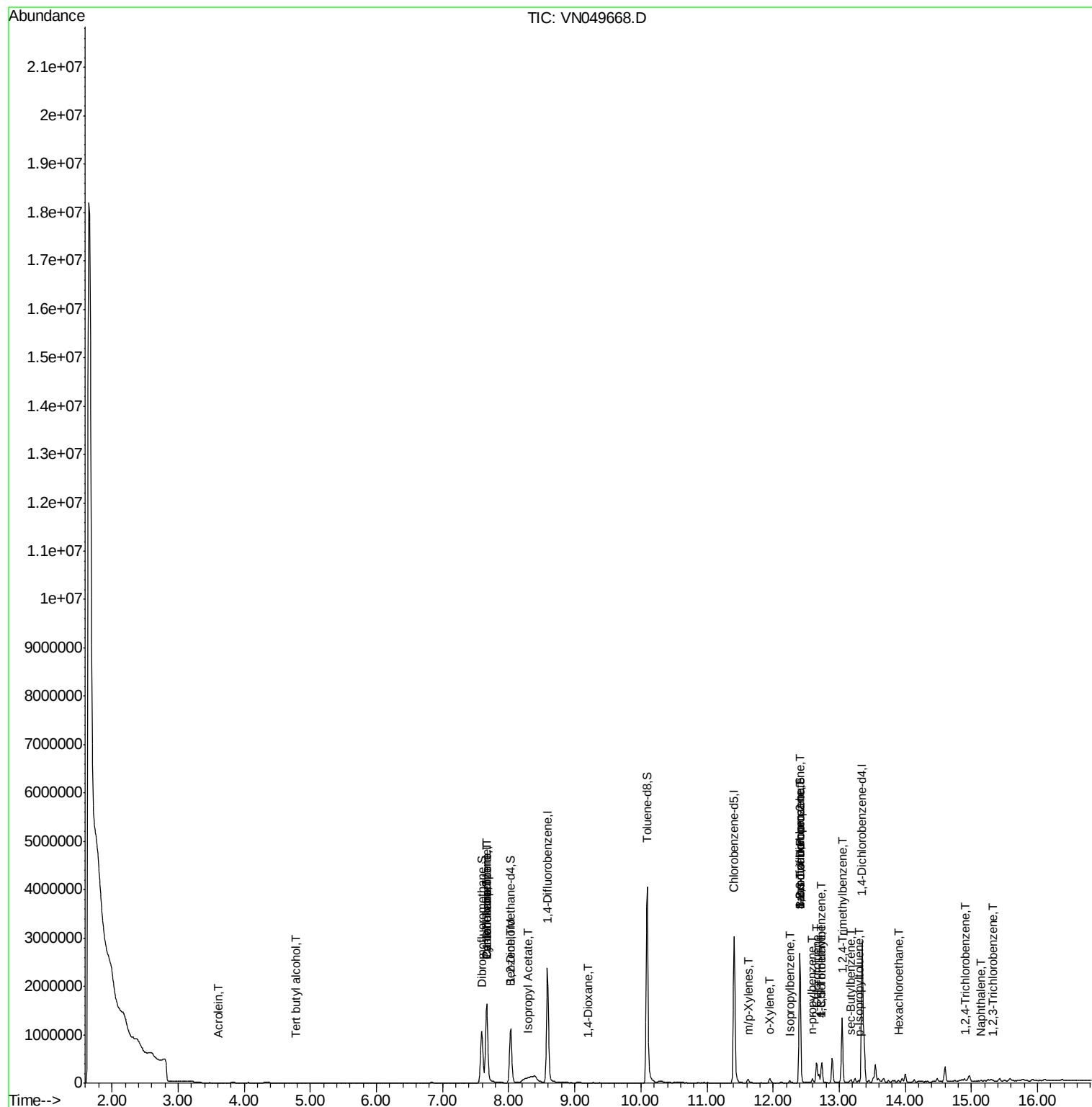
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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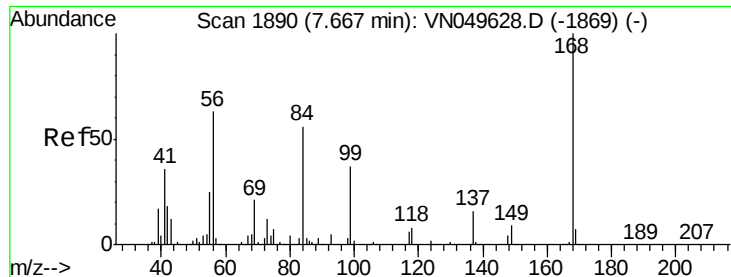
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

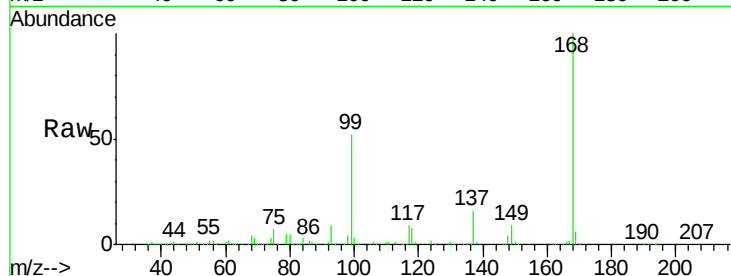
MW-3

Tot Ion:168 Resp: 1449528

Ion Ratio Lower Upper

168 100

99 52.3 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

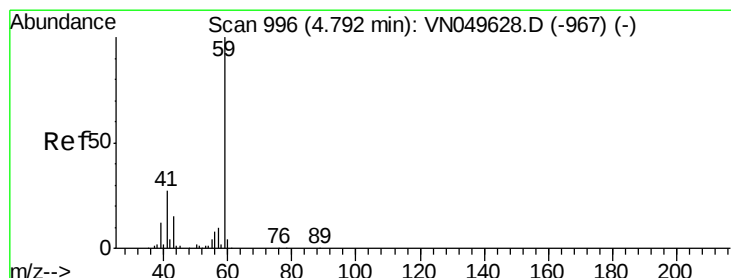
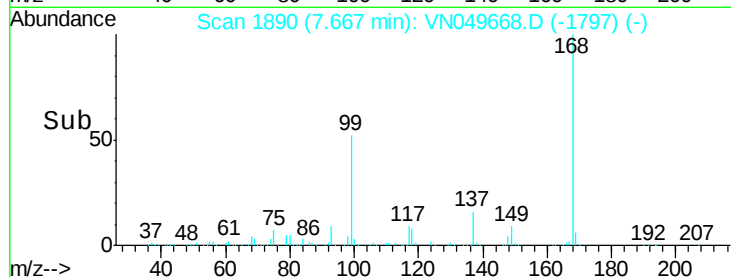
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.34 ug/l

RT: 4.78 min Scan# 991

Delta R.T. -0.02 min

Lab File: VN049668.D

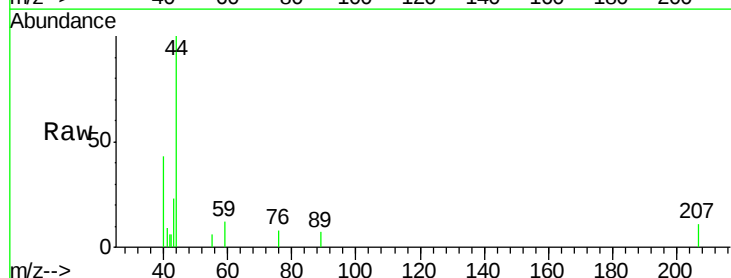
Acq: 2 Jul 2018 14:44

Tgt Ion: 59 Resp: 372

Ion Ratio Lower Upper

59 100

57 0.0 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

500

400

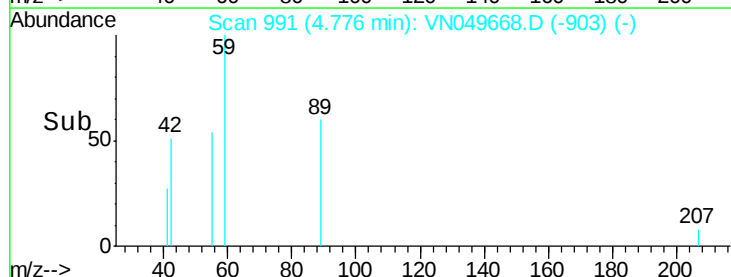
300

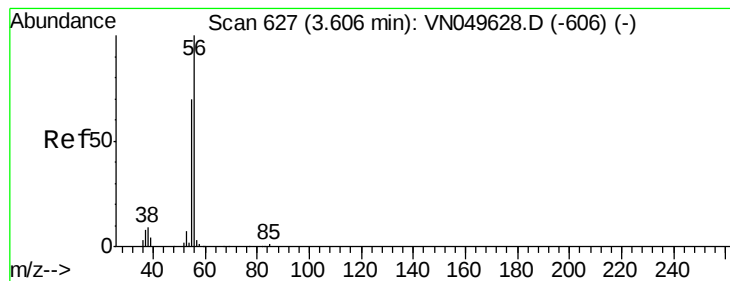
200

100

0

Time--> 4.76 4.78 4.80





#13

Acrolein

Concen: 1.42 ua/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

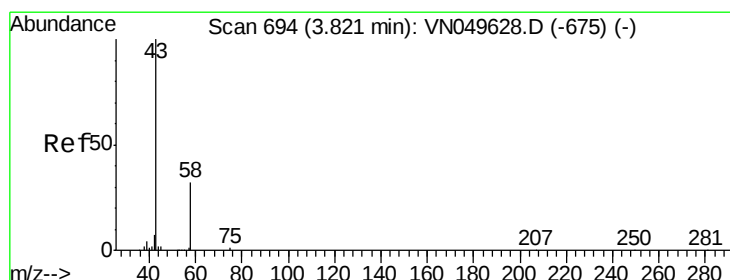
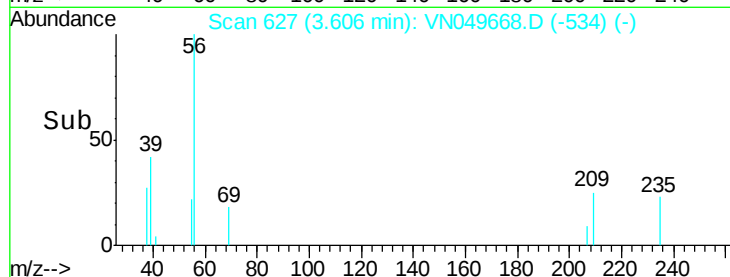
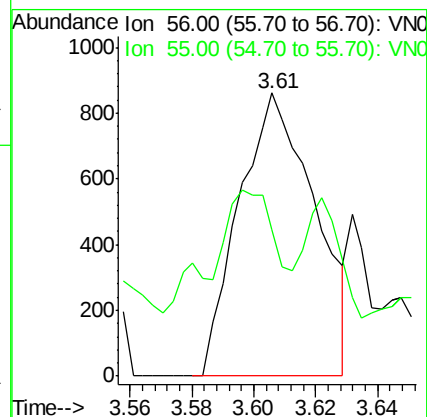
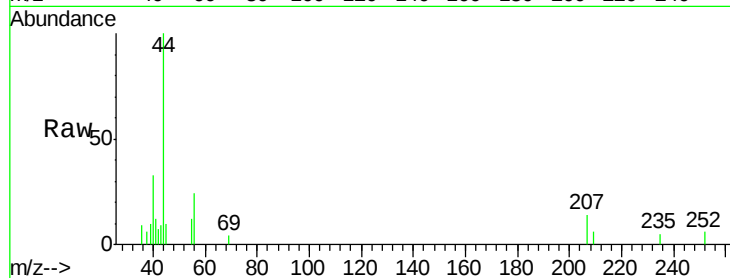
MW-3

Tot Ion: 56 Resp: 1462

Ion Ratio Lower Upper

56 100

55 31.1 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049668.D

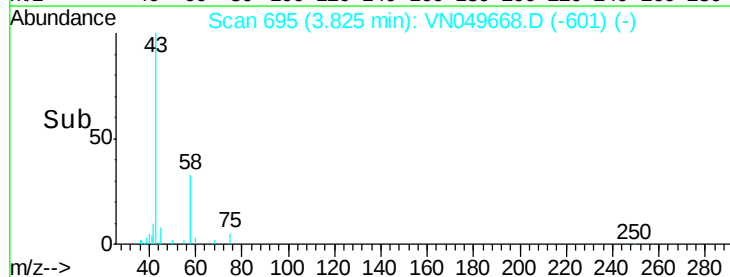
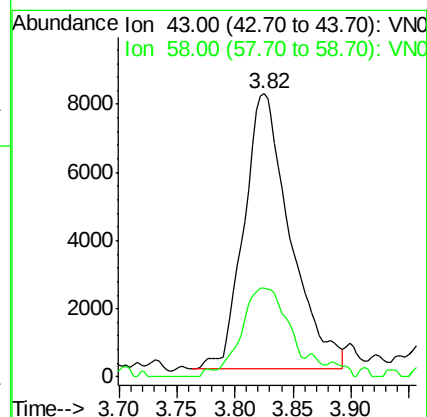
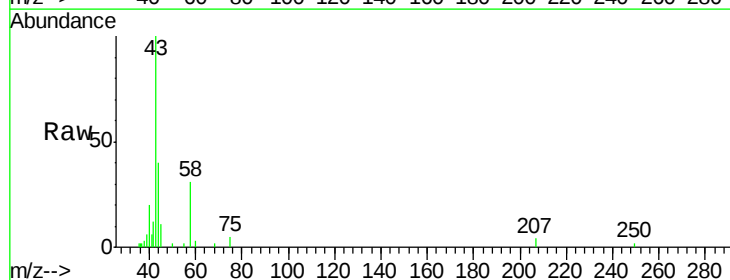
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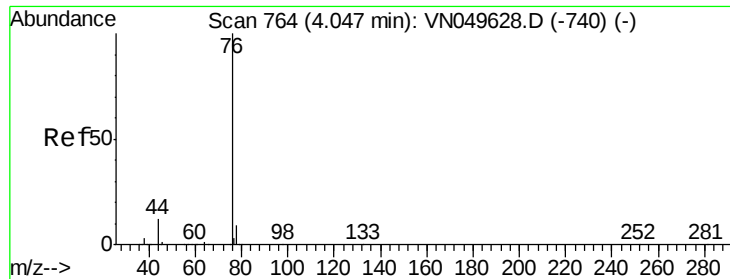
Tgt Ion: 43 Resp: 22496

Ion Ratio Lower Upper

43 100

58 32.3 25.9 38.9

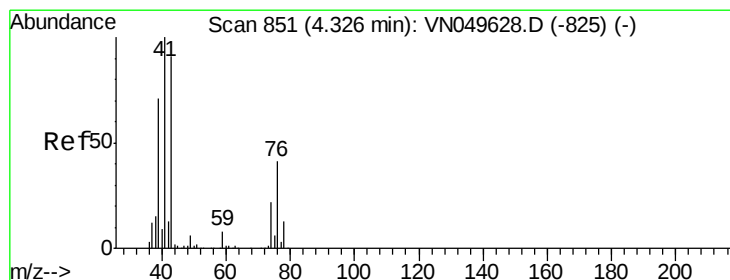
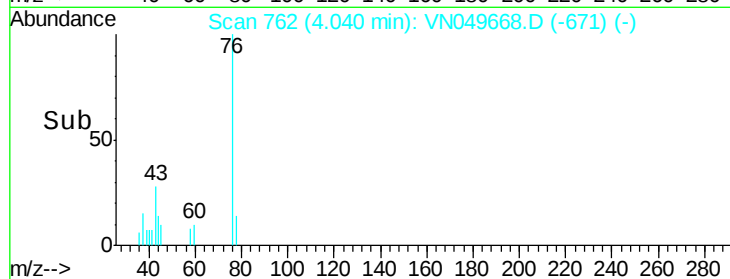
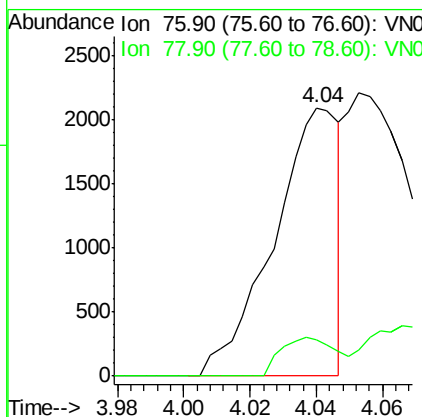
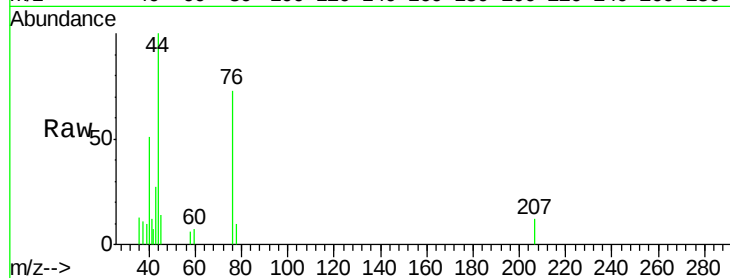




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.04 min Scan# 762
Delta R.T. -0.01 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

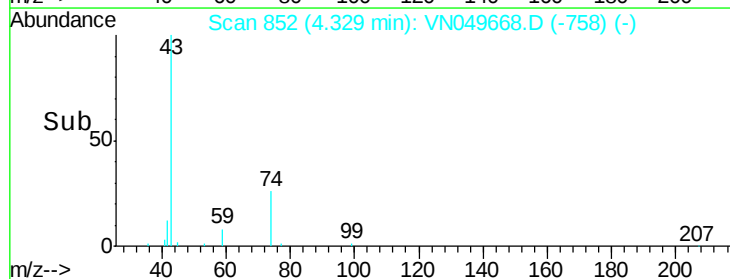
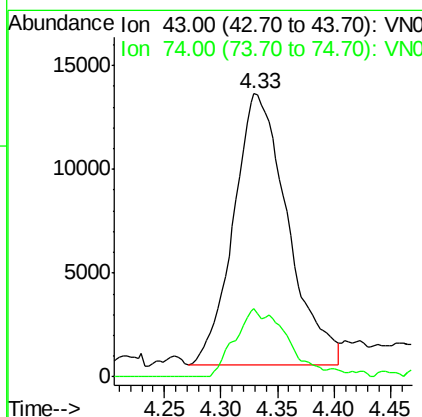
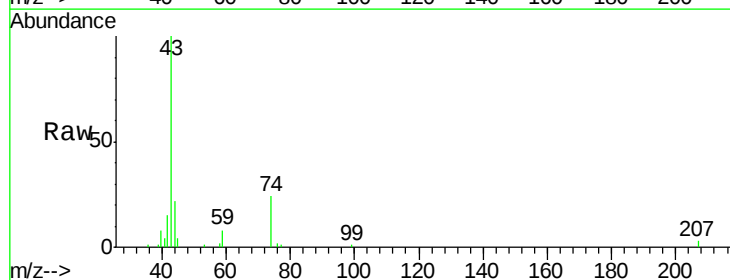
Instrument :
MSVOA_N
ClientSampleId :
MW-3

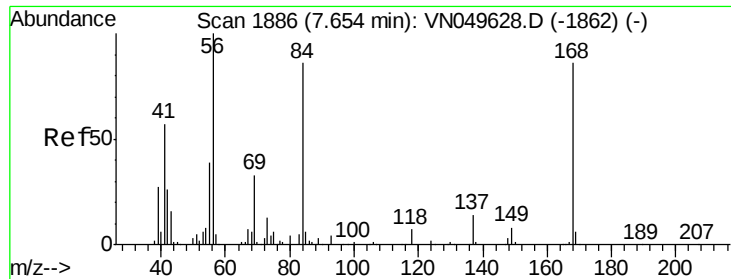
Tot Ion: 76 Resp: 2859
Ion Ratio Lower Upper
76 100
78 13.6 7.1 10.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

Tgt Ion: 43 Resp: 43526
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8

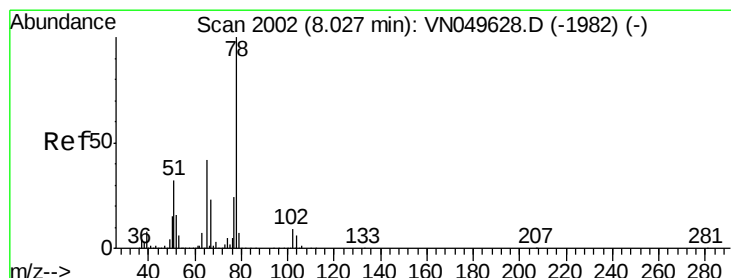
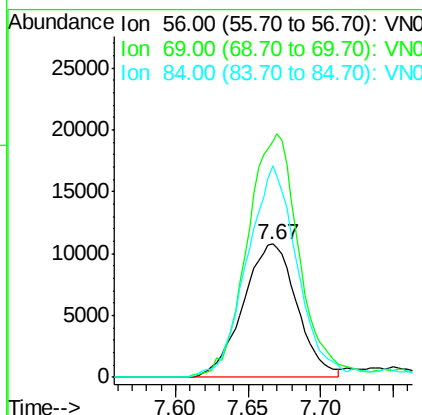
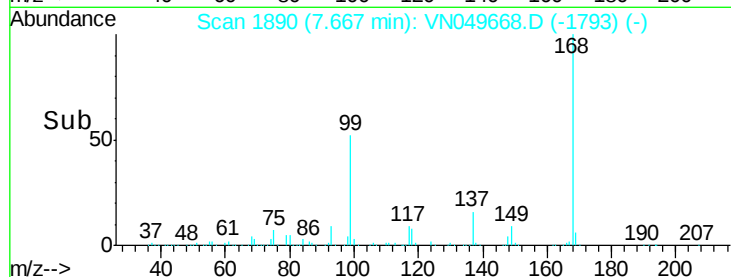
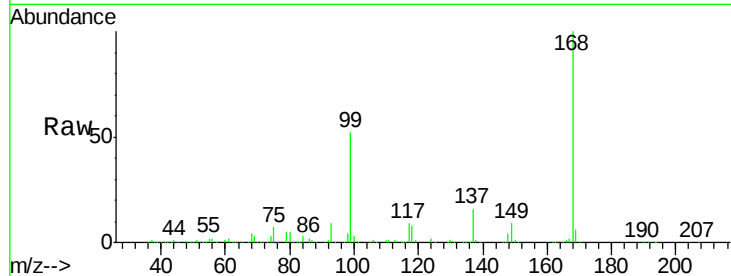




#31
Cyclohexane
Concen: 0.24 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

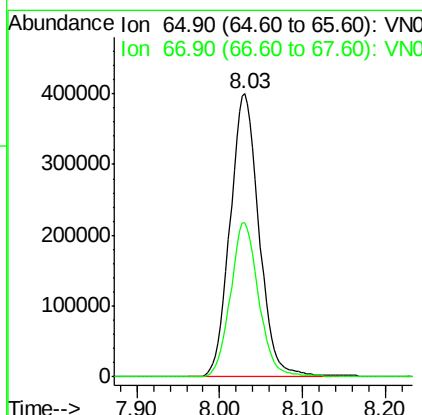
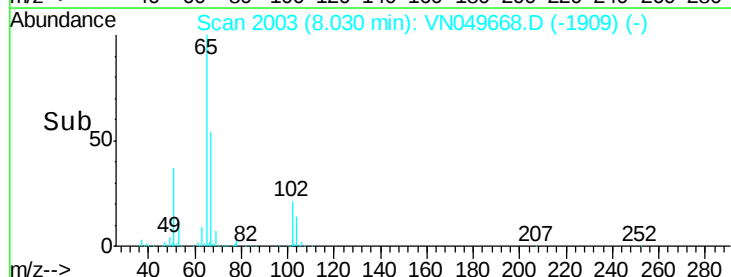
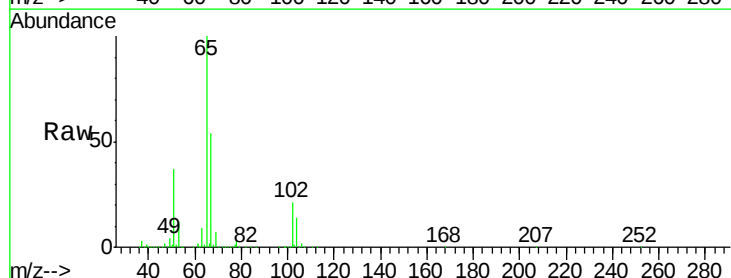
Instrument :
MSVOA_N
ClientSampled :
MW-3

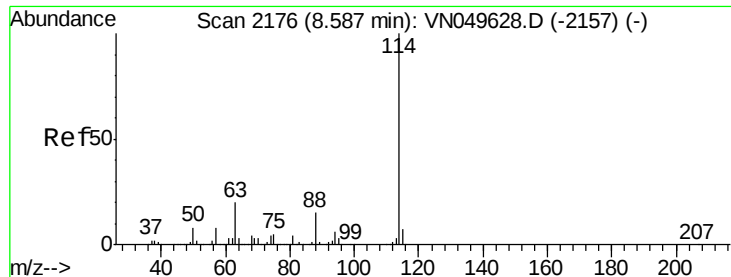
Tot Ion: 56 Resp: 27885
Ion Ratio Lower Upper
56 100
69 176.8 26.6 40.0#
84 158.1 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 50.85 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

Tgt Ion: 65 Resp: 973378
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2

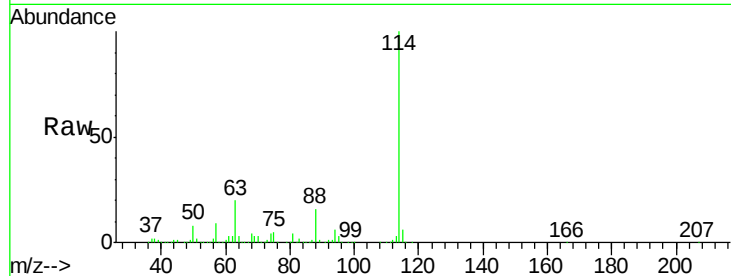




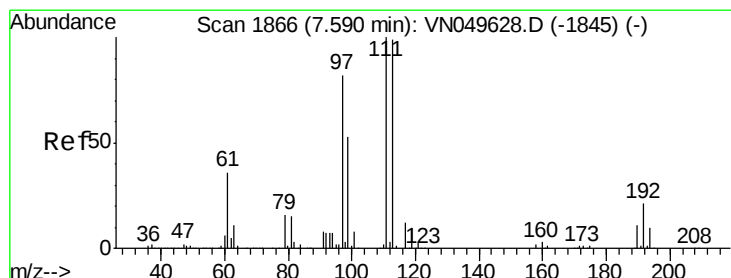
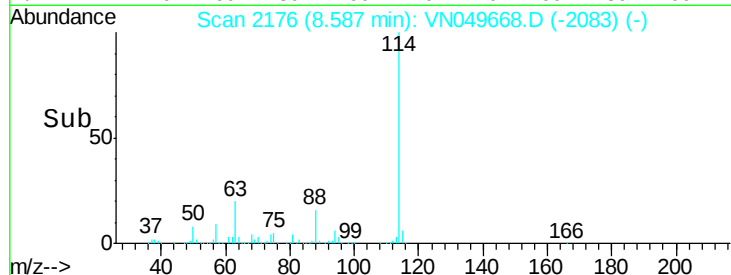
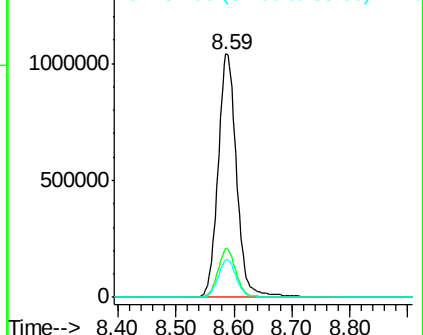
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

Tot Ion:114 Resp: 2313846
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.6 0.0 30.6

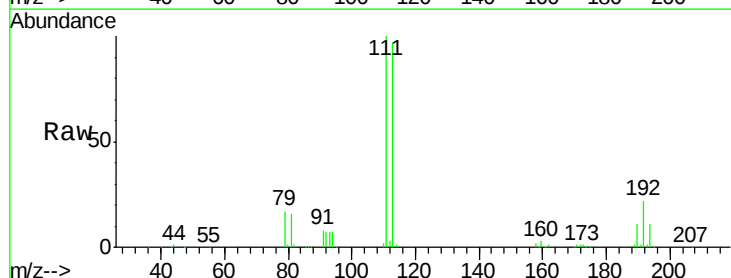


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

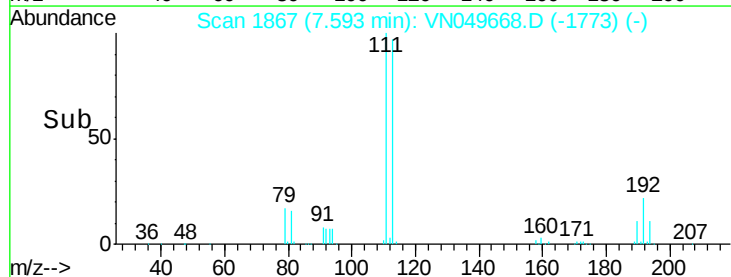
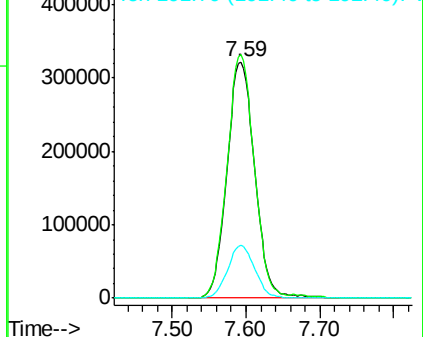


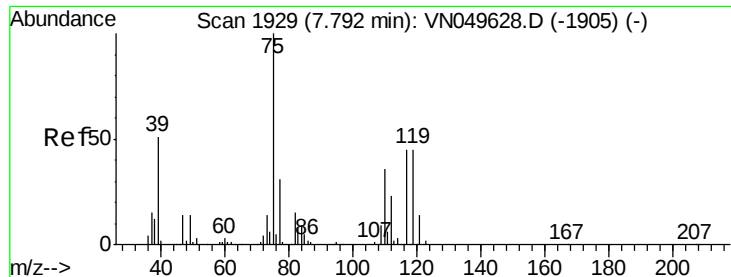
#35
 Dibromofluoromethane
 Concen: 48.76 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Tgt Ion:113 Resp: 843448
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.8
 192 21.8 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

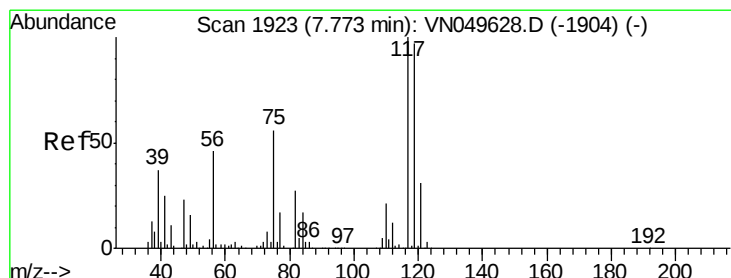
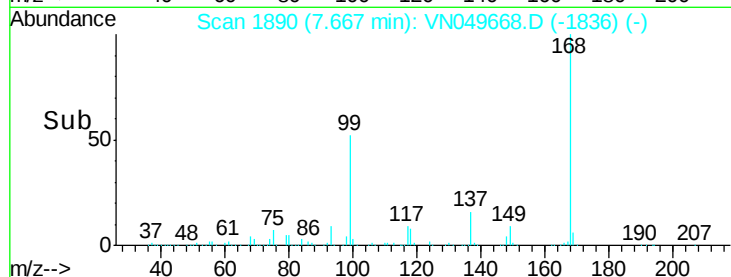
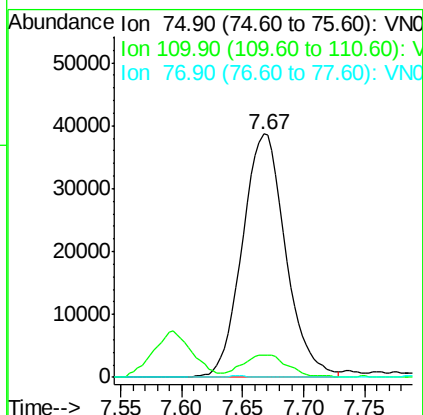
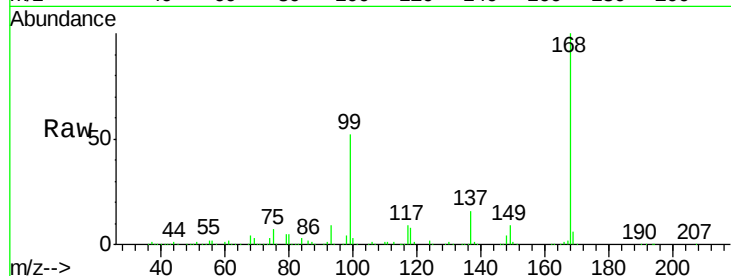




#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

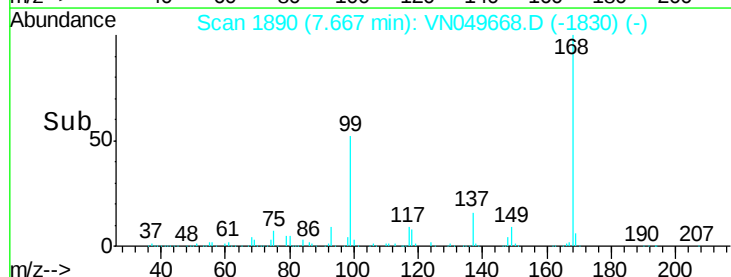
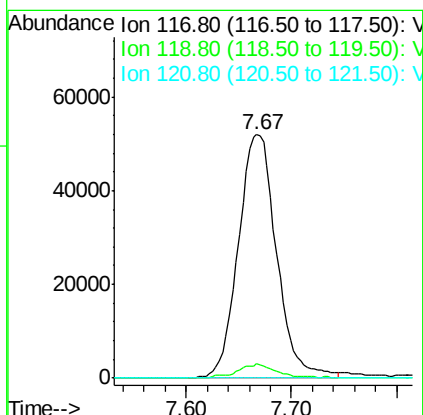
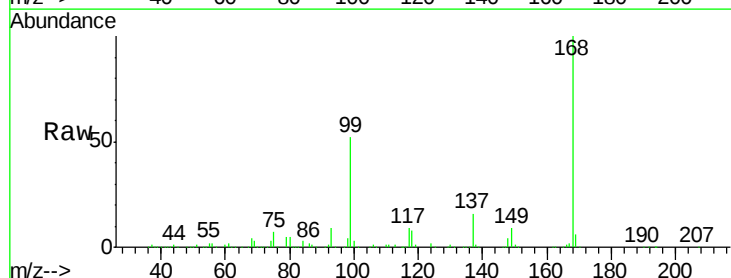
Instrument :
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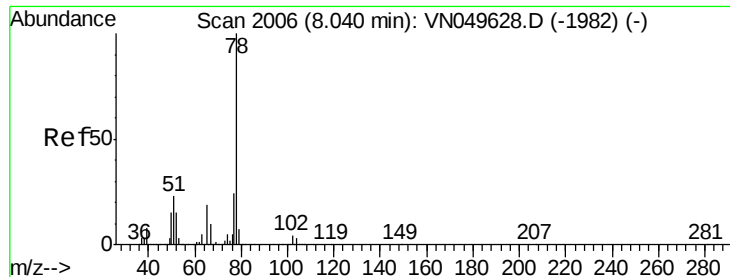
Tot Ion: 75 Resp: 95137
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.4#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.18 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Tgt Ion: 117 Resp: 131098
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.2 115.8#
 121 0.0 25.0 37.6#





#40

Benzene

Concen: 0.46 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

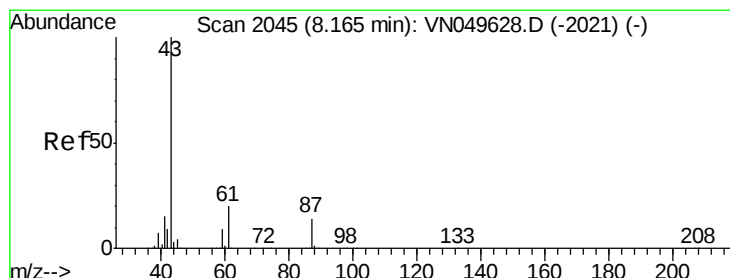
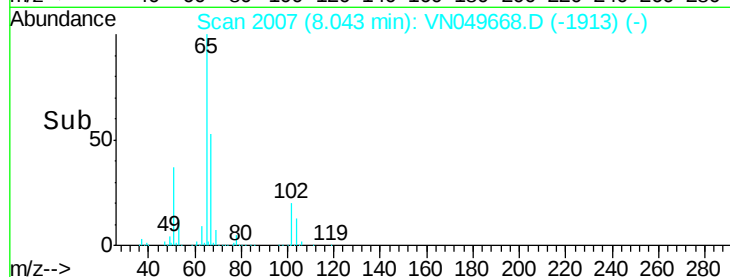
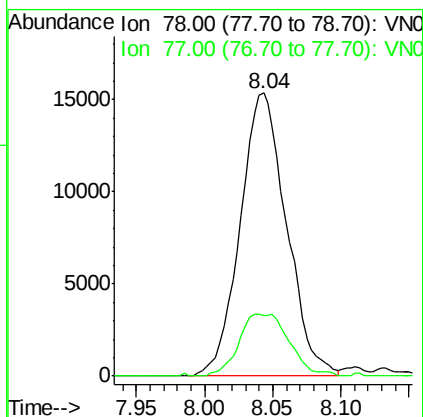
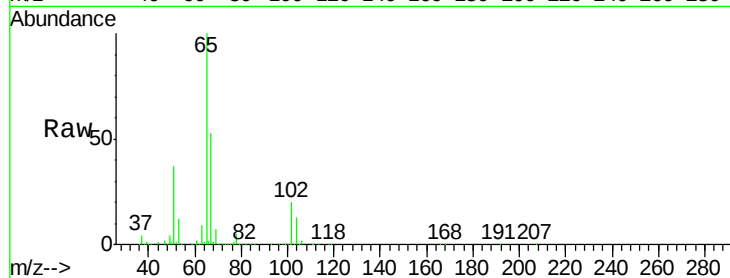
MW-3

Tot Ion: 78 Resp: 36264

Ion Ratio Lower Upper

78 100

77 21.5 19.0 28.4



#43

Isopropyl Acetate

Concen: 4.36 ug/l

RT: 8.28 min Scan# 2081

Delta R.T. 0.12 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

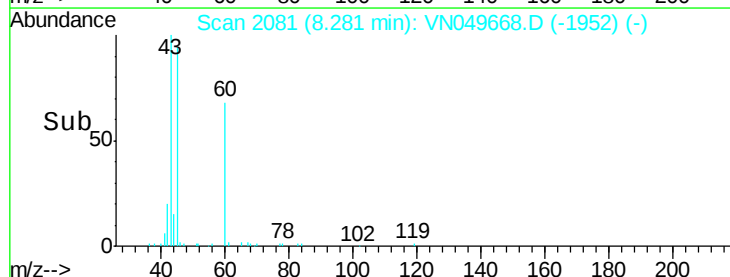
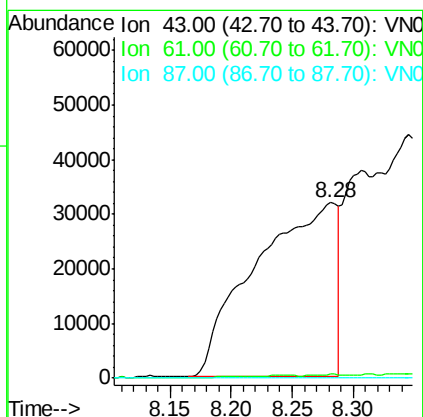
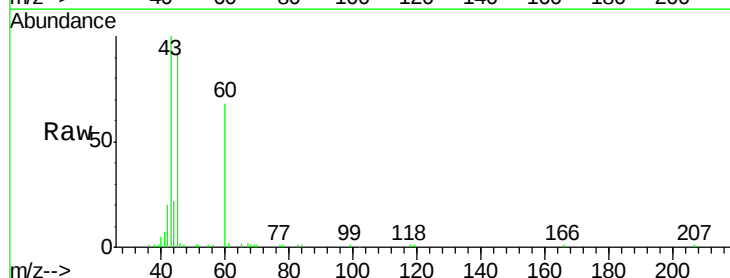
Tgt Ion: 43 Resp: 147348

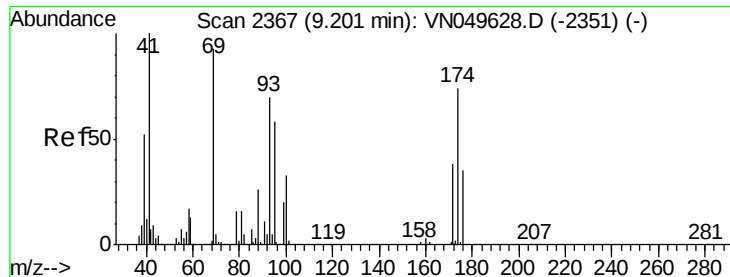
Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

87 0.0 10.0 15.0#

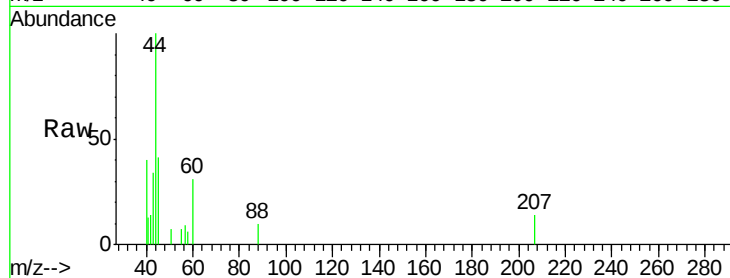




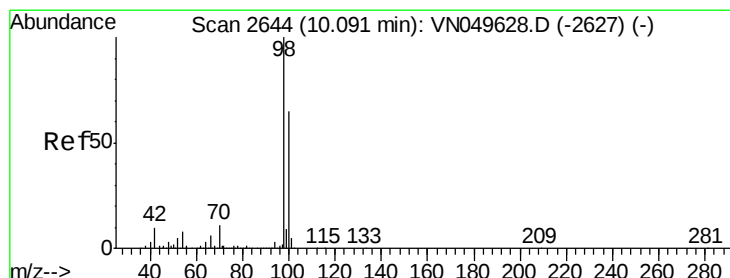
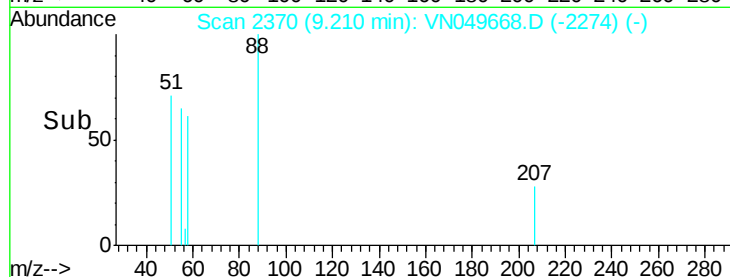
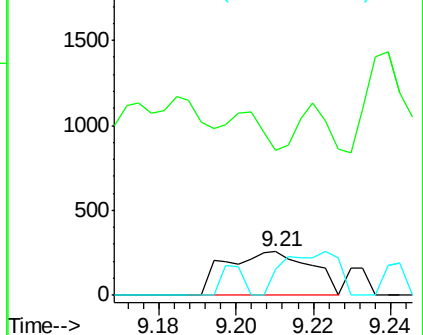
#49
1,4-Dioxane
Concen: 2.17 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. 0.01 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion: 88 Resp: 394
Ion Ratio Lower Upper
88 100
43 37.1 25.1 37.7
58 64.0 52.5 78.7

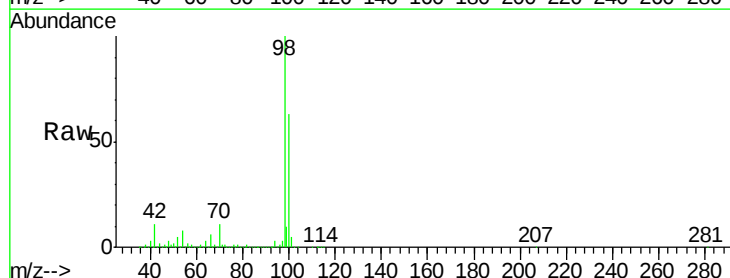


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

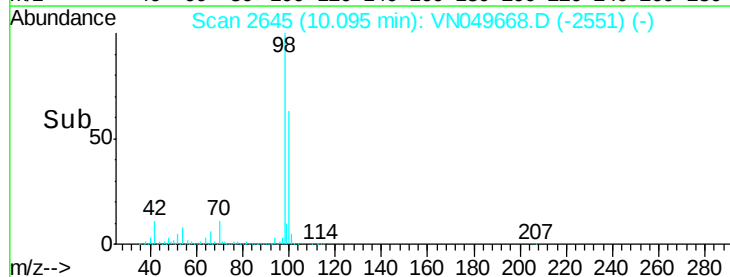
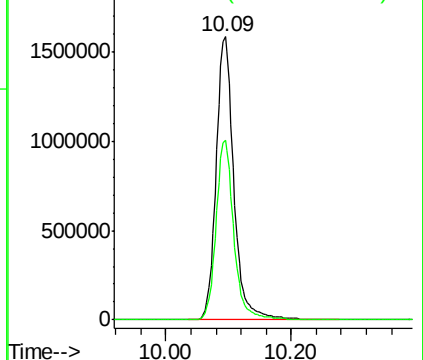


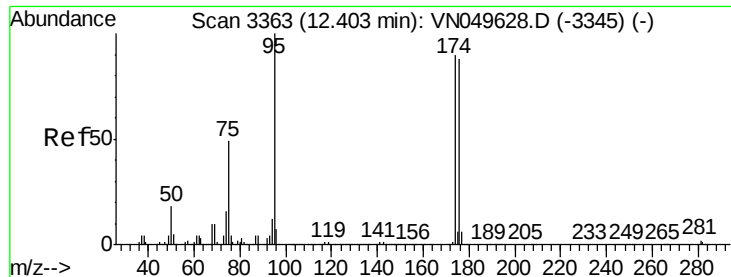
#50
Toluene-d8
Concen: 45.97 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

Tgt Ion: 98 Resp: 3112632
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 39.72 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

MW-3

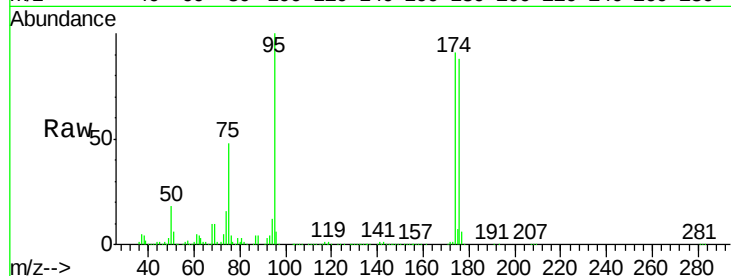
Tot Ion: 95 Resp: 918174

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

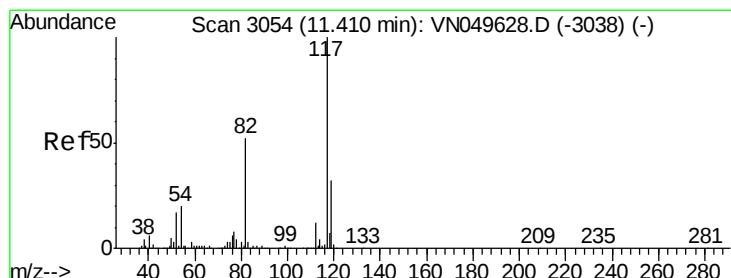
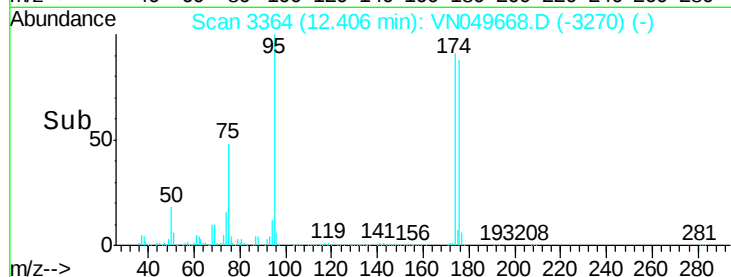
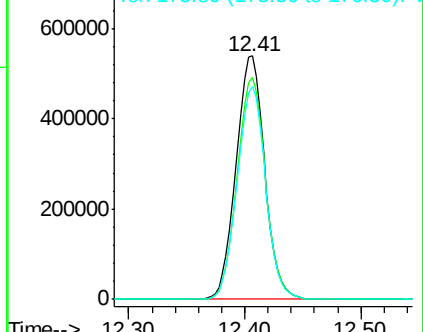
176 87.1 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049668.D (-3345) (-)

Ion 173.80 (173.50 to 174.50): VN049668.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049668.D (-3345) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

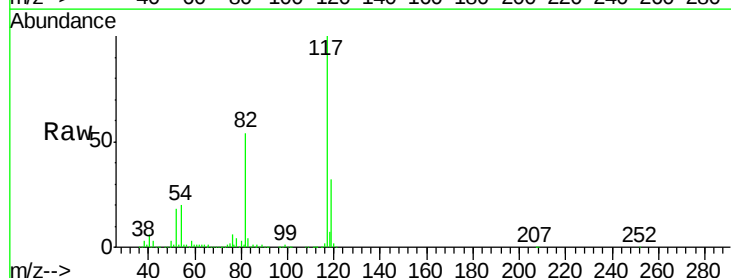
Tgt Ion: 117 Resp: 1919376

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

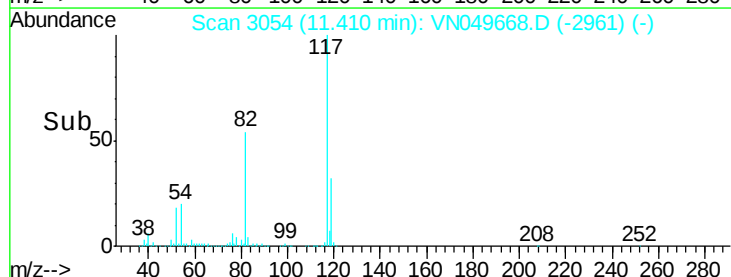
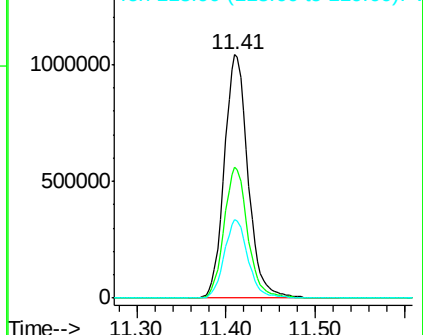
119 32.2 25.4 38.2

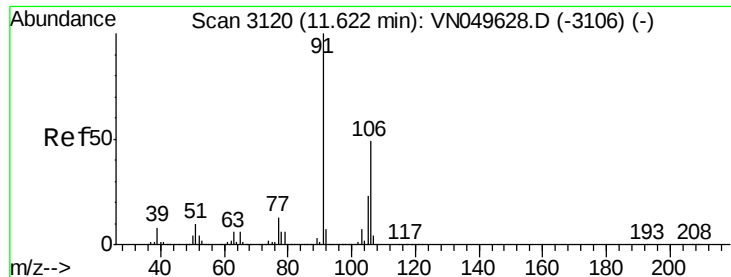


Abundance Ion 116.90 (116.60 to 117.60): VN049668.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049668.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049668.D (-3038) (-)





#68

m/p-Xvlenes

Concen: 0.70 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

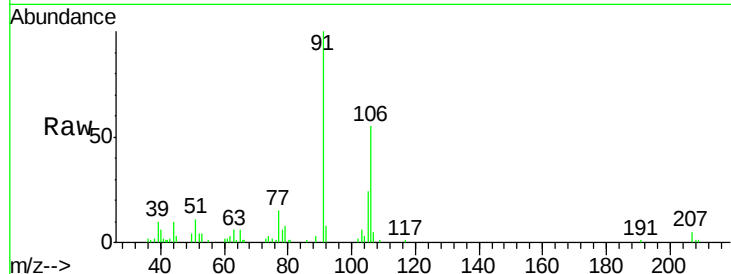
MW-3

Tot Ion:106 Resp: 22330

Ion Ratio Lower Upper

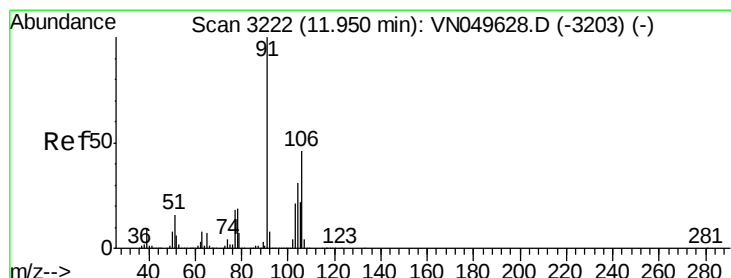
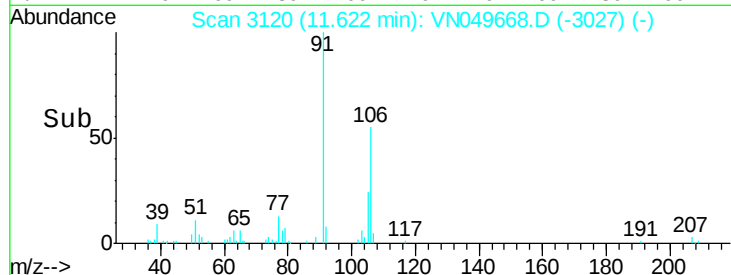
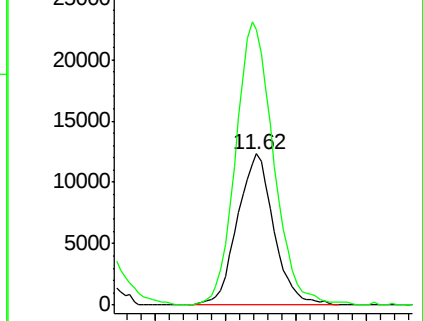
106 100

91 194.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.79 ug/l

RT: 11.95 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN049668.D

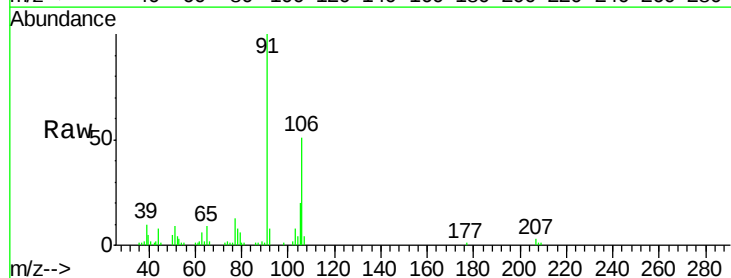
Acq: 2 Jul 2018 14:44

Tgt Ion:106 Resp: 24010

Ion Ratio Lower Upper

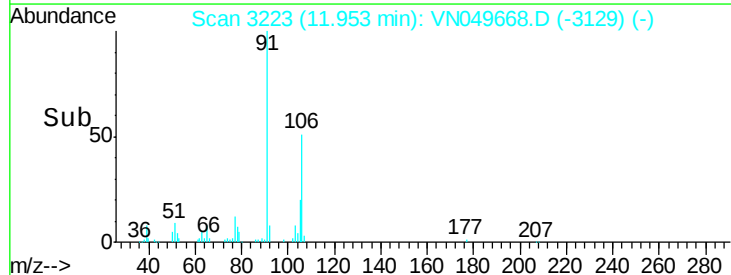
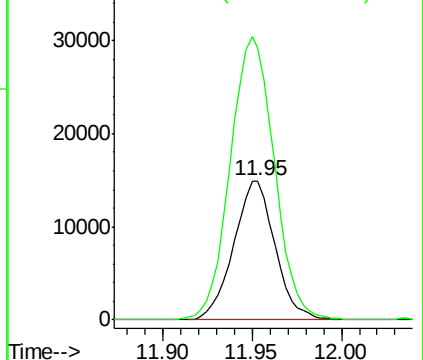
106 100

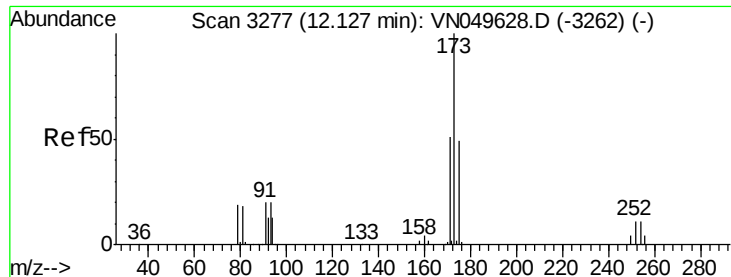
91 217.2 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

MW-3

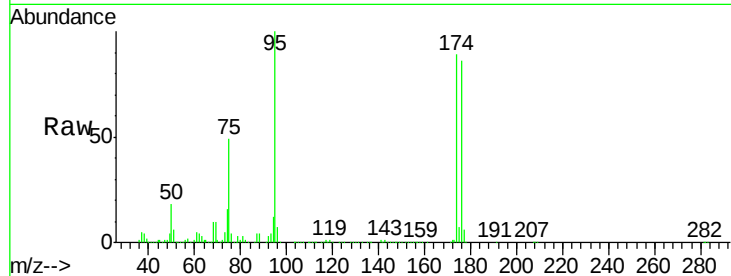
Tot Ion:173 Resp: 6186

Ion Ratio Lower Upper

173 100

175 778.1 24.6 73.8#

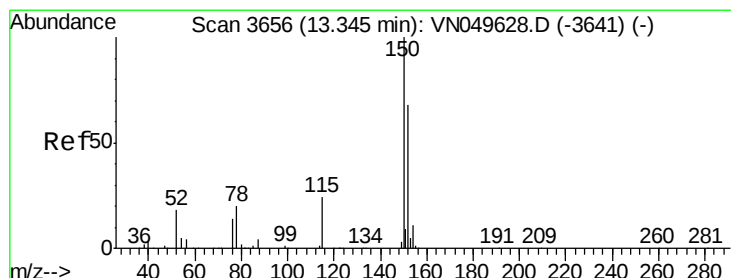
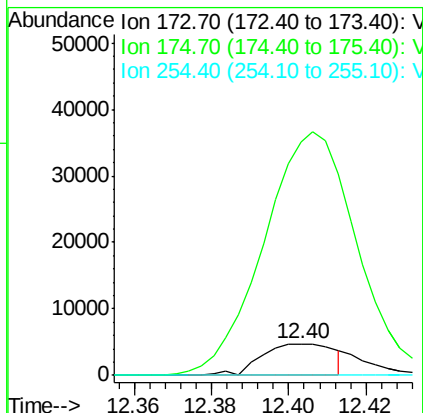
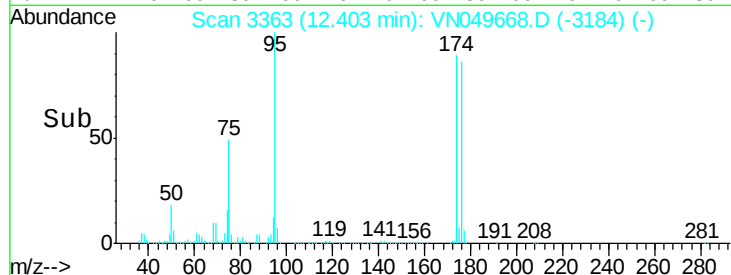
254 0.0 0.2 0.2#



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: VN049668.D

Acq: 2 Jul 2018 14:44

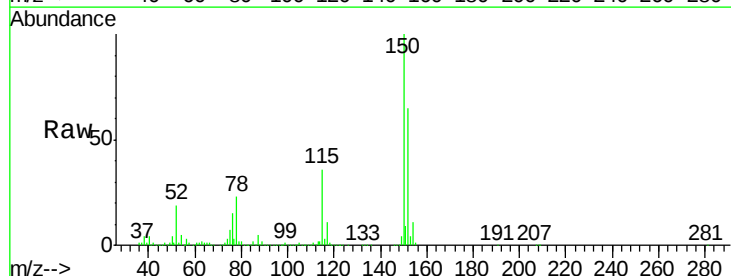
Tgt Ion:152 Resp: 826290

Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.2

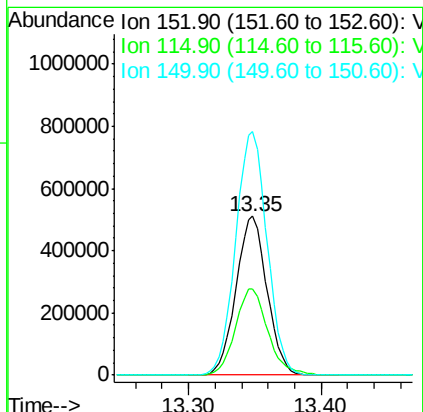
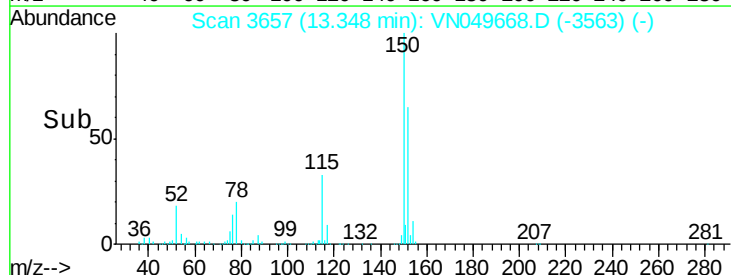
150 155.4 0.0 347.6

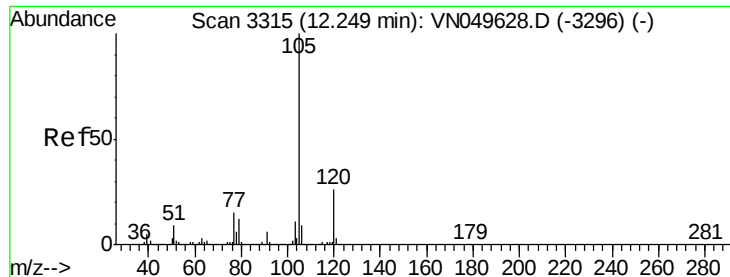


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.43 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

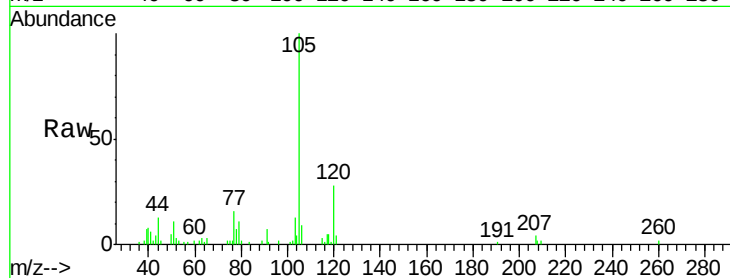
MW-3

Tot Ion:105 Resp: 28128

Ion Ratio Lower Upper

105 100

120 25.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

20000

15000

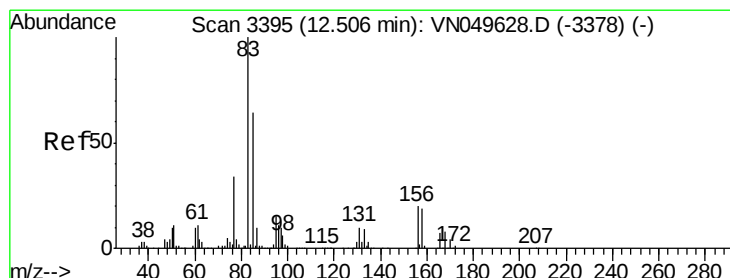
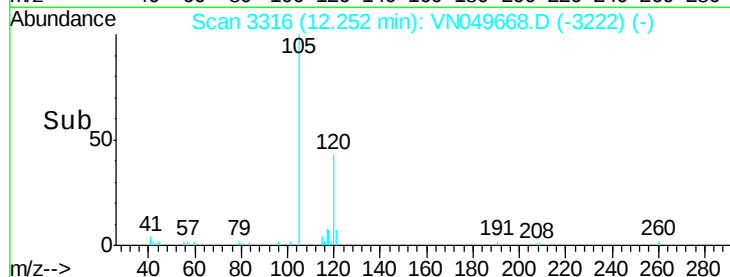
10000

5000

0

Time-->

12.20 12.25 12.30



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

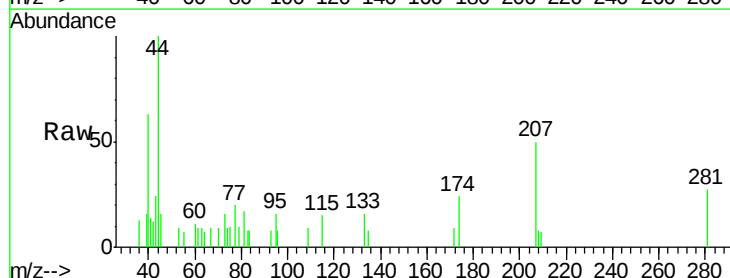
Tgt Ion: 83 Resp: 451

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 18.6 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO

12.51

400

300

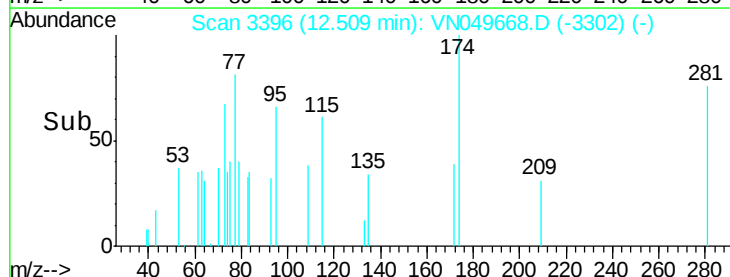
200

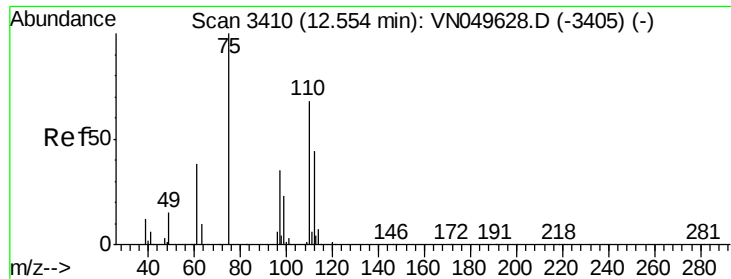
100

0

Time-->

12.50





#76

1,2,3-Trichloropropane

Concen: 33.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

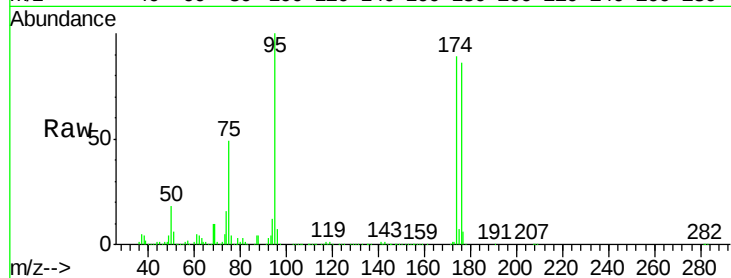
MW-3

Tot Ion: 75 Resp: 448254

Ion Ratio Lower Upper

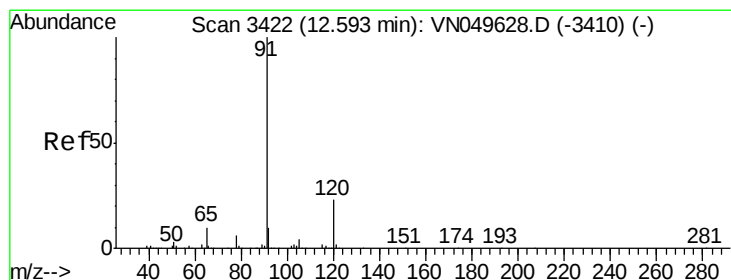
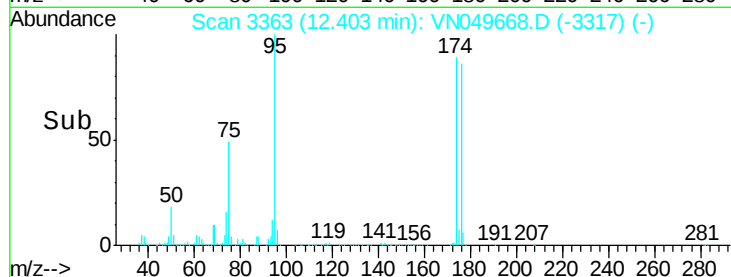
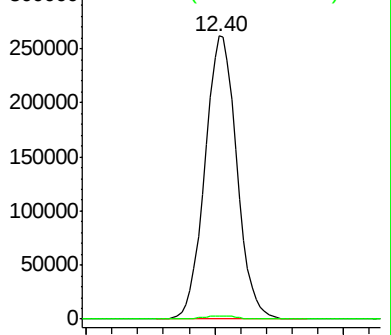
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.81 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049668.D

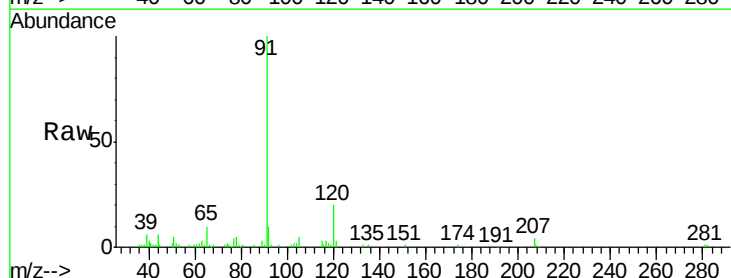
Acq: 2 Jul 2018 14:44

Tgt Ion: 91 Resp: 61051

Ion Ratio Lower Upper

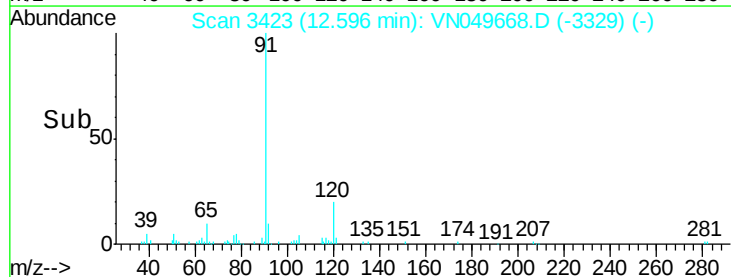
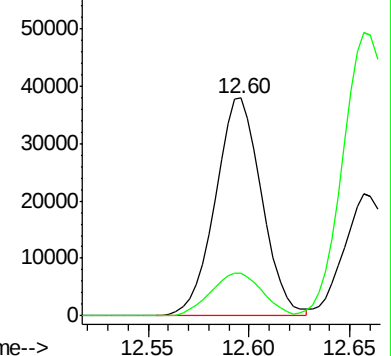
91 100

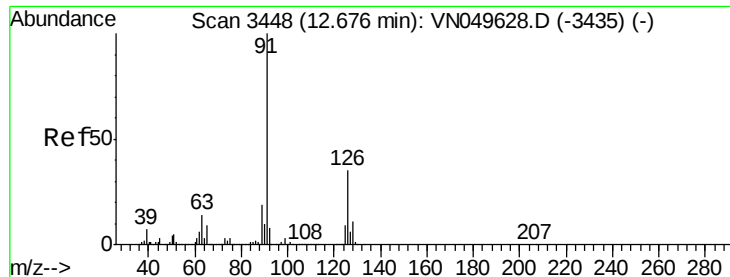
120 21.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

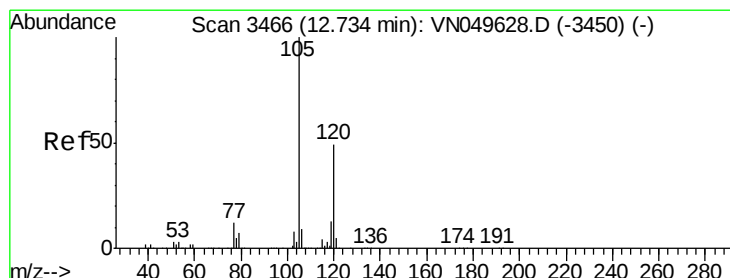
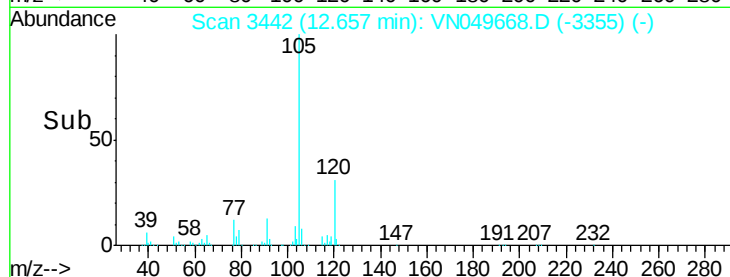
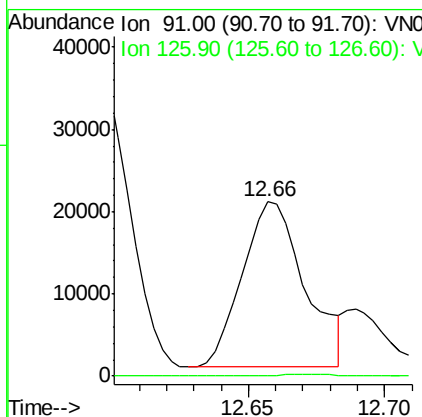
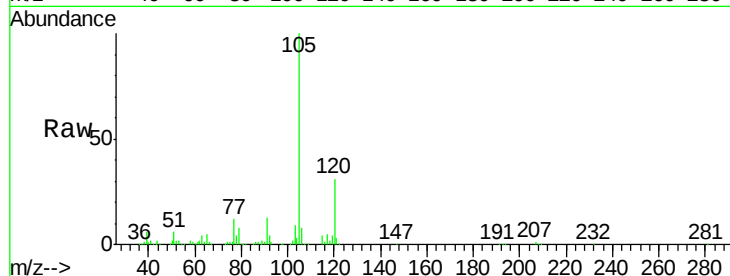




#79
 2-Chlorotoluene
 Concen: 0.67 ug/l
 RT: 12.66 min Scan# 3442
 Delta R.T. -0.02 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

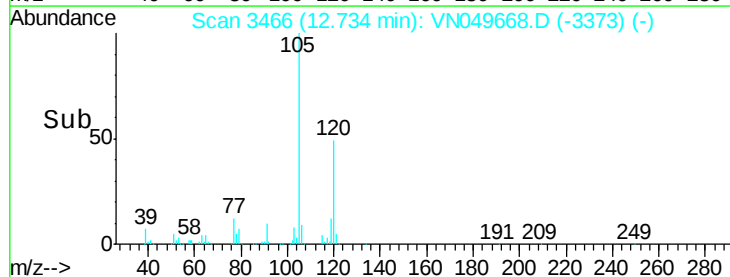
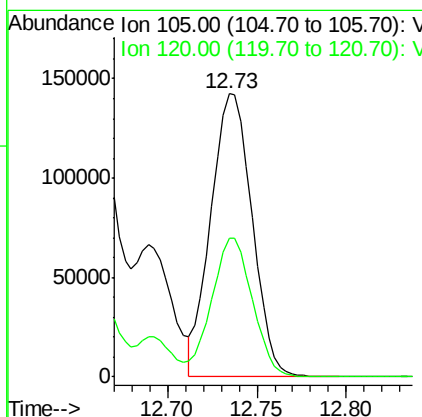
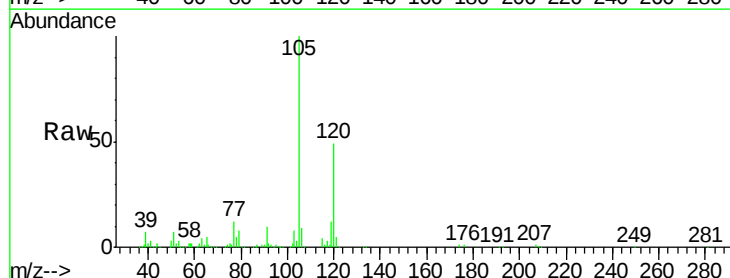
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

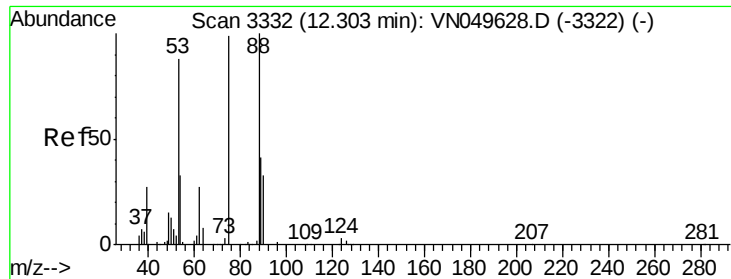
Tot Ion: 91 Resp: 32018
 Ion Ratio Lower Upper
 91 100
 126 0.7 17.5 52.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.16 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. -0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Tgt Ion: 105 Resp: 227797
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8

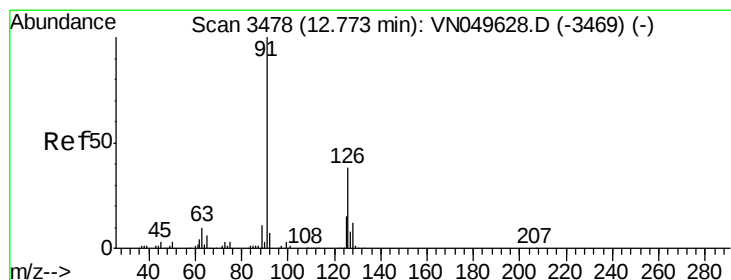
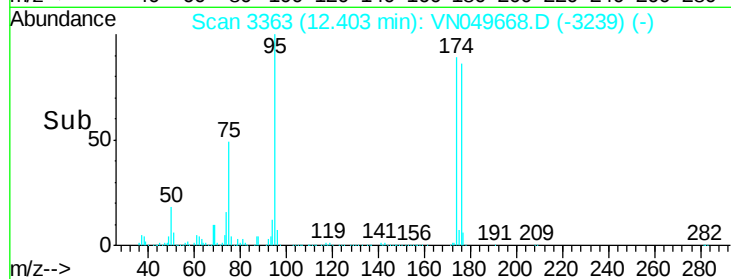
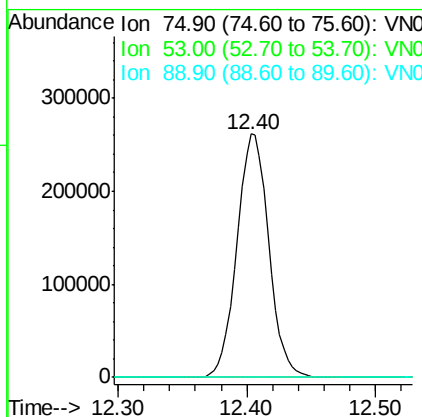
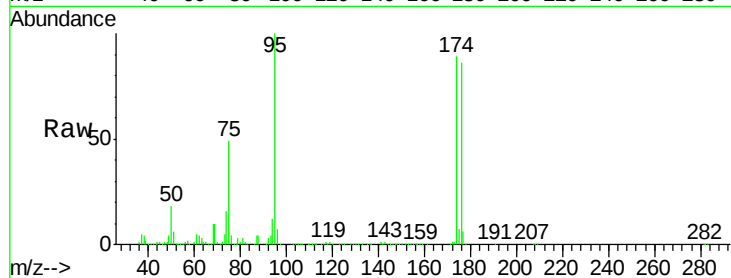




#81
trans-1,4-Dichloro-2-butene
Concen: 114.89 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

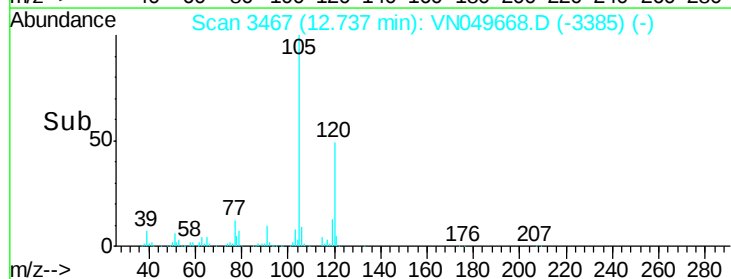
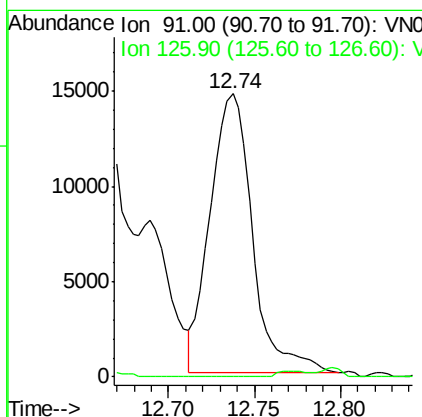
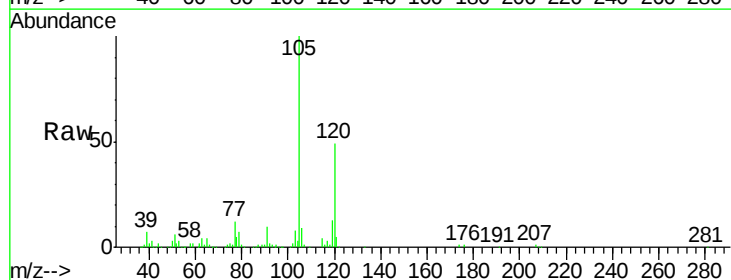
Instrument :
MSVOA_N
ClientSampled :
MW-3

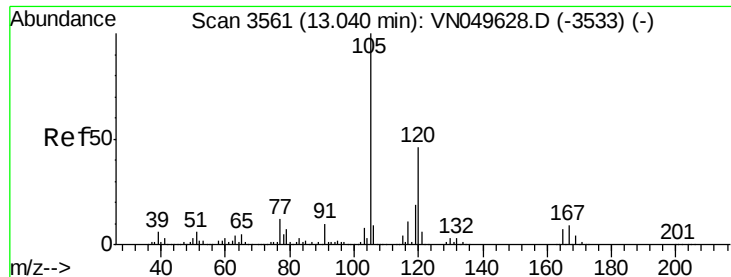
Tot Ion: 75 Resp: 448254
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 35.9 53.9#



#82
4-Chlorotoluene
Concen: 0.53 ug/l
RT: 12.74 min Scan# 3467
Delta R.T. -0.04 min
Lab File: VN049668.D
Acq: 2 Jul 2018 14:44

Tgt Ion: 91 Resp: 25226
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

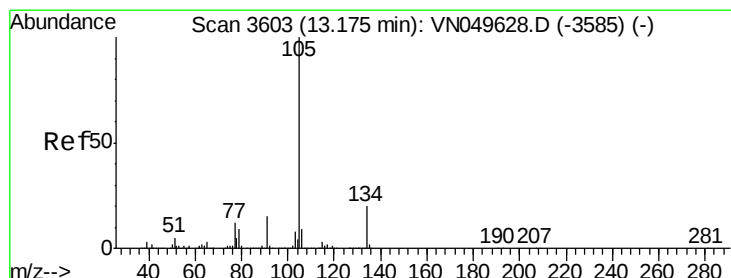
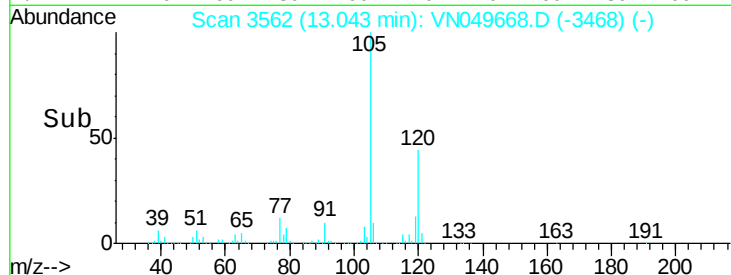
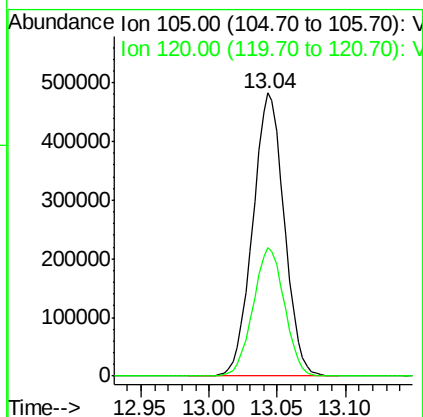
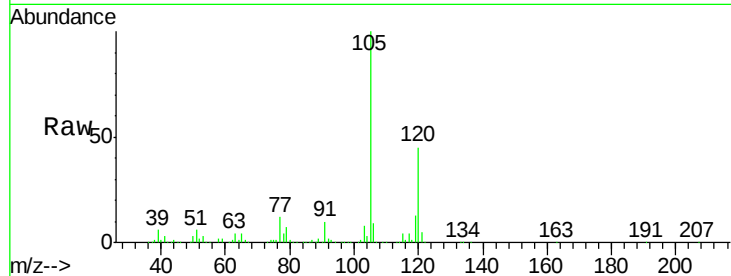




#84
 1,2,4-Trimethylbenzene
 Concen: 13.72 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

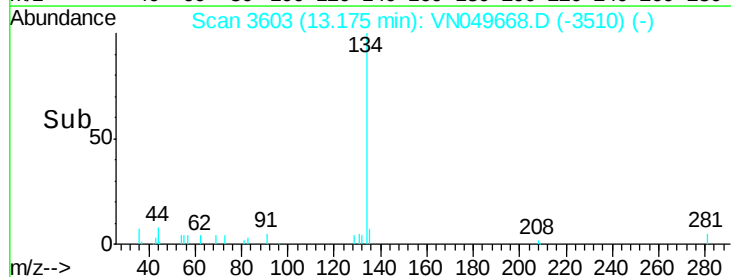
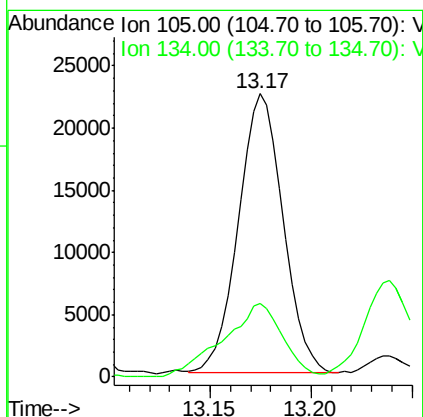
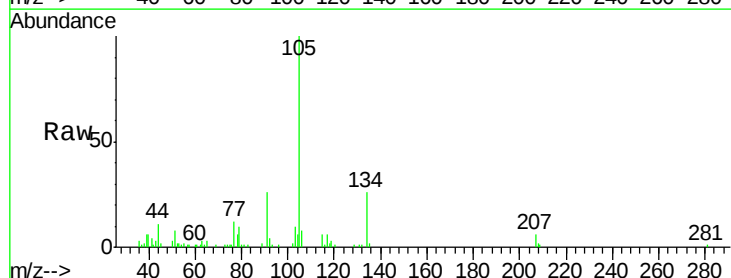
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

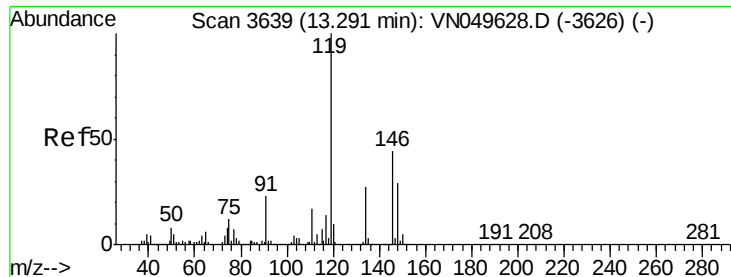
Tot Ion:105 Resp: 770960
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 0.56 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Tgt Ion:105 Resp: 34628
 Ion Ratio Lower Upper
 105 100
 134 34.8 10.1 30.1#

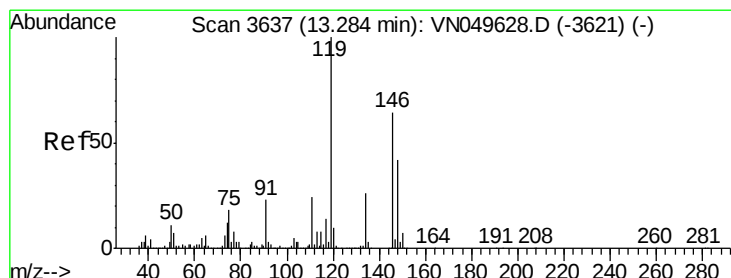
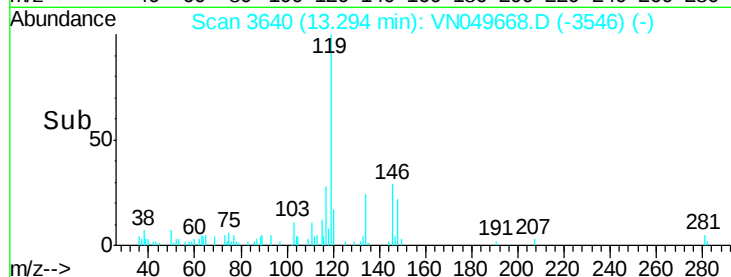
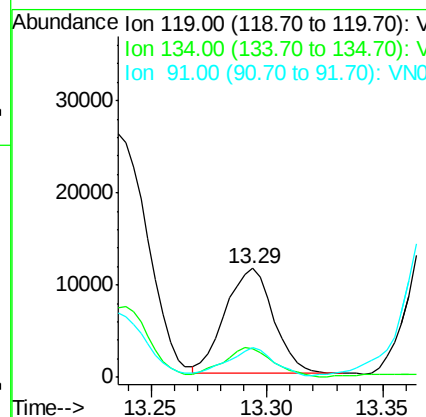
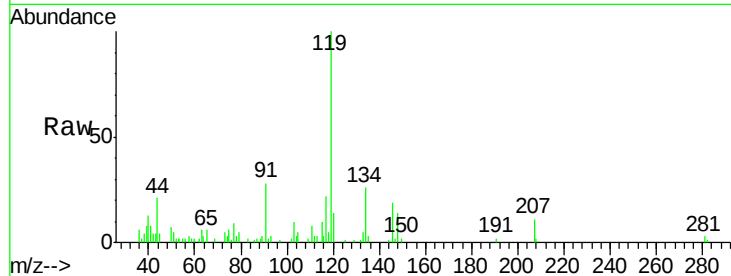




#86
 p-Isopropyltoluene
 Concen: 0.31 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

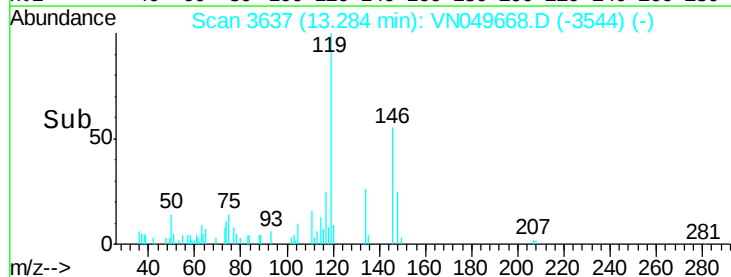
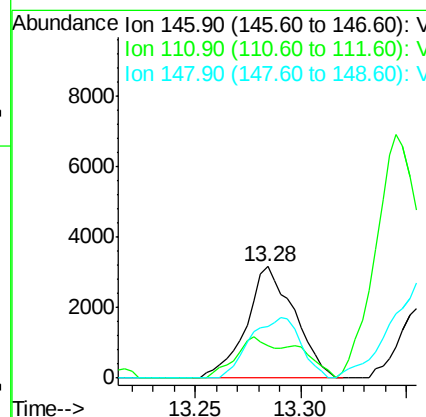
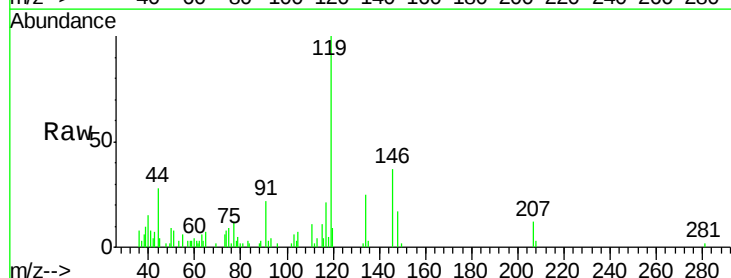
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

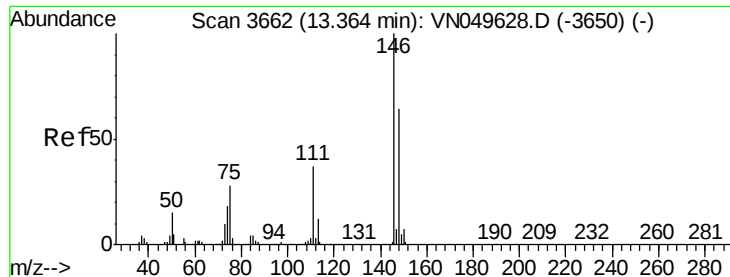
Tot Ion:119 Resp: 16585
 Ion Ratio Lower Upper
 119 100
 134 29.7 13.3 39.9
 91 24.5 11.4 34.1



#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Tgt Ion:146 Resp: 4996
 Ion Ratio Lower Upper
 146 100
 111 27.3 19.0 57.0
 148 57.2 32.5 97.5

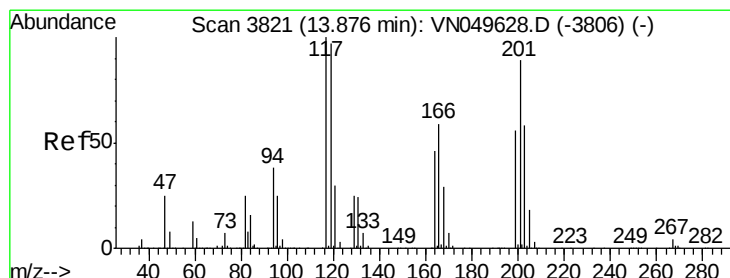
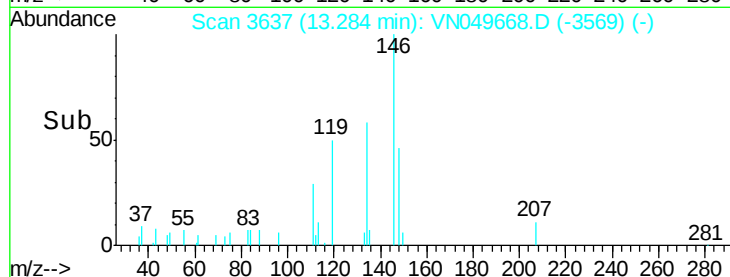
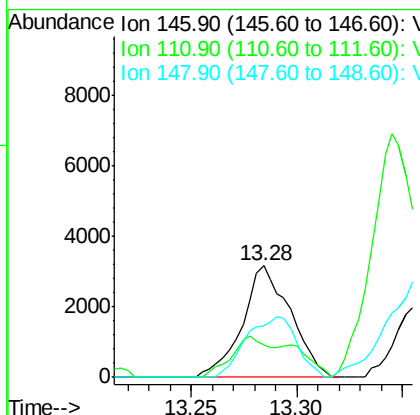
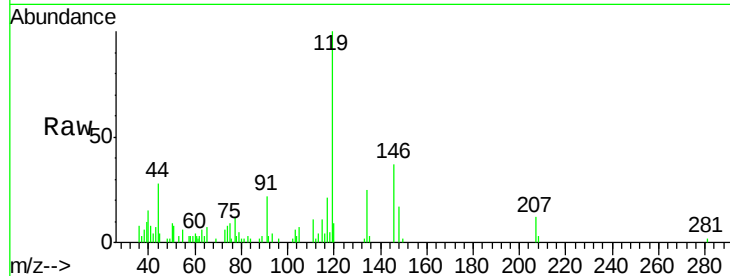




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

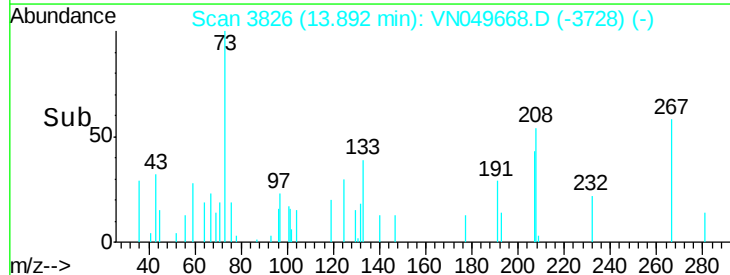
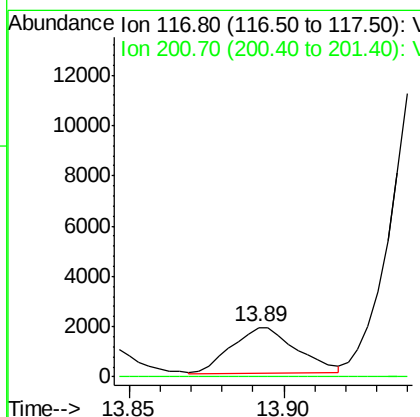
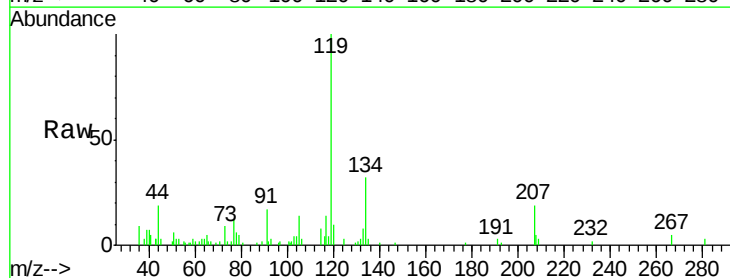
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

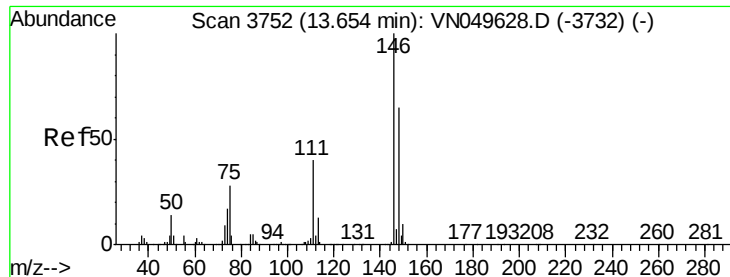
Tot Ion:146 Resp: 4996
 Ion Ratio Lower Upper
 146 100
 111 27.3 18.9 56.5
 148 57.2 32.1 96.3



#90
 Hexachloroethane
 Concen: 0.48 ug/l
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Tgt Ion:117 Resp: 2704
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.3 135.8#

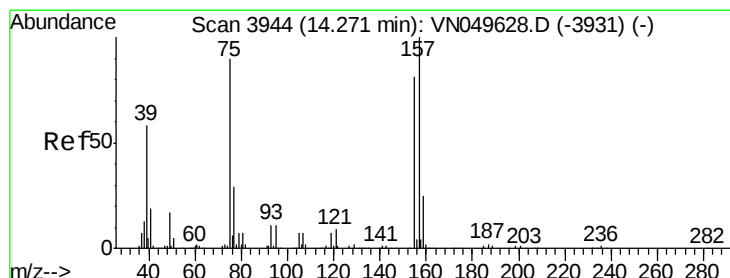
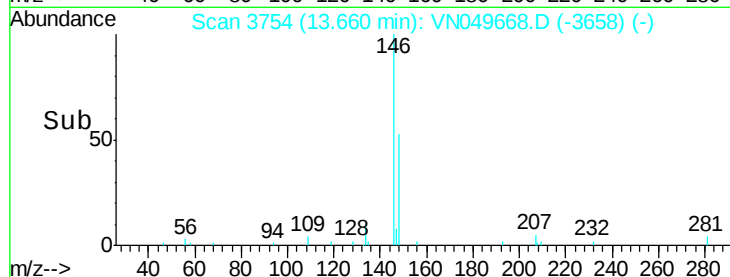
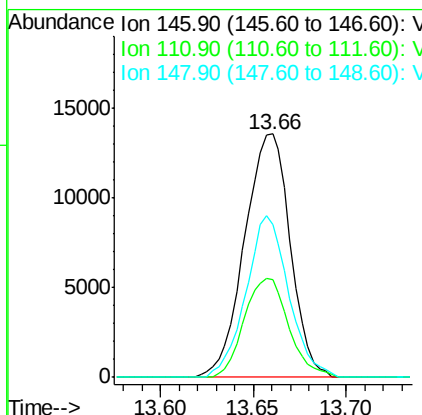
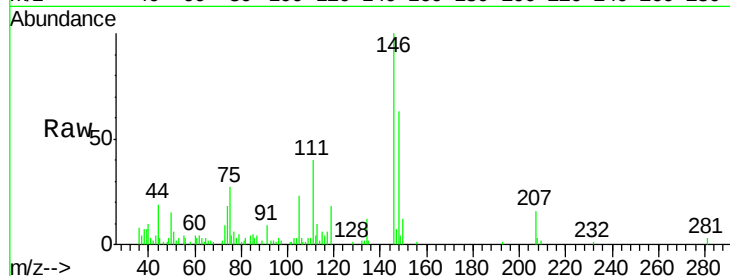




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.66 min Scan# 3754
 Delta R.T. 0.01 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

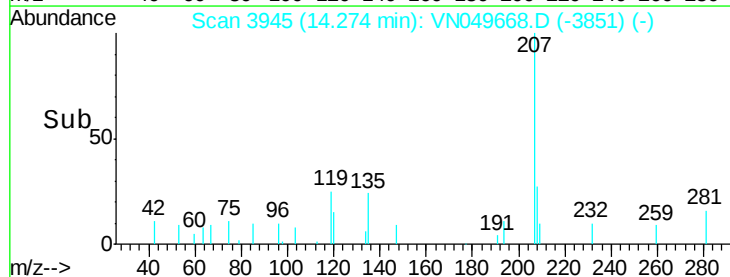
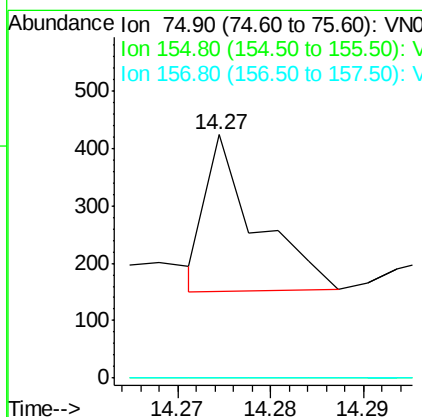
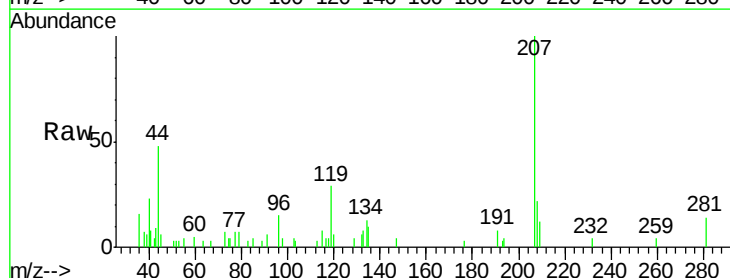
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

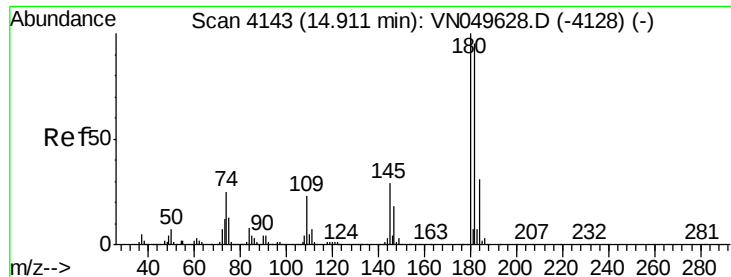
Tot Ion:146 Resp: 23344
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.1
 148 62.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049668.D
 Acq: 2 Jul 2018 14:44

Tgt Ion: 75 Resp: 102
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.7 137.1#
 157 0.0 56.9 170.7#





#93

1,2,4-Trichlorobenzene

Concen: 2.51 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

MW-3

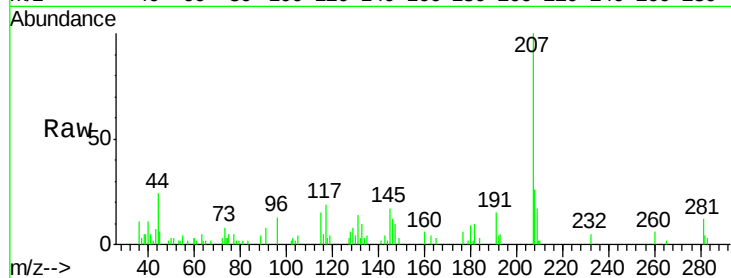
Tot Ion:180 Resp: 1643

Ion Ratio Lower Upper

180 100

182 86.1 47.3 141.9

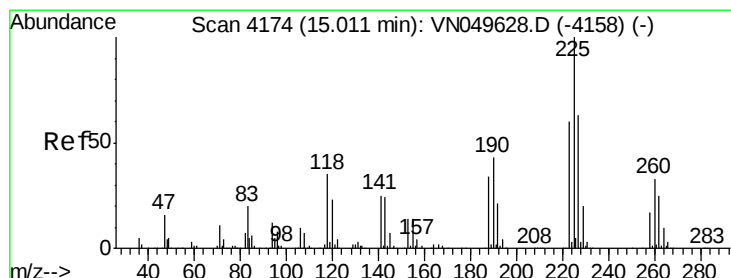
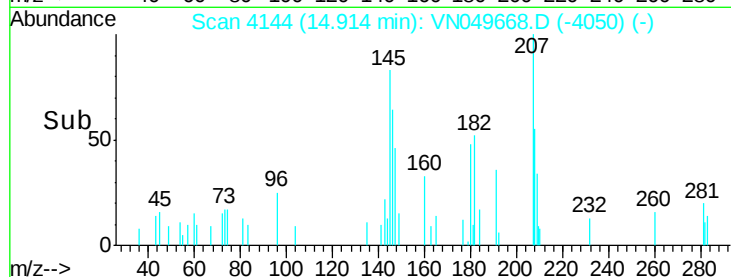
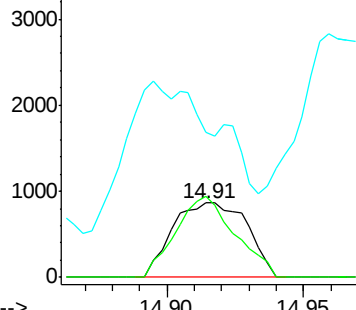
145 208.9 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.03 min Scan# 4180

Delta R.T. 0.02 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

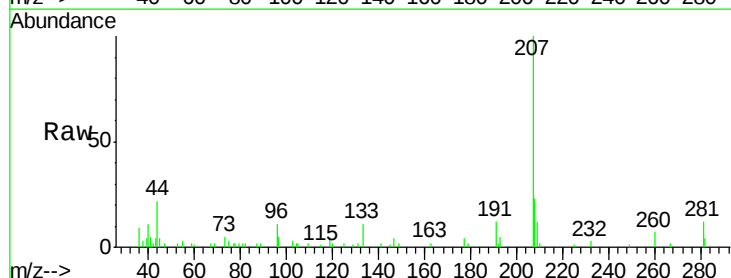
Tgt Ion:225 Resp: 60

Ion Ratio Lower Upper

225 100

223 183.3 30.9 92.7#

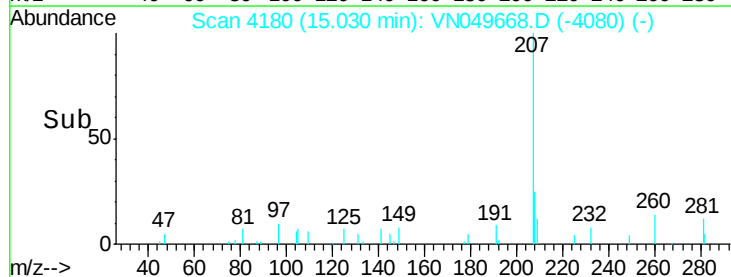
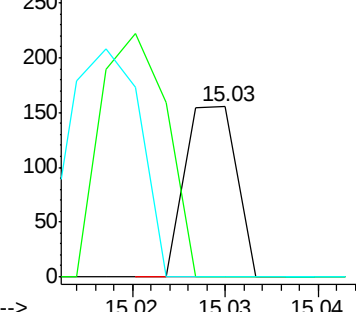
227 180.0 31.8 95.4#

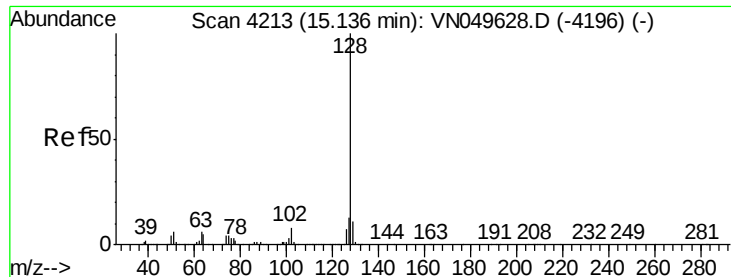


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.31 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

MW-3

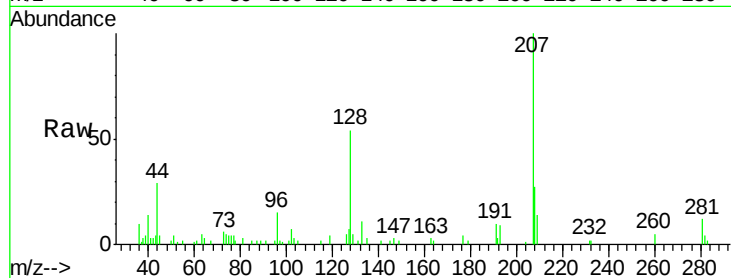
Tot Ion:128 Resp: 9784

Ion Ratio Lower Upper

128 100

127 18.0 10.4 15.6#

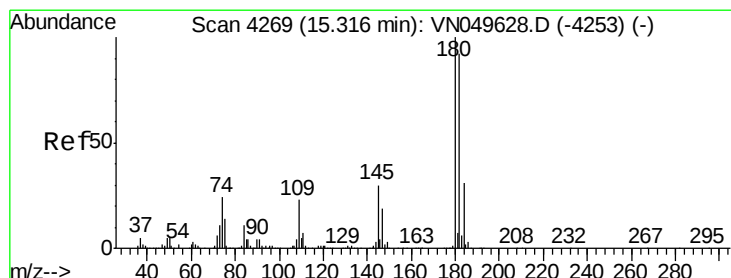
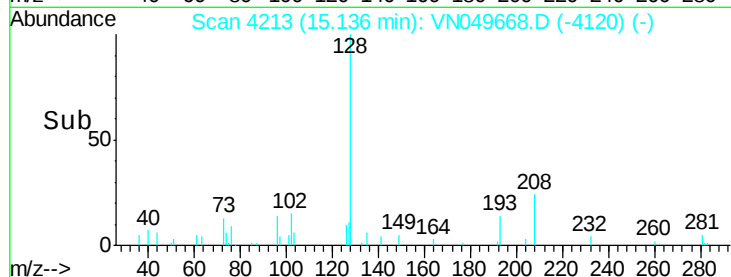
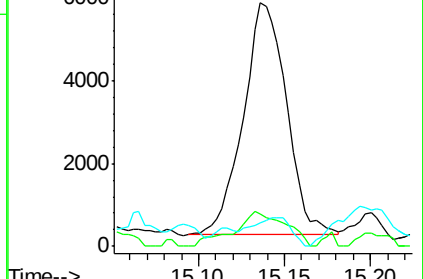
129 11.3 8.6 13.0



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: 1.73 ug/l

RT: 15.33 min Scan# 4274

Delta R.T. 0.02 min

Lab File: VN049668.D

Acq: 2 Jul 2018 14:44

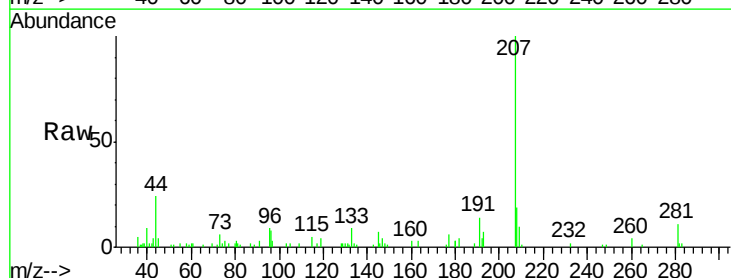
Tgt Ion:180 Resp: 1275

Ion Ratio Lower Upper

180 100

182 87.2 47.4 142.2

145 0.0 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

