

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049665.D
 Acq On : 2 Jul 2018 13:26
 Operator : MD\SY
 Sample : J3752-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Jul 03 04:10:24 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	1382440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2118289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1765976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	664683	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	881234	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
35) Dibromofluoromethane	7.59	113	769780	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	10.09	98	2903895	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	12.40	95	829618	39.20	ug/l	0.00
Spiked Amount			Recovery	=	78.40%	

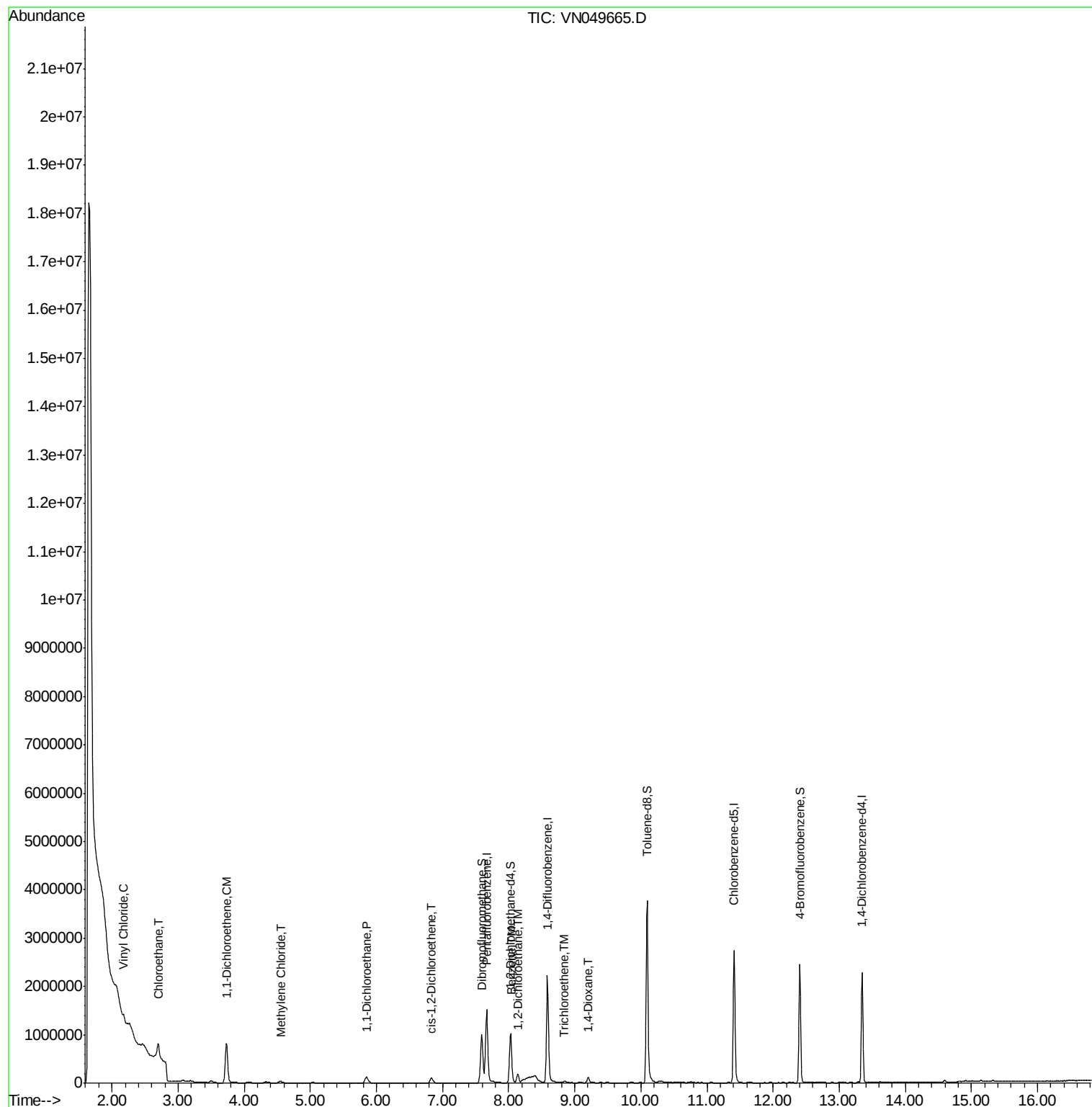
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	96984	4.64	ug/l	98
6) Chloroethane	2.70	64	220250	16.65	ug/l	98
12) 1,1-Dichloroethene	3.73	96	451001	27.78	ug/l	98
20) Methylene Chloride	4.55	84	23824	1.27	ug/l	97
24) 1,1-Dichloroethane	5.85	63	191909	6.04	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	64460	3.45	ug/l	89
40) Benzene	8.05	78	16766	0.23	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	35179	1.51	ug/l	99
44) Trichloroethene	8.83	130	5283	0.24	ug/l	92
49) 1,4-Dioxane	9.20	88	89773	540.59	ug/l	93

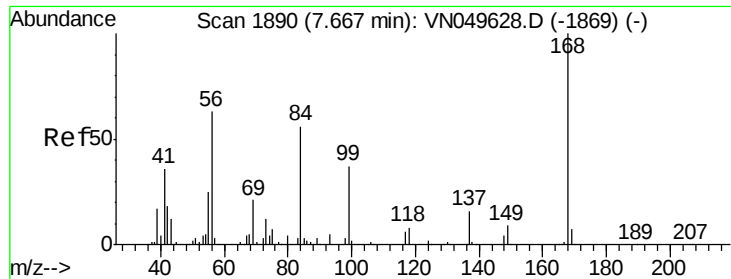
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
Data File : VN049665.D
Acq On : 2 Jul 2018 13:26
Operator : MD\SY
Sample : J3752-01DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Quant Time: Jul 03 04:10:24 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampled :

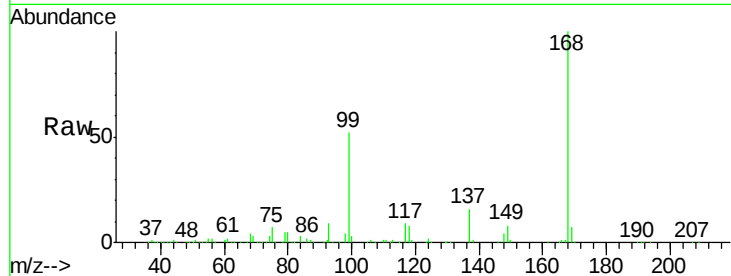
MW-1DL

Tot Ion:168 Resp: 1382440

Ion Ratio Lower Upper

168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

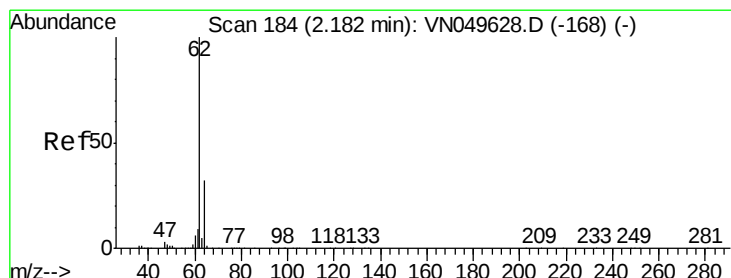
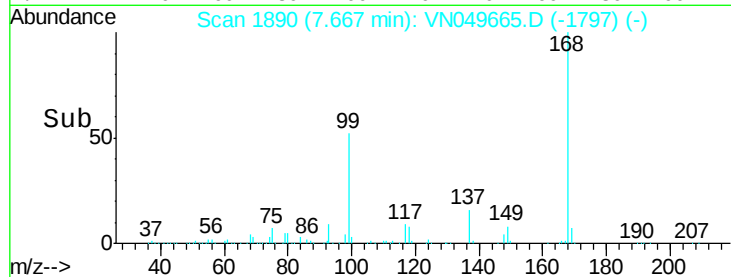
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 4.64 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049665.D

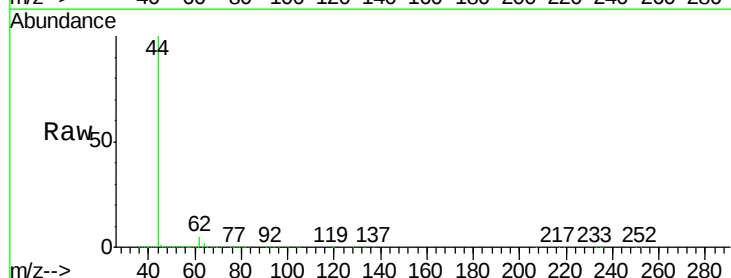
Acq: 2 Jul 2018 13:26

Tgt Ion: 62 Resp: 96984

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

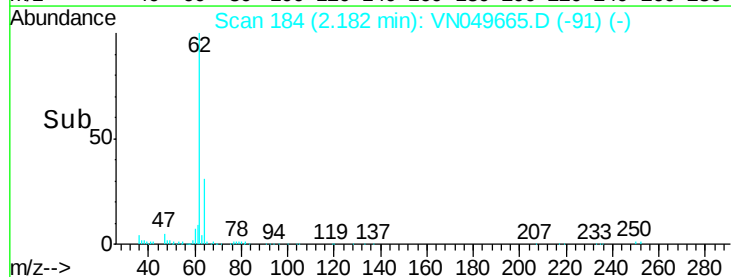
60000

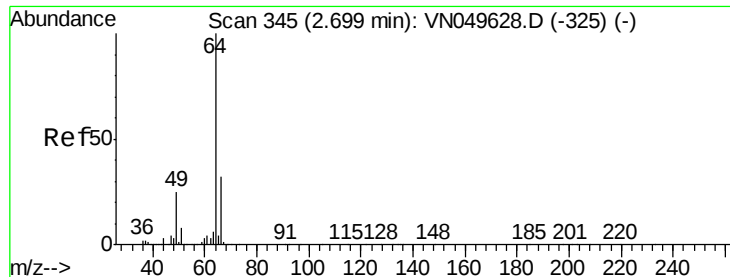
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#6

Chloroethane

Concen: 16.65 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampled :

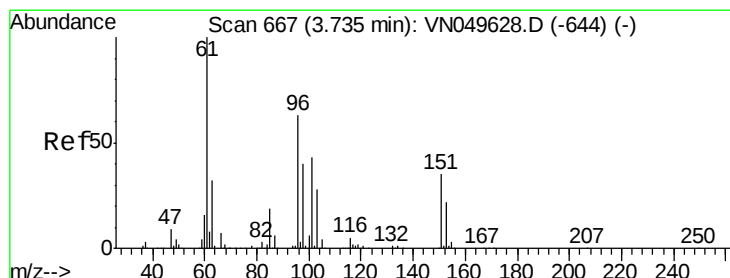
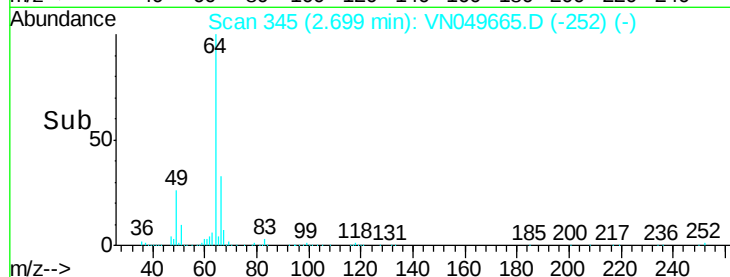
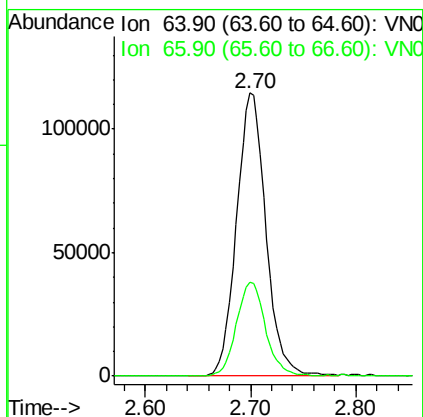
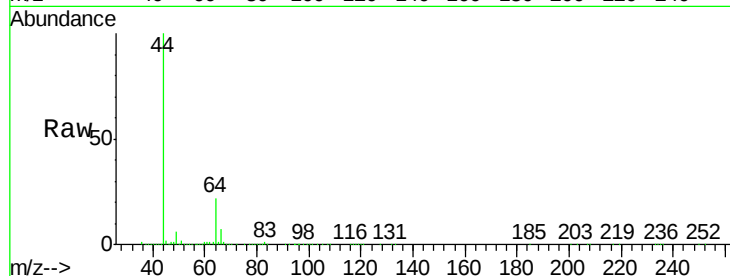
MW-1DL

Tot Ion: 64 Resp: 220250

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



#12

1,1-Dichloroethene

Concen: 27.78 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

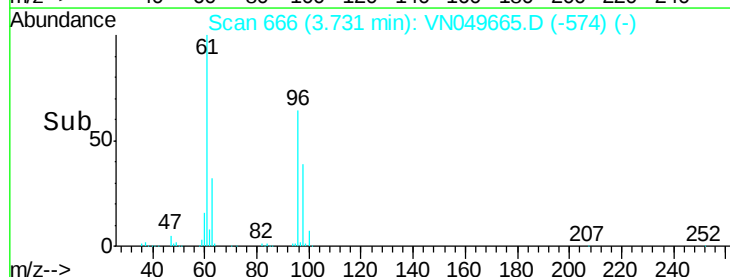
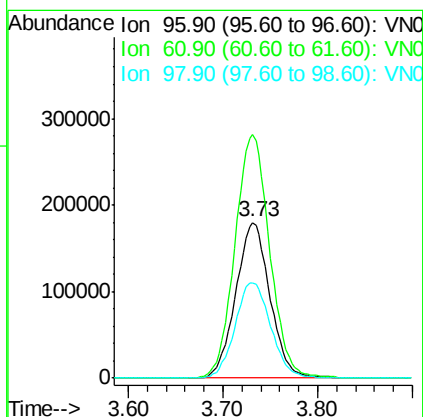
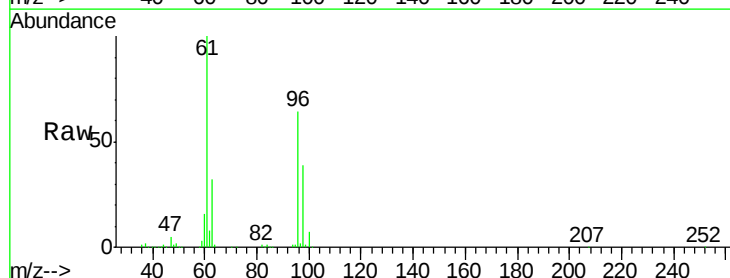
Tgt Ion: 96 Resp: 451001

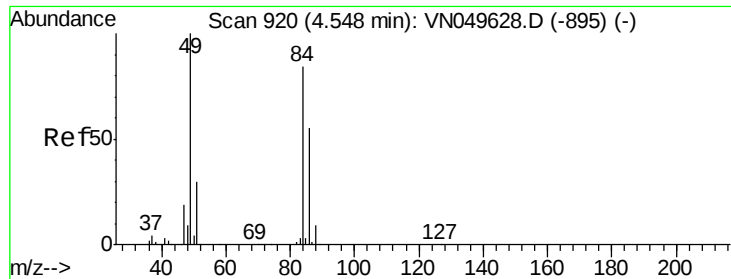
Ion Ratio Lower Upper

96 100

61 156.4 126.5 189.7

98 61.5 51.0 76.6

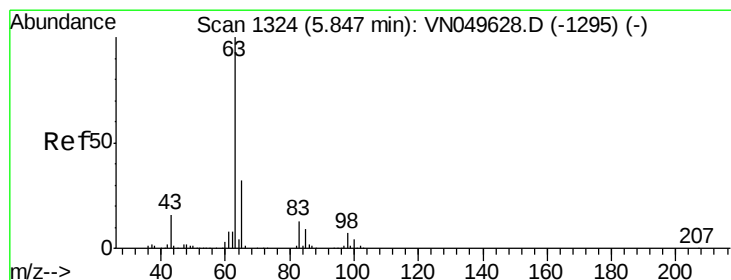
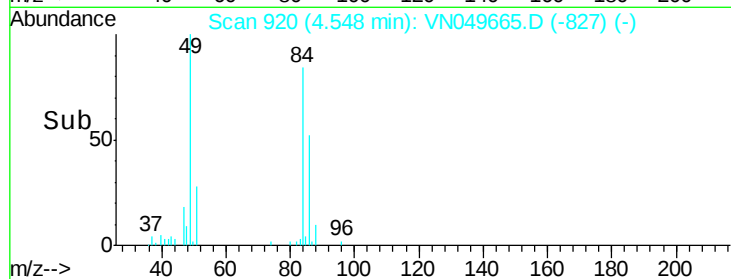
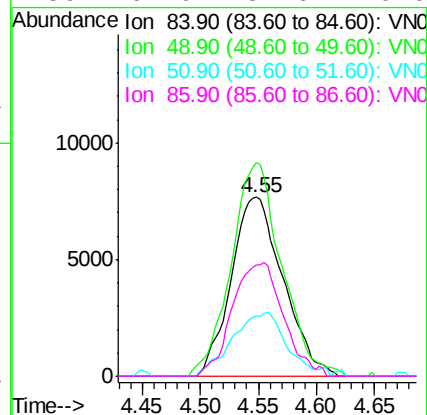
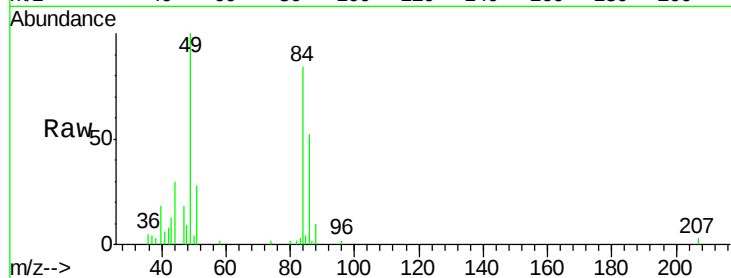




#20
Methvlene Chloride
Concen: 1.27 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

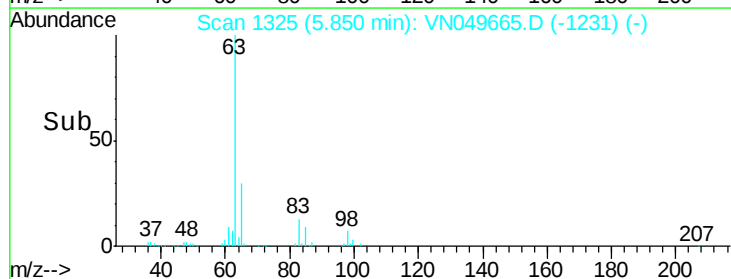
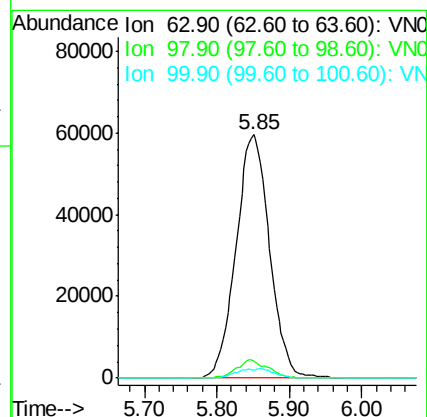
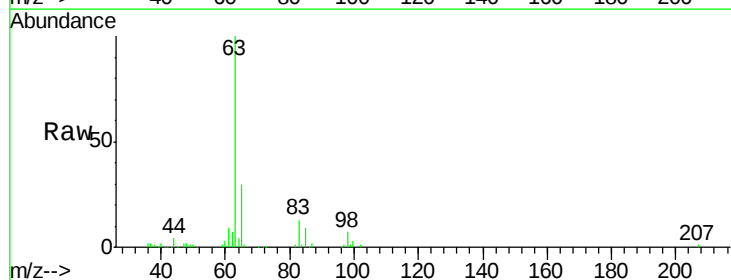
Instrument :
MSVOA_N
ClientSampled :
MW-1DL

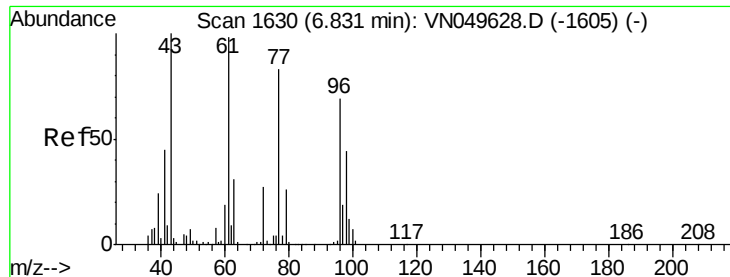
Tot Ion: 84 Resp: 23824
Ion Ratio Lower Upper
84 100
49 117.0 95.4 143.2
51 33.3 28.4 42.6
86 61.9 52.6 79.0



#24
1,1-Dichloroethane
Concen: 6.04 ug/l
RT: 5.85 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

Tgt Ion: 63 Resp: 191909
Ion Ratio Lower Upper
63 100
98 7.2 3.4 10.2
100 3.5 2.2 6.6

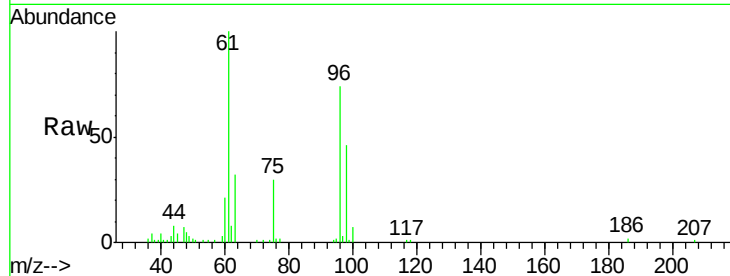




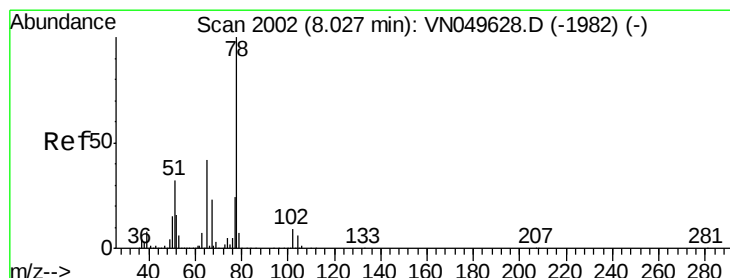
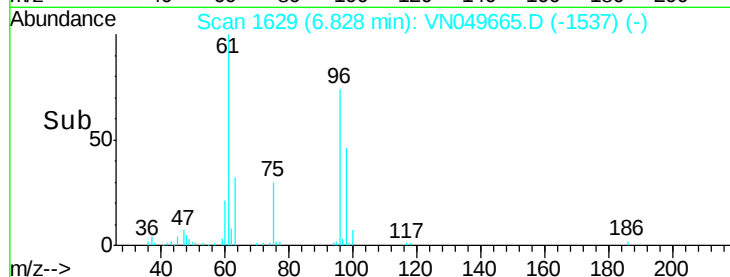
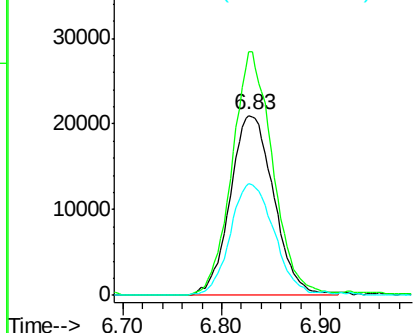
#27
 cis-1,2-Dichloroethene
 Concen: 3.45 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Tot Ion: 96 Resp: 64460
 Ion Ratio Lower Upper
 96 100
 61 126.3 0.0 289.0
 98 62.6 0.0 130.2

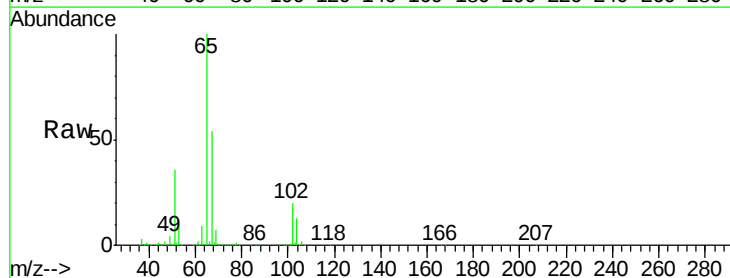


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

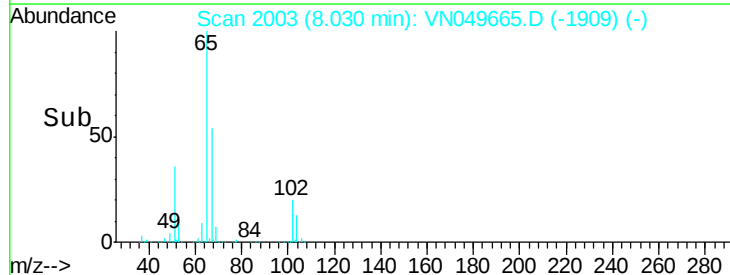
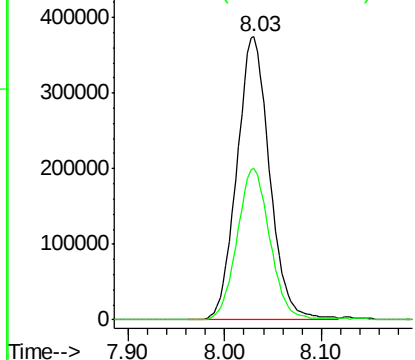


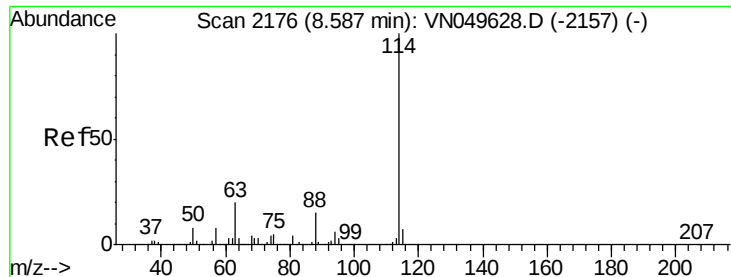
#33
 1,2-Dichloroethane-d4
 Concen: 48.27 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Tgt Ion: 65 Resp: 881234
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0



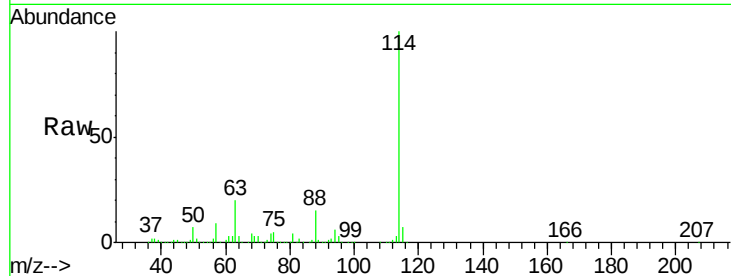


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

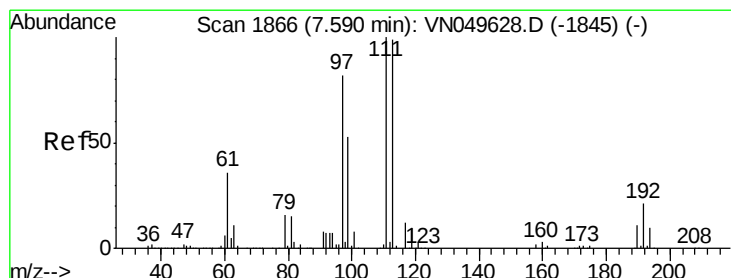
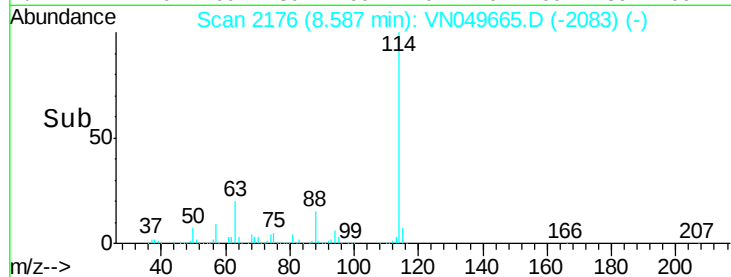
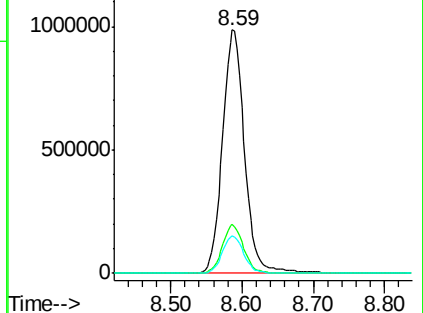
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1DL

Tot Ion:114 Resp: 2118289

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.2	0.0	30.6



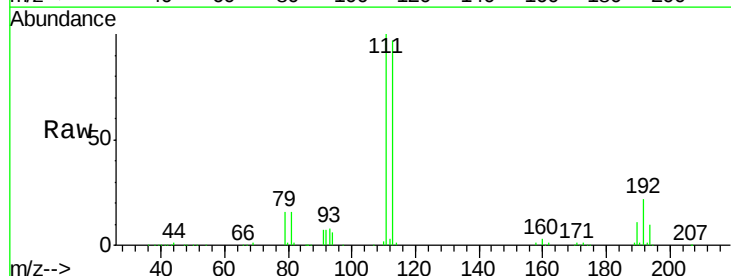
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



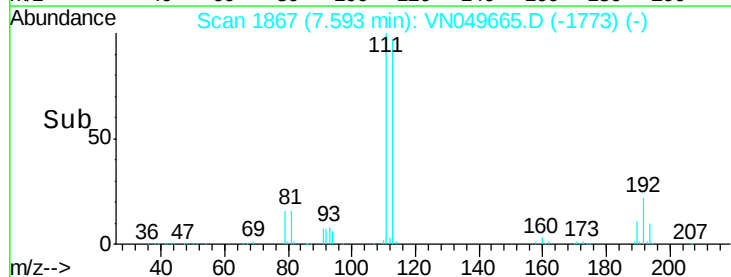
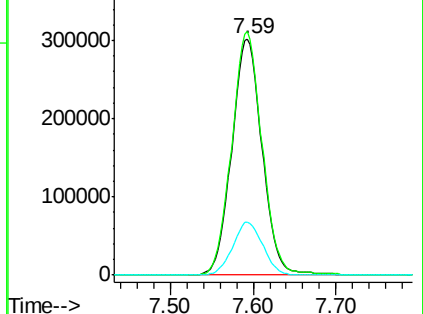
#35
 Dibromofluoromethane
 Concen: 48.61 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

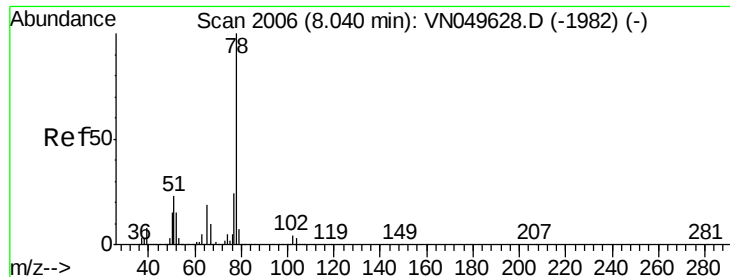
Tgt Ion:113 Resp: 769780

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	22.2	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





#40

Benzene

Concen: 0.23 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

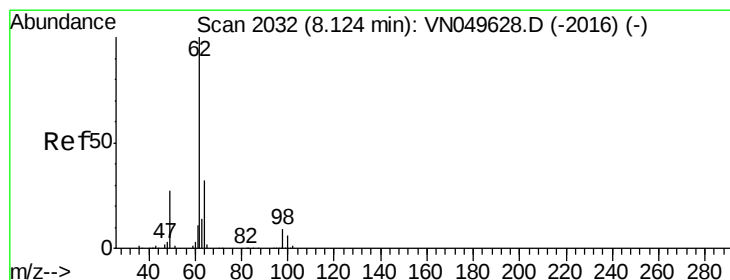
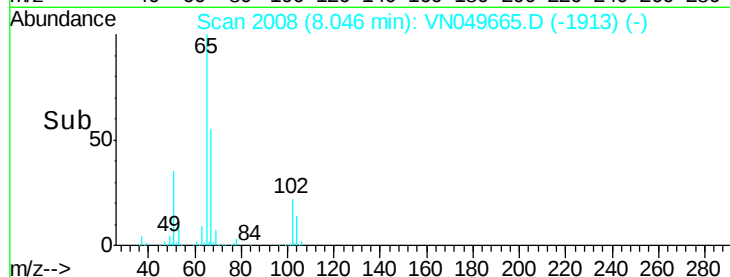
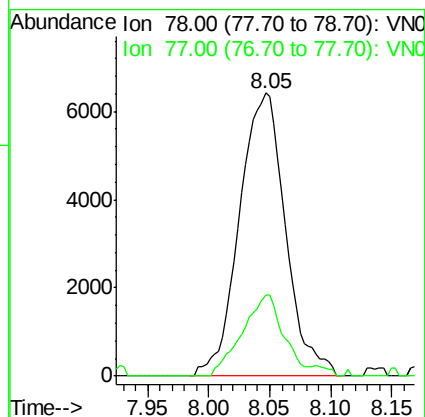
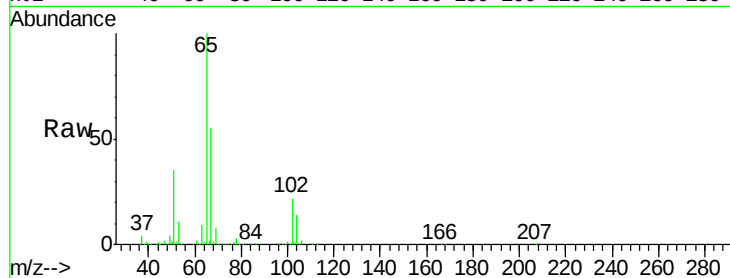
MW-1DL

Tot Ion: 78 Resp: 16766

Ion Ratio Lower Upper

78 100

77 28.9 19.0 28.4#



#42

1,2-Dichloroethane

Concen: 1.51 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN049665.D

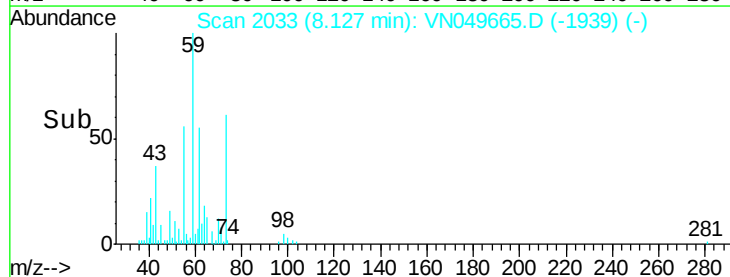
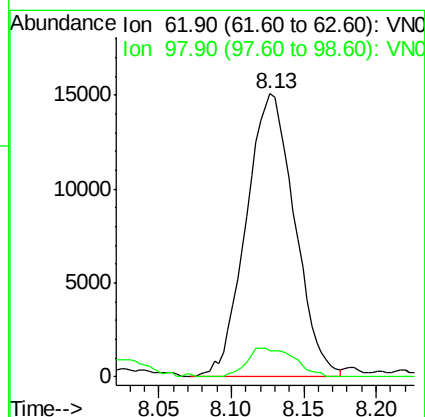
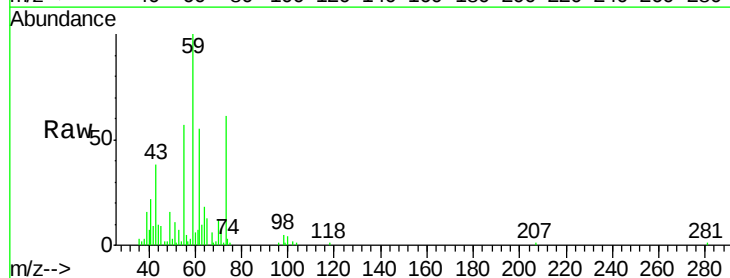
Acq: 2 Jul 2018 13:26

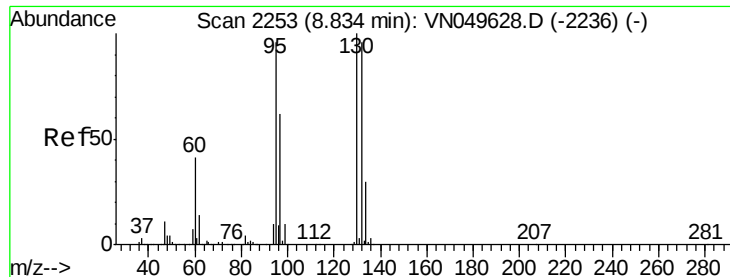
Tgt Ion: 62 Resp: 35179

Ion Ratio Lower Upper

62 100

98 9.8 0.0 19.0





#44

Trichloroethene

Concen: 0.24 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampled :

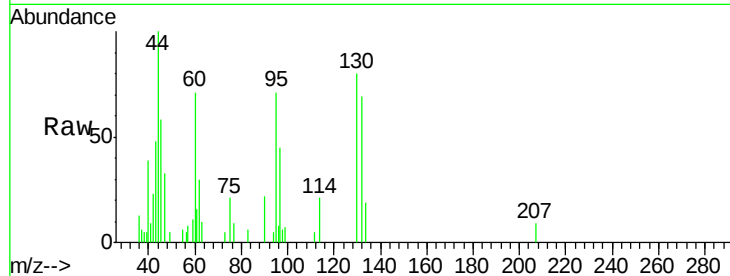
MW-1DL

Tot Ion:130 Resp: 5283

Ion Ratio Lower Upper

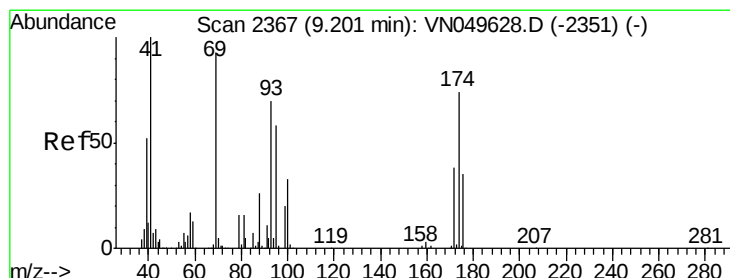
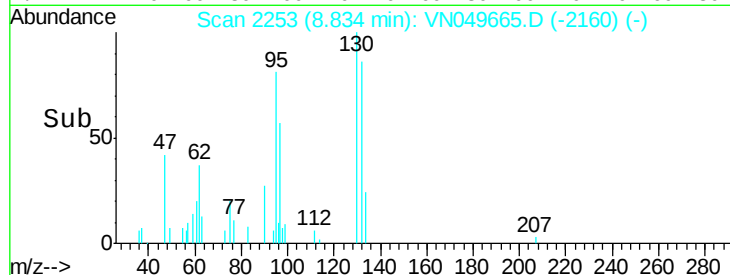
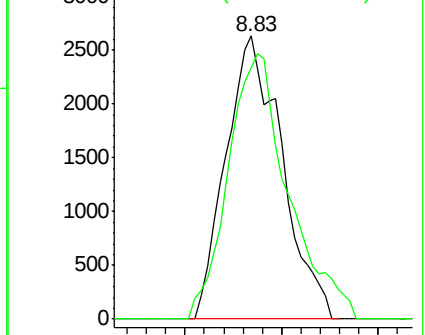
130 100

95 88.7 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#49

1,4-Dioxane

Concen: 540.59 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

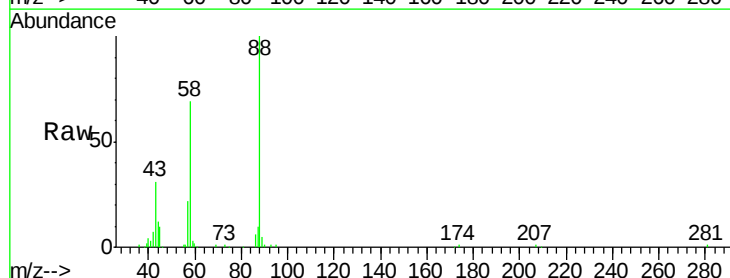
Tgt Ion: 88 Resp: 89773

Ion Ratio Lower Upper

88 100

43 26.8 25.1 37.7

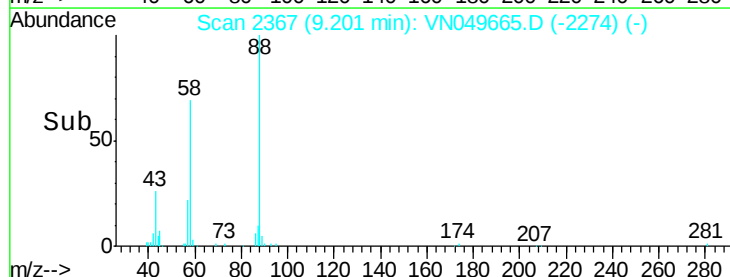
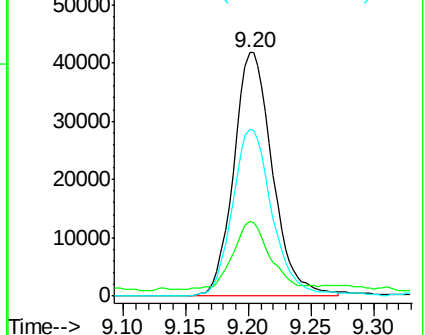
58 70.9 52.5 78.7

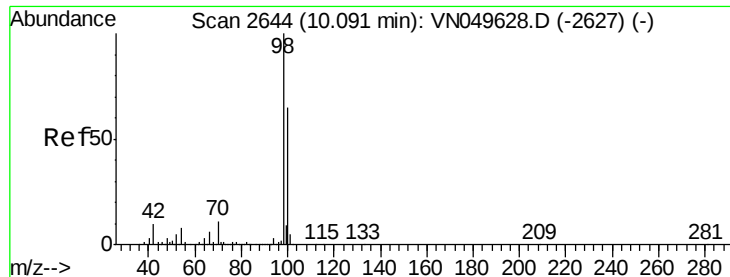


Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#50

Toluene-d8

Concen: 46.85 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

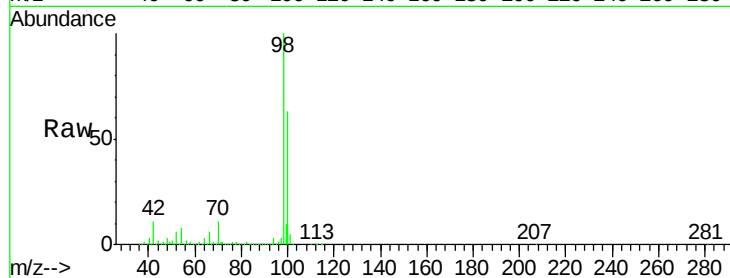
MW-1DL

Tot Ion: 98 Resp: 2903895

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049628.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049628.D (-2627) (-)

10.09

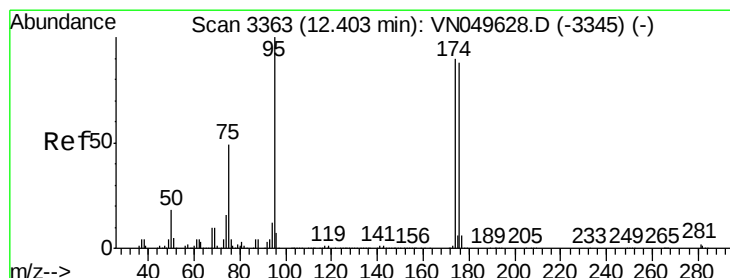
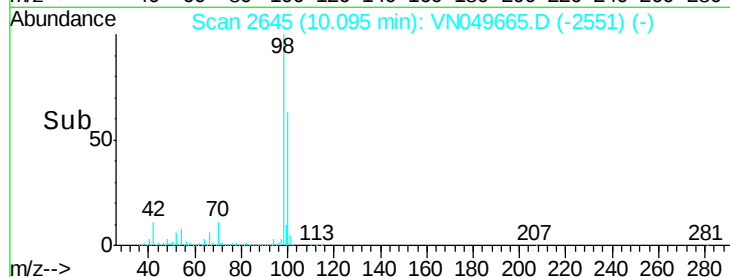
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

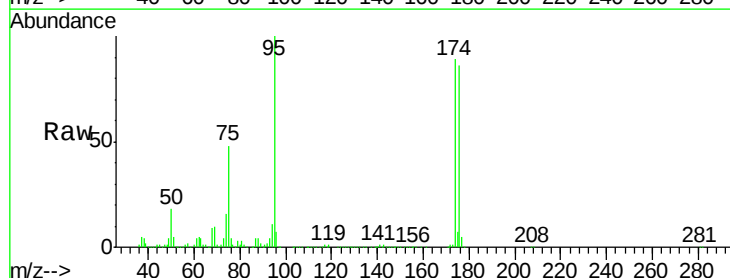
Tgt Ion: 95 Resp: 829618

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.6

176 87.5 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

Ion 173.80 (173.50 to 174.50): VN049628.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049628.D (-3345) (-)

12.40

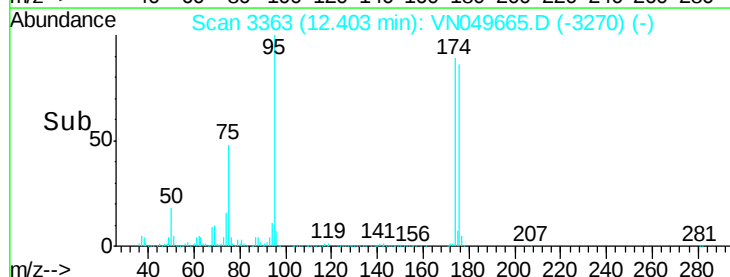
600000

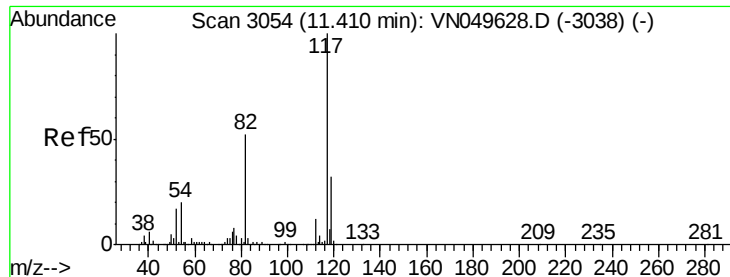
400000

200000

0

Time-->

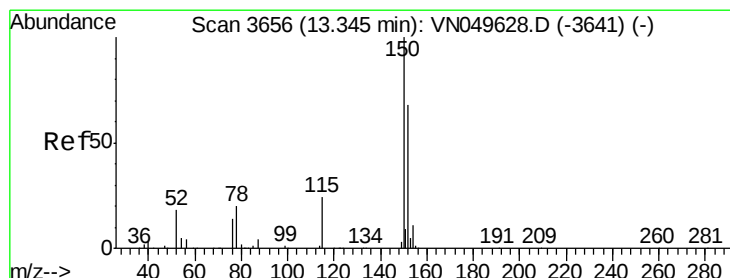
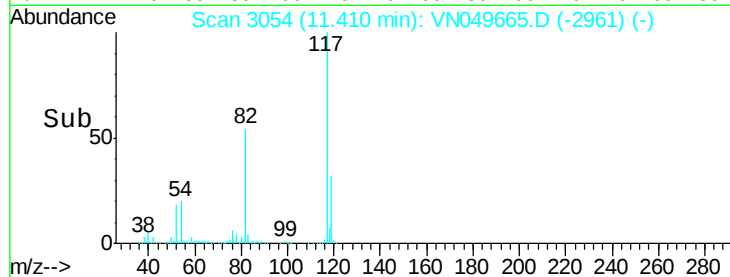
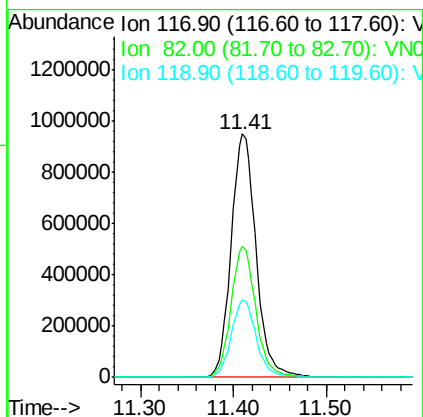
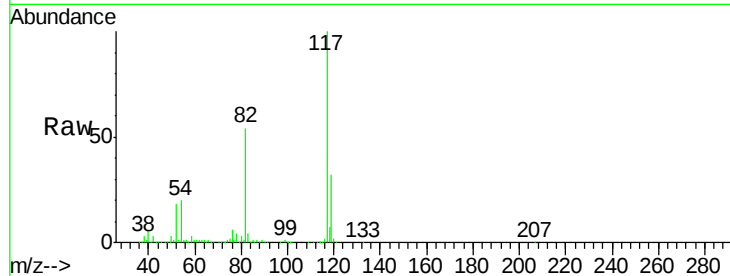




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tot Ion:117 Resp: 1765976
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

Tgt Ion:152 Resp: 664683
Ion Ratio Lower Upper
152 100
115 56.2 28.1 84.2
150 155.4 0.0 347.6

