

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049381.D
 Acq On : 19 Jun 2018 8:24
 Operator : MD\SY
 Sample : J3432-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-42R(I-2R)R

Quant Time: Jun 19 11:18:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1457671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2133727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1825362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	680970	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	872511	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
35) Dibromofluoromethane	7.59	113	786240	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
50) Toluene-d8	10.09	98	3032765	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	12.40	95	894497	41.16	ug/l	0.00
Spiked Amount			Recovery	=	82.32%	

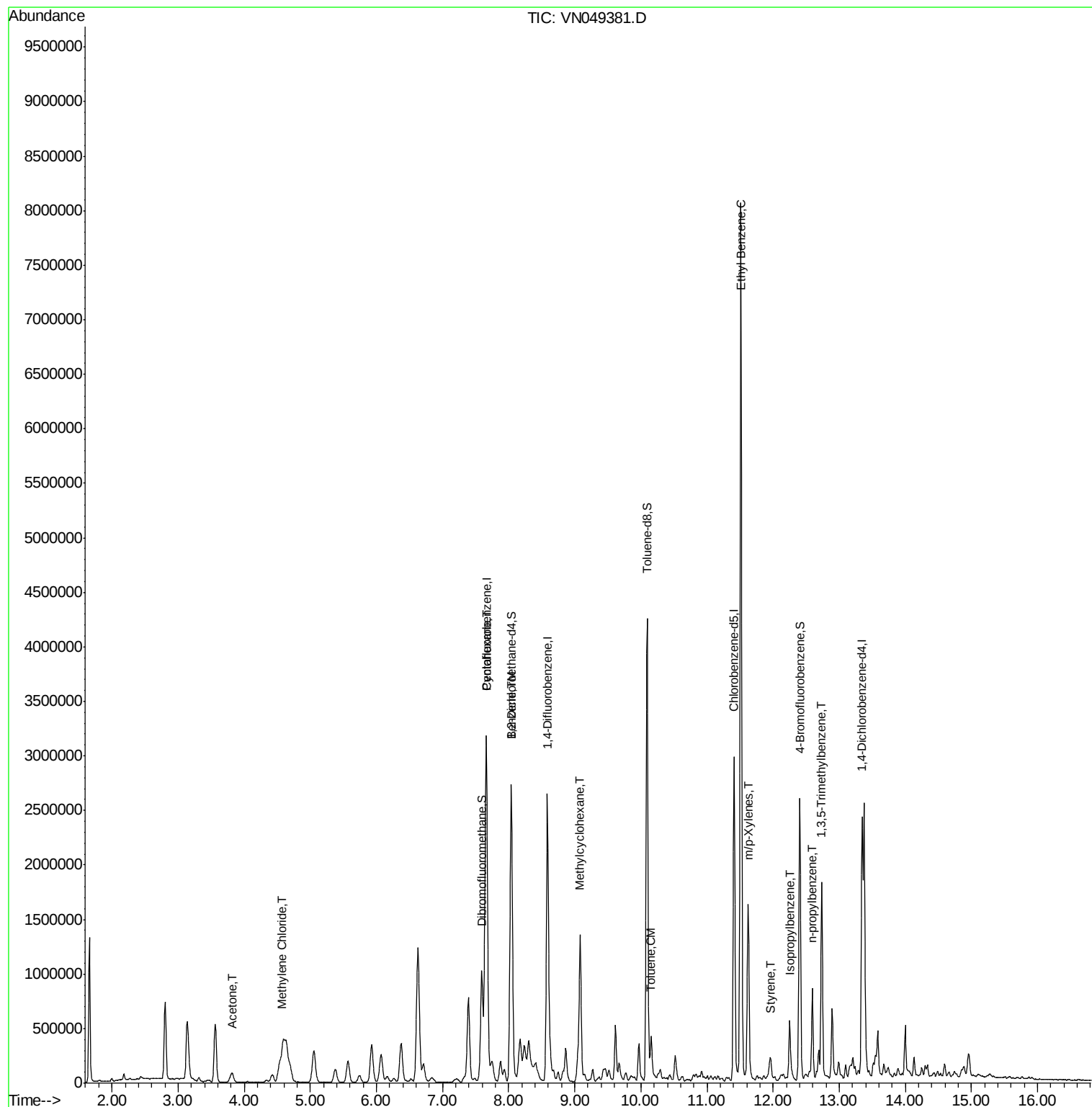
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	126272	26.899	ug/l	97
20) Methylene Chloride	4.55	84	67053	3.420	ug/l	85
31) Cyclohexane	7.65	56	1093604	38.204	ug/l	92
39) Methylcyclohexane	9.08	83	590011	22.476	ug/l	96
40) Benzene	8.04	78	2286310	30.495	ug/l	99
52) Toluene	10.16	92	165341	3.757	ug/l	97
67) Ethyl Benzene	11.51	91	6073040	77.863	ug/l	98
68) m/p-Xylenes	11.62	106	541982	18.516	ug/l	95
70) Styrene	11.97	104	70902	1.594	ug/l	97
73) Isopropylbenzene	12.25	105	349024	5.837	ug/l	98
78) n-propylbenzene	12.59	91	671303	10.226	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1006862	21.425	ug/l	98

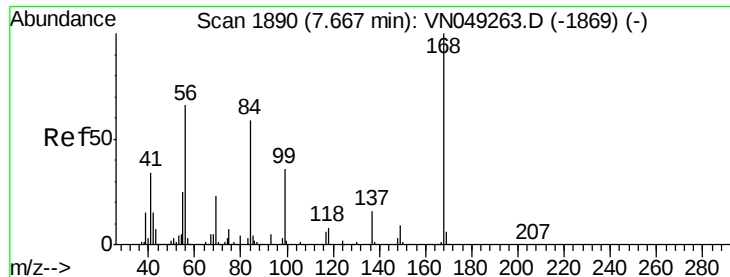
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
Data File : VN049381.D
Acq On : 19 Jun 2018 8:24
Operator : MD\SY
Sample : J3432-14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
B-42R(I-2R)R

Quant Time: Jun 19 11:18:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

Instrument :

MSVOA_N

ClientSampleId :

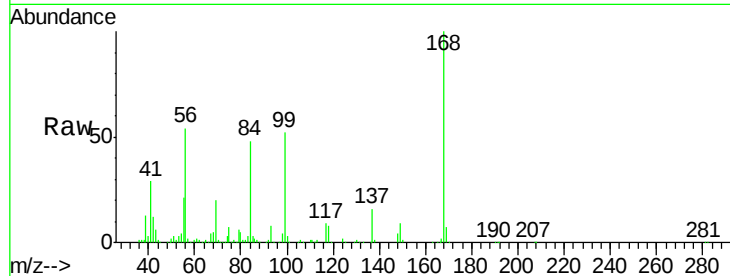
B-42R(I-2R)R

Tot Ion:168 Resp: 1457671

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

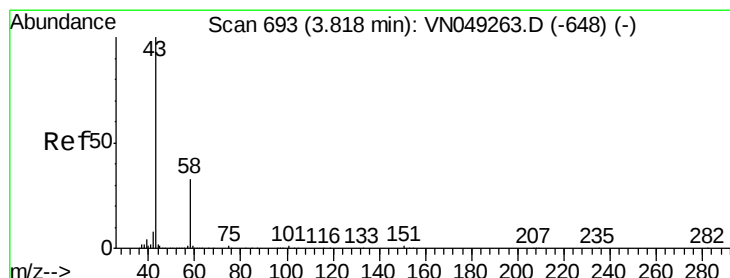
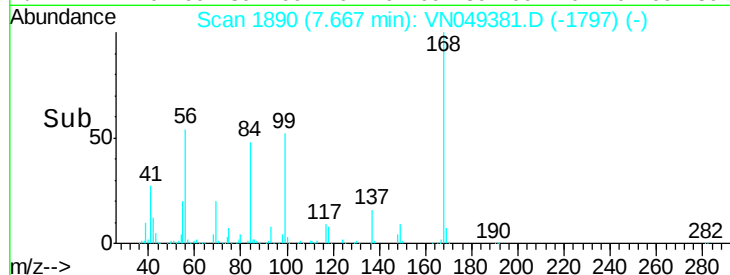
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 26.899 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049381.D

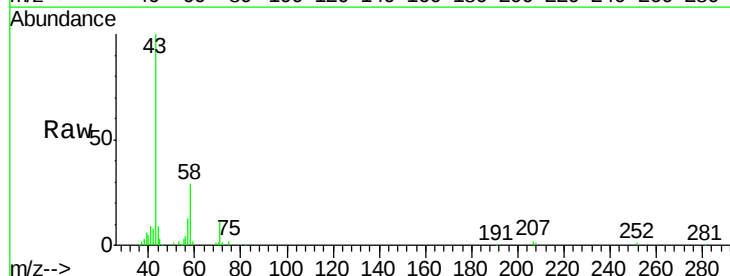
Acq: 19 Jun 2018 8:24

Tgt Ion: 43 Resp: 126272

Ion Ratio Lower Upper

43 100

58 29.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

40000

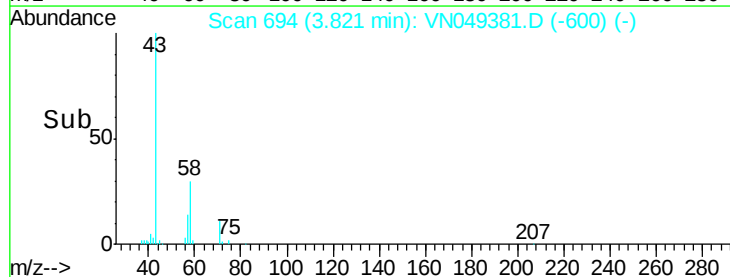
30000

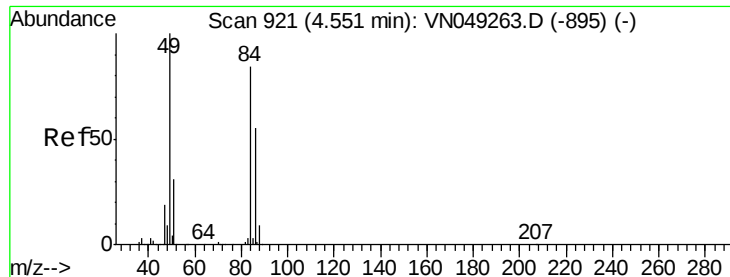
20000

10000

0

Time-->

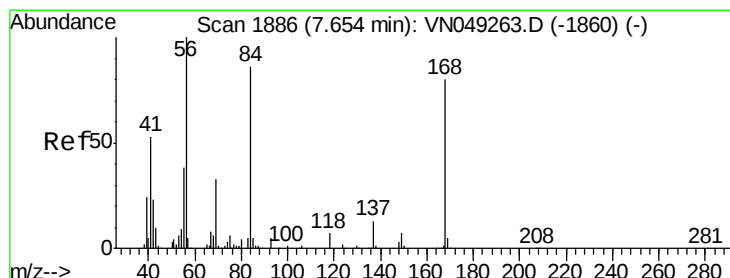
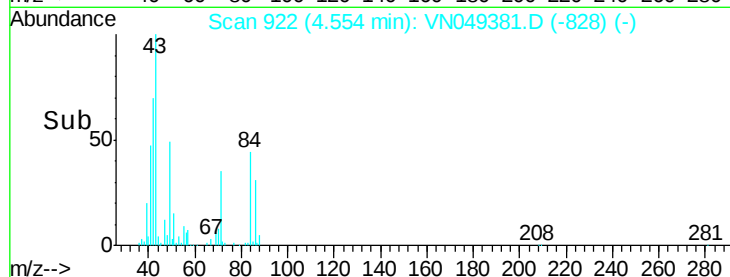
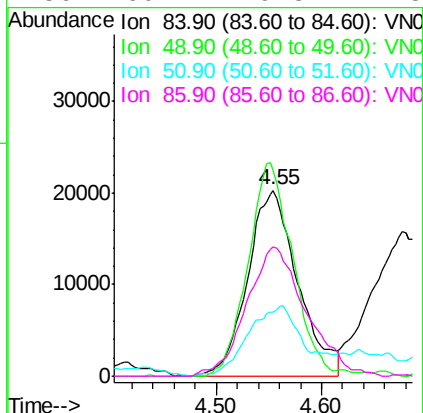
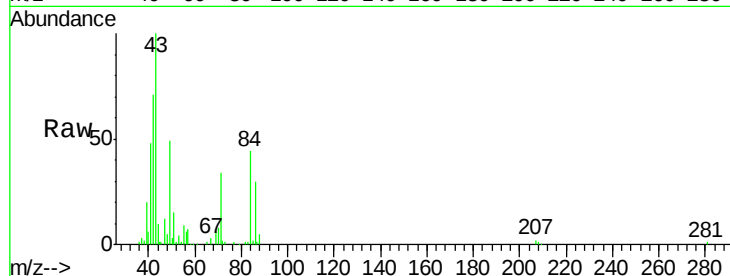




#20
Methylene Chloride
Concen: 3.420 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

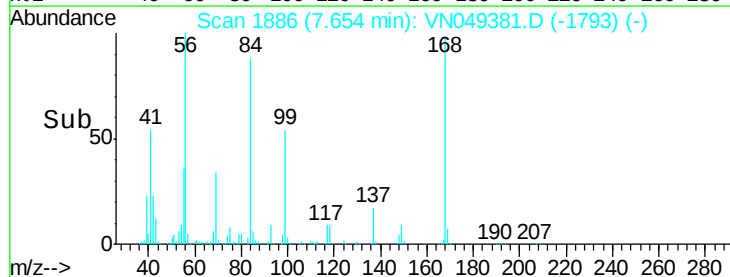
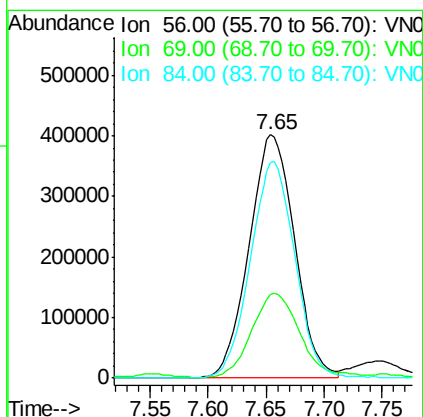
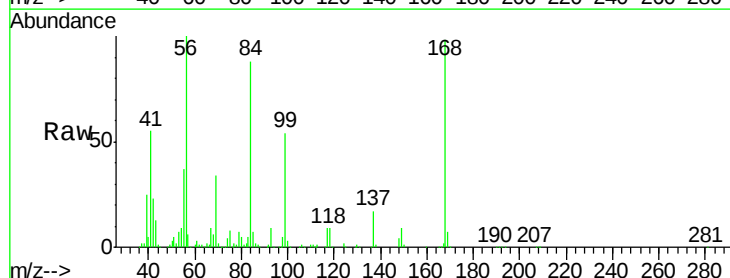
Instrument :
MSVOA_N
ClientSampleId :
B-42R(I-2R)R

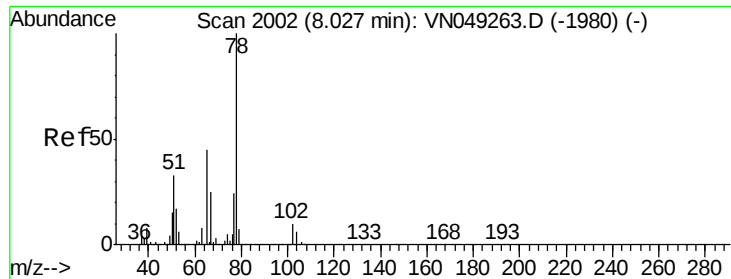
Tot Ion: 84 Resp: 67053
Ion Ratio Lower Upper
84 100
49 110.9 106.9 160.3
51 34.7 32.7 49.1
86 69.1 49.8 74.8



#31
Cyclohexane
Concen: 38.204 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

Tgt Ion: 56 Resp: 1093604
Ion Ratio Lower Upper
56 100
69 33.7 25.0 37.4
84 88.4 64.6 96.8





#33

1,2-Dichloroethane-d4

Concen: 45.129 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

Instrument :

MSVOA_N

ClientSampleId :

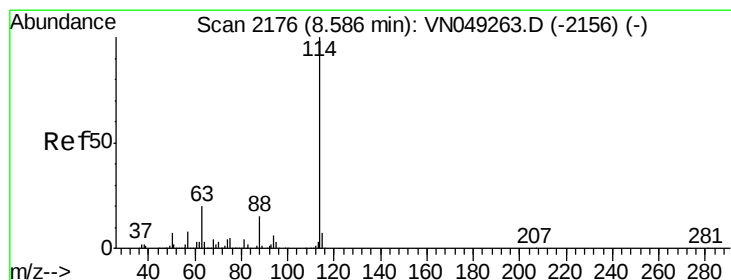
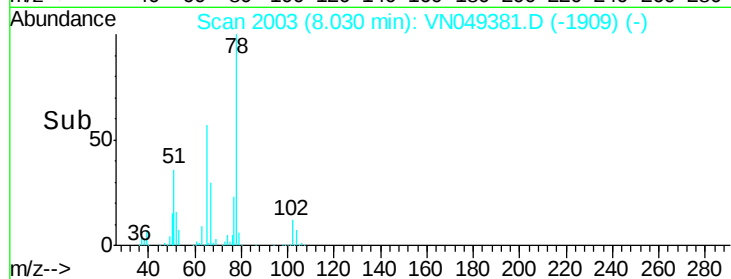
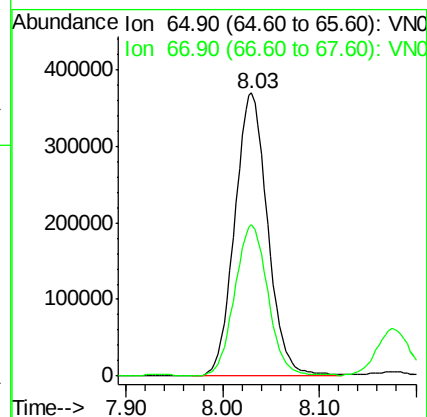
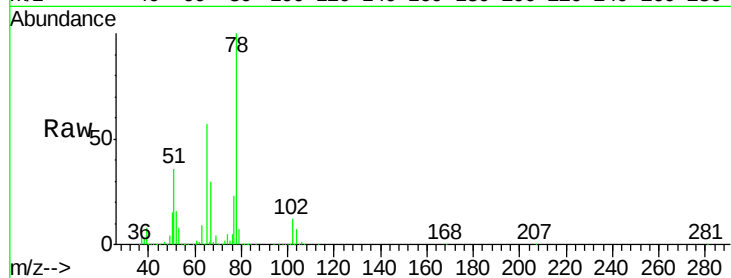
B-42R(I-2R)R

Tot Ion: 65 Resp: 872511

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

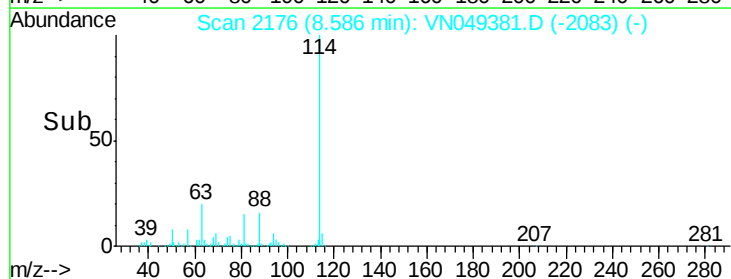
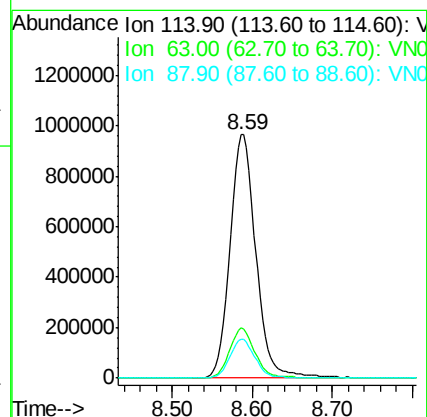
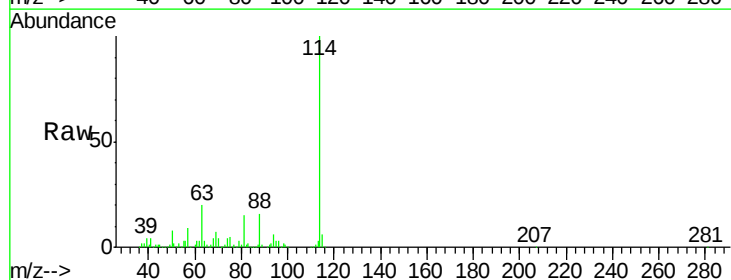
Tgt Ion: 114 Resp: 2133727

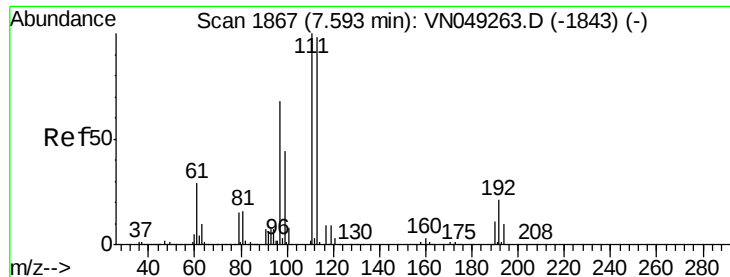
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.4

88 16.0 0.0 31.4

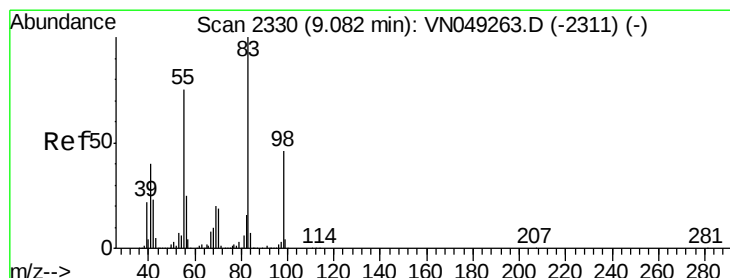
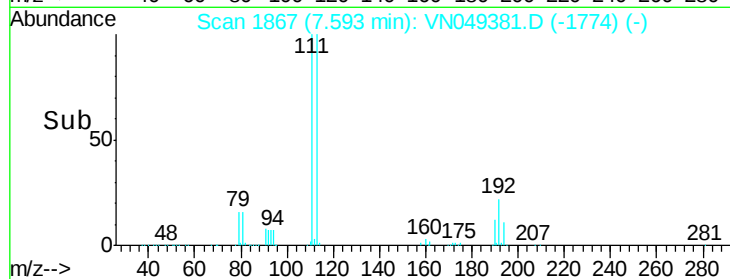
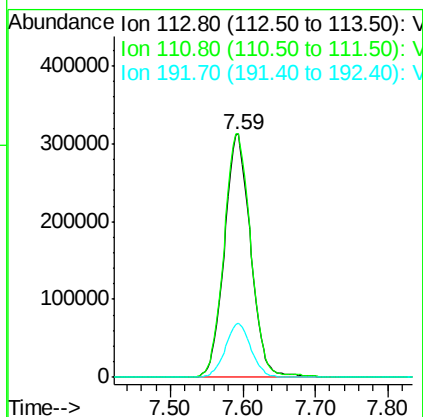
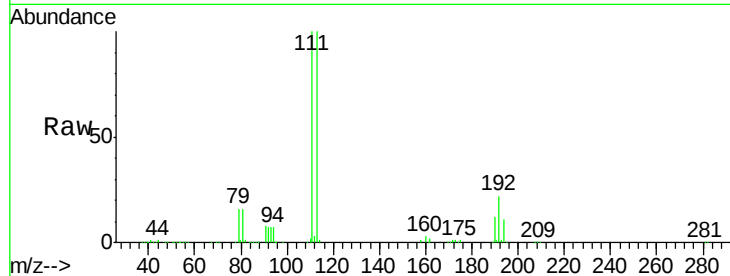




#35
Dibromofluoromethane
Concen: 45.545 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

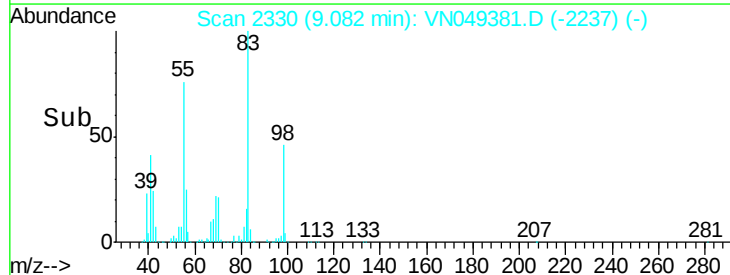
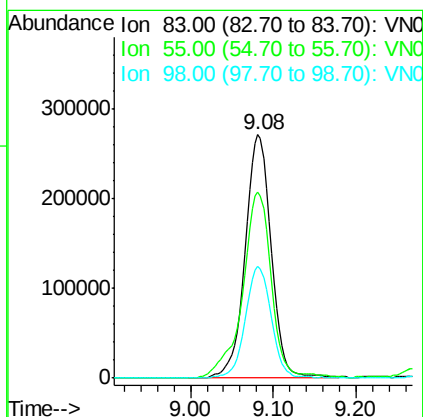
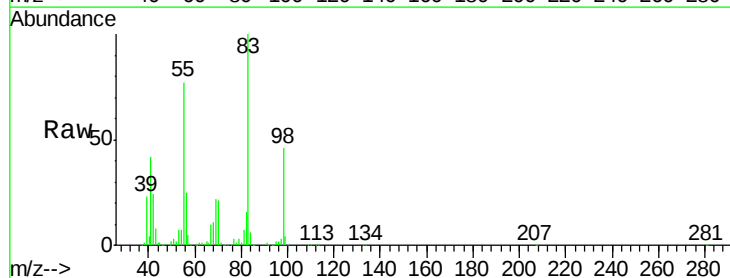
Instrument :
MSVOA_N
ClientSampleId :
B-42R(I-2R)R

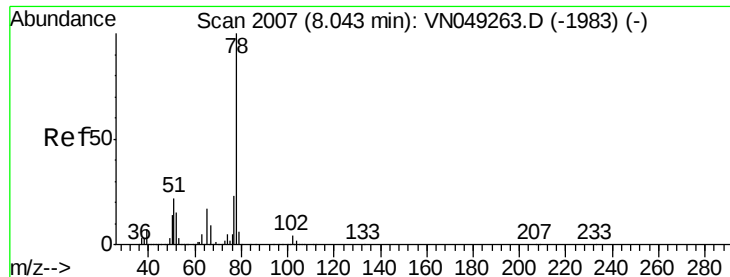
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.7	15.0	22.6



#39
Methylcyclohexane
Concen: 22.476 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.5	65.1	97.7
98	46.0	36.5	54.7





#40

Benzene

Concen: 30.495 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

Instrument :

MSVOA_N

ClientSampleId :

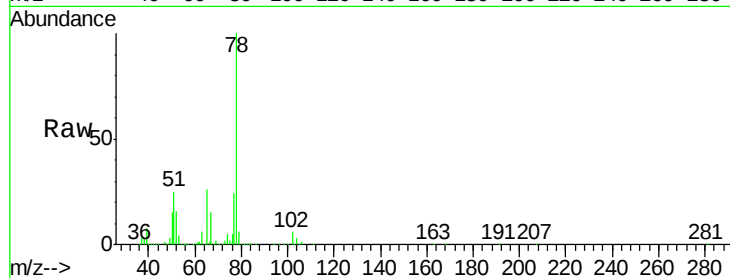
B-42R(I-2R)R

Tot Ion: 78 Resp: 2286310

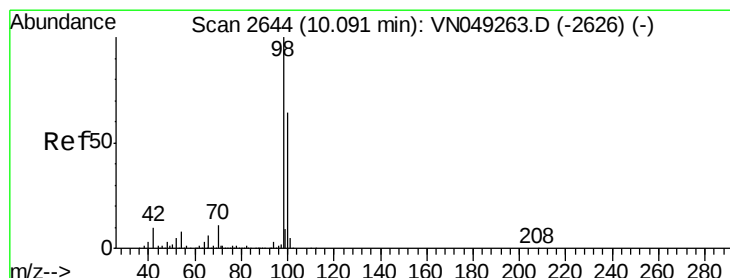
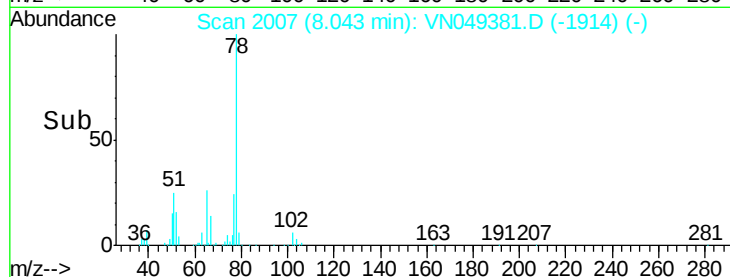
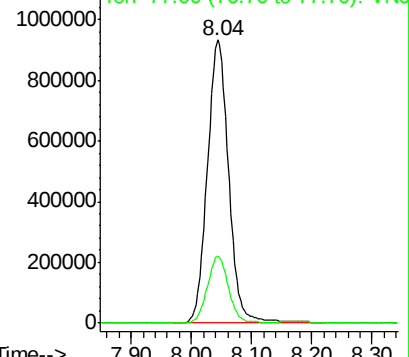
Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VN049381.D (-1914) (-)



#50

Toluene-d8

Concen: 46.139 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049381.D

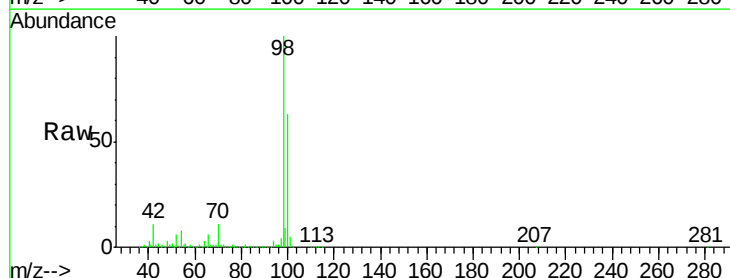
Acq: 19 Jun 2018 8:24

Tgt Ion: 98 Resp: 3032765

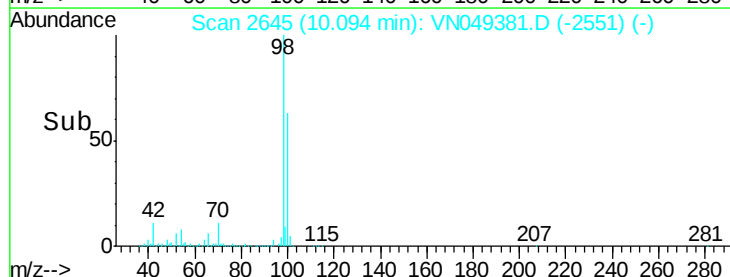
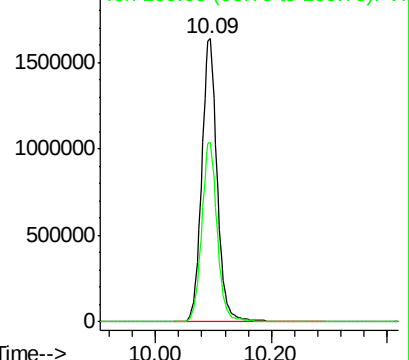
Ion Ratio Lower Upper

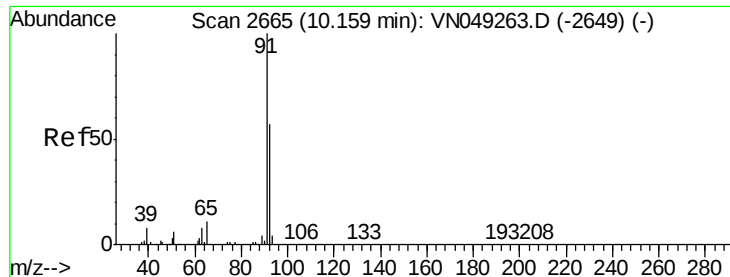
98 100

100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049381.D (-2551) (-)





#52

Toluene

Concen: 3.757 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

Instrument :

MSVOA_N

ClientSampleId :

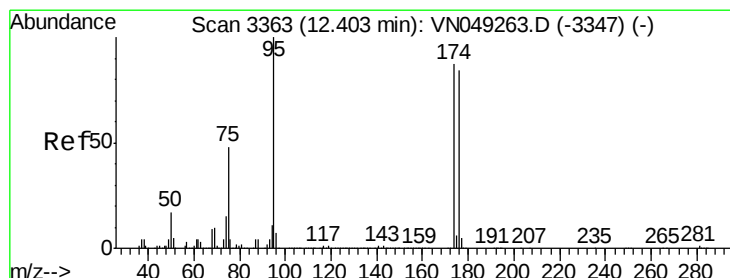
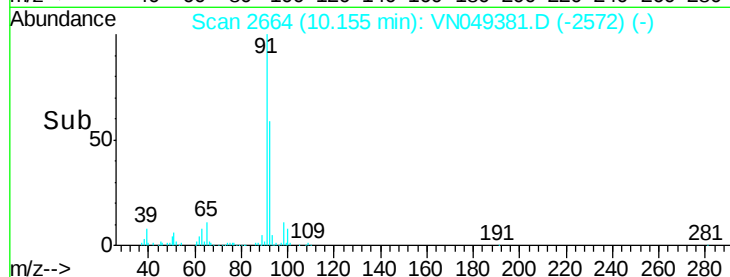
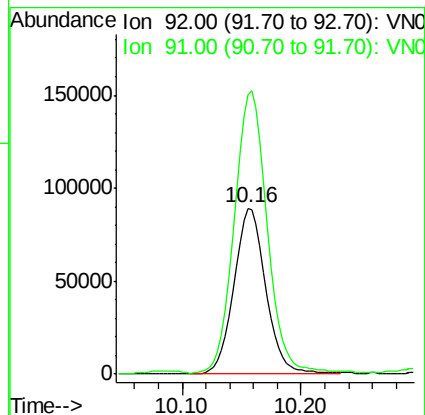
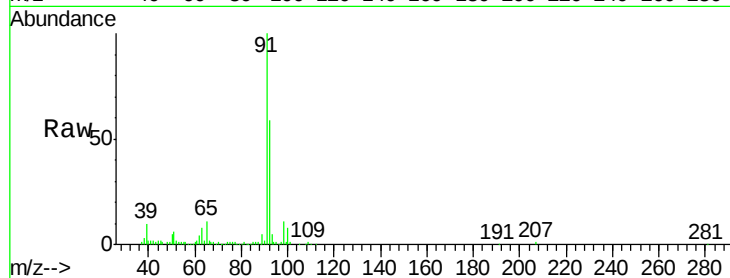
B-42R(I-2R)R

Tot Ion: 92 Resp: 165341

Ion Ratio Lower Upper

92 100

91 175.8 143.4 215.2



#62

4-Bromofluorobenzene

Concen: 41.157 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

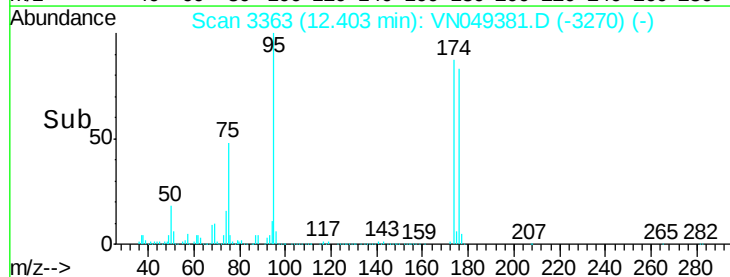
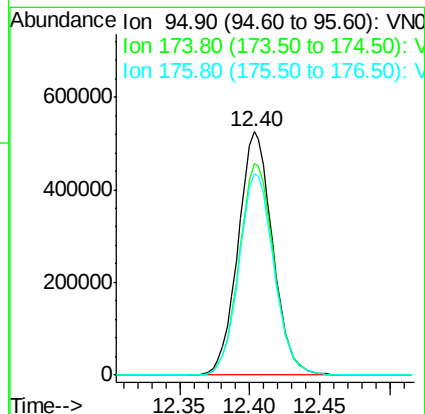
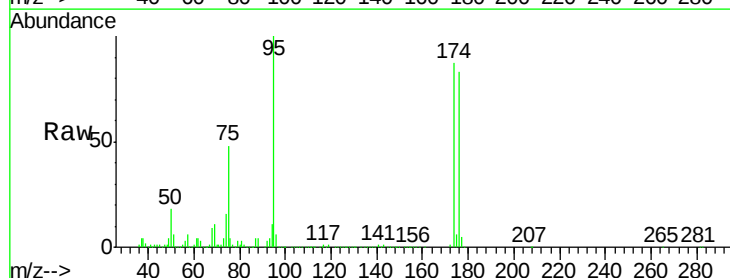
Tgt Ion: 95 Resp: 894497

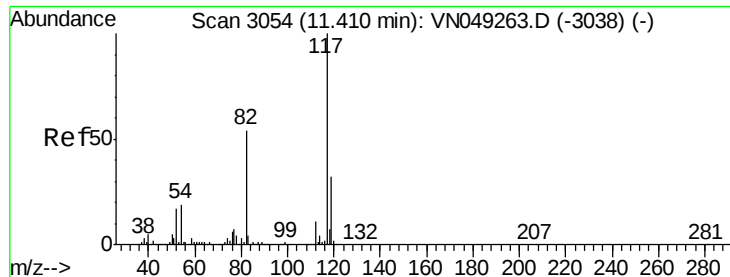
Ion Ratio Lower Upper

95 100

174 88.6 0.0 165.6

176 84.2 0.0 157.4

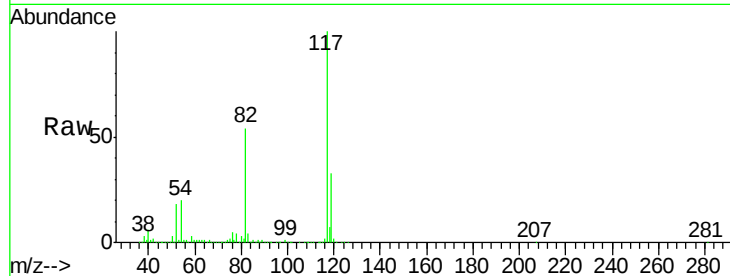




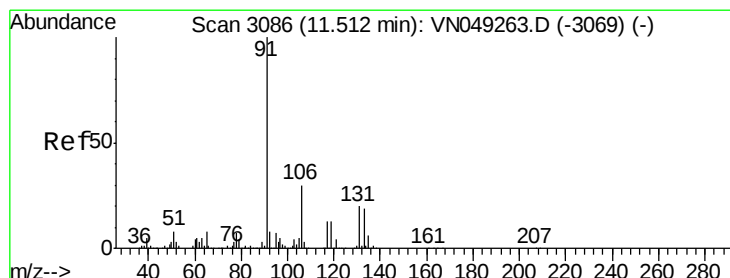
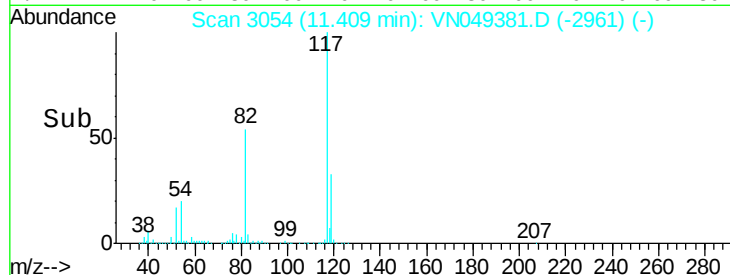
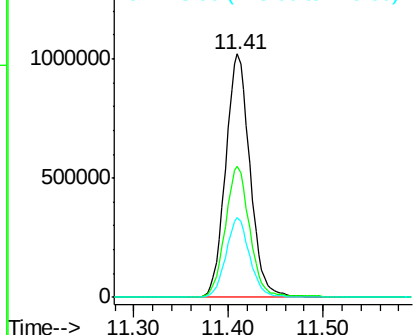
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

Instrument :
MSVOA_N
ClientSampled :
B-42R(I-2R)R

Tot Ion:117 Resp: 1825362
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.7 25.5 38.3

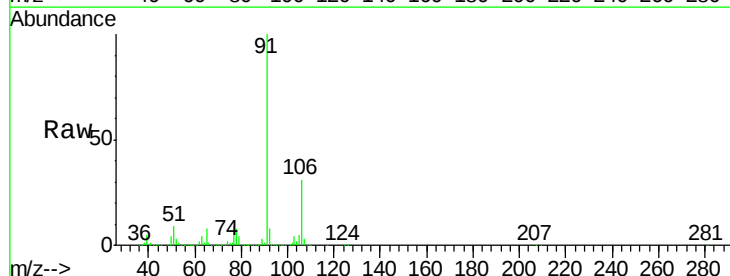


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

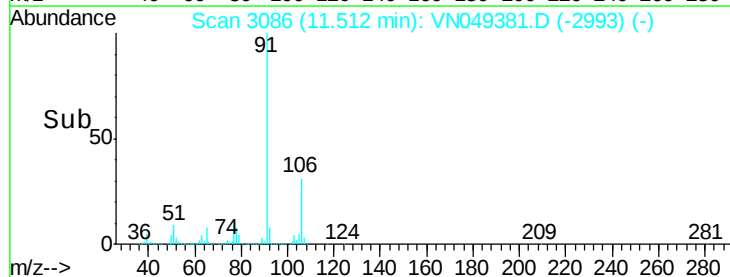
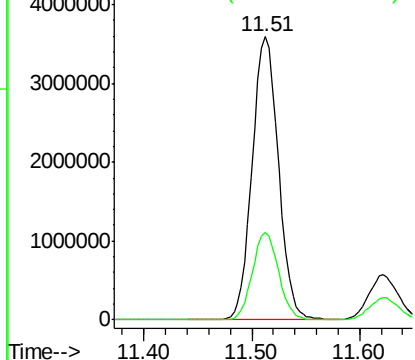


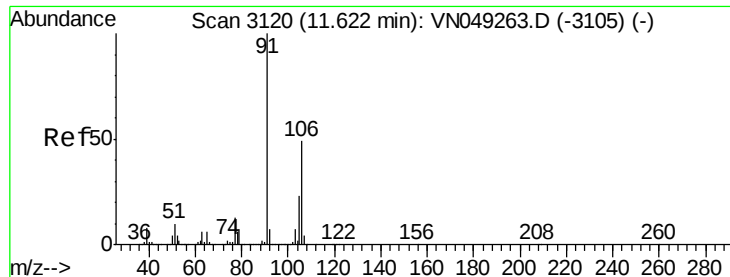
#67
Ethyl Benzene
Concen: 77.863 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

Tgt Ion: 91 Resp: 6073040
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9



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





#68

m/p-Xylenes

Concen: 18.516 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

Instrument :

MSVOA_N

ClientSampleId :

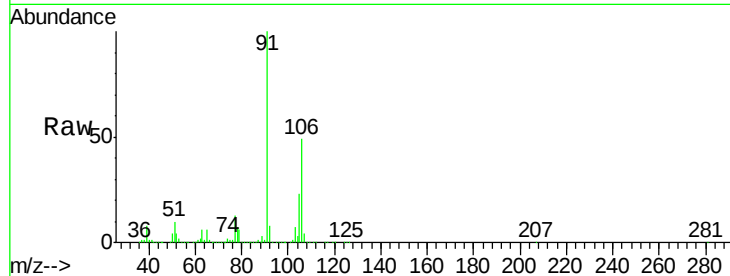
B-42R(I-2R)R

Tot Ion:106 Resp: 541982

Ion Ratio Lower Upper

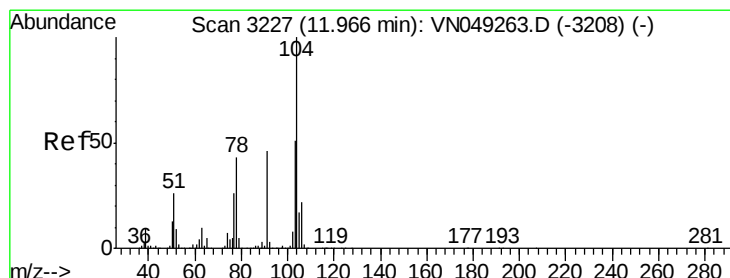
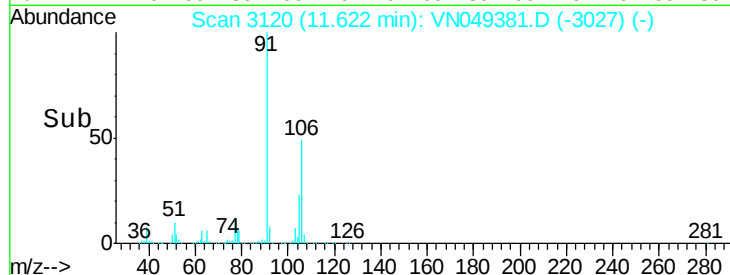
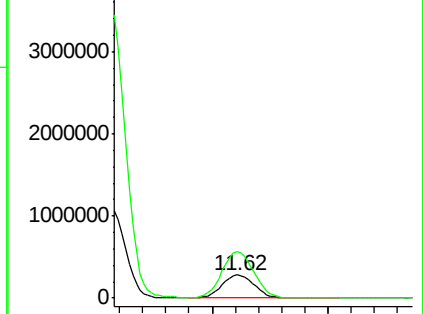
106 100

91 201.9 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 1.594 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

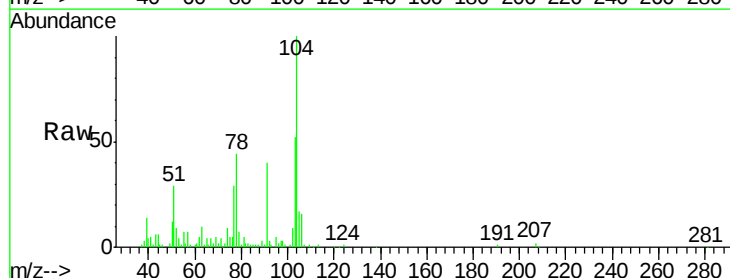
Tgt Ion:104 Resp: 70902

Ion Ratio Lower Upper

104 100

78 50.6 41.6 62.4

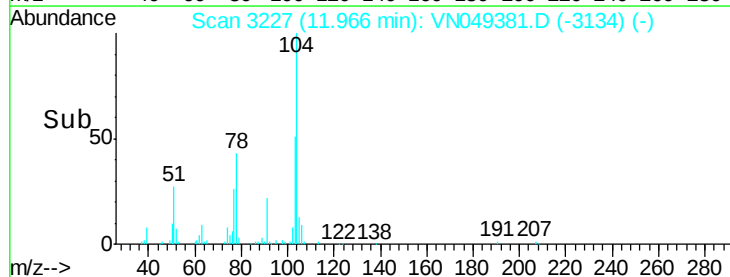
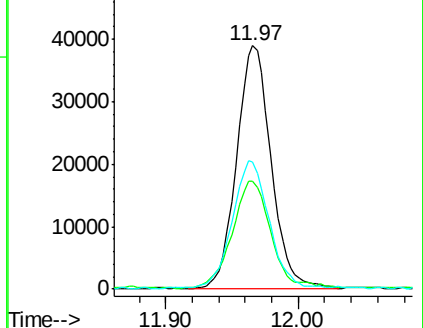
103 53.9 45.4 68.2

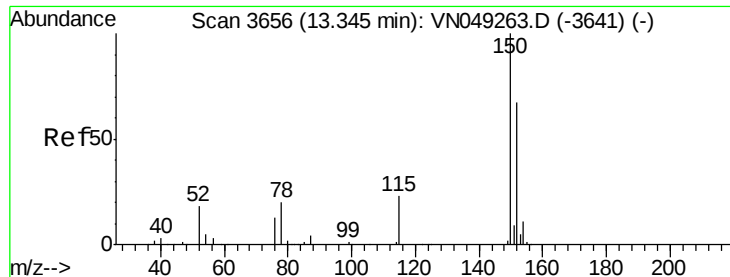


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V



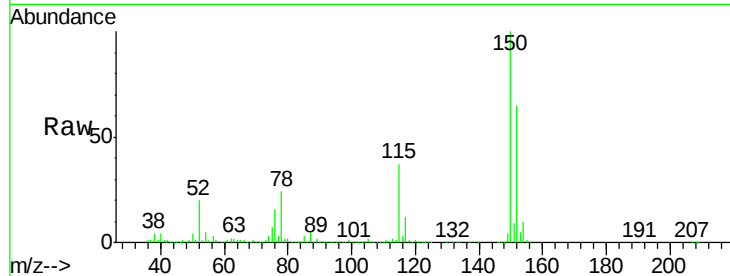


#72

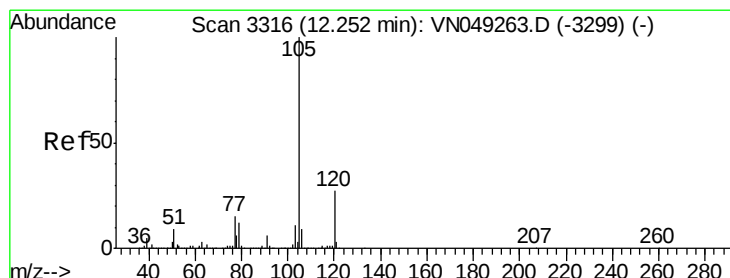
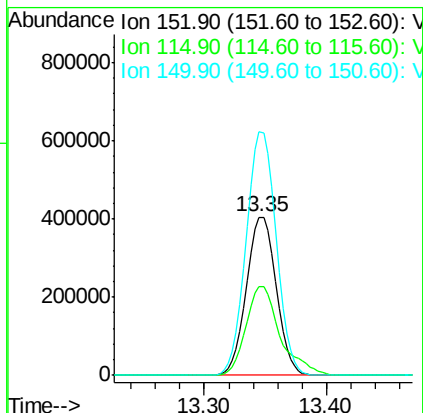
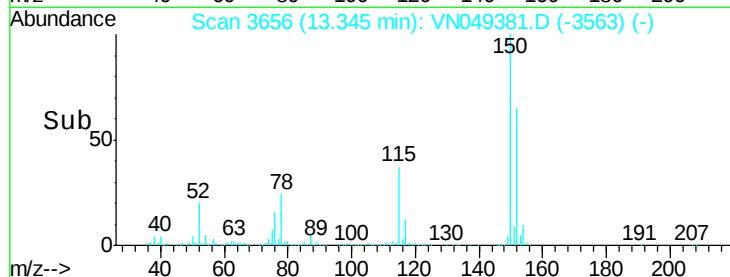
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

Instrument :
MSVOA_N
ClientSampleId :
B-42R(I-2R)R

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.3	28.7	86.1
150	154.8	0.0	351.0



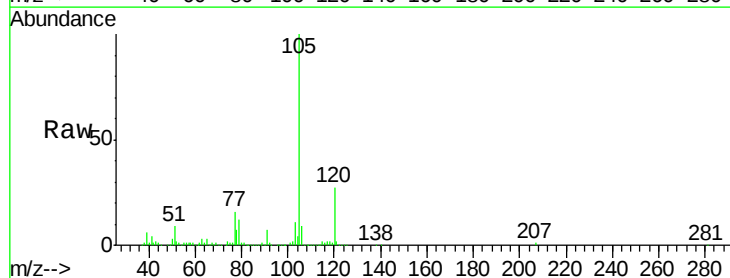
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



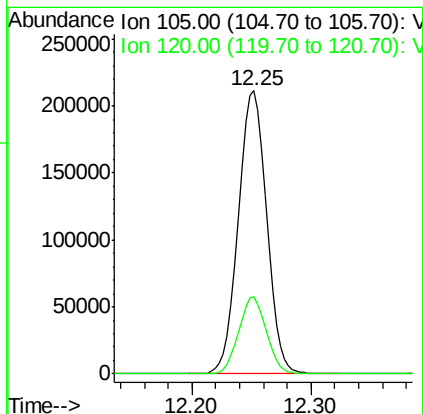
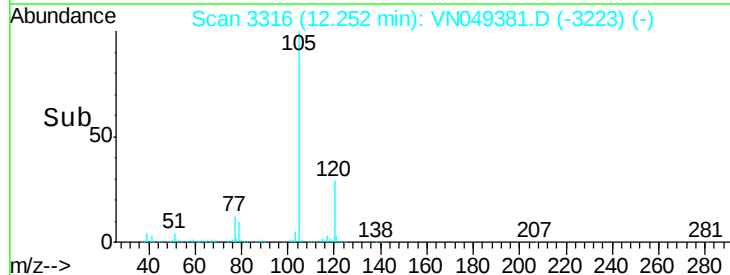
#73

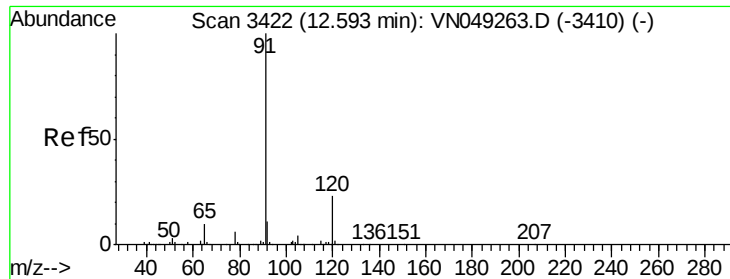
Isopropylbenzene
Concen: 5.837 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. -0.00 min
Lab File: VN049381.D
Acq: 19 Jun 2018 8:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	12.8	38.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 10.226 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049381.D

Acq: 19 Jun 2018 8:24

Instrument :

MSVOA_N

ClientSampleId :

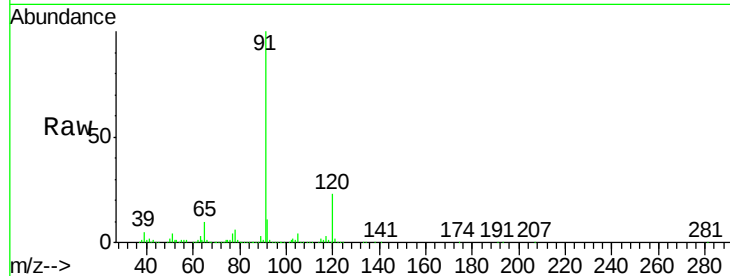
B-42R(I-2R)R

Tot Ion: 91 Resp: 671303

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3410) (-)

12.59

400000

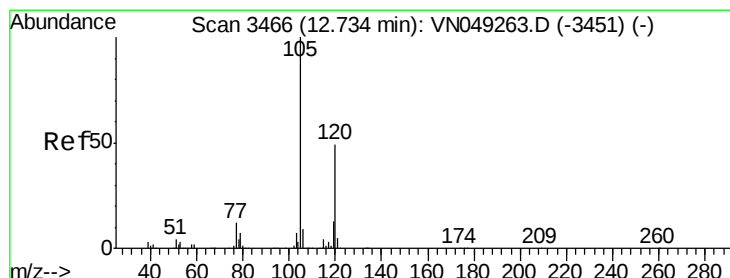
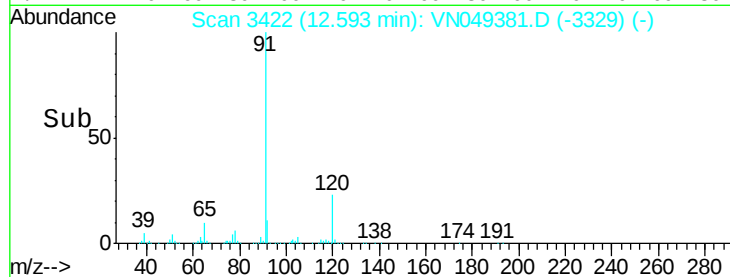
300000

200000

100000

0

Time--> 12.50 12.55 12.60 12.65



#80

1,3,5-Trimethylbenzene

Concen: 21.425 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049381.D

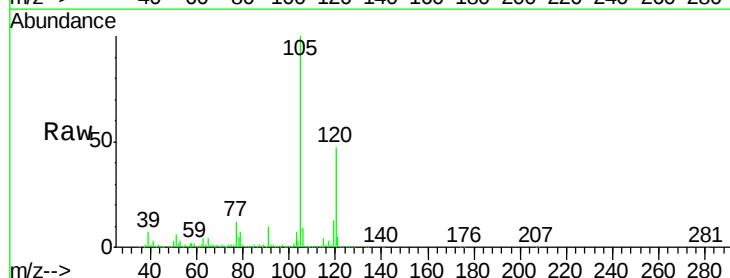
Acq: 19 Jun 2018 8:24

Tgt Ion: 105 Resp: 1006862

Ion Ratio Lower Upper

105 100

120 48.1 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)

12.73

600000

400000

200000

0

Time--> 12.70 12.75 12.80

