

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016907.D
 Acq On : 20 Jun 2020 04:45
 Operator : JC/SP
 Sample : L3063-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-6

Quant Time: Jun 22 07:18:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	324031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	474084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	484464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	302431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	178338	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
35) Dibromofluoromethane	5.47	113	170380	56.18	ug/l	0.00
Spiked Amount			Recovery	=	112.36%	
50) Toluene-d8	8.70	98	579989	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.12	95	291602	62.73	ug/l	0.00
Spiked Amount			Recovery	=	125.46%	

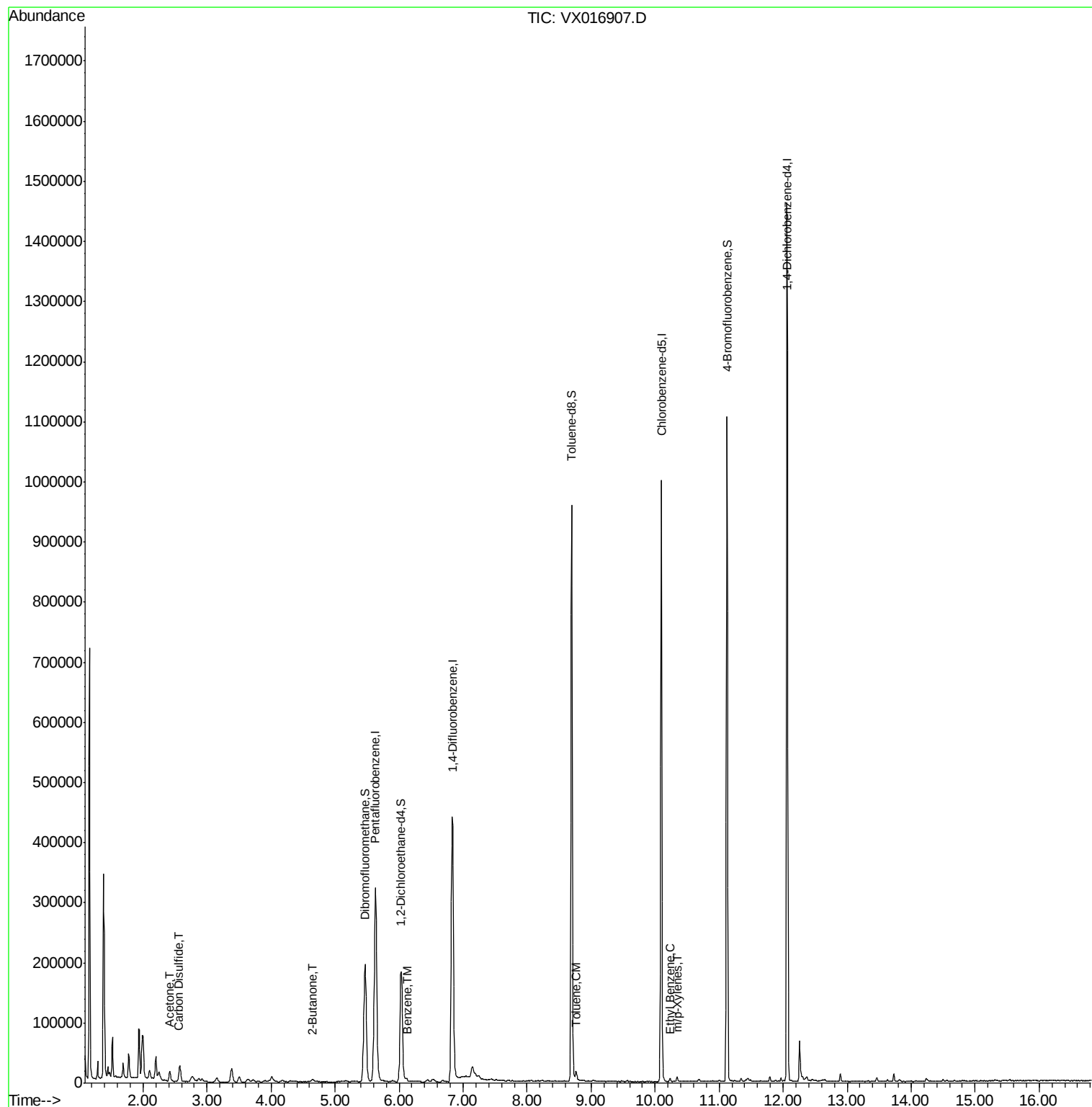
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	17225	12.176	ug/l	98
17) Carbon Disulfide	2.55	76	4820	0.539	ug/l #	92
25) 2-Butanone	4.64	43	6787	3.486	ug/l	98
40) Benzene	6.12	78	5886	0.448	ug/l #	65
52) Toluene	8.76	92	5489	0.630	ug/l	99
67) Ethyl Benzene	10.24	91	3336	0.202	ug/l	96
68) m/p-Xylenes	10.34	106	1902	0.295	ug/l	98

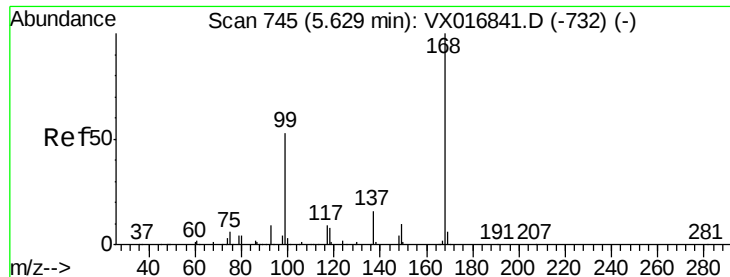
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 07:18:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

Instrument :

MSVOA_X

ClientSampled :

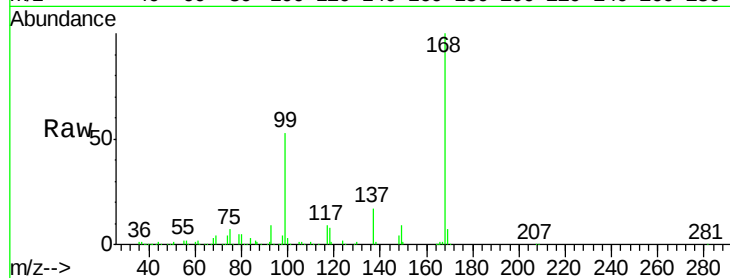
TW-6

Tot Ion:168 Resp: 324031

Ion Ratio Lower Upper

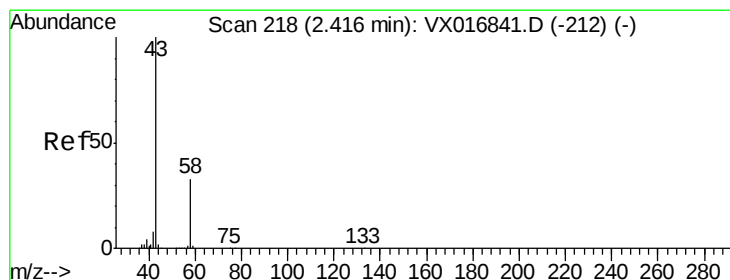
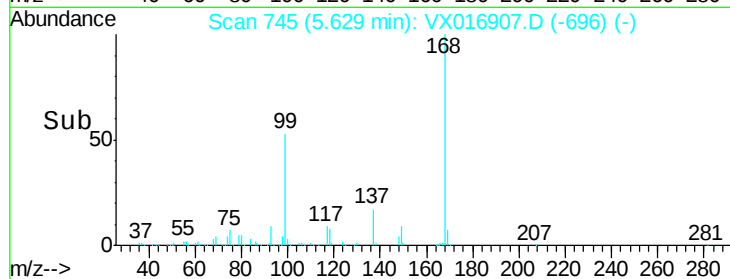
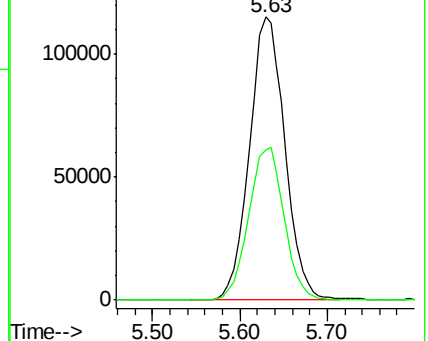
168 100

99 53.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.176 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016907.D

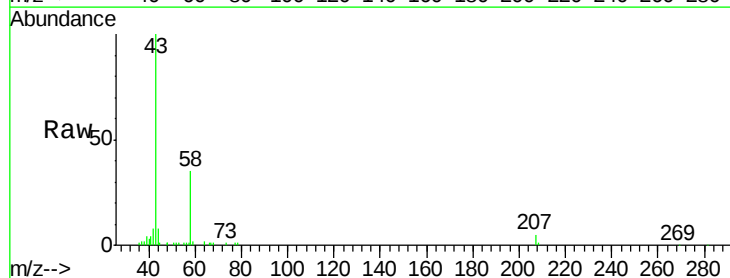
Acq: 20 Jun 2020 04:45

Tgt Ion: 43 Resp: 17225

Ion Ratio Lower Upper

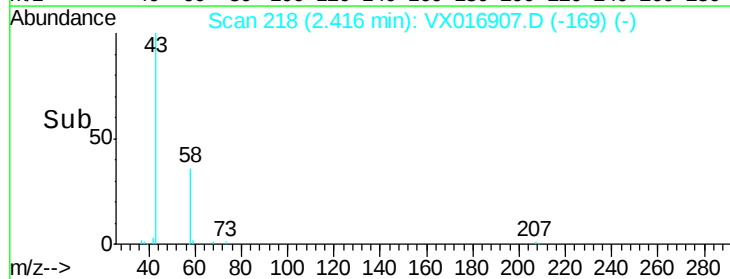
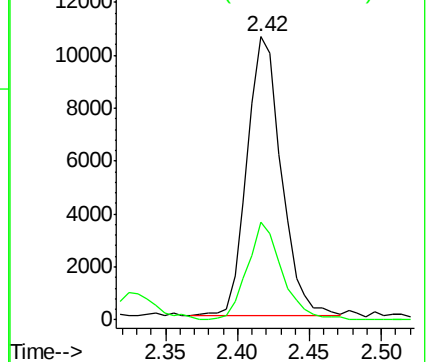
43 100

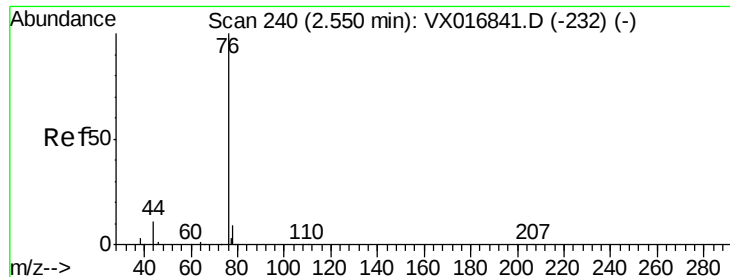
58 34.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.539 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

Instrument :

MSVOA_X

ClientSampleId :

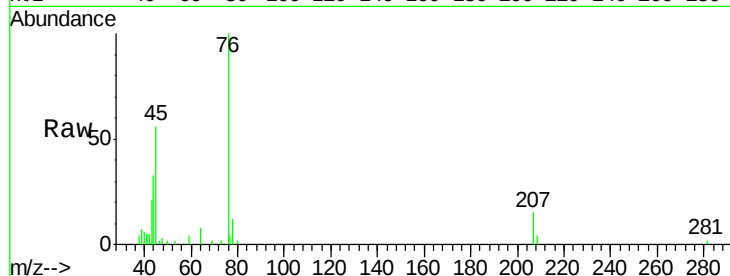
TW-6

Tot Ion: 76 Resp: 4820

Ion Ratio Lower Upper

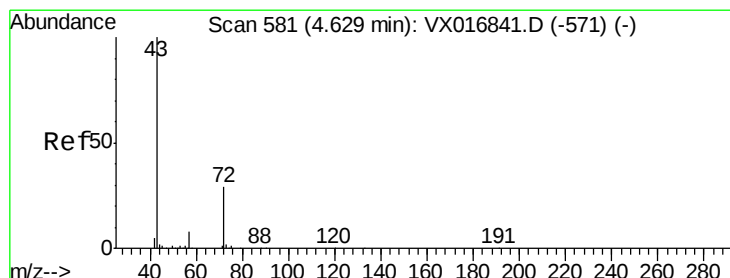
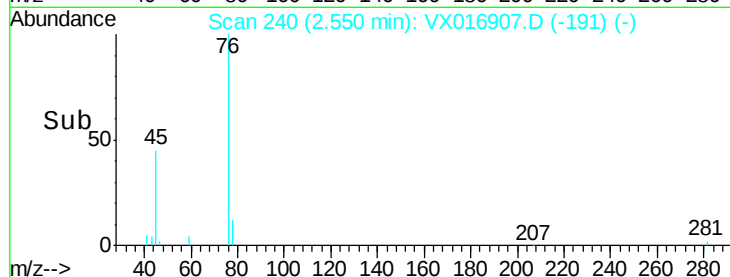
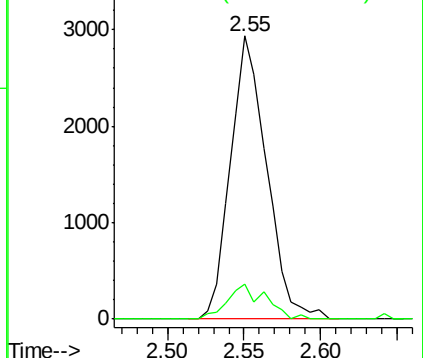
76 100

78 12.3 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 3.486 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016907.D

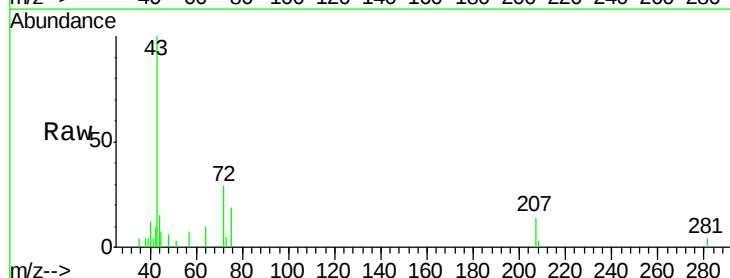
Acq: 20 Jun 2020 04:45

Tgt Ion: 43 Resp: 6787

Ion Ratio Lower Upper

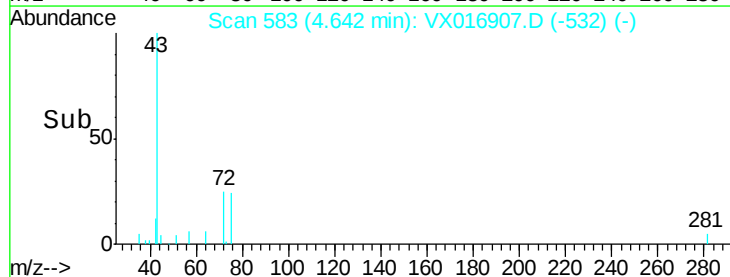
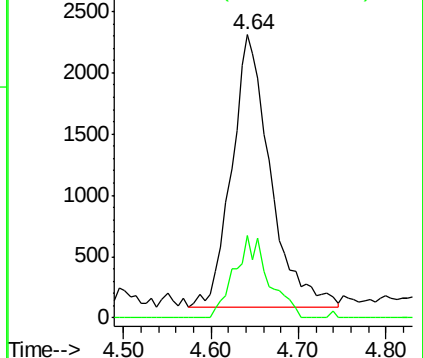
43 100

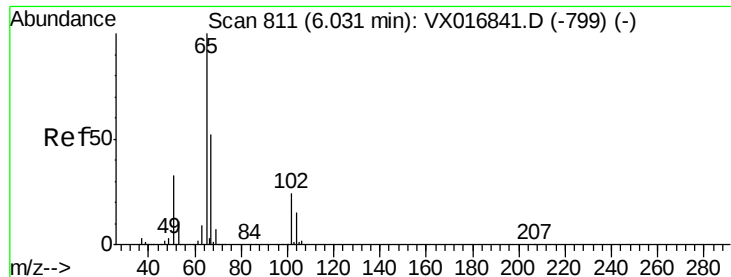
72 30.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.762 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

Instrument :

MSVOA_X

ClientSampleId :

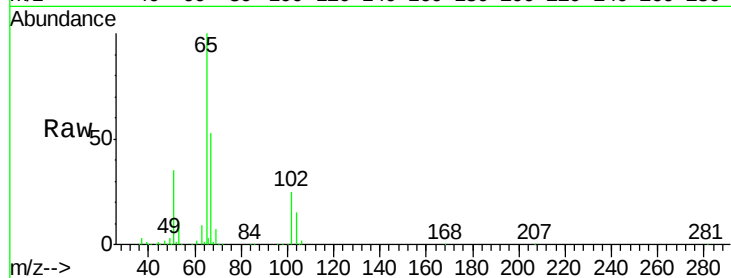
TW-6

Tot Ion: 65 Resp: 178338

Ion Ratio Lower Upper

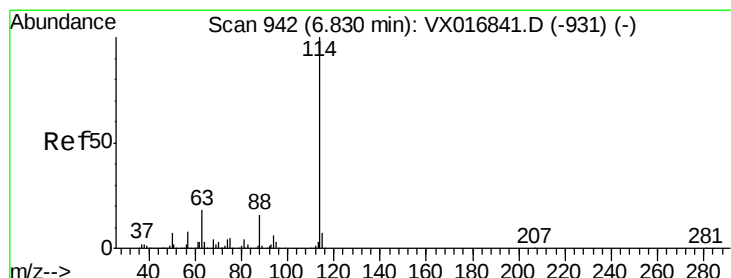
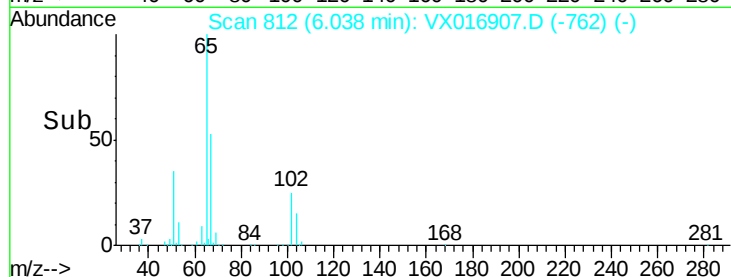
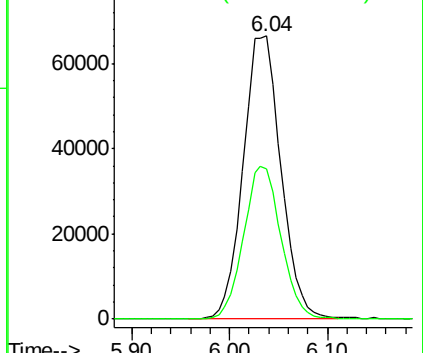
65 100

67 53.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

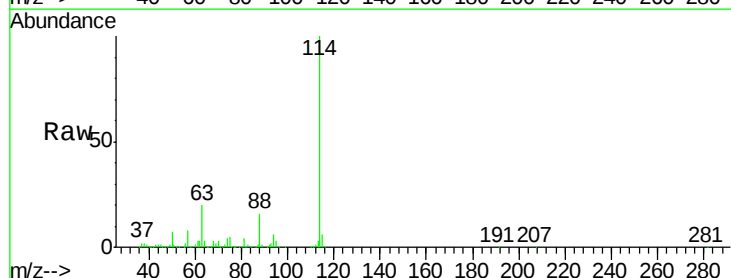
Tgt Ion: 114 Resp: 474084

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.0

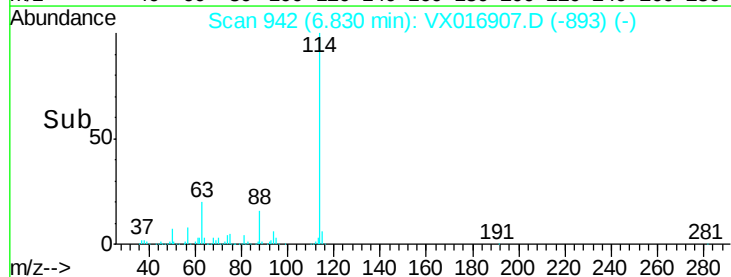
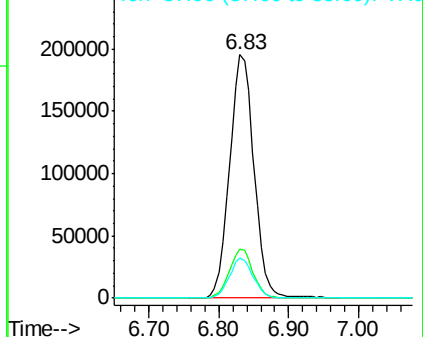
88 16.4 0.0 32.0

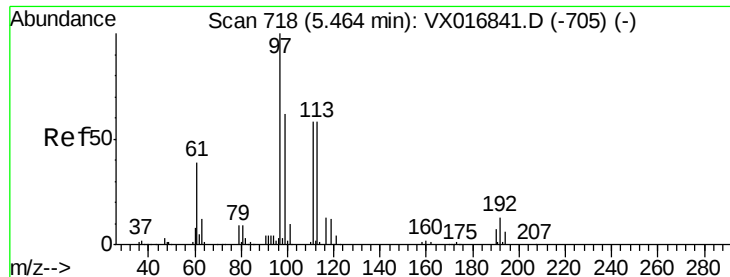


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

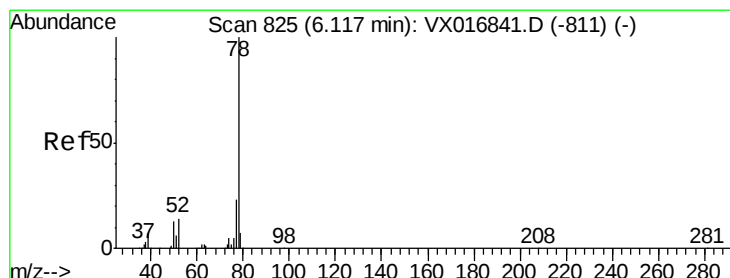
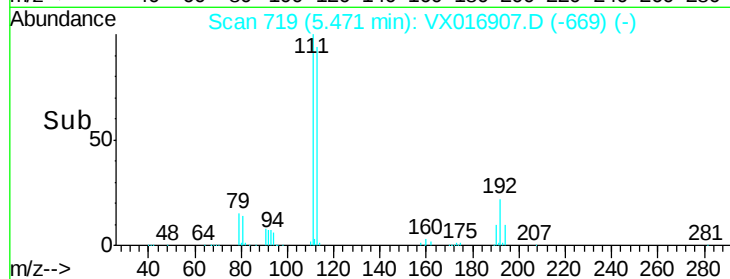
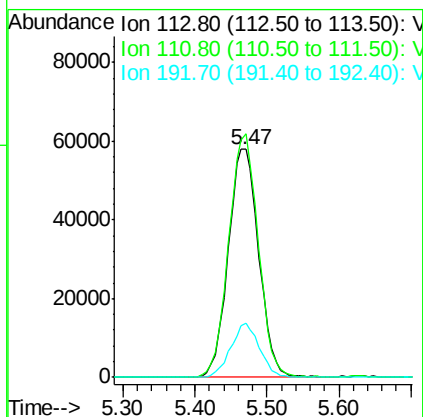
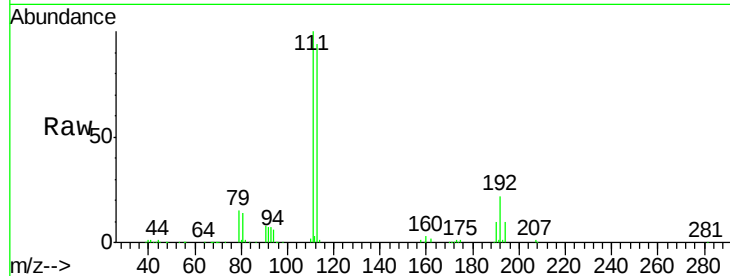




#35
Dibromofluoromethane
Concen: 56.181 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016907.D
Acq: 20 Jun 2020 04:45

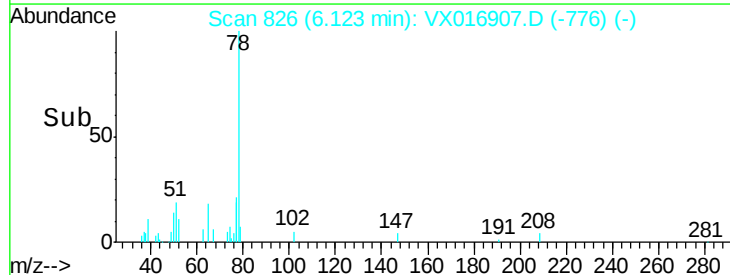
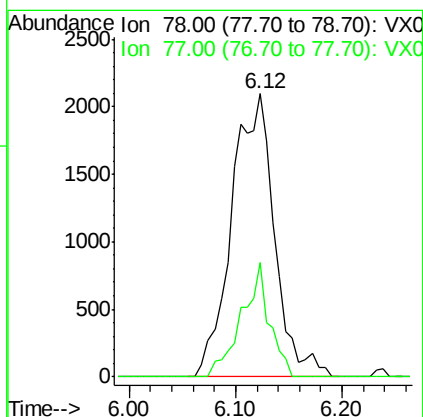
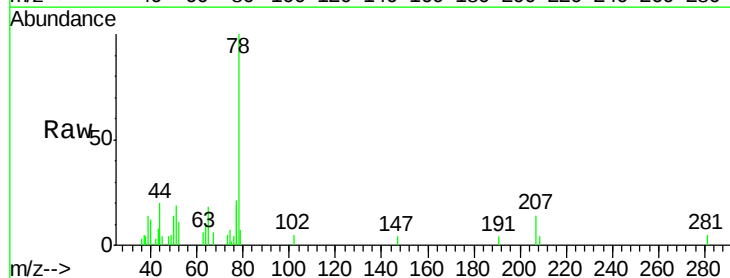
Instrument :
MSVOA_X
ClientSampled :
TW-6

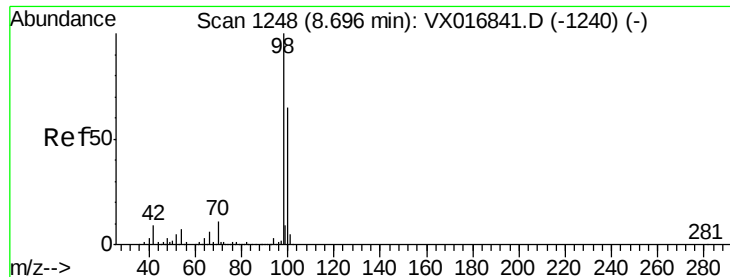
Tot Ion:113 Resp: 170380
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.4
192 22.4 18.5 27.7



#40
Benzene
Concen: 0.448 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX016907.D
Acq: 20 Jun 2020 04:45

Tgt Ion: 78 Resp: 5886
Ion Ratio Lower Upper
78 100
77 40.2 18.6 27.8#

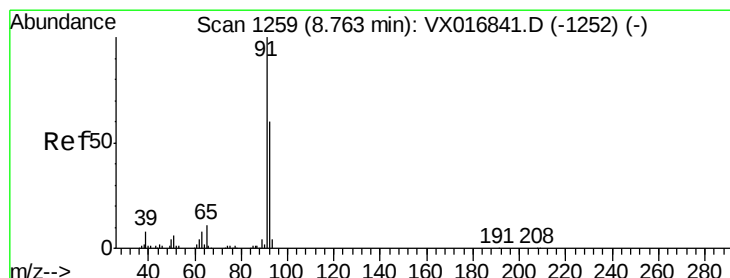
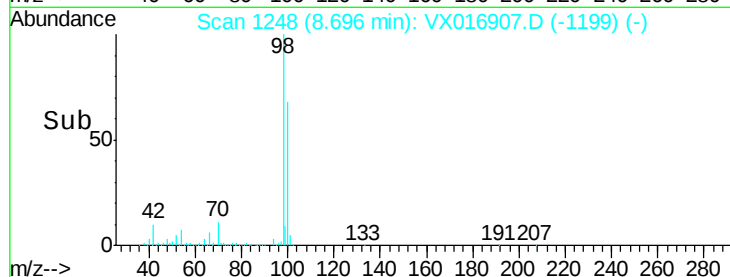
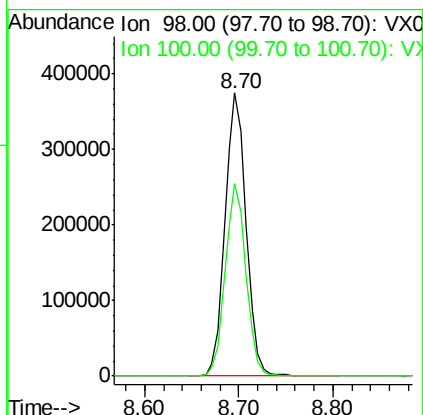
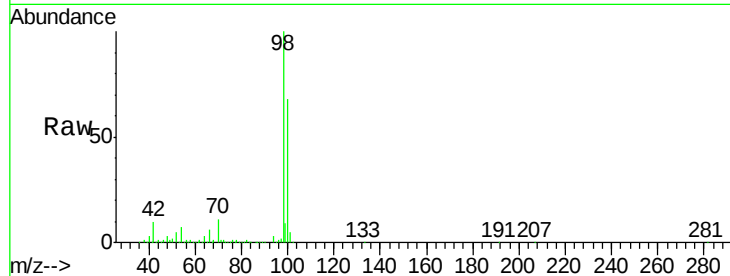




#50
Toluene-d8
Concen: 47.801 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016907.D
Acq: 20 Jun 2020 04:45

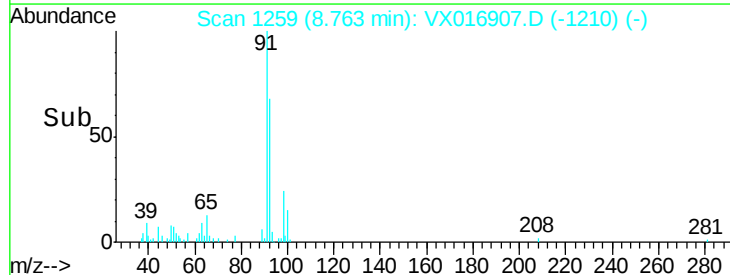
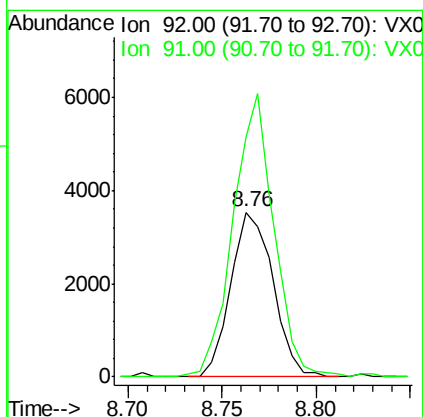
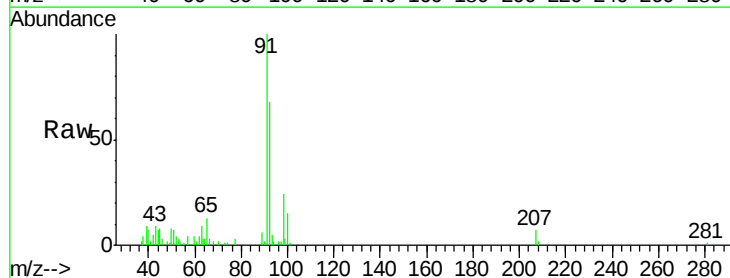
Instrument :
MSVOA_X
ClientSampleId :
TW-6

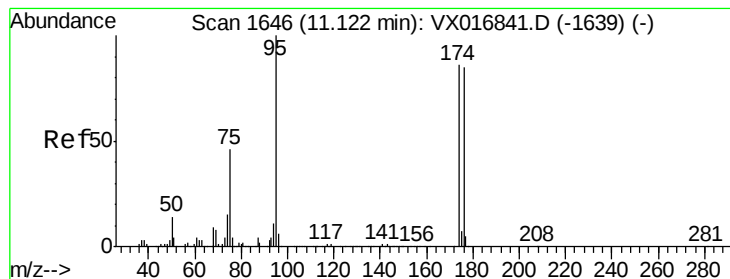
Tot Ion: 98 Resp: 579989
Ion Ratio Lower Upper
98 100
100 67.1 54.0 81.0



#52
Toluene
Concen: 0.630 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016907.D
Acq: 20 Jun 2020 04:45

Tgt Ion: 92 Resp: 5489
Ion Ratio Lower Upper
92 100
91 166.0 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 62.726 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

Instrument :

MSVOA_X

ClientSampleId :

TW-6

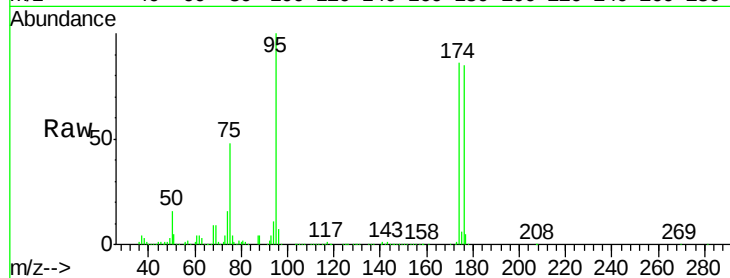
Tot Ion: 95 Resp: 291602

Ion Ratio Lower Upper

95 100

174 85.0 0.0 174.2

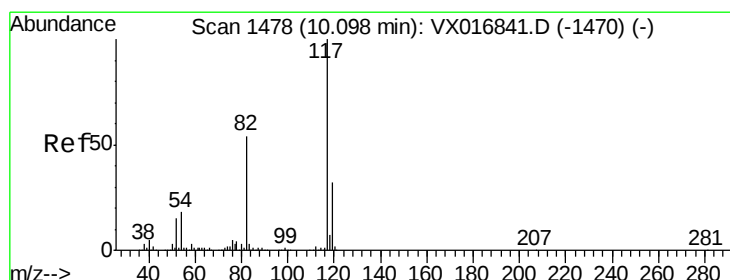
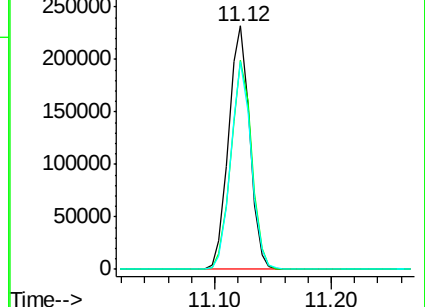
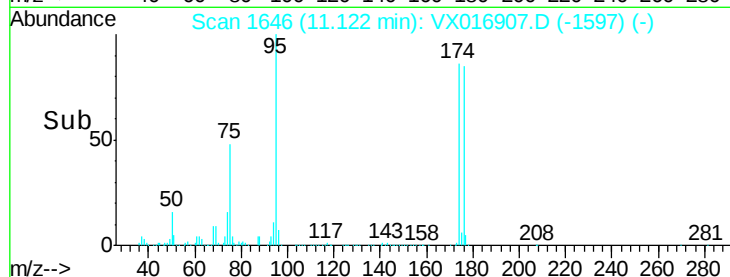
176 82.5 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX016907.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016907.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016907.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

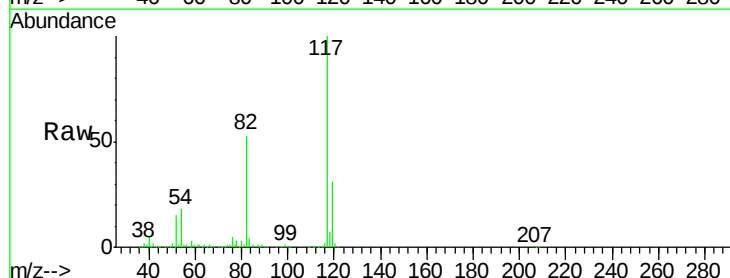
Tgt Ion: 117 Resp: 484464

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

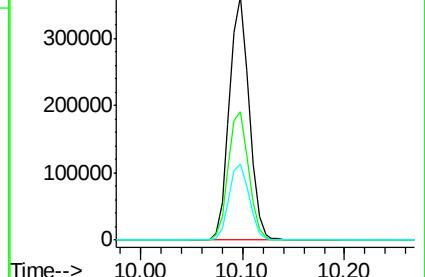
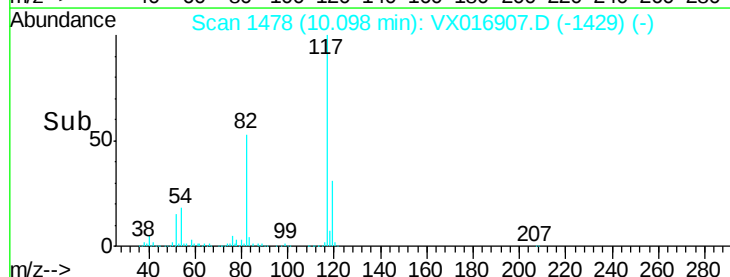
119 31.3 25.7 38.5

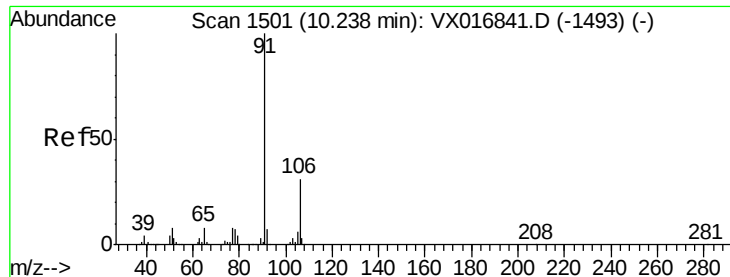


Abundance Ion 116.90 (116.60 to 117.60): VX016907.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016907.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016907.D (-1429) (-)





#67

Ethyl Benzene

Concen: 0.202 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

Instrument :

MSVOA_X

ClientSampleId :

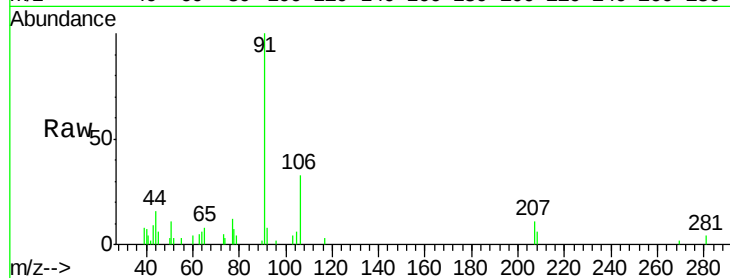
TW-6

Tot Ion: 91 Resp: 3336

Ion Ratio Lower Upper

91 100

106 33.5 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX016841.D (-1493) (-)

10.24

2500

2000

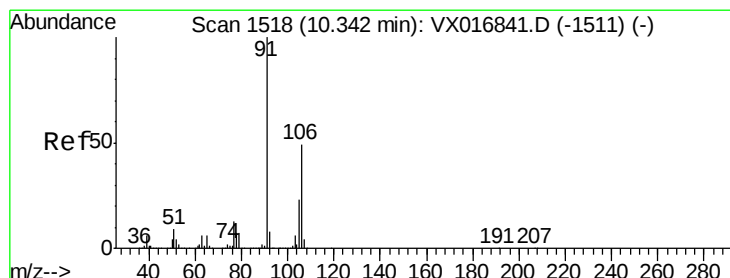
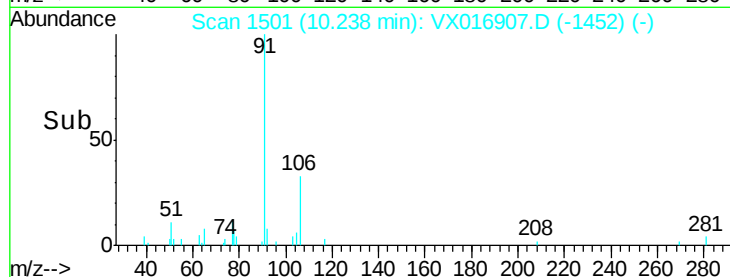
1500

1000

500

0

Time-->



#68

m/p-Xylenes

Concen: 0.295 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016907.D

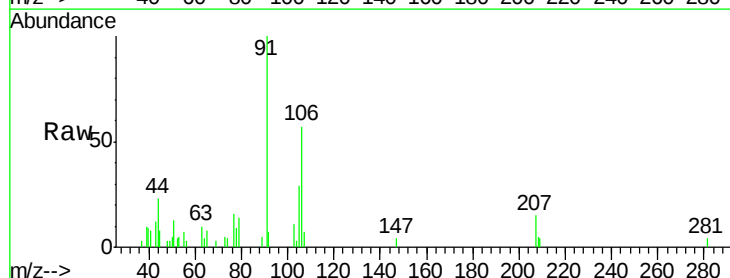
Acq: 20 Jun 2020 04:45

Tgt Ion: 106 Resp: 1902

Ion Ratio Lower Upper

106 100

91 198.6 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): VX016841.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016841.D (-1511) (-)

10.34

2500

2000

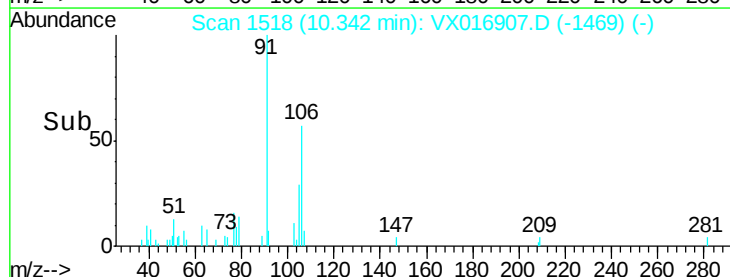
1500

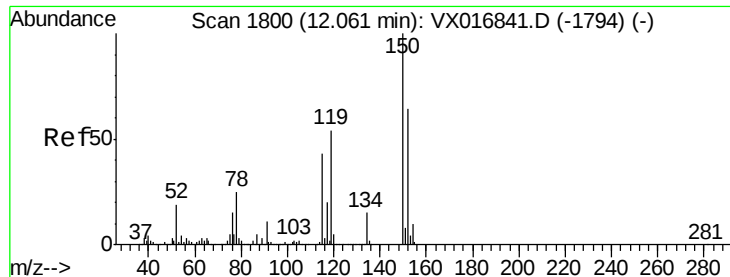
1000

500

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016907.D

Acq: 20 Jun 2020 04:45

Instrument :

MSVOA_X

ClientSampleId :

TW-6

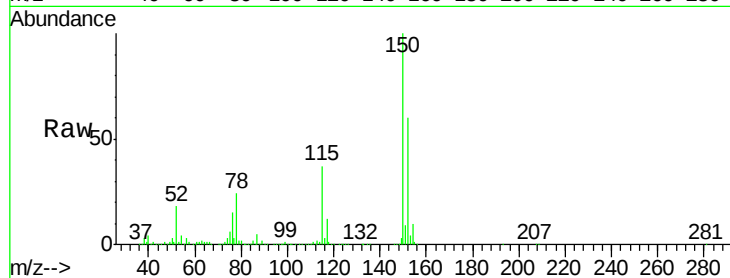
Tot Ion:152 Resp: 302431

Ion Ratio Lower Upper

152 100

115 59.2 40.9 122.8

150 160.7 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

