

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\
 Data File : VX014796.D
 Acq On : 03 Feb 2020 15:34
 Operator : JC/SP
 Sample : L1329-19DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5DL

Quant Time: Feb 03 18:23:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

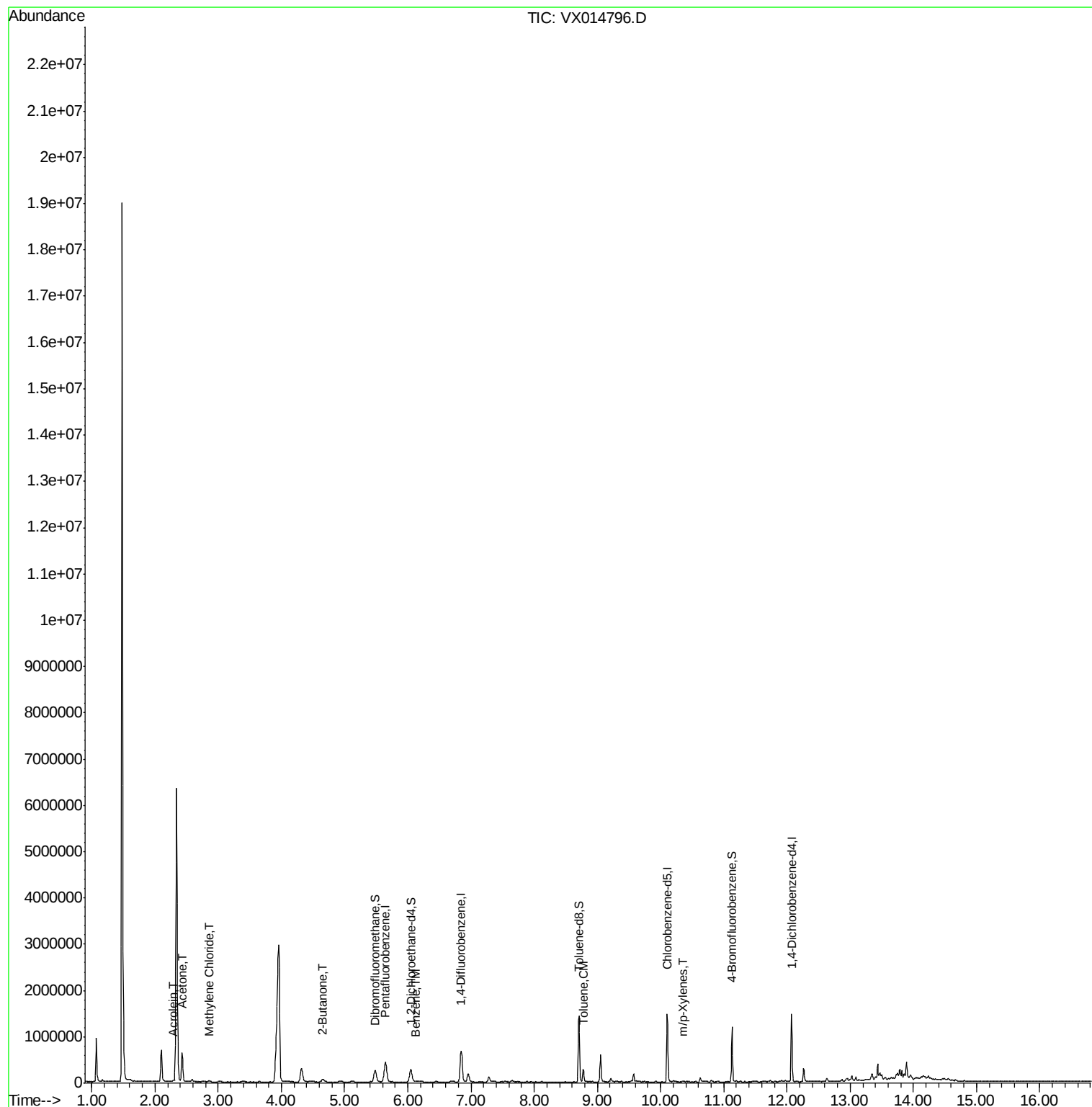
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	445199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	260181	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
35) Dibromofluoromethane	5.48	113	214593	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	842524	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	302388	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
Target Compounds						
					Qvalue	
13) Acrolein	2.29	56	26094	28.353	ug/l	92
16) Acetone	2.43	43	655133	229.938	ug/l	98
20) Methylene Chloride	2.85	84	11053	2.096	ug/l	95
25) 2-Butanone	4.65	43	87575	21.452	ug/l	99
40) Benzene	6.13	78	19453	0.969	ug/l	96
52) Toluene	8.78	92	100433	8.136	ug/l	95
68) m/p-Xylenes	10.36	106	1896	0.208	ug/l	98

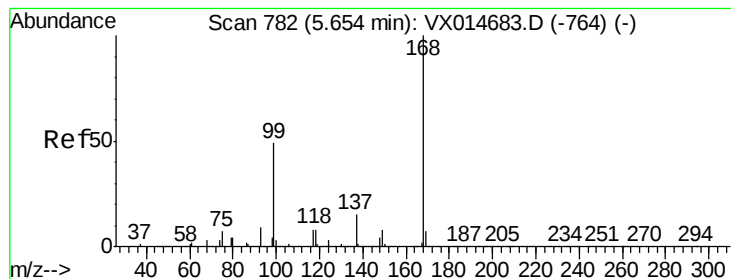
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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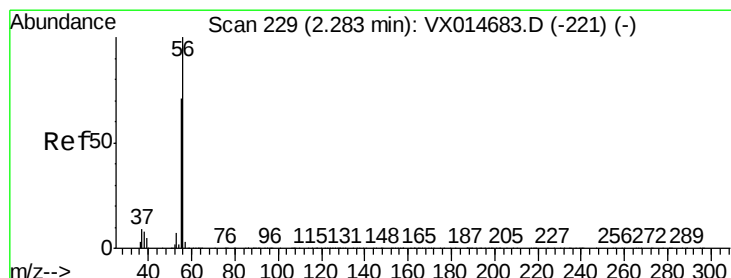
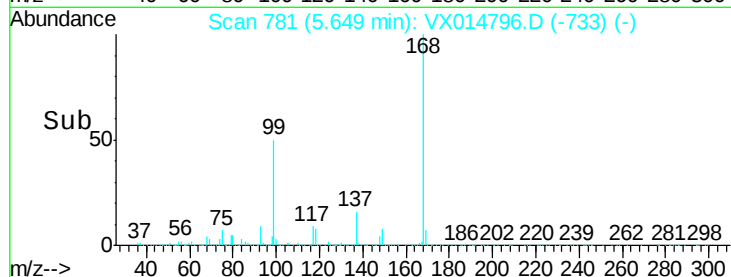
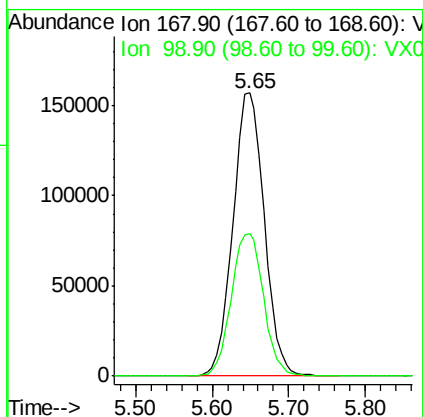
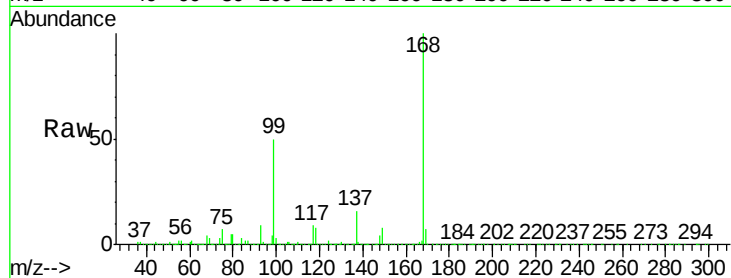


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014796.D
 Acq: 03 Feb 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-5DL

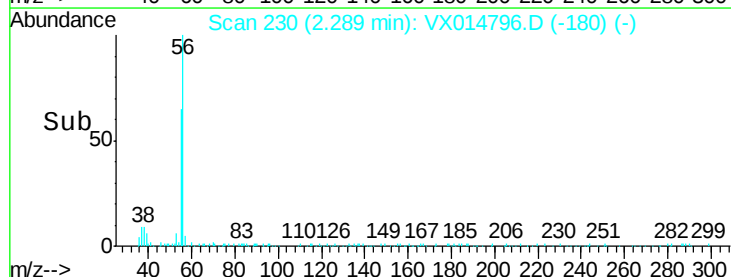
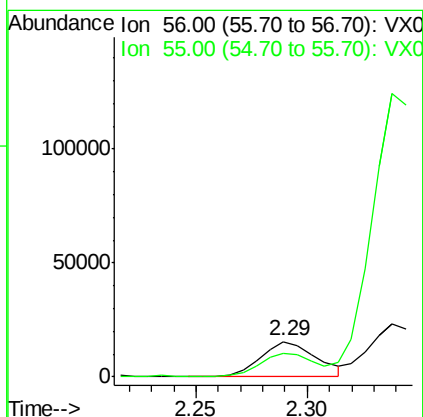
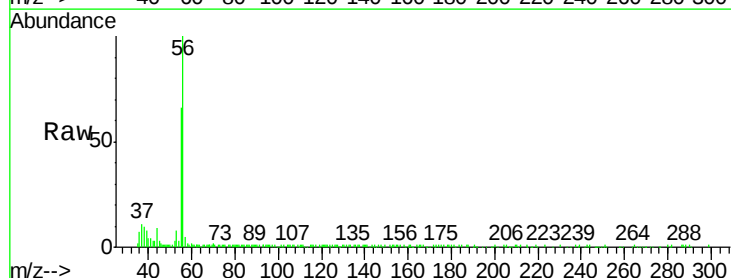
Tot Ion:168 Resp: 445199
 Ion Ratio Lower Upper
 168 100
 99 50.2 39.8 59.6

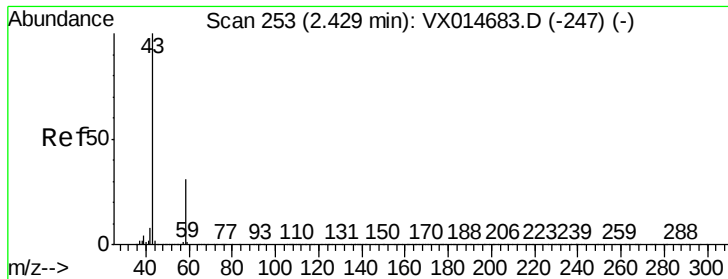


#13

Acrolein
 Concen: 28.353 ug/l
 RT: 2.29 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VX014796.D
 Acq: 03 Feb 2020 15:34

Tgt Ion: 56 Resp: 26094
 Ion Ratio Lower Upper
 56 100
 55 63.9 56.6 84.8





#16

Acetone

Concen: 229.938 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

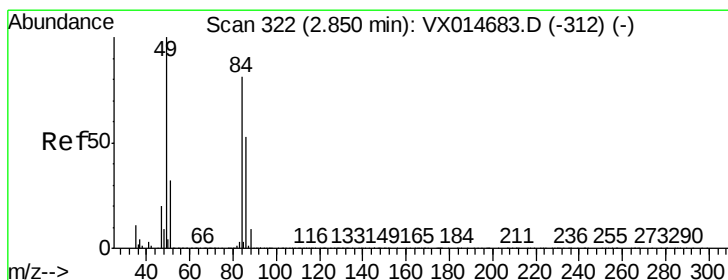
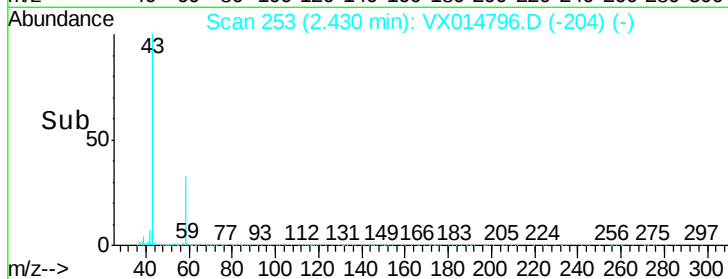
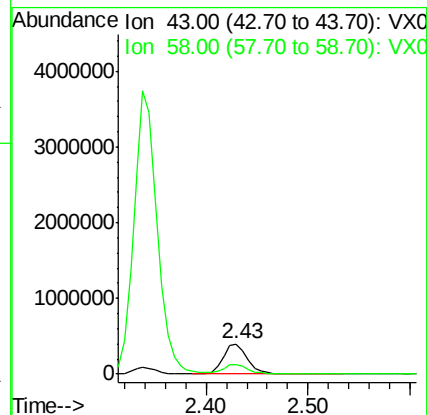
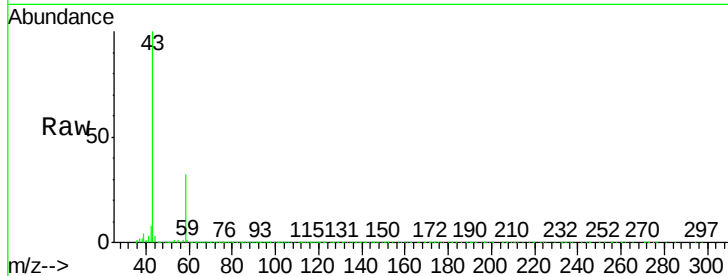
COMP-5DL

Tot Ion: 43 Resp: 655133

Ion Ratio Lower Upper

43 100

58 31.8 24.5 36.7



#20

Methylene Chloride

Concen: 2.096 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

Tgt Ion: 84 Resp: 11053

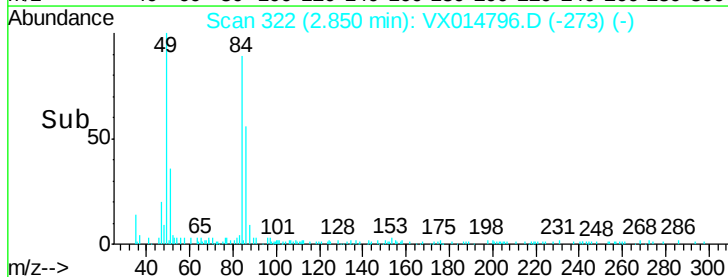
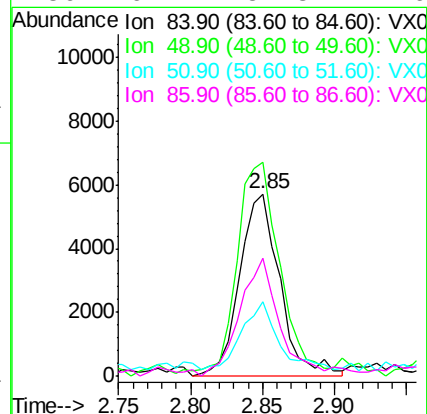
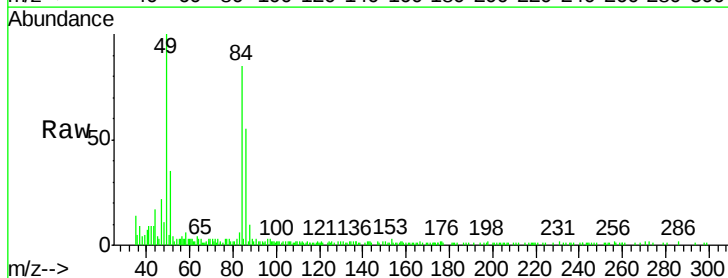
Ion Ratio Lower Upper

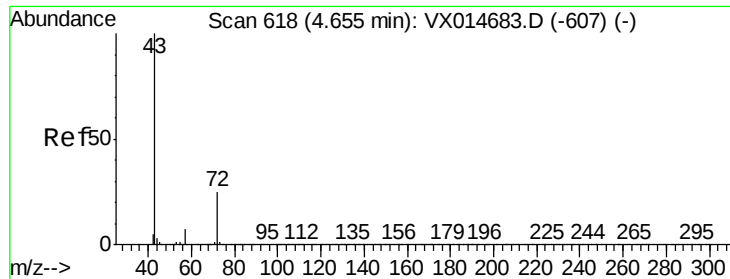
84 100

49 115.8 98.2 147.4

51 37.5 31.3 46.9

86 62.1 51.8 77.6





#25

2-Butanone

Concen: 21.452 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

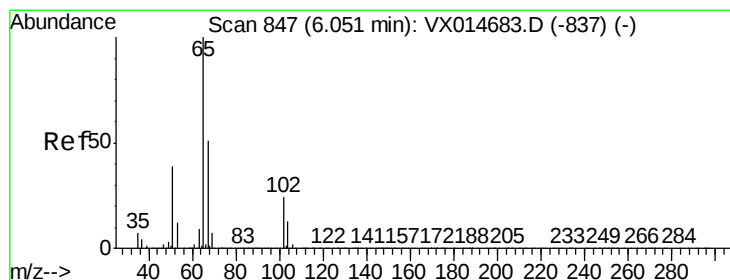
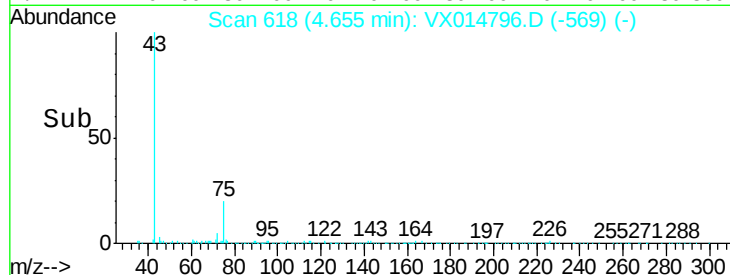
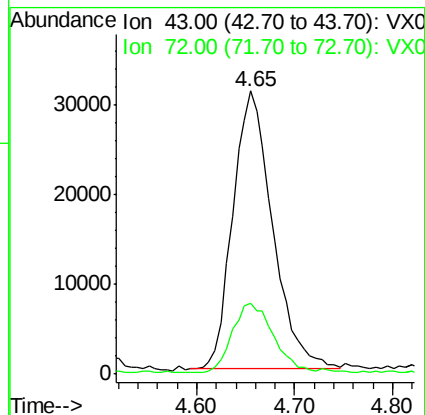
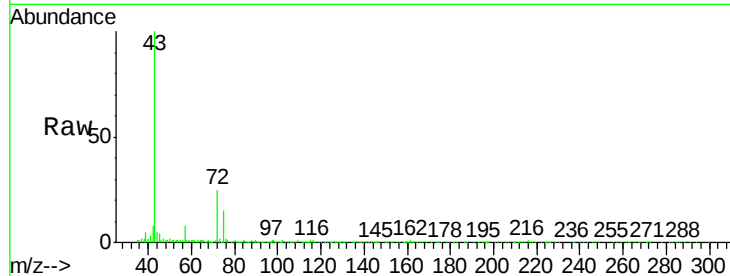
COMP-5DL

Tot Ion: 43 Resp: 87575

Ion Ratio Lower Upper

43 100

72 25.2 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 50.046 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014796.D

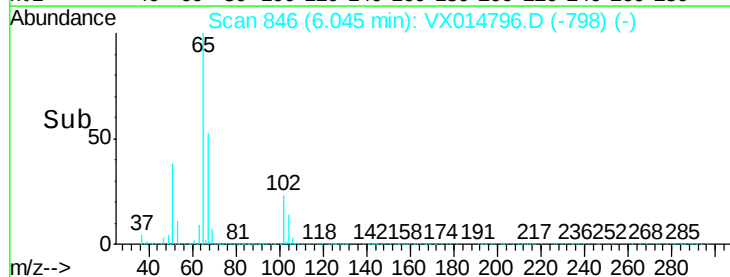
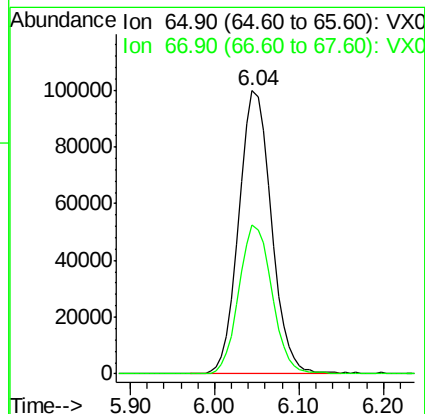
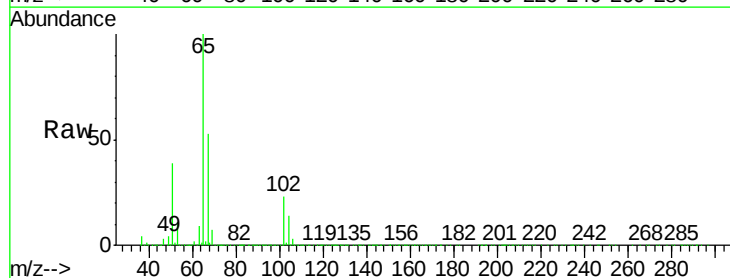
Acq: 03 Feb 2020 15:34

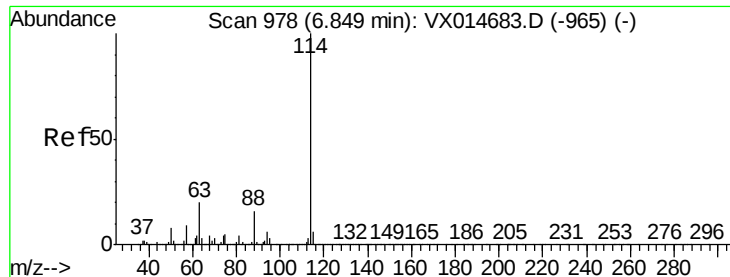
Tgt Ion: 65 Resp: 260181

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

COMP-5DL

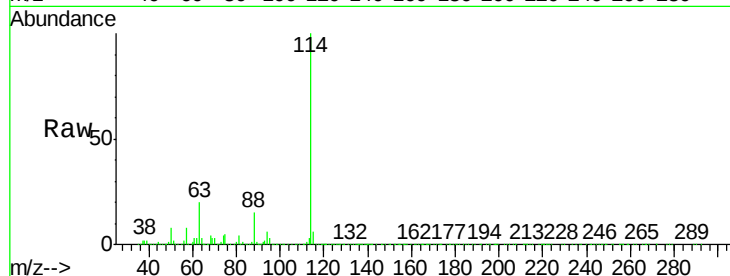
Tot Ion:114 Resp: 699440

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

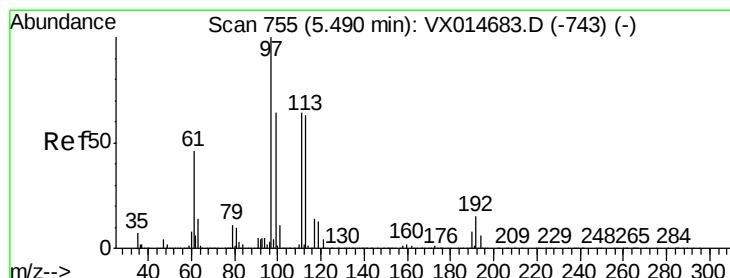
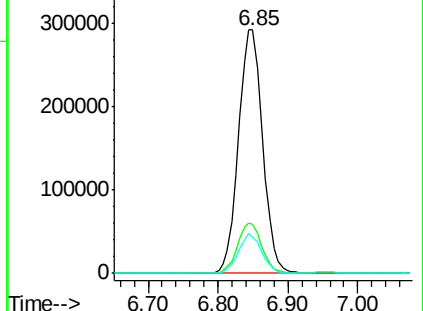
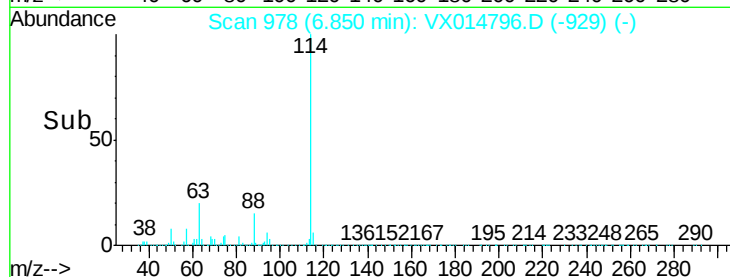
88 14.8 0.0 31.2



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: 48.623 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

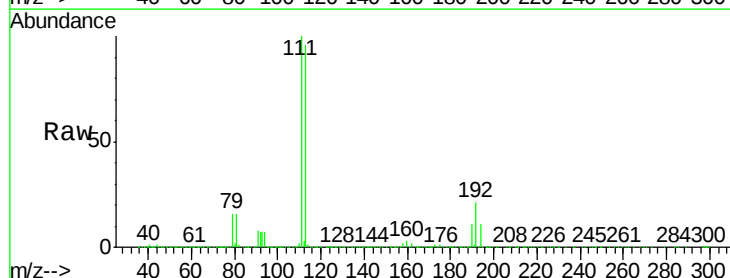
Tgt Ion:113 Resp: 214593

Ion Ratio Lower Upper

113 100

111 104.0 80.7 121.1

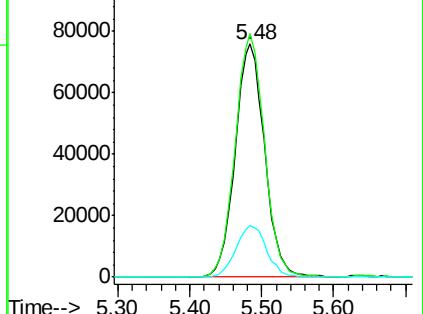
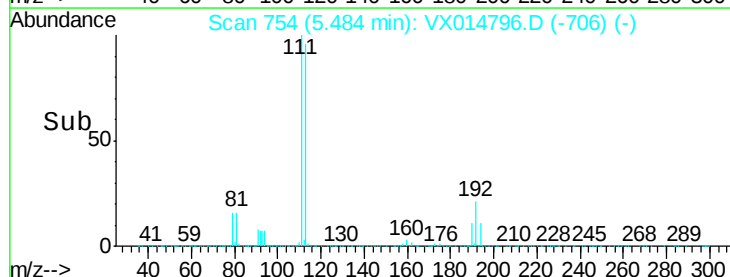
192 22.8 18.5 27.7

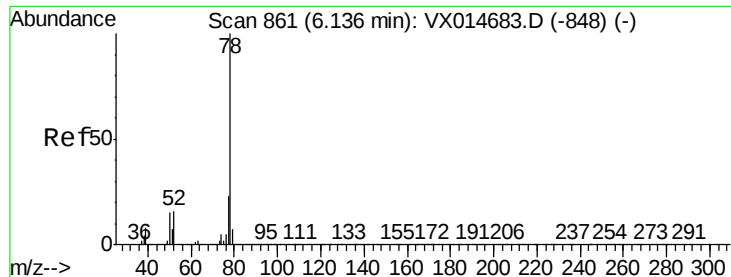


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.969 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

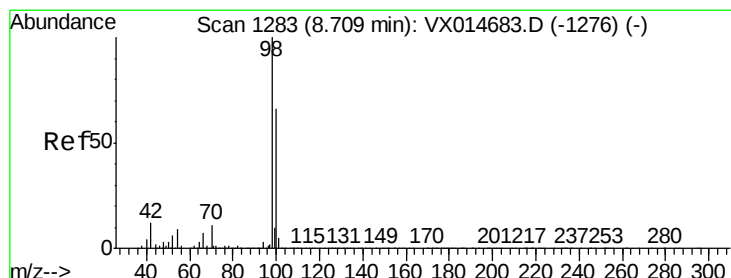
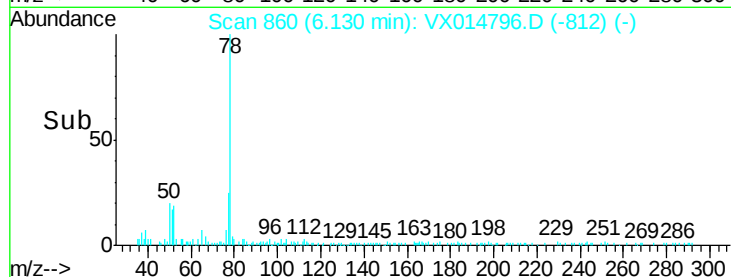
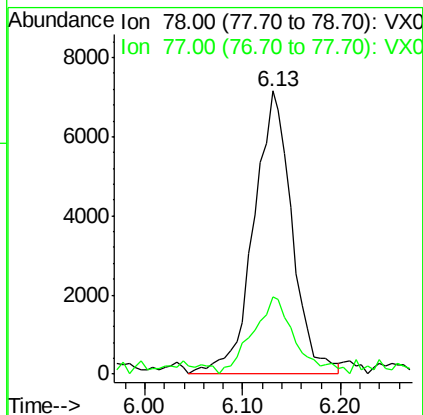
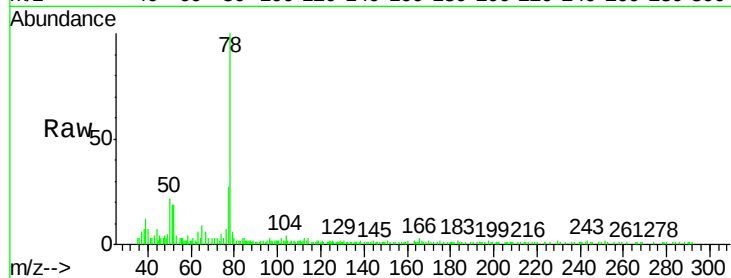
COMP-5DL

Tot Ion: 78 Resp: 19453

Ion Ratio Lower Upper

78 100

77 25.2 18.7 28.1



#50

Toluene-d8

Concen: 49.657 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014796.D

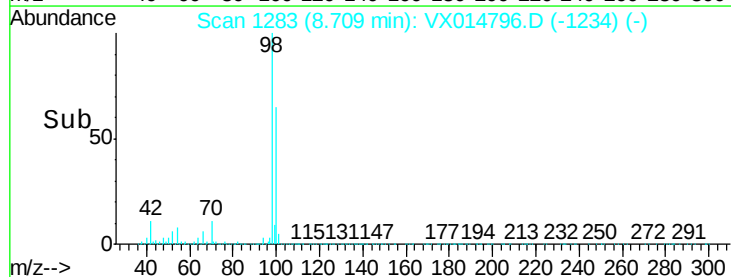
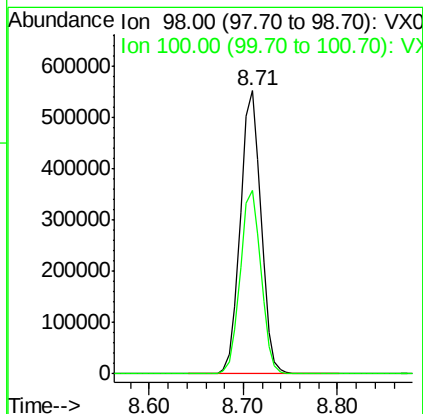
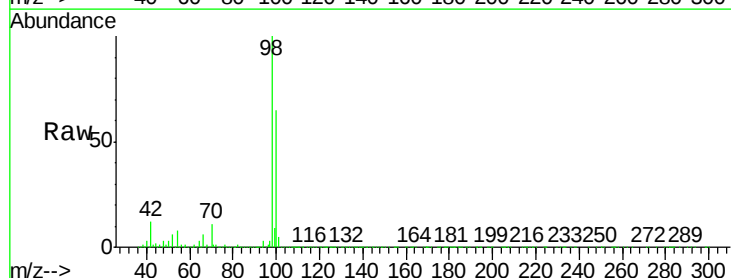
Acq: 03 Feb 2020 15:34

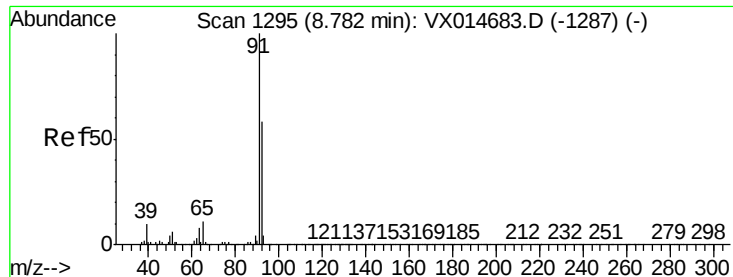
Tgt Ion: 98 Resp: 842524

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





#52

Toluene

Concen: 8.136 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

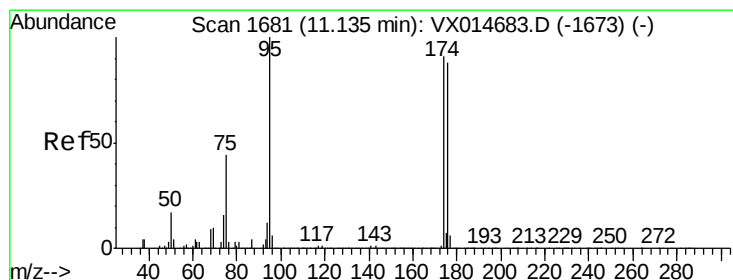
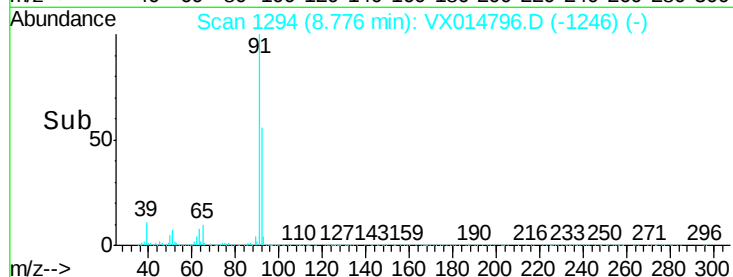
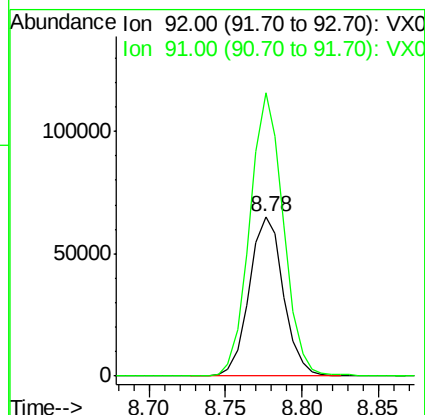
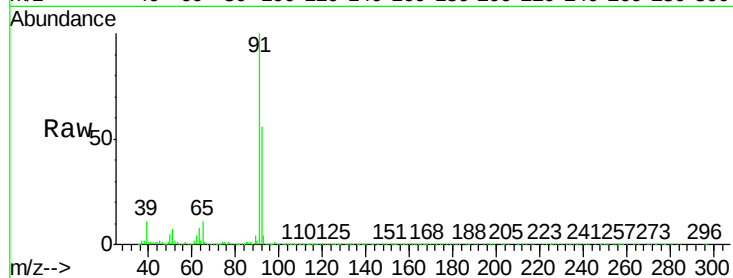
COMP-5DL

Tot Ion: 92 Resp: 100433

Ion Ratio Lower Upper

92 100

91 176.5 135.9 203.9



#62

4-Bromofluorobenzene

Concen: 50.031 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

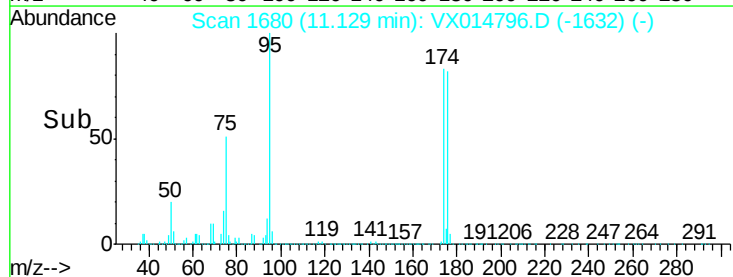
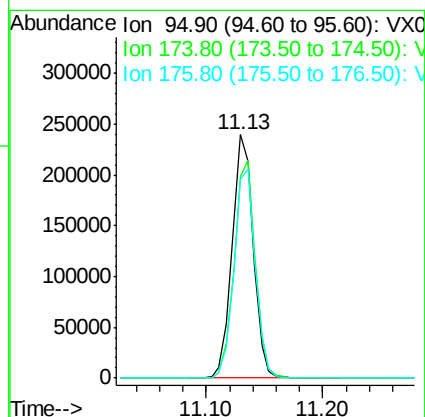
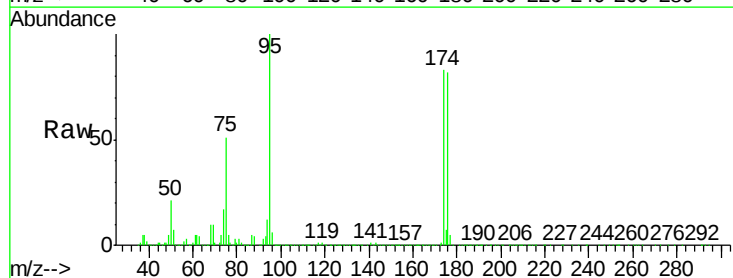
Tgt Ion: 95 Resp: 302388

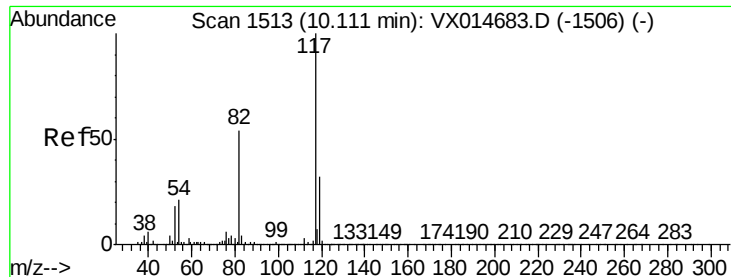
Ion Ratio Lower Upper

95 100

174 89.6 0.0 176.0

176 86.7 0.0 172.2

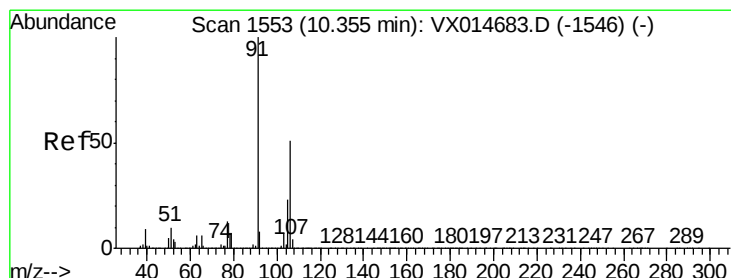
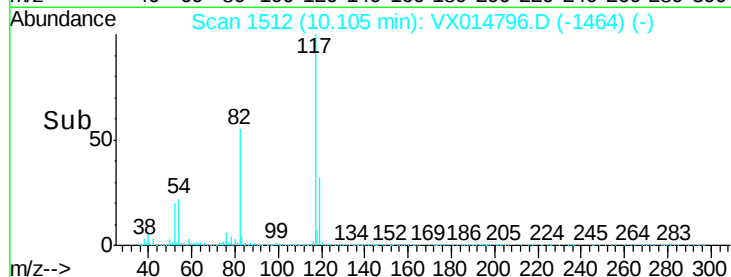
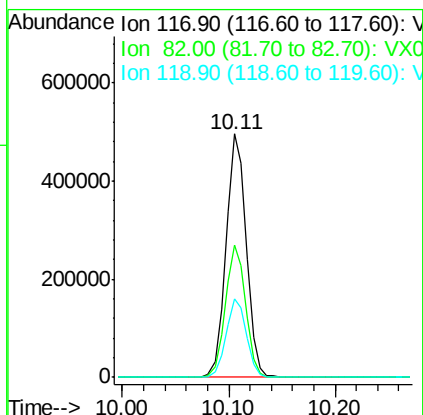
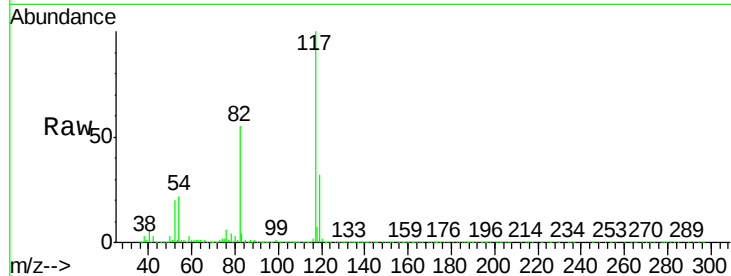




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014796.D
Acq: 03 Feb 2020 15:34

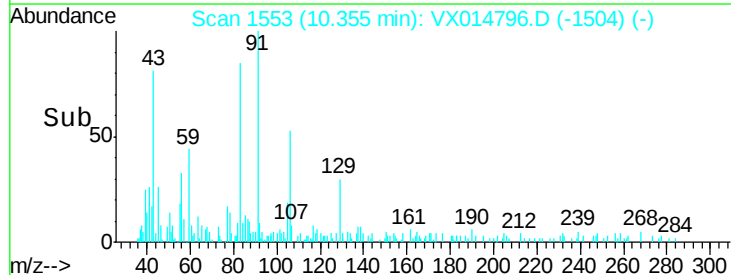
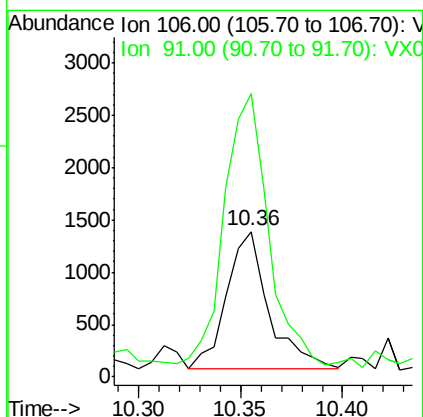
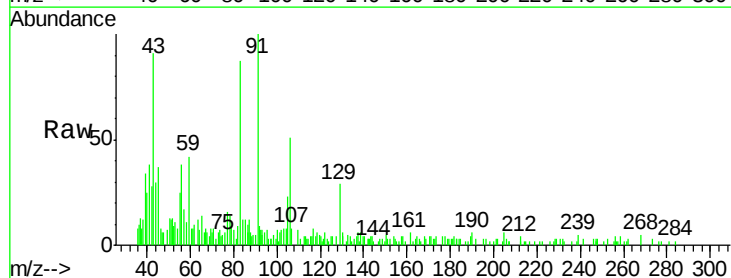
Instrument :
MSVOA_X
ClientSampleId :
COMP-5DL

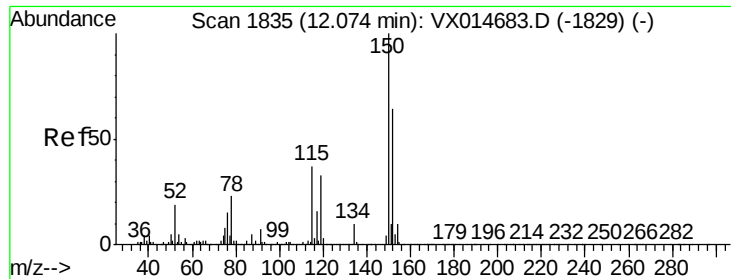
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.2	64.8
119	32.0	25.8	38.6



#68
m/p-Xylenes
Concen: 0.208 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014796.D
Acq: 03 Feb 2020 15:34

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.1	159.4	239.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014796.D

Acq: 03 Feb 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

COMP-5DL

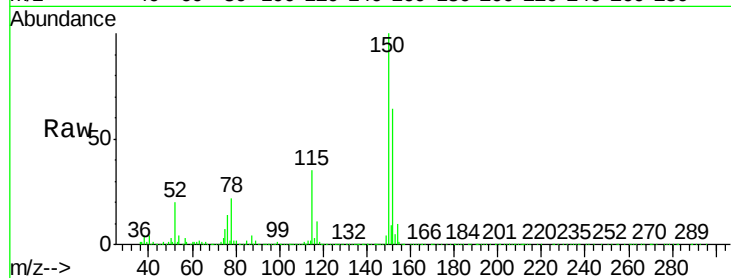
Tot Ion:152 Resp: 319476

Ion Ratio Lower Upper

152 100

115 54.9 39.4 118.1

150 155.8 0.0 351.2



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

