

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013795.D
 Acq On : 06 Dec 2019 13:32
 Operator : JC/SP
 Sample : K6184-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20191203

Quant Time: Dec 07 03:50:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

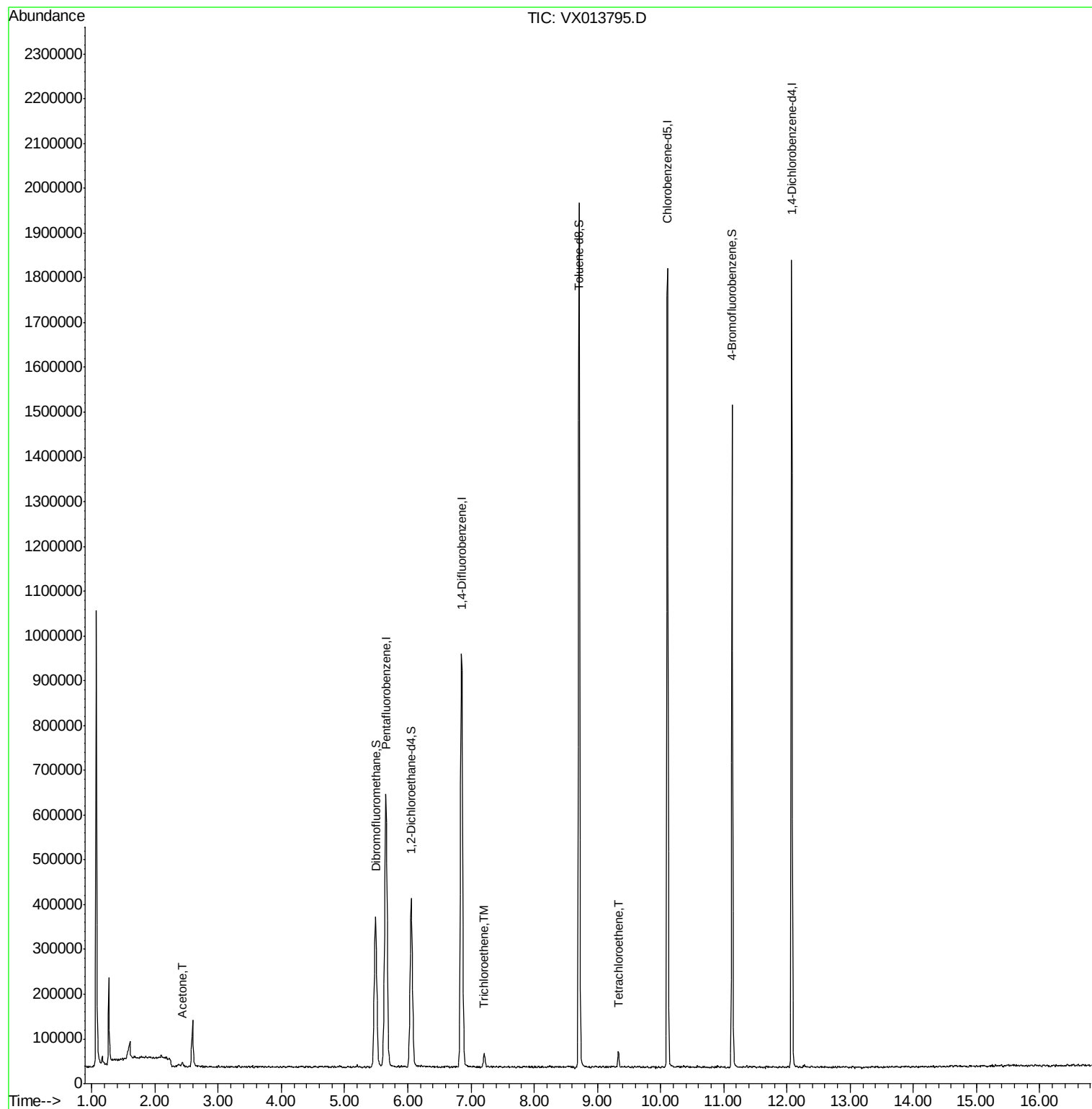
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	636064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	976880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	855376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	376868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	349388	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.49	113	289050	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1141436	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.14	95	378484	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
16) Acetone	2.44	43	10524	2.887	ug/l	99
44) Trichloroethene	7.21	130	12741	1.719	ug/l	99
64) Tetrachloroethene	9.33	164	7408	1.161	ug/l #	87

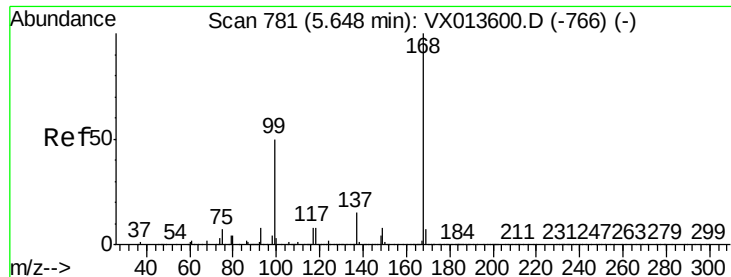
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013795.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

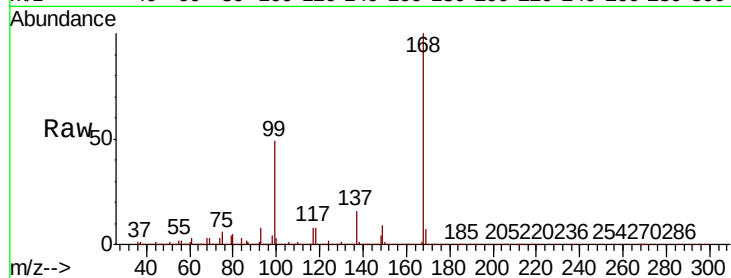
RE123D2-20191203

Tot Ion:168 Resp: 636064

Ion Ratio Lower Upper

168 100

99 49.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

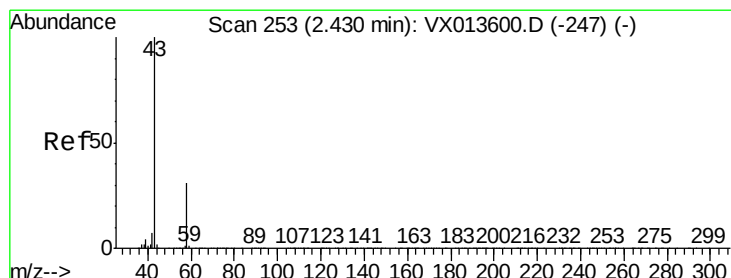
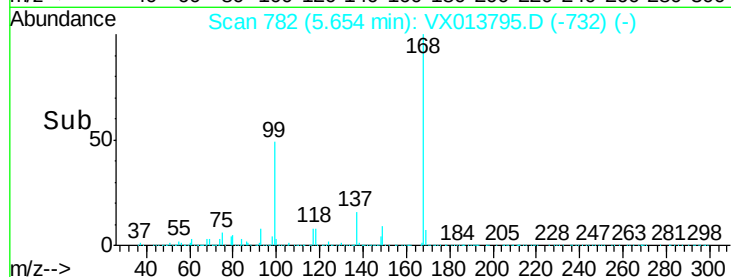
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.887 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013795.D

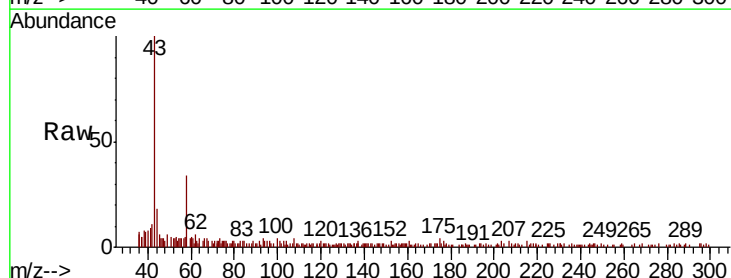
Acq: 06 Dec 2019 13:32

Tgt Ion: 43 Resp: 10524

Ion Ratio Lower Upper

43 100

58 31.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

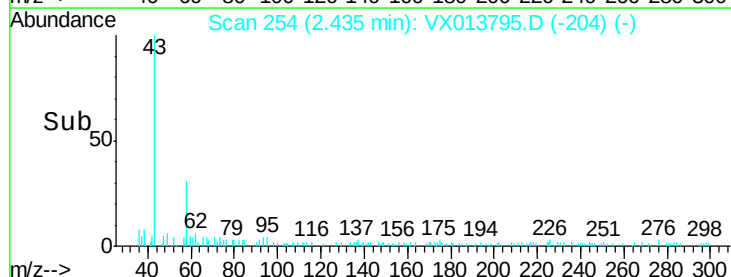
6000

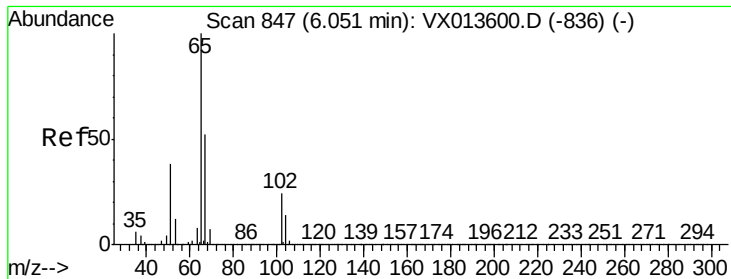
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.322 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013795.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

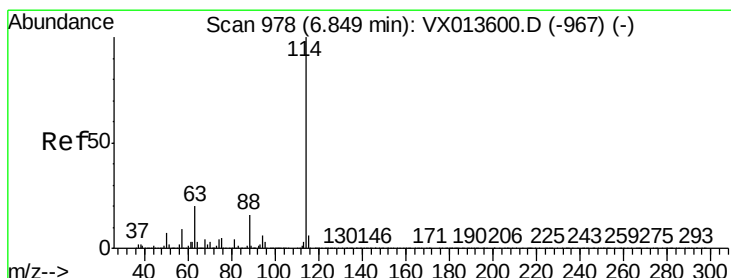
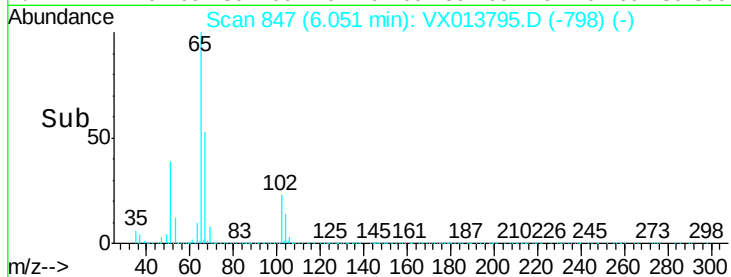
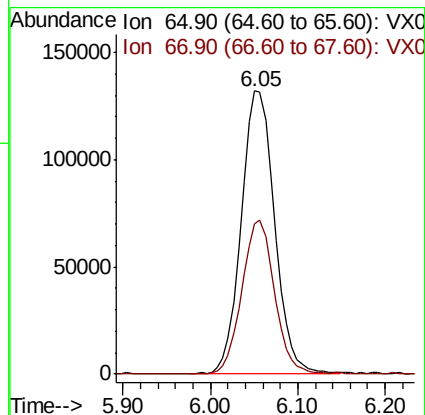
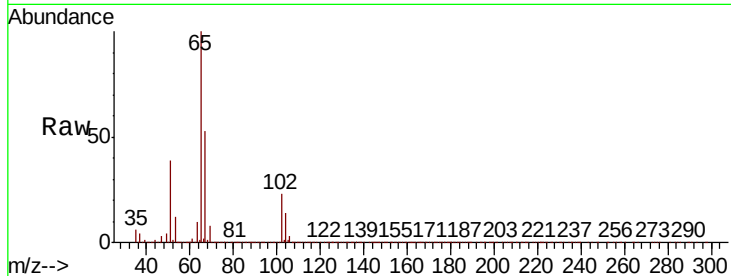
RE123D2-20191203

Tot Ion: 65 Resp: 349388

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013795.D

Acq: 06 Dec 2019 13:32

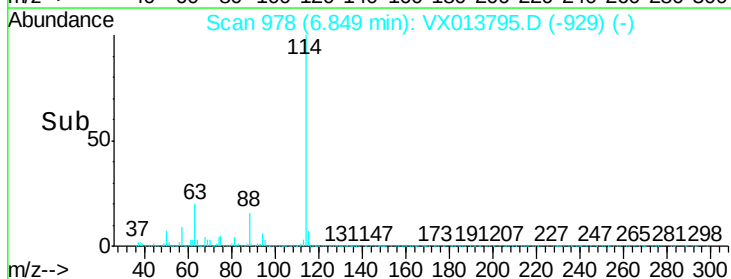
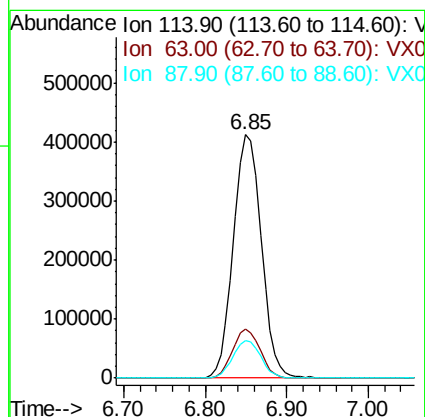
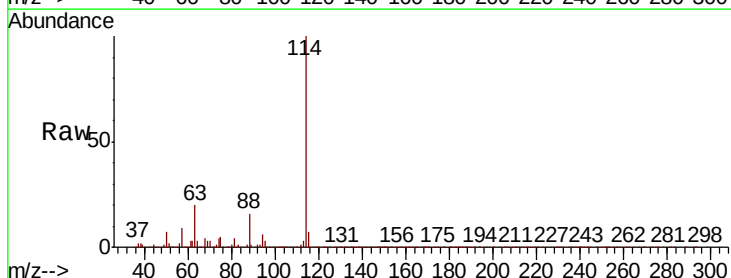
Tgt Ion: 114 Resp: 976880

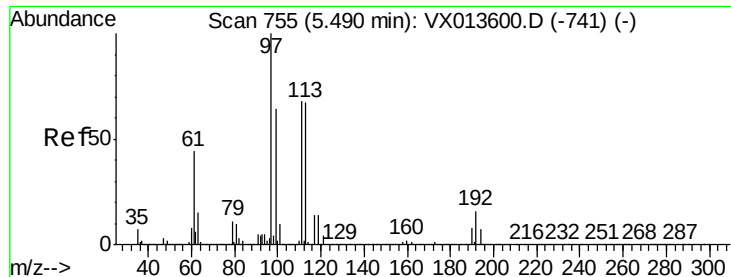
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.862 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013795.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-20191203

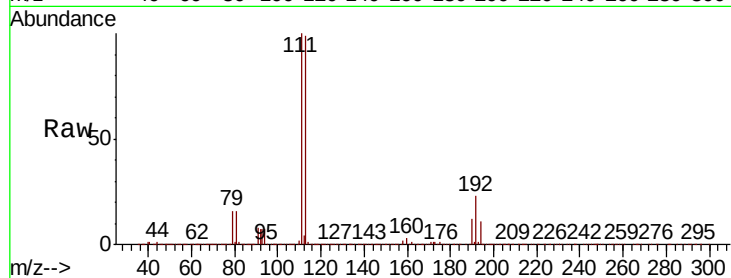
Tot Ion:113 Resp: 289050

Ion Ratio Lower Upper

113 100

111 103.7 83.6 125.4

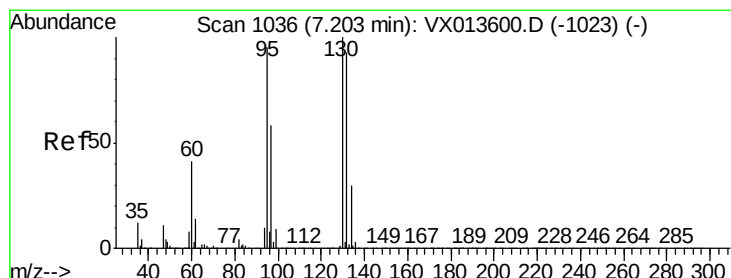
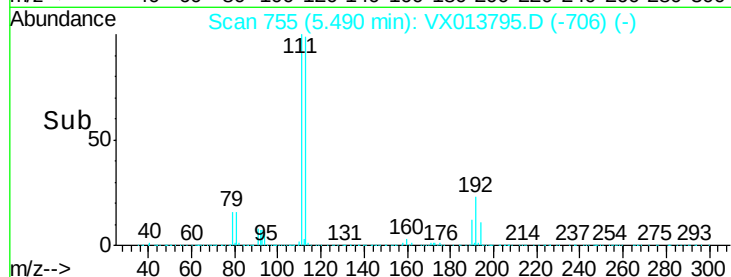
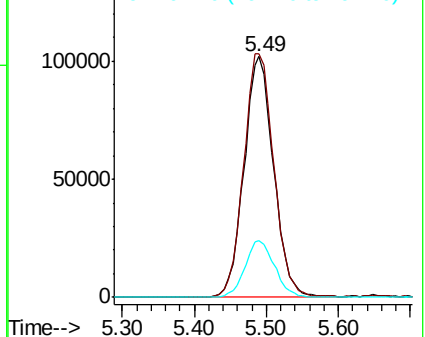
192 23.6 19.2 28.8



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



#44

Trichloroethene

Concen: 1.719 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013795.D

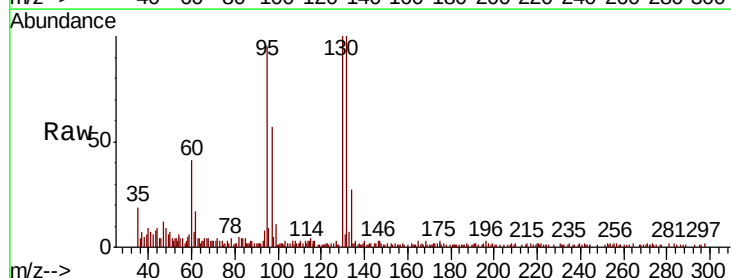
Acq: 06 Dec 2019 13:32

Tgt Ion:130 Resp: 12741

Ion Ratio Lower Upper

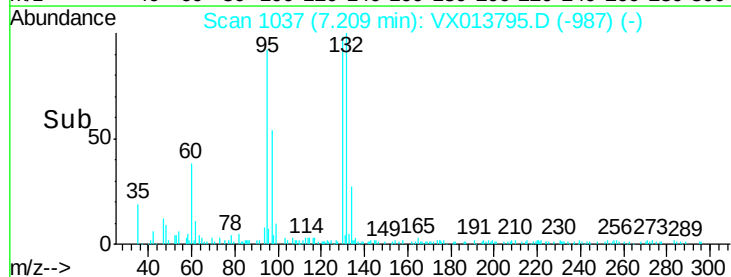
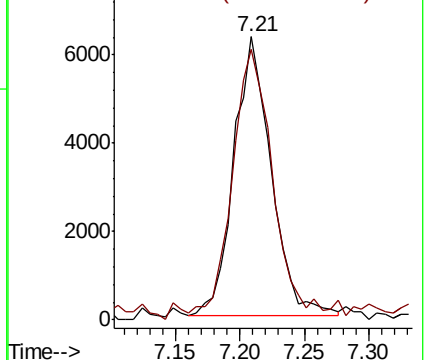
130 100

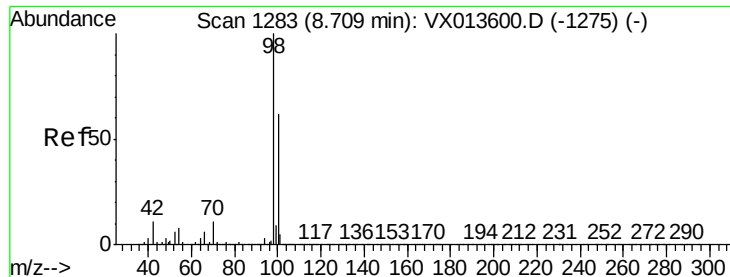
95 94.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.511 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013795.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

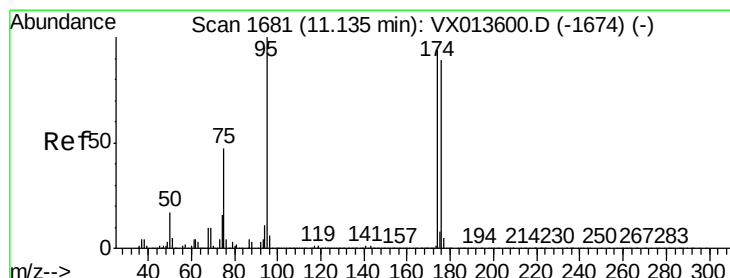
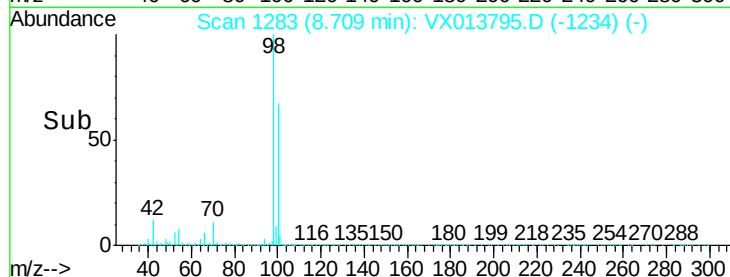
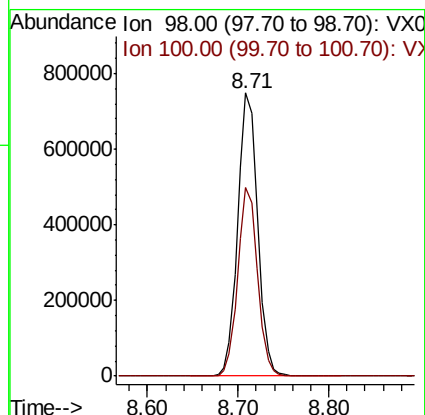
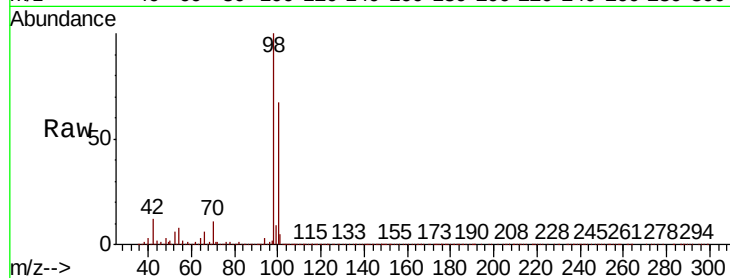
RE123D2-20191203

Tot Ion: 98 Resp: 1141436

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.607 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013795.D

Acq: 06 Dec 2019 13:32

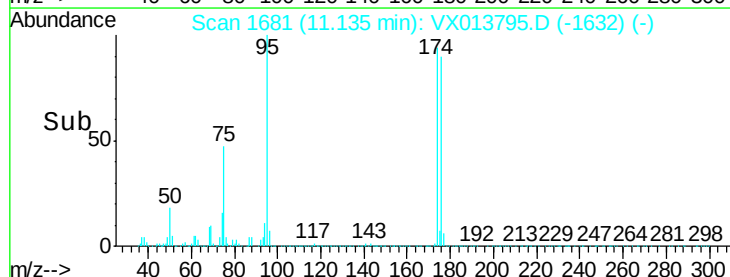
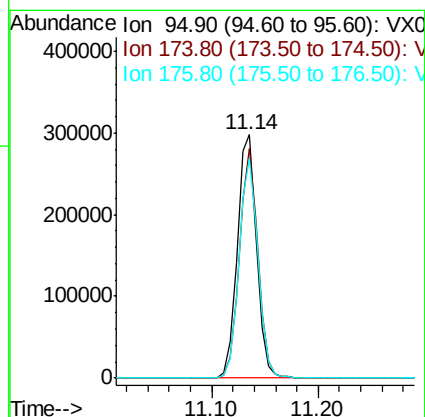
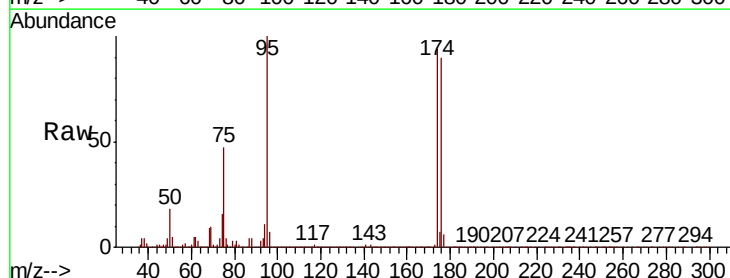
Tgt Ion: 95 Resp: 378484

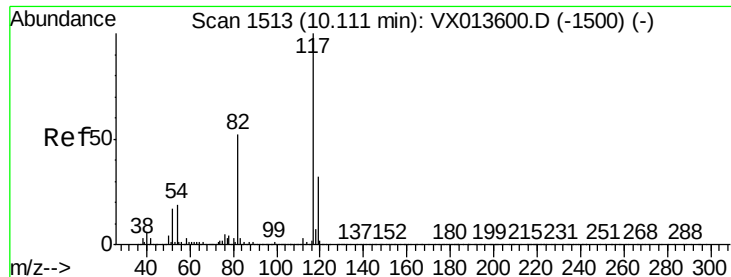
Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.0

176 88.6 0.0 173.6

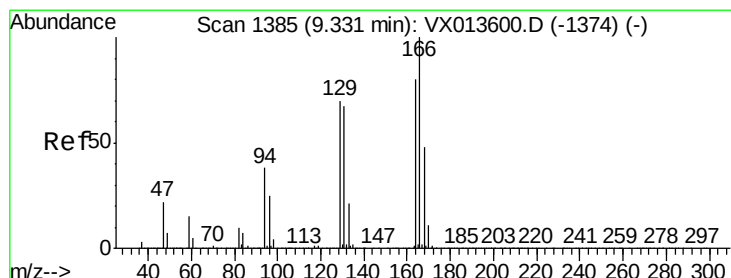
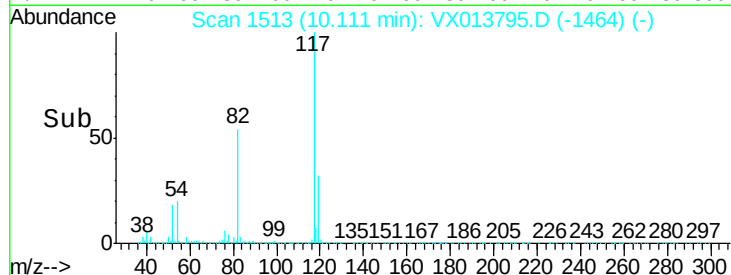
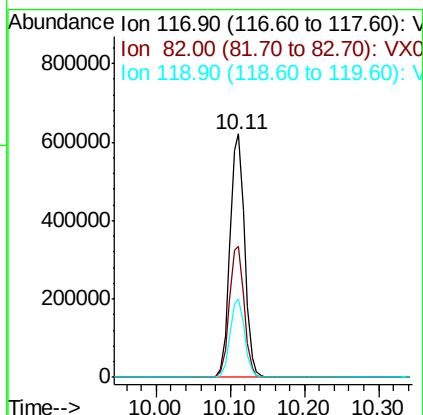
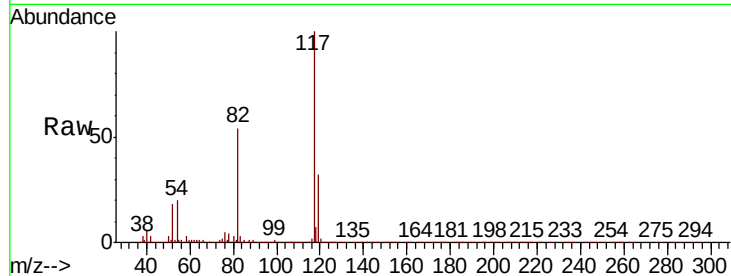




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013795.D
Acq: 06 Dec 2019 13:32

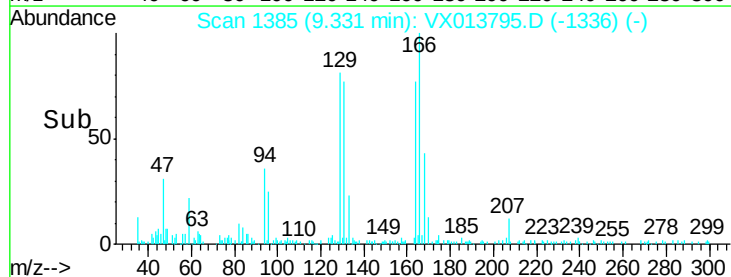
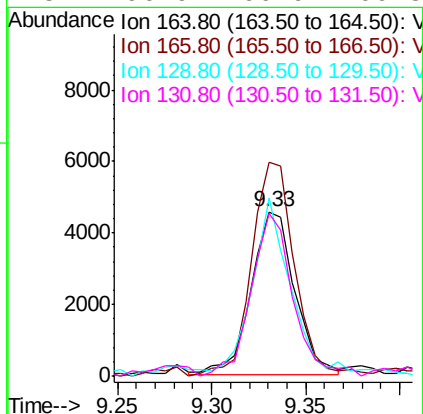
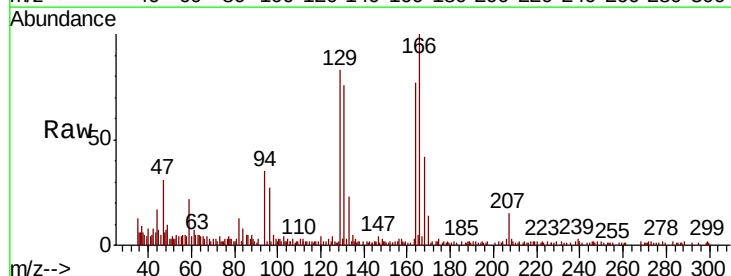
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20191203

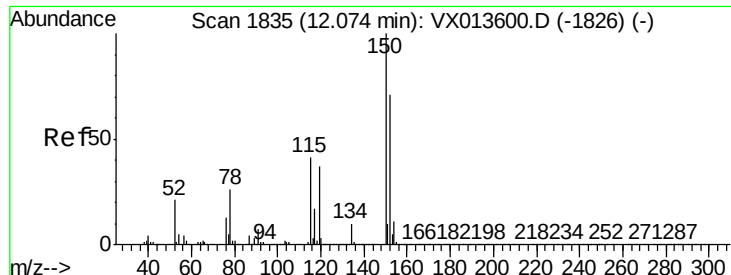
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 1.161 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013795.D
Acq: 06 Dec 2019 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	99.7	149.5
129	107.2	70.1	105.1#
131	96.9	66.9	100.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013795.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-20191203

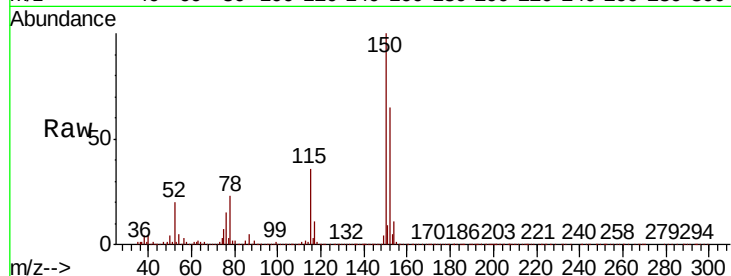
Tot Ion:152 Resp: 376868

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

150 154.7 0.0 346.8



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

