

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012583.D
 Acq On : 21 Sep 2019 02:06
 Operator : JC/SP
 Sample : K4930-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190916

Quant Time: Sep 21 04:29:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

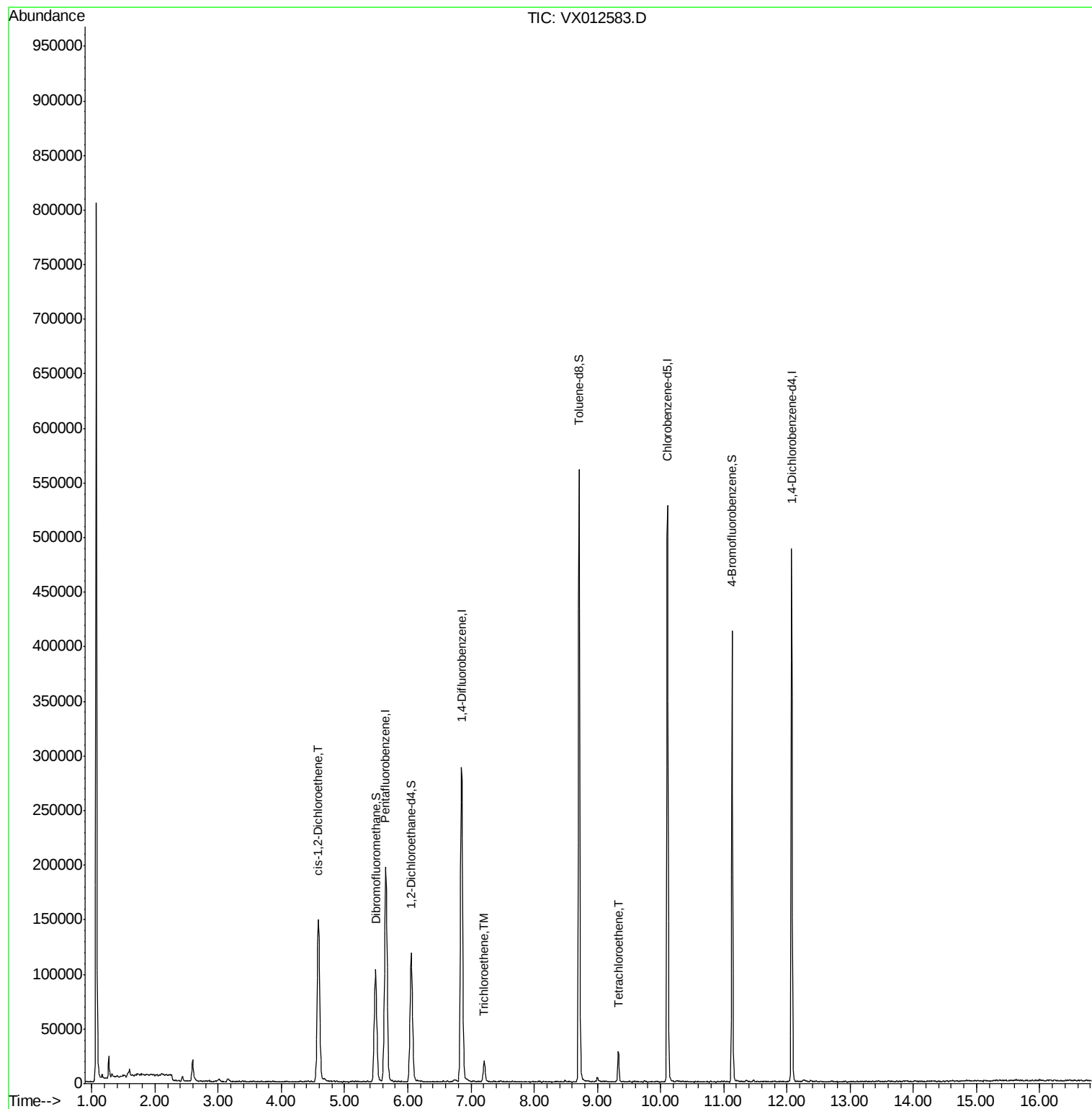
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117894	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
35) Dibromofluoromethane	5.49	113	85251	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	8.71	98	320503	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.14	95	111376	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	91319	52.733	ug/l	84
44) Trichloroethene	7.21	130	7127	5.010	ug/l	97
64) Tetrachloroethene	9.33	164	5086	4.737	ug/l	89

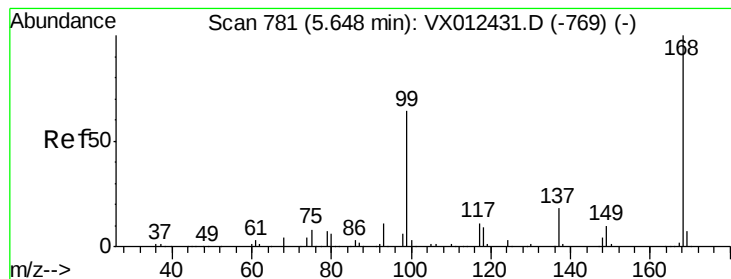
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012583.D

Acq: 21 Sep 2019 02:06

Instrument :

MSVOA_X

ClientSampleId :

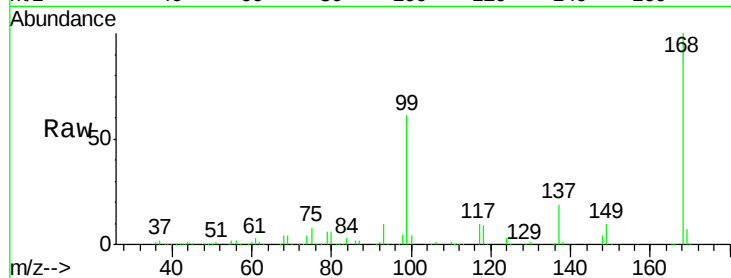
KY038PS027-190916

Tot Ion:168 Resp: 177562

Ion Ratio Lower Upper

168 100

99 61.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

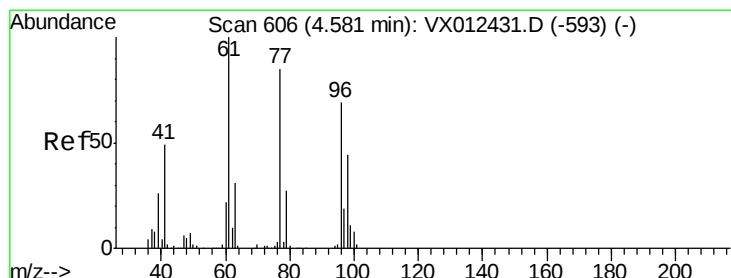
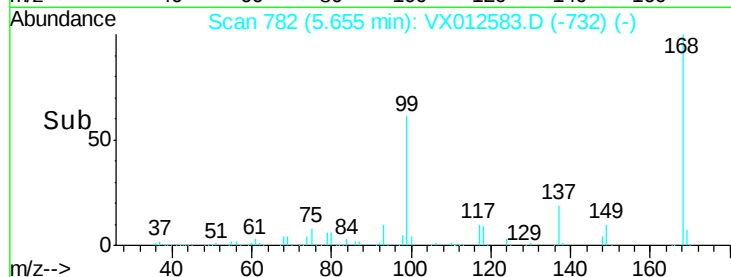
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 52.733 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012583.D

Acq: 21 Sep 2019 02:06

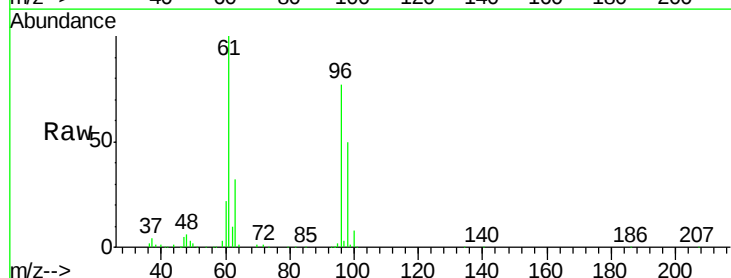
Tgt Ion: 96 Resp: 91319

Ion Ratio Lower Upper

96 100

61 131.4 0.0 319.4

98 64.6 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

60000

50000

40000

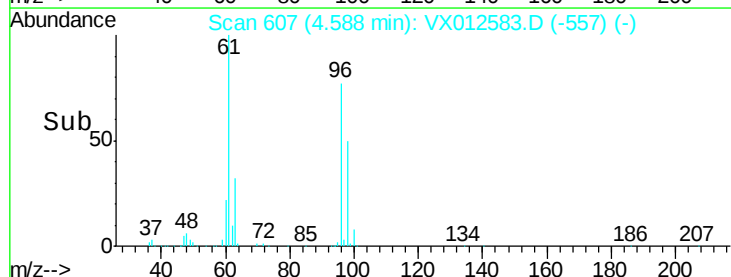
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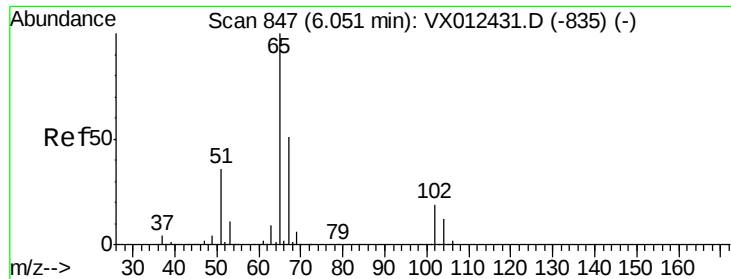
20000

10000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.327 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012583.D

Acq: 21 Sep 2019 02:06

Instrument :

MSVOA_X

ClientSampleId :

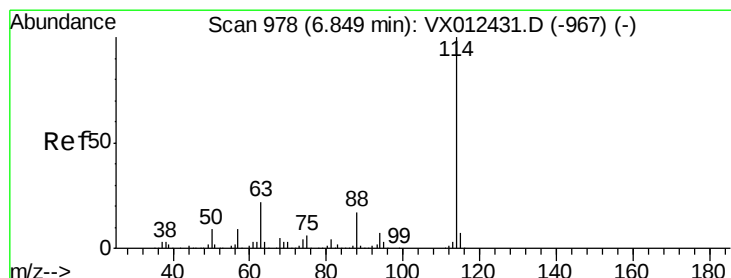
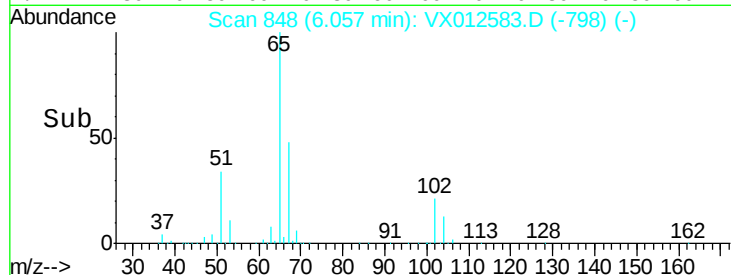
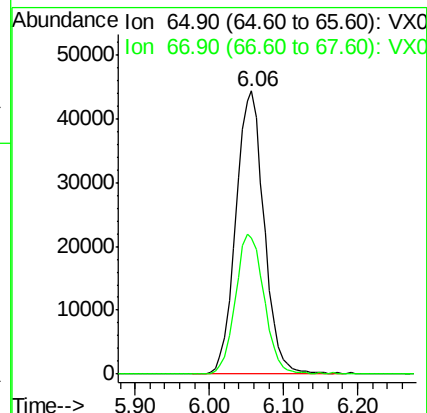
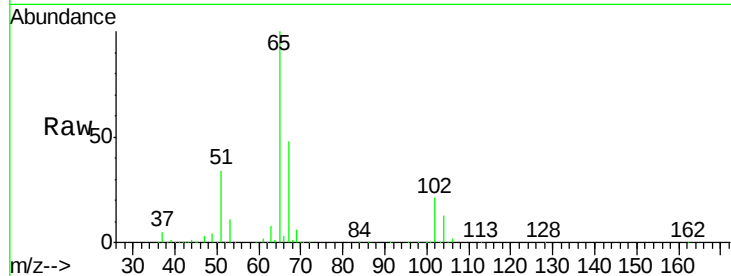
KY038PS027-190916

Tot Ion: 65 Resp: 117894

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012583.D

Acq: 21 Sep 2019 02:06

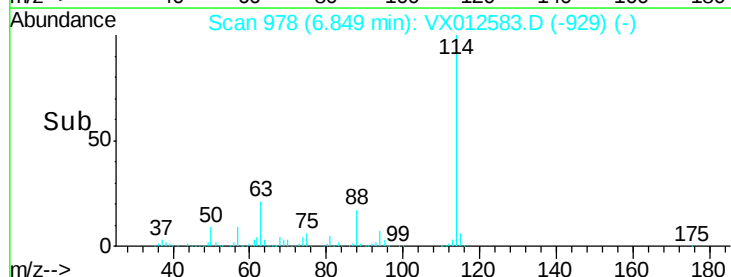
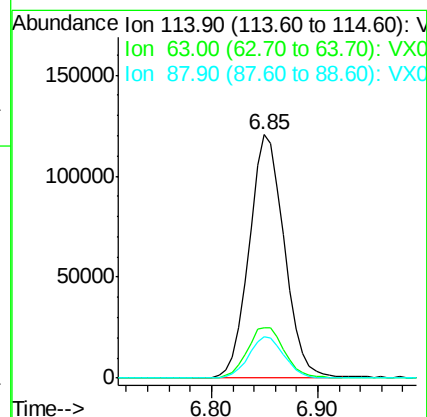
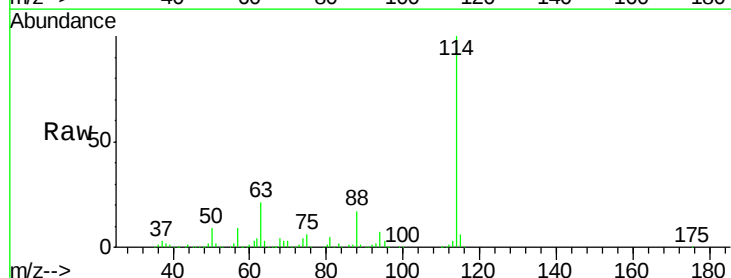
Tgt Ion: 114 Resp: 279795

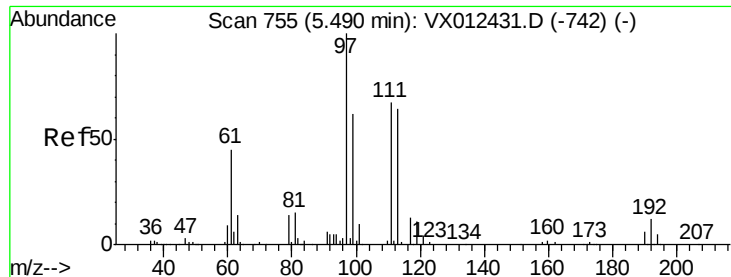
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.9 0.0 33.2

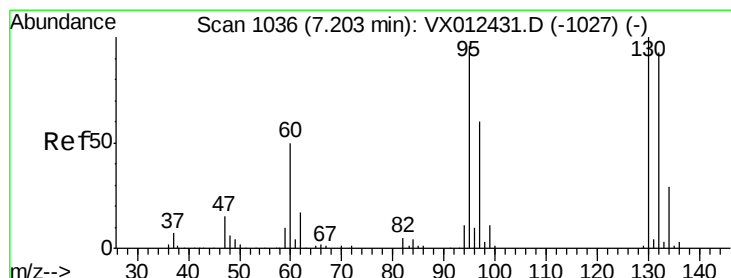
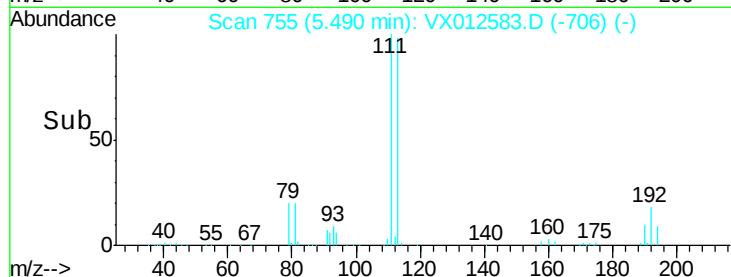
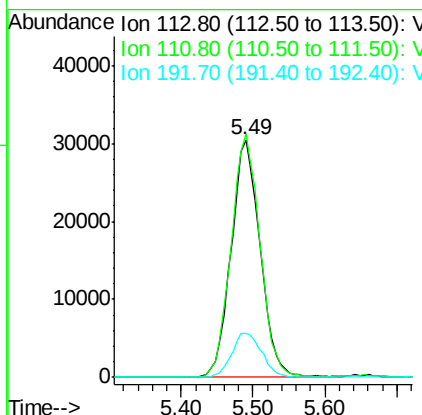
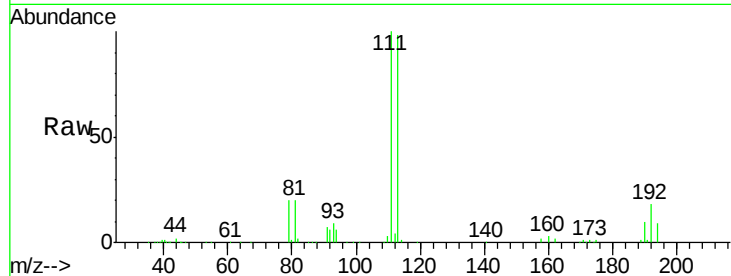




#35
 Dibromofluoromethane
 Concen: 50.341 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012583.D
 Acq: 21 Sep 2019 02:06

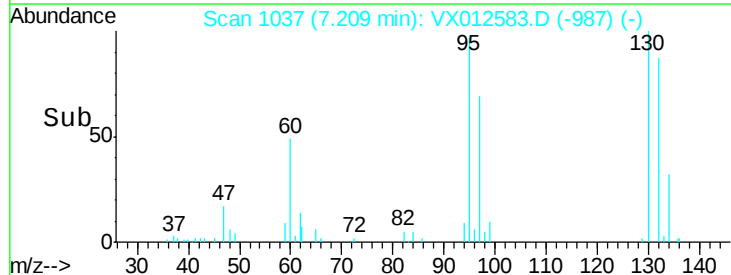
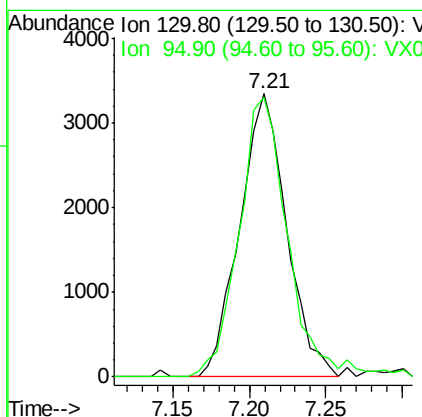
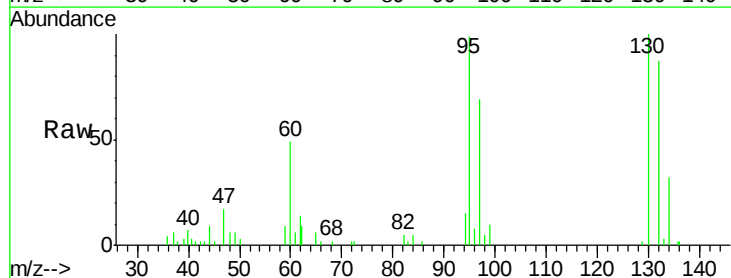
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190916

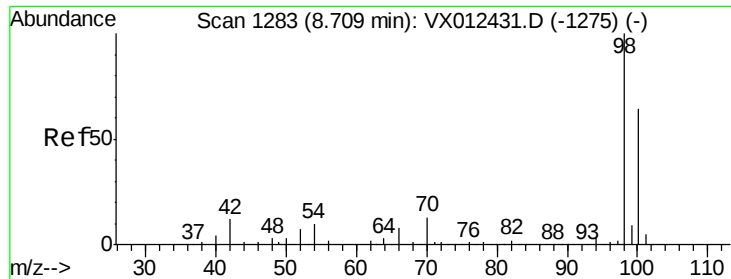
Tot Ion:113 Resp: 85251
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 19.3 14.4 21.6



#44
 Trichloroethene
 Concen: 5.010 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012583.D
 Acq: 21 Sep 2019 02:06

Tgt Ion:130 Resp: 7127
 Ion Ratio Lower Upper
 130 100
 95 99.0 0.0 193.0

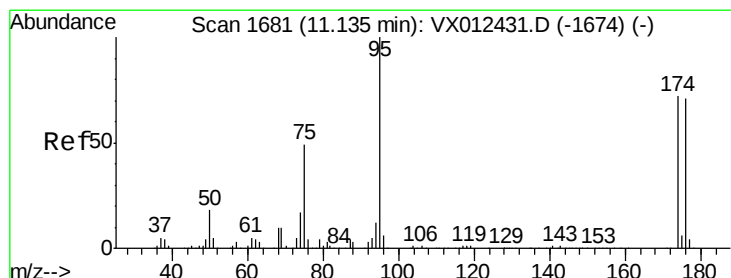
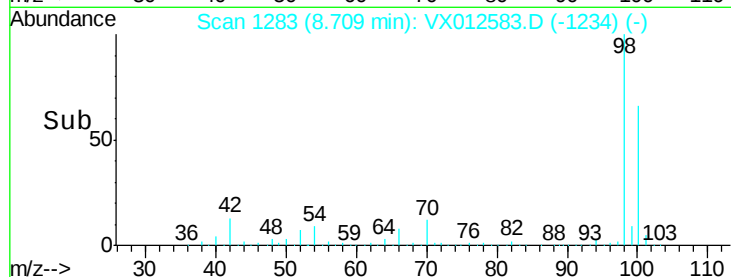
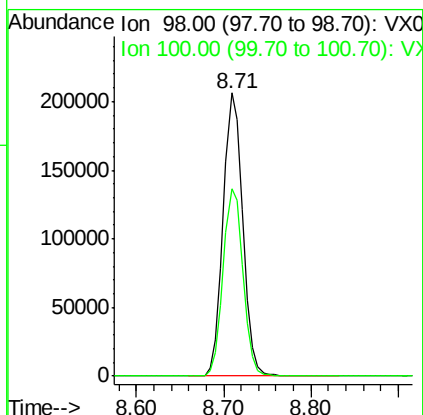
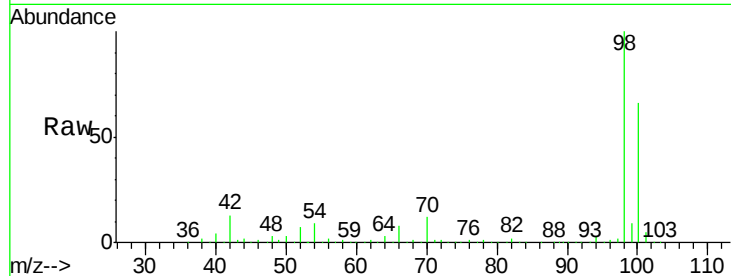




#50
Toluene-d8
Concen: 51.131 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012583.D
Acq: 21 Sep 2019 02:06

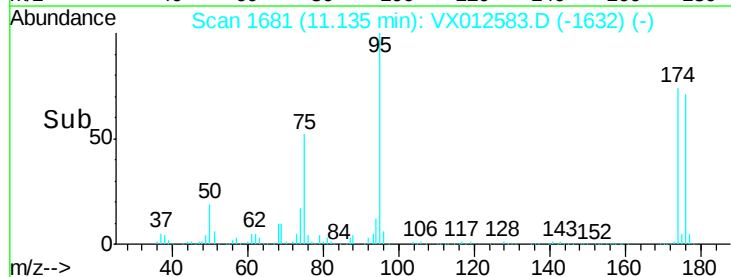
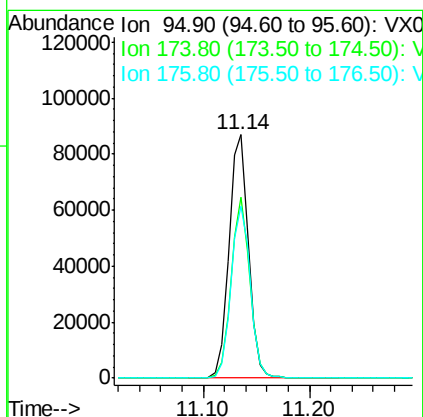
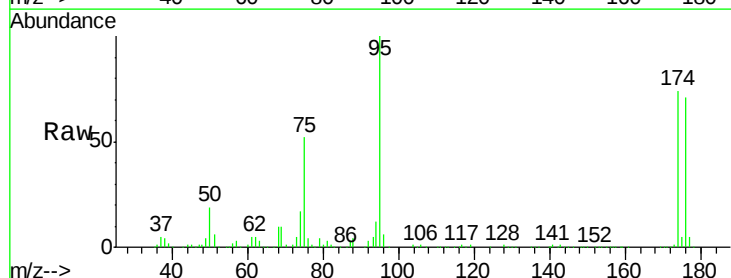
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

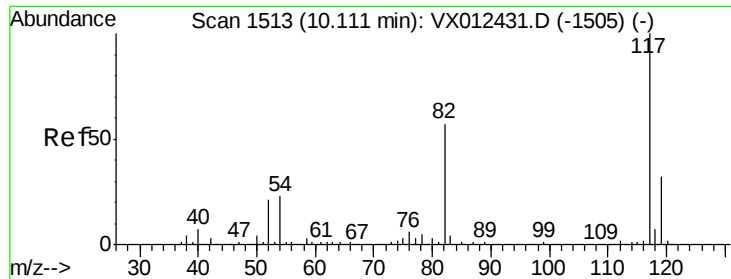
Tot Ion: 98 Resp: 320503
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.793 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012583.D
Acq: 21 Sep 2019 02:06

Tgt Ion: 95 Resp: 111376
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.0
176 70.3 0.0 135.4

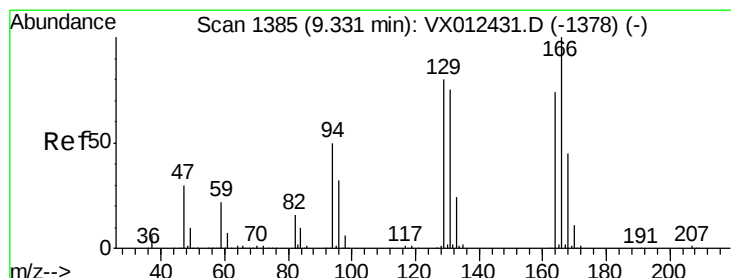
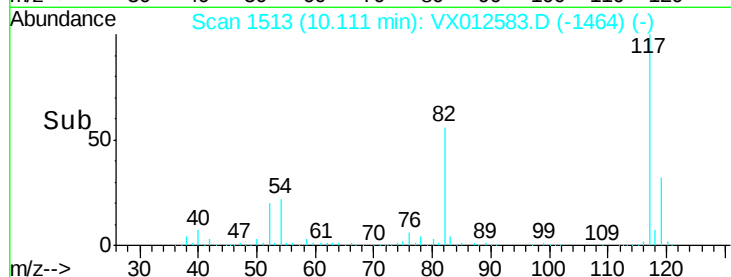
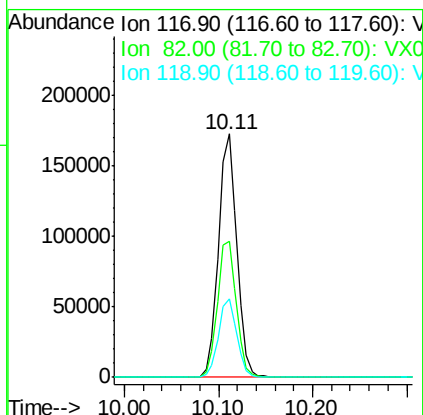
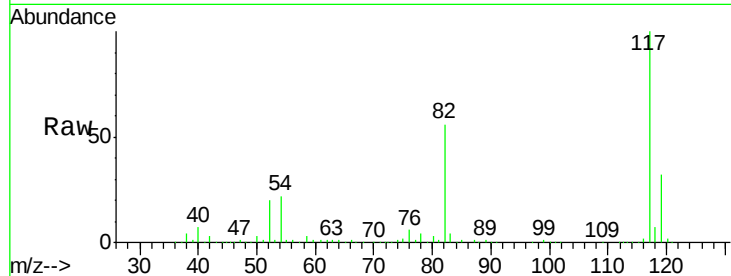




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012583.D
Acq: 21 Sep 2019 02:06

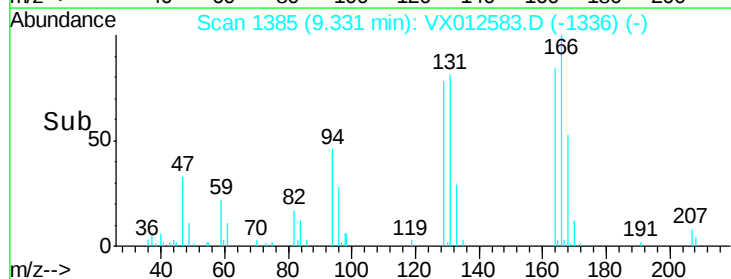
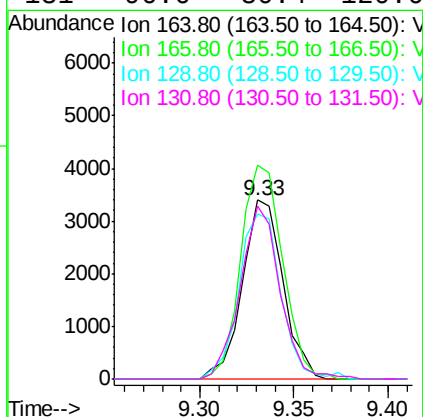
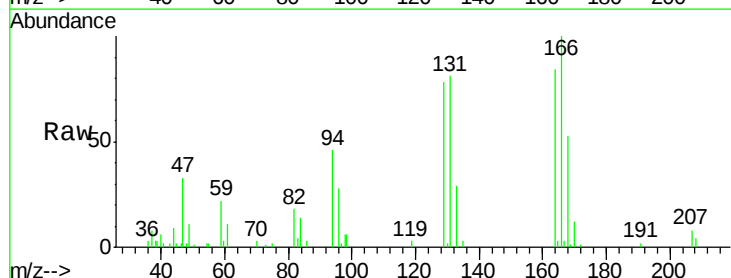
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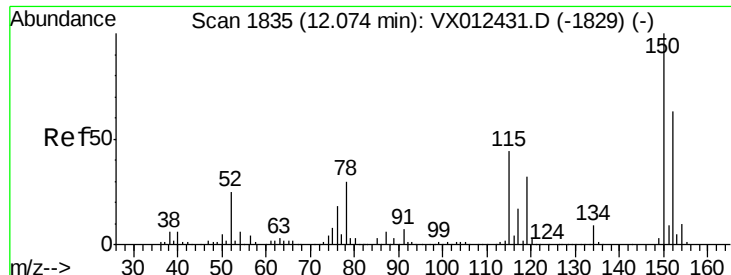
Tot Ion:117 Resp: 234301
Ion Ratio Lower Upper
117 100
82 55.8 45.9 68.9
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 4.737 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012583.D
Acq: 21 Sep 2019 02:06

Tgt Ion:164 Resp: 5086
Ion Ratio Lower Upper
164 100
166 119.5 107.8 161.6
129 92.7 86.2 129.2
131 96.6 80.4 120.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012583.D

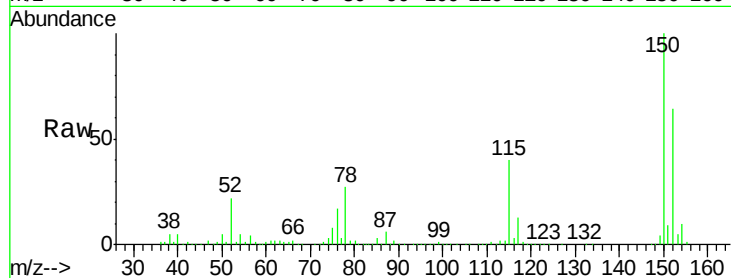
Acq: 21 Sep 2019 02:06

Instrument :

MSVOA_X

ClientSampleId :

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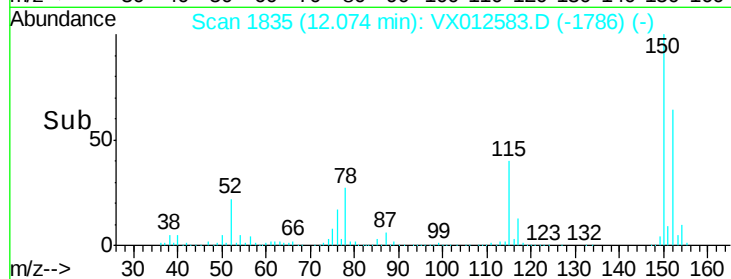
Tot Ion:152 Resp: 94212

Ion Ratio Lower Upper

152 100

115 62.0 44.1 132.3

150 153.9 0.0 343.8



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

150000

100000

50000

0

12.07

12.00 12.05 12.10 12.15

Time-->