

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012789.D
 Acq On : 03 Oct 2019 17:23
 Operator : JC/SP
 Sample : K5189-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ163I-20190930

Quant Time: Oct 04 07:33:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

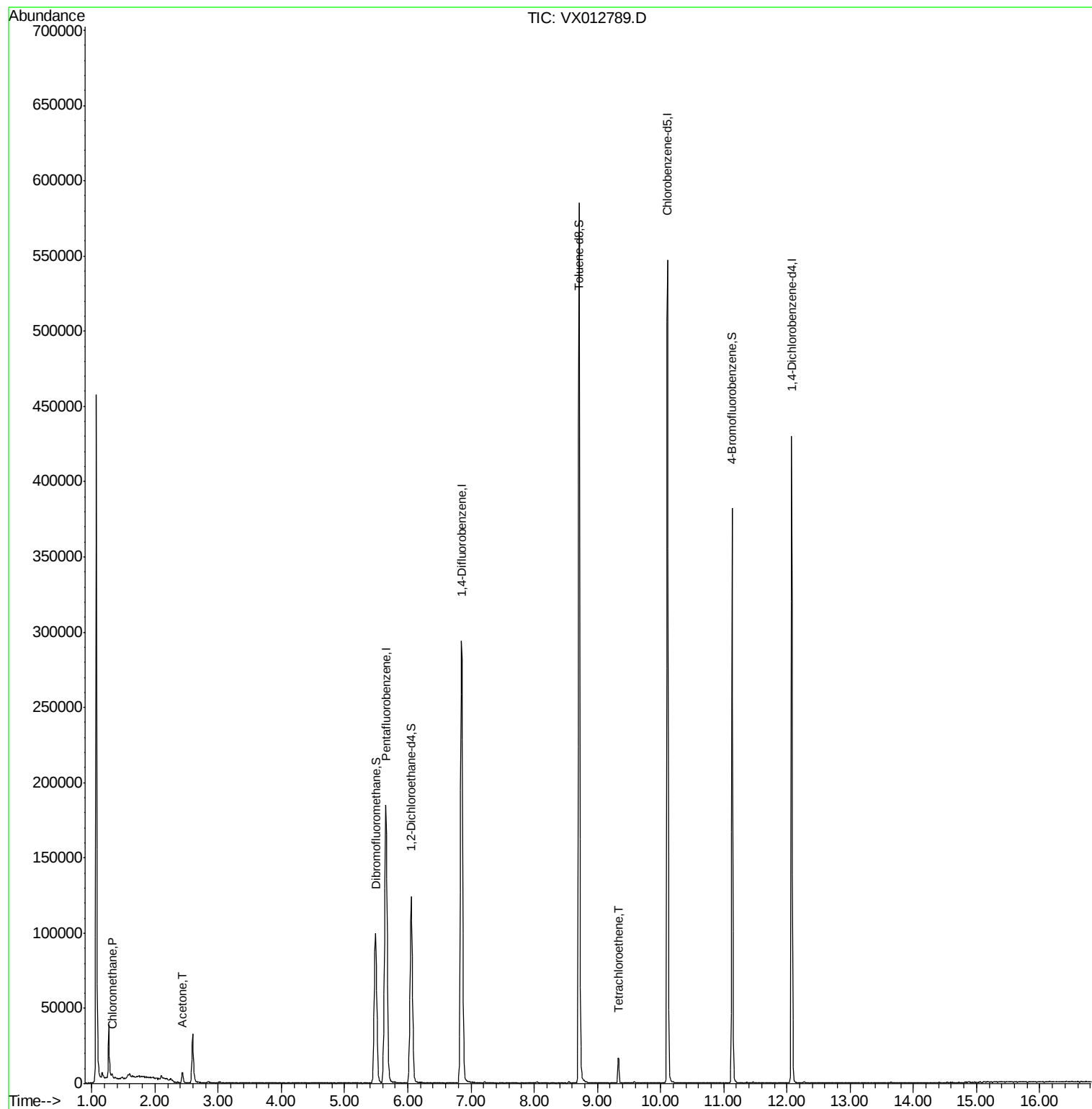
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118445	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
35) Dibromofluoromethane	5.49	113	87917	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
50) Toluene-d8	8.71	98	343250	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.14	95	106107	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	
Target Compounds						
3) Chloromethane	1.32	50	1173	0.538	ug/l	96
16) Acetone	2.44	43	7667	5.885	ug/l	96
64) Tetrachloroethene	9.33	164	3156	1.862	ug/l	96

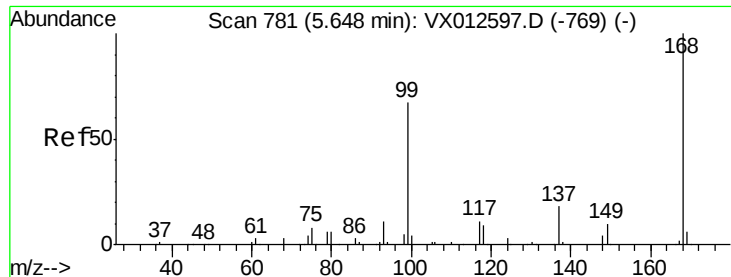
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
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: VX012789.D

Acq: 03 Oct 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

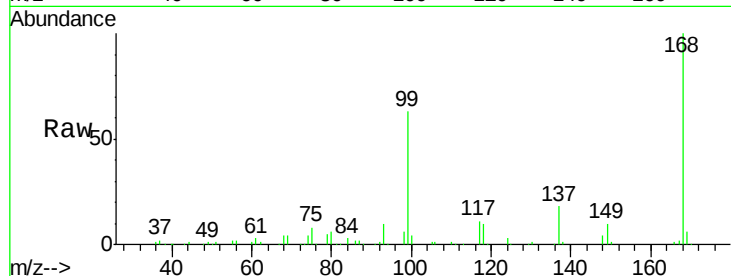
SA-PZ163I-20190930

Tot Ion:168 Resp: 168894

Ion Ratio Lower Upper

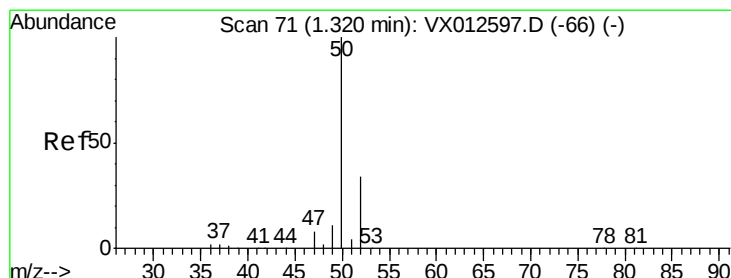
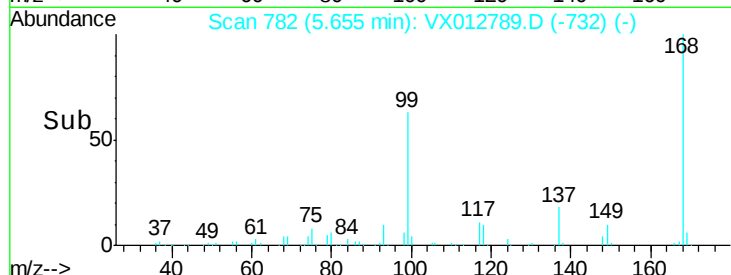
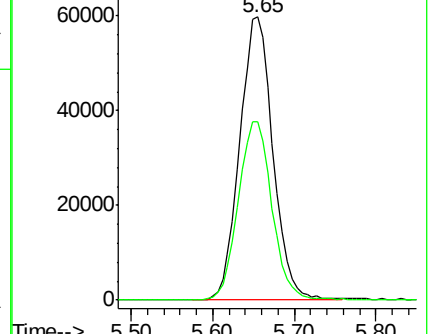
168 100

99 63.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.538 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012789.D

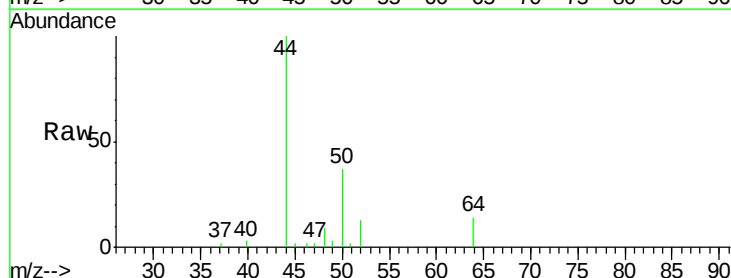
Acq: 03 Oct 2019 17:23

Tgt Ion: 50 Resp: 1173

Ion Ratio Lower Upper

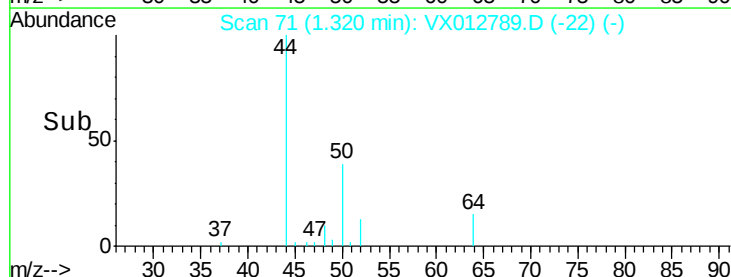
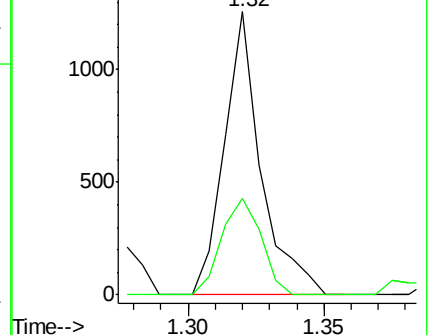
50 100

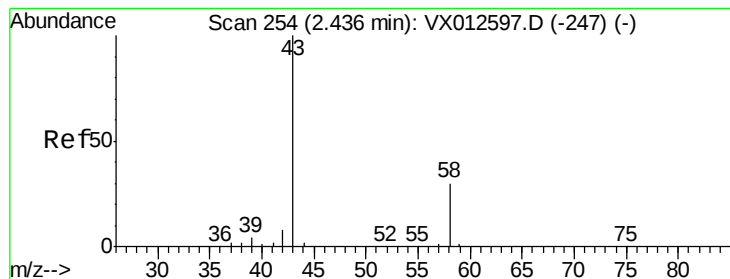
52 34.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 5.885 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012789.D

Acq: 03 Oct 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

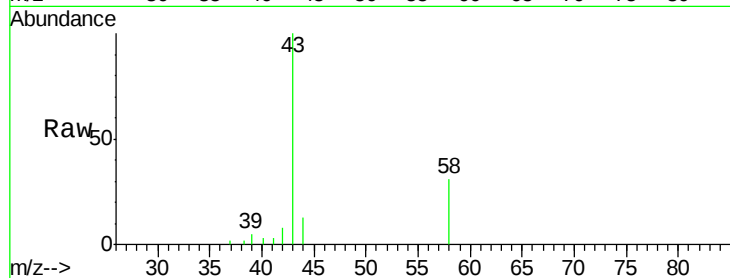
SA-PZ163I-20190930

Tot Ion: 43 Resp: 7667

Ion Ratio Lower Upper

43 100

58 31.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

5000

4000

3000

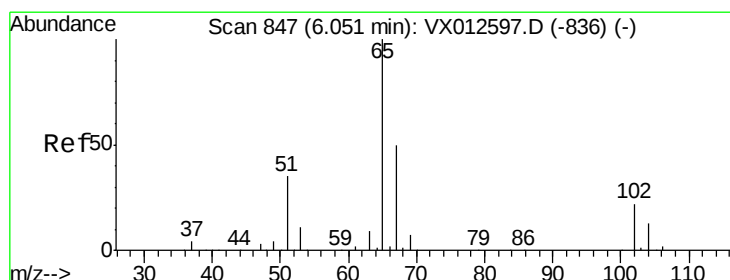
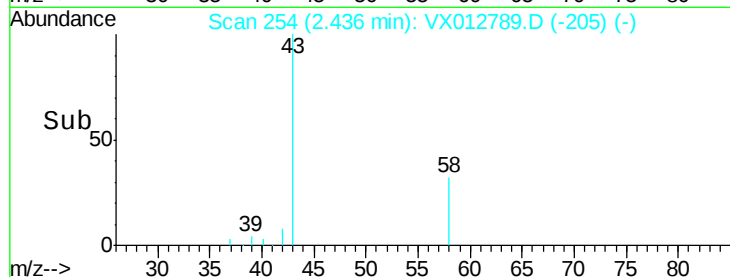
2000

1000

0

Time-->

2.35 2.40 2.45 2.50



#33

1,2-Dichloroethane-d4

Concen: 48.160 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012789.D

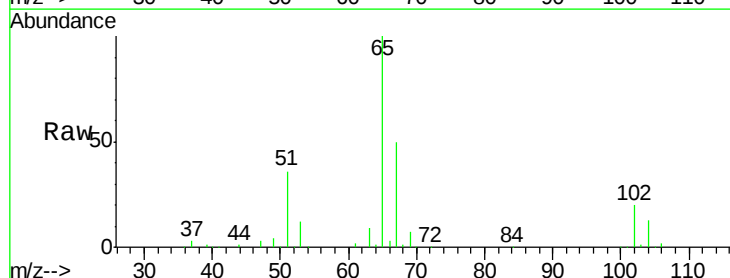
Acq: 03 Oct 2019 17:23

Tgt Ion: 65 Resp: 118445

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

30000

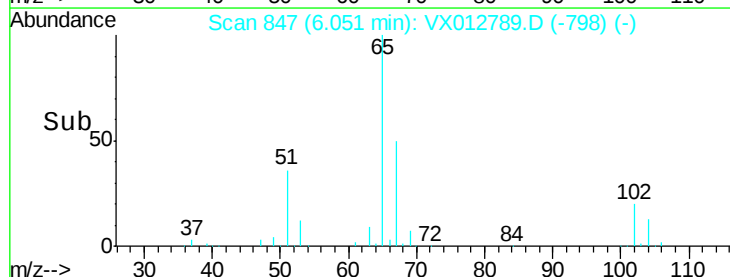
20000

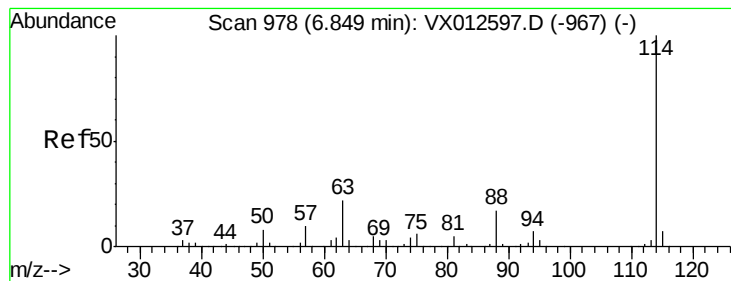
10000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012789.D

Acq: 03 Oct 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ163I-20190930

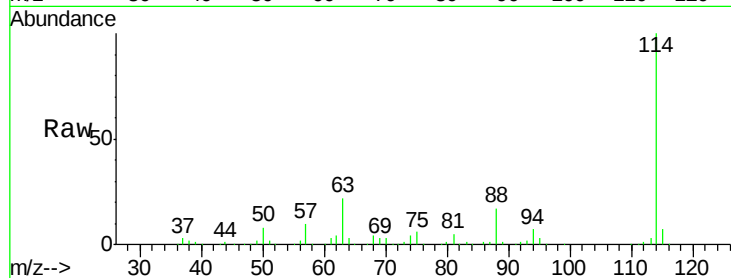
Tot Ion:114 Resp: 289588

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

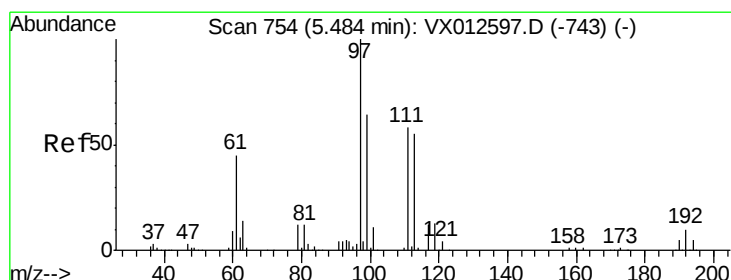
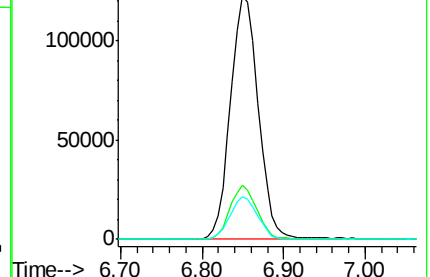
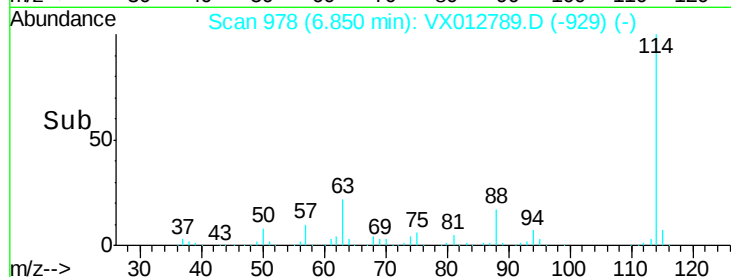
88 17.3 0.0 33.2



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: 50.978 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012789.D

Acq: 03 Oct 2019 17:23

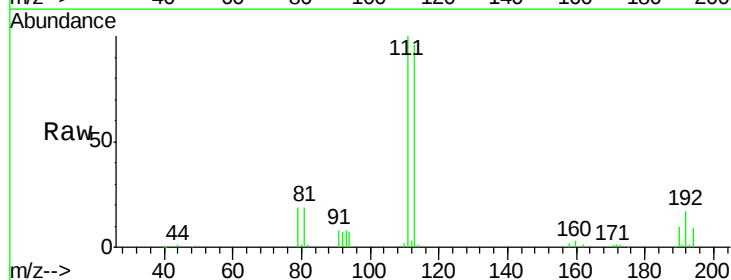
Tgt Ion:113 Resp: 87917

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

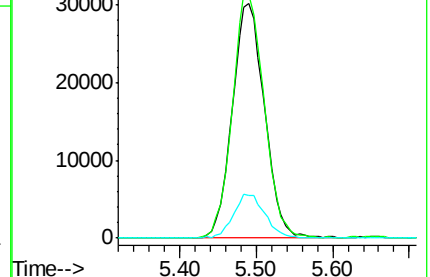
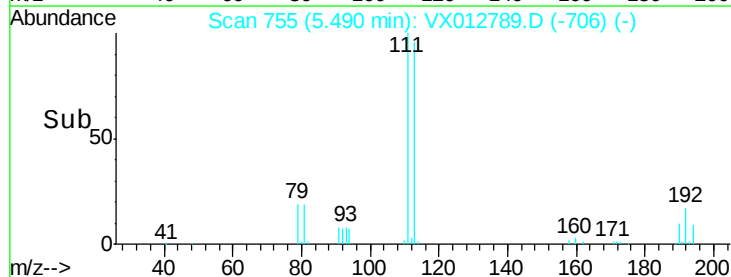
192 18.1 14.4 21.6

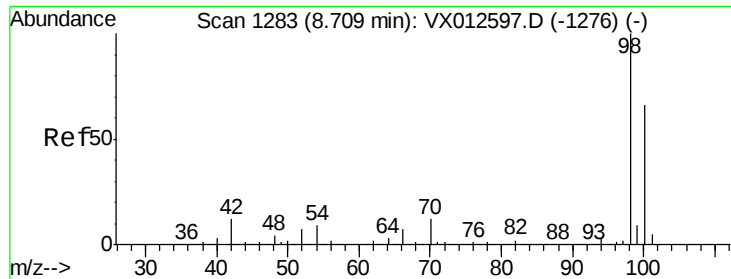


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.682 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012789.D

Acq: 03 Oct 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

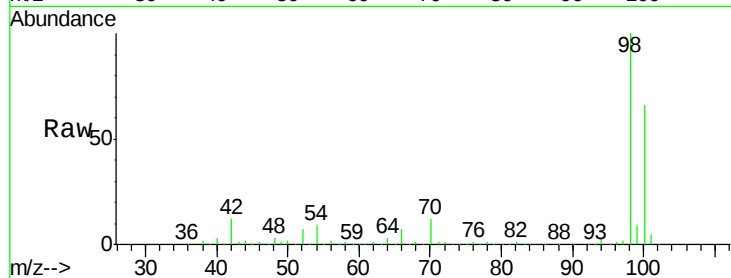
SA-PZ163I-20190930

Tot Ion: 98 Resp: 343250

Ion Ratio Lower Upper

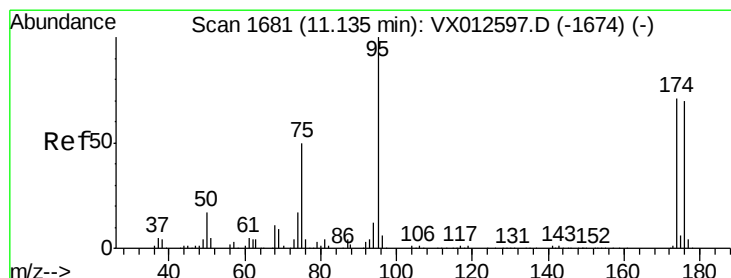
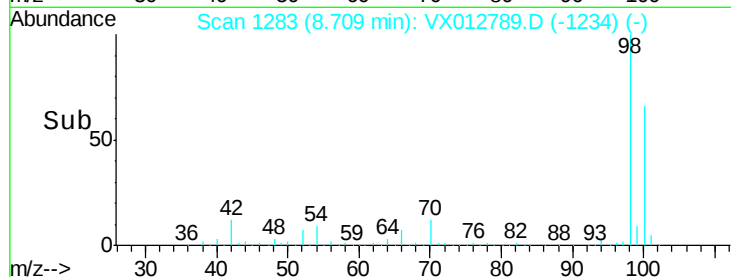
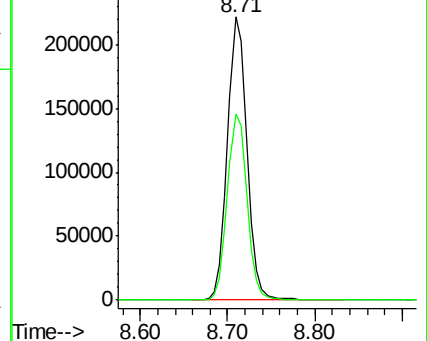
98 100

100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 40.631 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012789.D

Acq: 03 Oct 2019 17:23

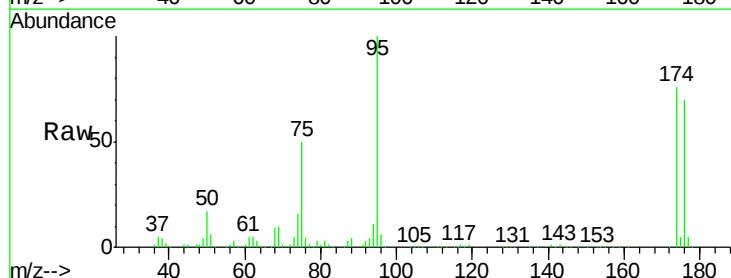
Tgt Ion: 95 Resp: 106107

Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.0

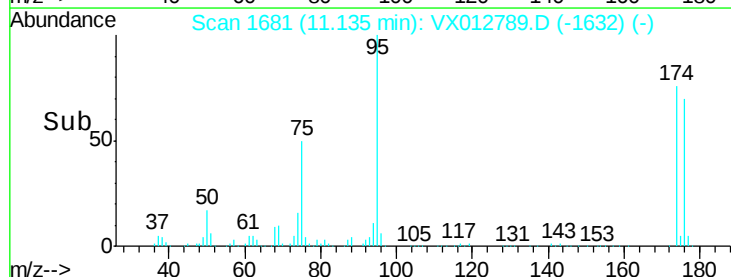
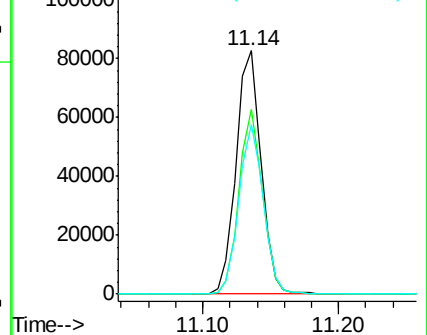
176 68.5 0.0 135.4

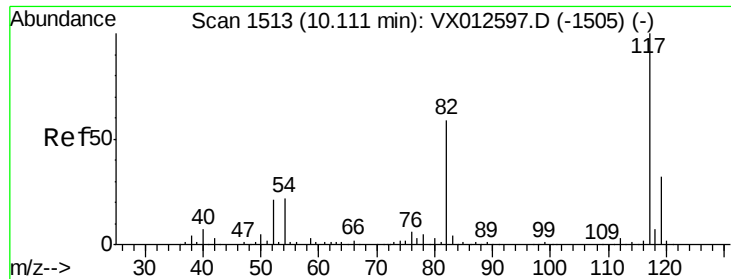


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

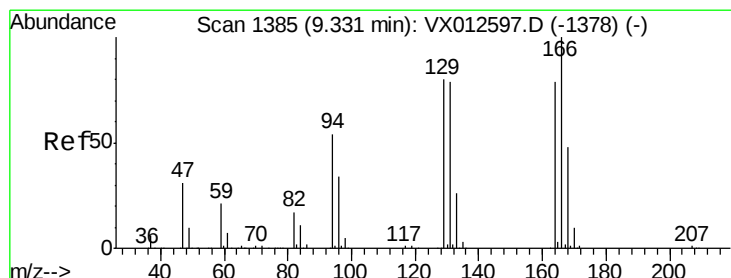
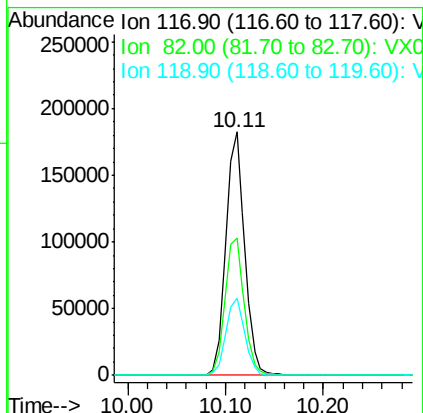
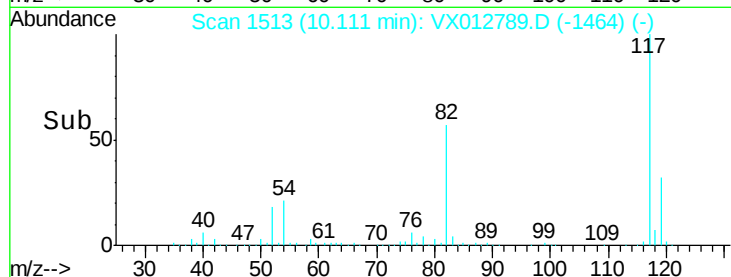
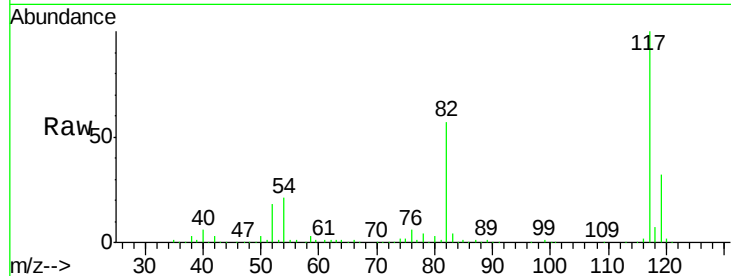




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012789.D
Acq: 03 Oct 2019 17:23

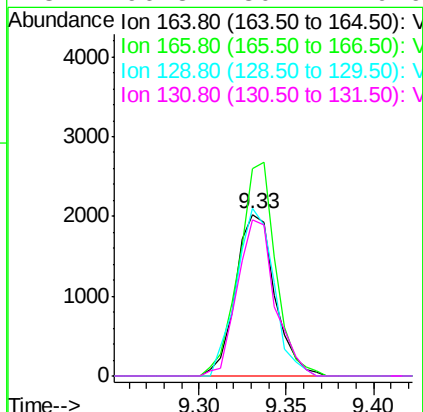
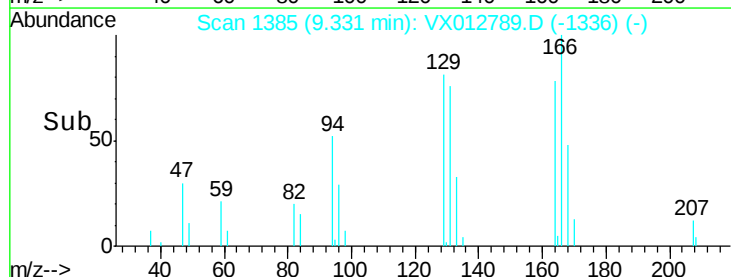
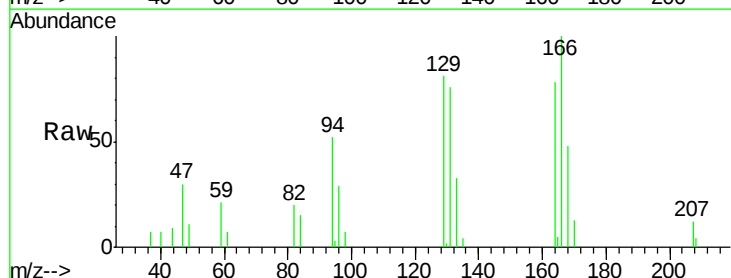
Instrument :
MSVOA_X
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SA-PZ163I-20190930

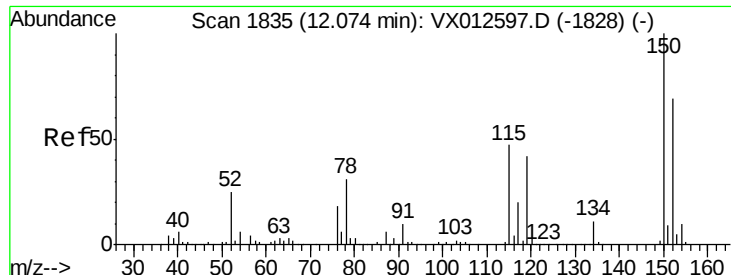
Tot Ion:117 Resp: 243119
Ion Ratio Lower Upper
117 100
82 56.6 45.9 68.9
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 1.862 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012789.D
Acq: 03 Oct 2019 17:23

Tgt Ion:164 Resp: 3156
Ion Ratio Lower Upper
164 100
166 128.1 107.8 161.6
129 103.7 86.2 129.2
131 96.8 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: VX012789.D

Acq: 03 Oct 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ163I-20190930

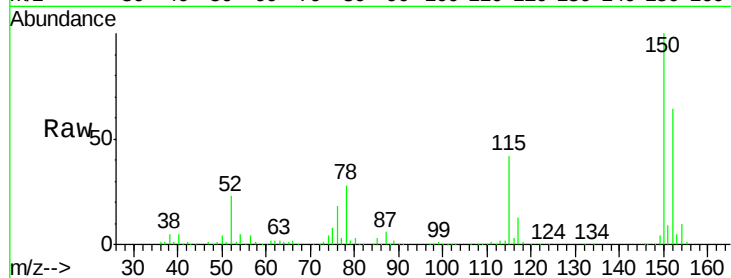
Tot Ion:152 Resp: 81463

Ion Ratio Lower Upper

152 100

115 64.1 44.1 132.3

150 155.5 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

