

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004299.D
 Acq On : 29 Aug 2018 18:04
 Operator : JC/MD
 Sample : J4681-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW10S-M12W4-082318

Quant Time: Aug 30 07:19:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

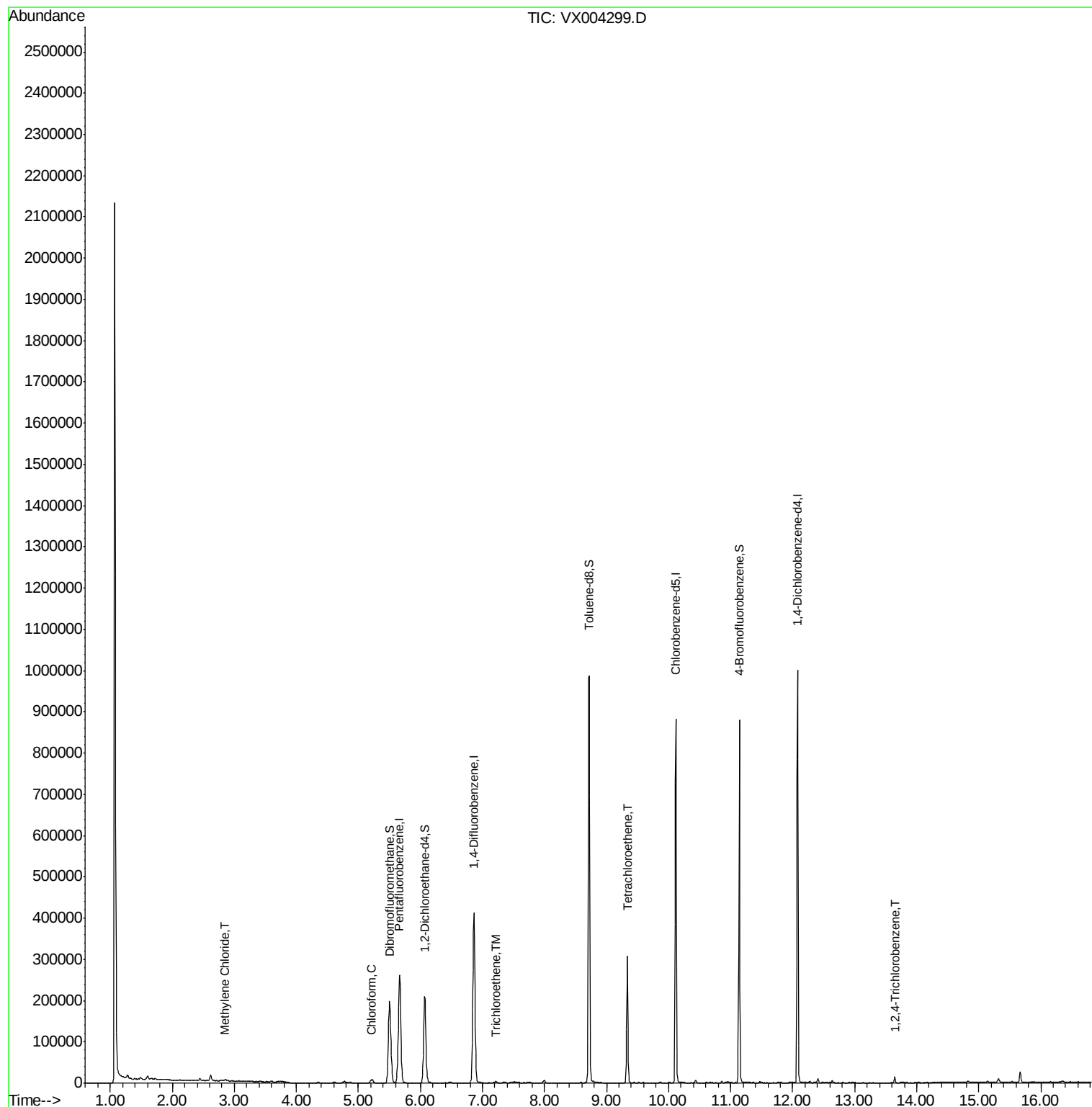
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192047	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	5.50	113	169374	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
50) Toluene-d8	8.72	98	601905	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	213894	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
Target Compounds						
20) Methylene Chloride	2.86	84	1187	0.35	ug/l	# 86
30) Chloroform	5.21	83	10407	1.81	ug/l	92
44) Trichloroethene	7.21	130	1178	0.30	ug/l	98
64) Tetrachloroethene	9.34	164	60849	15.43	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	3391	0.68	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004299.D

Acq: 29 Aug 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

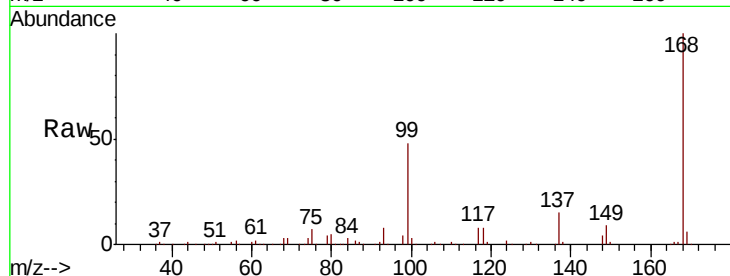
CPA-CPMW10S-M12W4-082318

Tot Ion:168 Resp: 270103

Ion Ratio Lower Upper

168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

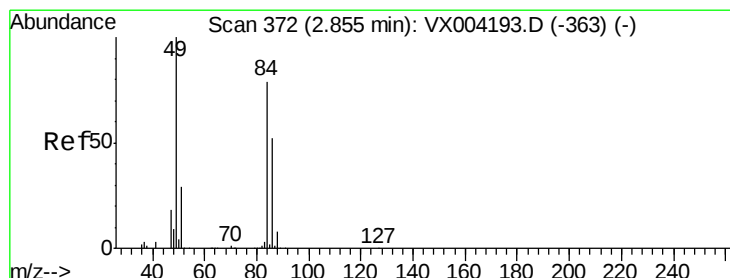
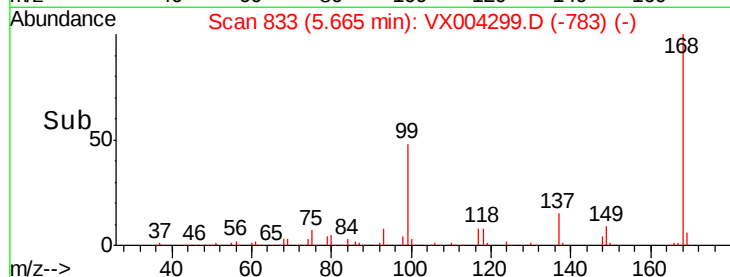
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#20

Methylene Chloride

Concen: 0.35 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004299.D

Acq: 29 Aug 2018 18:04

Tgt Ion: 84 Resp: 1187

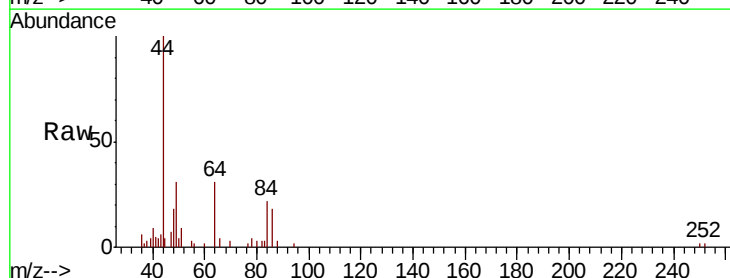
Ion Ratio Lower Upper

84 100

49 139.4 101.2 151.8

51 42.6 29.5 44.3

86 82.4 52.3 78.5#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

1200

1000

800

600

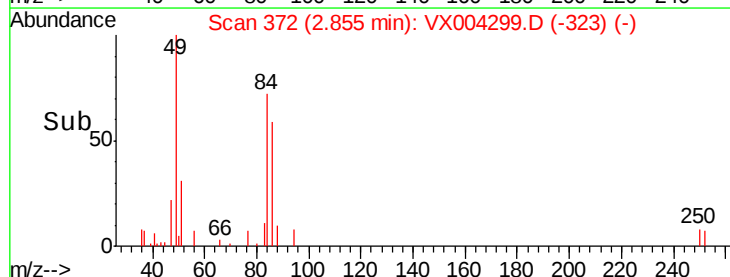
400

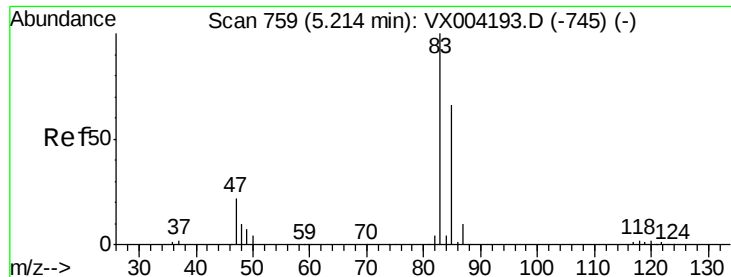
200

0

Time-->

2.80 2.85 2.90

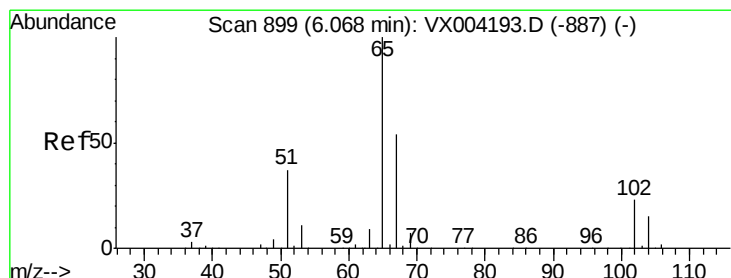
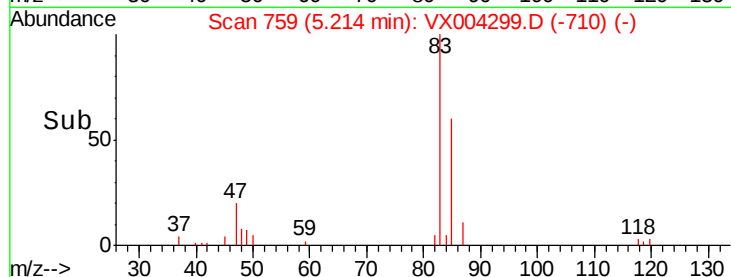
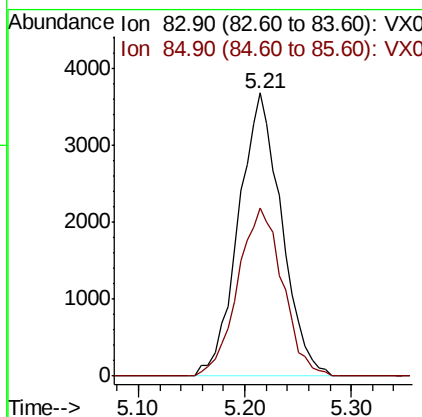
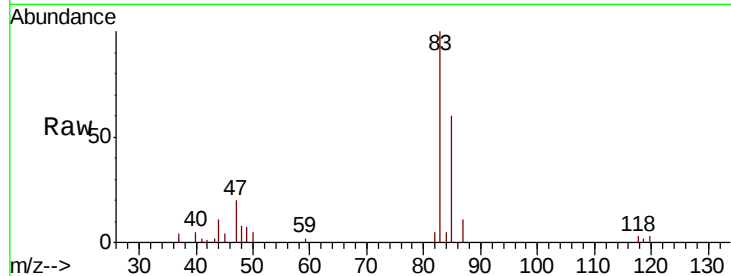




#30
Chloroform
Concen: 1.81 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004299.D
Acq: 29 Aug 2018 18:04

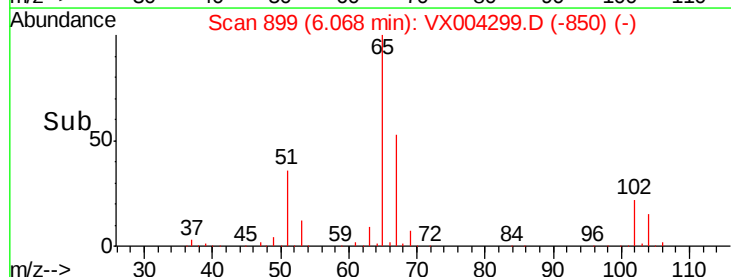
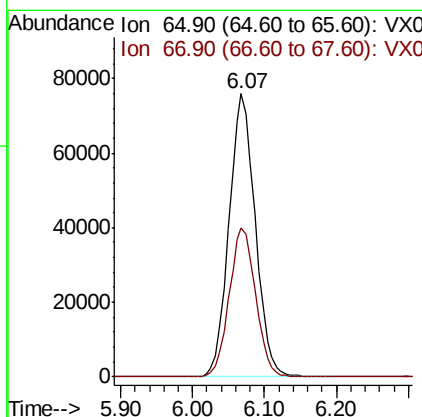
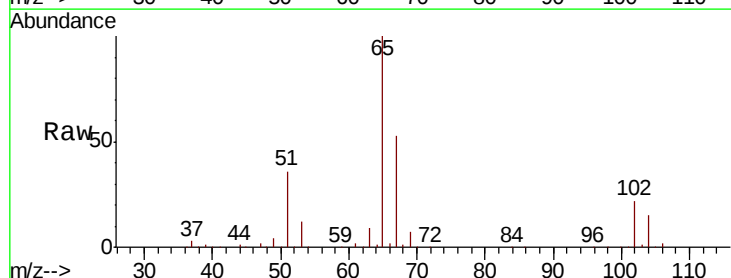
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW10S-M12W4-082318

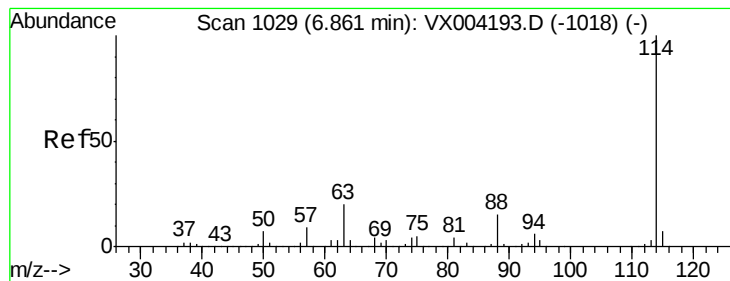
Tot Ion: 83 Resp: 10407
Ion Ratio Lower Upper
83 100
85 59.7 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.55 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004299.D
Acq: 29 Aug 2018 18:04

Tgt Ion: 65 Resp: 192047
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004299.D

Acq: 29 Aug 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW10S-M12W4-082318

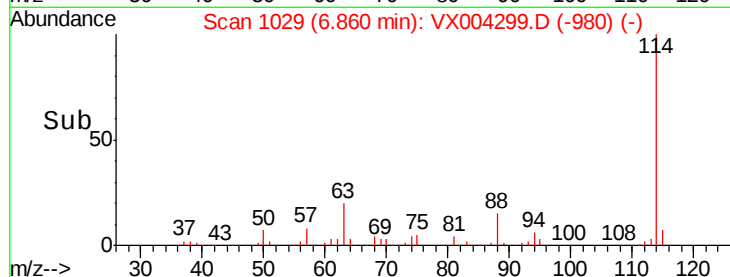
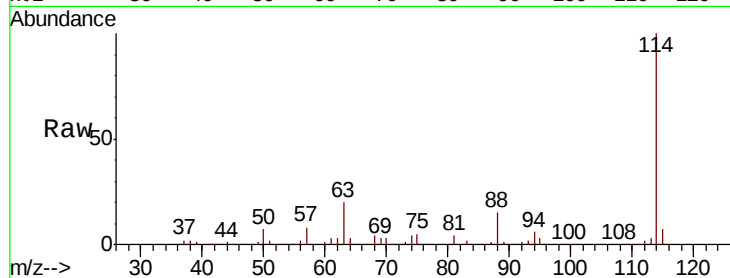
Tot Ion:114 Resp: 425830

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

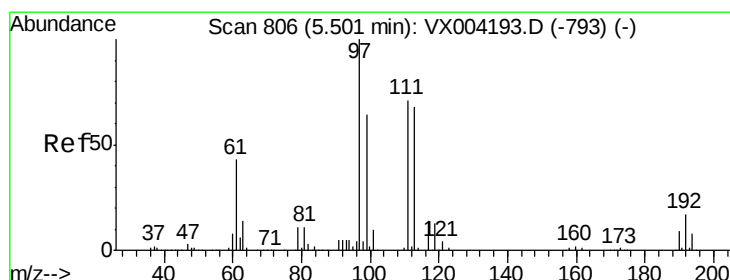
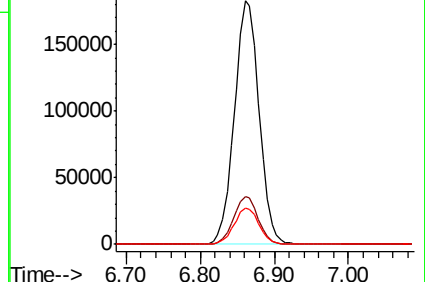
88 14.8 0.0 30.4



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: 53.47 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004299.D

Acq: 29 Aug 2018 18:04

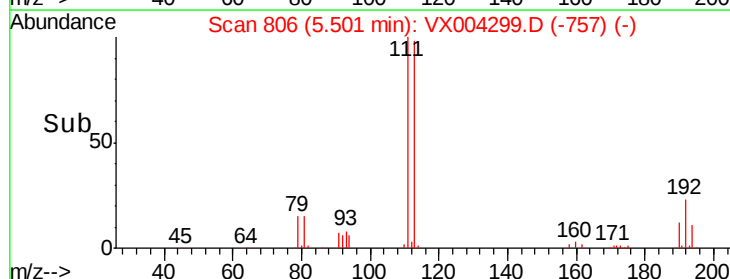
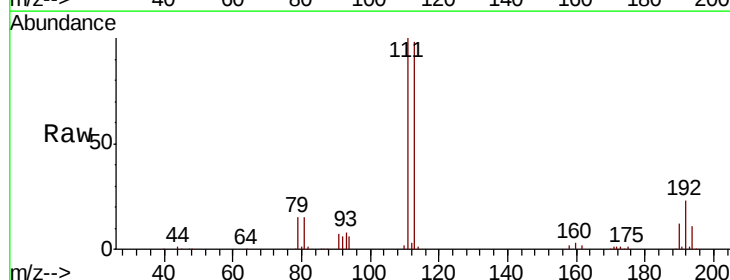
Tgt Ion:113 Resp: 169374

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

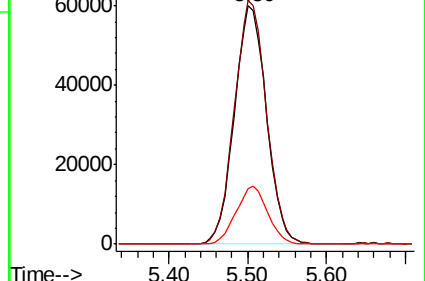
192 24.0 19.4 29.2

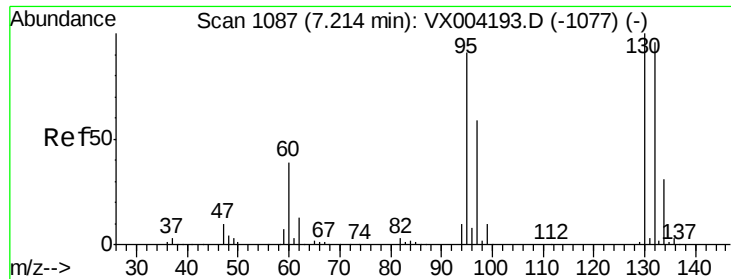


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.30 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004299.D

Acq: 29 Aug 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

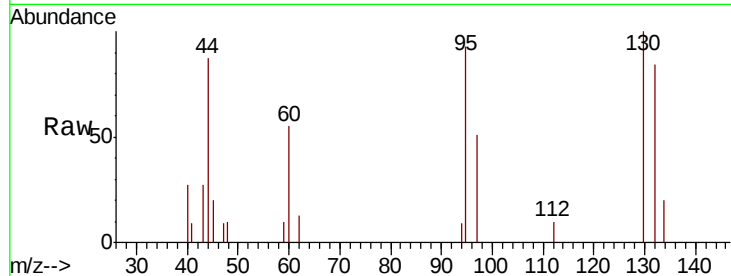
CPA-CPMW10S-M12W4-082318

Tot Ion:130 Resp: 1178

Ion Ratio Lower Upper

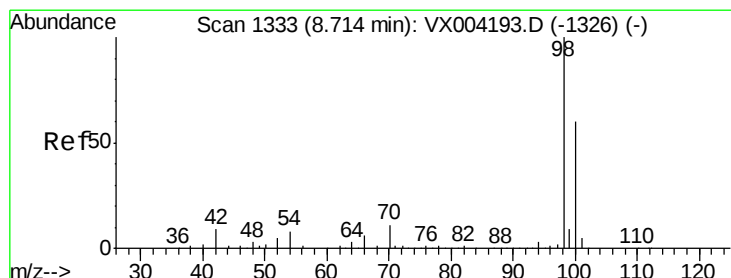
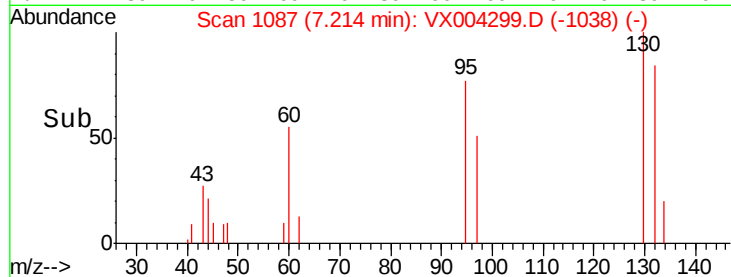
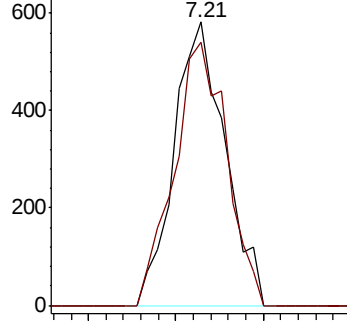
130 100

95 93.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.34 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VX004299.D

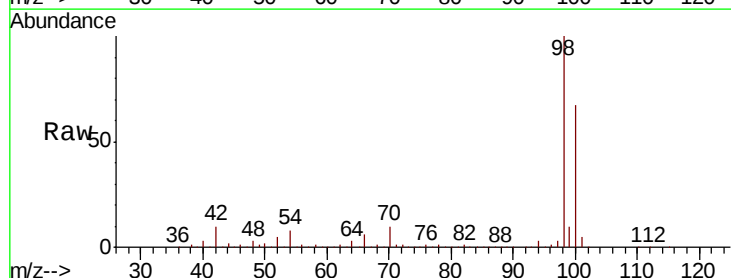
Acq: 29 Aug 2018 18:04

Tgt Ion: 98 Resp: 601905

Ion Ratio Lower Upper

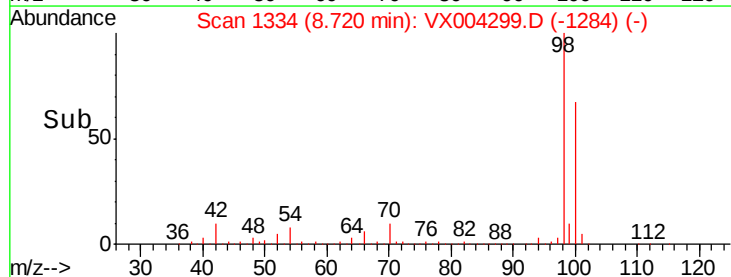
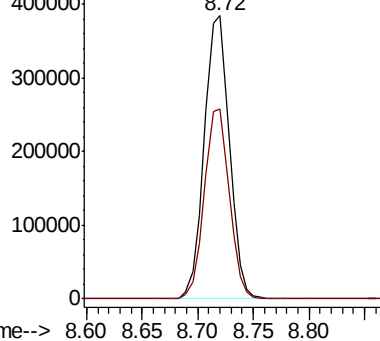
98 100

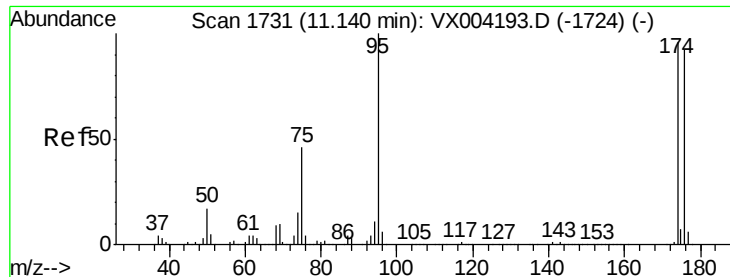
100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004299.D

Acq: 29 Aug 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

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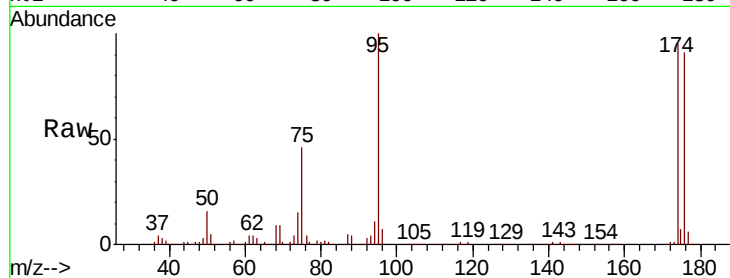
Tot Ion: 95 Resp: 213894

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.2

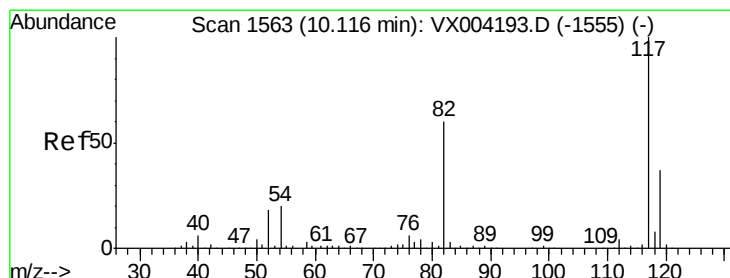
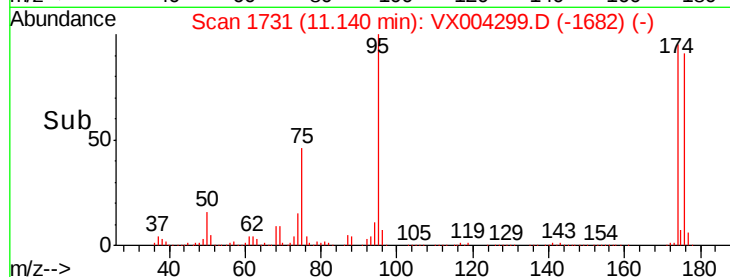
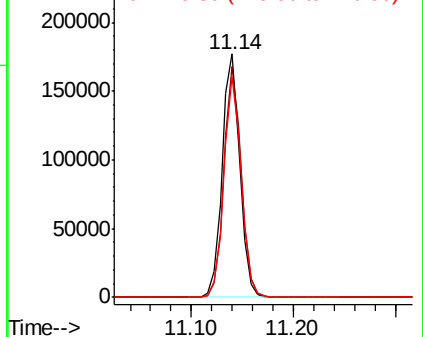
176 88.9 0.0 178.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004299.D

Acq: 29 Aug 2018 18:04

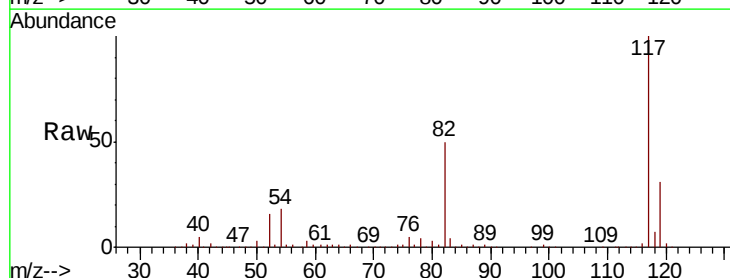
Tgt Ion: 117 Resp: 399155

Ion Ratio Lower Upper

117 100

82 49.7 47.8 71.6

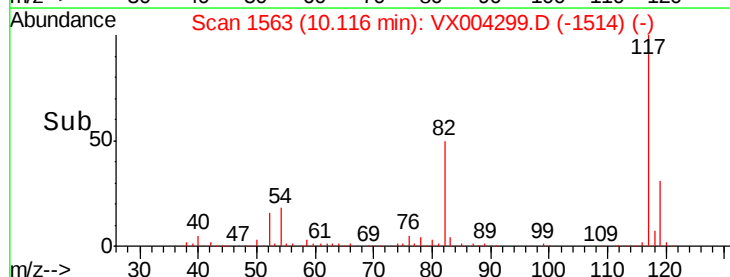
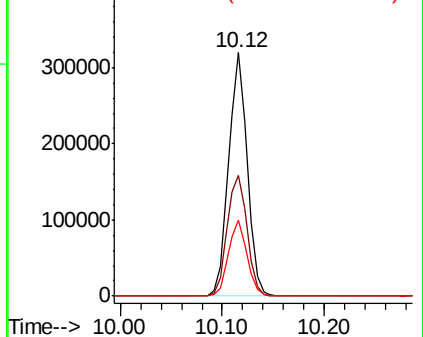
119 31.1 29.3 43.9

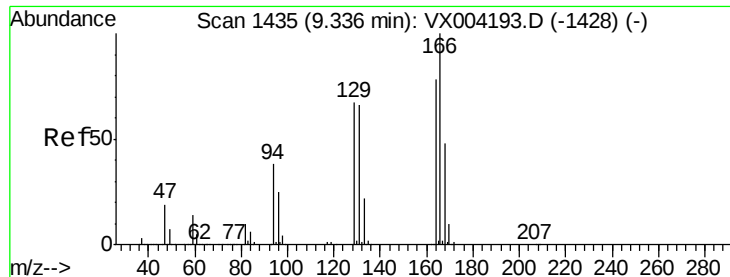


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

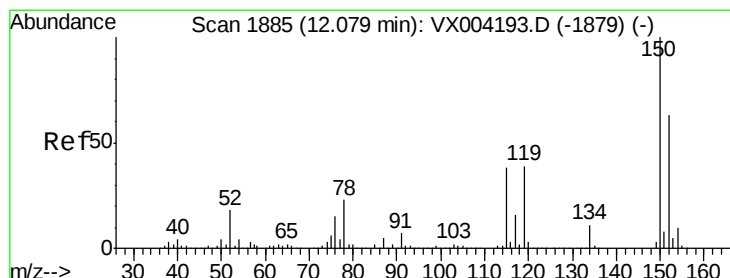
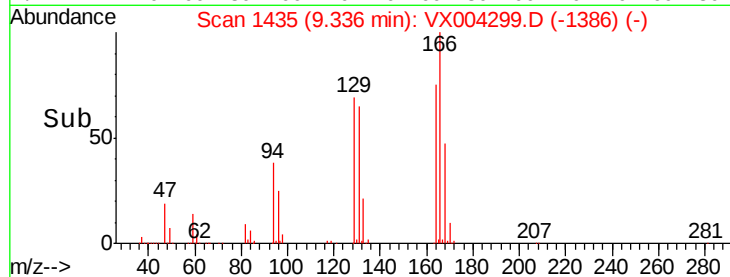
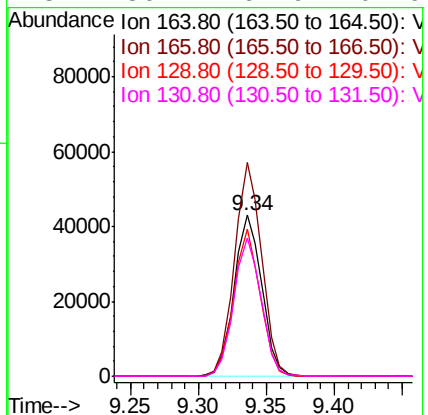
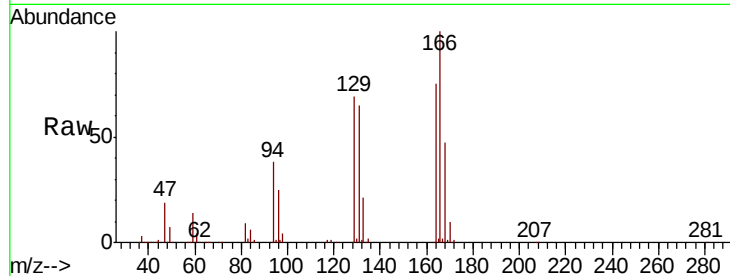




#64
Tetrachloroethene
Concen: 15.43 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004299.D
Acq: 29 Aug 2018 18:04

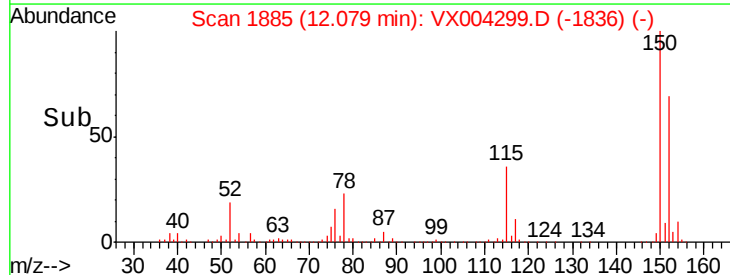
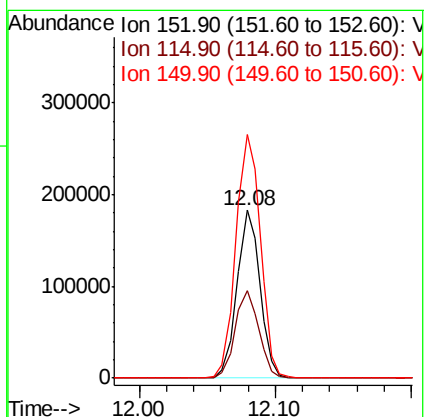
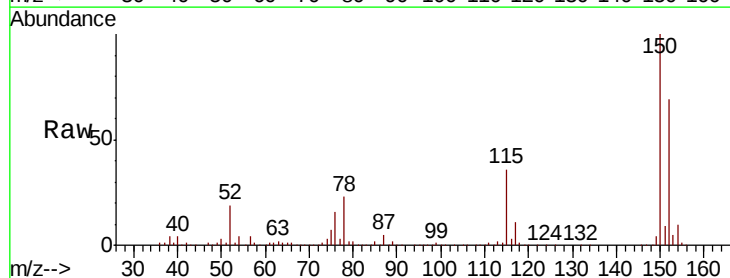
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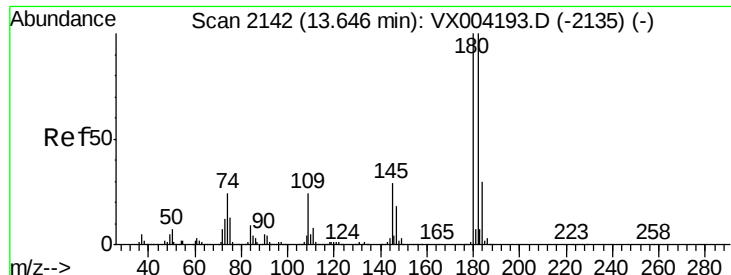
Tot Ion:164 Resp: 60849
Ion Ratio Lower Upper
164 100
166 132.6 102.8 154.2
129 91.4 69.4 104.0
131 86.1 67.9 101.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004299.D
Acq: 29 Aug 2018 18:04

Tgt Ion:152 Resp: 215227
Ion Ratio Lower Upper
152 100
115 53.7 39.0 117.0
150 154.4 0.0 351.0





#93
 1,2,4-Trichlorobenzene
 Concen: 0.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX004299.D
 Acq: 29 Aug 2018 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW10S-M12W4-082318

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.4	145.0
145	30.4	14.3	42.9

