

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004295.D
 Acq On : 29 Aug 2018 16:17
 Operator : JC/MD
 Sample : J4681-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW04D-M12W4-082318

Quant Time: Aug 30 07:21:57 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	261477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	410303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186149	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
35) Dibromofluoromethane	5.51	113	163326	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
50) Toluene-d8	8.72	98	582135	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	199263	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	

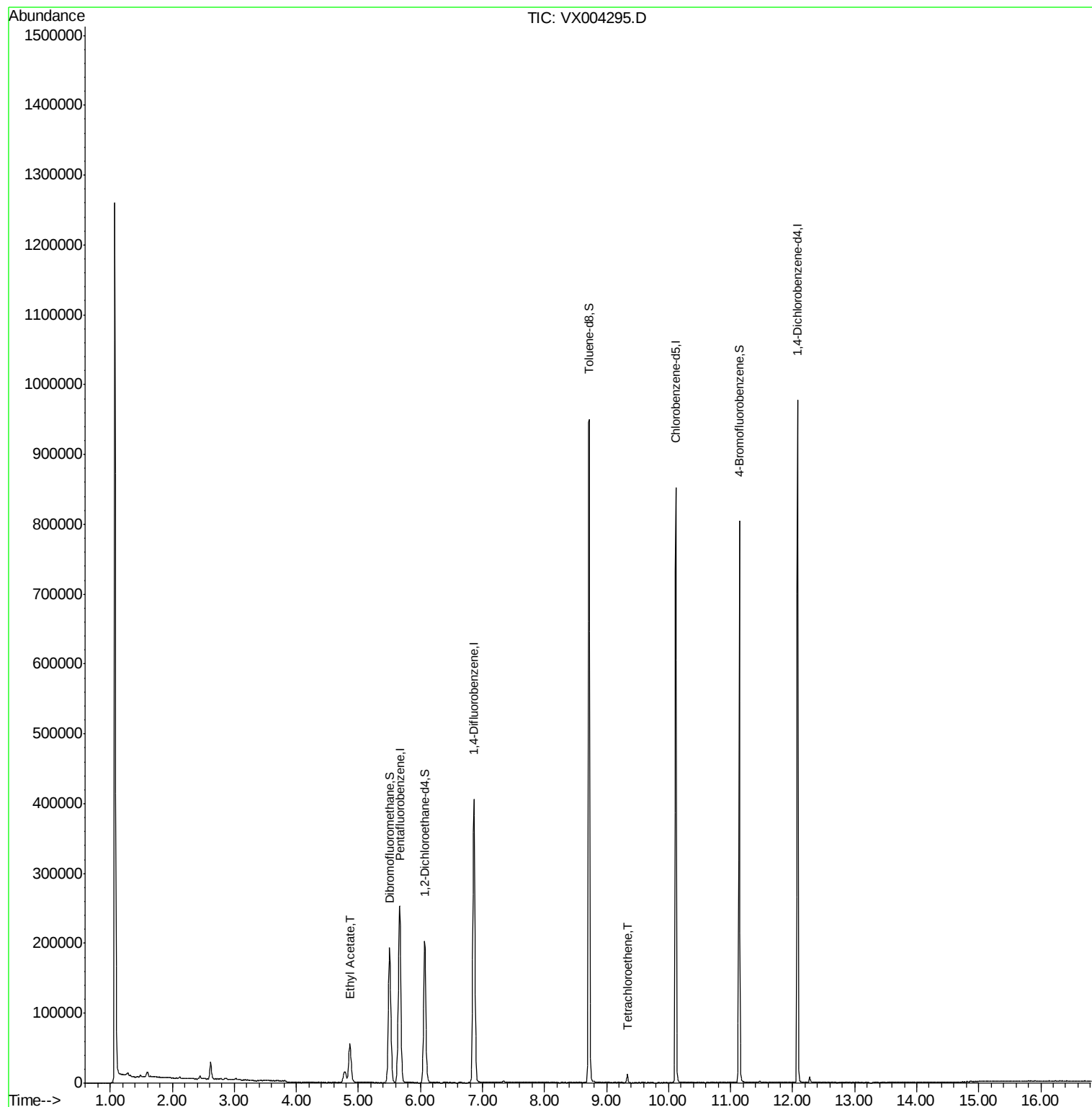
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) Ethyl Acetate	4.86	43	94284	20.78	ug/l	98
64) Tetrachloroethene	9.34	164	2552	0.65	ug/l	95

(#) = 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: VX004295.D

Acq: 29 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

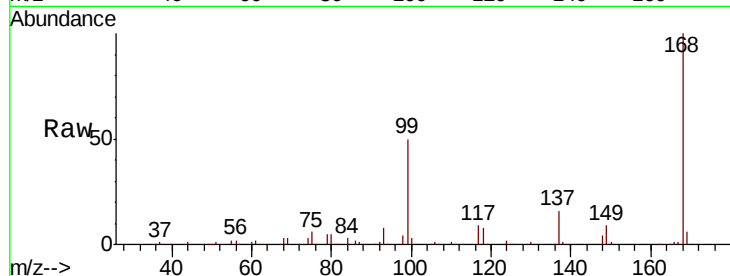
CPA-CPMW04D-M12W4-082318

Tot Ion:168 Resp: 261477

Ion Ratio Lower Upper

168 100

99 49.8 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

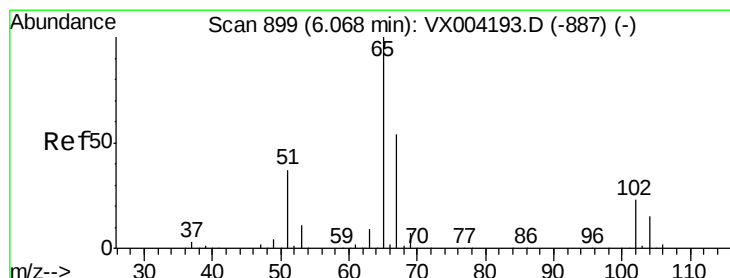
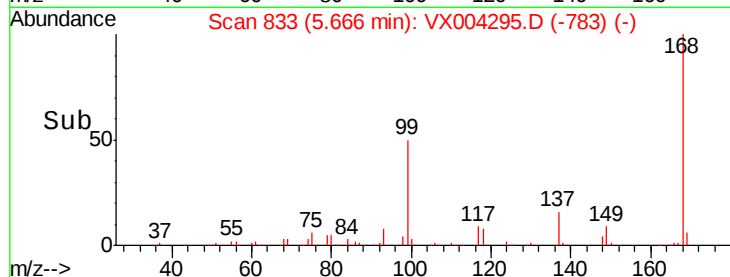
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.62 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004295.D

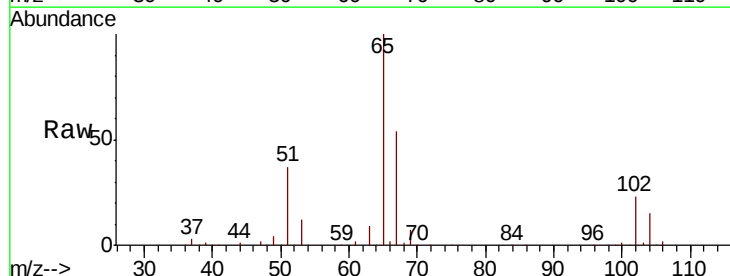
Acq: 29 Aug 2018 16:17

Tgt Ion: 65 Resp: 186149

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

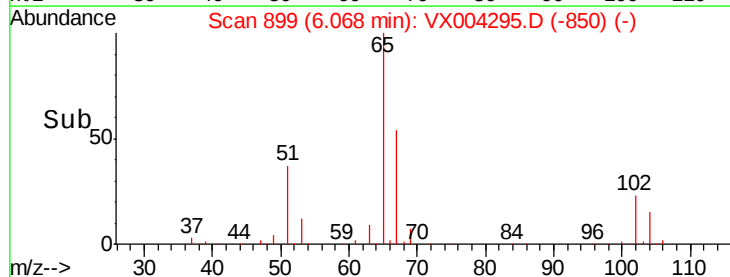
40000

20000

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Time-->

6.00 6.10 6.20

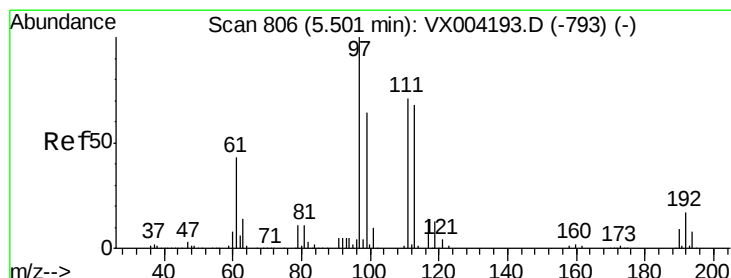
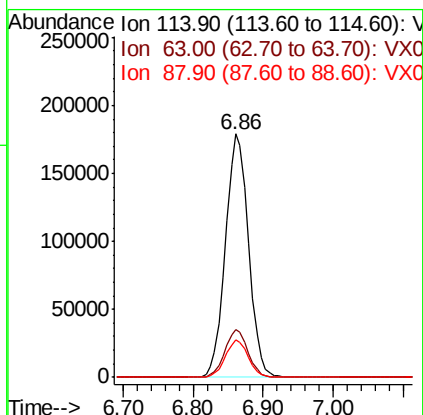
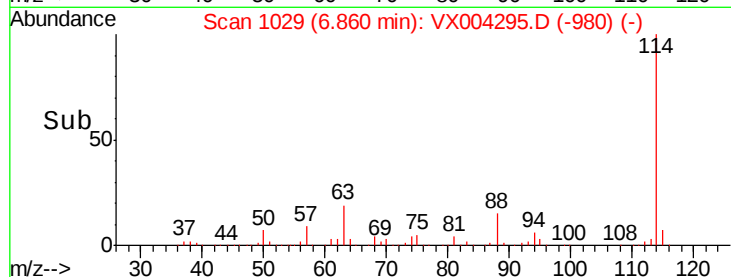
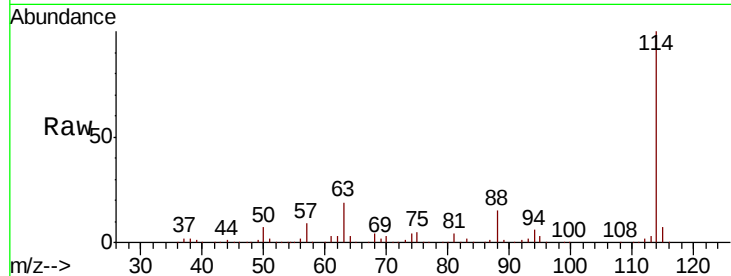




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004295.D
 Acq: 29 Aug 2018 16:17

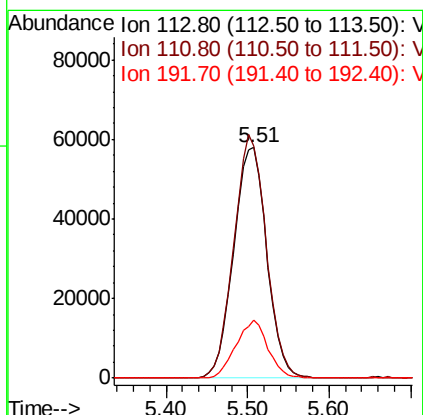
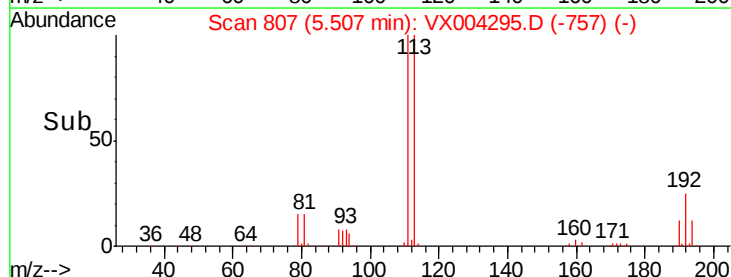
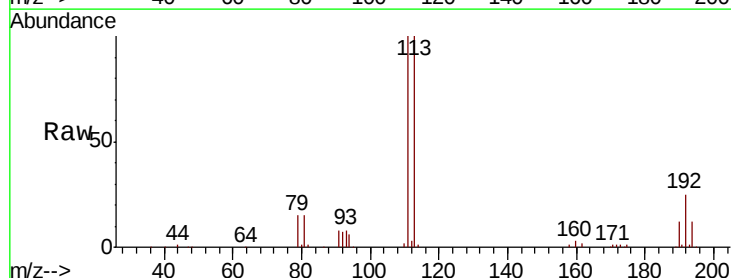
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW04D-M12W4-082318

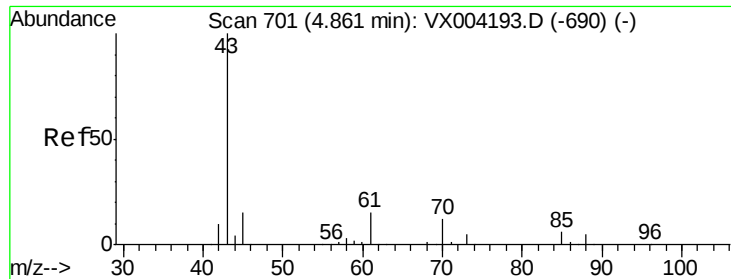
Tot Ion:114	Resp:	410303
Ion Ratio	Lower	Upper
114	100	
63	19.5	0.0 39.0
88	15.3	0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.51 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004295.D
 Acq: 29 Aug 2018 16:17

Tgt Ion:113	Resp:	163326
Ion Ratio	Lower	Upper
113	100	
111	102.9	82.4 123.6
192	24.2	19.4 29.2

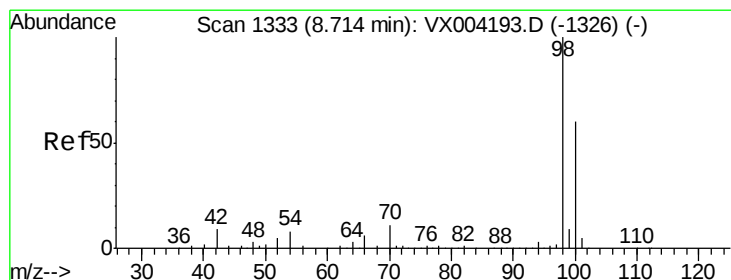
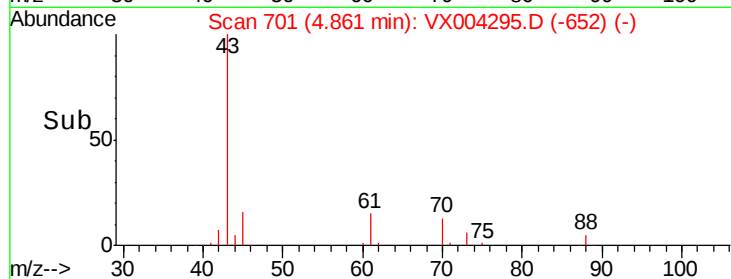
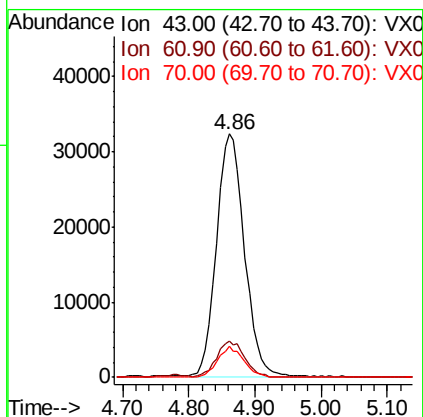
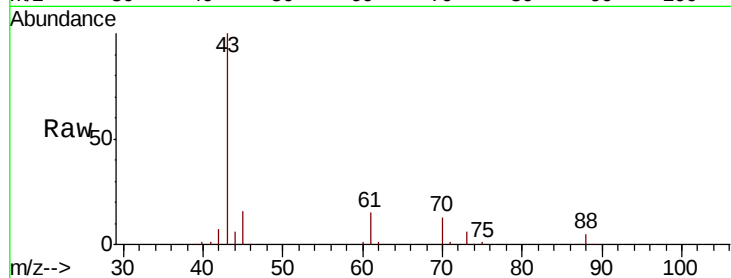




#37
Ethyl Acetate
Concen: 20.78 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004295.D
Acq: 29 Aug 2018 16:17

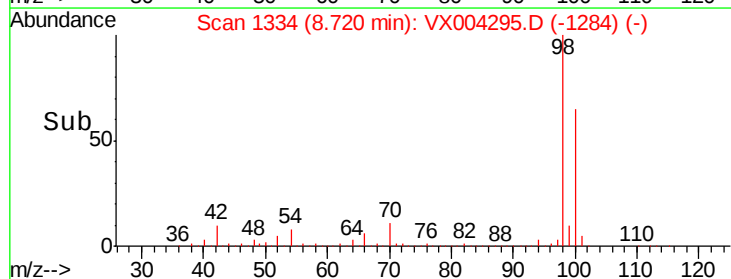
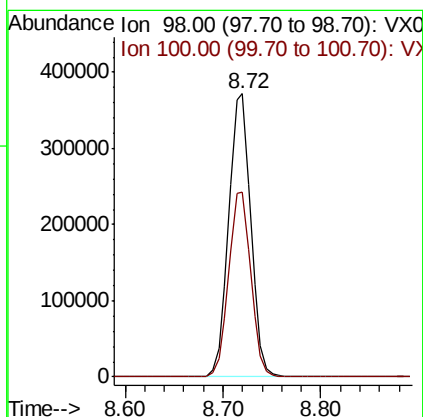
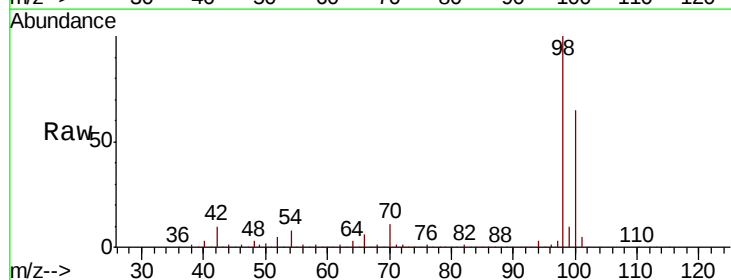
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW04D-M12W4-082318

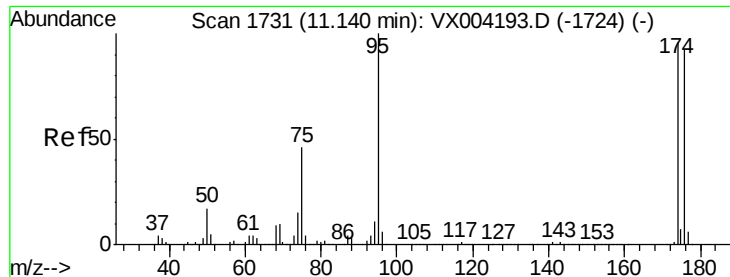
Tot Ion: 43 Resp: 94284
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 11.9 9.0 13.6



#50
Toluene-d8
Concen: 50.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VX004295.D
Acq: 29 Aug 2018 16:17

Tgt Ion: 98 Resp: 582135
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 46.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004295.D

Acq: 29 Aug 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW04D-M12W4-082318

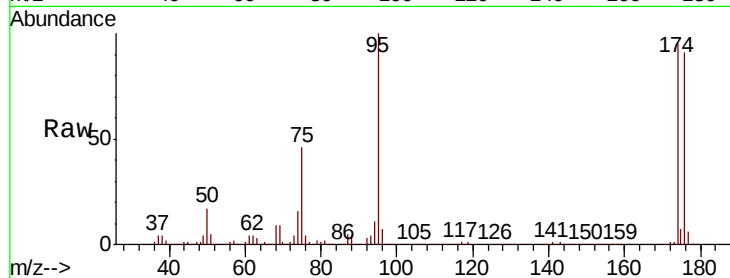
Tot Ion: 95 Resp: 199263

Ion Ratio Lower Upper

95 100

174 94.1 0.0 185.2

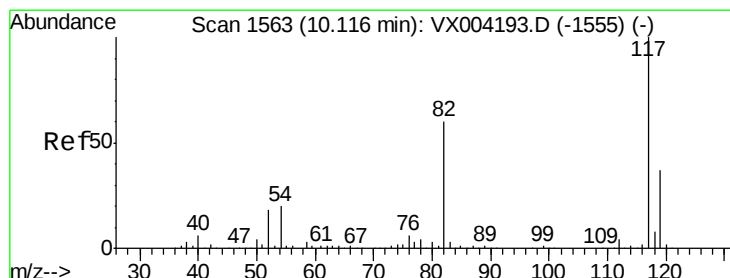
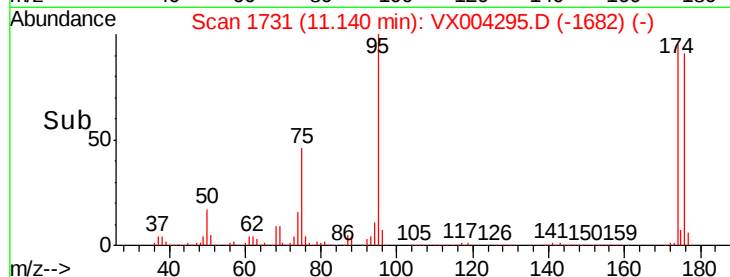
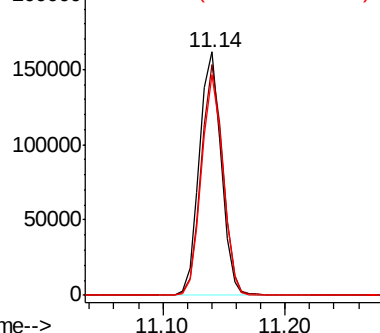
176 89.2 0.0 178.6



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: VX004295.D

Acq: 29 Aug 2018 16:17

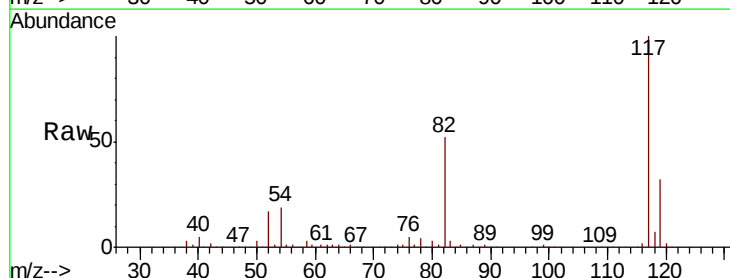
Tgt Ion: 117 Resp: 397221

Ion Ratio Lower Upper

117 100

82 52.2 47.8 71.6

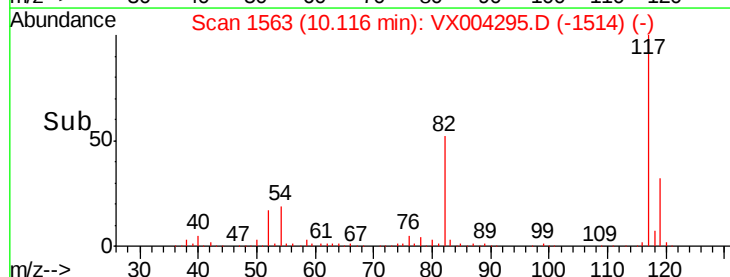
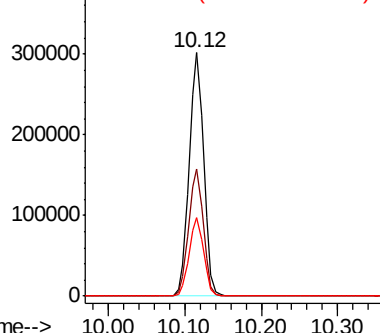
119 32.3 29.3 43.9

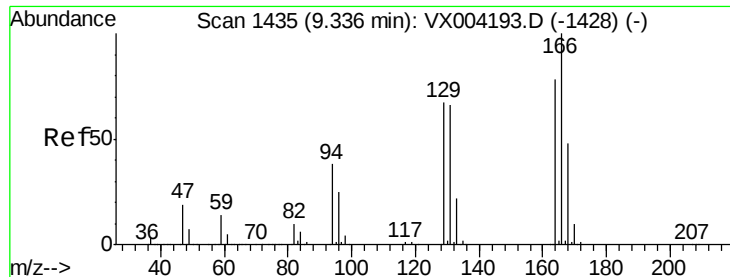


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

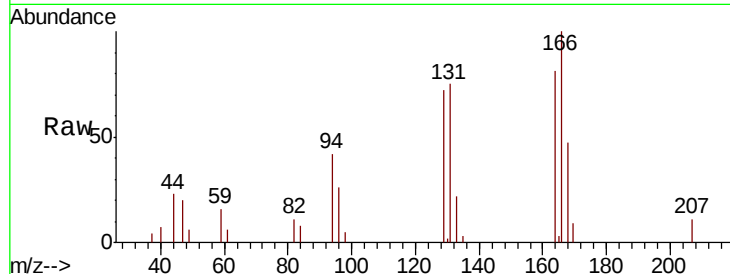




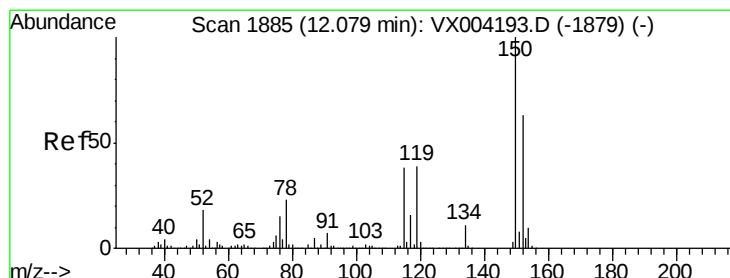
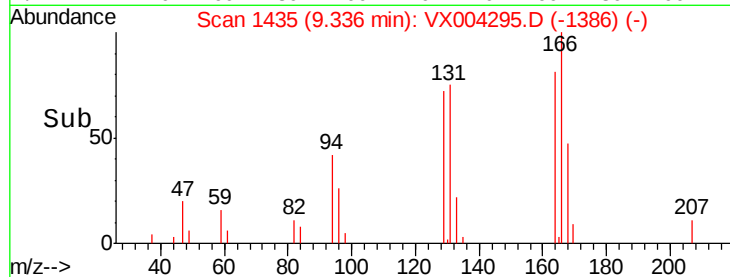
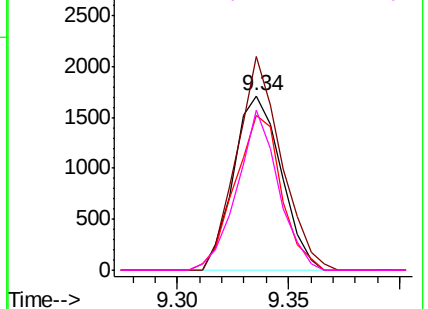
#64
Tetrachloroethene
Concen: 0.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004295.D
Acq: 29 Aug 2018 16:17

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW04D-M12W4-082318

Tot Ion:164 Resp: 2552
Ion Ratio Lower Upper
164 100
166 122.7 102.8 154.2
129 88.7 69.4 104.0
131 92.3 67.9 101.9

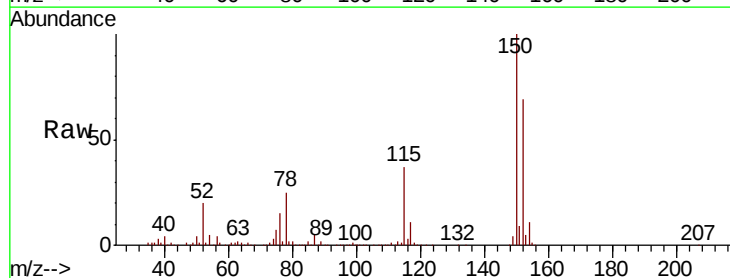


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004295.D
Acq: 29 Aug 2018 16:17

Tgt Ion:152 Resp: 206762
Ion Ratio Lower Upper
152 100
115 54.9 39.0 117.0
150 155.6 0.0 351.0



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

