

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004296.D
 Acq On : 29 Aug 2018 16:44
 Operator : JC/MD
 Sample : J4681-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M12W4-082318

Quant Time: Aug 30 07:21:07 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	247177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190075	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	178298	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
35) Dibromofluoromethane	5.50	113	156171	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
50) Toluene-d8	8.72	98	557330	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.14	95	190812	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	

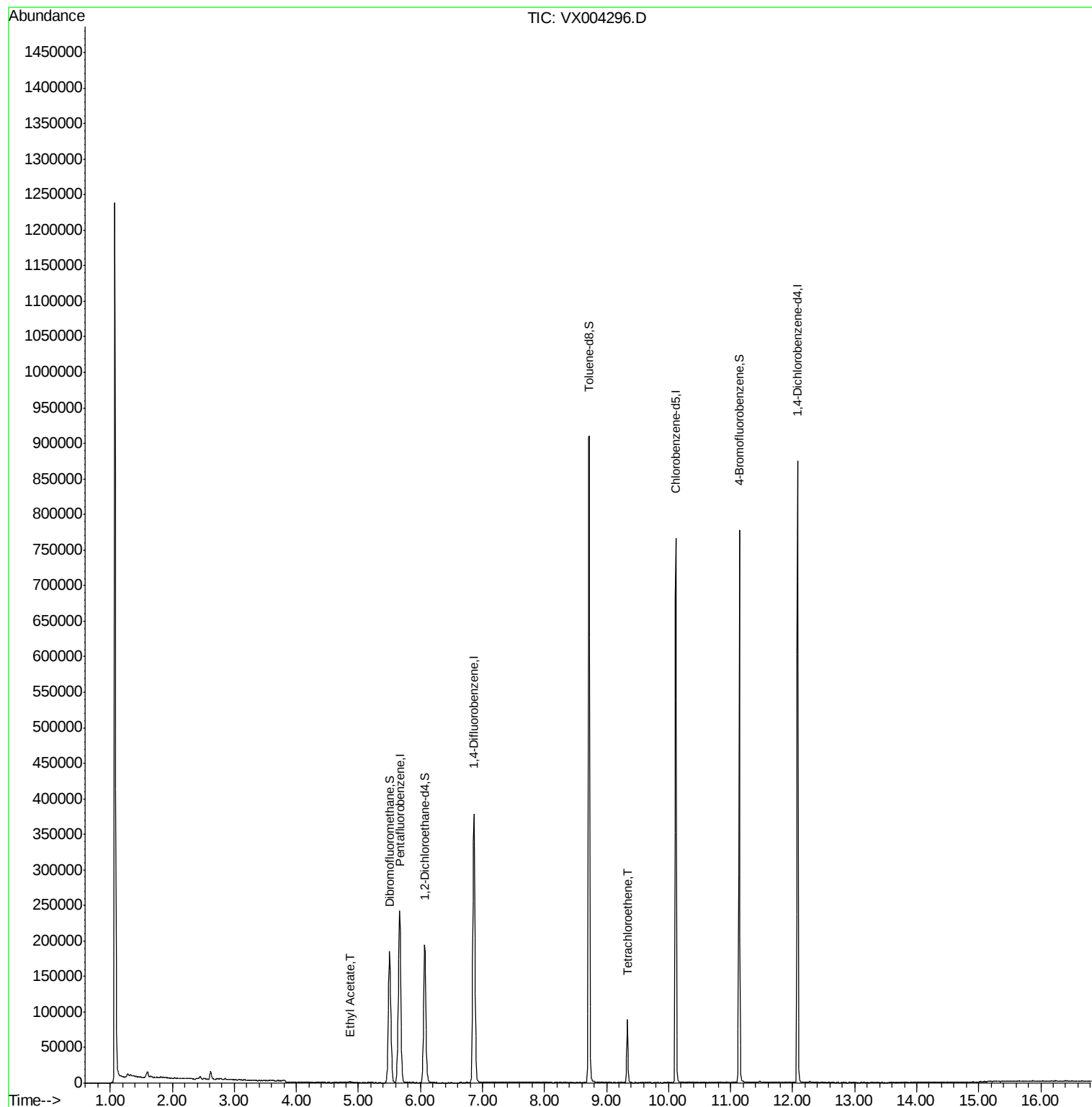
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) Ethyl Acetate	4.87	43	2474	0.57	ug/l	# 75
64) Tetrachloroethene	9.34	164	18435	5.22	ug/l	96

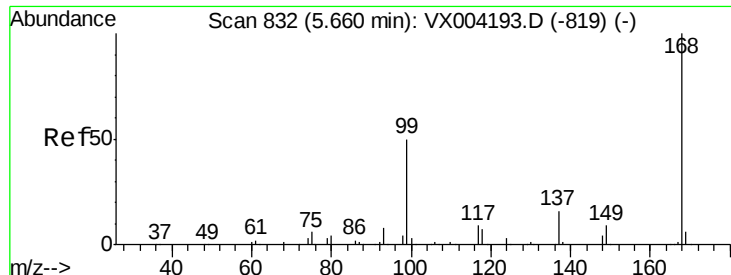
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004296.D

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Instrument :

MSVOA_X

ClientSampleId :

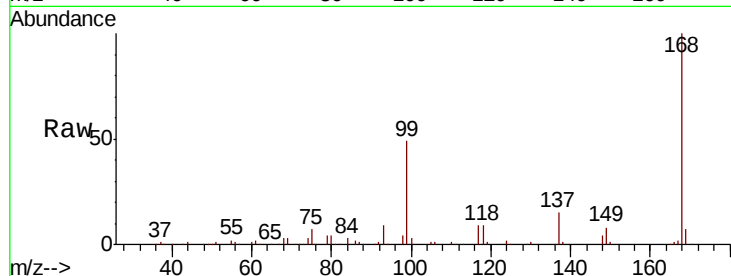
CPA-CPMW05D-M12W4-082318

Tot Ion:168 Resp: 247177

Ion Ratio Lower Upper

168 100

99 49.4 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

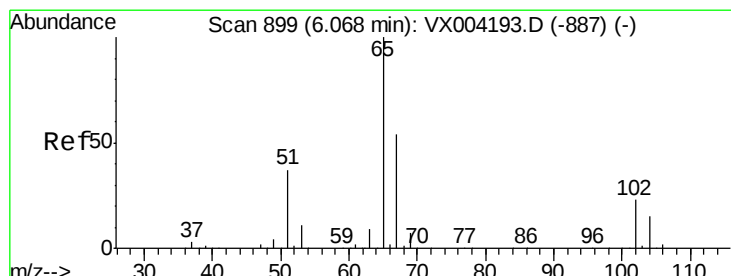
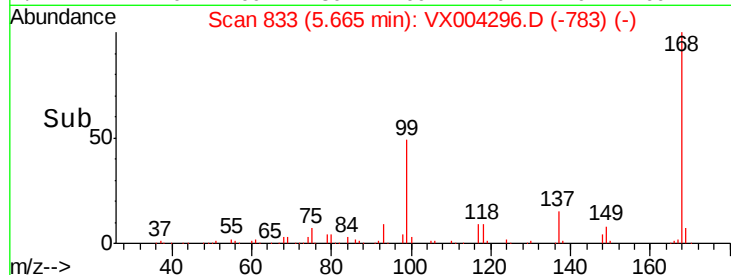
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.34 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004296.D

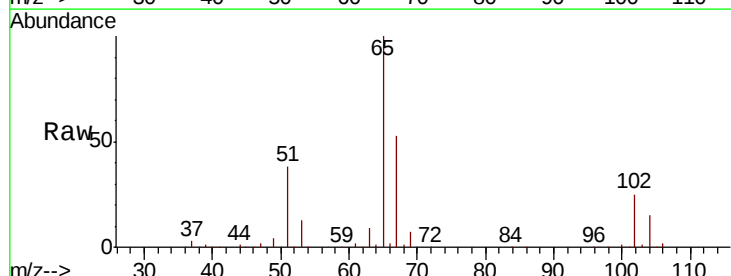
Acq: 29 Aug 2018 16:44

Tgt Ion: 65 Resp: 178298

Ion Ratio Lower Upper

65 100

67 53.4 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

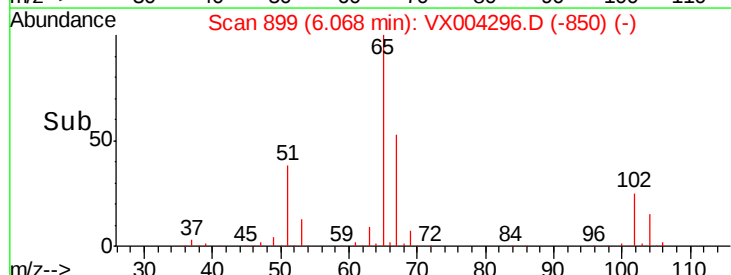
40000

20000

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Time-->

5.90 6.00 6.10 6.20

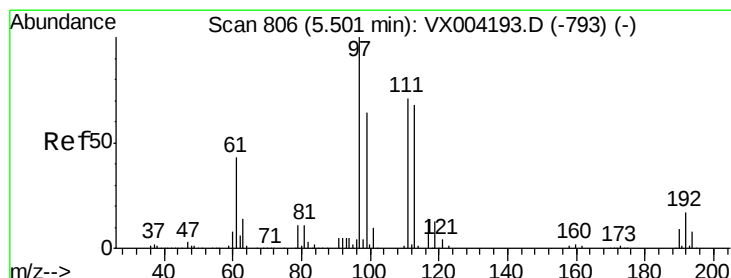
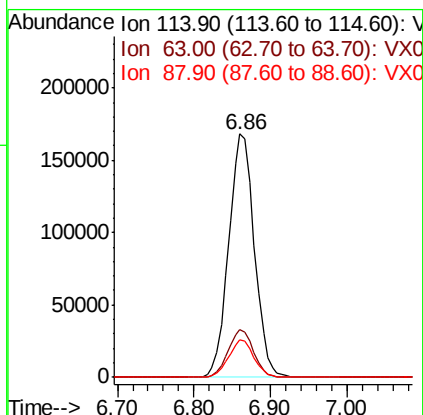
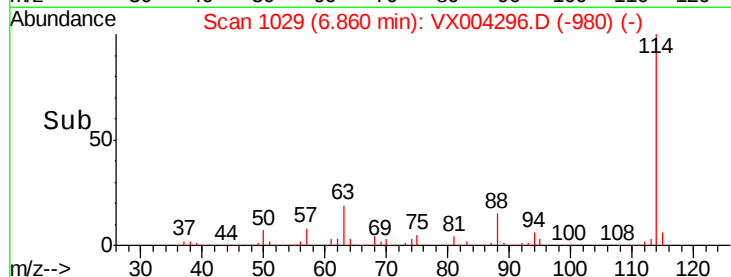
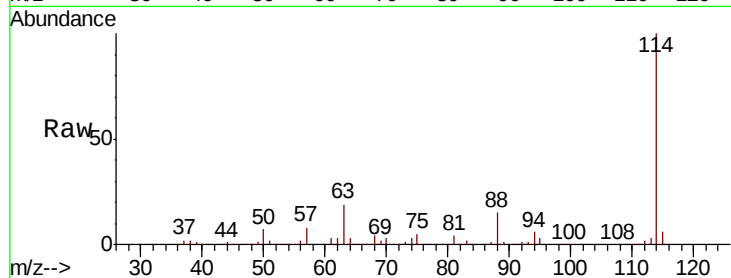




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004296.D
 Acq: 29 Aug 2018 16:44

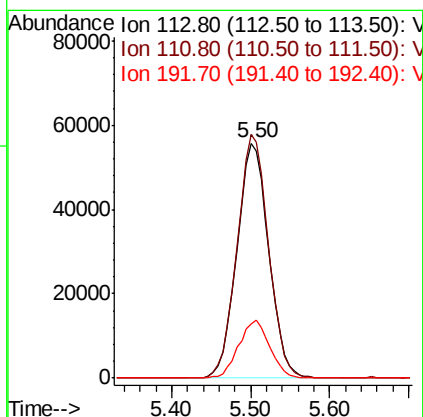
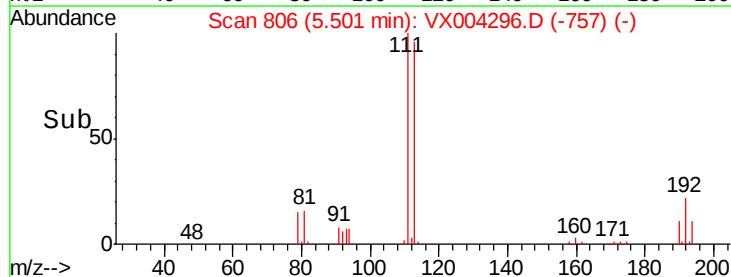
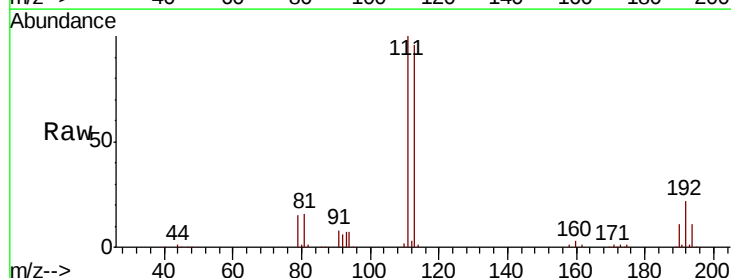
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M12W4-082318

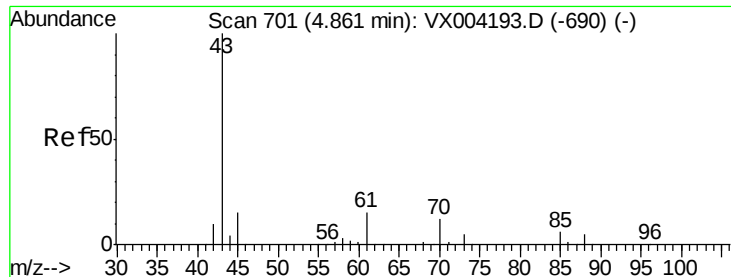
Tot Ion:114 Resp: 390554
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.2 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.75 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004296.D
 Acq: 29 Aug 2018 16:44

Tgt Ion:113 Resp: 156171
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 24.0 19.4 29.2

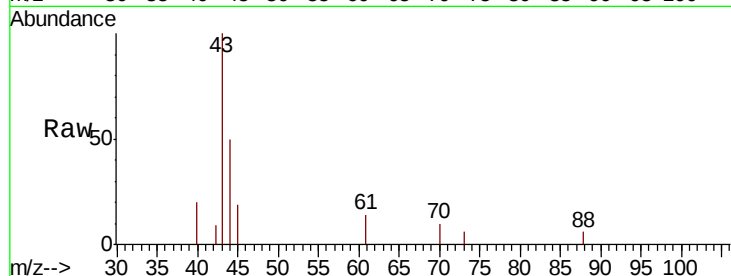




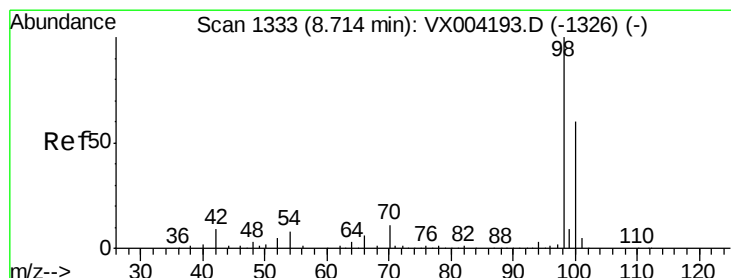
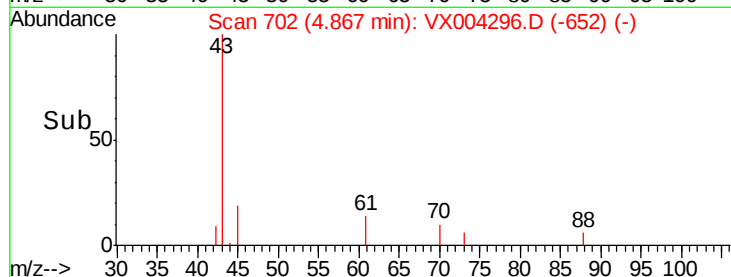
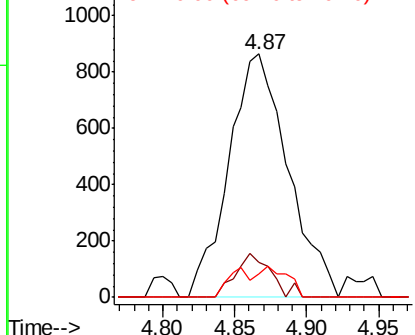
#37
Ethyl Acetate
Concen: 0.57 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX004296.D
Acq: 29 Aug 2018 16:44

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05D-M12W4-082318

Tot Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 6.3 9.0 13.6#

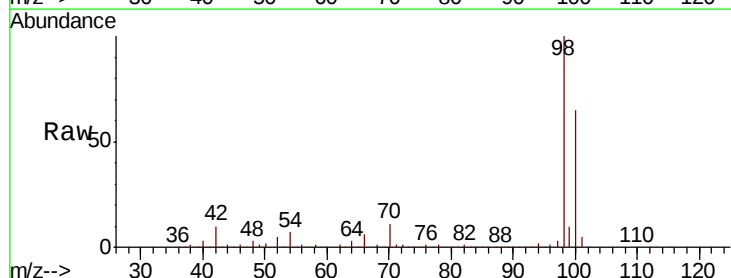


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

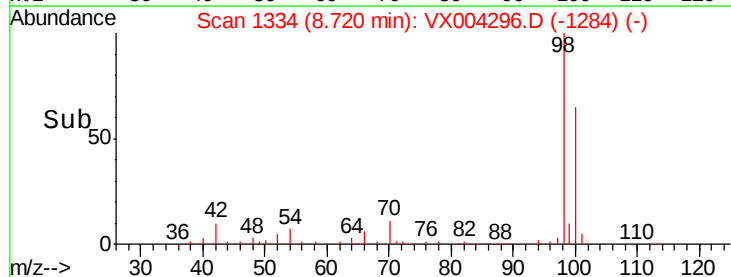
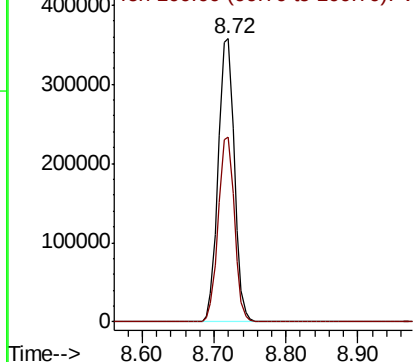


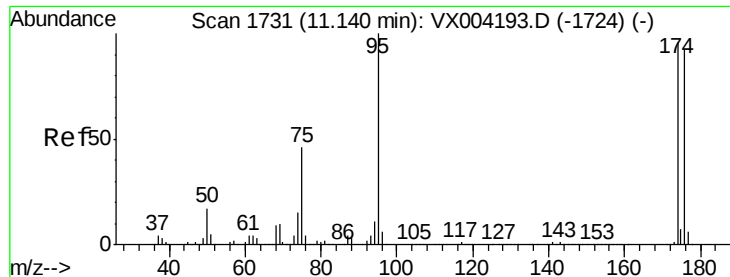
#50
Toluene-d8
Concen: 50.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VX004296.D
Acq: 29 Aug 2018 16:44

Tgt Ion: 98 Resp: 557330
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004296.D

Acq: 29 Aug 2018 16:44

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M12W4-082318

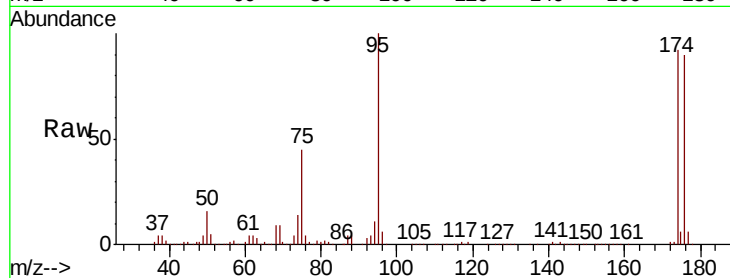
Tot Ion: 95 Resp: 190812

Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.2

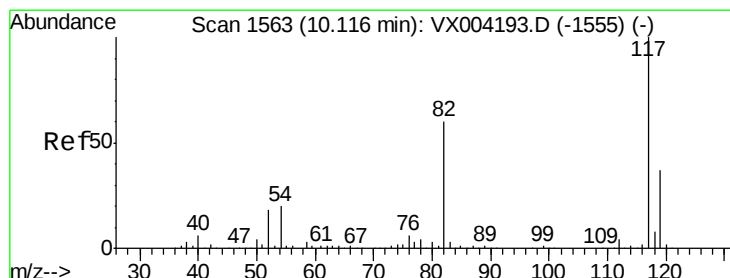
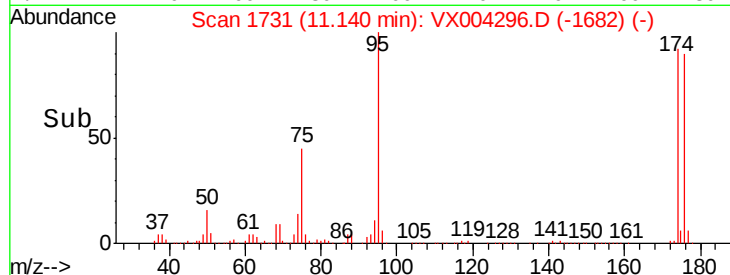
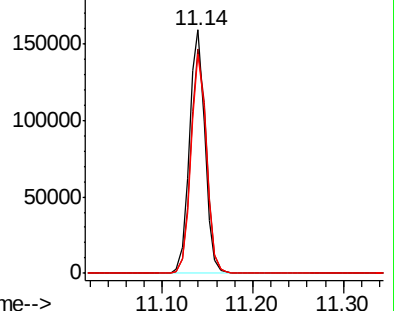
176 89.9 0.0 178.6



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: VX004296.D

Acq: 29 Aug 2018 16:44

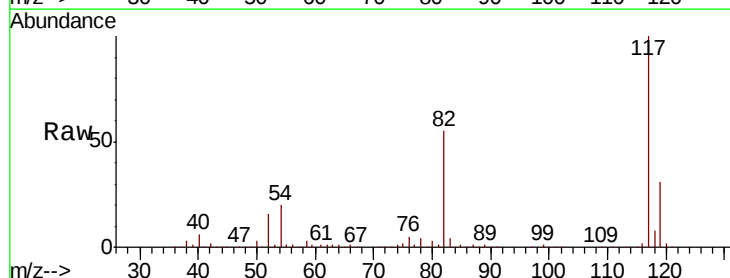
Tgt Ion: 117 Resp: 357479

Ion Ratio Lower Upper

117 100

82 54.8 47.8 71.6

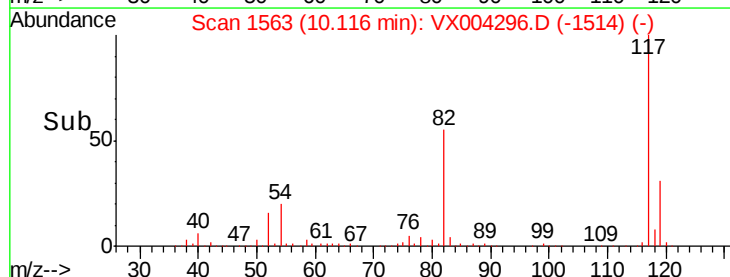
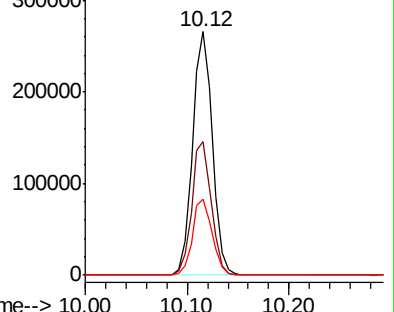
119 31.3 29.3 43.9

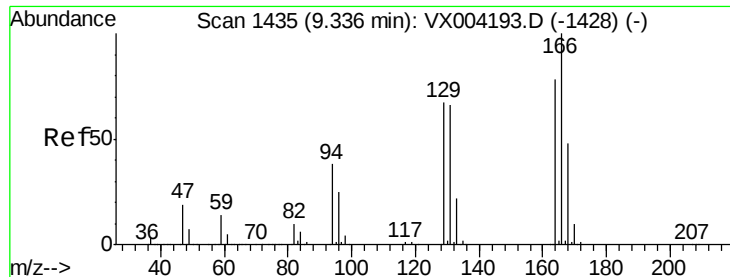


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

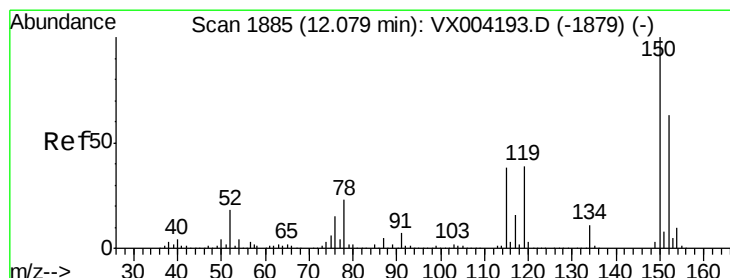
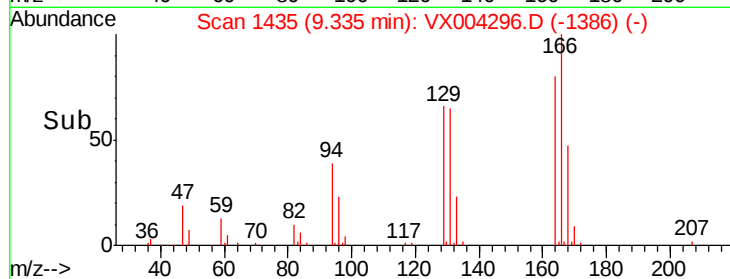
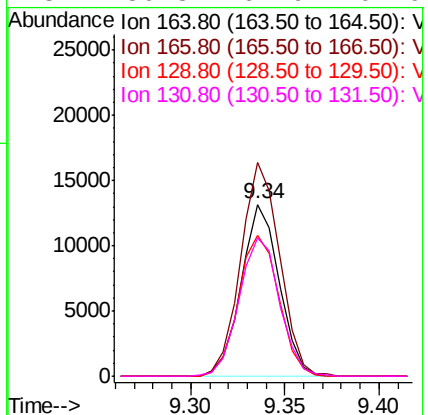
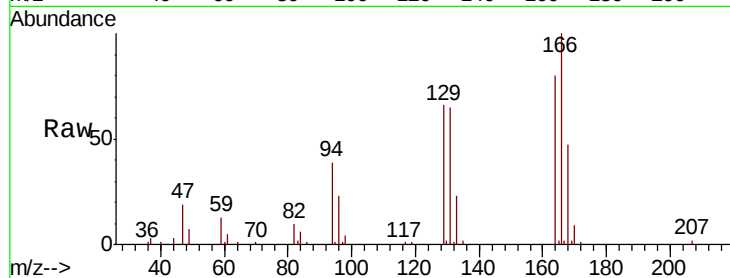




#64
Tetrachloroethene
Concen: 5.22 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004296.D
Acq: 29 Aug 2018 16:44

Instrument :
MSVOA_X
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CPA-CPMW05D-M12W4-082318

Tot Ion:164	Resp:	18435
Ion	Ratio	Lower Upper
164	100	
166	124.5	102.8 154.2
129	82.1	69.4 104.0
131	80.3	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: VX004296.D
Acq: 29 Aug 2018 16:44

Tgt Ion:152	Resp:	190075
Ion	Ratio	Lower Upper
152	100	
115	54.2	39.0 117.0
150	146.8	0.0 351.0

