

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008084.D
 Acq On : 14 Mar 2019 22:00
 Operator : JC/SP
 Sample : K1829-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW09S-M20W2-030519

Quant Time: Mar 15 05:13:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

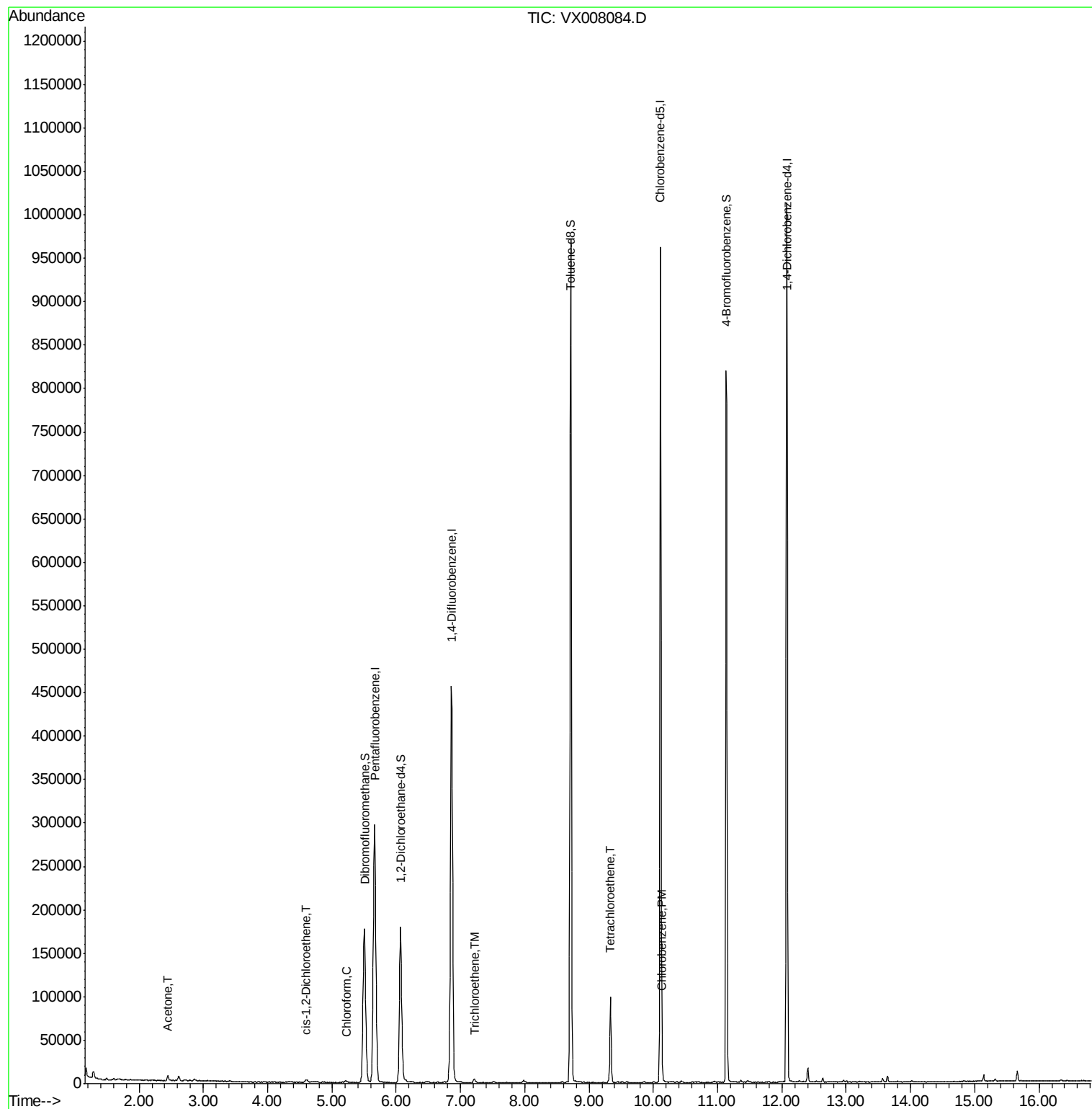
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	493176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	466718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159263	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	5.51	113	154385	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	588977	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	219839	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
Target Compounds						
16) Acetone	2.45	43	6117	4.033	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	2382	0.766	ug/l	88
30) Chloroform	5.21	83	1982	0.406	ug/l	97
44) Trichloroethene	7.21	130	1693	0.472	ug/l	91
64) Tetrachloroethene	9.34	164	21092	5.578	ug/l	99
65) Chlorobenzene	10.14	112	4247	0.459	ug/l	98

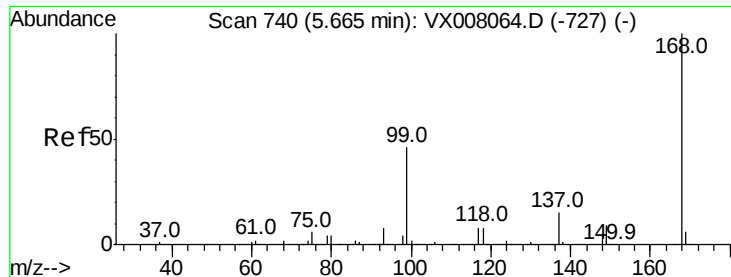
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031419\
Data File : VX008084.D
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CPA-CPMW09S-M20W2-030519

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008084.D

Acq: 14 Mar 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

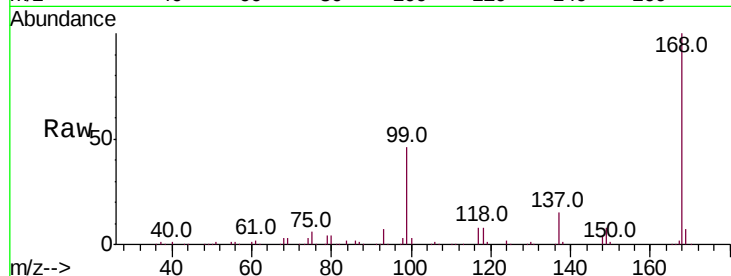
CPA-CPMW09S-M20W2-030519

Tot Ion:168 Resp: 318452

Ion Ratio Lower Upper

168 100

99 45.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

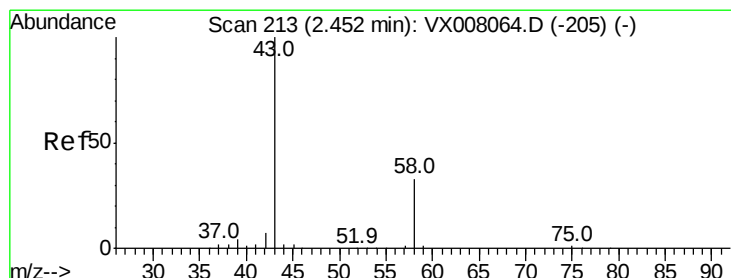
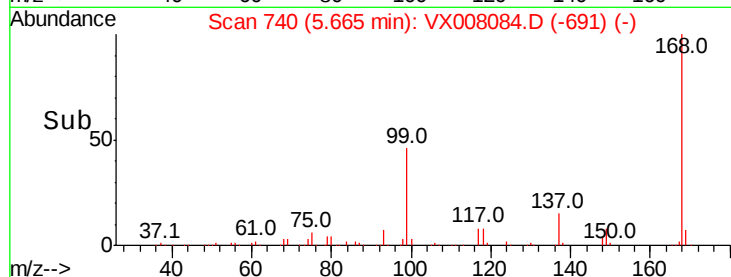
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 4.033 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008084.D

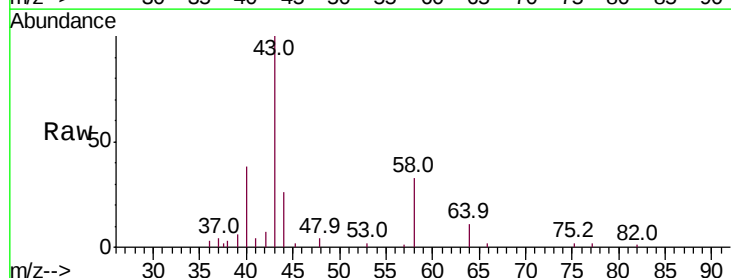
Acq: 14 Mar 2019 22:00

Tgt Ion: 43 Resp: 6117

Ion Ratio Lower Upper

43 100

58 33.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

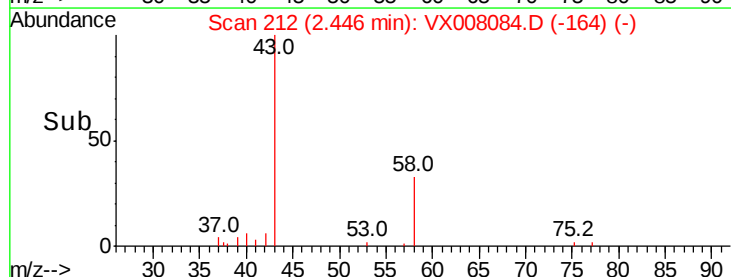
3000

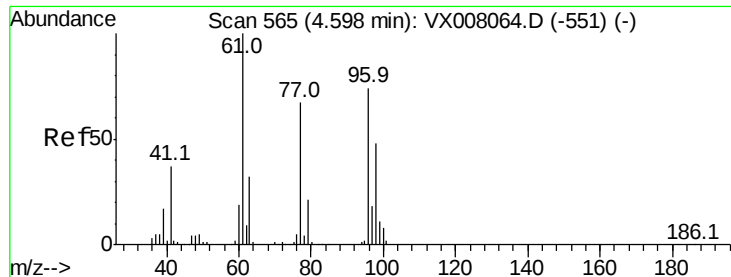
2000

1000

0

Time-->



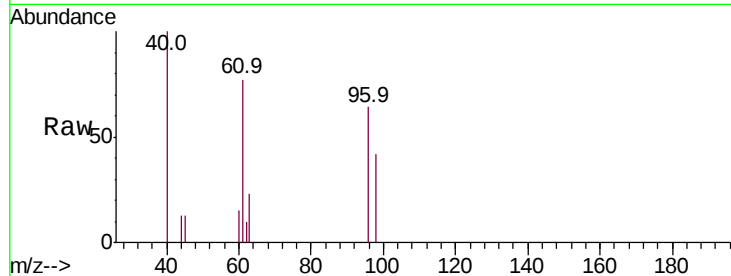


#27

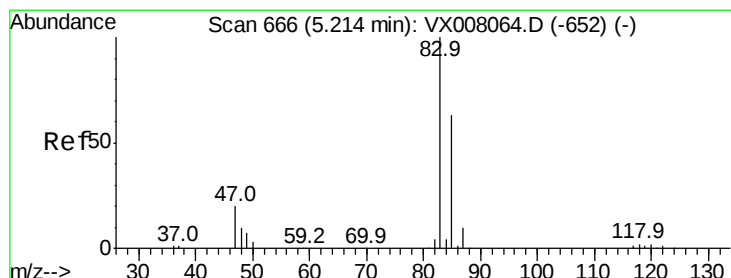
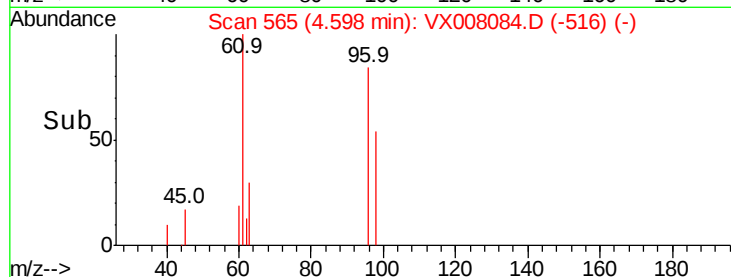
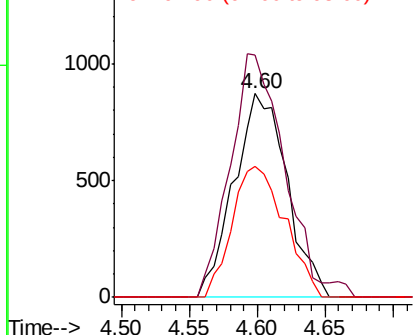
cis-1,2-Dichloroethene
 Concen: 0.766 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008084.D
 Acq: 14 Mar 2019 22:00

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW09S-M20W2-030519

Tot Ion: 96 Resp: 2382
 Ion Ratio Lower Upper
 96 100
 61 122.8 0.0 288.0
 98 63.7 0.0 129.0



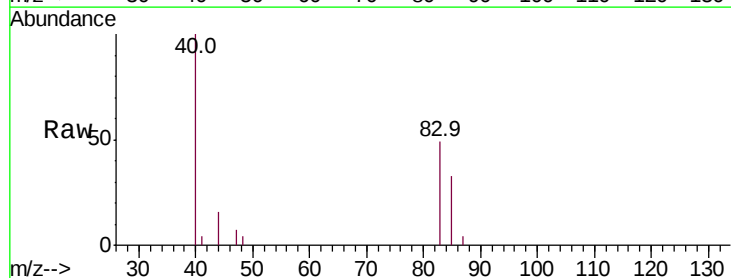
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



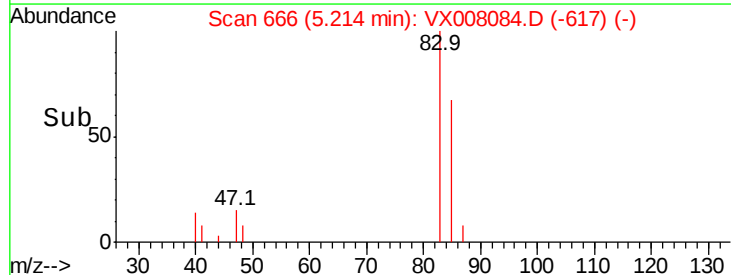
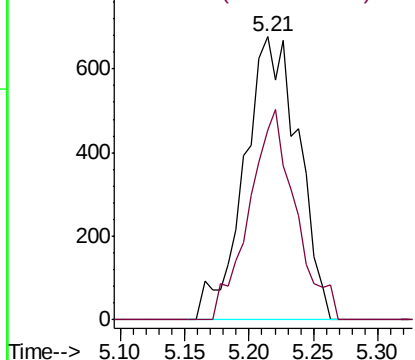
#30

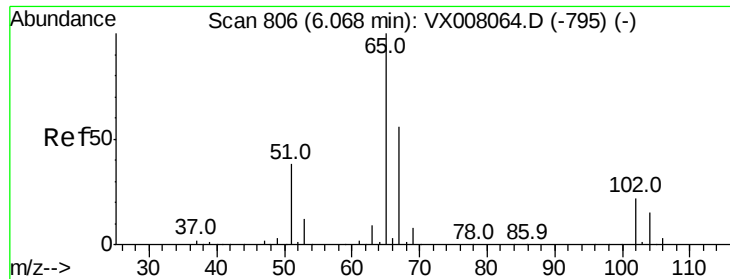
Chloroform
 Concen: 0.406 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VX008084.D
 Acq: 14 Mar 2019 22:00

Tgt Ion: 83 Resp: 1982
 Ion Ratio Lower Upper
 83 100
 85 67.1 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.578 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008084.D

Acq: 14 Mar 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

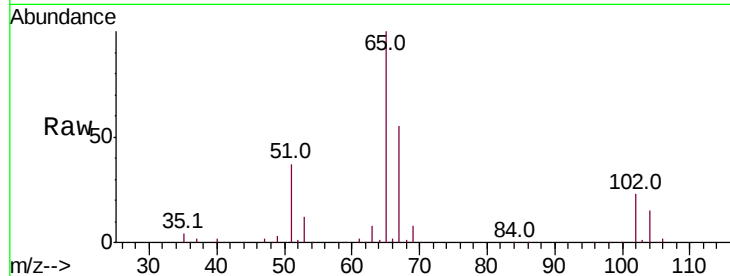
CPA-CPMW09S-M20W2-030519

Tot Ion: 65 Resp: 159263

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

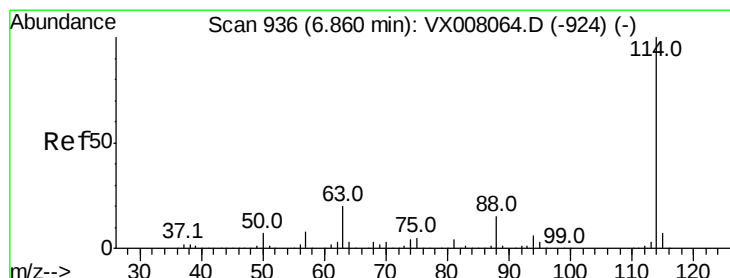
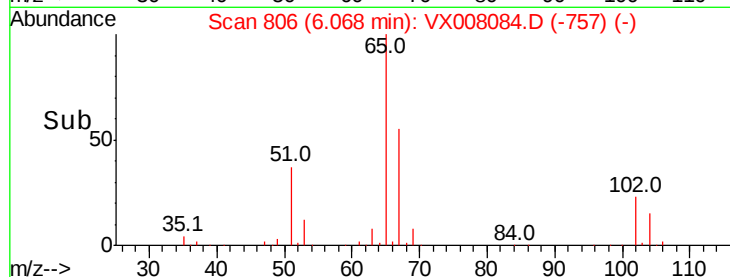
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008084.D

Acq: 14 Mar 2019 22:00

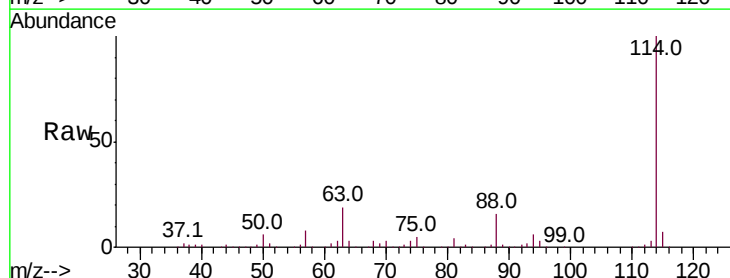
Tgt Ion:114 Resp: 493176

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.8

88 15.7 0.0 31.4



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

6.86

250000

200000

150000

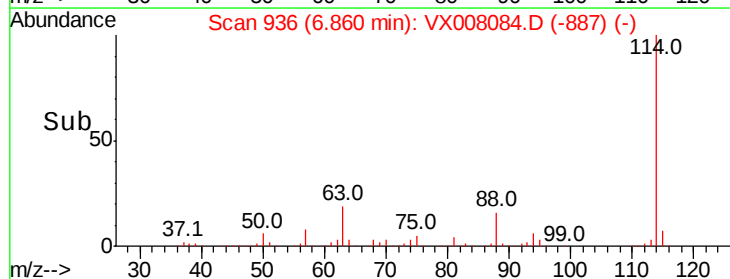
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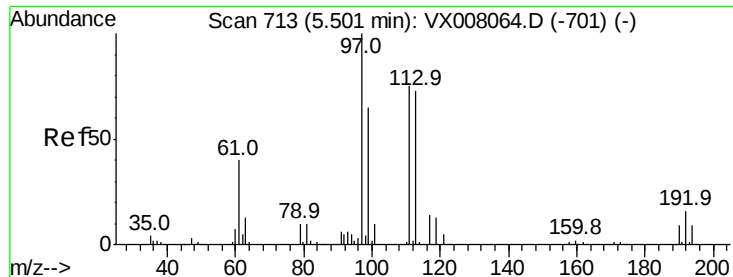
50000

0

Time-->

6.70 6.80 6.90 7.00

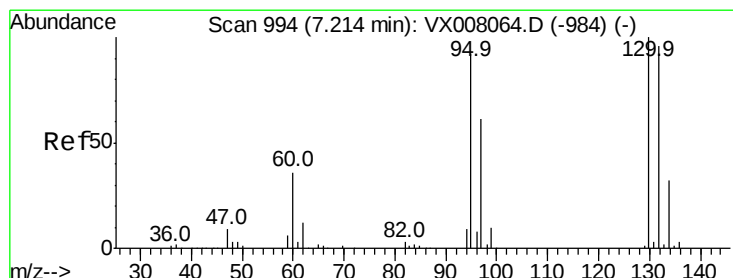
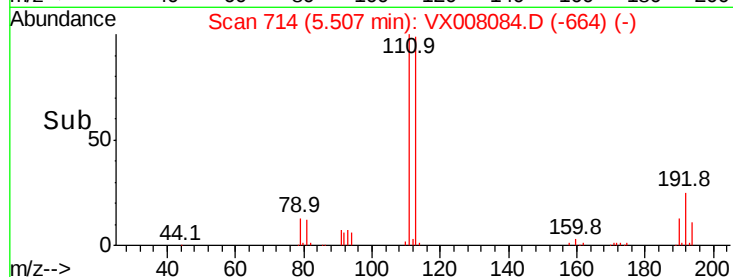
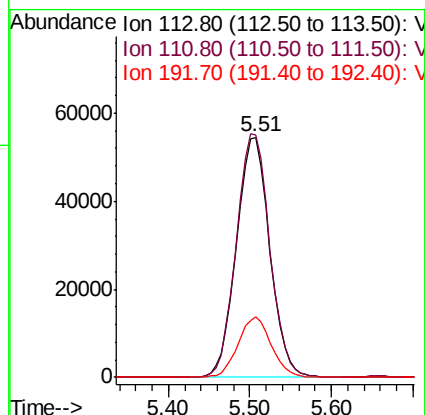
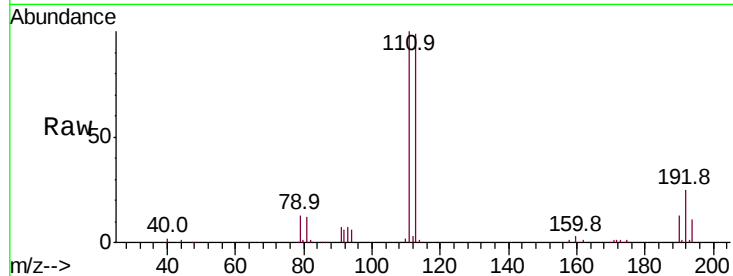




#35
Dibromofluoromethane
Concen: 49.364 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008084.D
Acq: 14 Mar 2019 22:00

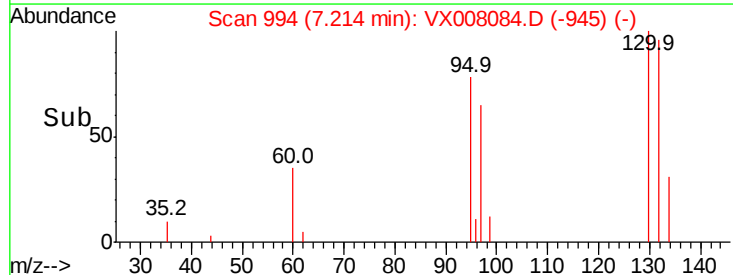
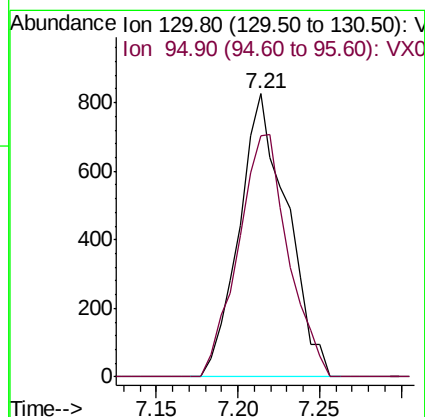
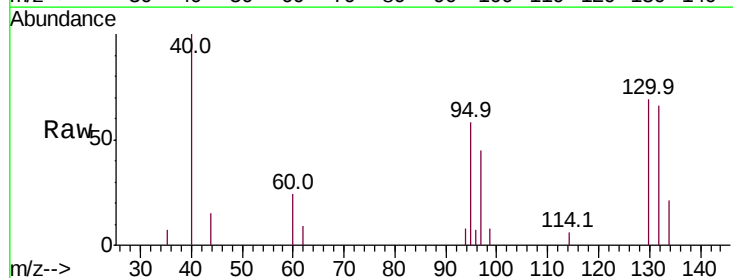
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW09S-M20W2-030519

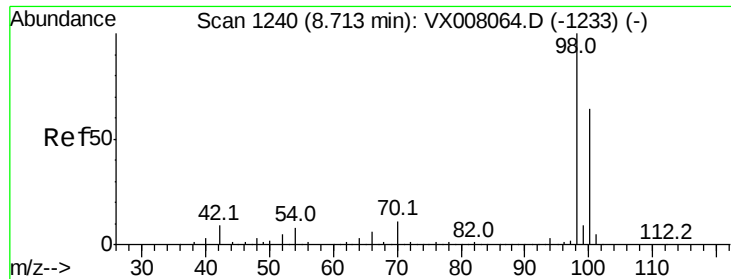
Tot Ion:113 Resp: 154385
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 24.9 19.4 29.0



#44
Trichloroethene
Concen: 0.472 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008084.D
Acq: 14 Mar 2019 22:00

Tgt Ion:130 Resp: 1693
Ion Ratio Lower Upper
130 100
95 85.1 0.0 188.0





#50

Toluene-d8

Concen: 49.516 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008084.D

Acq: 14 Mar 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

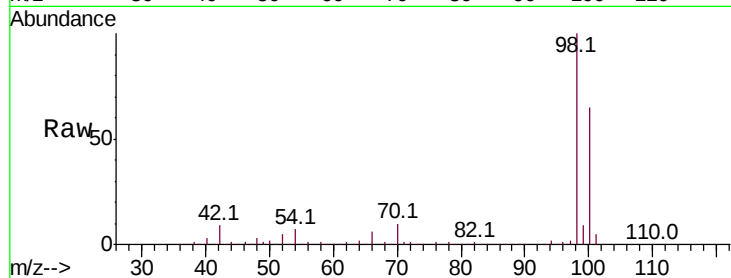
CPA-CPMW09S-M20W2-030519

Tot Ion: 98 Resp: 588977

Ion Ratio Lower Upper

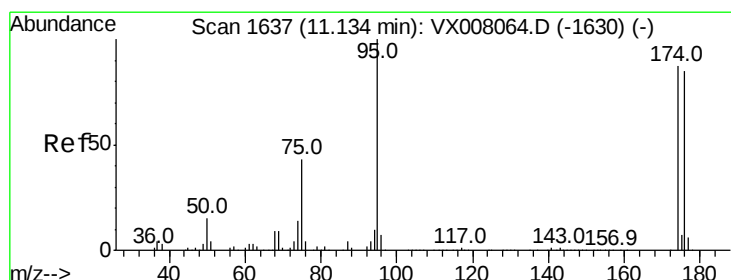
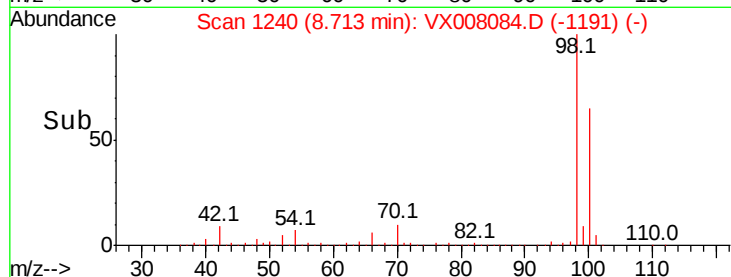
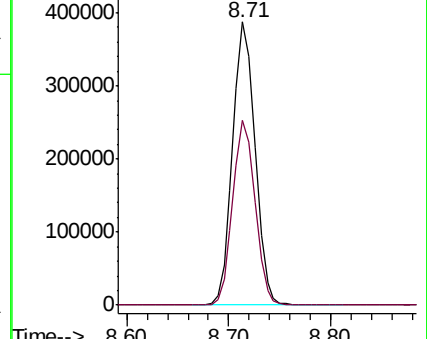
98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 51.592 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008084.D

Acq: 14 Mar 2019 22:00

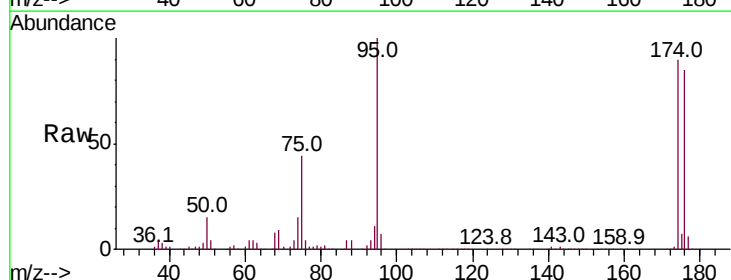
Tgt Ion: 95 Resp: 219839

Ion Ratio Lower Upper

95 100

174 96.8 0.0 182.8

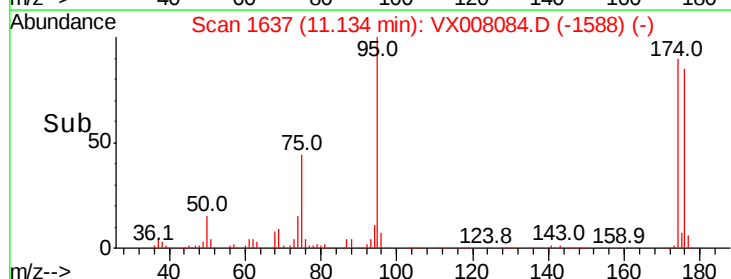
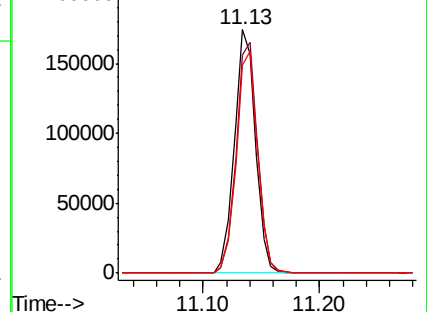
176 92.6 0.0 178.0

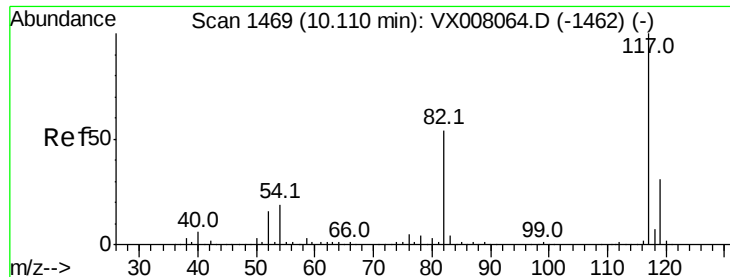


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

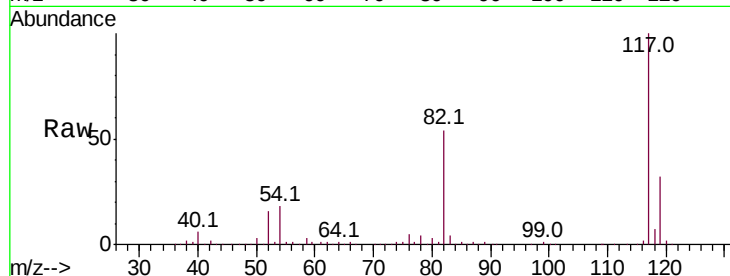




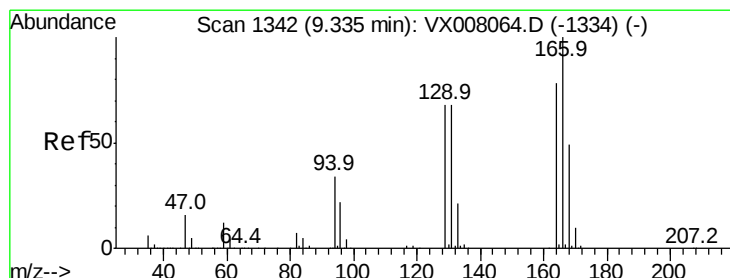
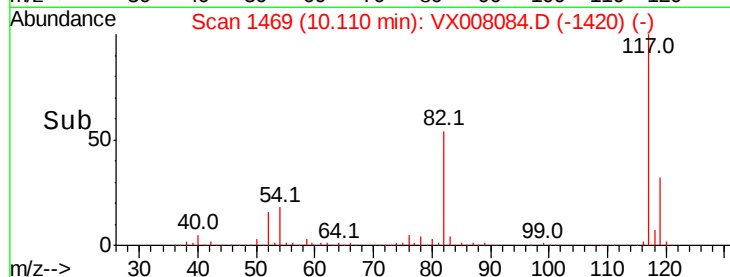
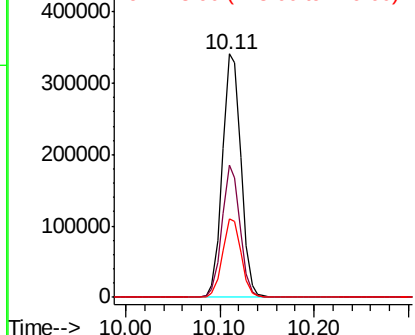
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008084.D
Acq: 14 Mar 2019 22:00

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW09S-M20W2-030519

Tot Ion:117 Resp: 466718
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.3 25.3 37.9



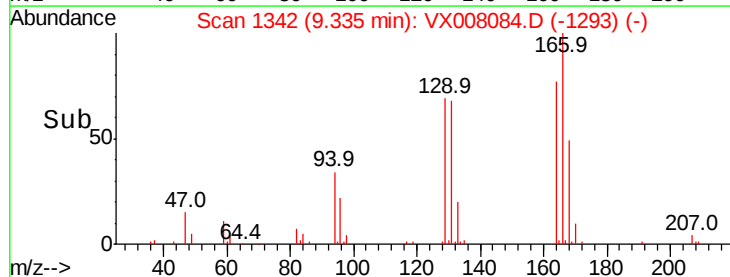
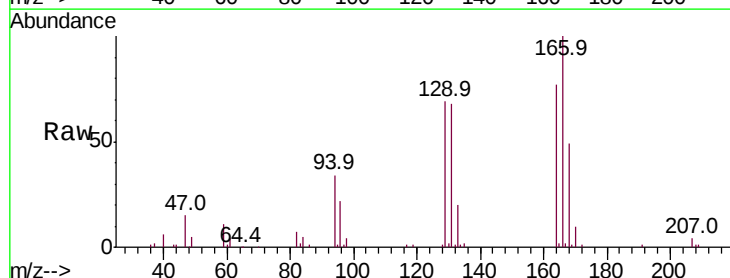
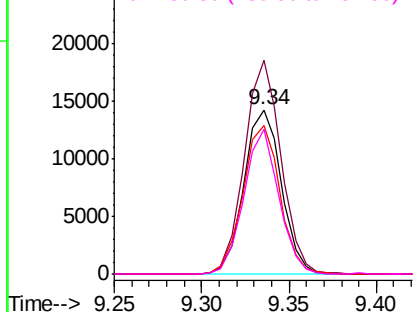
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

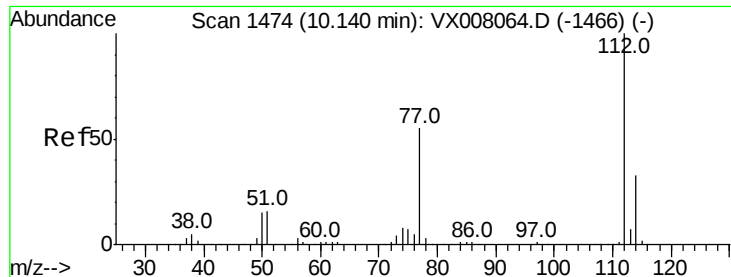


#64
Tetrachloroethene
Concen: 5.578 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008084.D
Acq: 14 Mar 2019 22:00

Tgt Ion:164 Resp: 21092
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.0
129 90.2 72.2 108.4
131 87.9 69.4 104.2

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

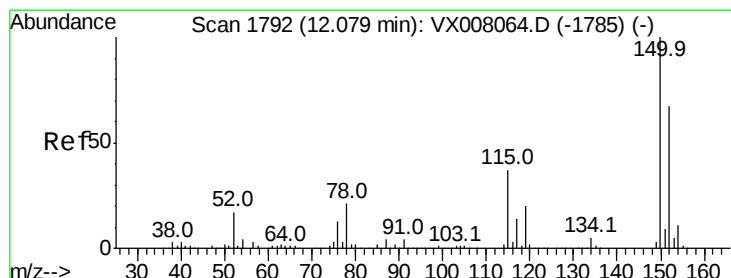
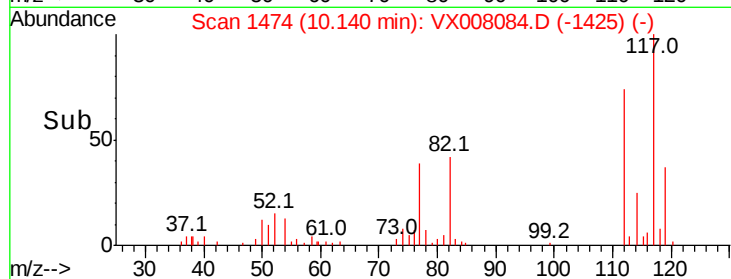
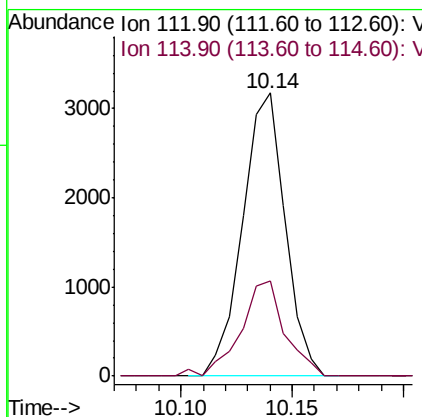
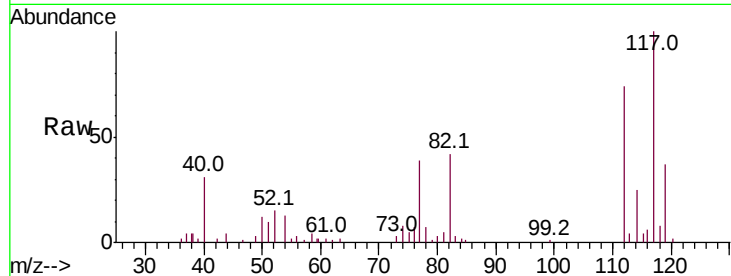




#65
 Chlorobenzene
 Concen: 0.459 ug/l
 RT: 10.14 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: VX008084.D
 Acq: 14 Mar 2019 22:00

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW09S-M20W2-030519

Tot Ion:112 Resp: 4247
 Ion Ratio Lower Upper
 112 100
 114 33.6 26.0 39.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008084.D
 Acq: 14 Mar 2019 22:00

Tgt Ion:152 Resp: 234045
 Ion Ratio Lower Upper
 152 100
 115 53.4 38.6 115.7
 150 156.3 0.0 348.4

