

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006349.D
 Acq On : 07 Dec 2018 16:05
 Operator : JC/MD
 Sample : J6252-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-AMW-4-M16W4-11-28-18-D

Quant Time: Dec 08 00:11:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	792389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1223943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1103046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	530901	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	402396	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
35) Dibromofluoromethane	5.50	113	379332	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	1422044	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	526617	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	

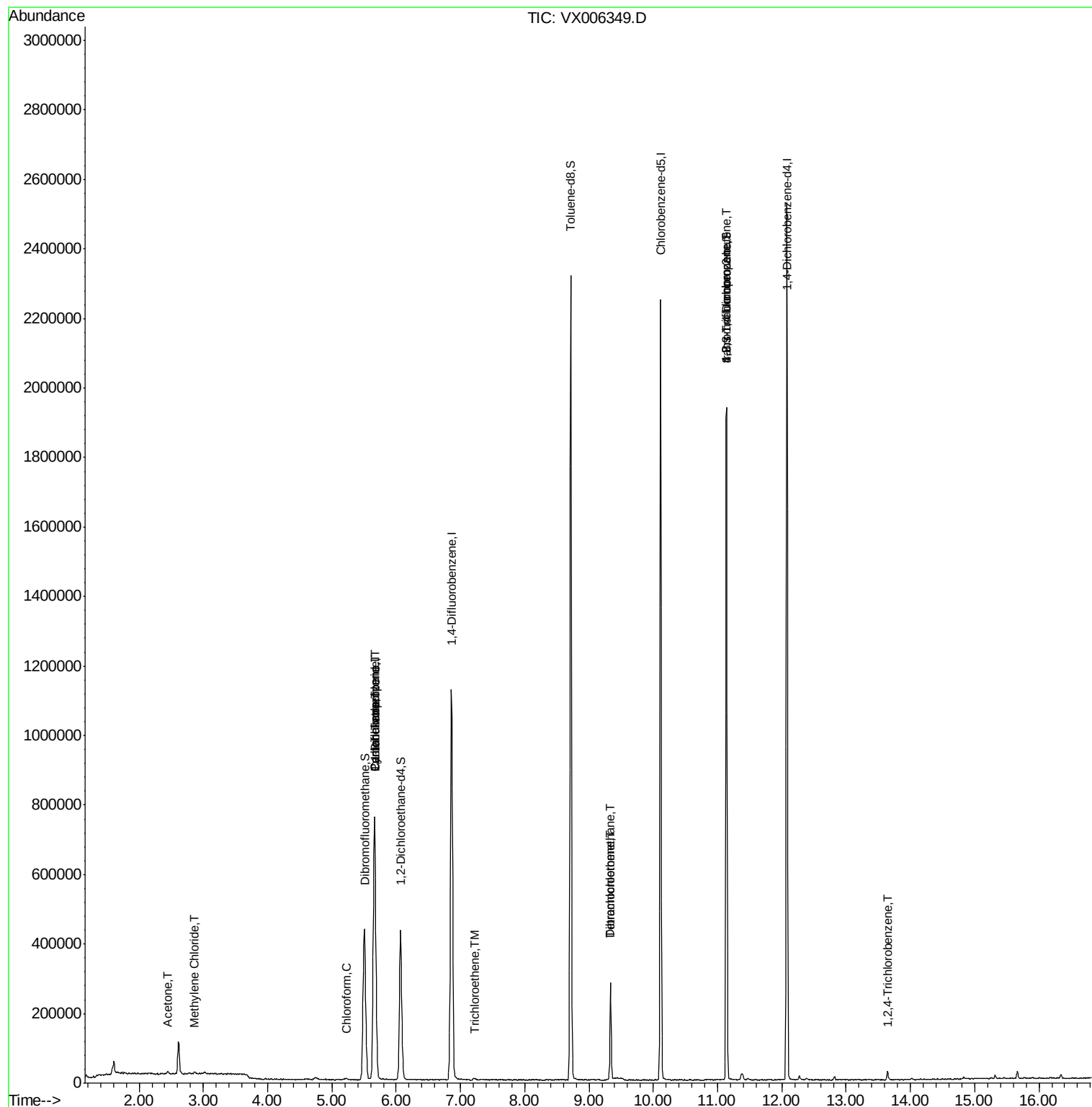
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7186	1.893	ug/l #	85
20) Methylene Chloride	2.86	84	2191	0.271	ug/l #	78
30) Chloroform	5.23	83	4876	0.367	ug/l	100
31) Cyclohexane	5.66	56	12133	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	48633	4.719	ug/l #	48
38) Carbon Tetrachloride	5.67	117	74782	6.168	ug/l #	15
44) Trichloroethene	7.22	130	2120	0.227	ug/l	83
60) Dibromochloromethane	9.34	129	48952	4.811	ug/l #	11
64) Tetrachloroethene	9.34	164	52623	6.335	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	239313	23.354	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	239313	54.805	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.65	180	6113	0.466	ug/l	90

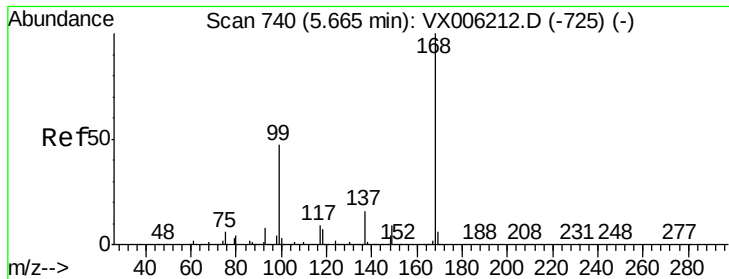
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

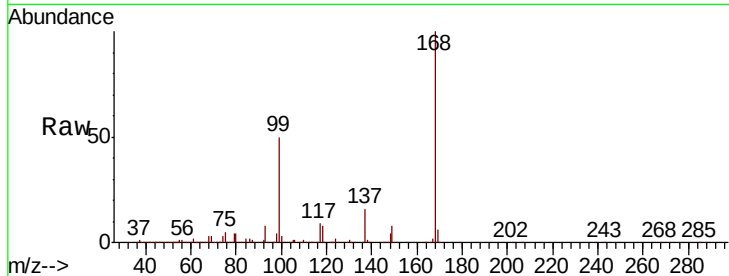
CPA-AMW-4-M16W4-11-28-18-D

Tot Ion:168 Resp: 792389

Ion Ratio Lower Upper

168 100

99 50.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

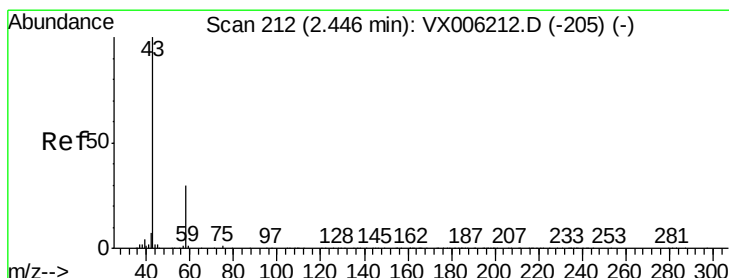
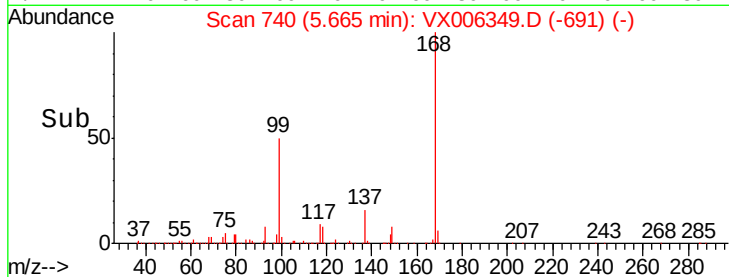
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.893 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006349.D

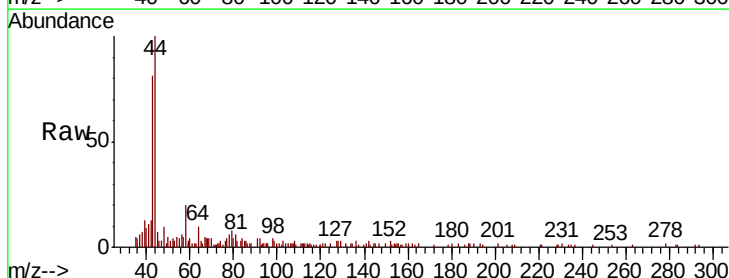
Acq: 07 Dec 2018 16:05

Tgt Ion: 43 Resp: 7186

Ion Ratio Lower Upper

43 100

58 22.1 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

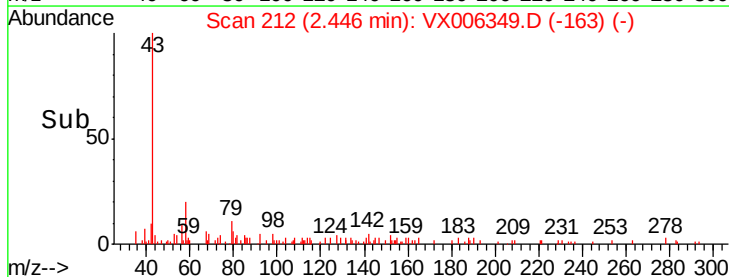
2000

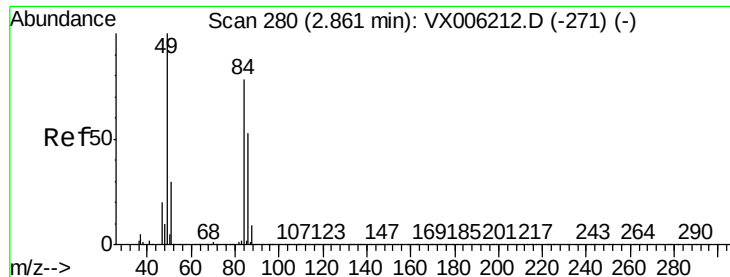
1000

0

Time-->

2.40 2.45 2.50

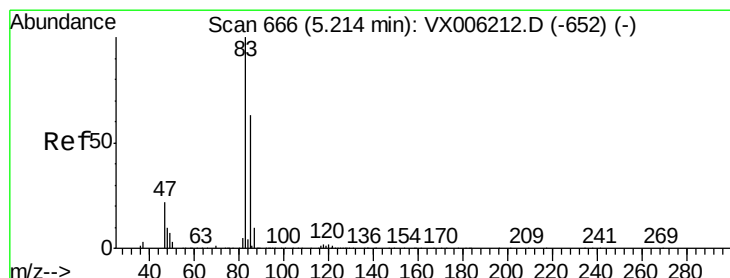
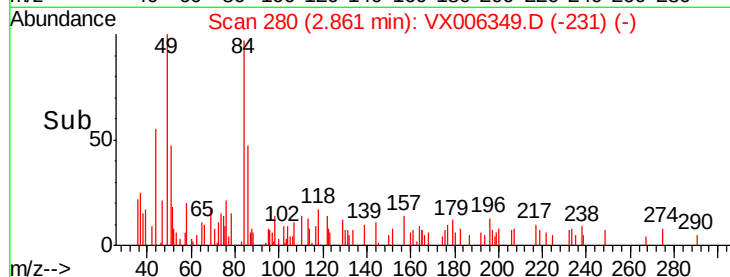
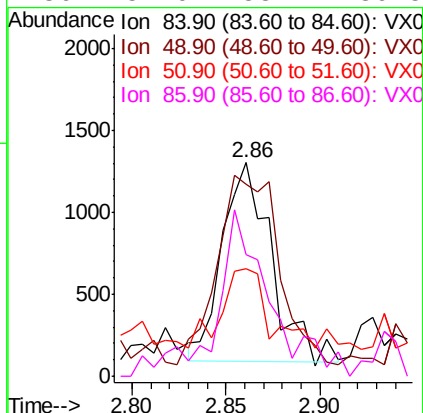
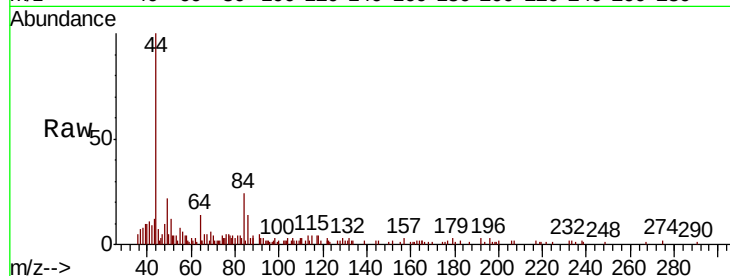




#20
Methylene Chloride
Concen: 0.271 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

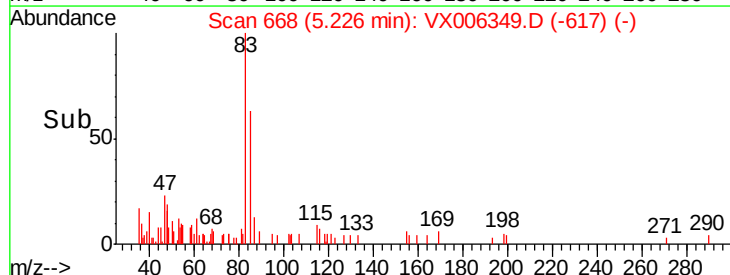
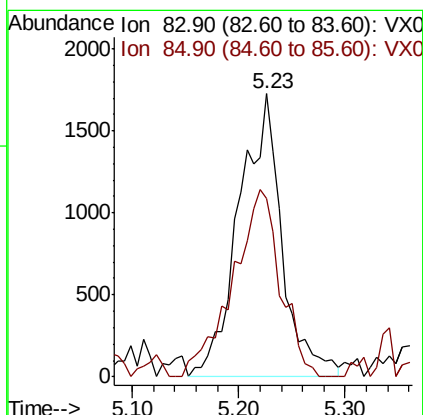
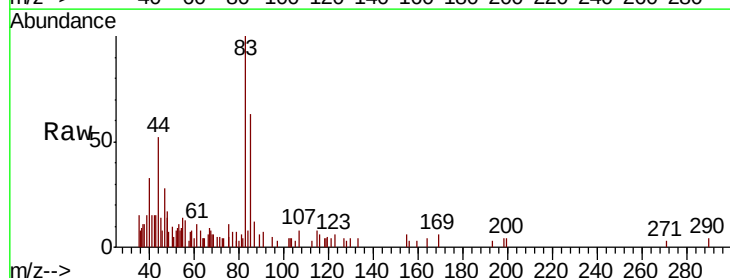
Instrument :
MSVOA_X
ClientSampleId :
CPA-AMW-4-M16W4-11-28-18-D

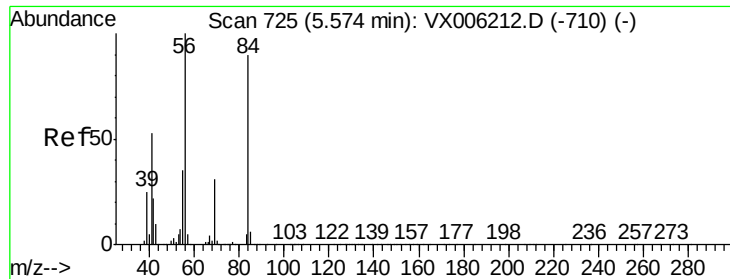
Tot Ion: 84 Resp: 2191
Ion Ratio Lower Upper
84 100
49 91.3 102.2 153.4#
51 38.5 31.1 46.7
86 54.0 53.7 80.5



#30
Chloroform
Concen: 0.367 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.01 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

Tgt Ion: 83 Resp: 4876
Ion Ratio Lower Upper
83 100
85 63.0 50.3 75.5

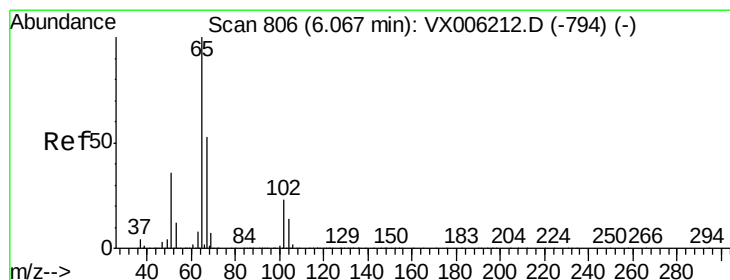
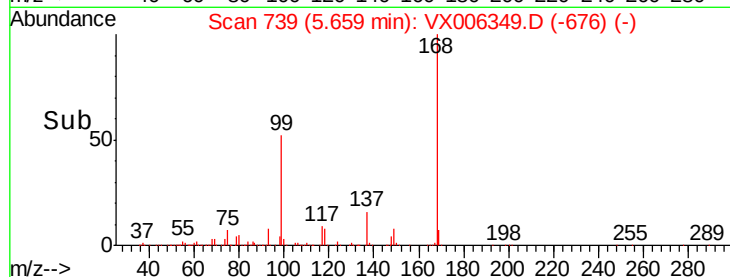
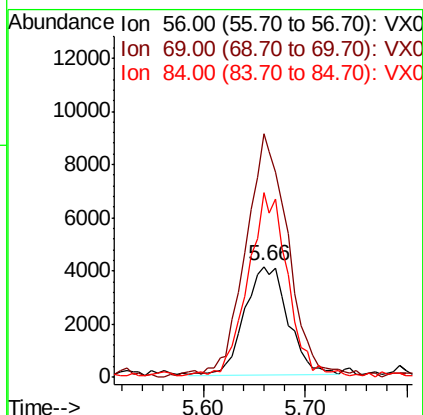
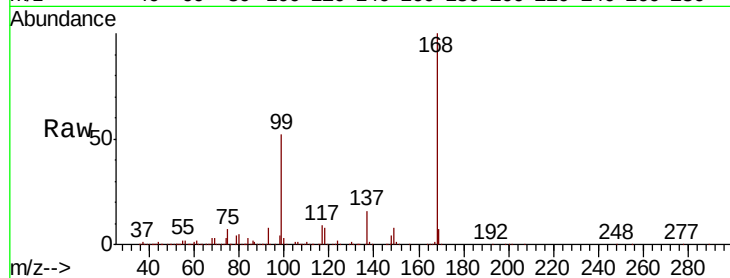




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

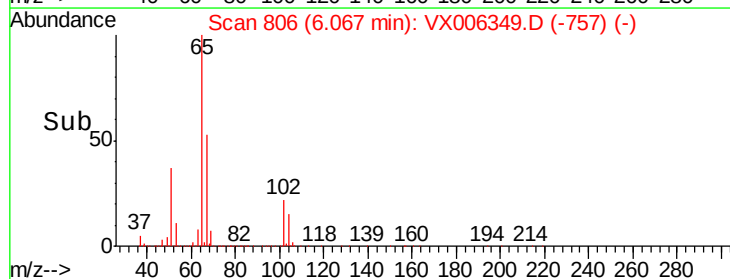
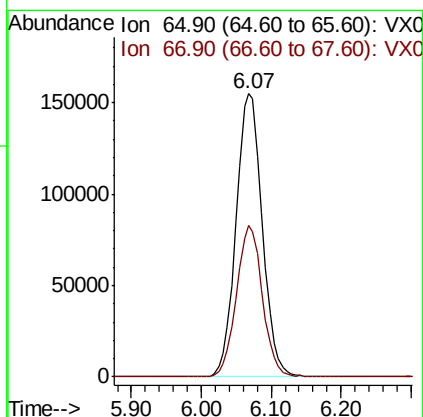
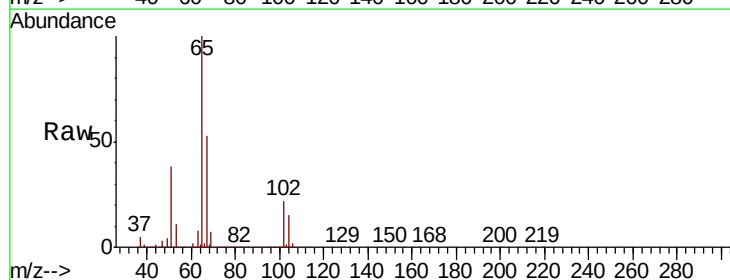
Instrument :
MSVOA_X
ClientSampleId :
CPA-AMW-4-M16W4-11-28-18-D

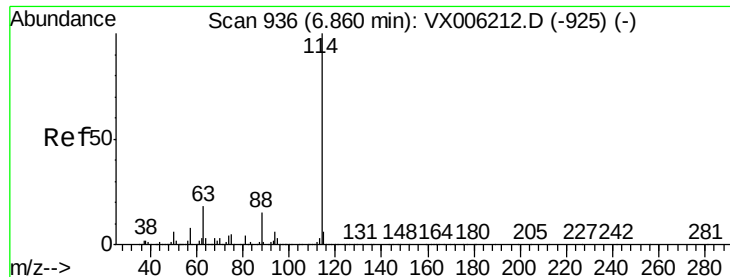
Tot Ion: 56 Resp: 12133
Ion Ratio Lower Upper
56 100
69 219.4 24.5 36.7#
84 166.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 49.746 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

Tgt Ion: 65 Resp: 402396
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

CPA-AMW-4-M16W4-11-28-18-D

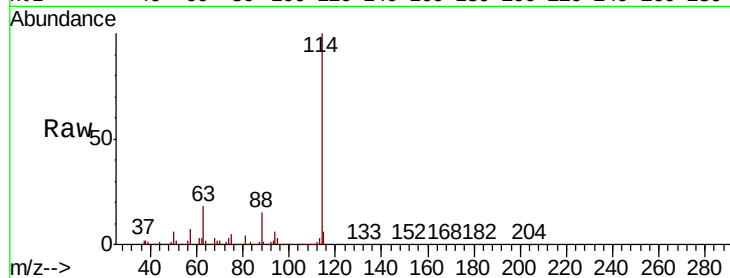
Tot Ion:114 Resp: 1223943

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

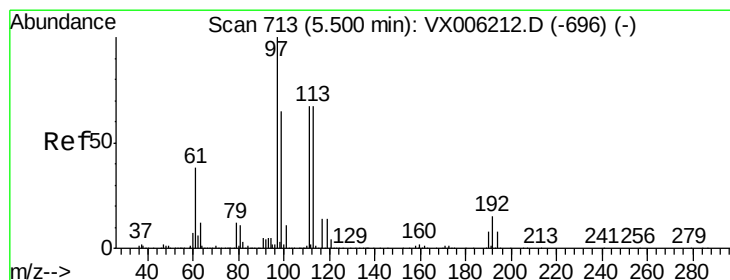
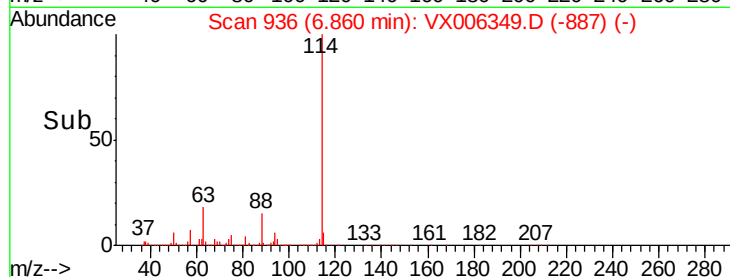
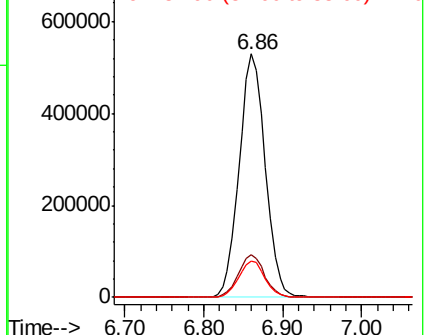
88 14.6 0.0 29.0



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: 47.868 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

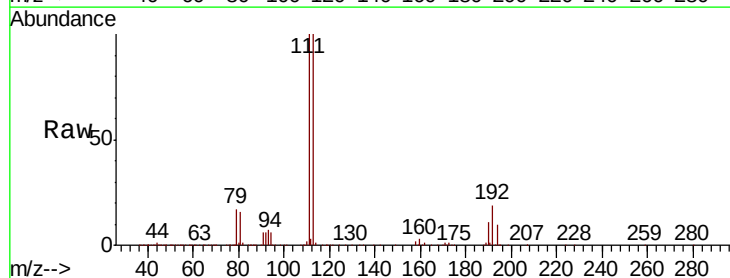
Tgt Ion:113 Resp: 379332

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

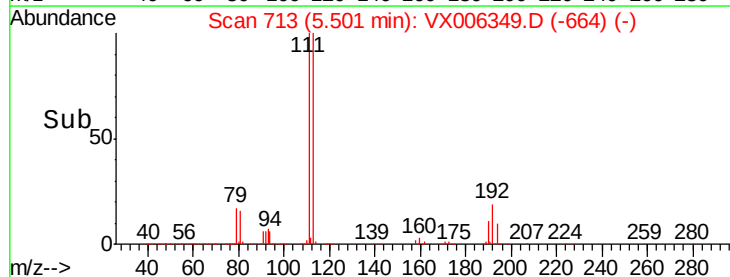
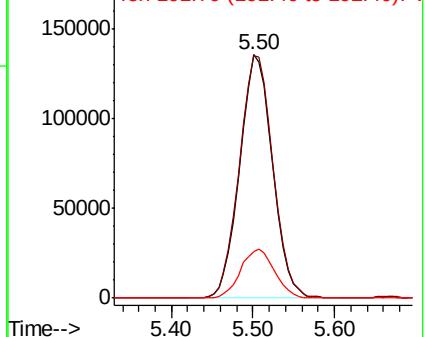
192 20.9 18.2 27.2

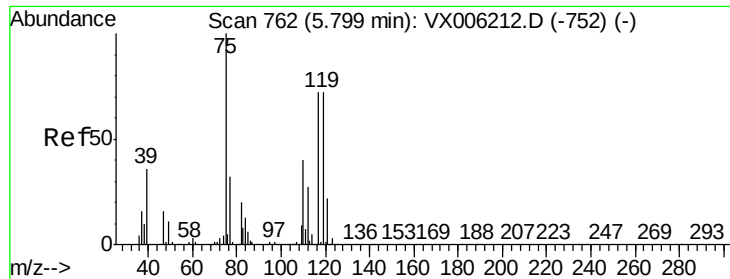


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

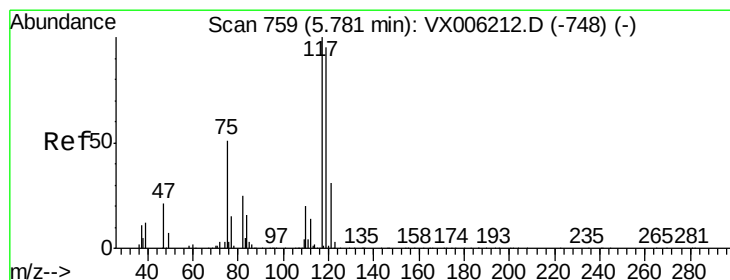
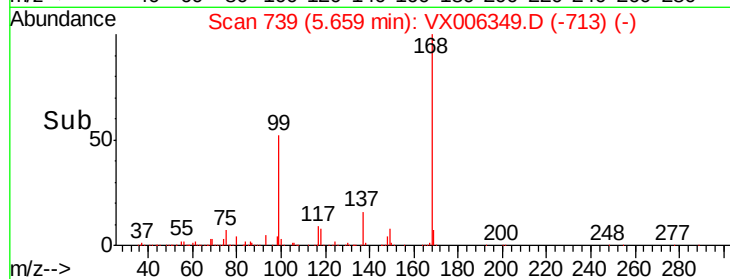
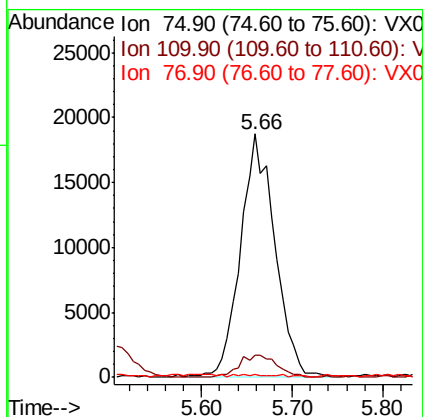
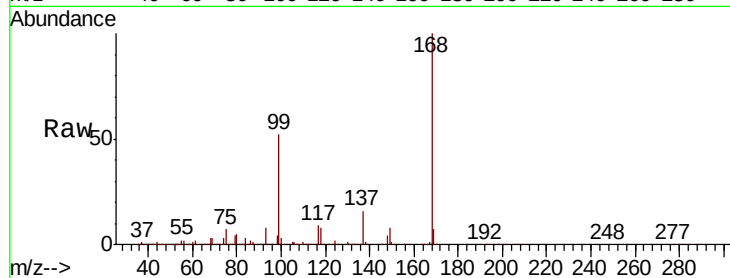




#36
 1,1-Dichloropropene
 Concen: 4.719 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006349.D
 Acq: 07 Dec 2018 16:05

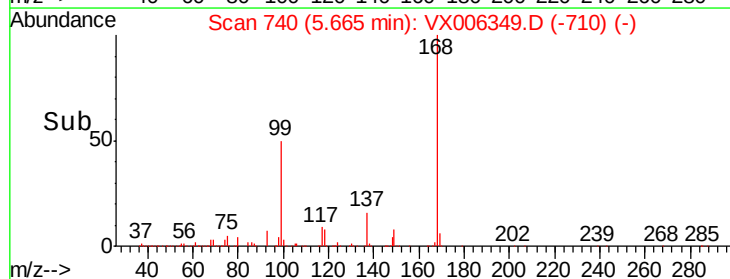
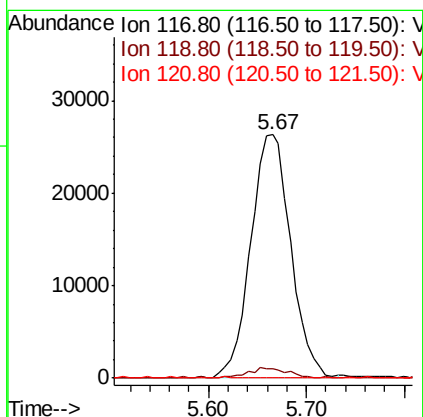
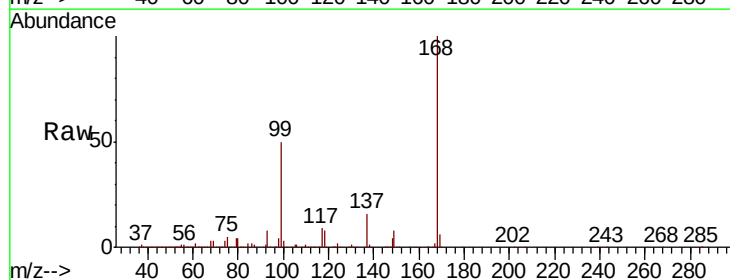
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-AMW-4-M16W4-11-28-18-D

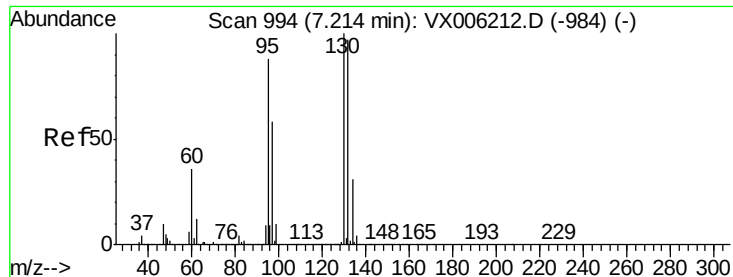
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.4	61.3#
77	0.3	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.168 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006349.D
 Acq: 07 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	75.8	113.8#
121	0.0	24.6	37.0#





#44

Trichloroethene

Concen: 0.227 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

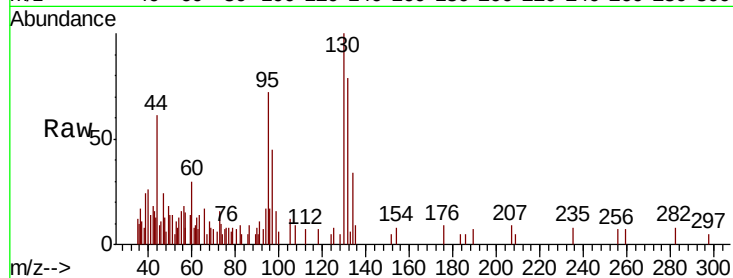
CPA-AMW-4-M16W4-11-28-18-D

Tot Ion:130 Resp: 2120

Ion Ratio Lower Upper

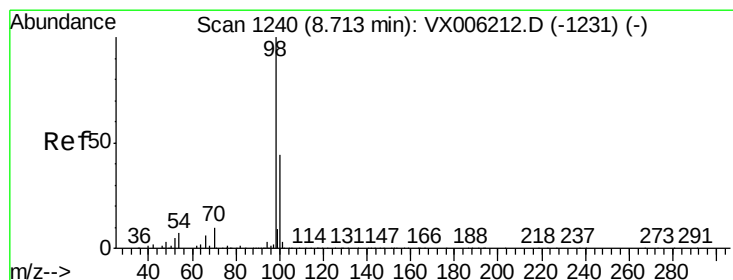
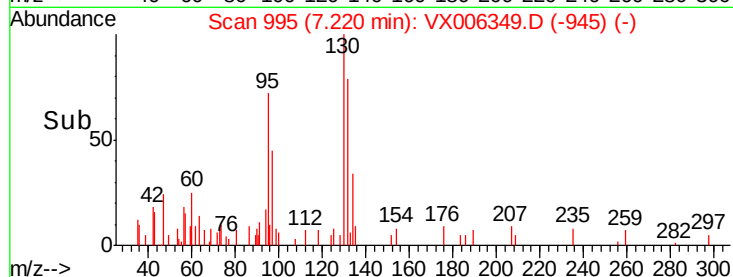
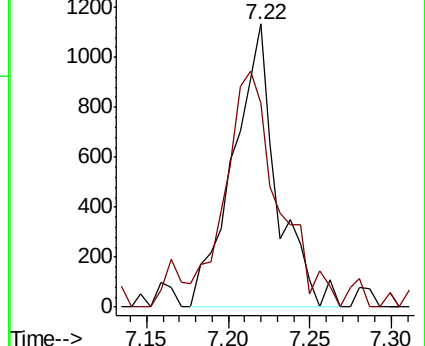
130 100

95 72.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.334 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006349.D

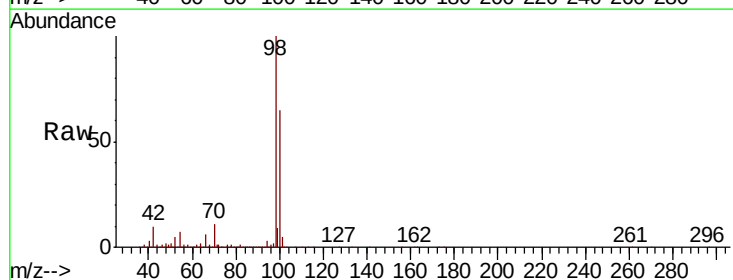
Acq: 07 Dec 2018 16:05

Tgt Ion: 98 Resp: 1422044

Ion Ratio Lower Upper

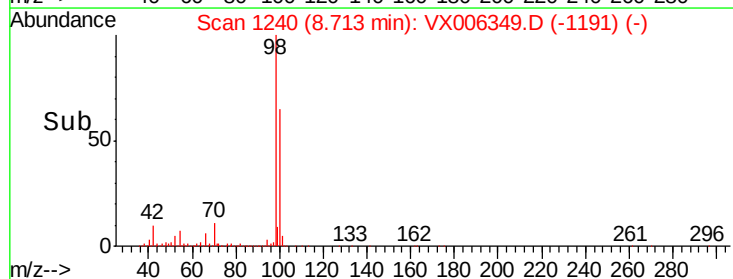
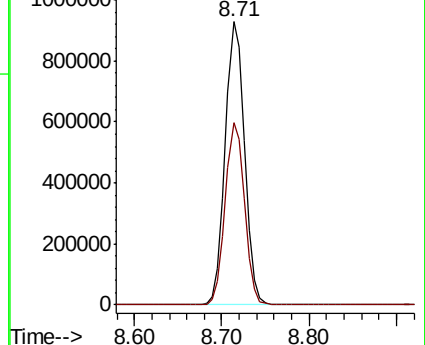
98 100

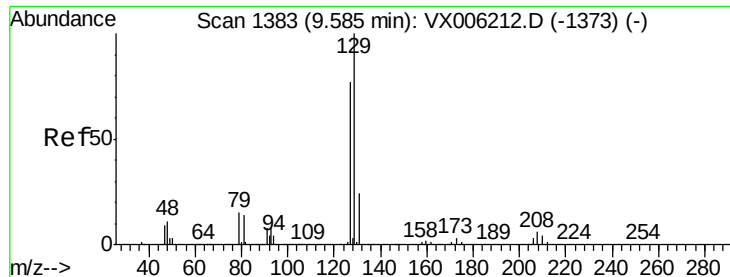
100 64.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 4.811 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

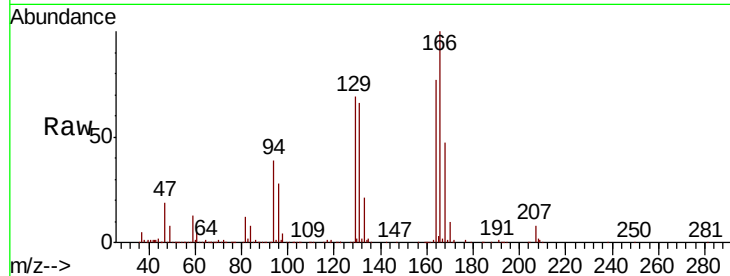
CPA-AMW-4-M16W4-11-28-18-D

Tot Ion:129 Resp: 48952

Ion Ratio Lower Upper

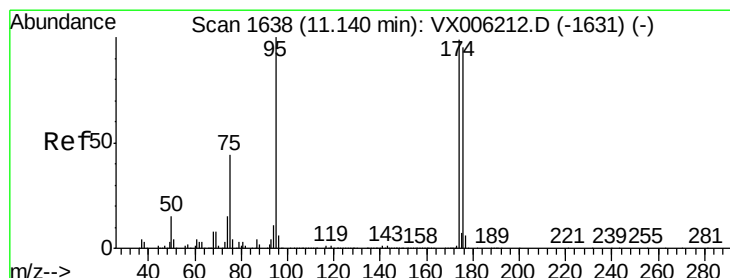
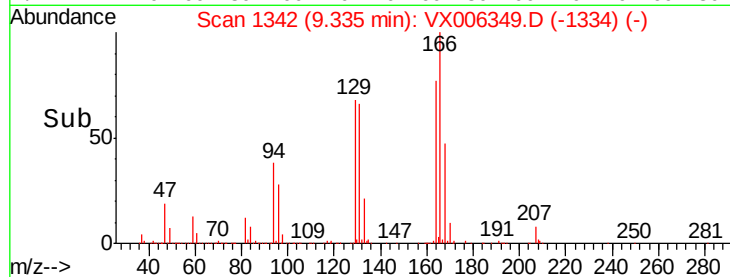
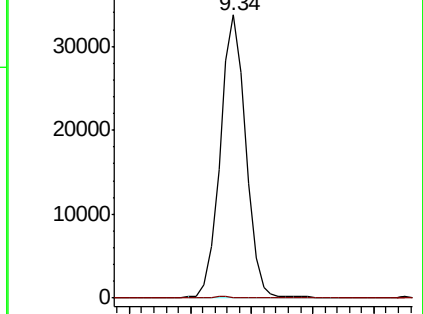
129 100

127 0.6 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

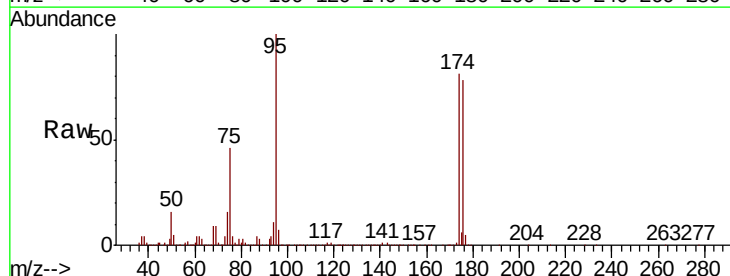
Tgt Ion: 95 Resp: 526617

Ion Ratio Lower Upper

95 100

174 88.7 0.0 187.0

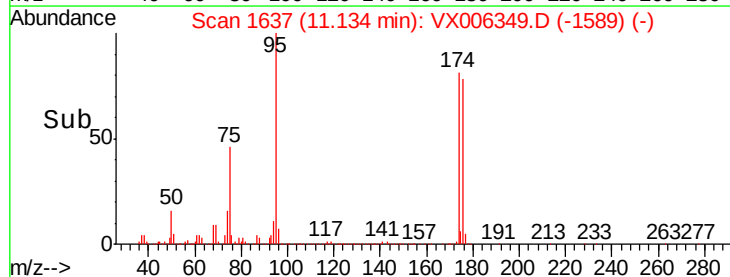
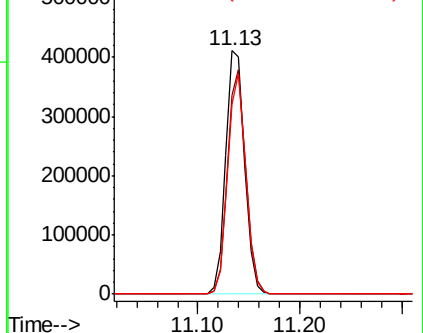
176 86.6 0.0 181.8

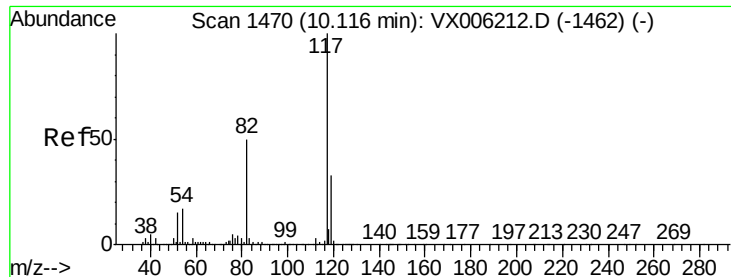


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

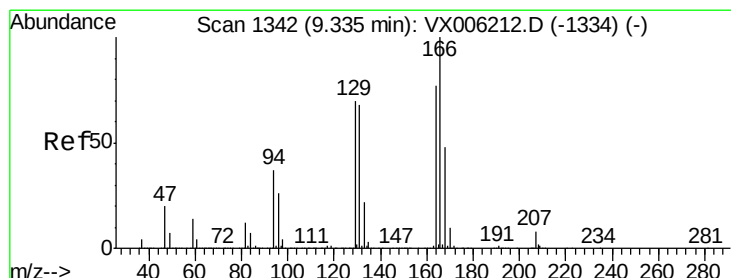
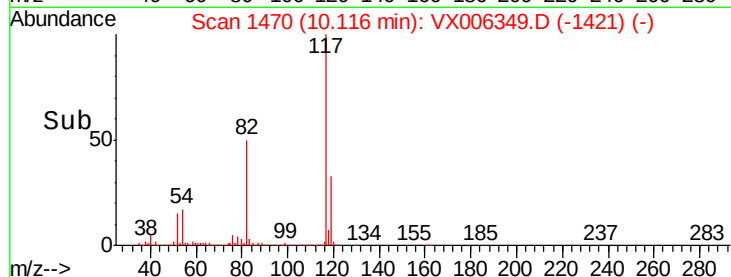
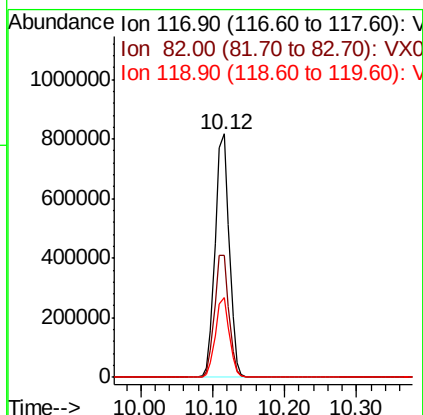
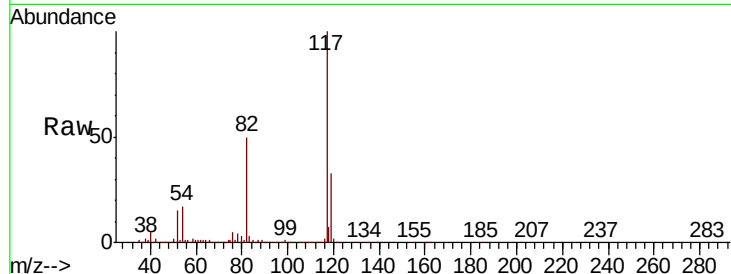




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

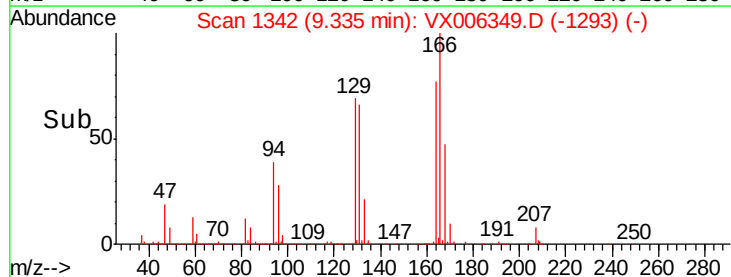
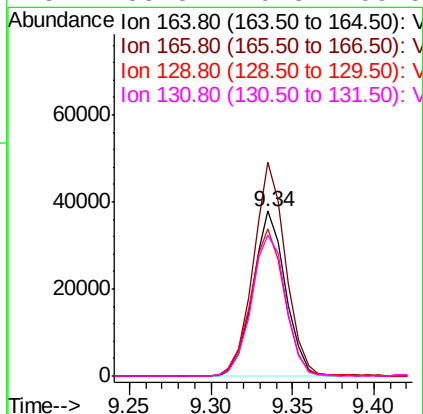
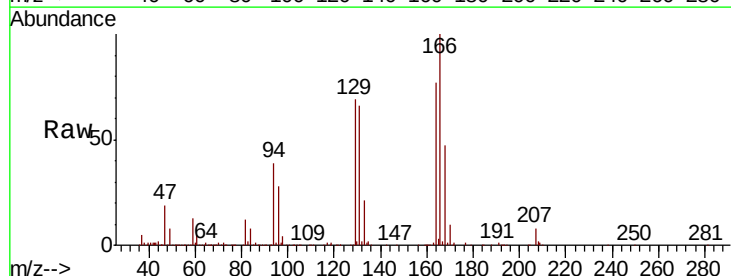
Instrument :
MSVOA_X
ClientSampleId :
CPA-AMW-4-M16W4-11-28-18-D

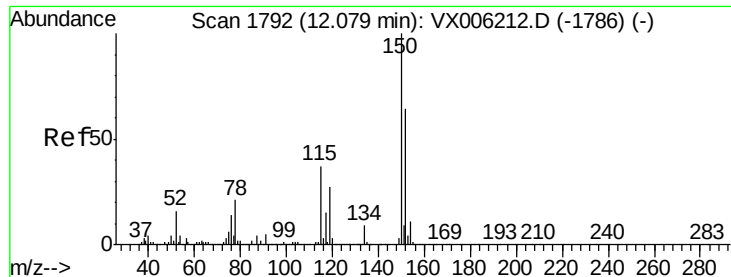
Tot Ion:117 Resp: 1103046
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 6.335 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

Tgt Ion:164 Resp: 52623
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 88.8 72.6 108.8
131 85.3 70.3 105.5

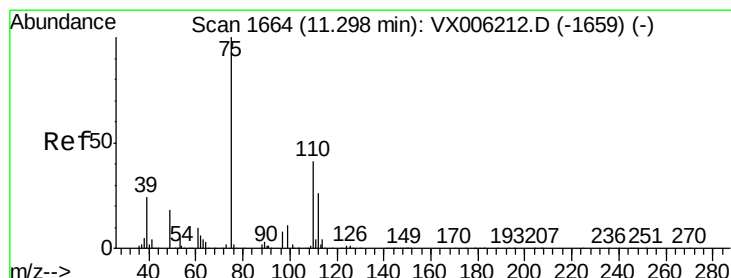
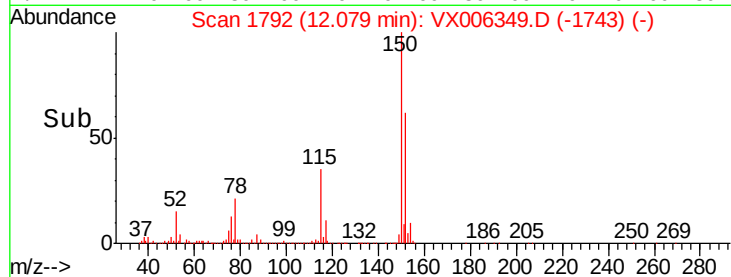
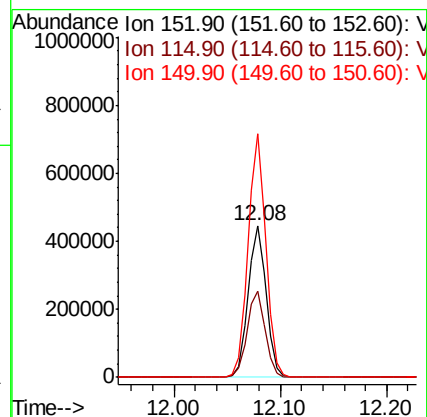
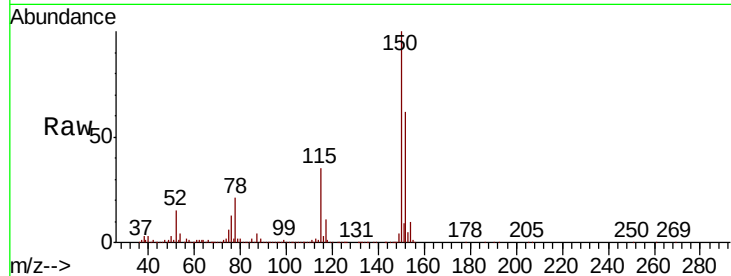




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006349.D
 Acq: 07 Dec 2018 16:05

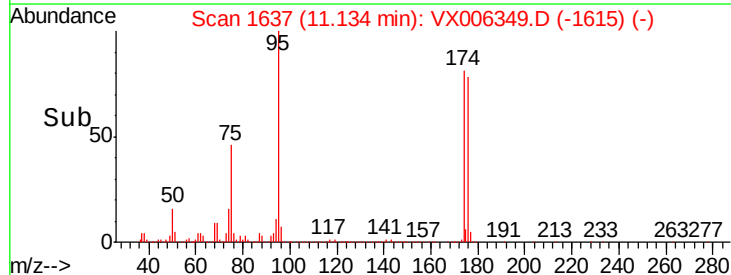
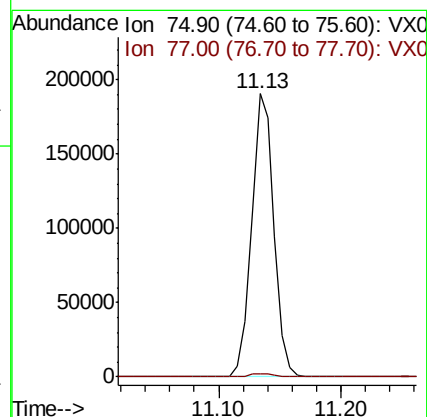
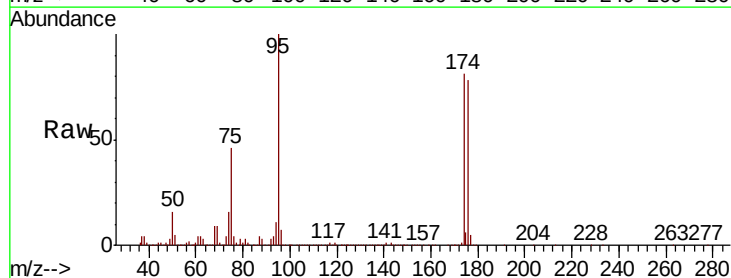
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-AMW-4-M16W4-11-28-18-D

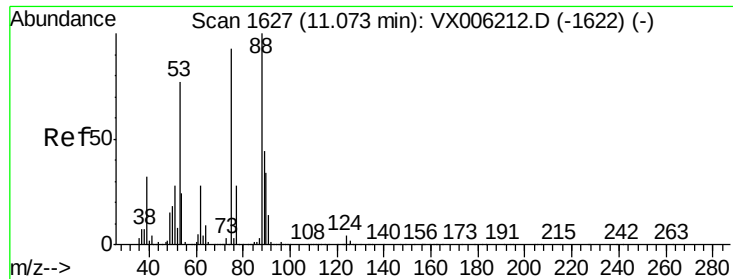
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	158.6	0.0	345.8



#76
 1,2,3-Trichloropropane
 Concen: 23.354 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006349.D
 Acq: 07 Dec 2018 16:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.9	59.7

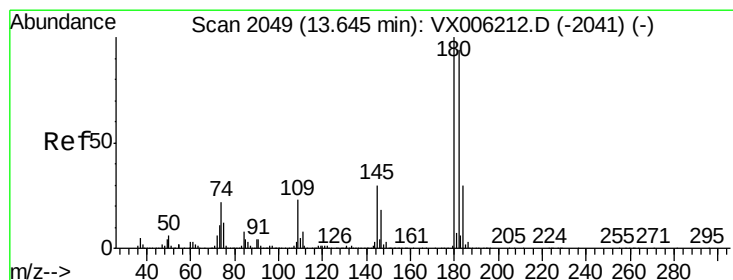
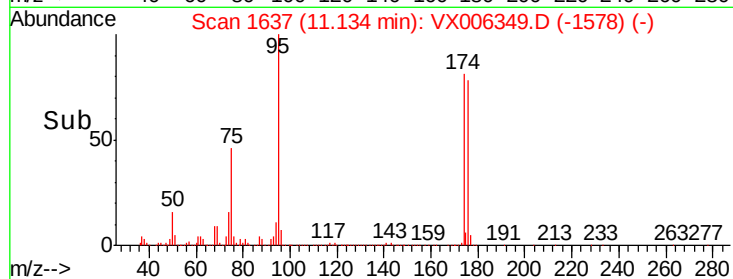
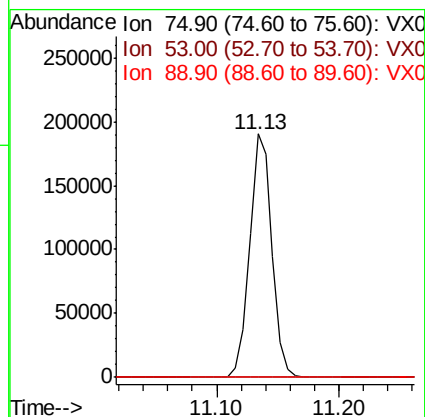
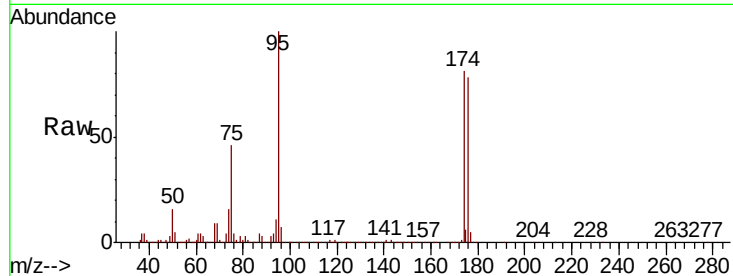




#81
trans-1,4-Dichloro-2-butene
Concen: 54.805 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

Instrument :
MSVOA_X
ClientSampleId :
CPA-AMW-4-M16W4-11-28-18-D

Tot Ion: 75 Resp: 239313
Ion Ratio Lower Upper
75 100
53 0.1 64.4 96.6#
89 0.0 44.2 66.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.466 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

Tgt Ion: 180 Resp: 6113
Ion Ratio Lower Upper
180 100
182 103.7 47.3 141.9
145 36.7 14.6 43.8

