

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006347.D
 Acq On : 07 Dec 2018 15:11
 Operator : JC/MD
 Sample : J6252-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW11D-M16W4-11-28-18

Quant Time: Dec 08 00:11:22 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	814072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1247781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1130527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	547198	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	406692	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	5.51	113	388263	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	1449827	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	540907	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

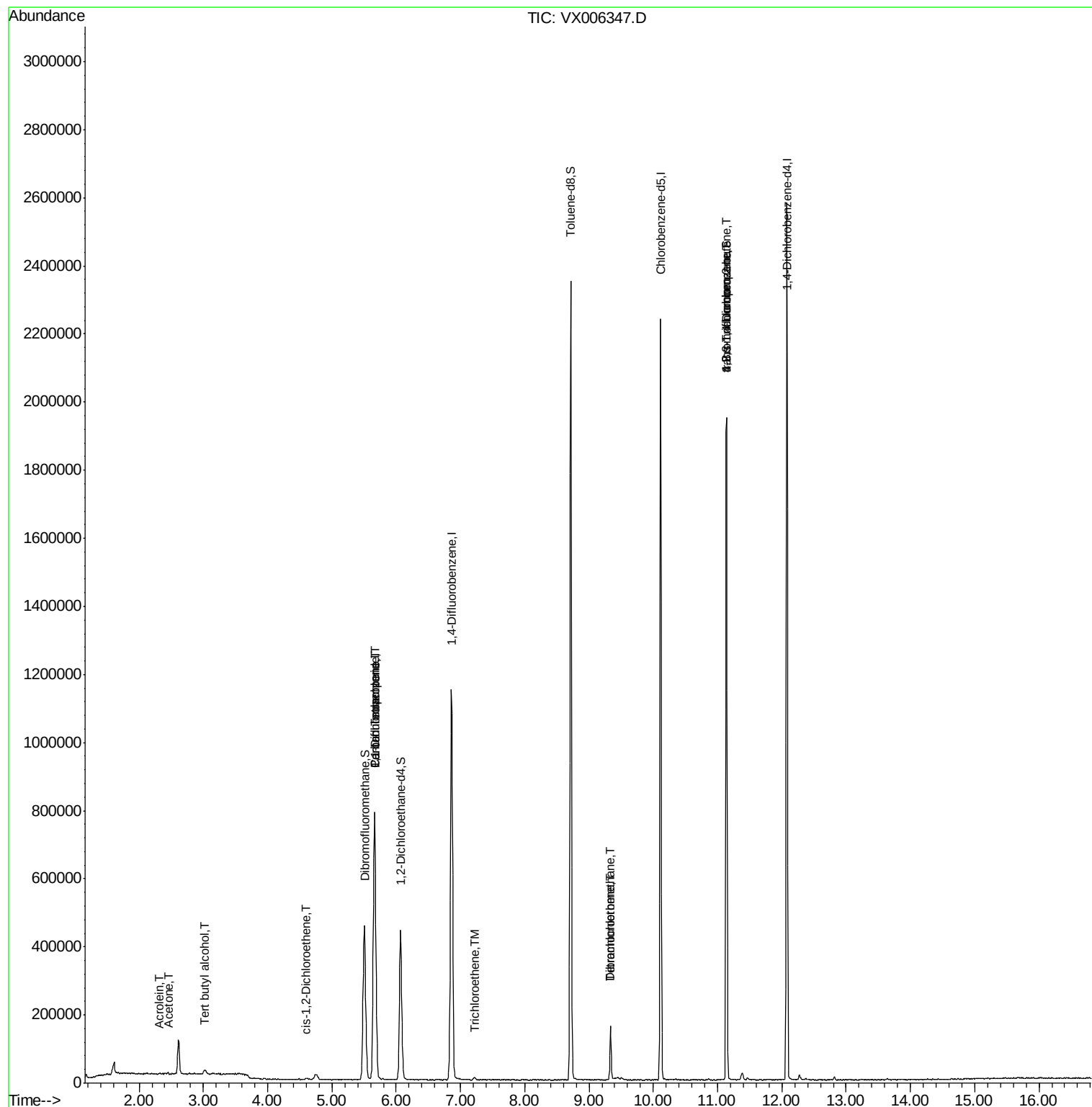
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	8505	3.742	ug/l #	83
13) Acrolein	2.31	56	352	0.283	ug/l #	36
16) Acetone	2.45	43	6756	1.732	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	2331	0.266	ug/l	75
36) 1,1-Dichloropropene	5.66	75	49868	4.746	ug/l #	48
38) Carbon Tetrachloride	5.67	117	73565	5.951	ug/l #	16
44) Trichloroethene	7.21	130	3639	0.382	ug/l	100
60) Dibromochloromethane	9.34	129	26854	2.589	ug/l #	11
64) Tetrachloroethene	9.34	164	29787	3.499	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	244643	23.163	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	244643	54.357	ug/l #	15

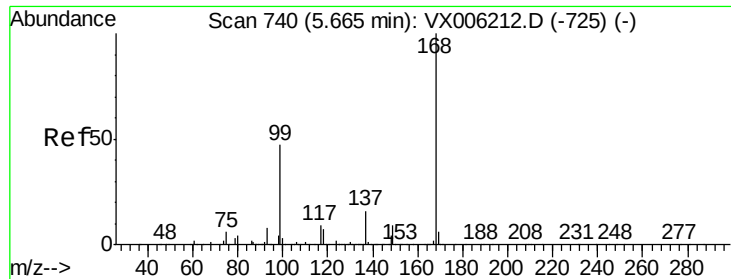
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX006347.D

Acq: 07 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

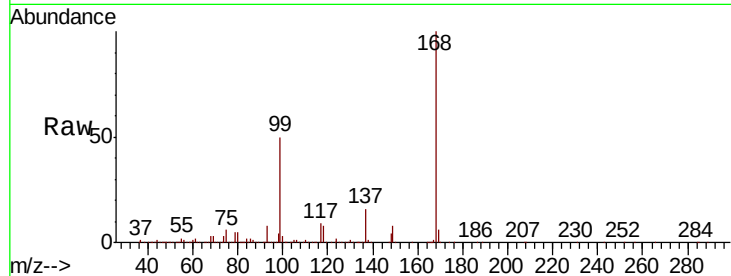
CPA-CPMW11D-M16W4-11-28-18

Tot Ion:168 Resp: 814072

Ion Ratio Lower Upper

168 100

99 50.3 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

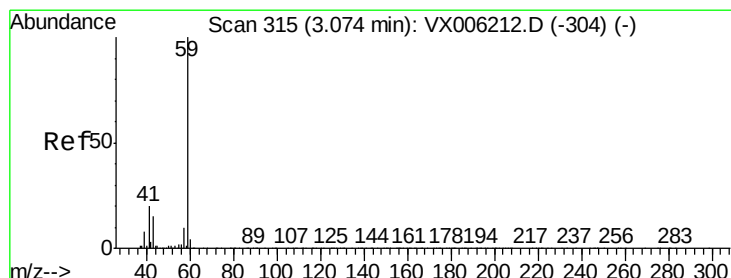
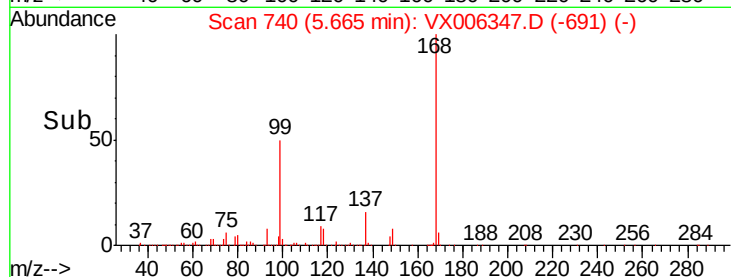
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.742 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX006347.D

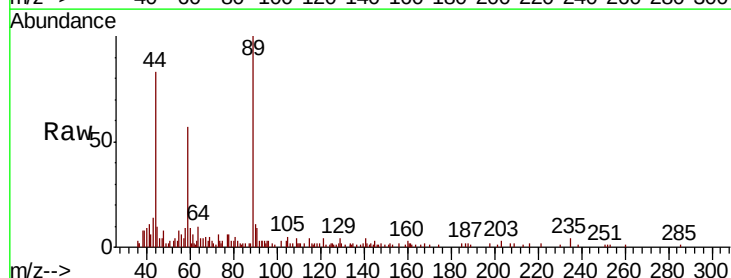
Acq: 07 Dec 2018 15:11

Tgt Ion: 59 Resp: 8505

Ion Ratio Lower Upper

59 100

57 3.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

4000

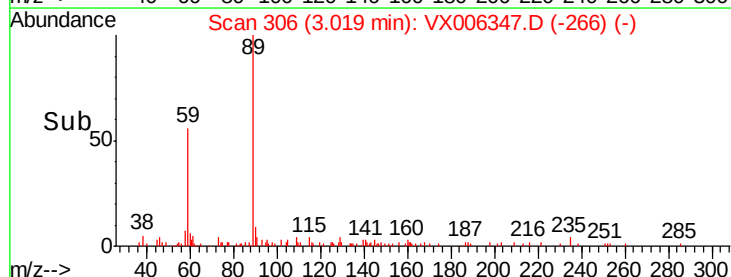
3000

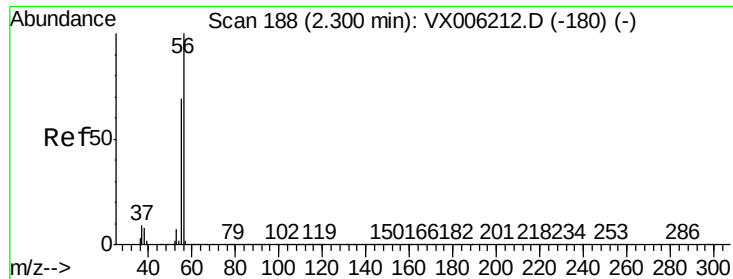
2000

1000

0

Time-->





#13

Acrolein

Concen: 0.283 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

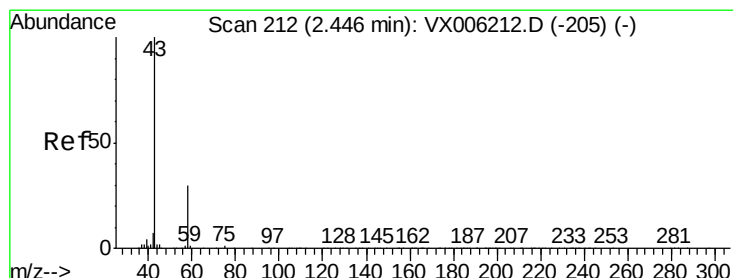
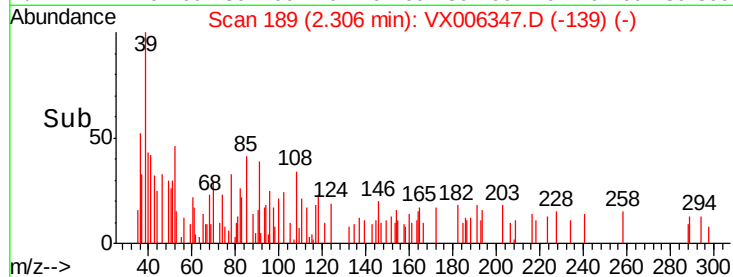
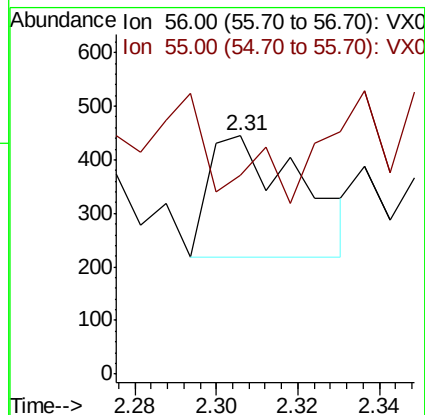
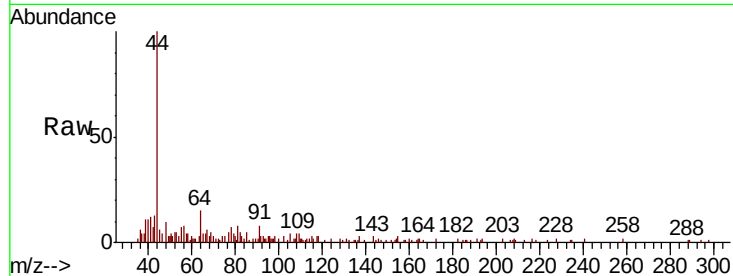
CPA-CPMW11D-M16W4-11-28-18

Tot Ion: 56 Resp: 352

Ion Ratio Lower Upper

56 100

55 125.9 57.8 86.6#



#16

Acetone

Concen: 1.732 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006347.D

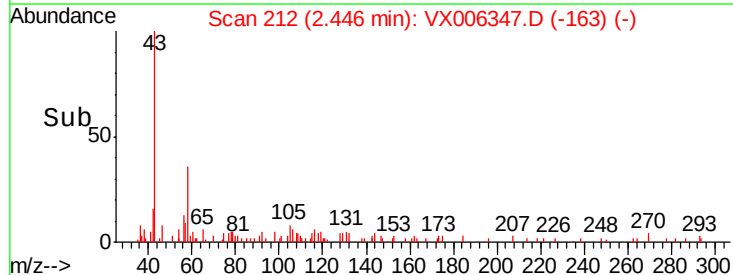
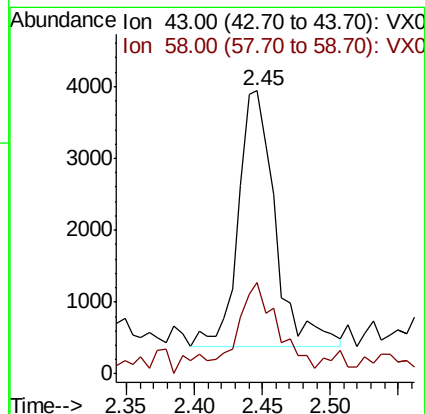
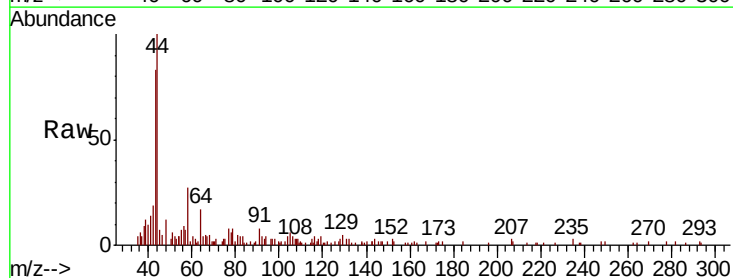
Acq: 07 Dec 2018 15:11

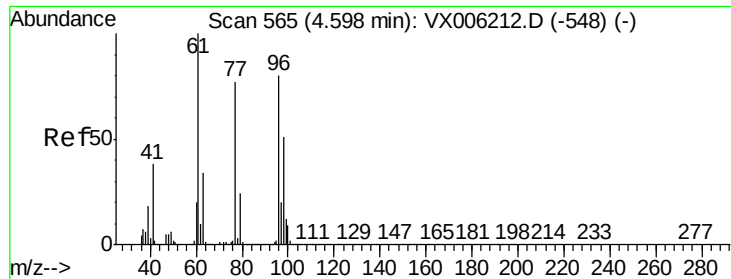
Tgt Ion: 43 Resp: 6756

Ion Ratio Lower Upper

43 100

58 30.6 24.0 36.0



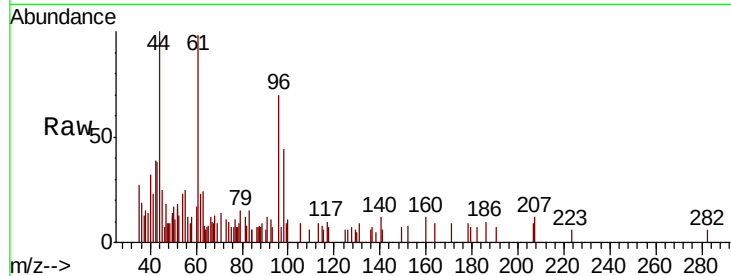


#27

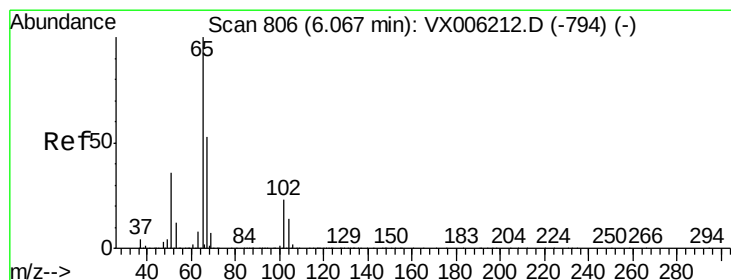
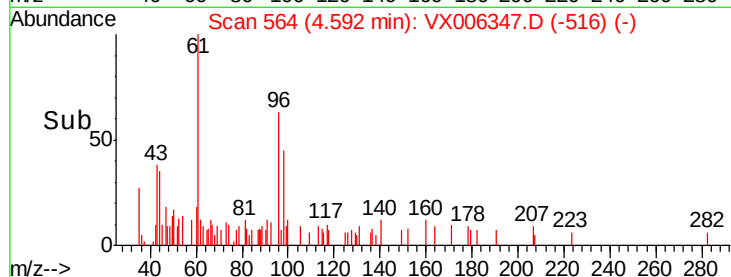
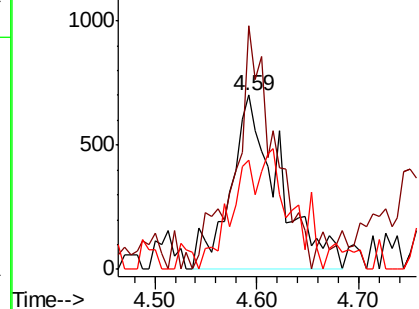
cis-1,2-Dichloroethene
 Concen: 0.266 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006347.D
 Acq: 07 Dec 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW11D-M16W4-11-28-18

Tot Ion	Ratio	Lower	Upper
96	100		
61	111.5	0.0	265.0
98	32.9	0.0	130.2



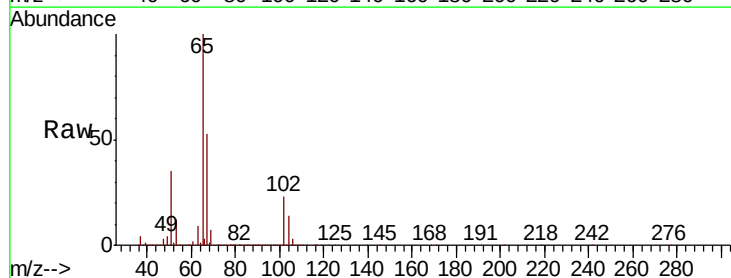
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



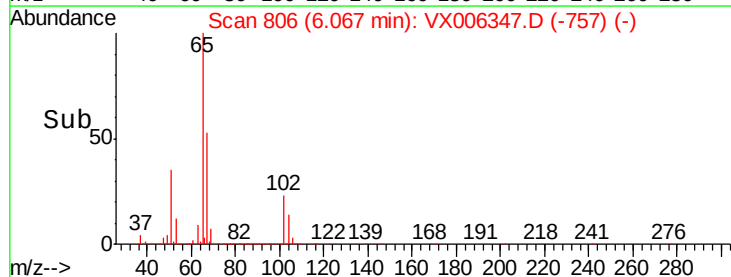
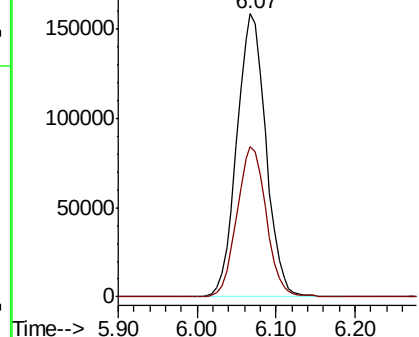
#33

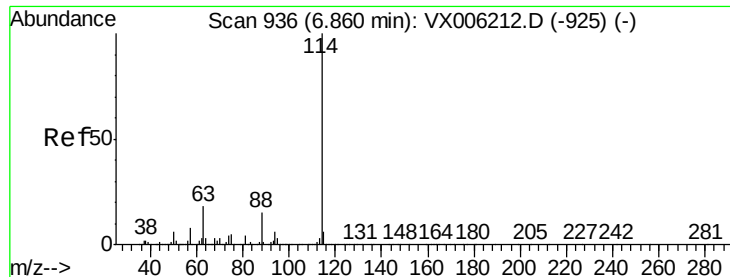
1,2-Dichloroethane-d4
 Concen: 48.938 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006347.D
 Acq: 07 Dec 2018 15:11

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW11D-M16W4-11-28-18

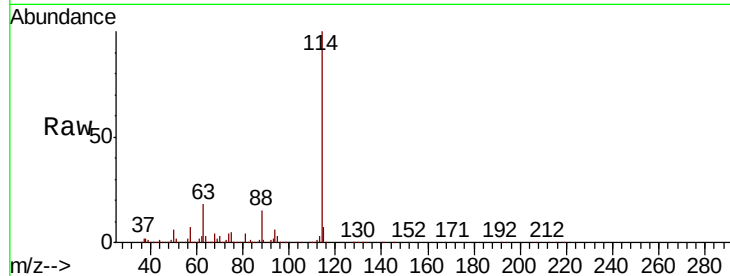
Tot Ion:114 Resp: 1247781

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

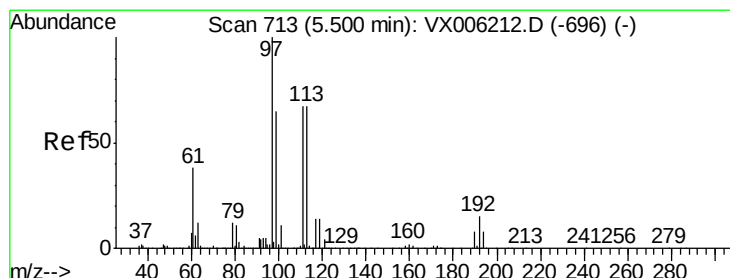
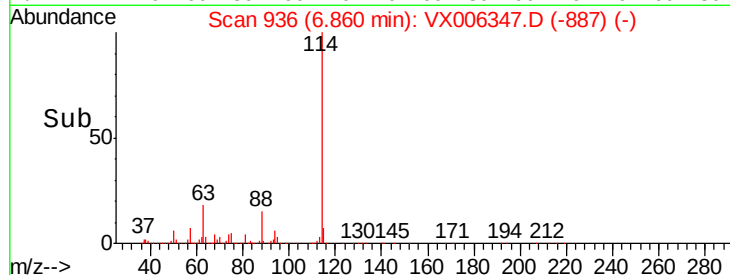
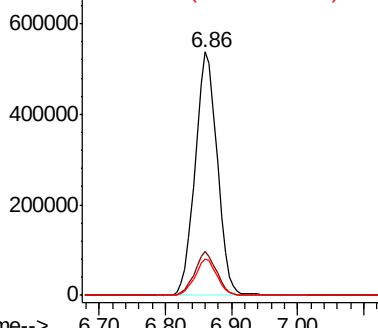
88 14.8 0.0 29.0



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: 48.059 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

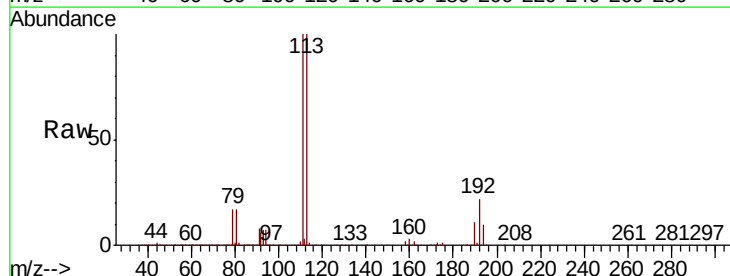
Tgt Ion:113 Resp: 388263

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

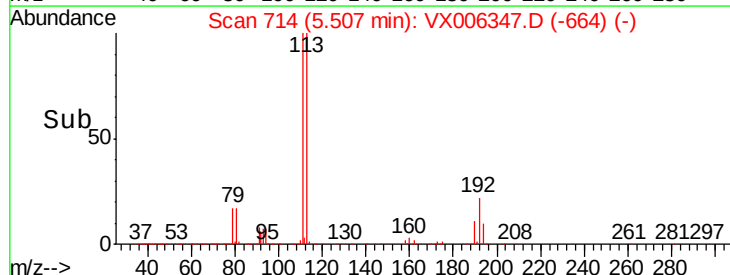
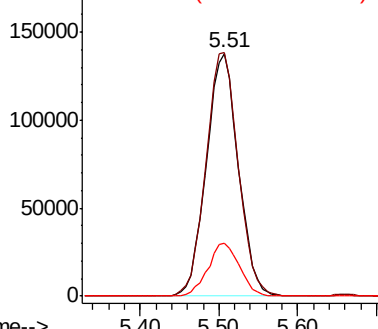
192 21.6 18.2 27.2

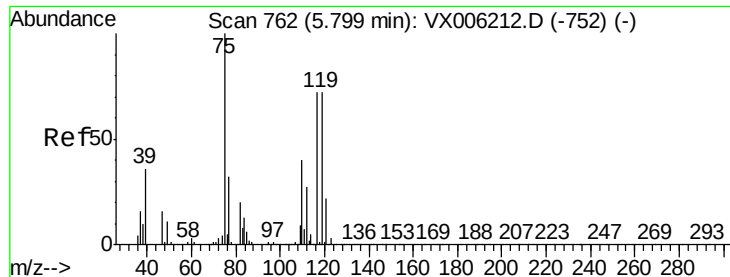


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.746 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

Instrument :

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ClientSampleId :

CPA-CPMW11D-M16W4-11-28-18

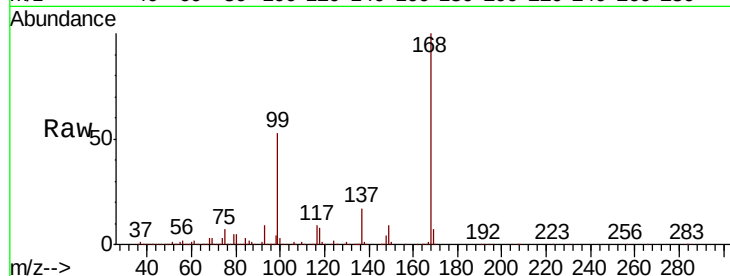
Tot Ion: 75 Resp: 49868

Ion Ratio Lower Upper

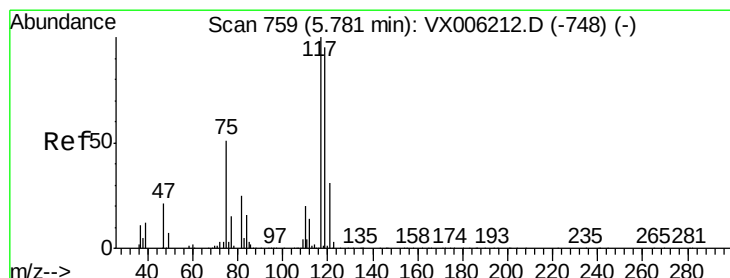
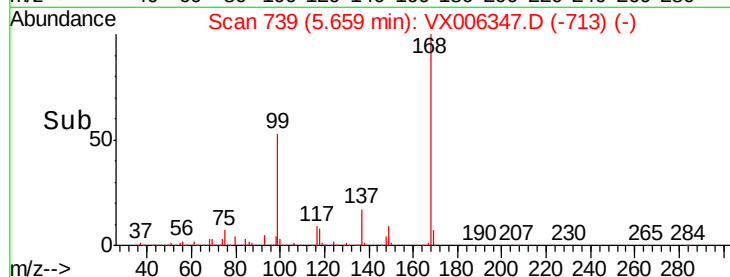
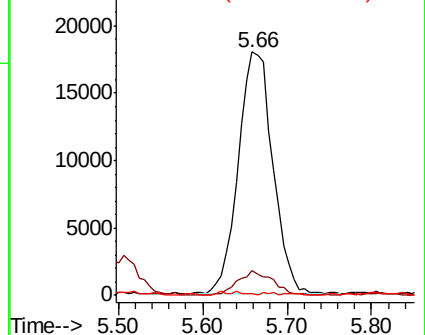
75 100

110 10.2 20.4 61.3#

77 0.6 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.951 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

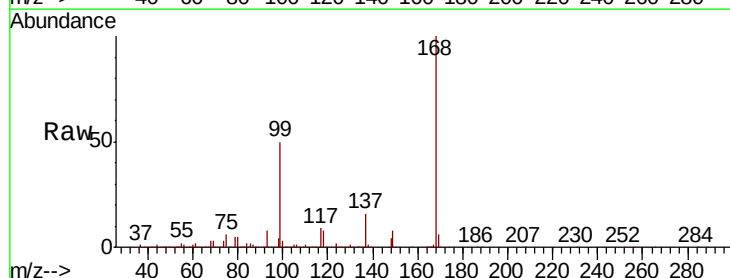
Tgt Ion: 117 Resp: 73565

Ion Ratio Lower Upper

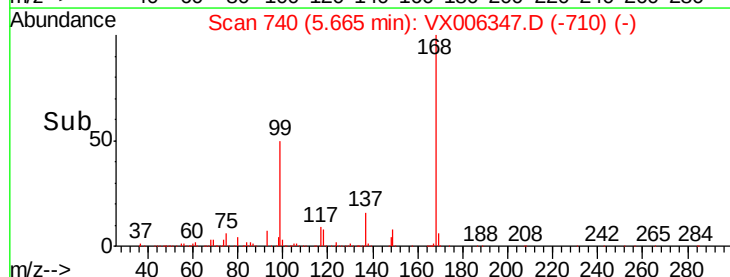
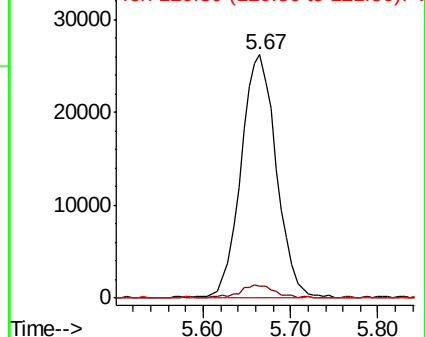
117 100

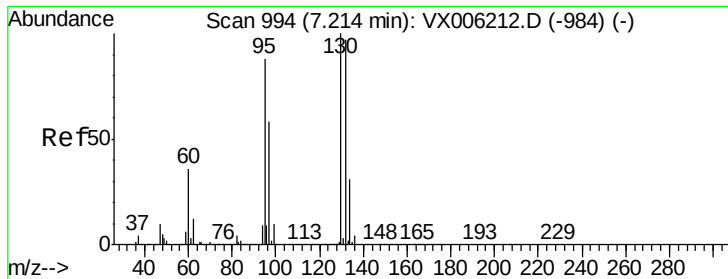
119 4.7 75.8 113.8#

121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.382 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

Instrument :

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ClientSampleId :

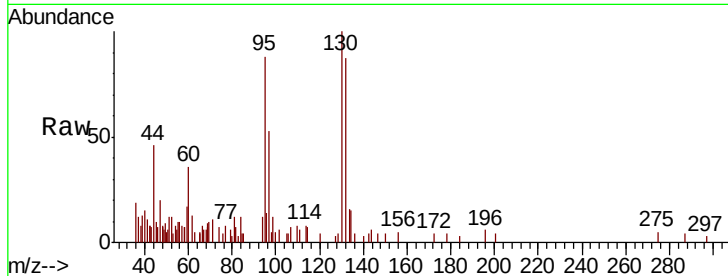
CPA-CPMW11D-M16W4-11-28-18

Tot Ion:130 Resp: 3639

Ion Ratio Lower Upper

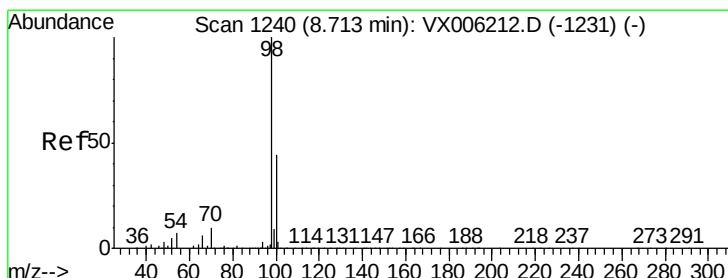
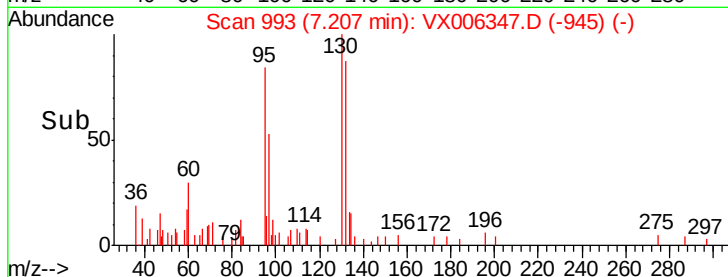
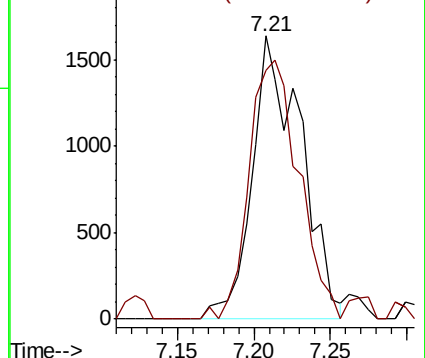
130 100

95 88.0 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: 49.337 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006347.D

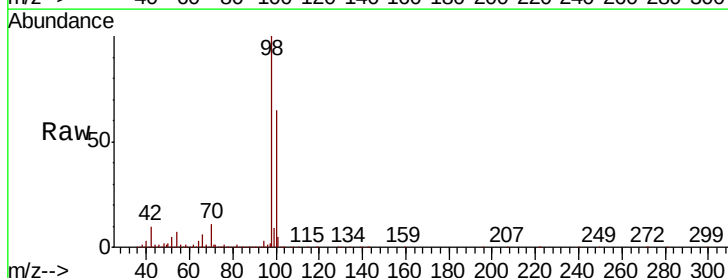
Acq: 07 Dec 2018 15:11

Tgt Ion: 98 Resp: 1449827

Ion Ratio Lower Upper

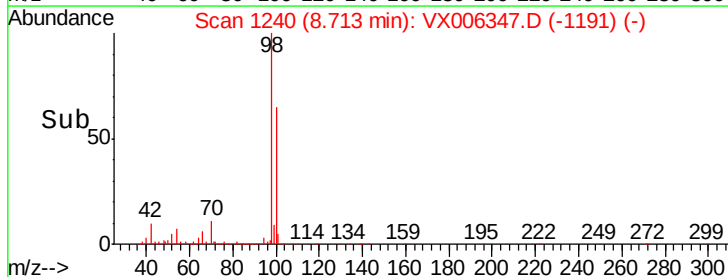
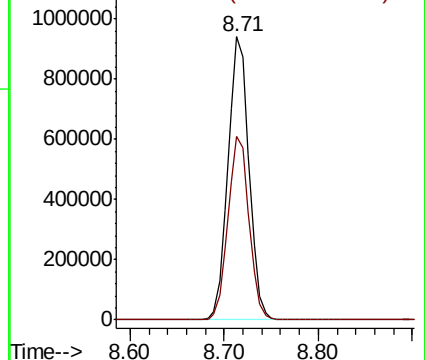
98 100

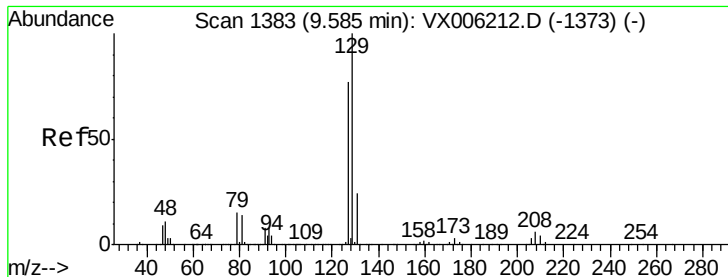
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 2.589 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

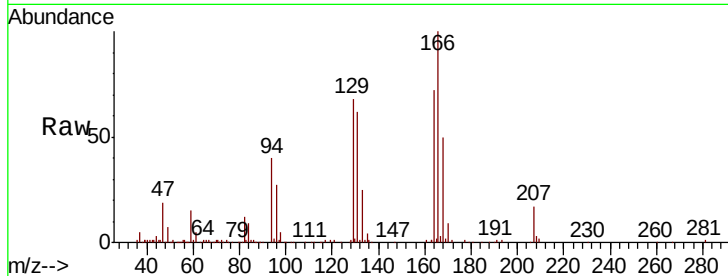
CPA-CPMW11D-M16W4-11-28-18

Tot Ion:129 Resp: 26854

Ion Ratio Lower Upper

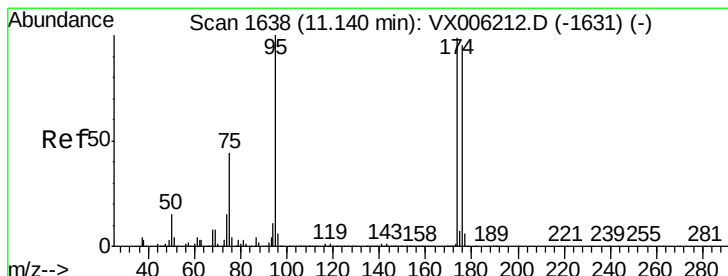
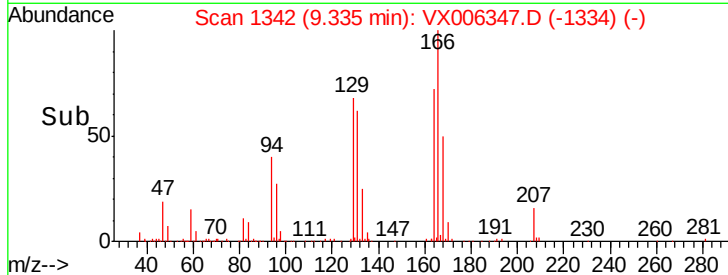
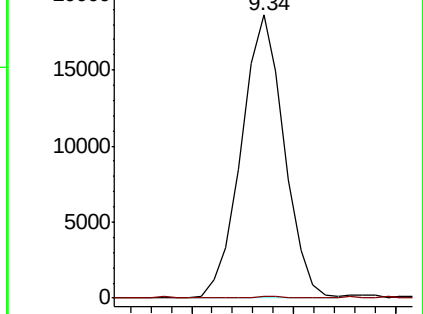
129 100

127 0.2 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: 48.846 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006347.D

Acq: 07 Dec 2018 15:11

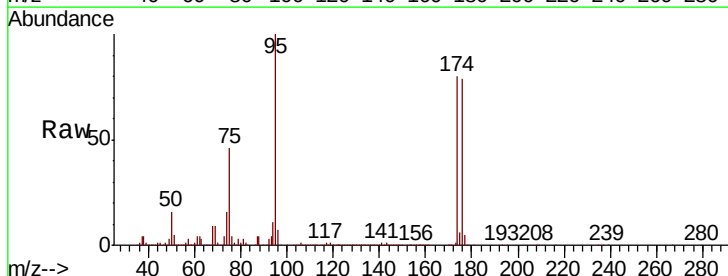
Tgt Ion: 95 Resp: 540907

Ion Ratio Lower Upper

95 100

174 87.8 0.0 187.0

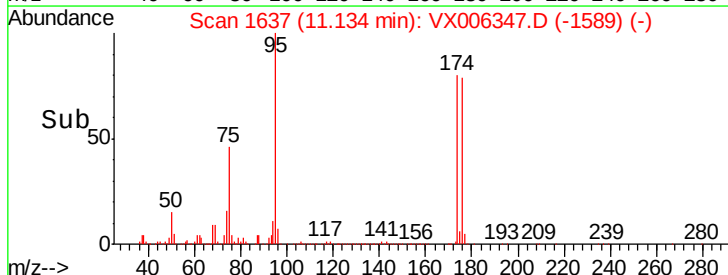
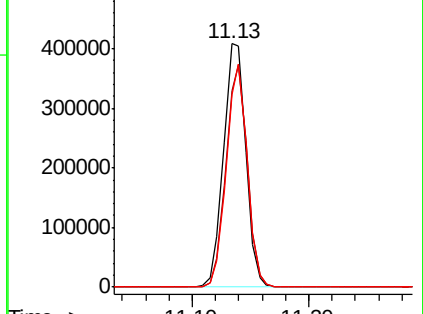
176 85.9 0.0 181.8

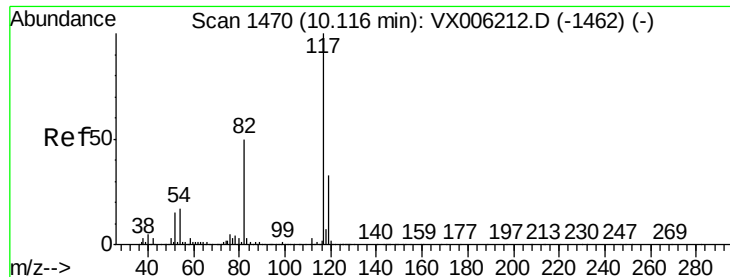


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

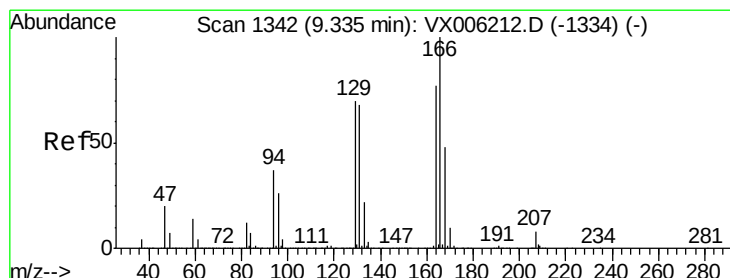
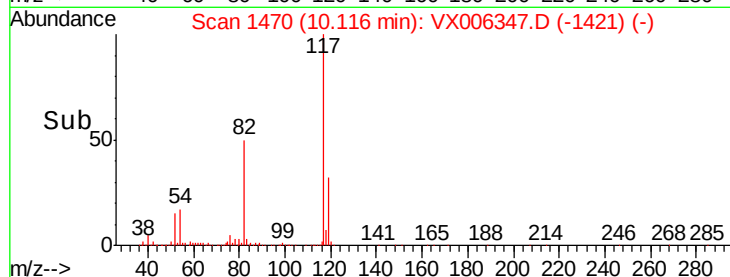
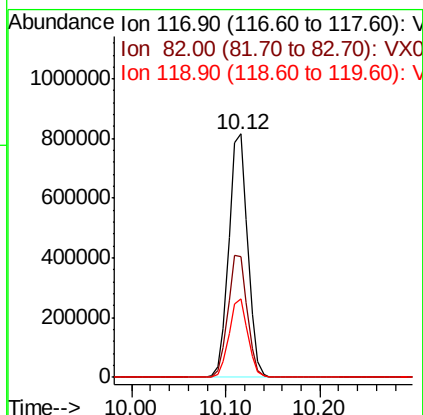
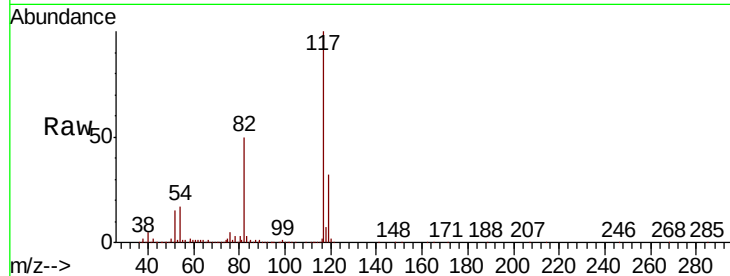




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006347.D
Acq: 07 Dec 2018 15:11

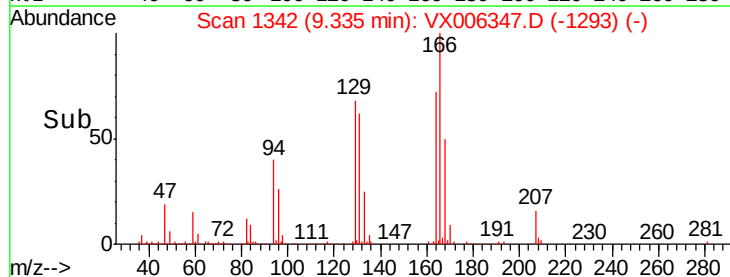
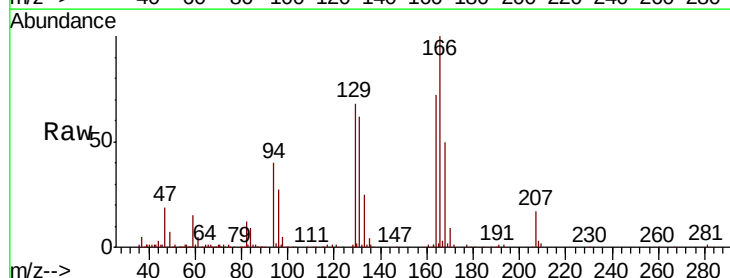
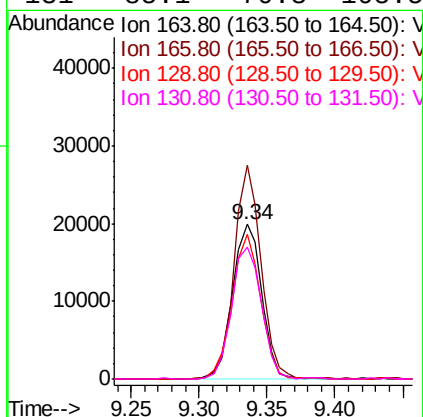
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW11D-M16W4-11-28-18

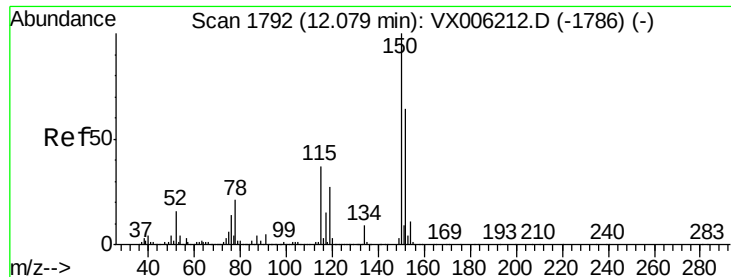
Tot Ion:117 Resp: 1130527
Ion Ratio Lower Upper
117 100
82 49.6 39.6 59.4
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 3.499 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006347.D
Acq: 07 Dec 2018 15:11

Tgt Ion:164 Resp: 29787
Ion Ratio Lower Upper
164 100
166 138.1 104.2 156.2
129 93.5 72.6 108.8
131 85.1 70.3 105.5

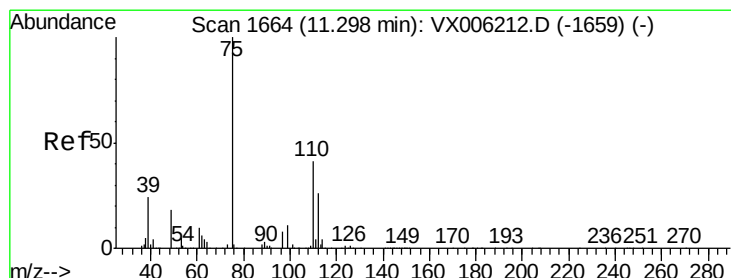
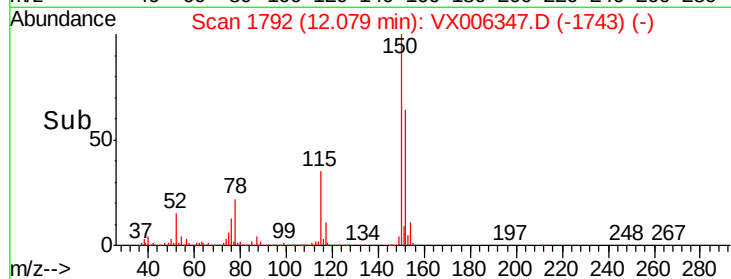
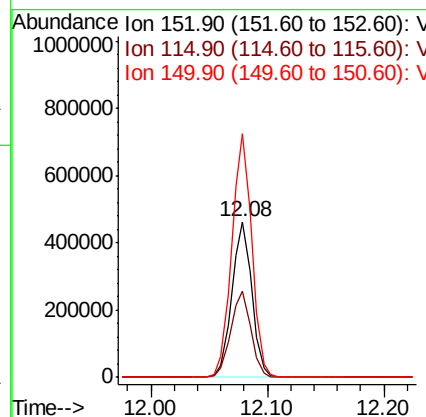
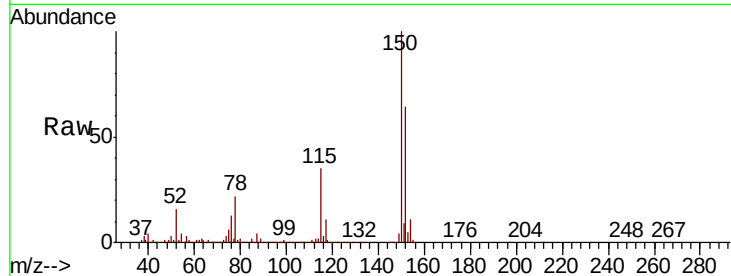




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006347.D
 Acq: 07 Dec 2018 15:11

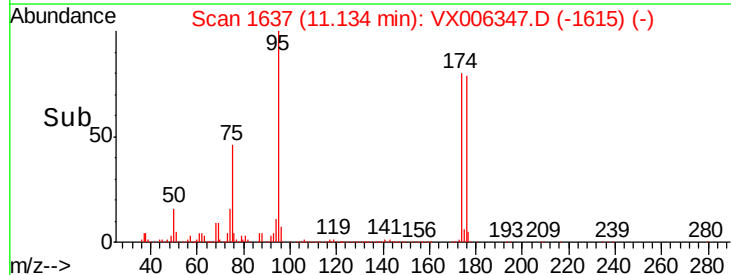
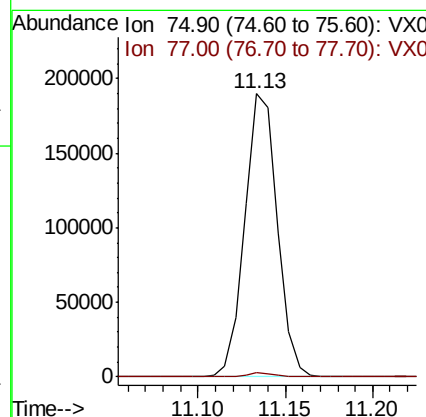
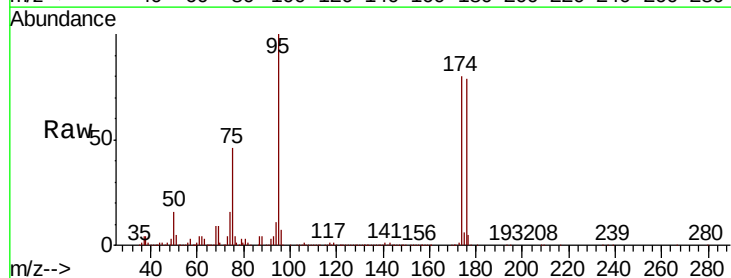
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW11D-M16W4-11-28-18

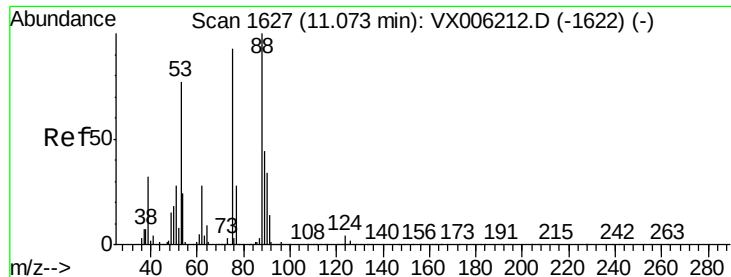
Tot Ion:152 Resp: 547198
 Ion Ratio Lower Upper
 152 100
 115 56.2 39.0 116.9
 150 157.1 0.0 345.8



#76
 1,2,3-Trichloropropane
 Concen: 23.163 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006347.D
 Acq: 07 Dec 2018 15:11

Tgt Ion: 75 Resp: 244643
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.9 59.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.357 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006347.D
 Acq: 07 Dec 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW11D-M16W4-11-28-18

Tot Ion: 75 Resp: 244643
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.1 44.2 66.4#

