

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028509.D
 Acq On : 06 Dec 2018 18:31
 Operator : MD/SY
 Sample : J6252-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW02D-M16W4-11-29-18

Quant Time: Dec 07 06:16:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	101185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	187598	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	83070	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	84591	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
35) Dibromofluoromethane	4.88	113	61833	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
50) Toluene-d8	7.57	98	249585	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	10.31	95	90409	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	

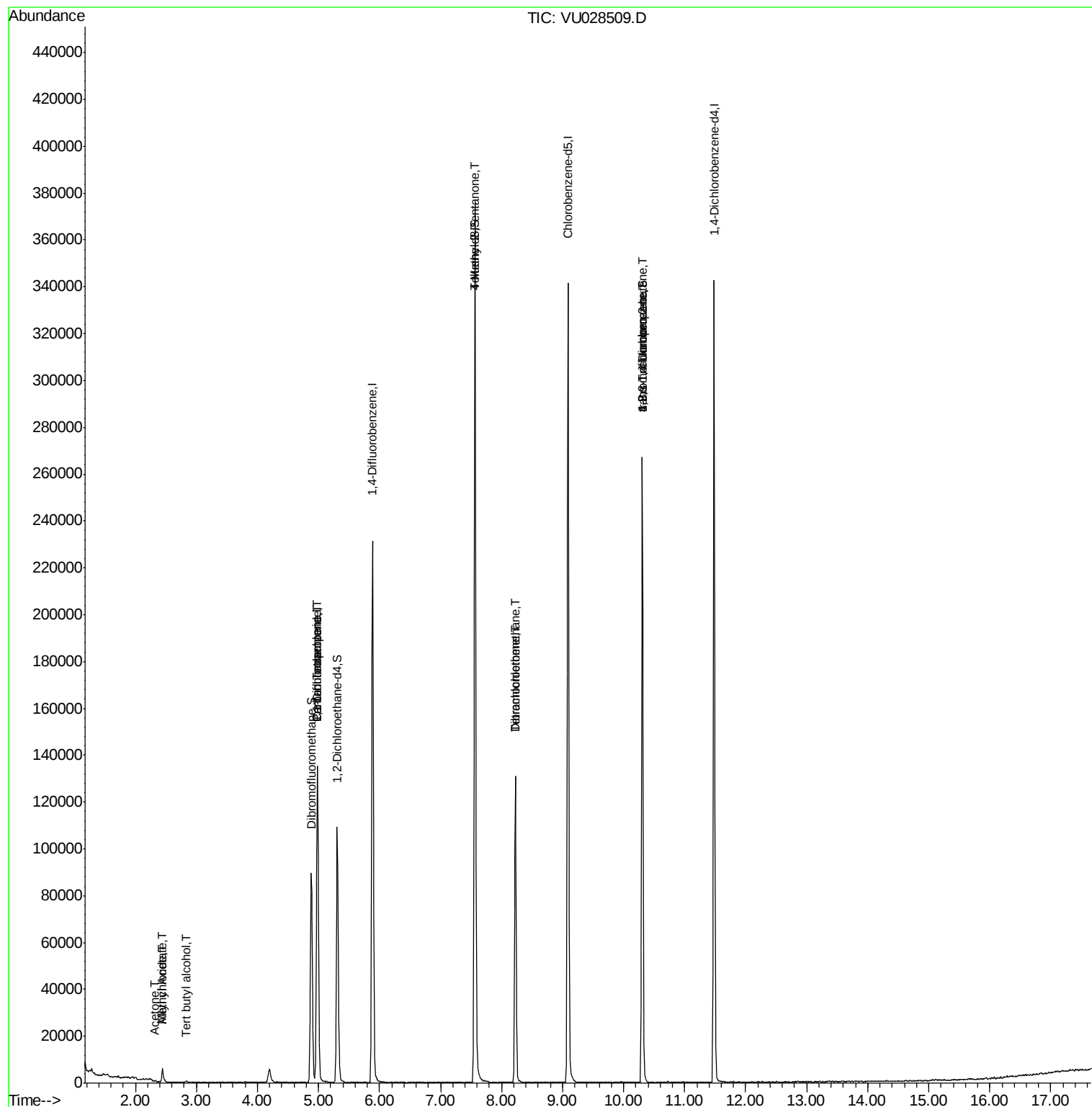
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	230	0.669	ug/l #	73
14) Allyl chloride	2.45	41	636	0.239	ug/l #	75
16) Acetone	2.32	43	536	0.532	ug/l #	44
18) Methyl Acetate	2.44	43	1437	0.550	ug/l #	56
31) Cyclohexane	4.98	56	2052	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9286	4.523	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10322	6.238	ug/l #	15
51) 4-Methyl-2-Pentanone	7.56	43	1239	0.468	ug/l #	1
60) Dibromochloromethane	8.23	129	27815	20.198	ug/l #	10
64) Tetrachloroethene	8.23	164	28401	23.994	ug/l	96
76) 1,2,3-Trichloropropane	10.30	75	47195	22.249	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.30	75	47195	54.654	ug/l #	100

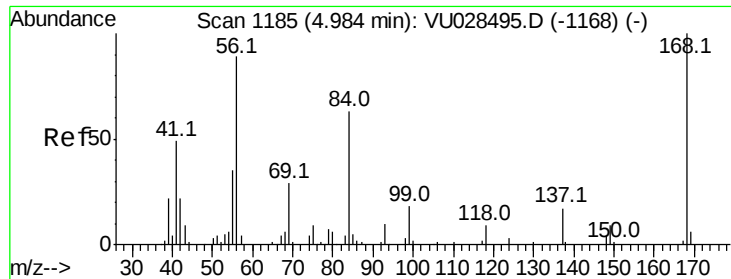
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120618\
Data File : VU028509.D
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Quant Time: Dec 07 06:16:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

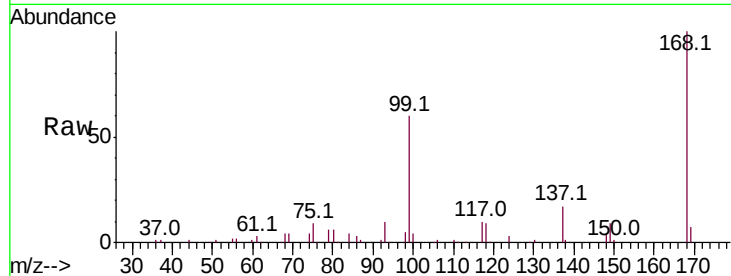
CPA-CPMW02D-M16W4-11-29-18

Tot Ion:168 Resp: 101185

Ion Ratio Lower Upper

168 100

99 59.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

50000

40000

30000

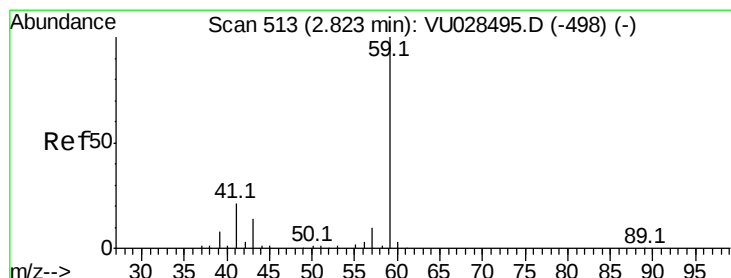
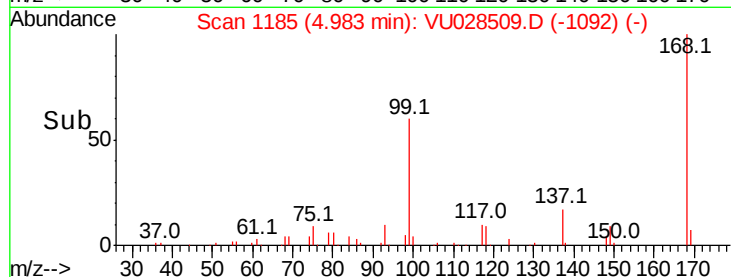
20000

10000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.669 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU028509.D

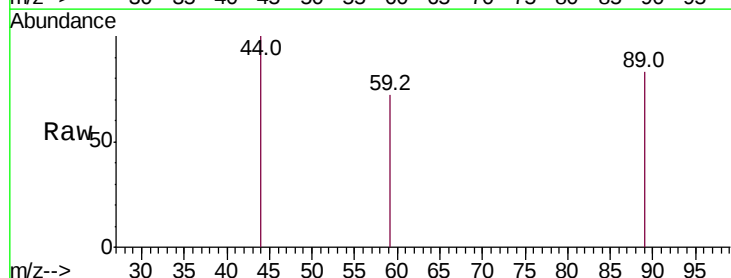
Acq: 06 Dec 2018 18:31

Tgt Ion: 59 Resp: 230

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU028495.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028495.D (-498) (-)

2.83

250

200

150

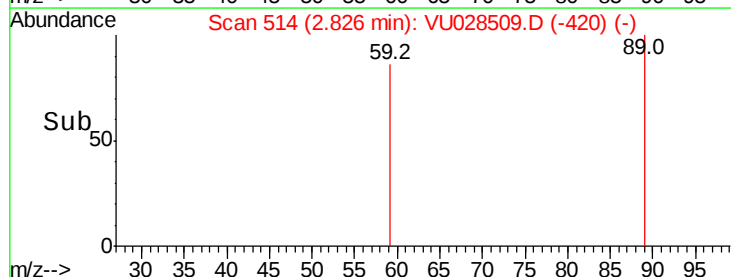
100

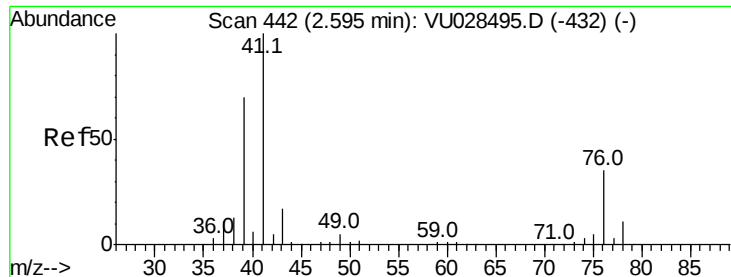
50

0

2.80 2.81 2.82 2.83 2.84

Time-->





#14

Allvl chloride

Concen: 0.239 ug/l

RT: 2.45 min Scan# 397

Delta R.T. -0.14 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW02D-M16W4-11-29-18

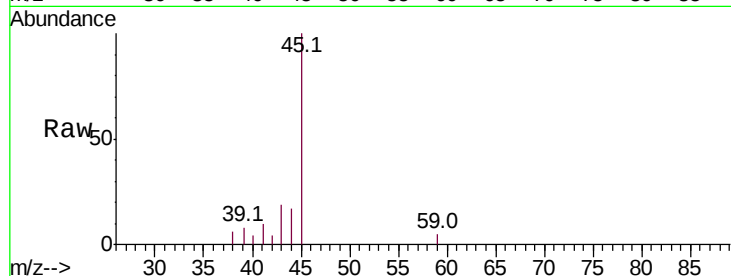
Tot Ion: 41 Resp: 636

Ion Ratio Lower Upper

41 100

39 56.4 50.8 76.2

76 0.0 24.8 37.2#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

2.45

300

200

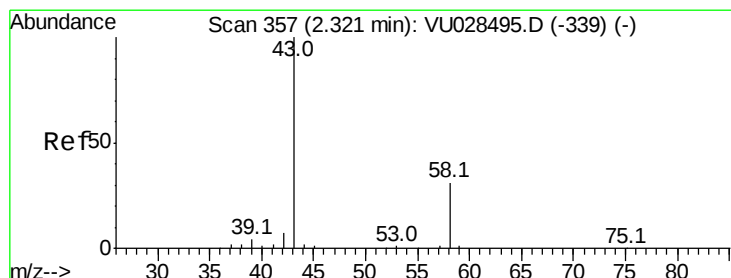
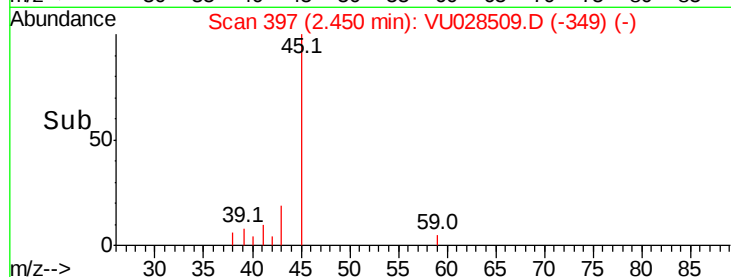
100

0

Time-->

2.40

2.45



#16

Acetone

Concen: 0.532 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028509.D

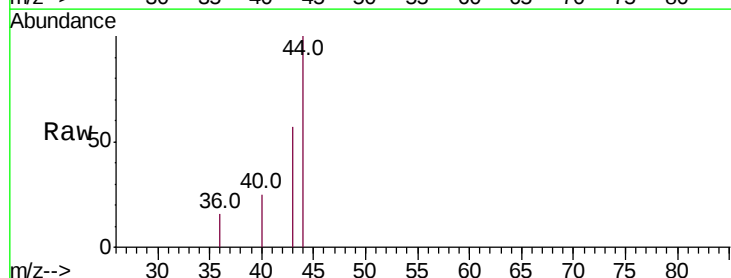
Acq: 06 Dec 2018 18:31

Tgt Ion: 43 Resp: 536

Ion Ratio Lower Upper

43 100

58 0.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

400

300

200

100

0

Time-->

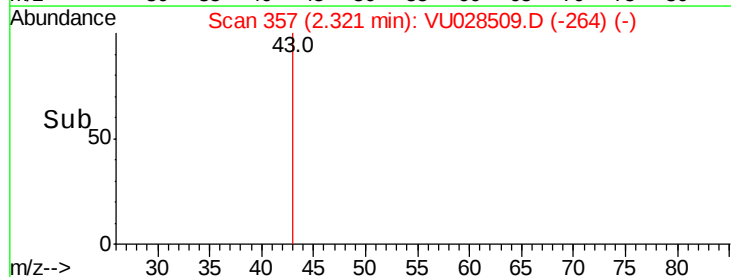
2.28

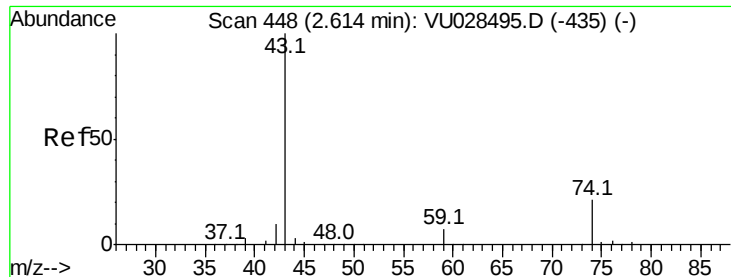
2.30

2.32

2.34

2.36

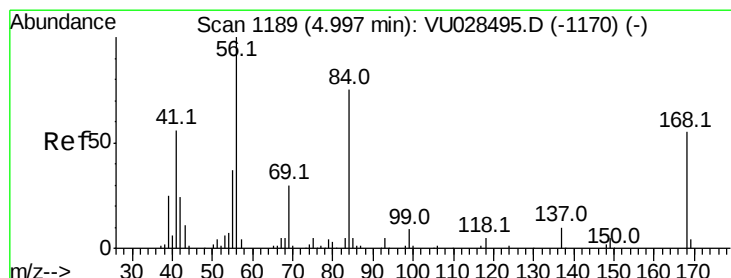
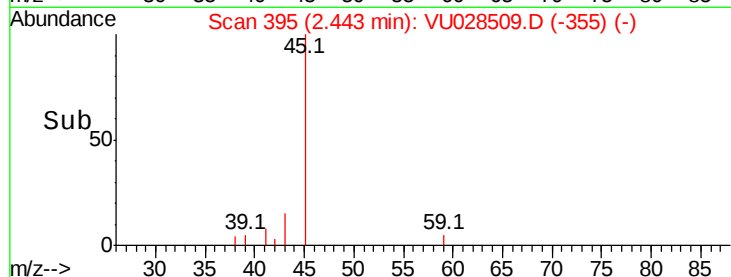
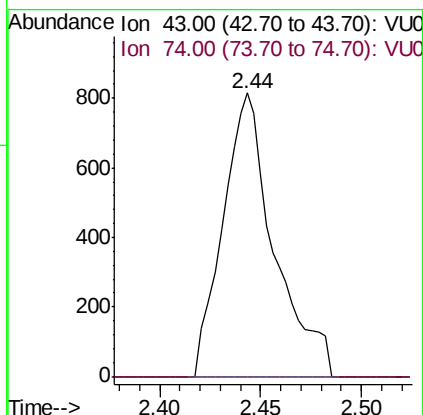
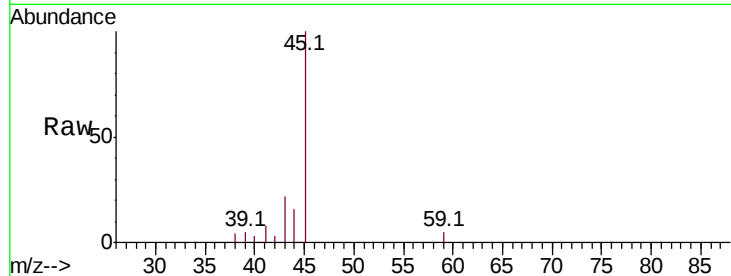




#18
Methvl Acetate
Concen: 0.550 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU028509.D
Acq: 06 Dec 2018 18:31

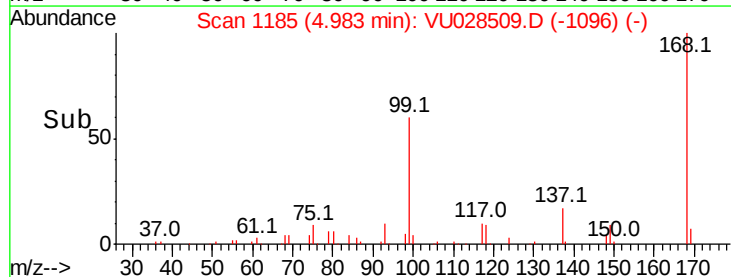
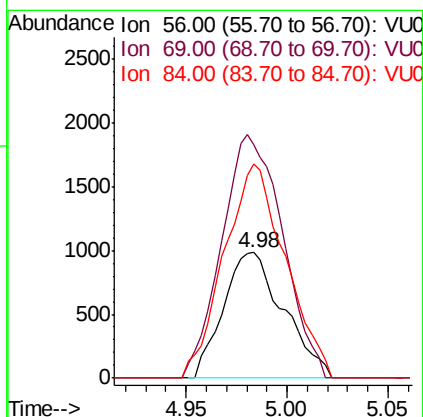
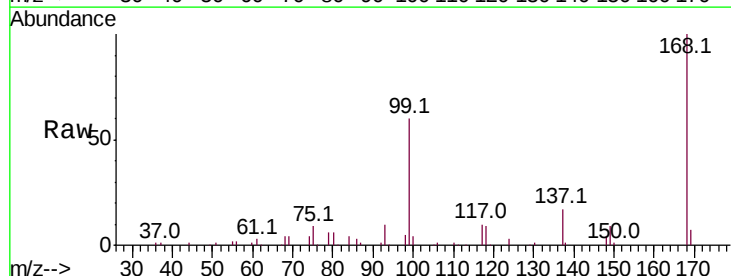
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW02D-M16W4-11-29-18

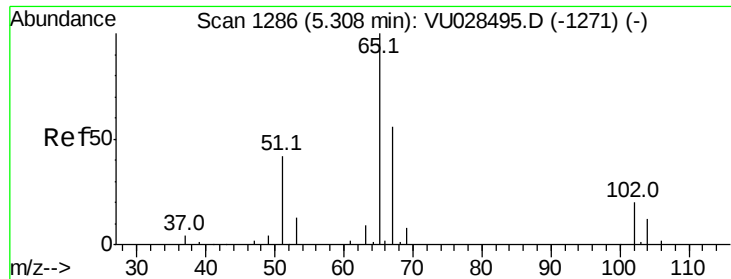
Tot Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028509.D
Acq: 06 Dec 2018 18:31

Tgt Ion: 56 Resp: 2052
Ion Ratio Lower Upper
56 100
69 186.0 24.0 36.0#
84 170.0 59.7 89.5#

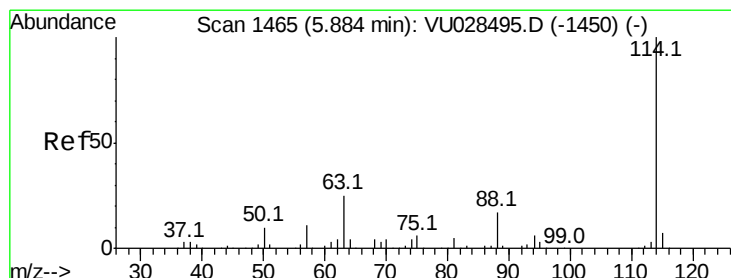
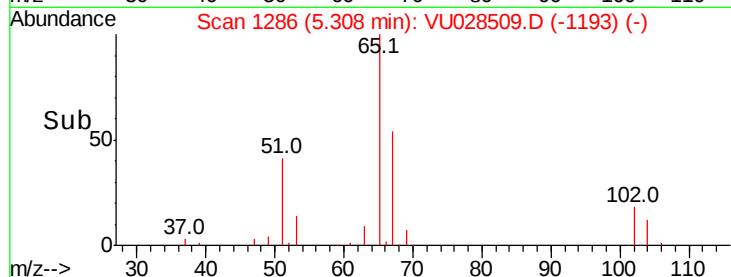
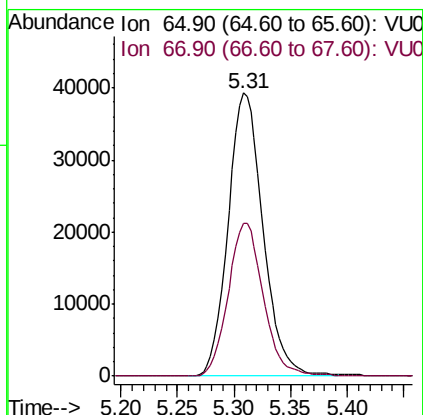
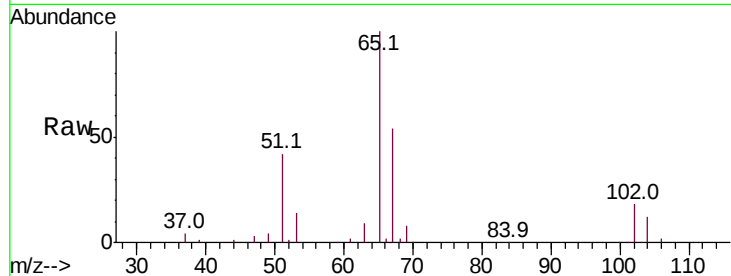




#33
 1,2-Dichloroethane-d4
 Concen: 54.782 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028509.D
 Acq: 06 Dec 2018 18:31

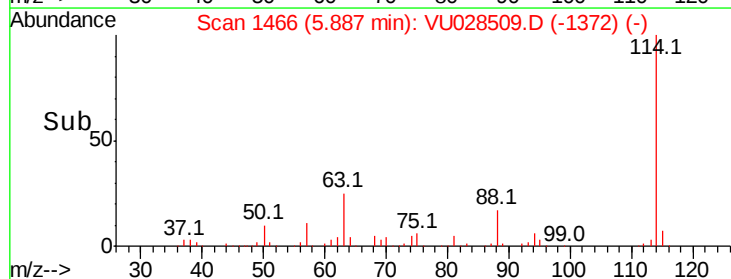
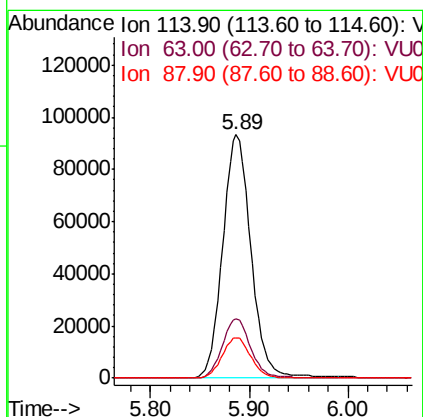
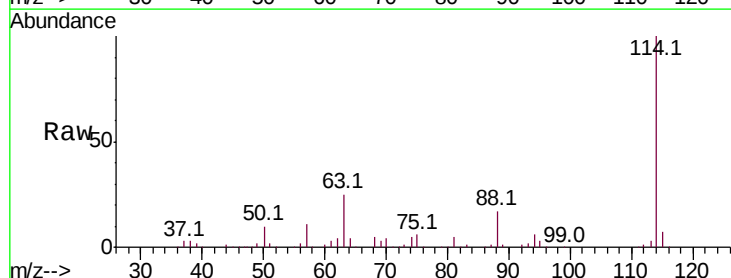
Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW02D-M16W4-11-29-18

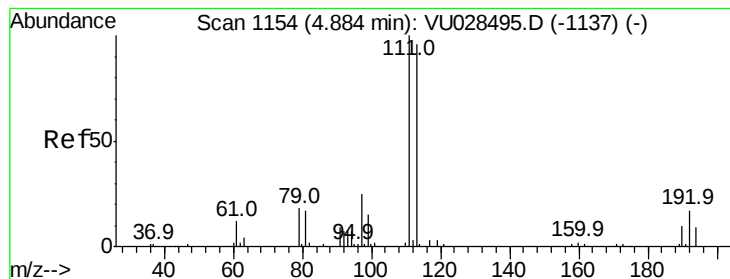
Tot Ion: 65 Resp: 84591
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028509.D
 Acq: 06 Dec 2018 18:31

Tgt Ion: 114 Resp: 187598
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.376 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW02D-M16W4-11-29-18

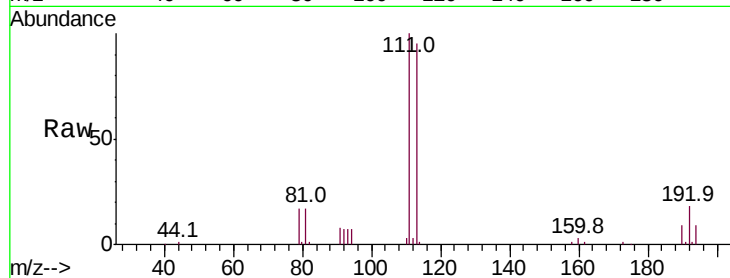
Tot Ion:113 Resp: 61833

Ion Ratio Lower Upper

113 100

111 104.9 83.4 125.0

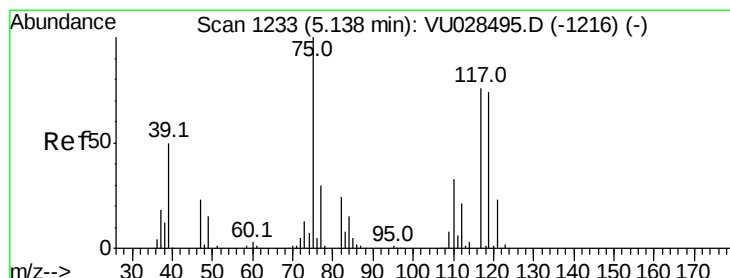
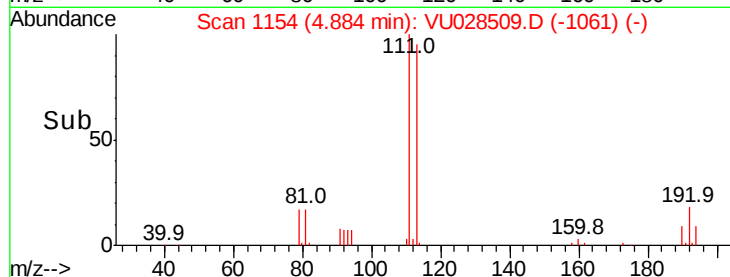
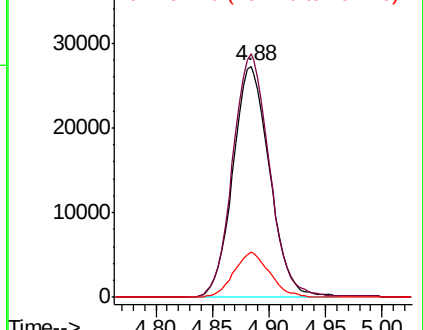
192 19.1 14.8 22.2



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: 4.523 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

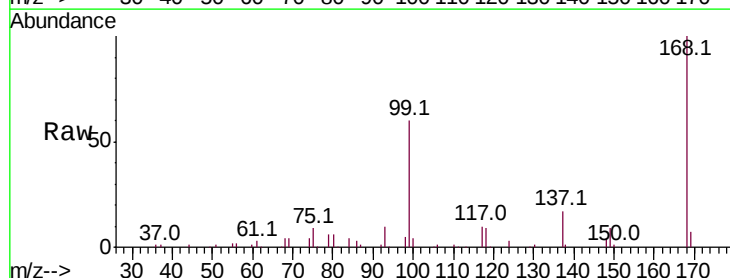
Tgt Ion: 75 Resp: 9286

Ion Ratio Lower Upper

75 100

110 7.0 16.1 48.2#

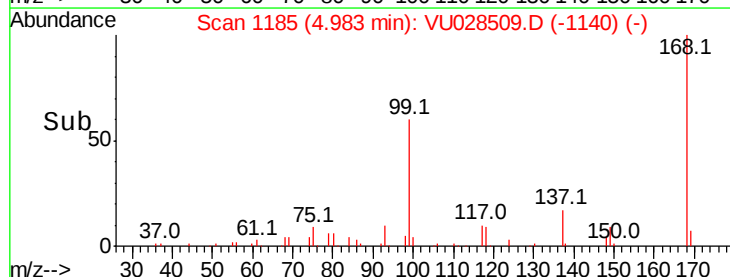
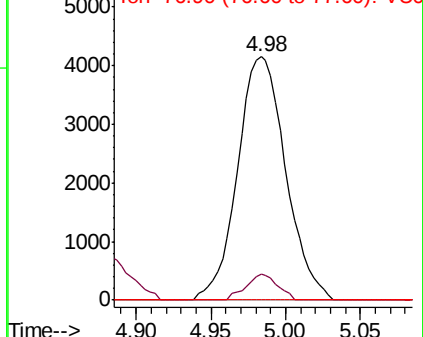
77 0.0 24.5 36.7#

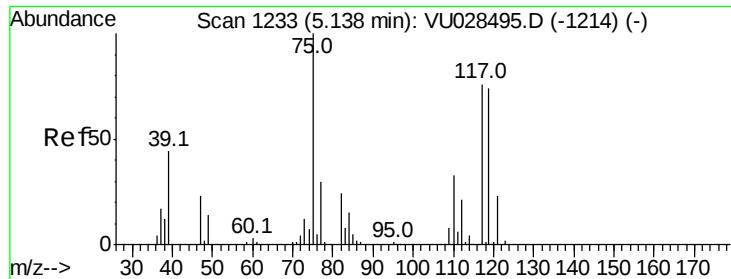


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

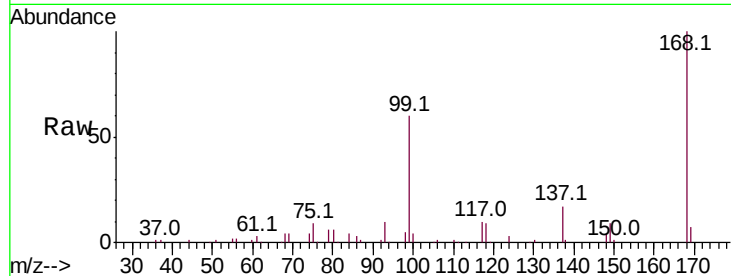




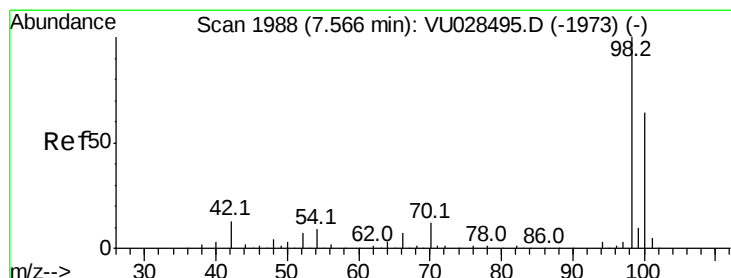
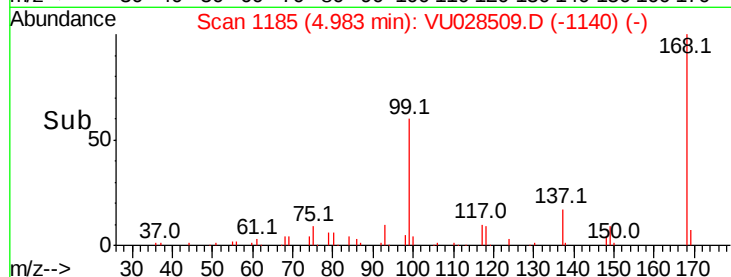
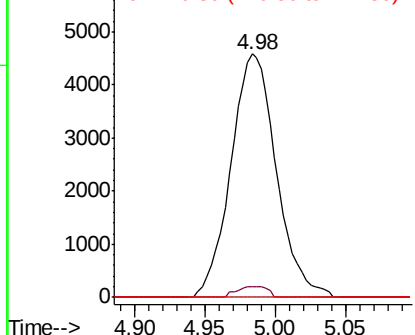
#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028509.D
Acq: 06 Dec 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW02D-M16W4-11-29-18

Tot Ion:117 Resp: 10322
Ion Ratio Lower Upper
117 100
119 4.5 77.6 116.4#
121 0.0 24.6 36.8#

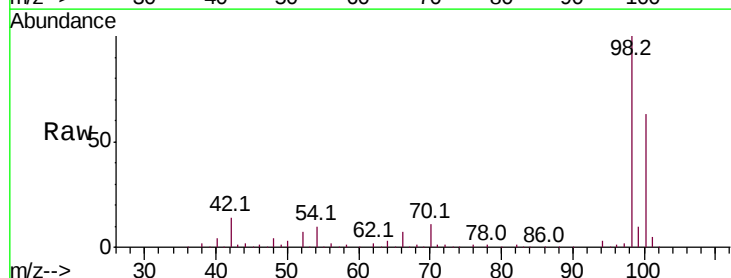


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

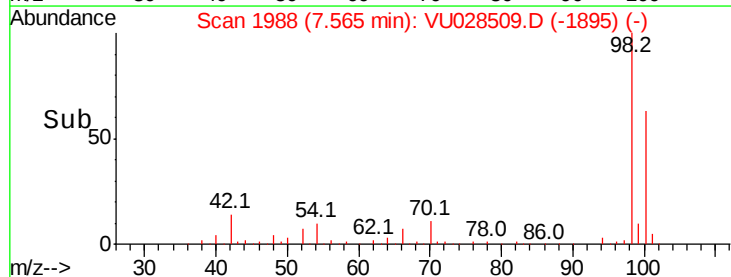
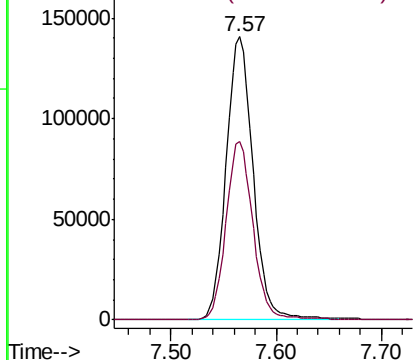


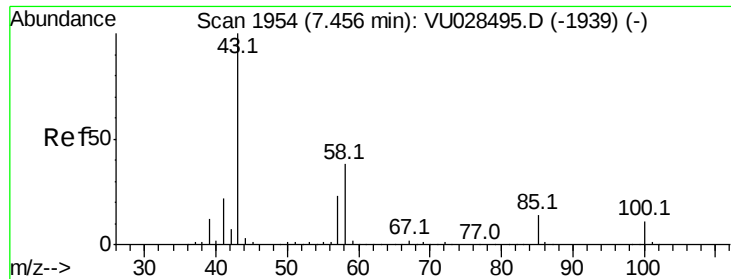
#50
Toluene-d8
Concen: 53.443 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028509.D
Acq: 06 Dec 2018 18:31

Tgt Ion: 98 Resp: 249585
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

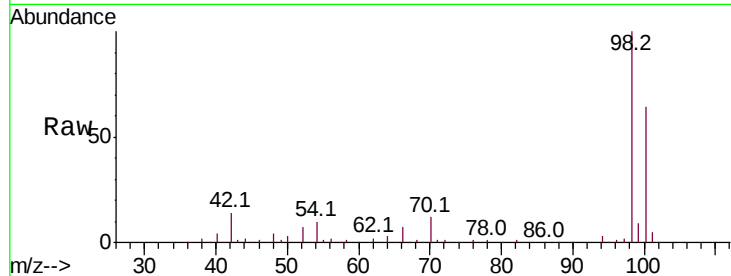
CPA-CPMW02D-M16W4-11-29-18

Tot Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

58 168.8 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-1939) (-)

1500

1000

500

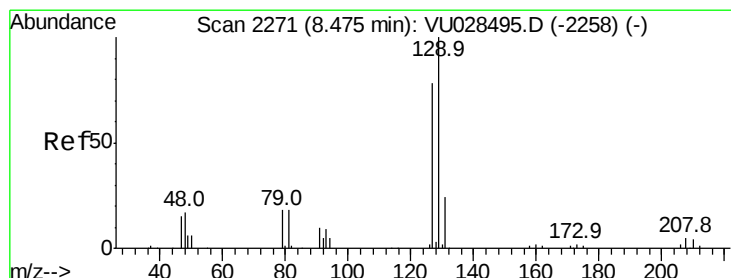
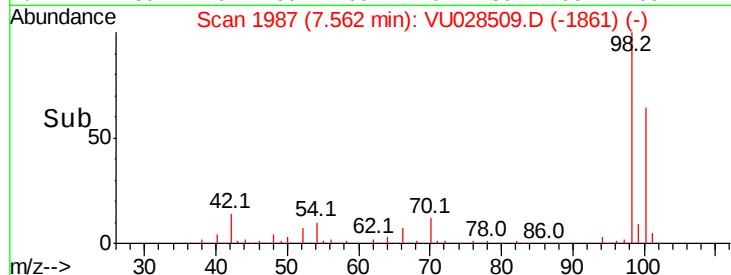
0

7.55

7.56

7.60

Time-->



#60

Dibromochloromethane

Concen: 20.198 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU028509.D

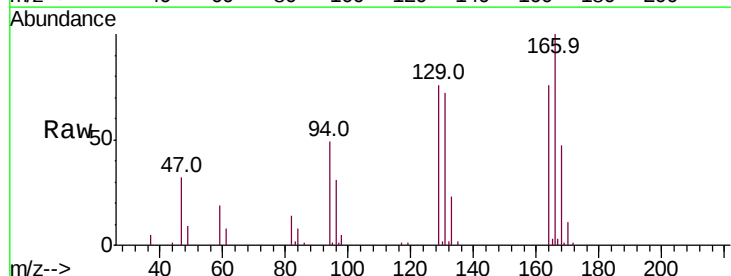
Acq: 06 Dec 2018 18:31

Tgt Ion: 129 Resp: 27815

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): VU028495.D (-2258) (-)

Ion 126.80 (126.50 to 127.50): VU028495.D (-2258) (-)

15000

10000

5000

0

8.15

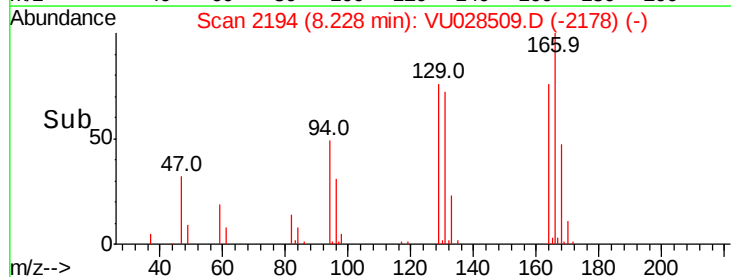
8.20

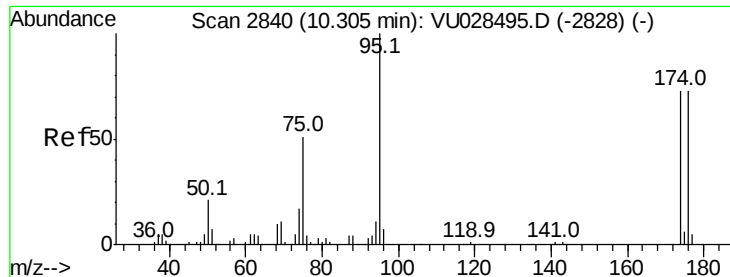
8.23

8.25

8.30

Time-->





#62

4-Bromofluorobenzene

Concen: 51.795 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW02D-M16W4-11-29-18

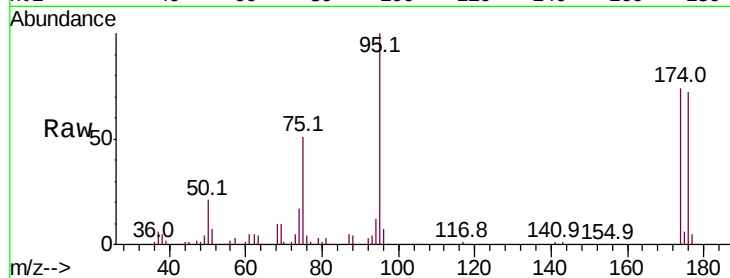
Tot Ion: 95 Resp: 90409

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.4

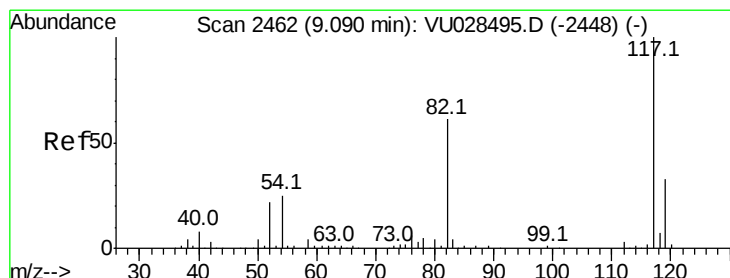
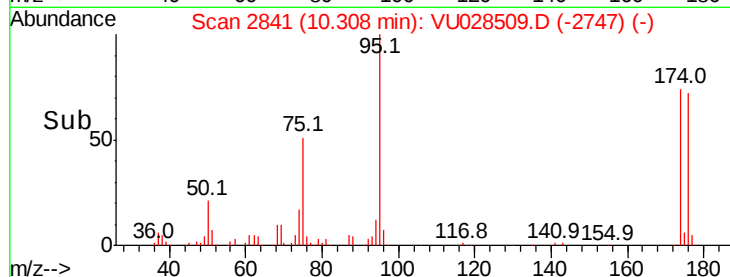
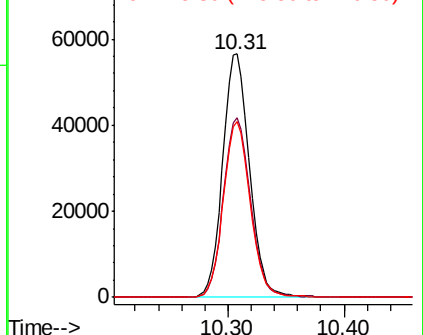
176 72.4 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

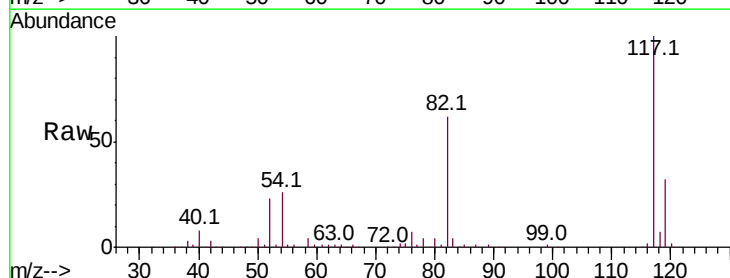
Tgt Ion: 117 Resp: 177453

Ion Ratio Lower Upper

117 100

82 62.5 48.9 73.3

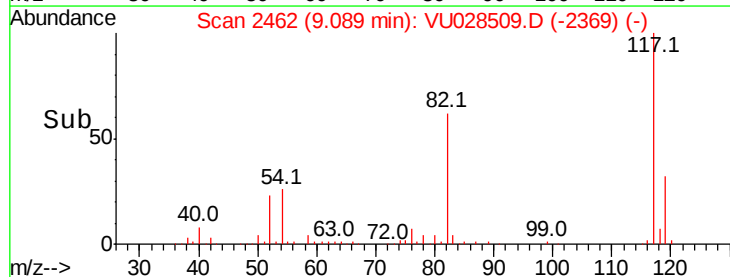
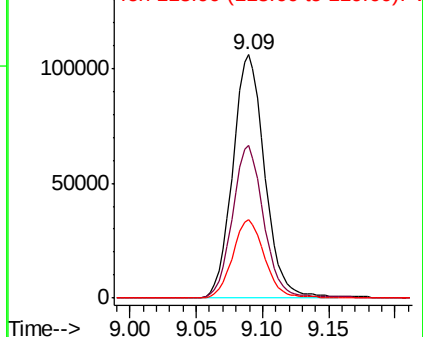
119 32.2 26.2 39.4

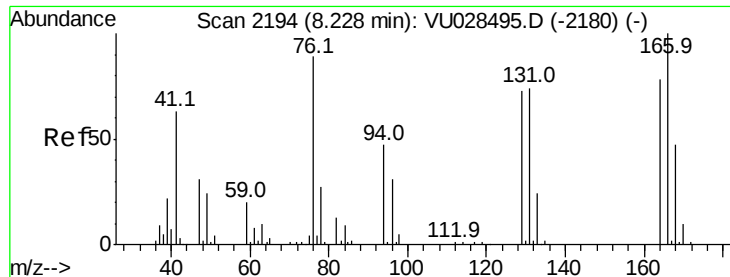


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 23.994 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW02D-M16W4-11-29-18

Tot Ion:164 Resp: 28401

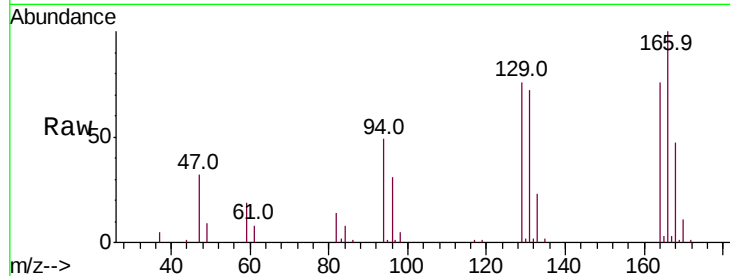
Ion Ratio Lower Upper

164 100

166 131.6 101.9 152.9

129 99.5 74.9 112.3

131 95.4 75.4 113.0

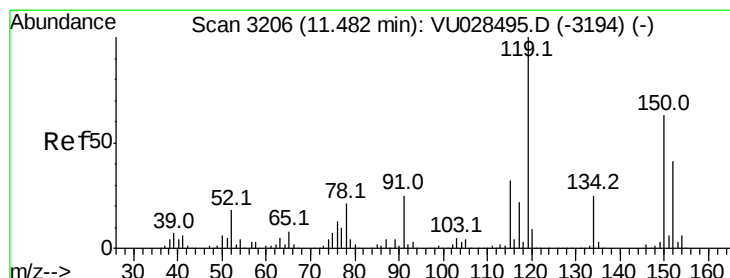
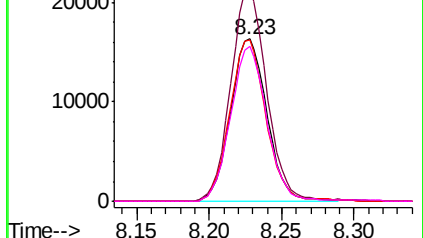
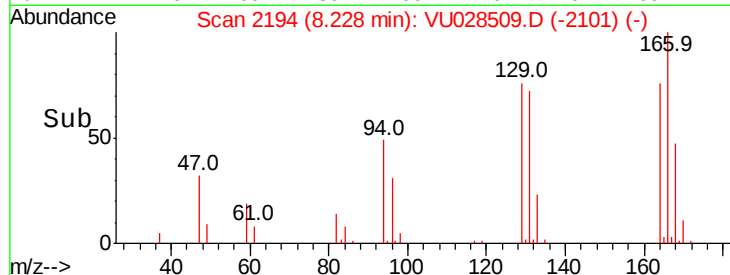


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028509.D

Acq: 06 Dec 2018 18:31

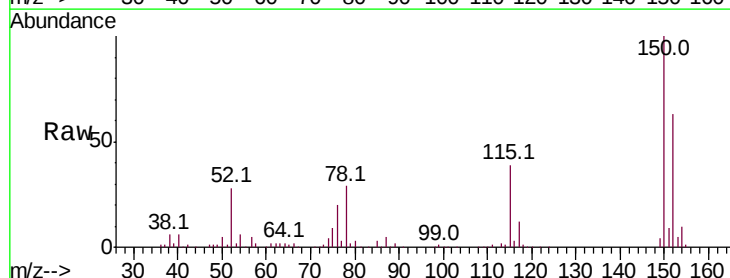
Tgt Ion:152 Resp: 83070

Ion Ratio Lower Upper

152 100

115 60.7 42.7 128.1

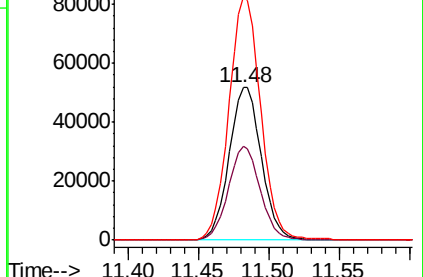
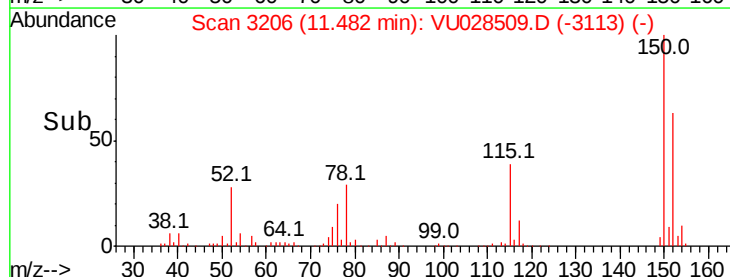
150 157.5 0.0 346.0

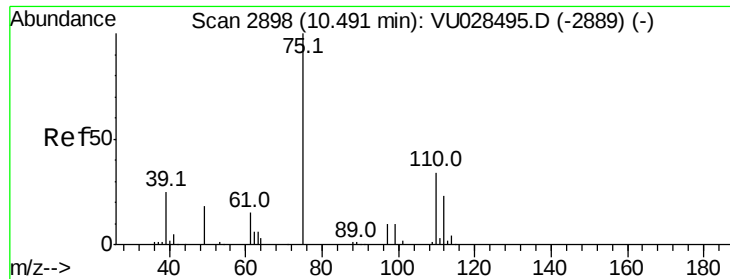


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

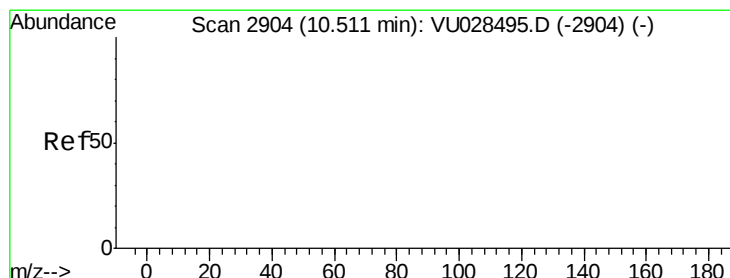
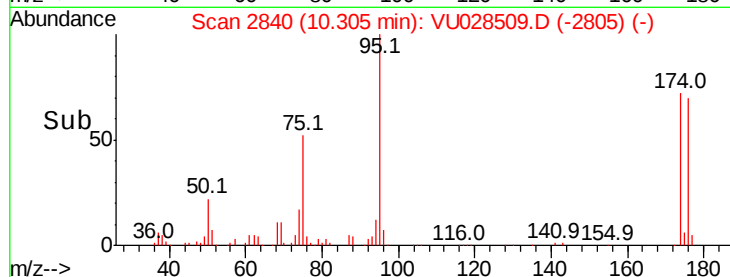
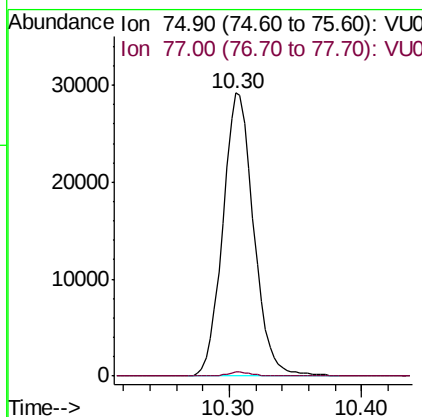
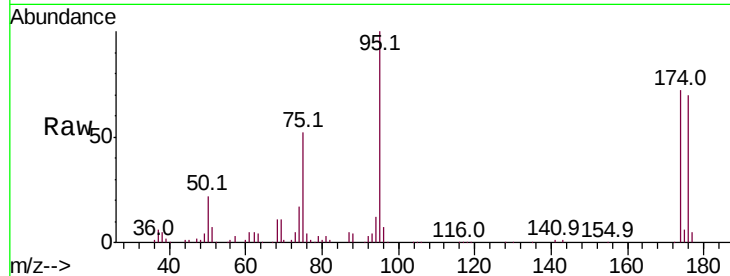




#76
 1,2,3-Trichloropropane
 Concen: 22.249 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU028509.D
 Acq: 06 Dec 2018 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW02D-M16W4-11-29-18

Tot Ion: 75 Resp: 47195
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.8 62.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.654 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU028509.D
 Acq: 06 Dec 2018 18:31

Tgt Ion: 75 Resp: 47195
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

