

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028516.D
 Acq On : 06 Dec 2018 21:13
 Operator : MD/SY
 Sample : J6252-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04S-M16W4-11-28-18

Quant Time: Dec 07 06:17:58 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	90582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174077	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76460	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	79234	57.32	ug/l	0.00
Spiked Amount			Recovery	=	114.64%	
35) Dibromofluoromethane	4.88	113	57761	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
50) Toluene-d8	7.57	98	228905	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	10.31	95	83197	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	

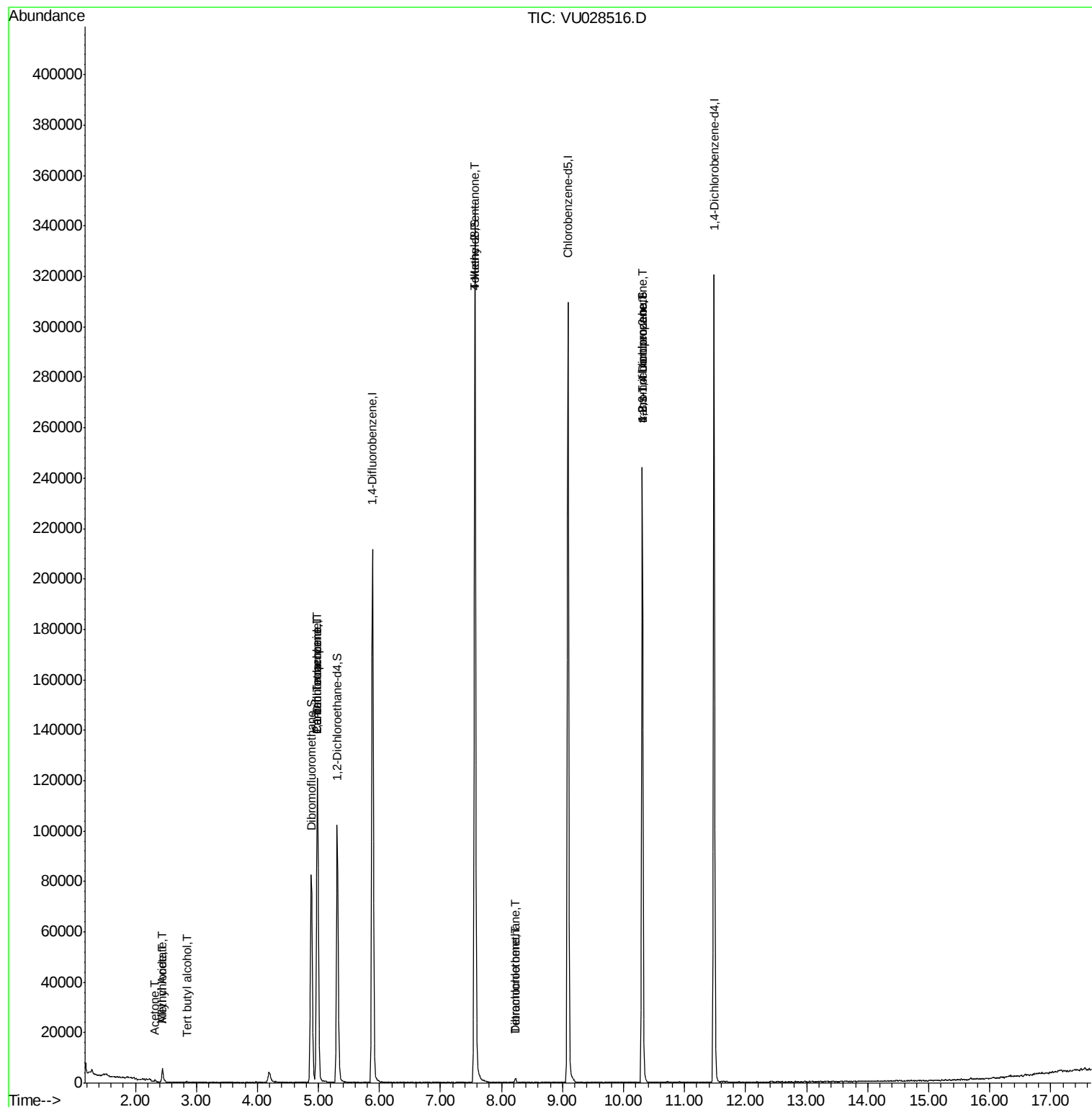
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	274	0.890	ug/l #	73
14) Allyl chloride	2.45	41	481	0.202	ug/l #	60
16) Acetone	2.33	43	1003	1.112	ug/l #	80
18) Methyl Acetate	2.44	43	1135	0.485	ug/l #	56
31) Cyclohexane	4.98	56	2171	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8304	4.359	ug/l #	46
38) Carbon Tetrachloride	4.99	117	9280	6.044	ug/l #	15
51) 4-Methyl-2-Pentanone	7.56	43	1182	0.481	ug/l #	1
60) Dibromochloromethane	8.23	129	374	0.293	ug/l #	10
64) Tetrachloroethene	8.22	164	374	0.342	ug/l	91
76) 1,2,3-Trichloropropane	10.31	75	43741	22.403	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	43741	55.030	ug/l #	100

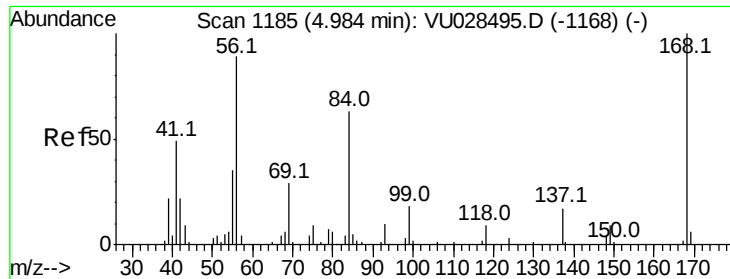
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120618\
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Quant Time: Dec 07 06:17:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
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: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

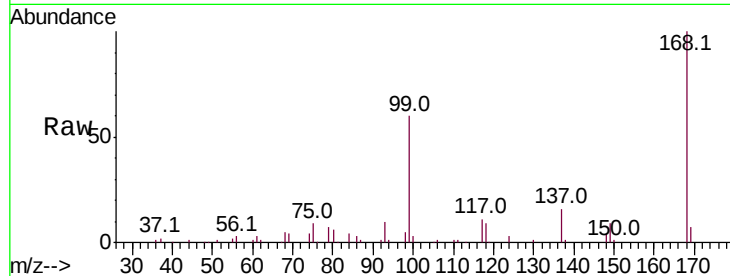
CPA-CPMW04S-M16W4-11-28-18

Tot Ion:168 Resp: 90582

Ion Ratio Lower Upper

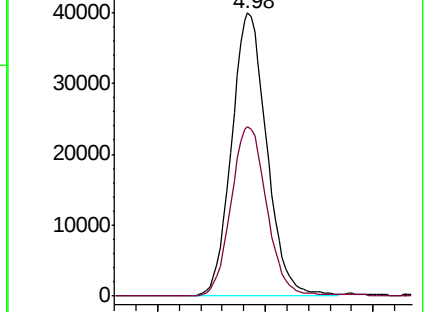
168 100

99 60.0 46.6 69.8

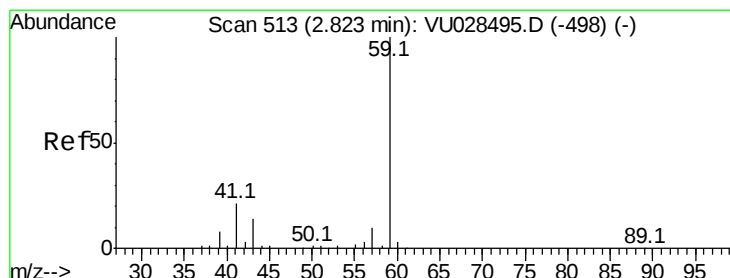
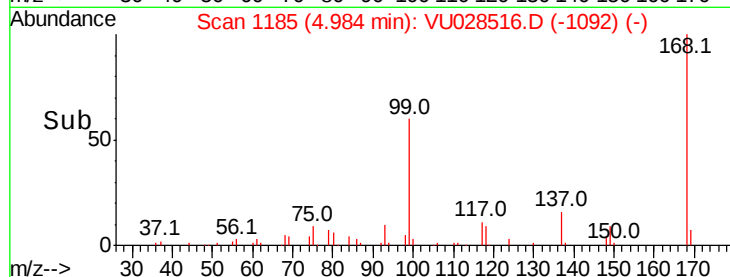


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

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



Time-->



#11

Tert butyl alcohol

Concen: 0.890 ug/l

RT: 2.84 min Scan# 513

Delta R.T. 0.01 min

Lab File: VU028516.D

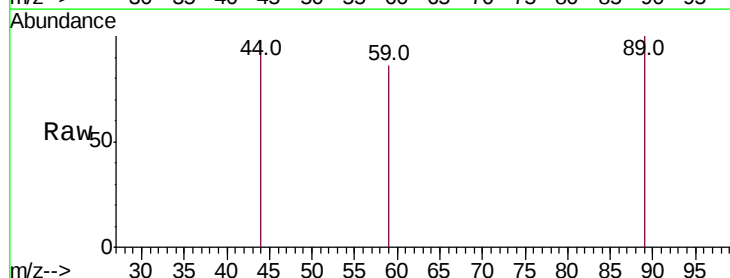
Acq: 06 Dec 2018 21:13

Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

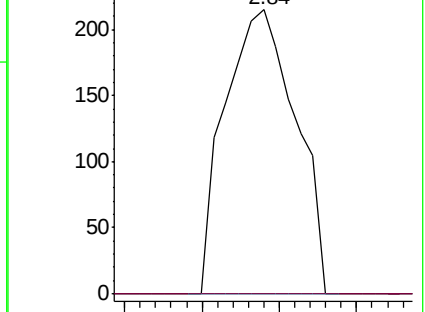
59 100

57 0.0 8.0 12.0#

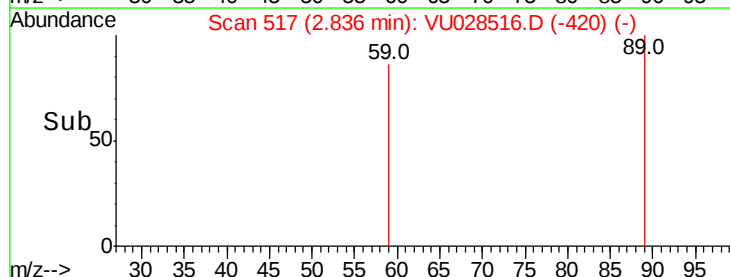


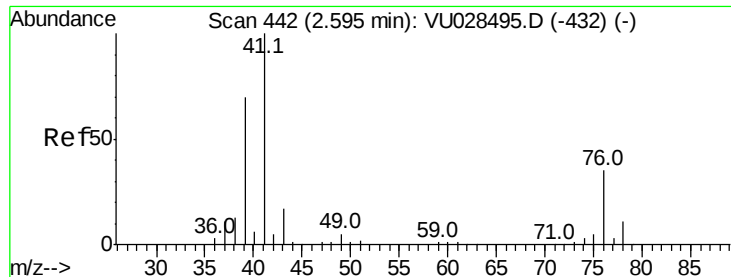
Abundance Ion 59.00 (58.70 to 59.70): VU028495.D (-498) (-)

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



Time-->





#14

Allvl chloride

Concen: 0.202 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.15 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04S-M16W4-11-28-18

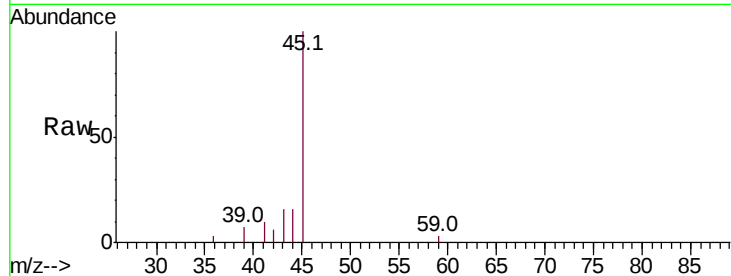
Tot Ion: 41 Resp: 481

Ion Ratio Lower Upper

41 100

39 88.4 50.8 76.2#

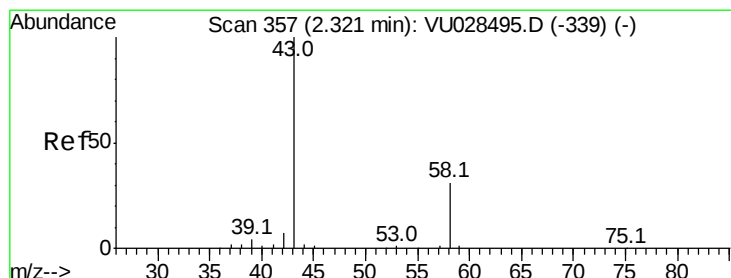
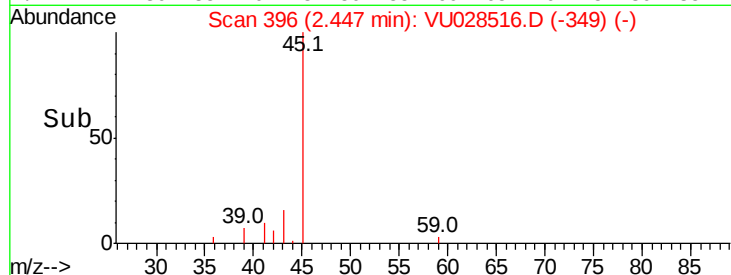
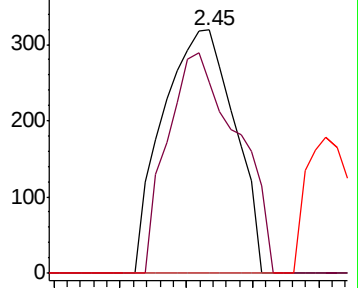
76 0.0 24.8 37.2#



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



#16

Acetone

Concen: 1.112 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU028516.D

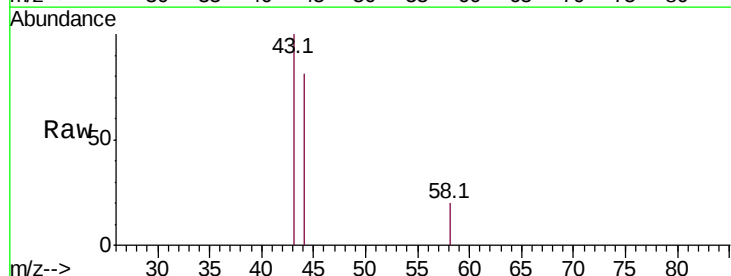
Acq: 06 Dec 2018 21:13

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

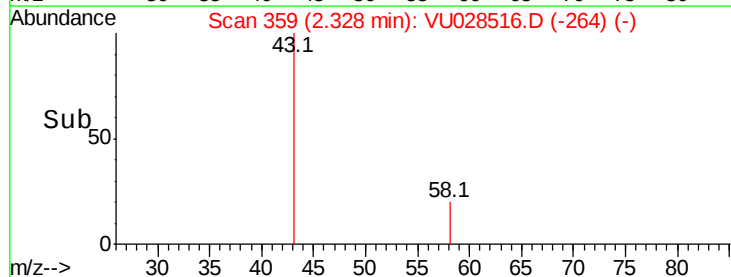
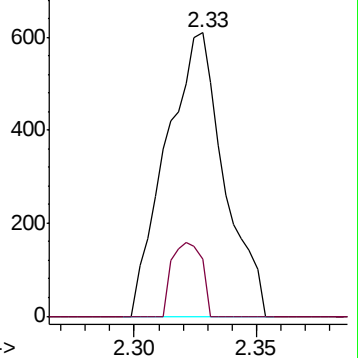
43 100

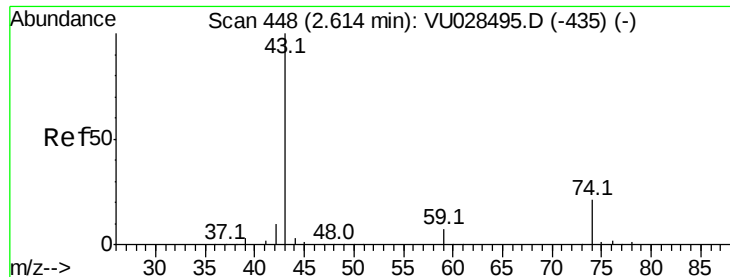
58 20.0 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#18

Methvl Acetate

Concen: 0.485 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.17 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

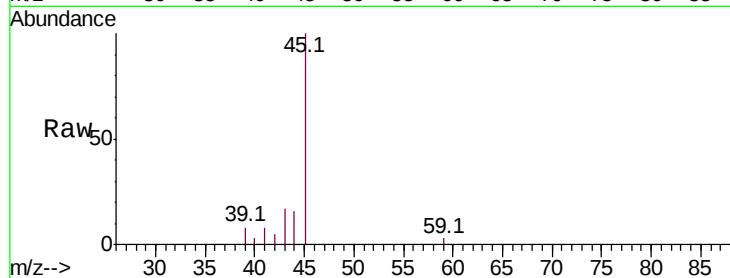
CPA-CPMW04S-M16W4-11-28-18

Tot Ion: 43 Resp: 1135

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.44

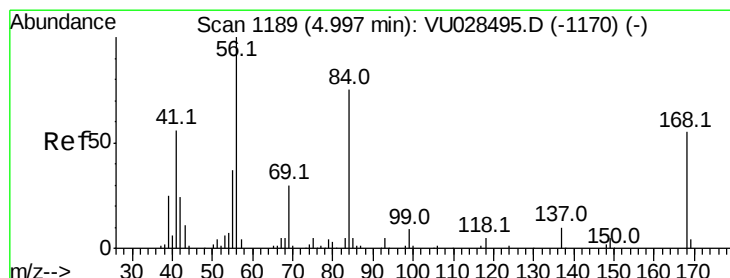
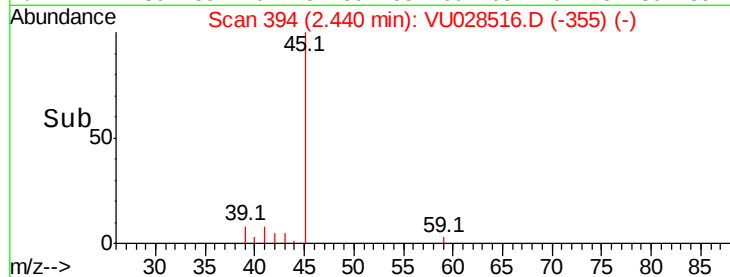
600

400

200

0

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

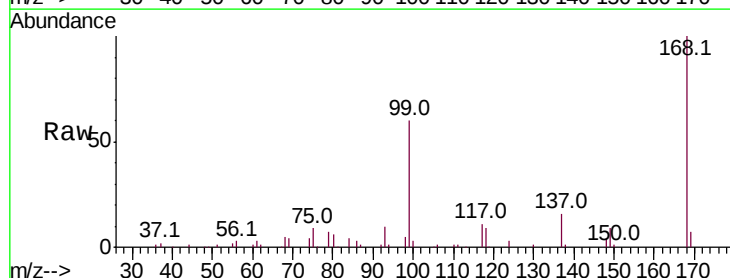
Tgt Ion: 56 Resp: 2171

Ion Ratio Lower Upper

56 100

69 150.6 24.0 36.0#

84 139.5 59.7 89.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

2000

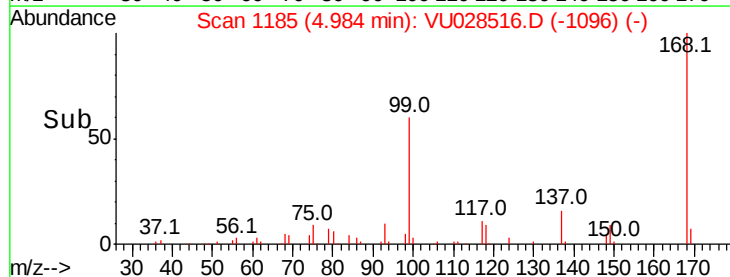
1500

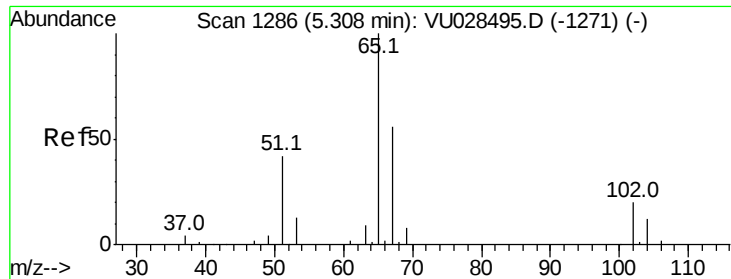
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.319 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

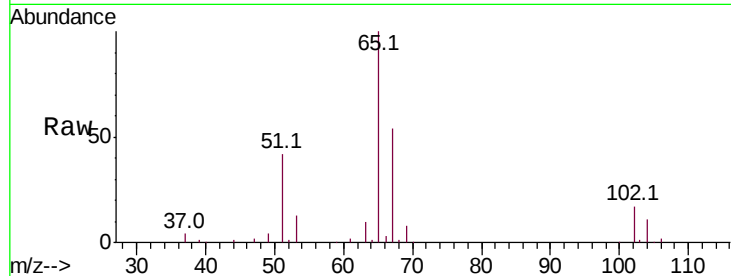
CPA-CPMW04S-M16W4-11-28-18

Tot Ion: 65 Resp: 79234

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

40000

30000

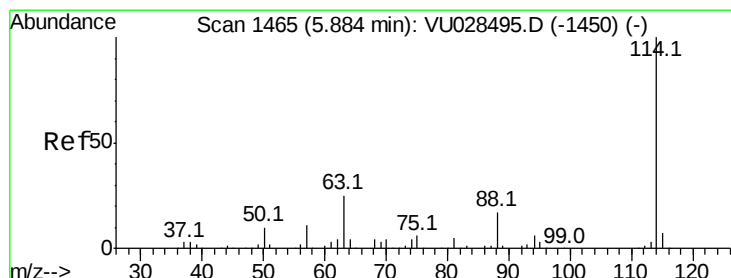
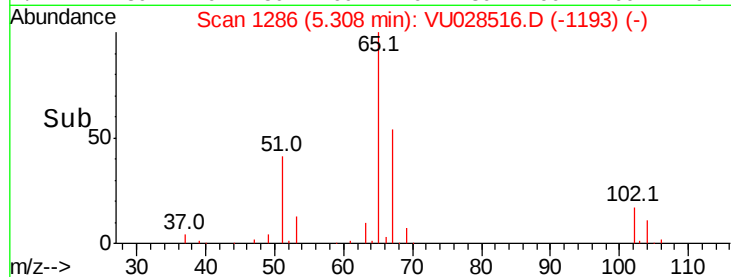
20000

10000

0

5.20 5.30 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

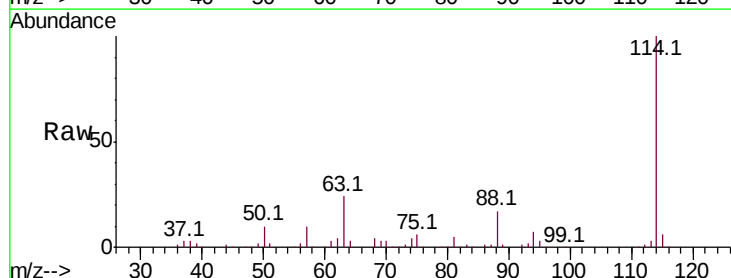
Tgt Ion: 114 Resp: 174077

Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 17.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VU028495.D (-1450) (-)

Ion 63.00 (62.70 to 63.70): VU028495.D (-1450) (-)

Ion 87.90 (87.60 to 88.60): VU028495.D (-1450) (-)

5.89

120000

100000

80000

60000

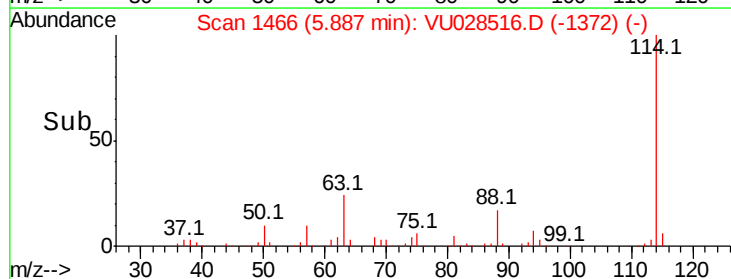
40000

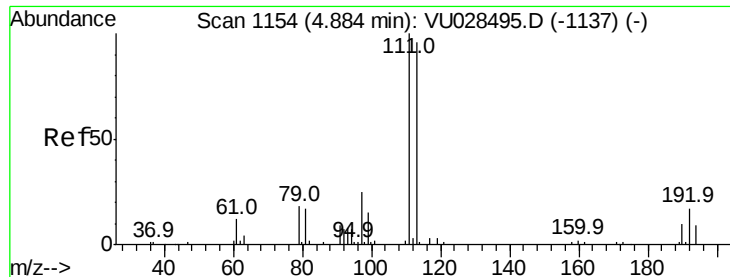
20000

0

5.80 5.90 6.00

Time-->





#35

Dibromofluoromethane

Concen: 52.727 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

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ClientSampleId :

CPA-CPMW04S-M16W4-11-28-18

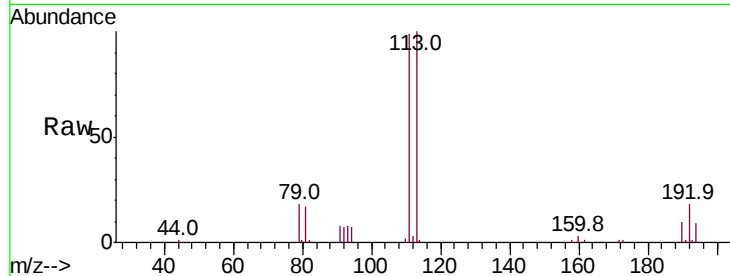
Tot Ion:113 Resp: 57761

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

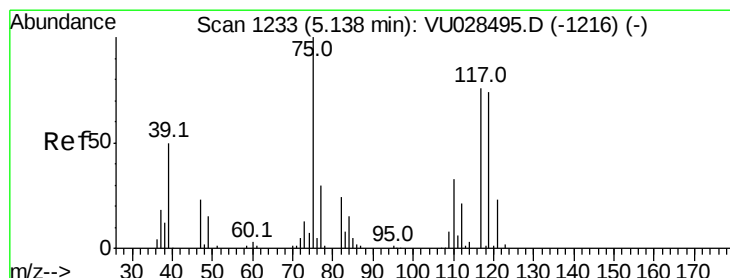
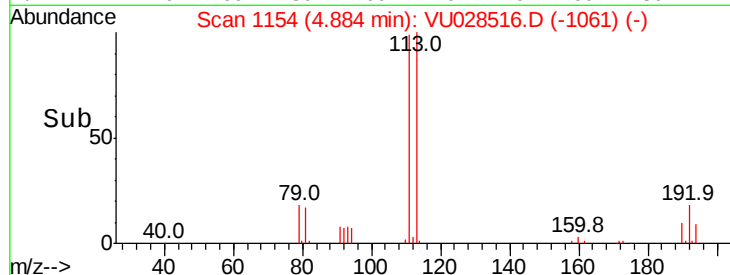
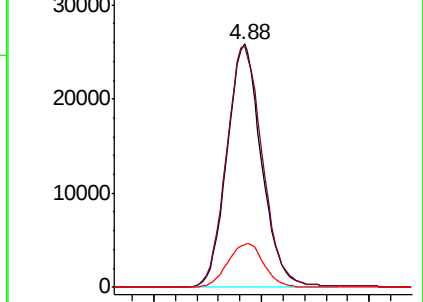
192 18.7 14.8 22.2



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: 4.359 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

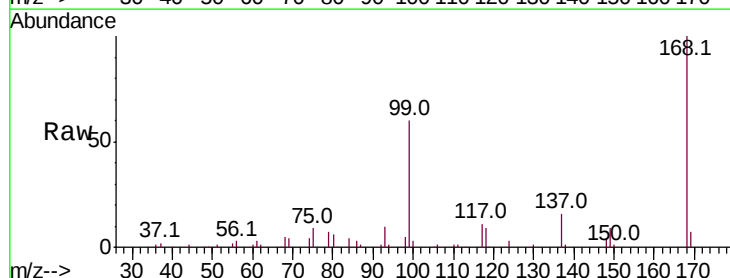
Tgt Ion: 75 Resp: 8304

Ion Ratio Lower Upper

75 100

110 2.9 16.1 48.2#

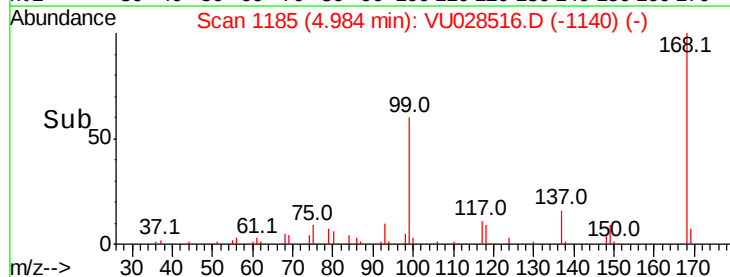
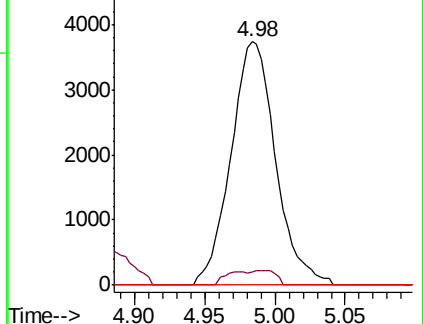
77 0.0 24.5 36.7#

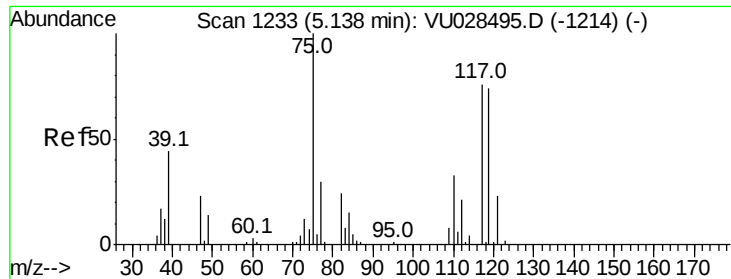


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.044 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

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ClientSampleId :

CPA-CPMW04S-M16W4-11-28-18

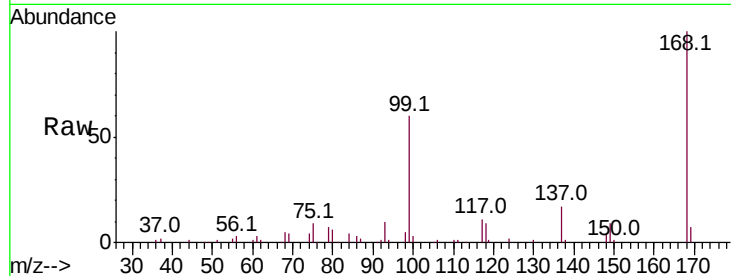
Tot Ion:117 Resp: 9280

Ion Ratio Lower Upper

117 100

119 4.8 77.6 116.4#

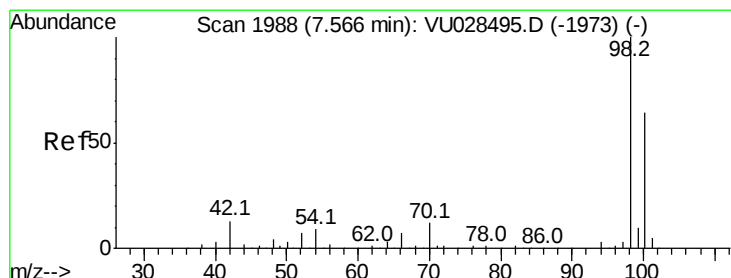
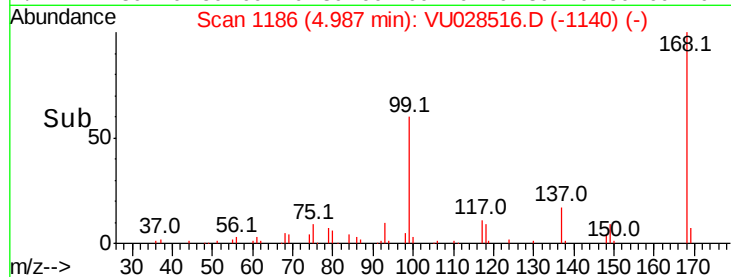
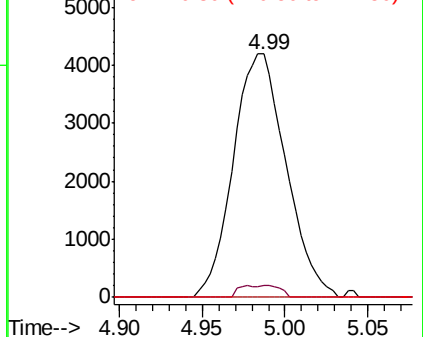
121 0.0 24.6 36.8#



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: 52.822 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028516.D

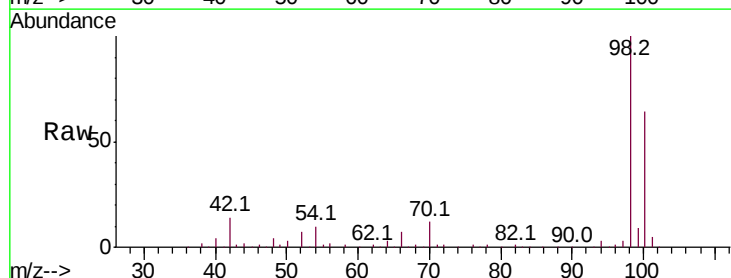
Acq: 06 Dec 2018 21:13

Tgt Ion: 98 Resp: 228905

Ion Ratio Lower Upper

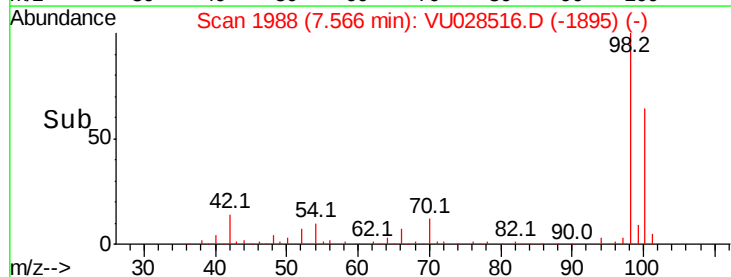
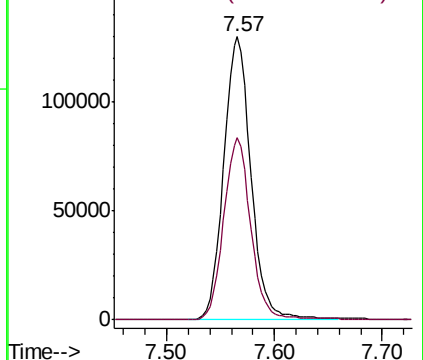
98 100

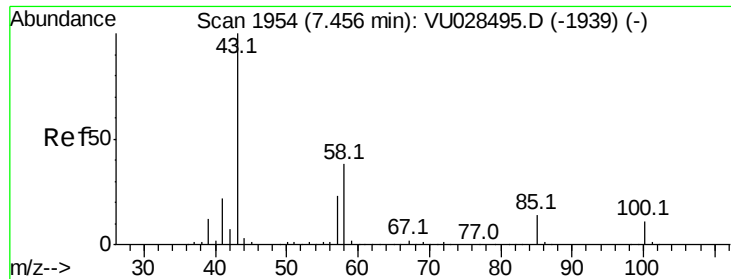
100 64.4 51.0 76.6



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: 0.481 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.11 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

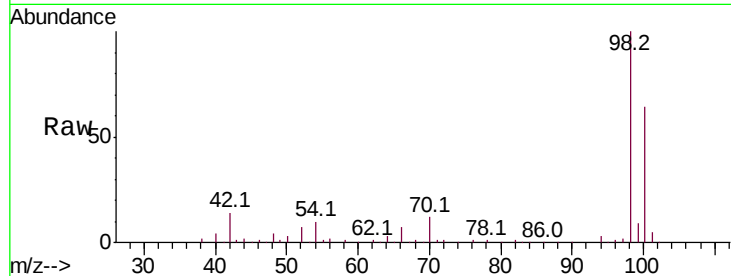
CPA-CPMW04S-M16W4-11-28-18

Tot Ion: 43 Resp: 1182

Ion Ratio Lower Upper

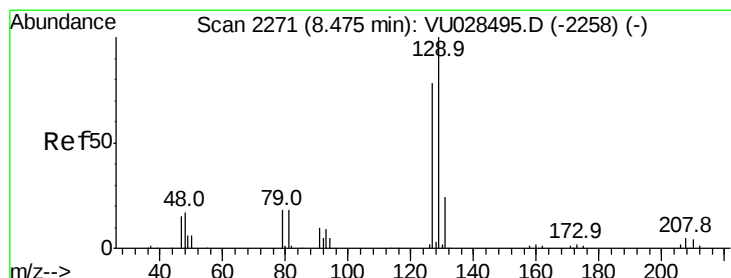
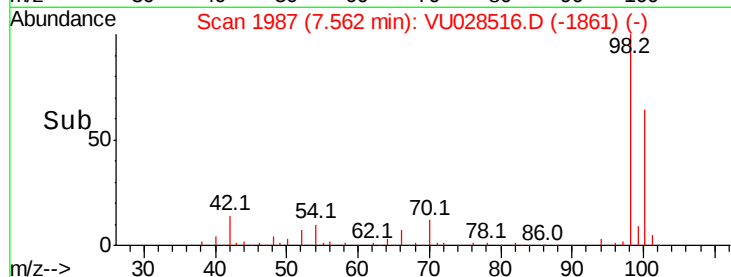
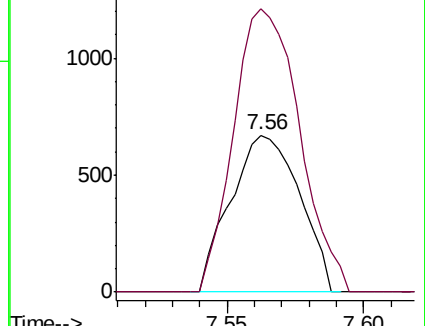
43 100

58 172.3 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VU028516.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU028516.D (-1939) (-)



#60

Dibromochloromethane

Concen: 0.293 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. -0.24 min

Lab File: VU028516.D

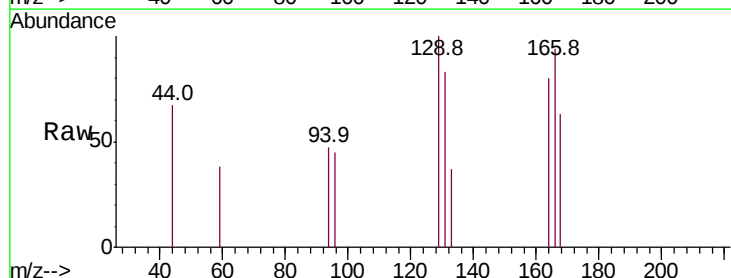
Acq: 06 Dec 2018 21:13

Tgt Ion: 129 Resp: 374

Ion Ratio Lower Upper

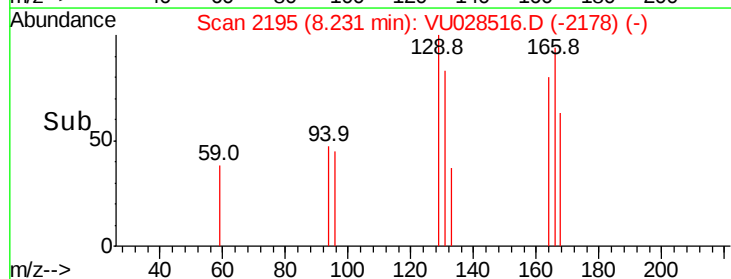
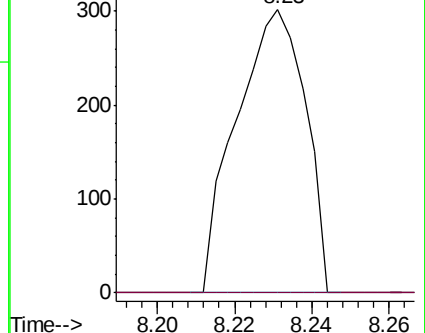
129 100

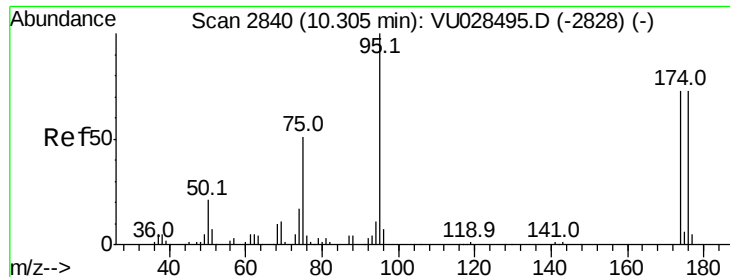
127 0.0 39.1 117.3#



Abundance Ion 128.80 (128.50 to 129.50): VU028516.D (-2178) (-)

Ion 126.80 (126.50 to 127.50): VU028516.D (-2178) (-)





#62

4-Bromofluorobenzene

Concen: 51.365 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04S-M16W4-11-28-18

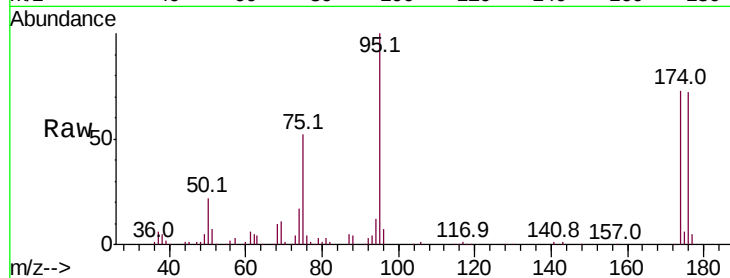
Tot Ion: 95 Resp: 83197

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	150.4
176	72.3	0.0	145.2

95 100

174 74.4 0.0 150.4

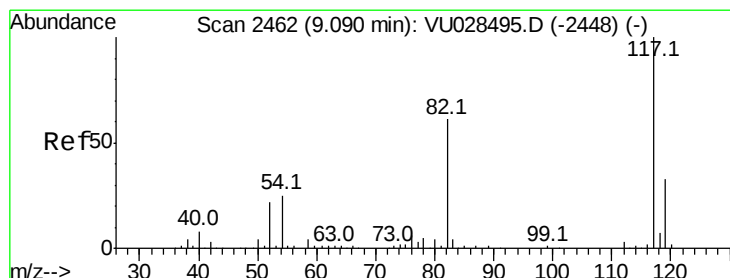
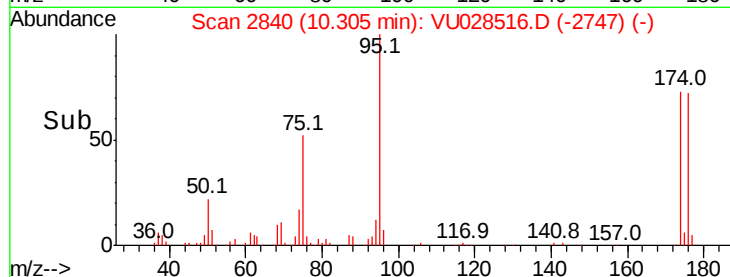
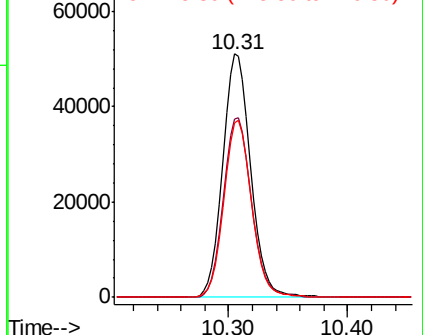
176 72.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

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: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

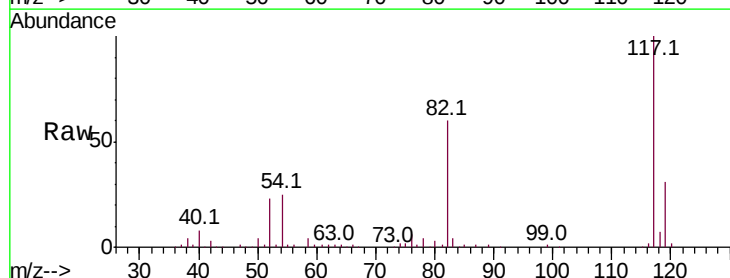
Tgt Ion: 117 Resp: 164037

Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.9	73.3
119	31.4	26.2	39.4

117 100

82 60.2 48.9 73.3

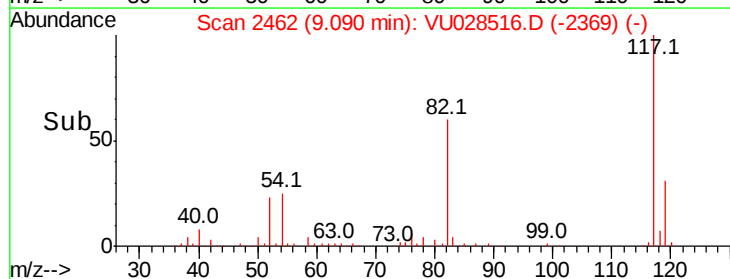
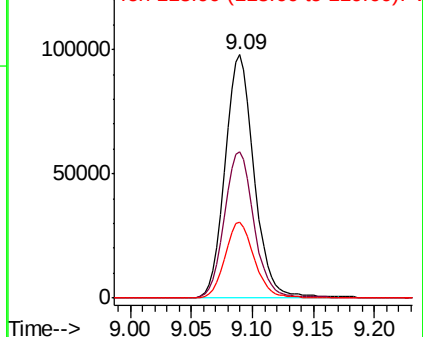
119 31.4 26.2 39.4

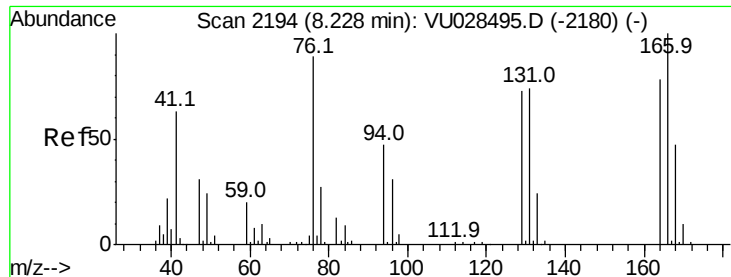


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.342 ug/l

RT: 8.22 min Scan# 2192

Delta R.T. -0.01 min

Lab File: VU028516.D

Acq: 06 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW04S-M16W4-11-28-18

Tot Ion:164 Resp: 374

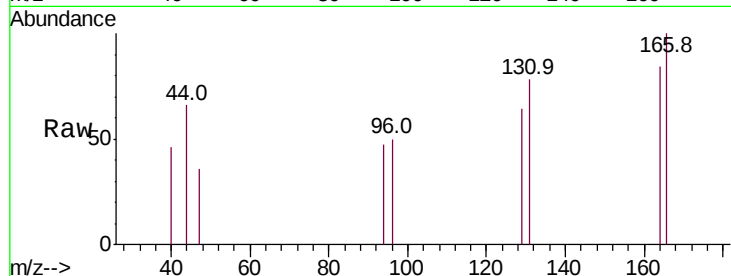
Ion Ratio Lower Upper

164 100

166 119.0 101.9 152.9

129 75.6 74.9 112.3

131 93.0 75.4 113.0

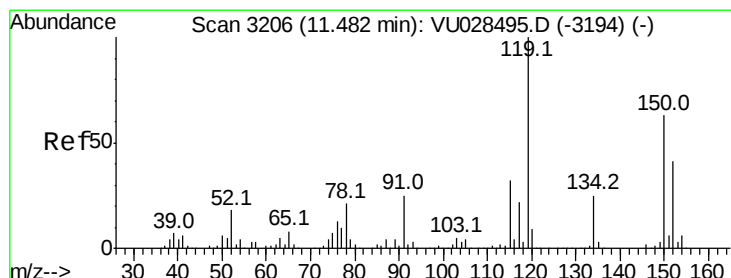
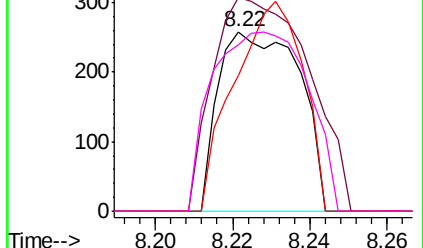
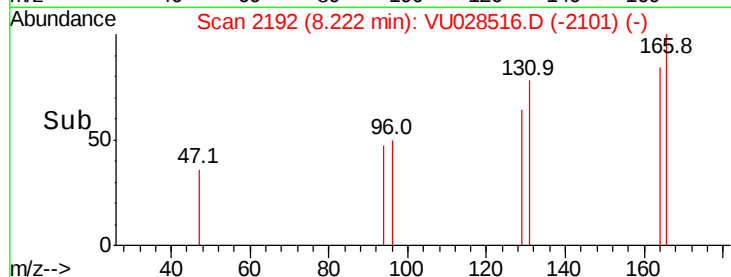


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028516.D

Acq: 06 Dec 2018 21:13

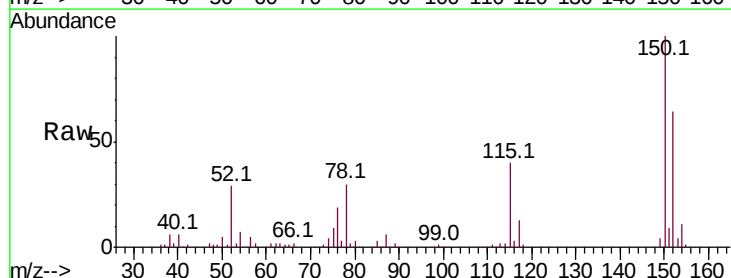
Tgt Ion:152 Resp: 76460

Ion Ratio Lower Upper

152 100

115 61.4 42.7 128.1

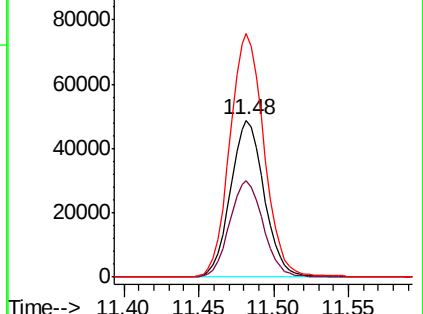
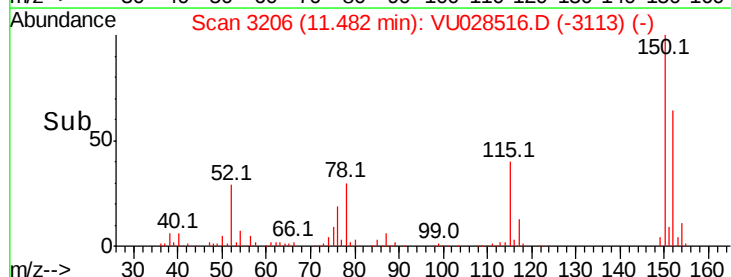
150 157.6 0.0 346.0

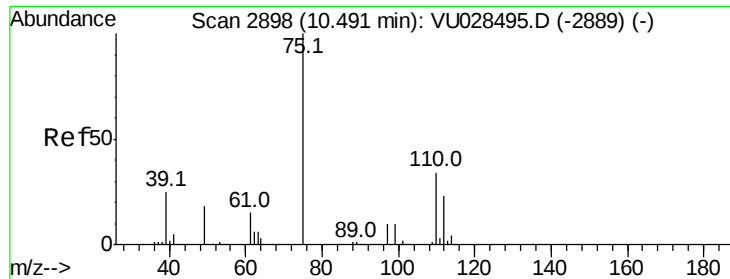


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

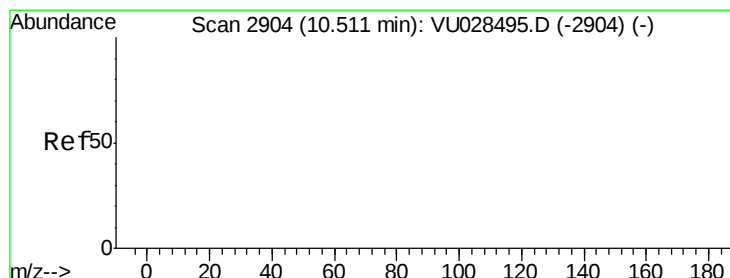
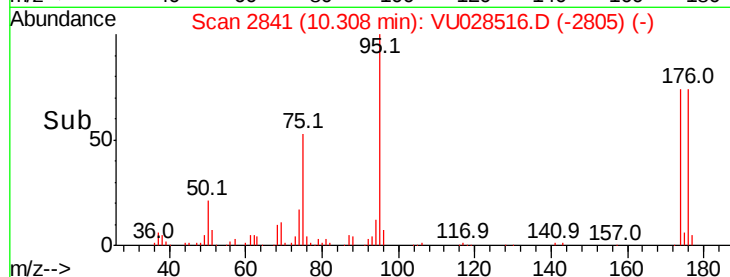
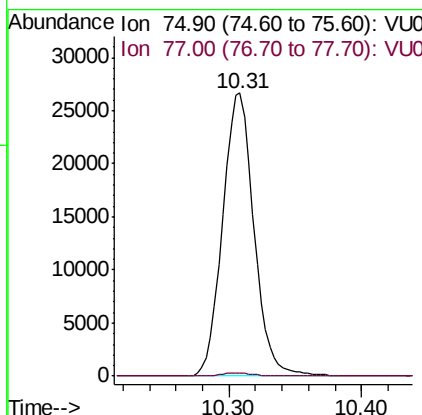
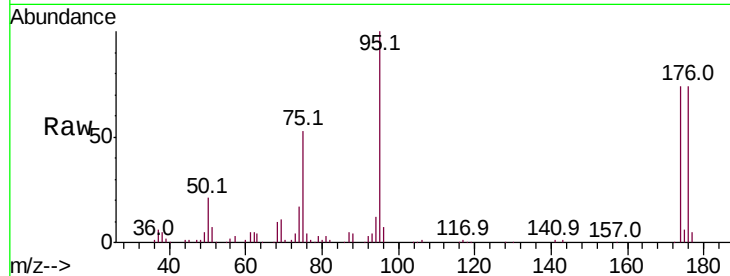




#76
 1,2,3-Trichloropropane
 Concen: 22.403 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.18 min
 Lab File: VU028516.D
 Acq: 06 Dec 2018 21:13

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW04S-M16W4-11-28-18

Tot Ion: 75 Resp: 43741
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.8 62.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.030 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU028516.D
 Acq: 06 Dec 2018 21:13

Tgt Ion: 75 Resp: 43741
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

