

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029109.D
 Acq On : 10 Jan 2019 11:26
 Operator : MD/SY
 Sample : K1071-04ME
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPSB-16(20-25)ME

Quant Time: Jan 11 02:44:58 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	102640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	182470	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	78198	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.30	65	72252	56.94	ug/l	0.00
Spiked Amount			Recovery	=	113.88%	
35) Dibromofluoromethane	4.88	113	61702	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
50) Toluene-d8	7.56	98	231209	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.31	95	82901	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	

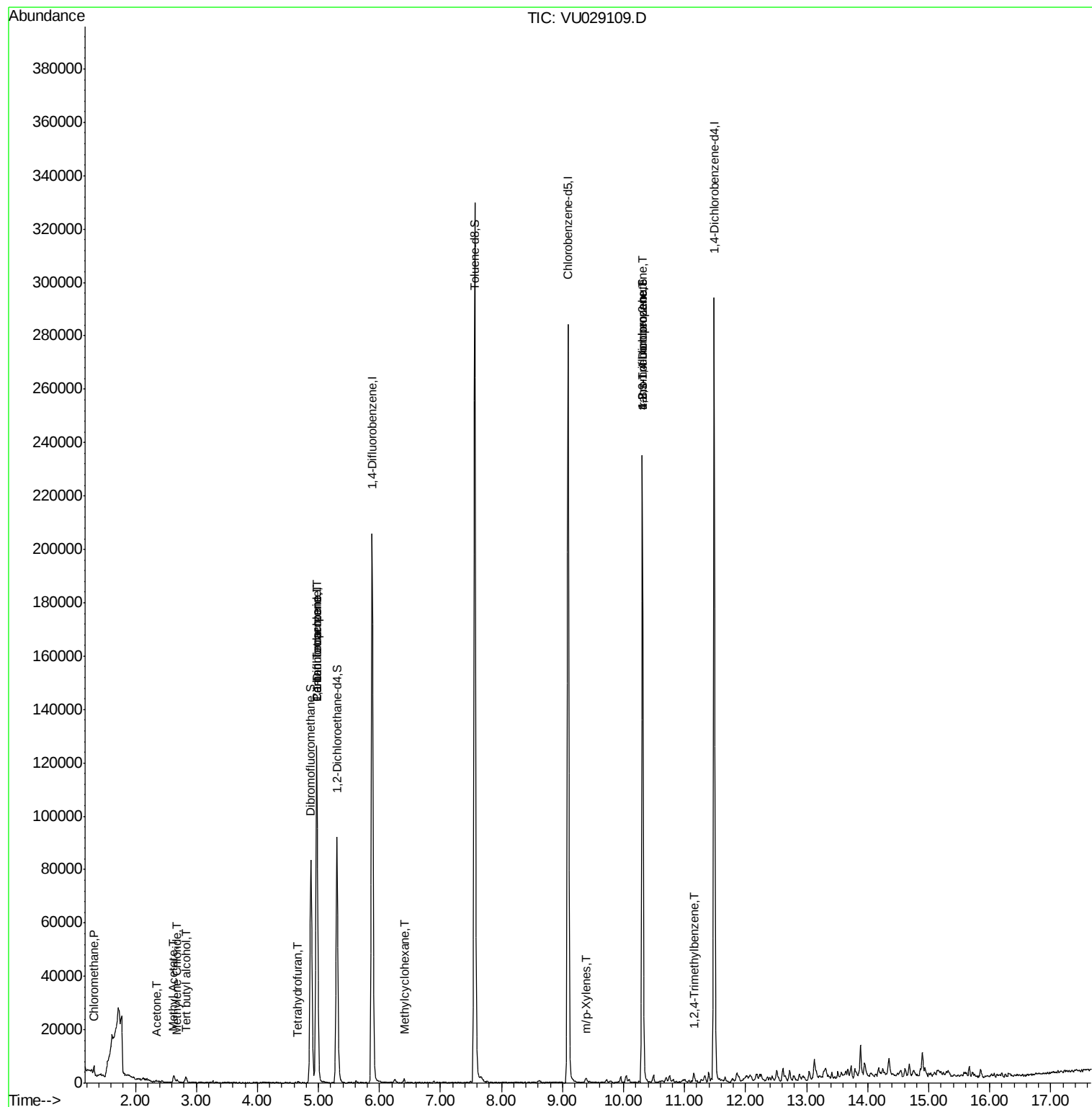
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2393	0.785	ug/l #	80
5) Bromomethane	1.59	94	526	Below Cal		89
11) Tert butyl alcohol	2.83	59	1350	4.186	ug/l #	73
16) Acetone	2.35	43	642	0.803	ug/l	94
17) Carbon Disulfide	2.43	76	680	Below Cal	#	75
18) Methyl Acetate	2.63	43	3824	2.058	ug/l #	85
20) Methylene Chloride	2.68	84	331	0.244	ug/l	96
29) Tetrahydrofuran	4.66	42	163	0.249	ug/l #	30
31) Cyclohexane	4.97	56	2073	Below Cal	#	1
36) 1,1-Dichloropropene	4.97	75	8075	4.427	ug/l #	45
38) Carbon Tetrachloride	4.98	117	9006	5.920	ug/l #	16
39) Methylcyclohexane	6.40	83	594	0.265	ug/l #	85
68) m/p-Xylenes	9.38	106	679	0.268	ug/l	97
76) 1,2,3-Trichloropropane	10.31	75	38886	20.296	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	38886	52.344	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1882	0.390	ug/l	94

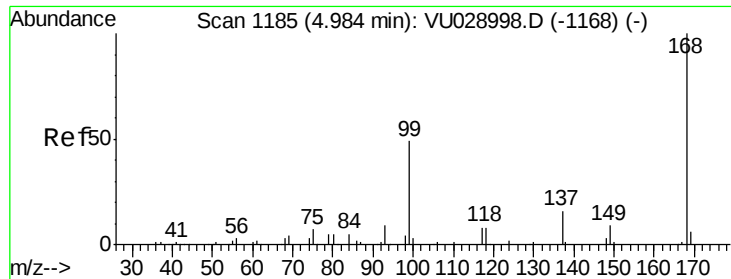
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU029109.D

Acq: 10 Jan 2019 11:26

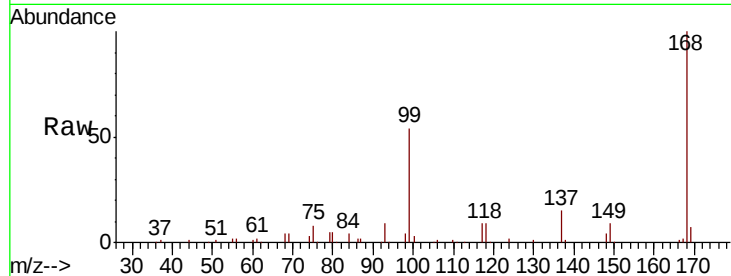
Instrument :
MSVOA_U
ClientSampleId :
CPSB-16(20-25)ME

Tgt Ion: 168 Resp: 102640

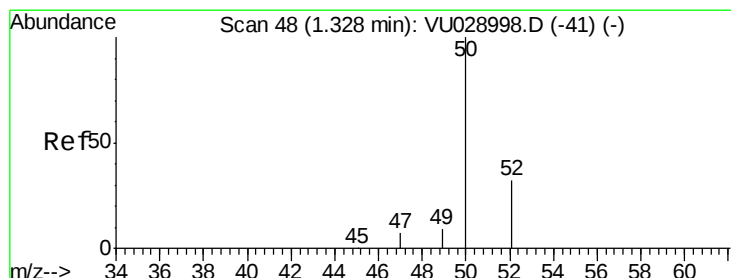
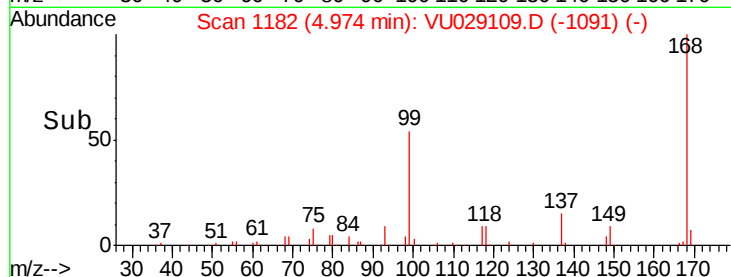
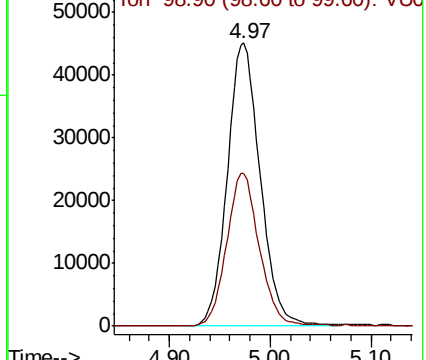
Ion Ratio Lower Upper

168 100

99 54.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)



#3

Chloromethane

Concen: 0.785 ug/l

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU029109.D

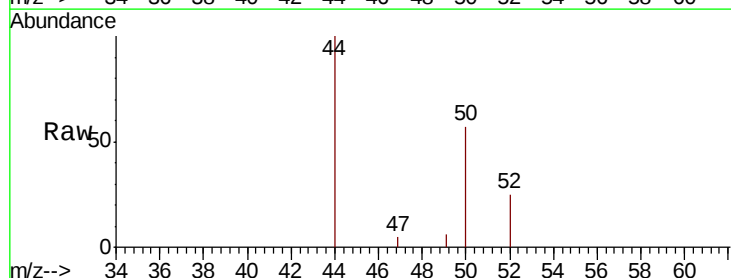
Acq: 10 Jan 2019 11:26

Tgt Ion: 50 Resp: 2393

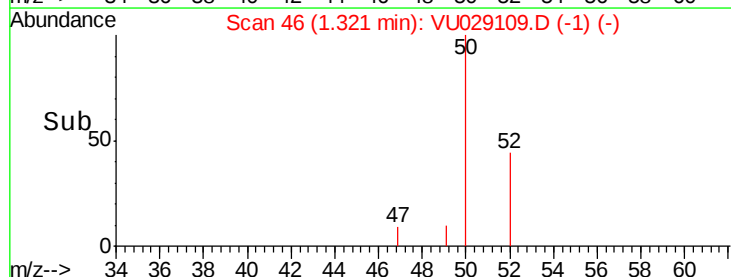
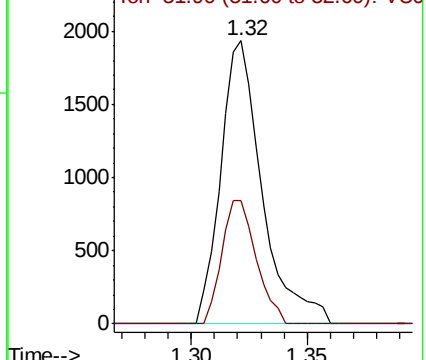
Ion Ratio Lower Upper

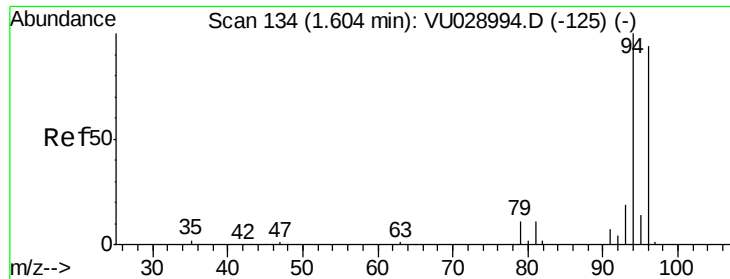
50 100

52 43.8 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VU028998.D (-41) (-)





#5

Bromomethane

Concen: Below Cal

RT: 1.59 min Scan# 131

Delta R.T. -0.01 min

Lab File: VU029109.D

Acq: 10 Jan 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

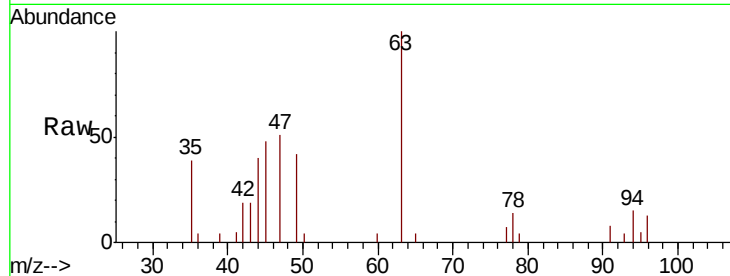
CPSB-16(20-25)ME

Tgt Ion: 94 Resp: 526

Ion Ratio Lower Upper

94 100

96 84.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.59

400

300

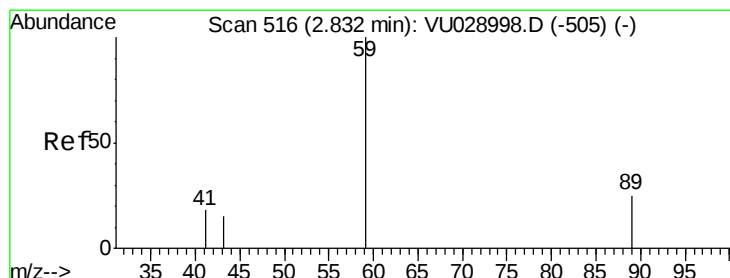
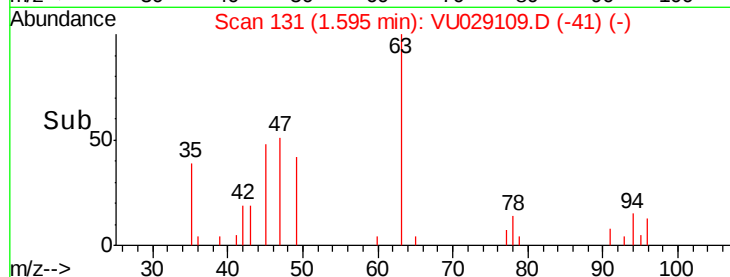
200

100

0

1.56 1.58 1.60 1.62

Time-->



#11

Tert butyl alcohol

Concen: 4.186 ug/l

RT: 2.83 min Scan# 515

Delta R.T. -0.00 min

Lab File: VU029109.D

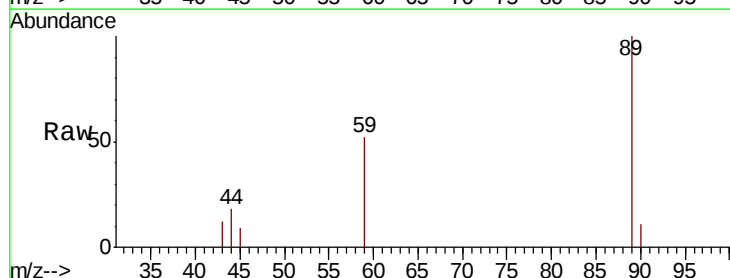
Acq: 10 Jan 2019 11:26

Tgt Ion: 59 Resp: 1350

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

600

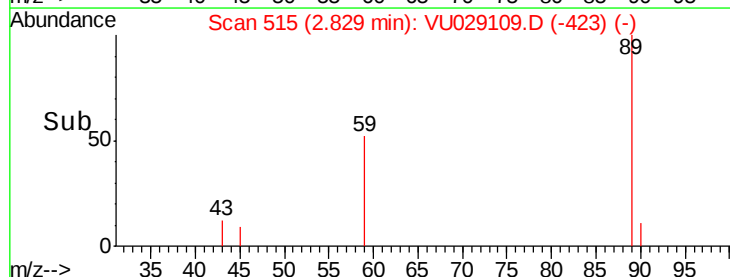
400

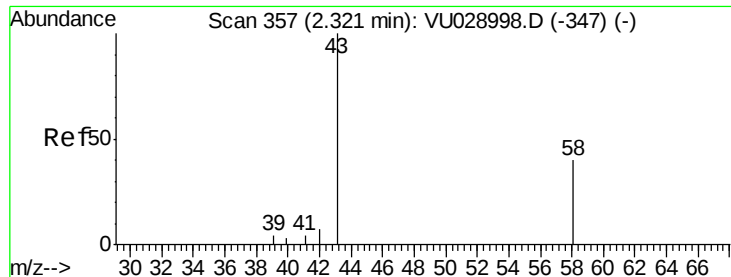
200

0

2.80 2.85

Time-->





#16

Acetone

Concen: 0.803 ug/l

RT: 2.35 min Scan# 366

Delta R.T. 0.03 min

Lab File: VU029109.D

Acq: 10 Jan 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

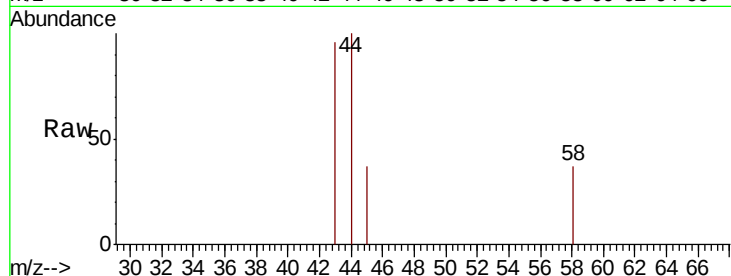
CPSB-16(20-25)ME

Tgt Ion: 43 Resp: 642

Ion Ratio Lower Upper

43 100

58 39.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.35

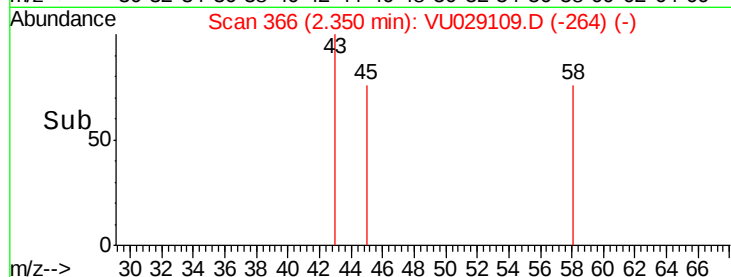
300

200

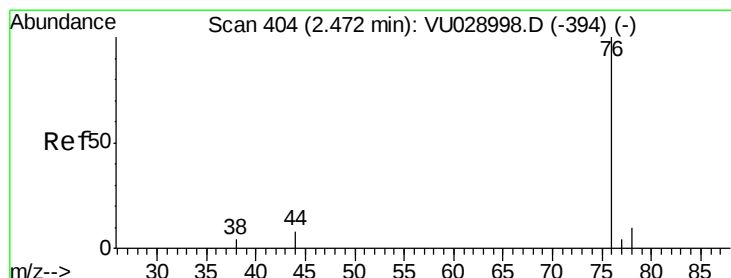
100

0

2.30 2.32 2.34 2.36 2.38



Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.43 min Scan# 392

Delta R.T. -0.04 min

Lab File: VU029109.D

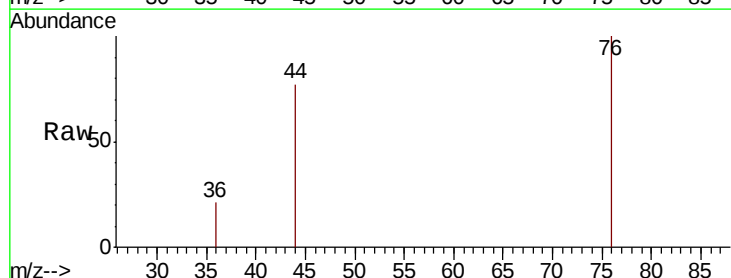
Acq: 10 Jan 2019 11:26

Tgt Ion: 76 Resp: 680

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.43

600

500

400

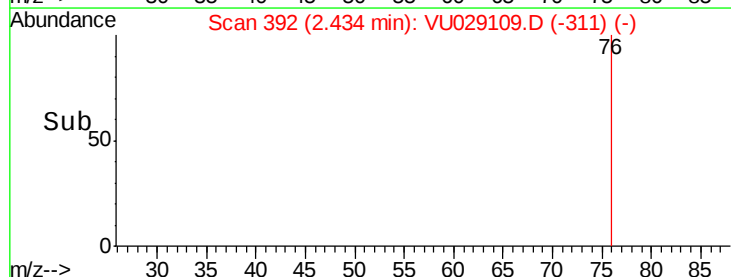
300

200

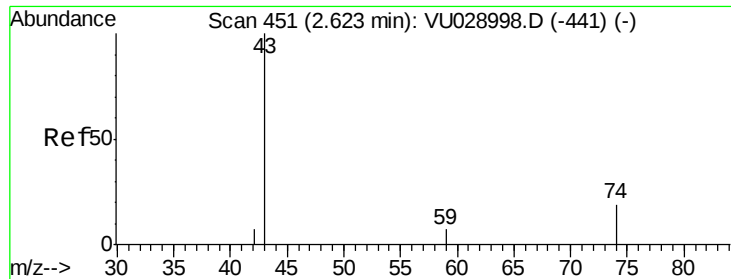
100

0

2.40 2.42 2.44 2.46



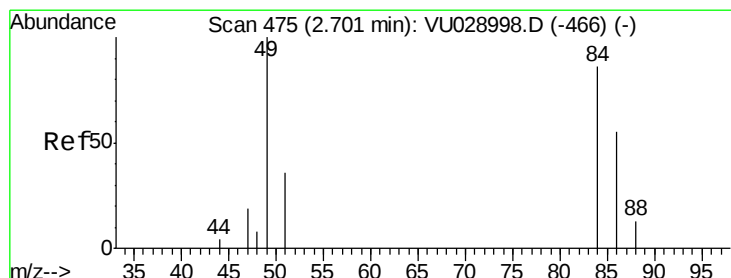
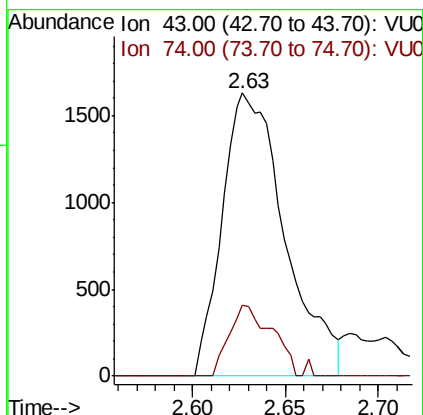
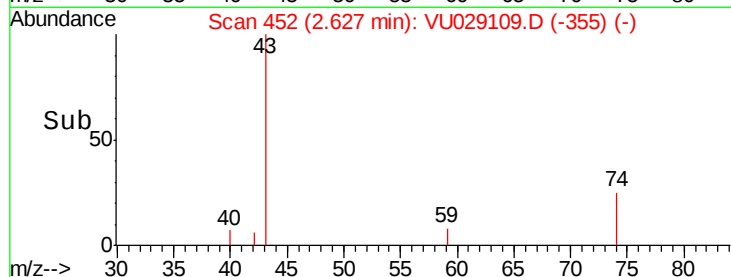
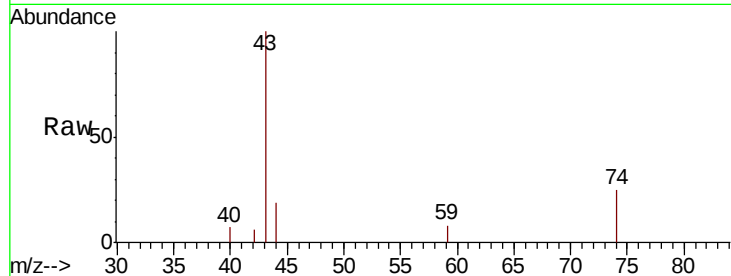
Time-->



#18
Methyl Acetate
Concen: 2.058 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU029109.D
Acq: 10 Jan 2019 11:26

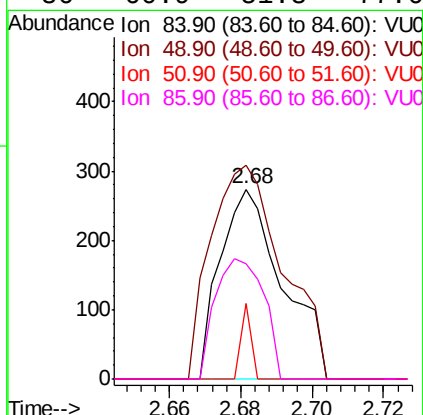
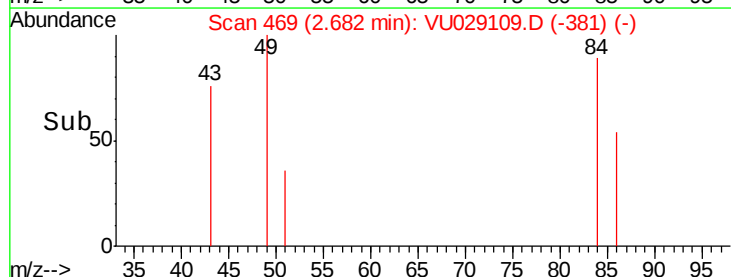
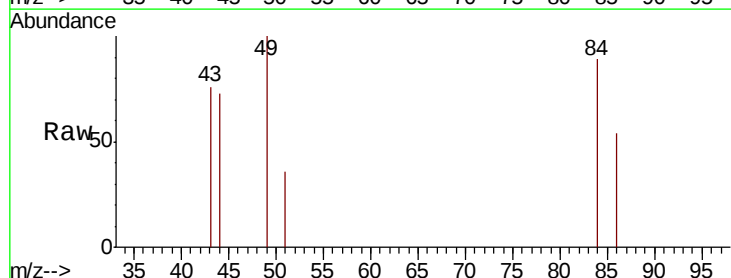
Instrument :
MSVOA_U
ClientSampleId :
CPSB-16(20-25)ME

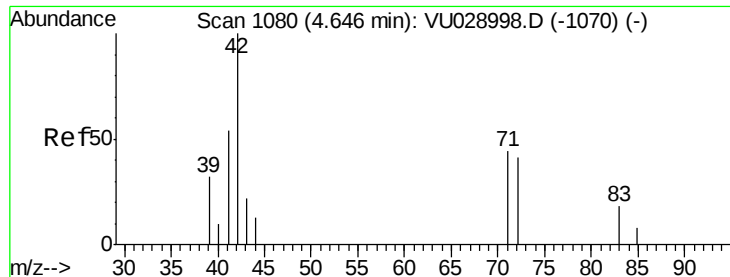
Tgt Ion: 43 Resp: 3824
Ion Ratio Lower Upper
43 100
74 17.1 19.5 29.3#



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.68 min Scan# 469
Delta R.T. -0.02 min
Lab File: VU029109.D
Acq: 10 Jan 2019 11:26

Tgt Ion: 84 Resp: 331
Ion Ratio Lower Upper
84 100
49 112.4 91.9 137.9
51 40.1 29.2 43.8
86 60.9 51.8 77.6





#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 4.66 min Scan# 1084

Delta R.T. 0.03 min

Lab File: VU029109.D

Acq: 10 Jan 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

CPSB-16(20-25)ME

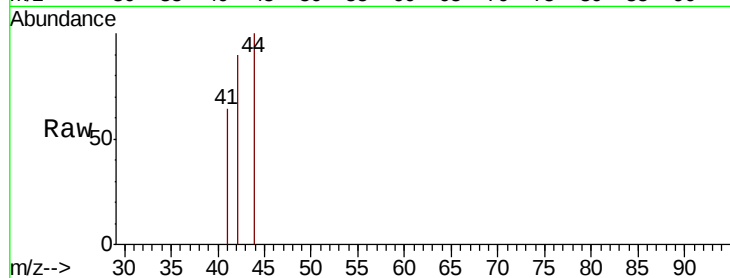
Tgt Ion: 42 Resp: 163

Ion Ratio Lower Upper

42 100

72 0.0 38.3 57.5#

71 0.0 36.1 54.1#

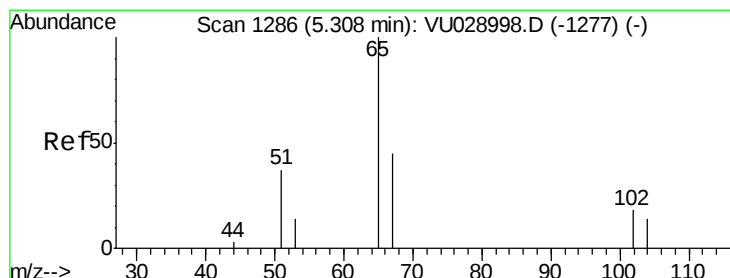
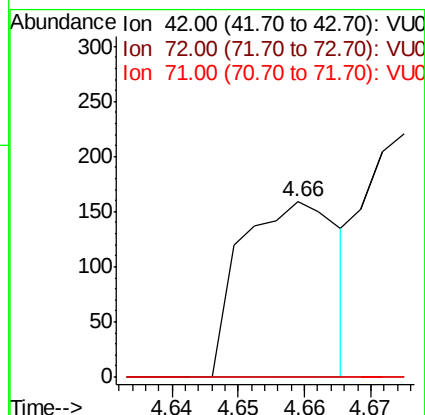
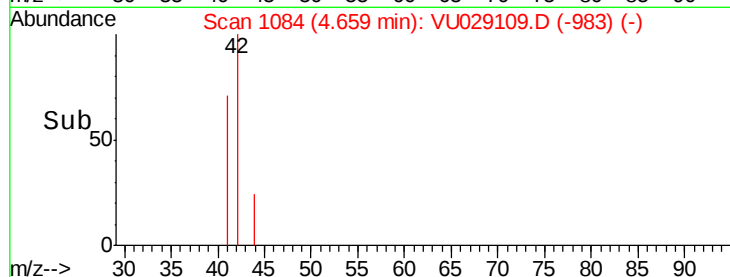


Abundance Ion 42.00 (41.70 to 42.70): VU028998.D (-1070) (-)

Ion 72.00 (71.70 to 72.70): VU028998.D (-1070) (-)

Ion 71.00 (70.70 to 71.70): VU028998.D (-1070) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.944 ug/l

RT: 5.30 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU029109.D

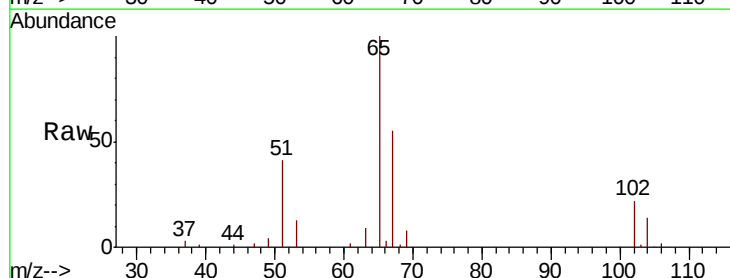
Acq: 10 Jan 2019 11:26

Tgt Ion: 65 Resp: 72252

Ion Ratio Lower Upper

65 100

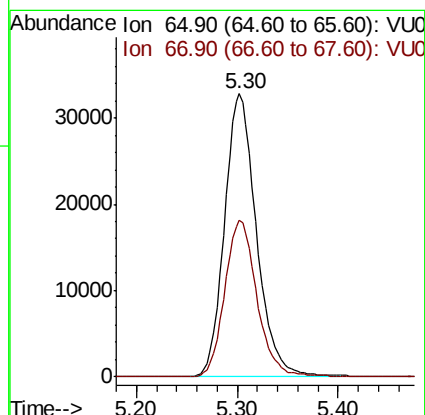
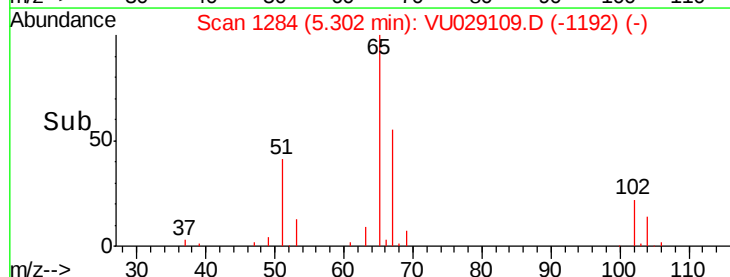
67 55.8 0.0 111.0

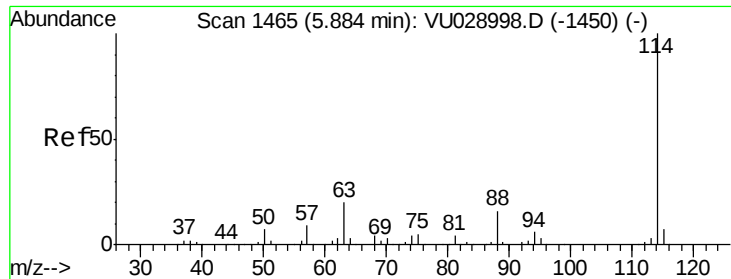


Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)

Time-->

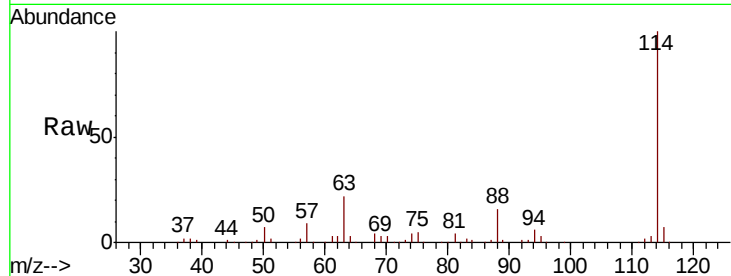




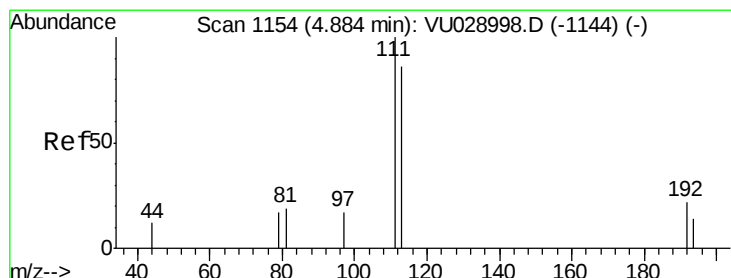
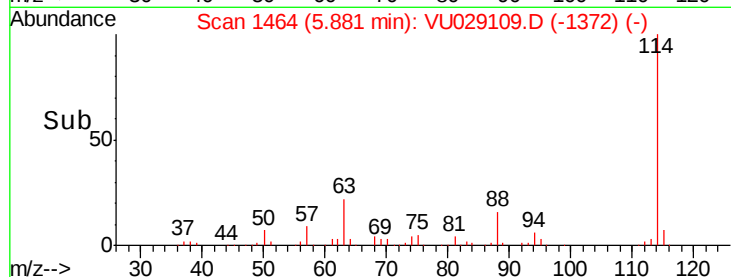
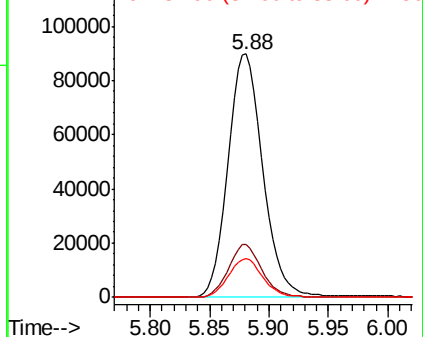
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU029109.D
 Acq: 10 Jan 2019 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 CPSB-16(20-25)ME

Tgt Ion:114 Resp: 182470
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.2
 88 16.0 0.0 30.4

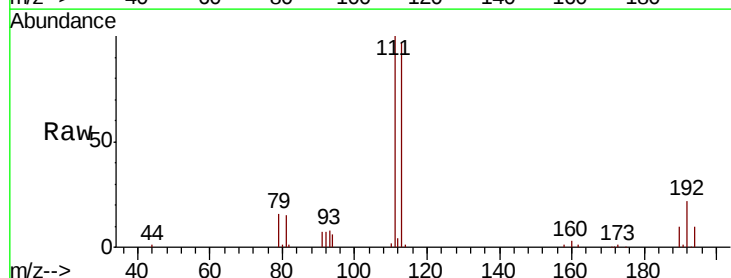


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

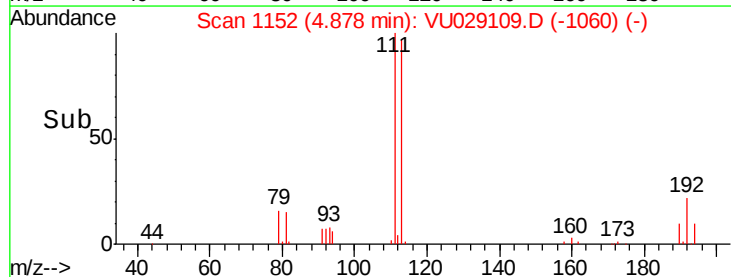
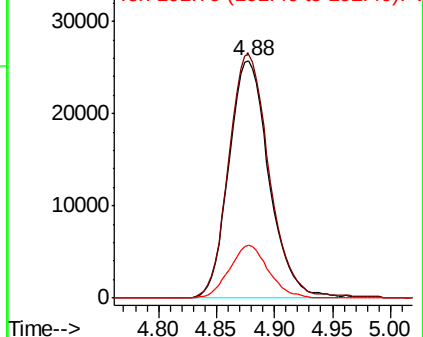


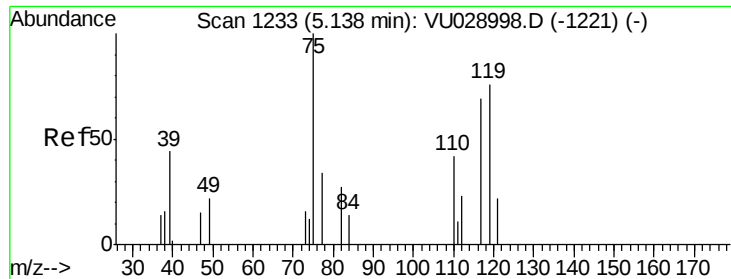
#35
 Dibromofluoromethane
 Concen: 52.165 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VU029109.D
 Acq: 10 Jan 2019 11:26

Tgt Ion:113 Resp: 61702
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.4 122.2
 192 21.7 16.8 25.2



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

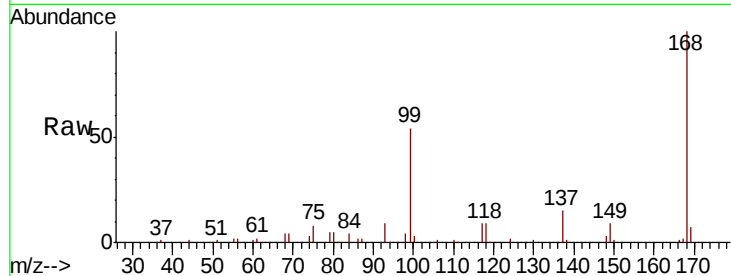




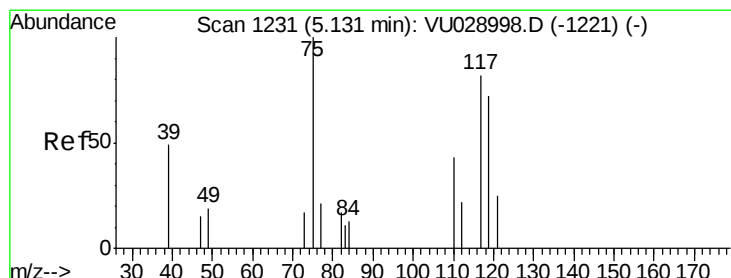
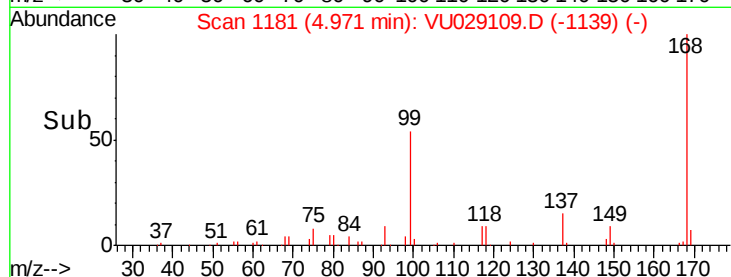
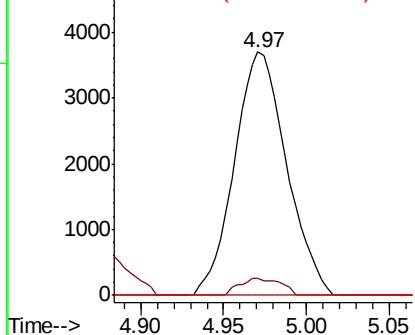
#36
 1,1-Dichloropropene
 Concen: 4.427 ug/l
 RT: 4.97 min Scan# 1181
 Delta R.T. -0.16 min
 Lab File: VU029109.D
 Acq: 10 Jan 2019 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 CPSB-16(20-25)ME

Tgt Ion: 75 Resp: 8075
 Ion Ratio Lower Upper
 75 100
 110 5.5 18.4 55.4#
 77 0.0 25.1 37.7#

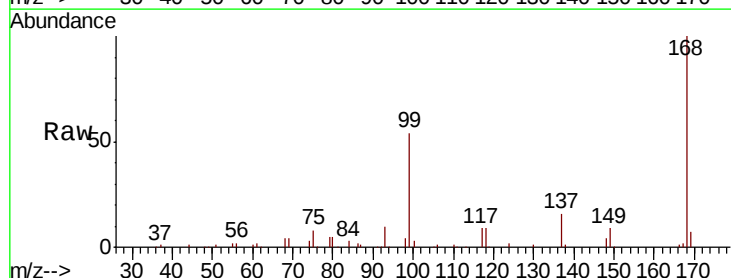


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

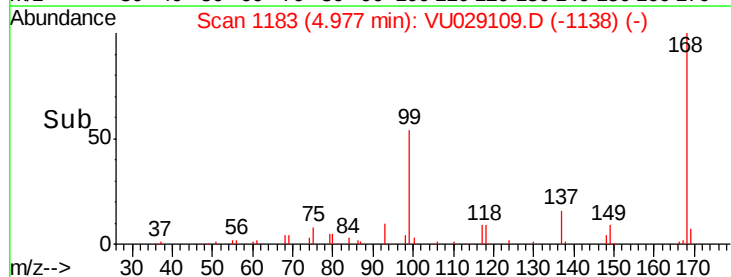
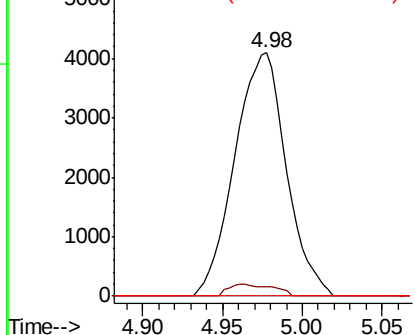


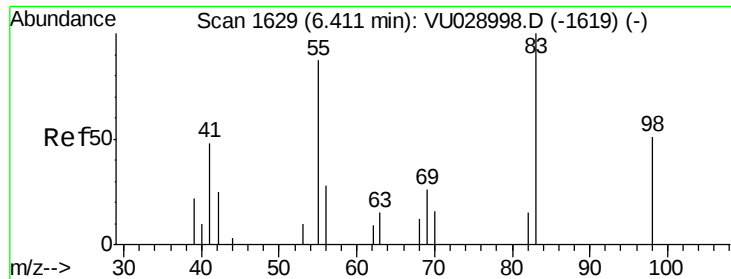
#38
 Carbon Tetrachloride
 Concen: 5.920 ug/l
 RT: 4.98 min Scan# 1183
 Delta R.T. -0.15 min
 Lab File: VU029109.D
 Acq: 10 Jan 2019 11:26

Tgt Ion: 117 Resp: 9006
 Ion Ratio Lower Upper
 117 100
 119 4.0 74.6 111.8#
 121 0.0 25.0 37.6#



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

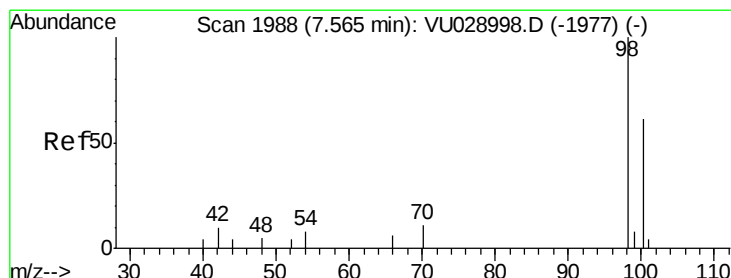
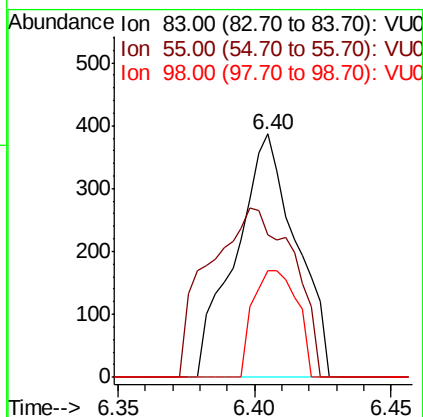
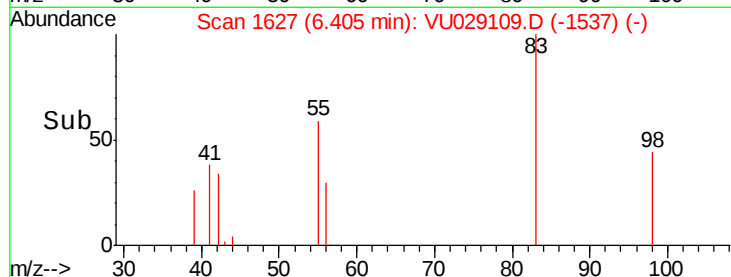
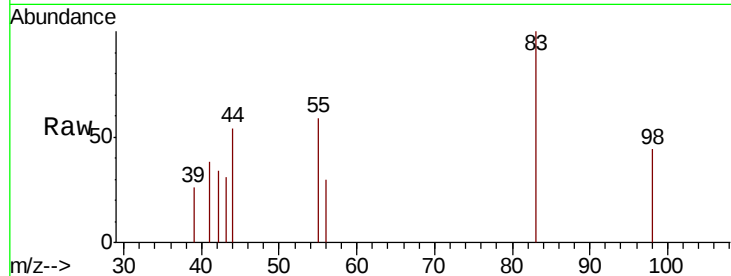




#39
Methylcyclohexane
Concen: 0.265 ug/l
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU029109.D
Acq: 10 Jan 2019 11:26

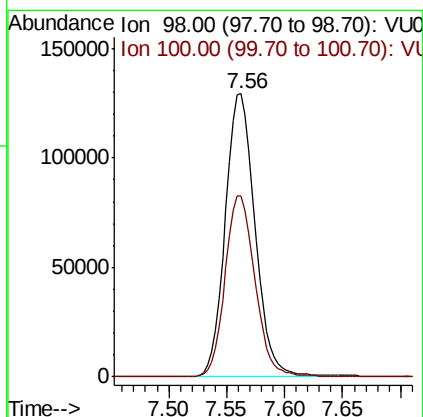
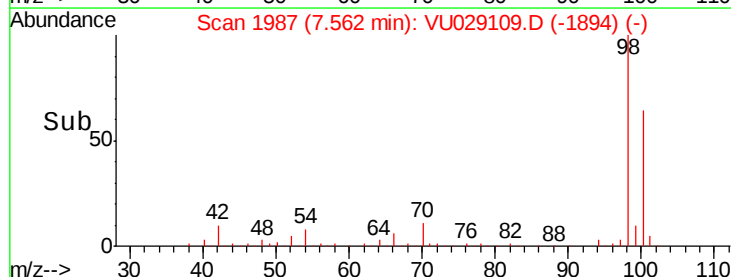
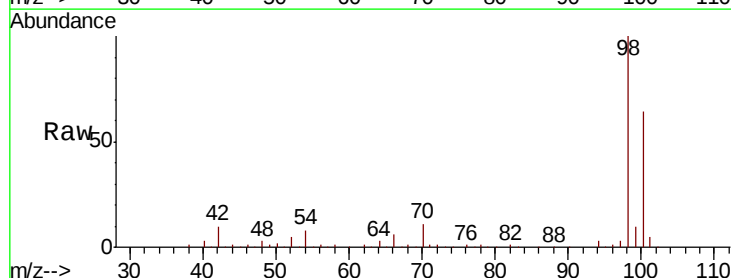
Instrument :
MSVOA_U
ClientSampleId :
CPSB-16(20-25)ME

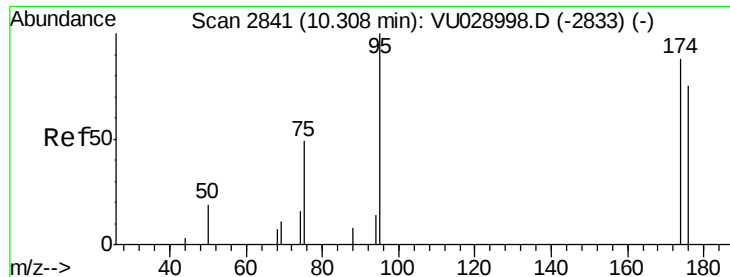
Tgt Ion: 83 Resp: 594
Ion Ratio Lower Upper
83 100
55 58.7 62.4 93.6#
98 43.9 36.2 54.2



#50
Toluene-d8
Concen: 49.513 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029109.D
Acq: 10 Jan 2019 11:26

Tgt Ion: 98 Resp: 231209
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 49.399 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU029109.D

Acq: 10 Jan 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

CPSB-16(20-25)ME

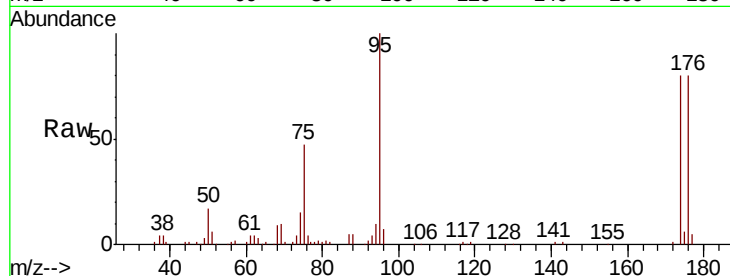
Tgt Ion: 95 Resp: 82901

Ion Ratio Lower Upper

95 100

174 82.8 0.0 170.6

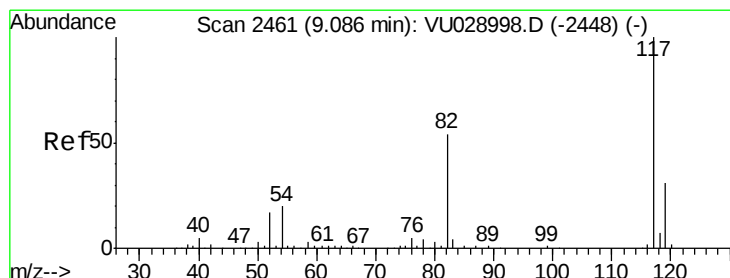
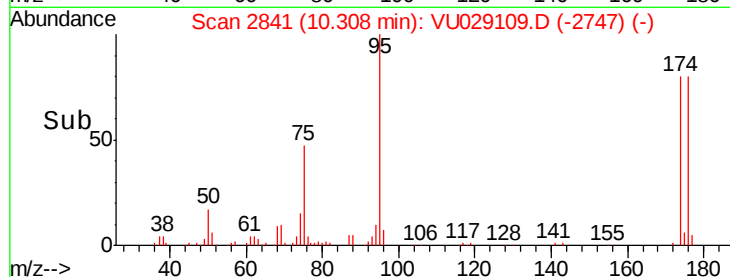
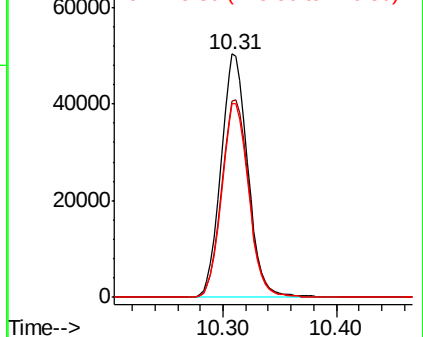
176 80.1 0.0 165.0



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: VU029109.D

Acq: 10 Jan 2019 11:26

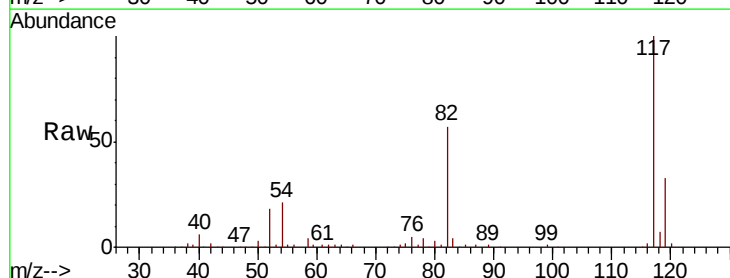
Tgt Ion: 117 Resp: 173915

Ion Ratio Lower Upper

117 100

82 57.0 43.9 65.9

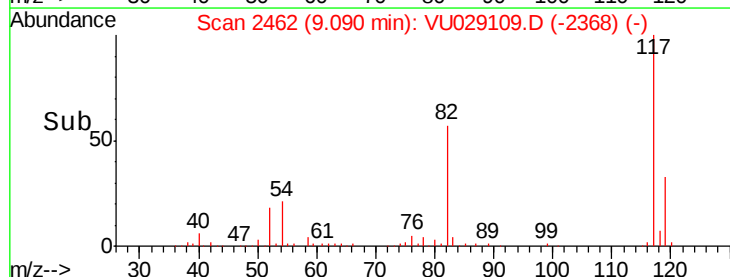
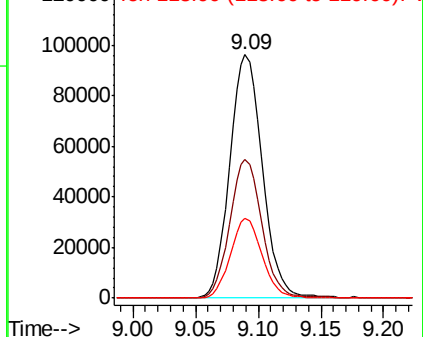
119 32.9 26.0 39.0

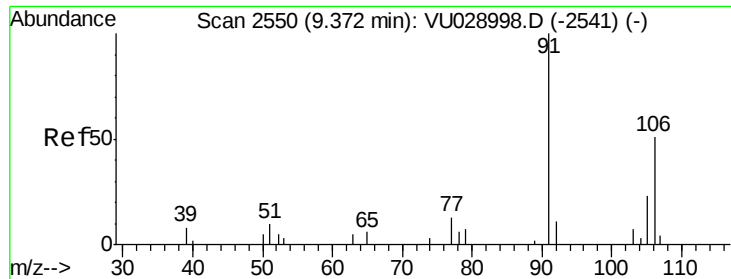


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

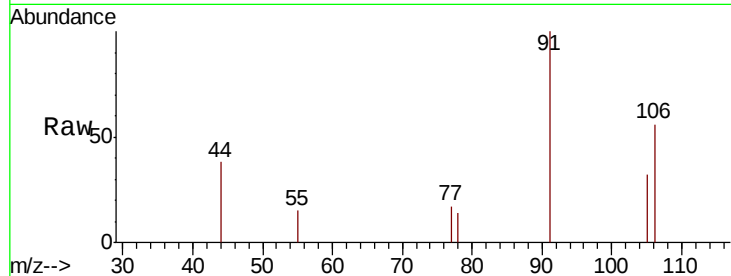




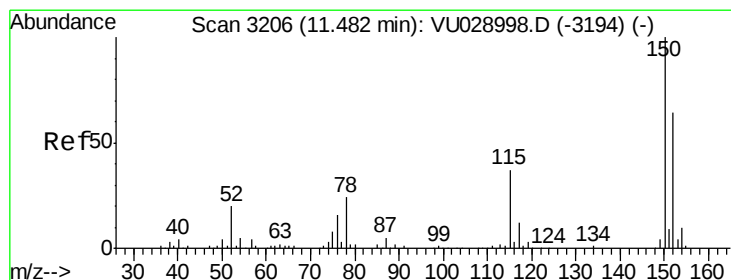
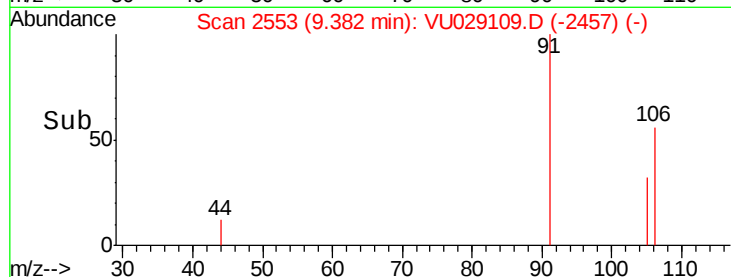
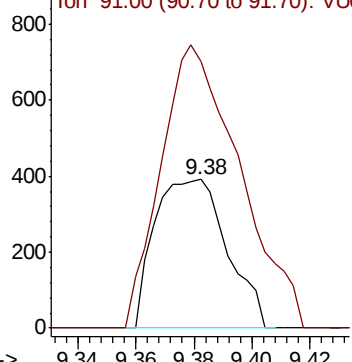
#68
m/p-Xylenes
Concen: 0.268 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU029109.D
Acq: 10 Jan 2019 11:26

Instrument :
MSVOA_U
ClientSampleId :
CPSB-16(20-25)ME

Tgt Ion:106 Resp: 679
Ion Ratio Lower Upper
106 100
91 207.2 161.7 242.5

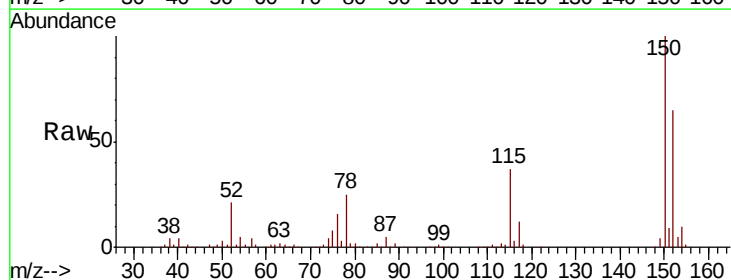


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

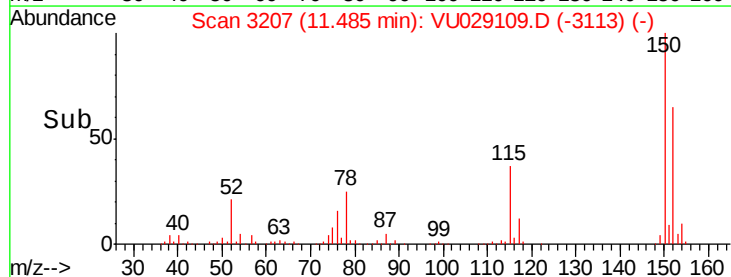
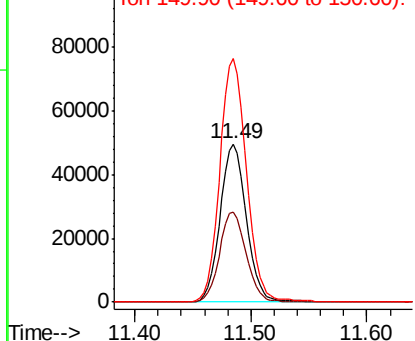


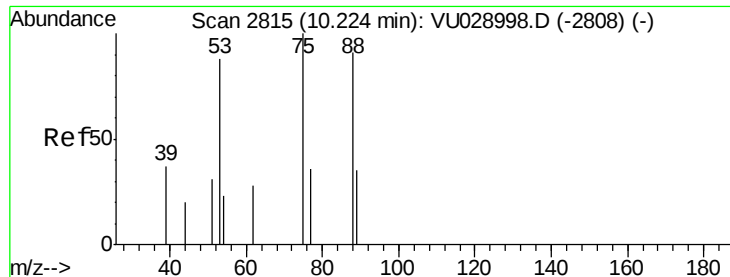
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU029109.D
Acq: 10 Jan 2019 11:26

Tgt Ion:152 Resp: 78198
Ion Ratio Lower Upper
152 100
115 57.4 40.1 120.3
150 155.4 0.0 345.2



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: 20.296 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.18 min

Lab File: VU029109.D

Acq: 10 Jan 2019 11:26

Instrument :

MSVOA_U

ClientSampleId :

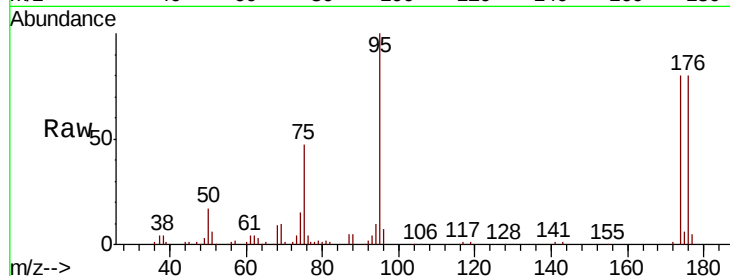
CPSB-16(20-25)ME

Tgt Ion: 75 Resp: 38886

Ion Ratio Lower Upper

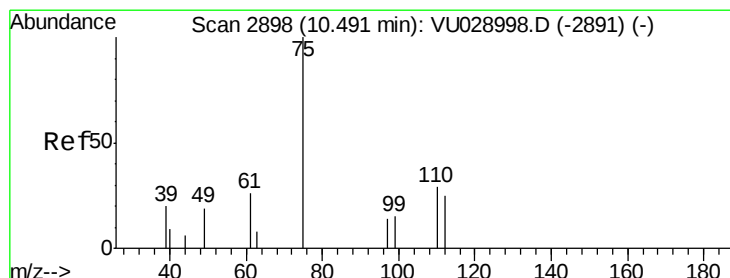
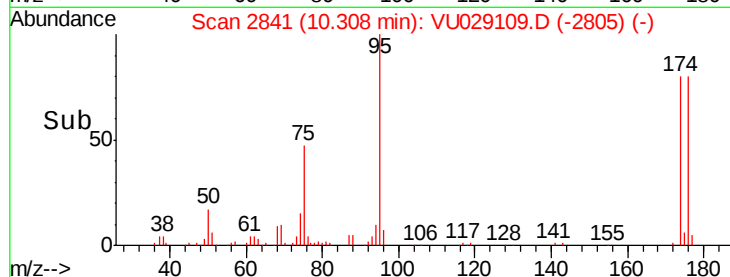
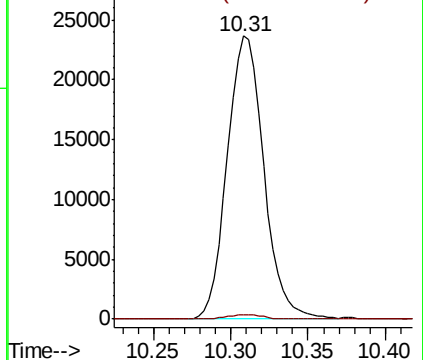
75 100

77 1.4 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 52.344 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU029109.D

Acq: 10 Jan 2019 11:26

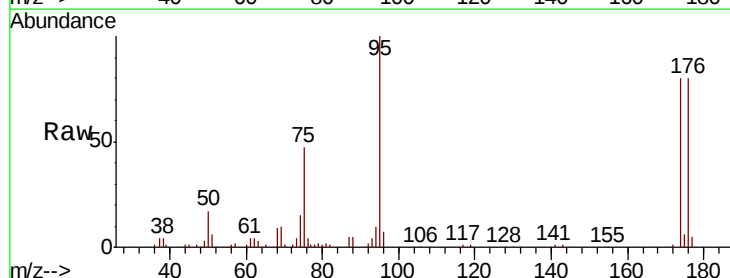
Tgt Ion: 75 Resp: 38886

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

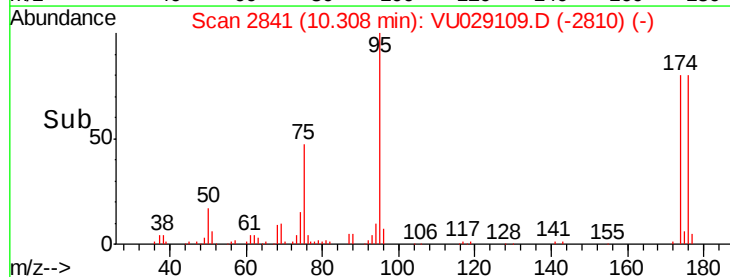
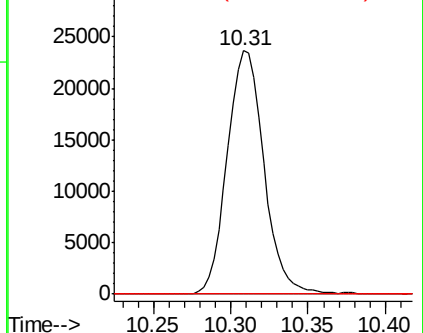
89 0.0 0.0 0.0

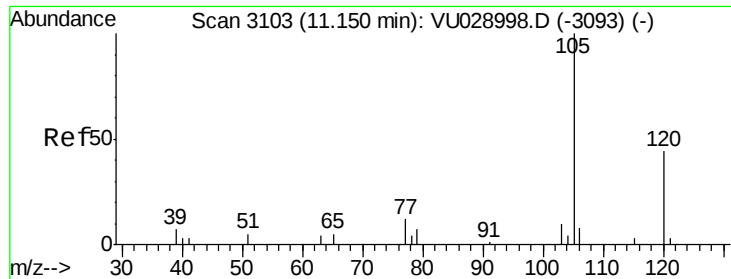


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.390 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU029109.D
 Acq: 10 Jan 2019 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 CPSB-16(20-25)ME

Tgt Ion:105 Resp: 1882
 Ion Ratio Lower Upper
 105 100
 120 42.3 23.1 69.3

