

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029106.D
 Acq On : 10 Jan 2019 10:13
 Operator : MD/SY
 Sample : VU0110MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBL01

Quant Time: Jan 11 02:44:25 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	4.98	168	104231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	184682	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67827	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74478	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
35) Dibromofluoromethane	4.88	113	64748	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	7.56	98	233437	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	10.30	95	72309	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	

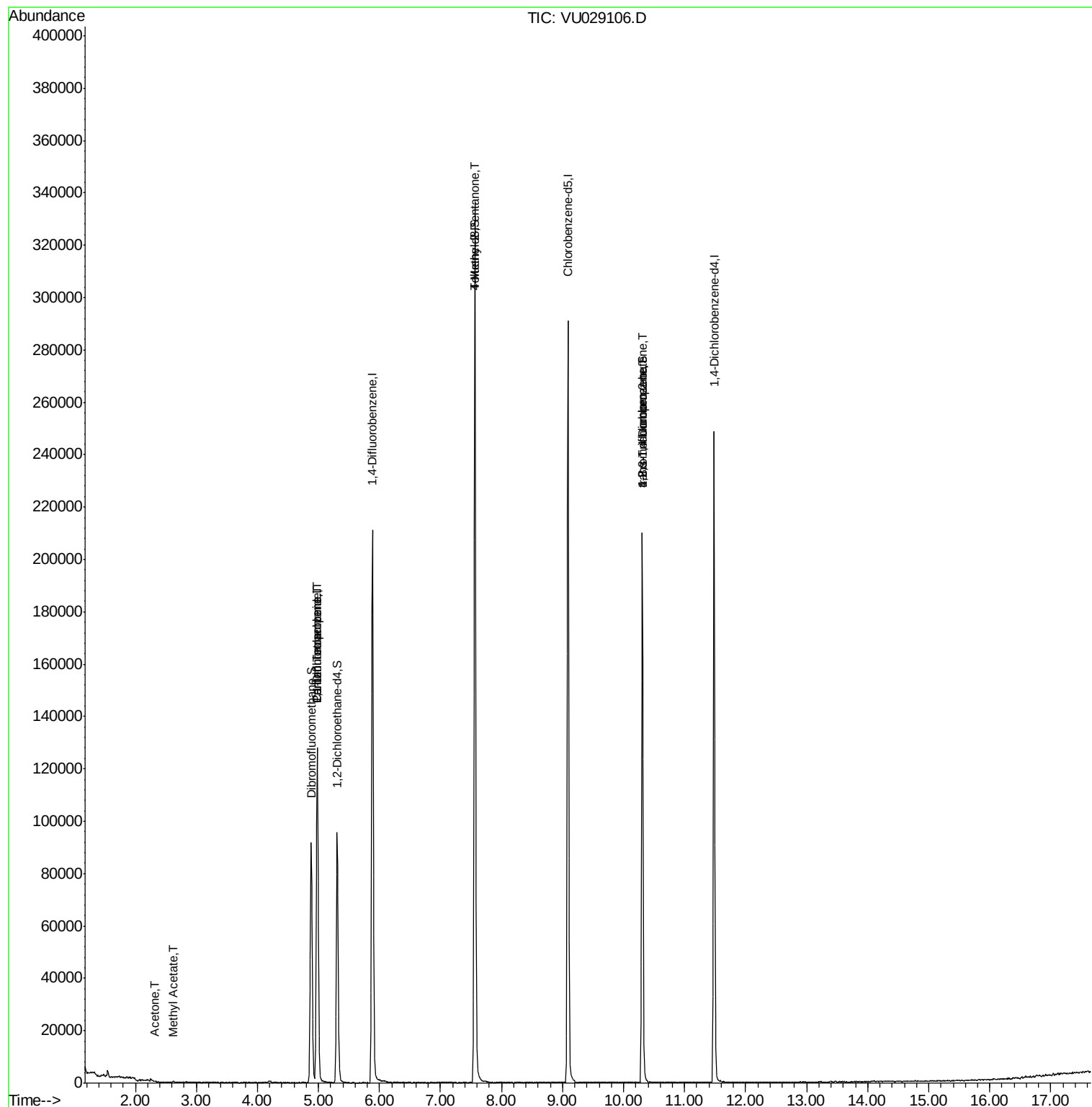
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	597	Below Cal		97
5) Bromomethane	1.64	94	86	Below Cal	#	2
16) Acetone	2.32	43	252	0.310	ug/l #	39
17) Carbon Disulfide	2.48	76	220	Below Cal	#	75
18) Methyl Acetate	2.62	43	638	0.338	ug/l #	51
31) Cyclohexane	4.97	56	1810	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7787	4.218	ug/l #	46
38) Carbon Tetrachloride	4.98	117	9400	6.105	ug/l #	17
51) 4-Methyl-2-Pentanone	7.56	43	1029	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	34619	20.831	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	34619	53.725	ug/l #	100

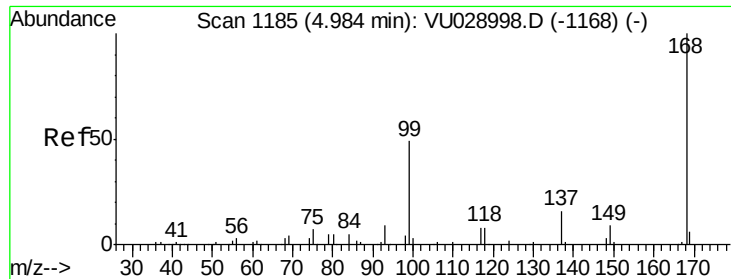
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
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Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029106.D

Acq: 10 Jan 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

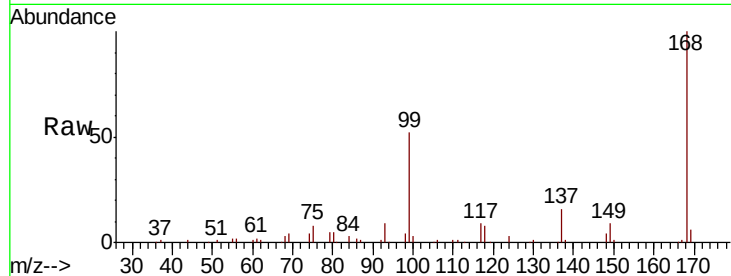
VU0110MBL01

Tgt Ion:168 Resp: 104231

Ion Ratio Lower Upper

168 100

99 52.0 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

50000

40000

30000

20000

10000

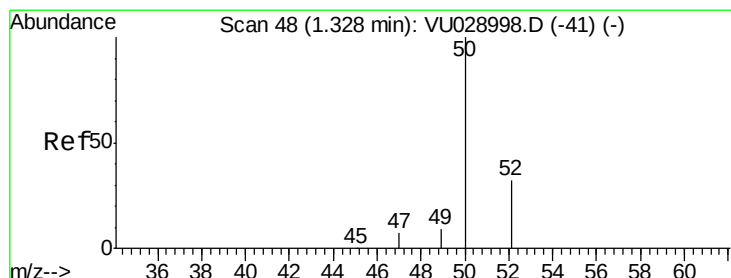
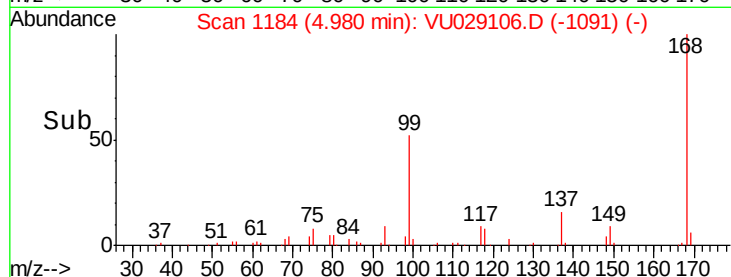
0

4.90

5.00

5.10

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029106.D

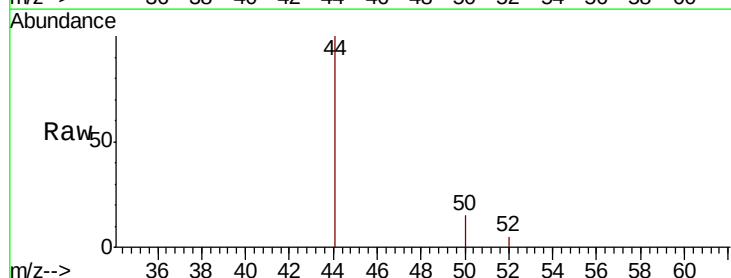
Acq: 10 Jan 2019 10:13

Tgt Ion: 50 Resp: 597

Ion Ratio Lower Upper

50 100

52 34.4 26.1 39.1



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

Ion 51.90 (51.60 to 52.60): VU028998.D (-41) (-)

1.33

600

500

400

300

200

100

0

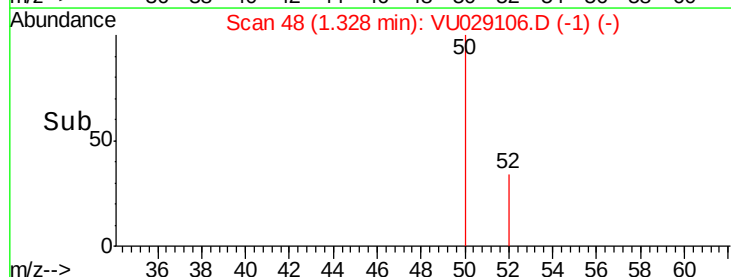
1.30

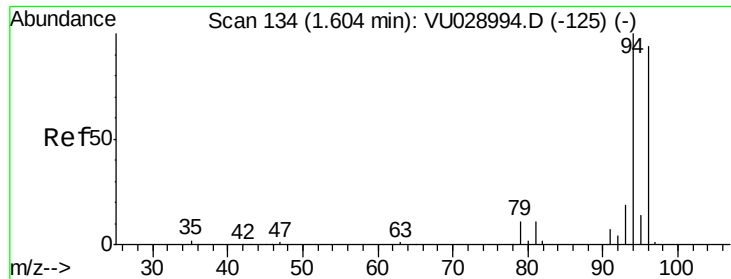
1.32

1.34

1.36

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 144

Delta R.T. 0.03 min

Lab File: VU029106.D

Acq: 10 Jan 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

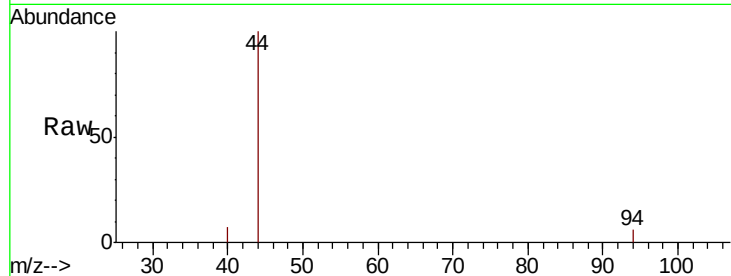
VU0110MBL01

Tgt Ion: 94 Resp: 86

Ion Ratio Lower Upper

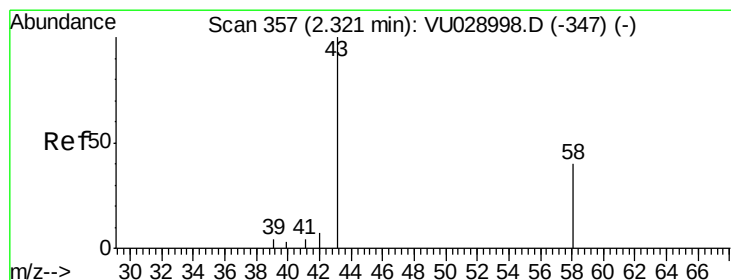
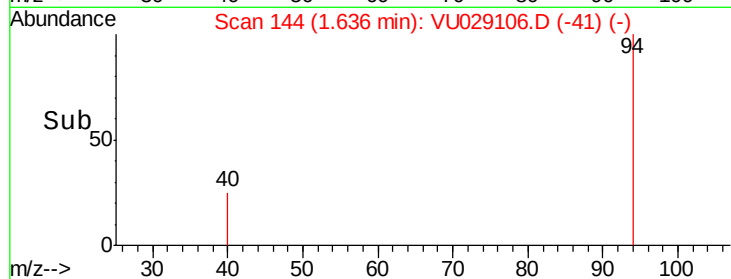
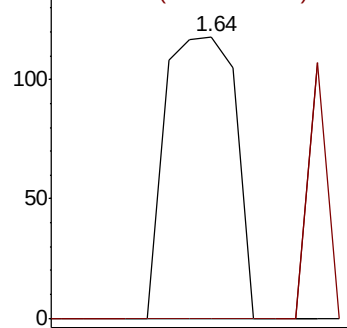
94 100

96 0.0 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#16

Acetone

Concen: 0.310 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029106.D

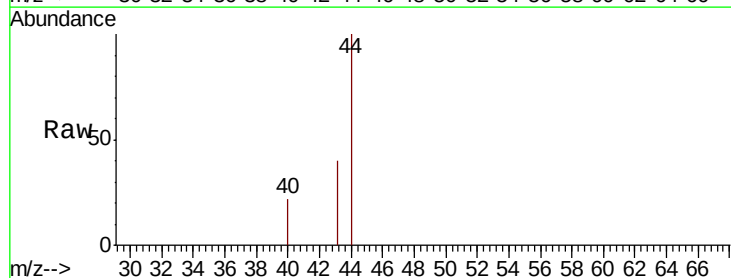
Acq: 10 Jan 2019 10:13

Tgt Ion: 43 Resp: 252

Ion Ratio Lower Upper

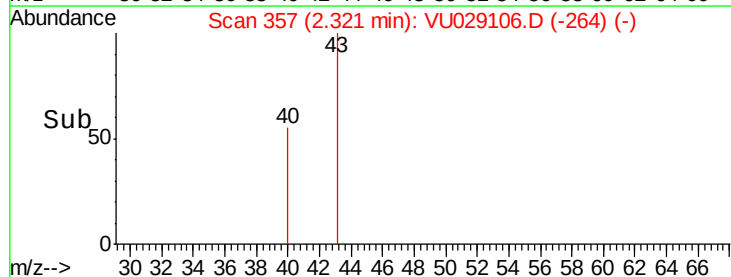
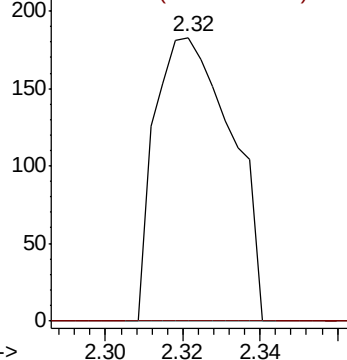
43 100

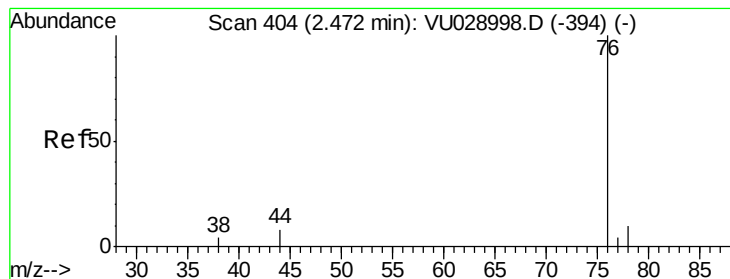
58 0.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029106.D

Acq: 10 Jan 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

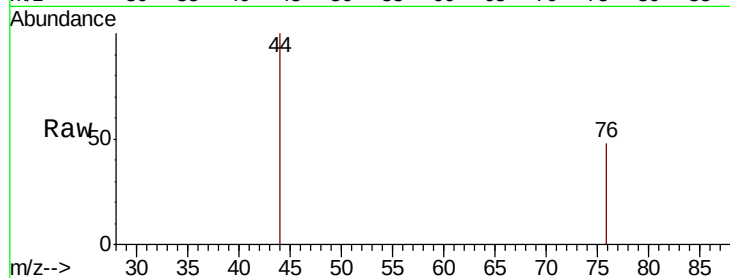
VU0110MBL01

Tgt Ion: 76 Resp: 220

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

2.48

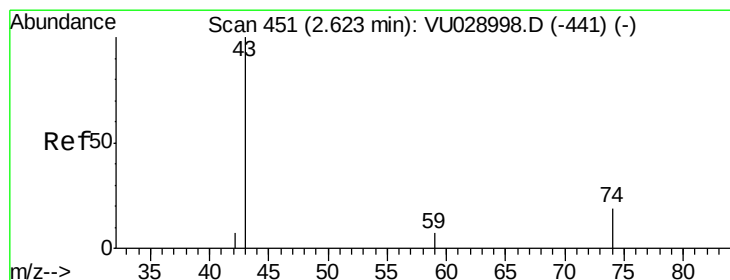
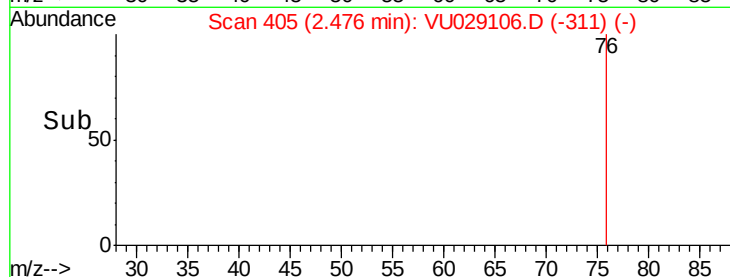
150

100

50

0

Time-->



#18

Methyl Acetate

Concen: 0.338 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU029106.D

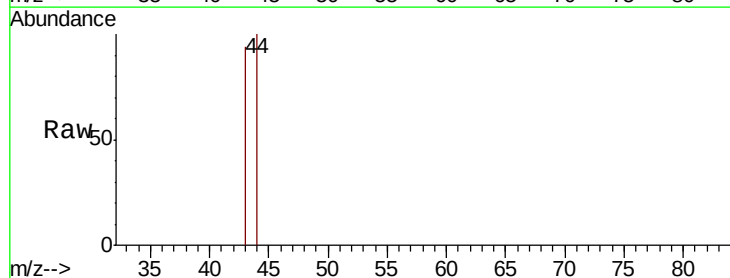
Acq: 10 Jan 2019 10:13

Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

400

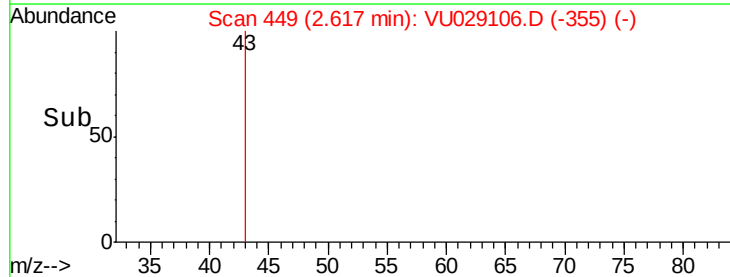
300

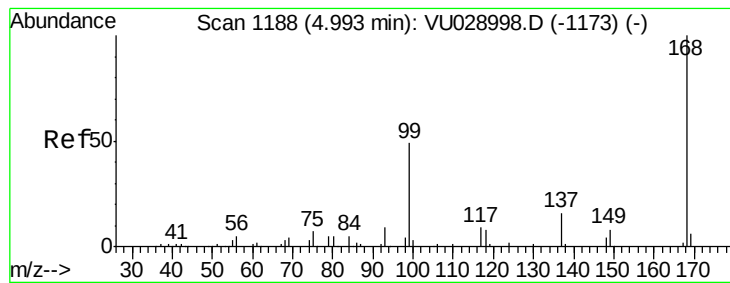
200

100

0

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 4.97 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VU029106.D

Acq: 10 Jan 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBL01

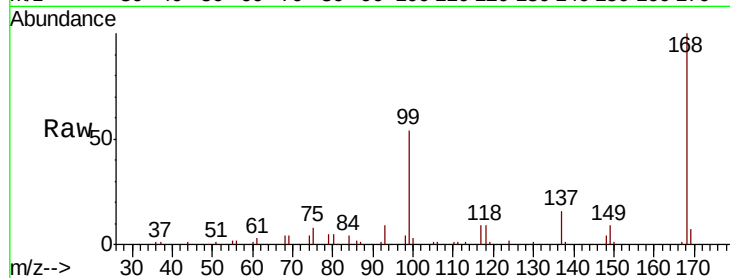
Tgt Ion: 56 Resp: 1810

Ion Ratio Lower Upper

56 100

69 188.8 26.7 40.1#

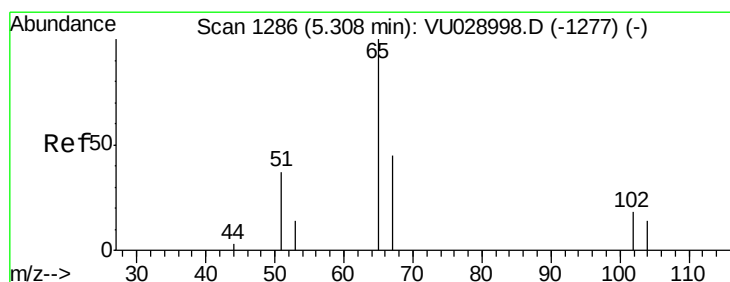
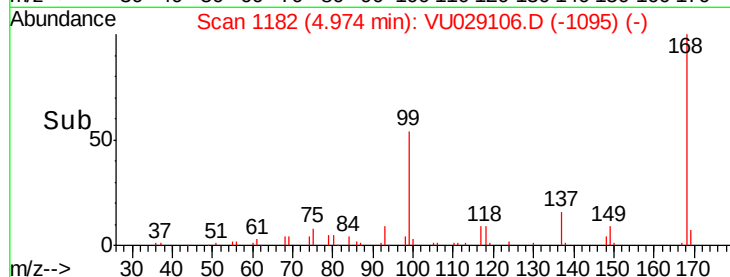
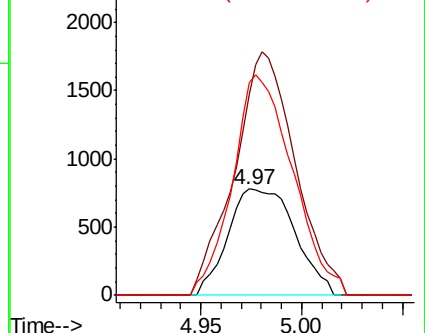
84 200.1 65.7 98.5#



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



#33

1,2-Dichloroethane-d4

Concen: 57.802 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029106.D

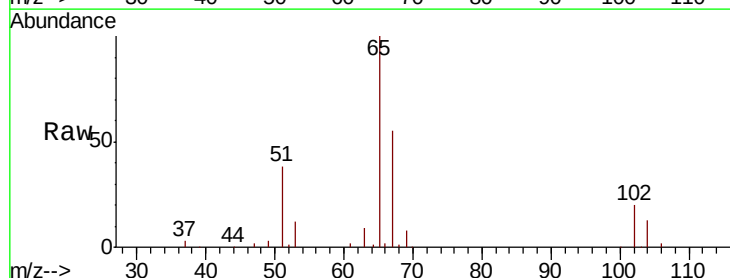
Acq: 10 Jan 2019 10:13

Tgt Ion: 65 Resp: 74478

Ion Ratio Lower Upper

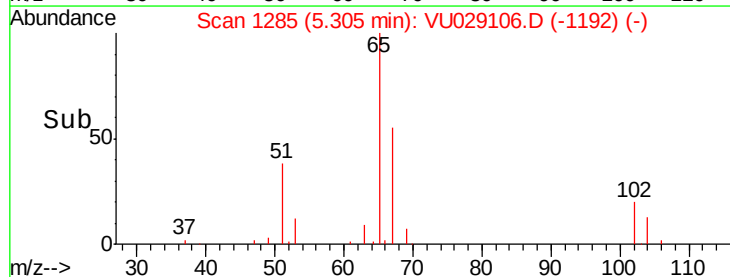
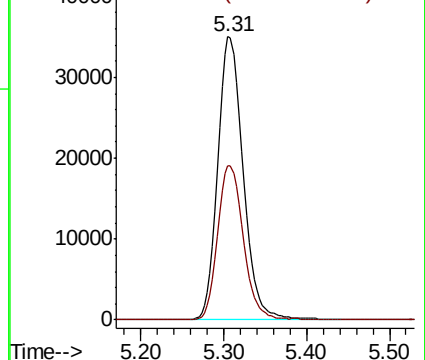
65 100

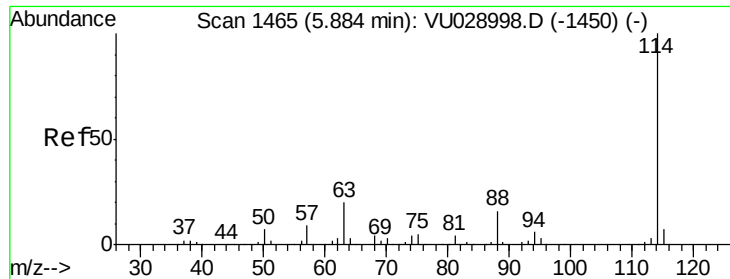
67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

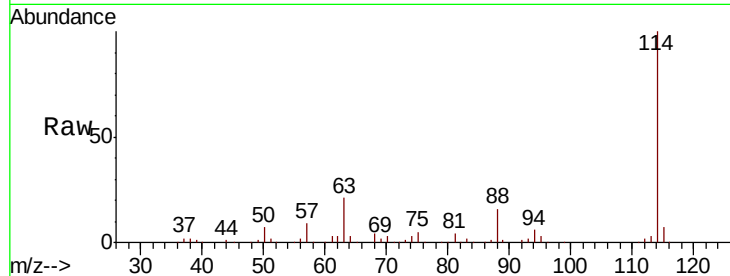




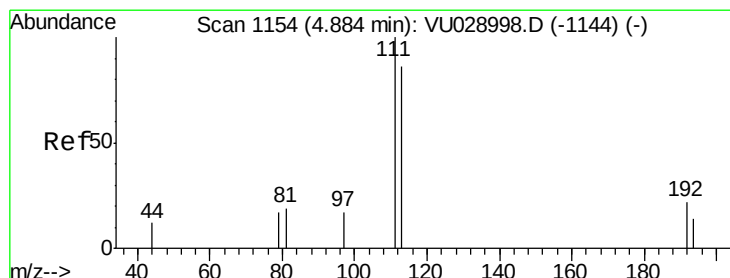
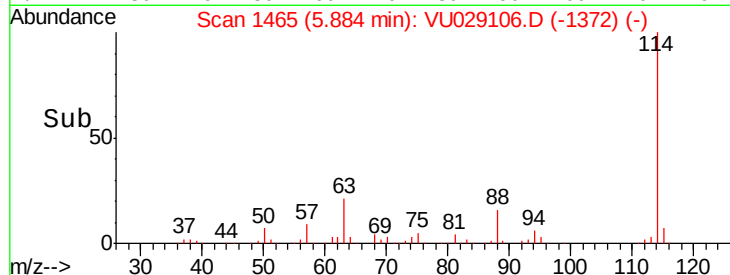
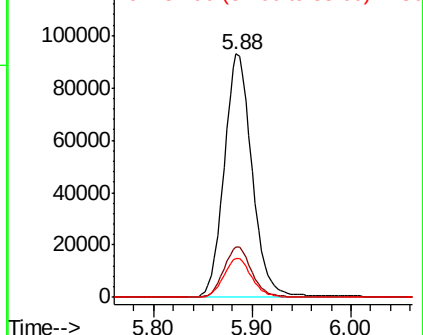
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029106.D
 Acq: 10 Jan 2019 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBL01

Tgt Ion:114 Resp: 184682
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.2
 88 16.1 0.0 30.4

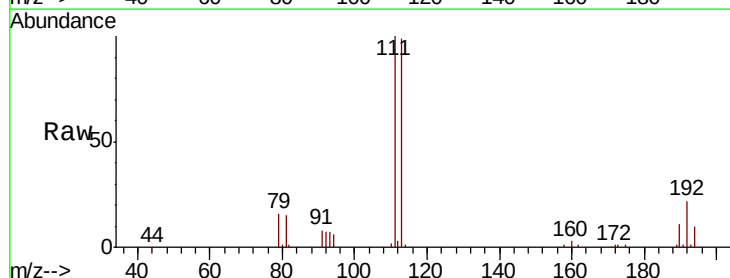


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

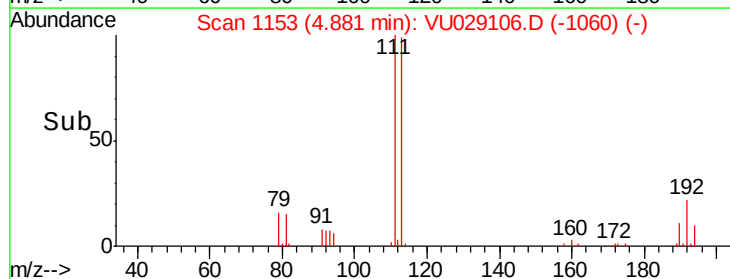
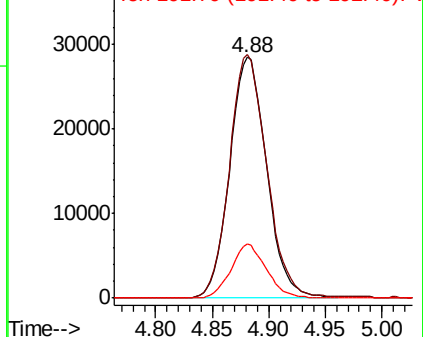


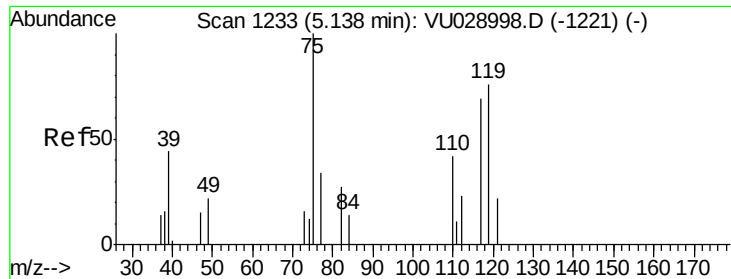
#35
 Dibromofluoromethane
 Concen: 54.085 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029106.D
 Acq: 10 Jan 2019 10:13

Tgt Ion:113 Resp: 64748
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.2
 192 21.3 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

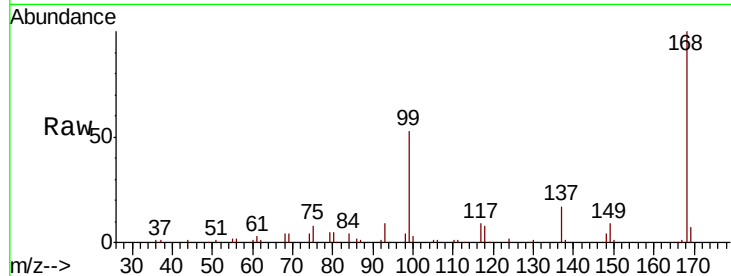




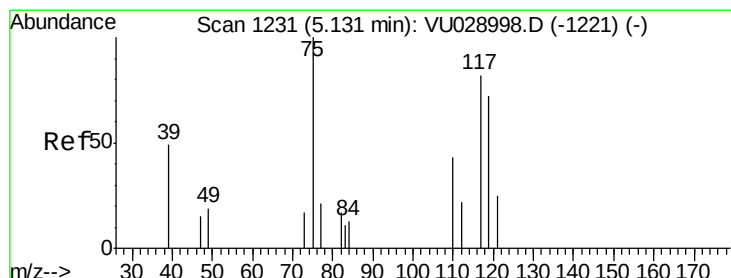
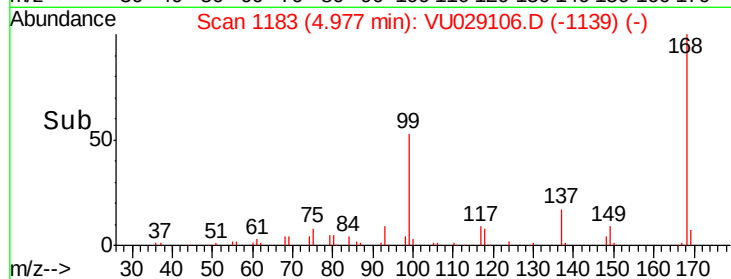
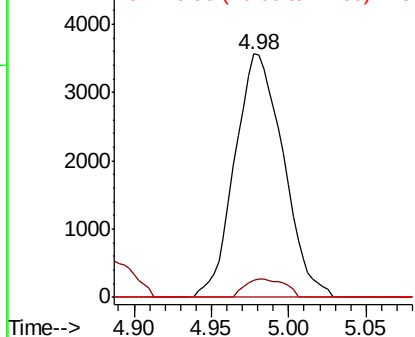
#36
 1,1-Dichloropropene
 Concen: 4.218 ug/l
 RT: 4.98 min Scan# 1183
 Delta R.T. -0.16 min
 Lab File: VU029106.D
 Acq: 10 Jan 2019 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0110MBL01

Tgt Ion: 75 Resp: 7787
 Ion Ratio Lower Upper
 75 100
 110 6.1 18.4 55.4#
 77 0.0 25.1 37.7#

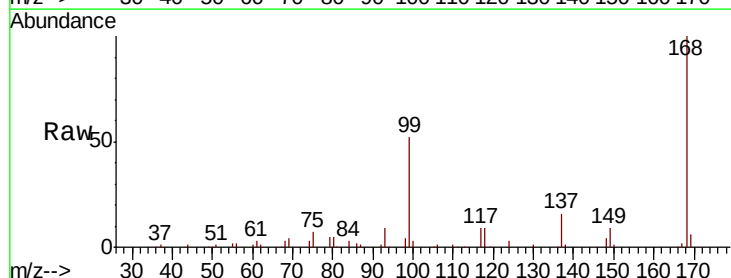


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

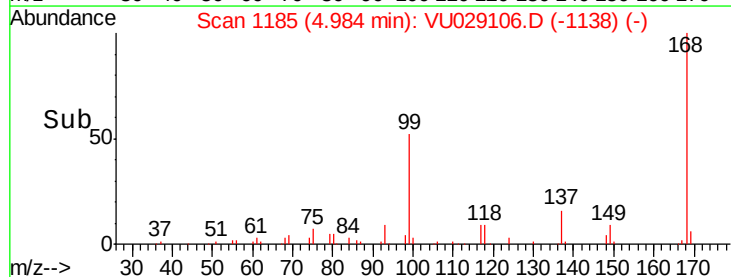
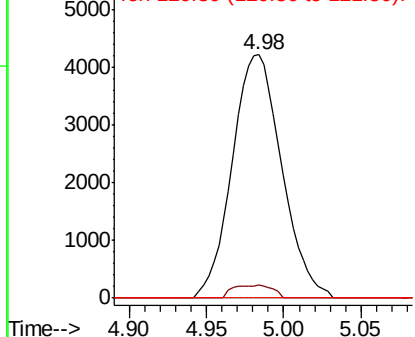


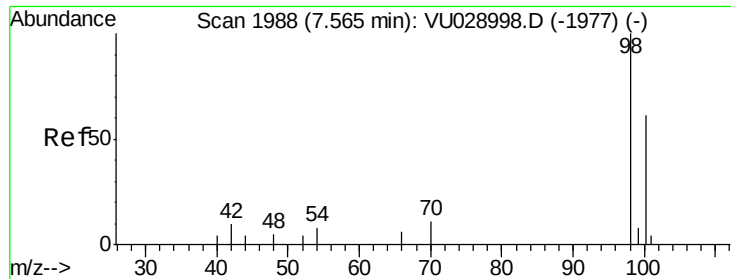
#38
 Carbon Tetrachloride
 Concen: 6.105 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029106.D
 Acq: 10 Jan 2019 10:13

Tgt Ion: 117 Resp: 9400
 Ion Ratio Lower Upper
 117 100
 119 5.2 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

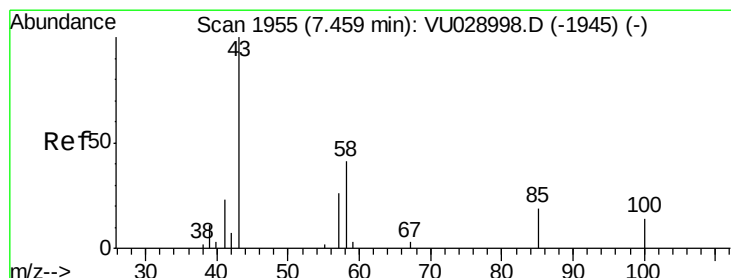
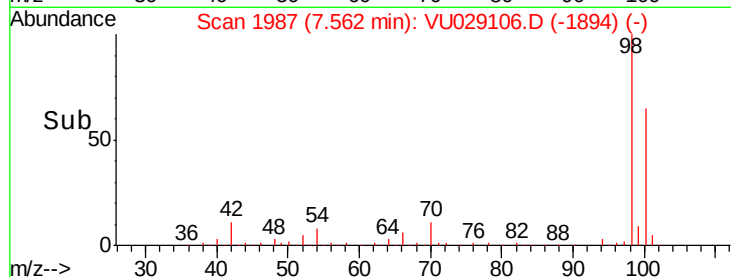
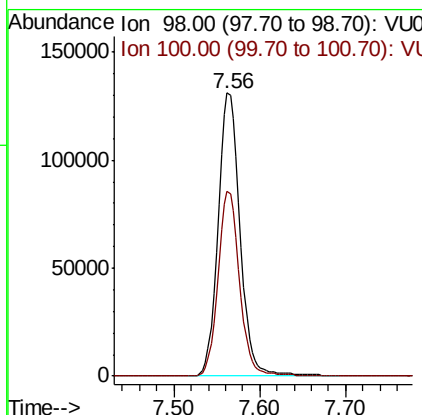
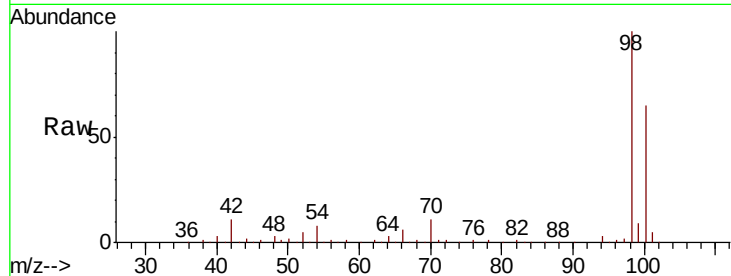




#50
Toluene-d8
Concen: 49.392 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029106.D
Acq: 10 Jan 2019 10:13

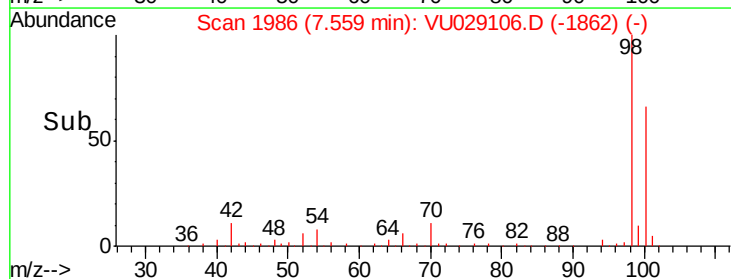
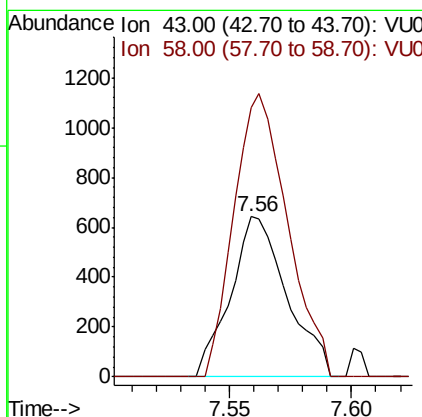
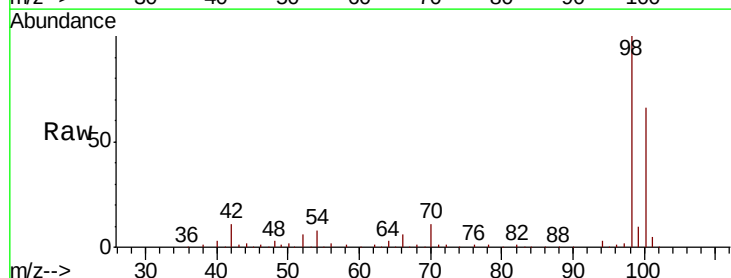
Instrument :
MSVOA_U
ClientSampleId :
VU0110MBL01

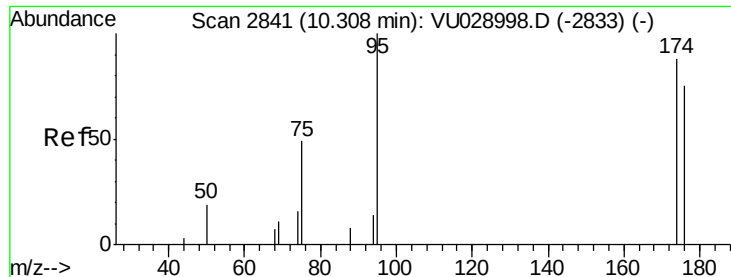
Tgt Ion: 98 Resp: 233437
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 7.56 min Scan# 1986
Delta R.T. 0.10 min
Lab File: VU029106.D
Acq: 10 Jan 2019 10:13

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 168.4 33.9 50.9#

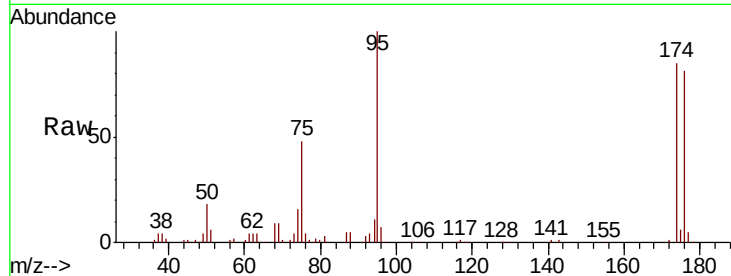




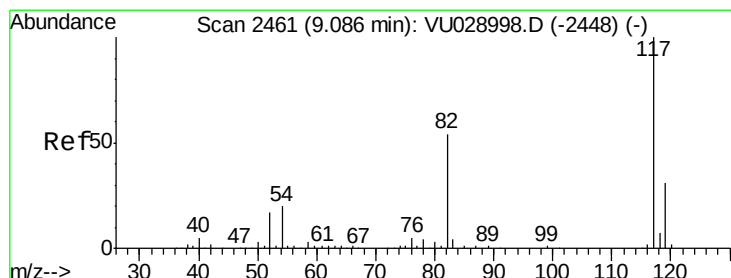
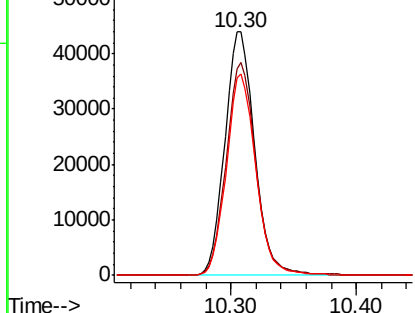
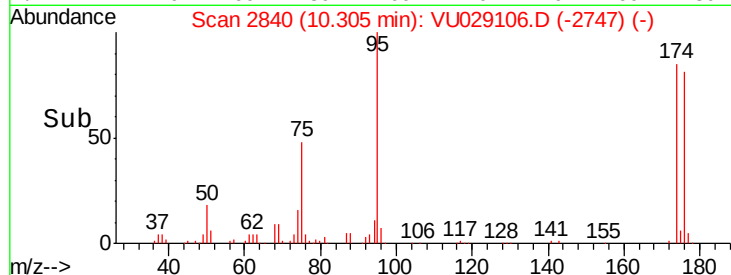
#62
4-Bromofluorobenzene
Concen: 42.572 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029106.D
Acq: 10 Jan 2019 10:13

Instrument :
MSVOA_U
ClientSampleId :
VU0110MBL01

Tgt Ion: 95 Resp: 72309
Ion Ratio Lower Upper
95 100
174 87.2 0.0 170.6
176 82.0 0.0 165.0

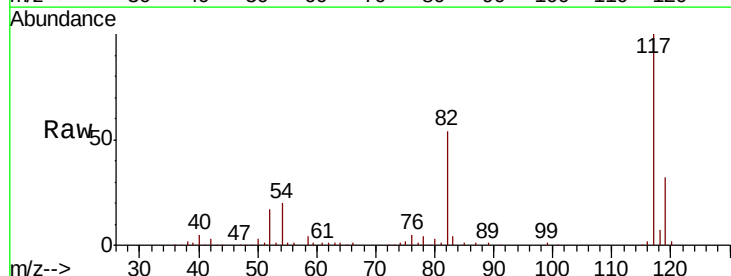


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

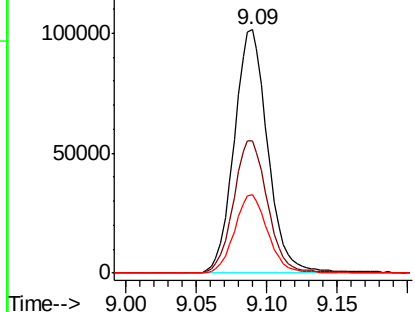
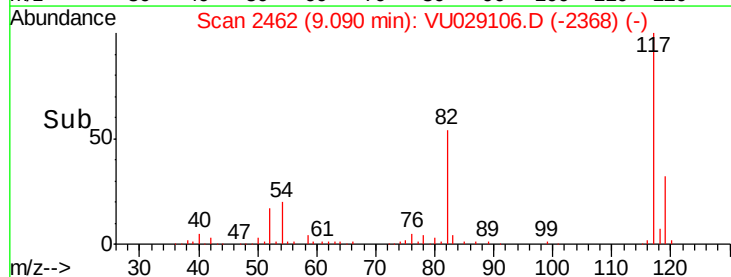


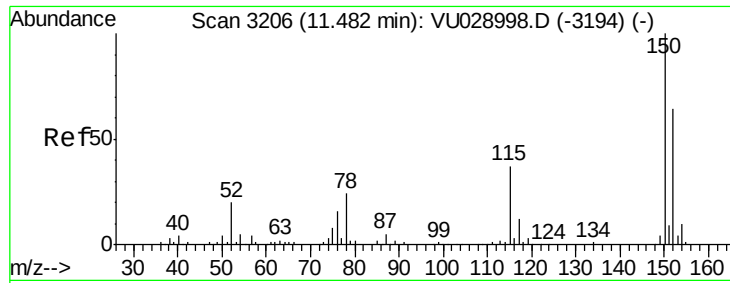
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029106.D
Acq: 10 Jan 2019 10:13

Tgt Ion: 117 Resp: 168701
Ion Ratio Lower Upper
117 100
82 54.2 43.9 65.9
119 32.0 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029106.D

Acq: 10 Jan 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBL01

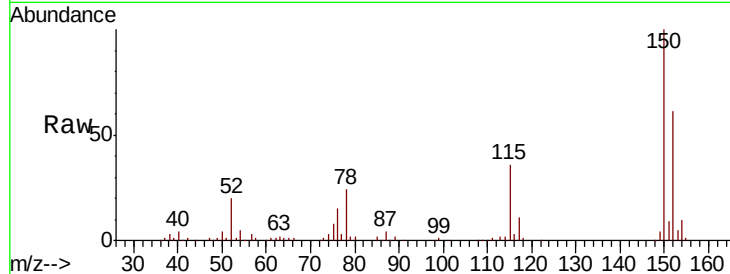
Tgt Ion:152 Resp: 67827

Ion Ratio Lower Upper

152 100

115 57.1 40.1 120.3

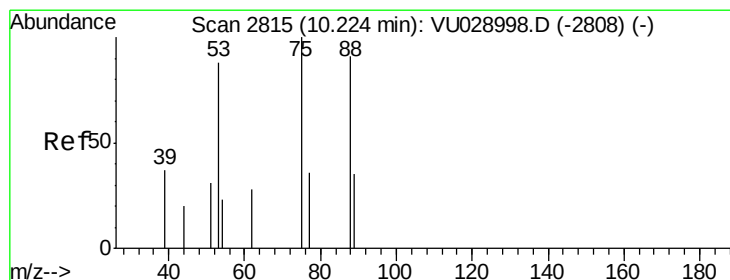
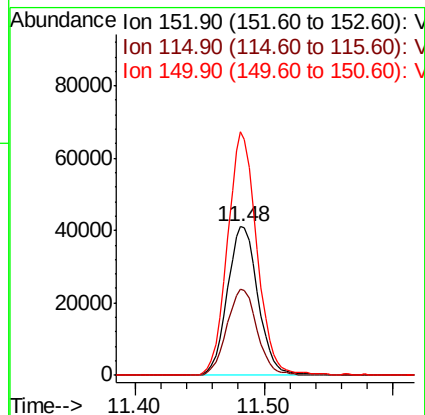
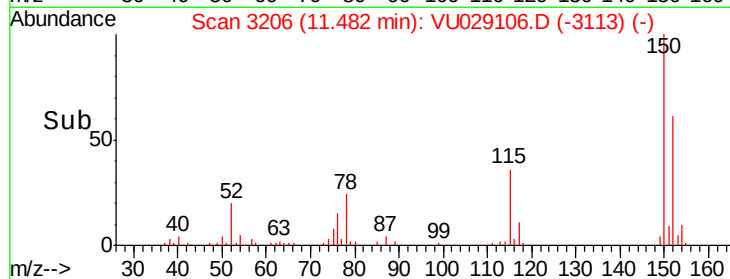
150 156.3 0.0 345.2



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: 20.831 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029106.D

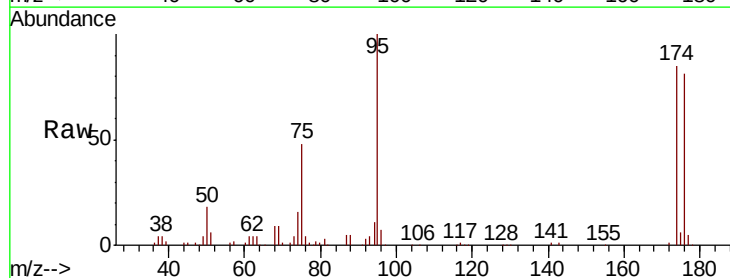
Acq: 10 Jan 2019 10:13

Tgt Ion: 75 Resp: 34619

Ion Ratio Lower Upper

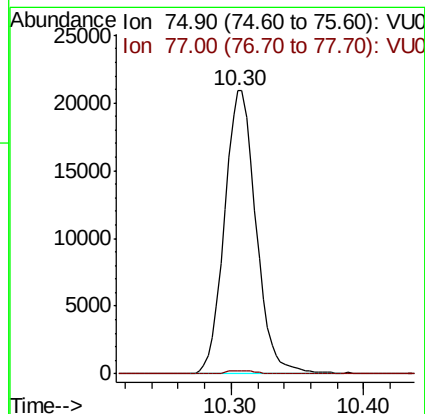
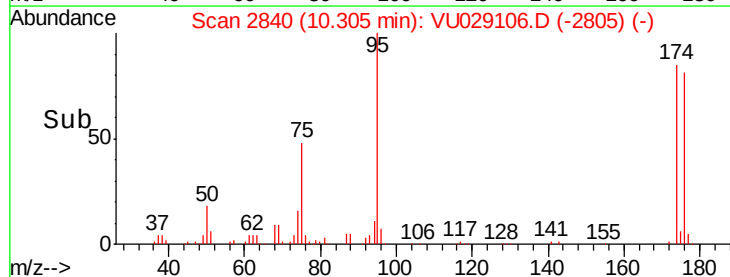
75 100

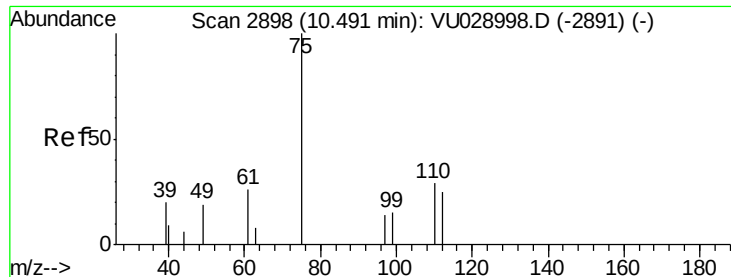
77 1.0 20.9 62.8#



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: 53.725 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029106.D

Acq: 10 Jan 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

VU0110MBL01

Tgt Ion: 75 Resp: 34619

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0

