

Data Path : Z:\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029123.D
 Acq On : 10 Jan 2019 17:29
 Operator : MD/SY
 Sample : I.BLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112

Quant Time: Jan 11 02:48:28 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

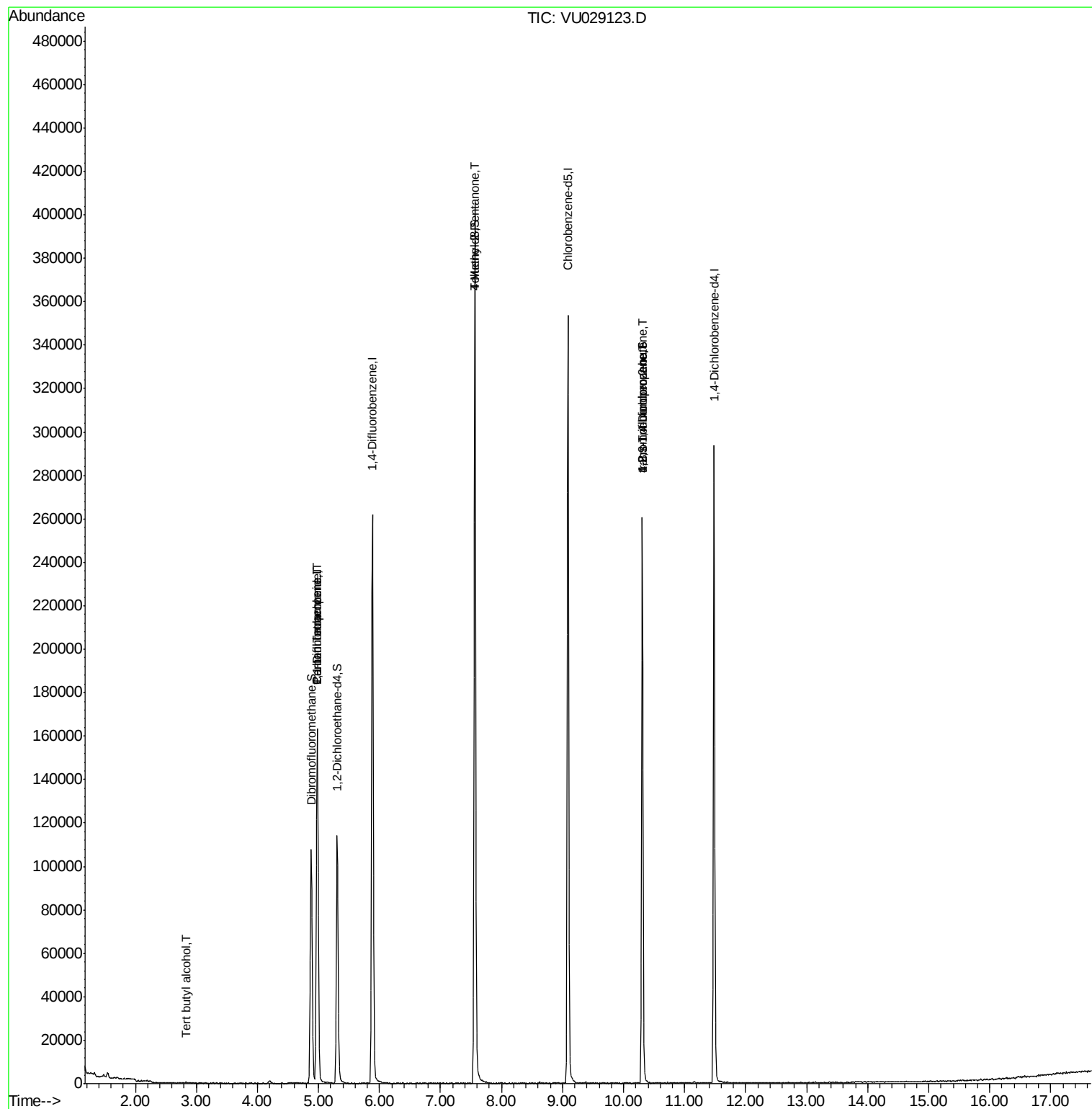
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	132549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	229051	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	204860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	86708	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	4.88	113	75735	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	7.56	98	283901	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	10.30	95	90940	43.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.34%	
Target Compounds						
3) Chloromethane	1.33	50	964	Below Cal		97
11) Tert butyl alcohol	2.83	59	387	0.929 ug/l #		73
17) Carbon Disulfide	2.48	76	80	Below Cal #		75
31) Cyclohexane	4.98	56	2267	Below Cal #		1
36) 1,1-Dichloropropene	4.98	75	9335	4.077 ug/l #		46
38) Carbon Tetrachloride	4.98	117	11624	6.087 ug/l #		17
51) 4-Methyl-2-Pentanone	7.57	43	1109	0.423 ug/l #		1
76) 1,2,3-Trichloropropane	10.30	75	42921	21.520 ug/l #		36
81) trans-1,4-Dichloro-2-buten	10.30	75	42921	55.501 ug/l #		100

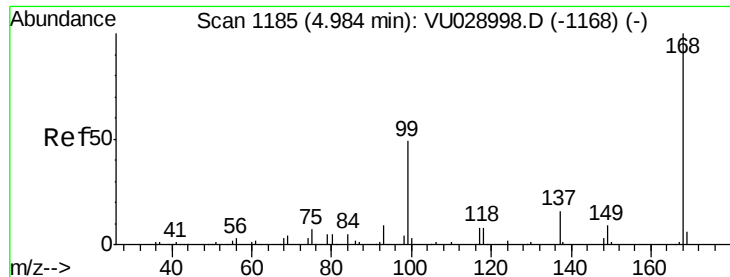
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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# 1185

Delta R.T. 0.00 min

Lab File: VU029123.D

Acq: 10 Jan 2019 17:29

Instrument :

MSVOA_U

ClientSampleId :

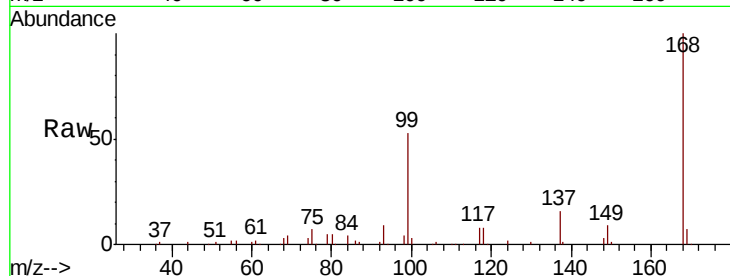
VU0112

Tgt Ion:168 Resp: 132549

Ion Ratio Lower Upper

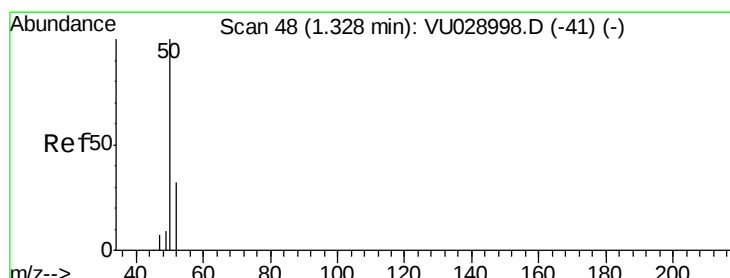
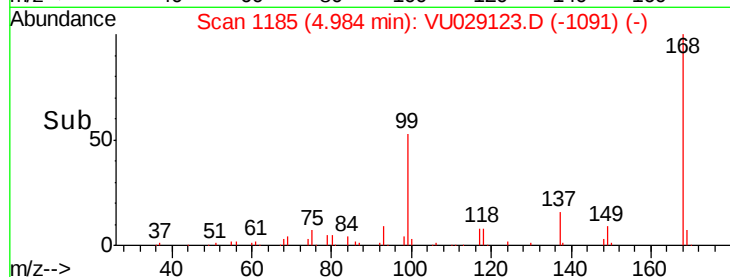
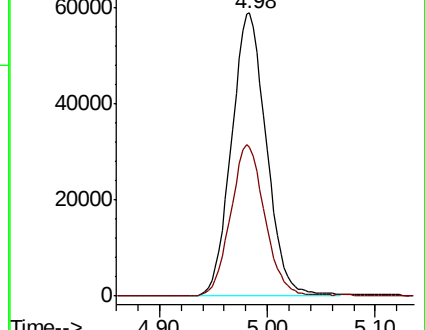
168 100

99 52.6 42.0 63.0



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

Ion 98.90 (98.60 to 99.60): VU029123.D (-1091) (-)



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029123.D

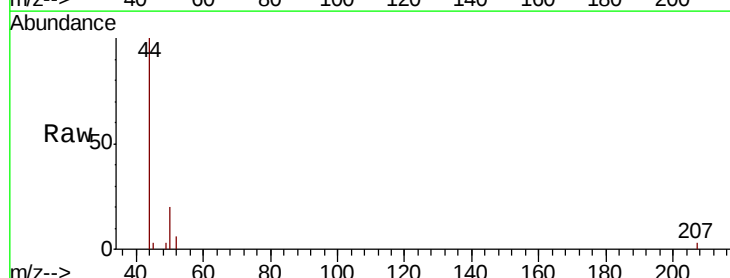
Acq: 10 Jan 2019 17:29

Tgt Ion: 50 Resp: 964

Ion Ratio Lower Upper

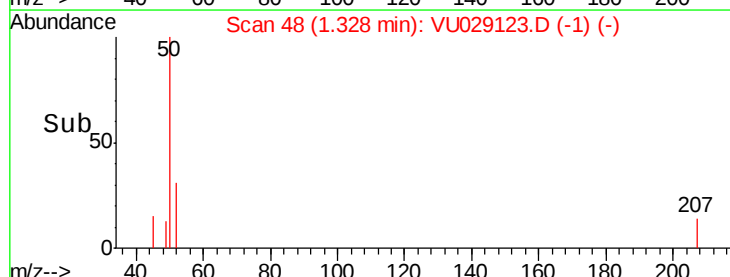
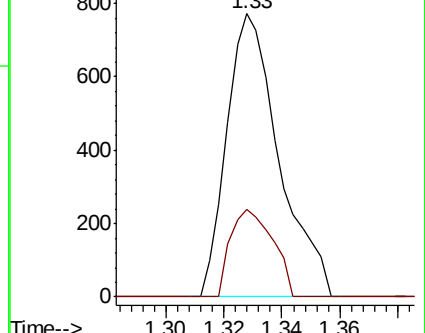
50 100

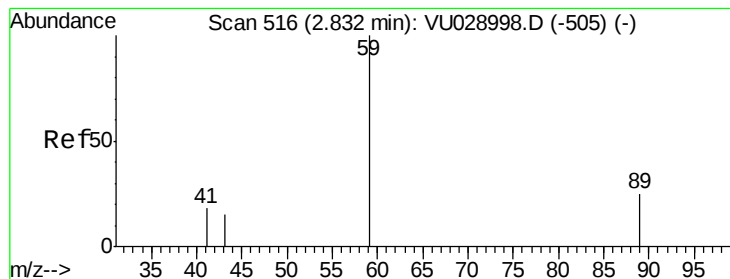
52 31.0 26.1 39.1



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

Ion 51.90 (51.60 to 52.60): VU029123.D (-1) (-)





#11

Tert butyl alcohol

Concen: 0.929 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.01 min

Lab File: VU029123.D

Acq: 10 Jan 2019 17:29

Instrument :

MSVOA_U

ClientSampleID :

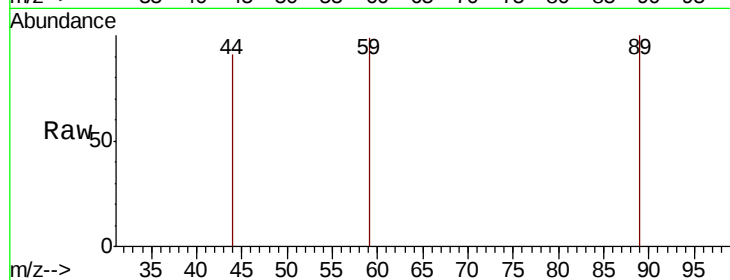
VU0112

Tgt Ion: 59 Resp: 387

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VU028998.D (-505) (-)

Ion 57.00 (56.70 to 57.70): VU028998.D (-505) (-)

2.83

250

200

150

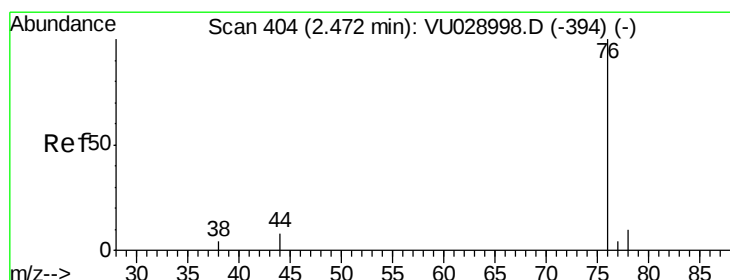
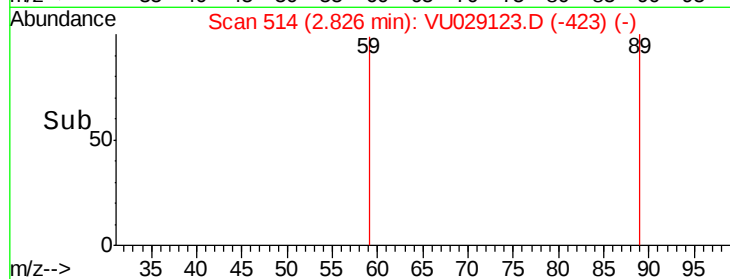
100

50

0

2.80 2.82 2.84 2.86

Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029123.D

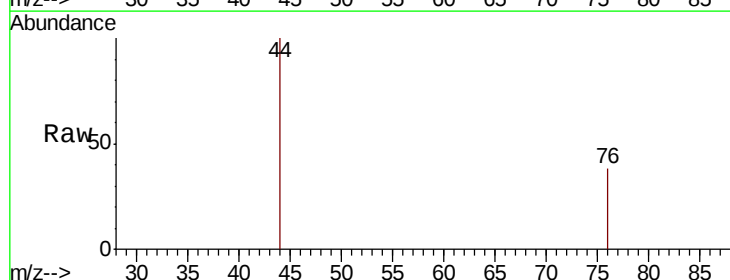
Acq: 10 Jan 2019 17:29

Tgt Ion: 76 Resp: 80

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU028998.D (-394) (-)

Ion 77.90 (77.60 to 78.60): VU028998.D (-394) (-)

2.48

150

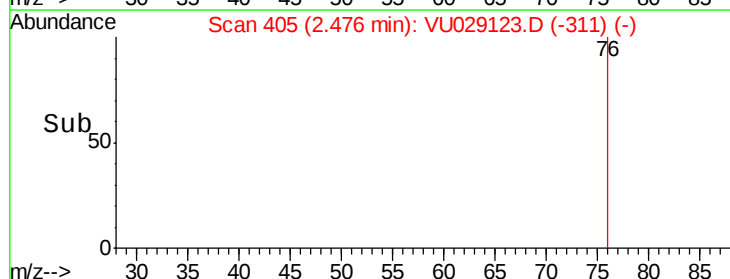
100

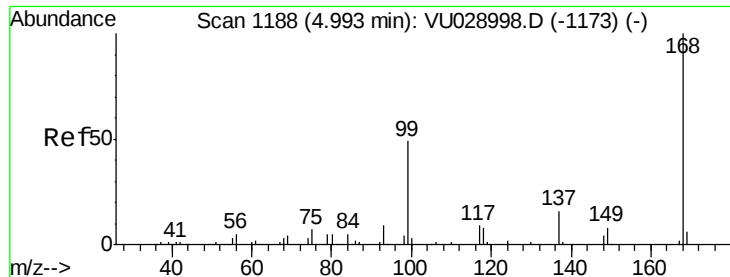
50

0

2.46 2.47 2.48 2.49

Time-->

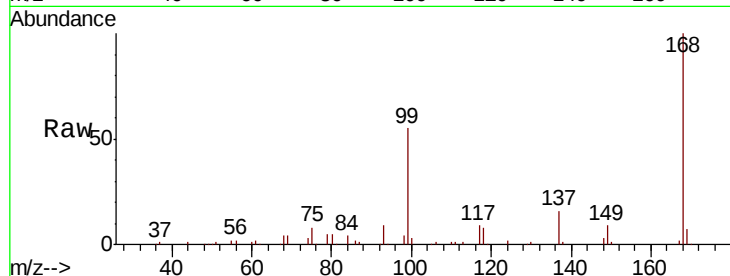




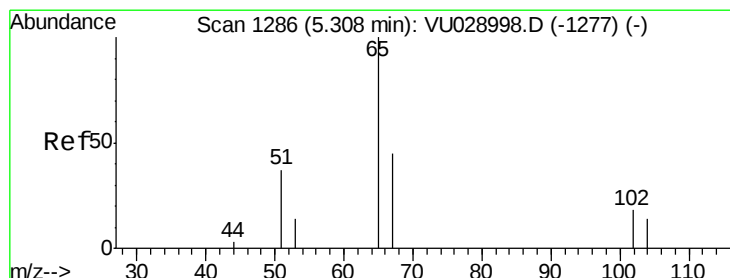
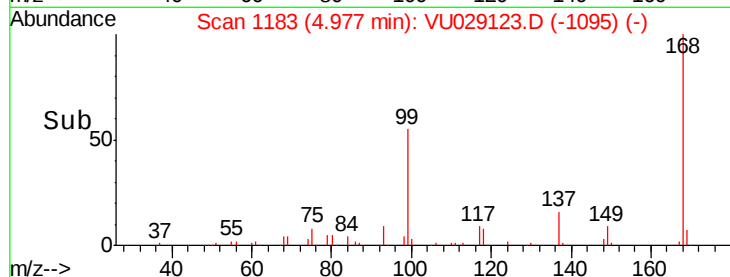
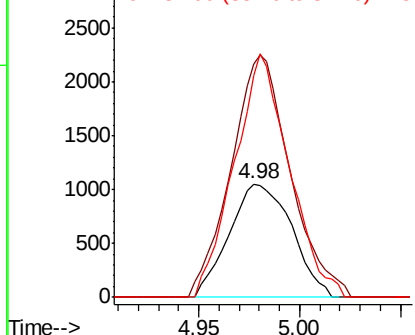
#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1183
Delta R.T. -0.02 min
Lab File: VU029123.D
Acq: 10 Jan 2019 17:29

Instrument :
MSVOA_U
ClientSampled :
VU0112

Tgt Ion: 56 Resp: 2267
Ion Ratio Lower Upper
56 100
69 205.7 26.7 40.1#
84 195.5 65.7 98.5#

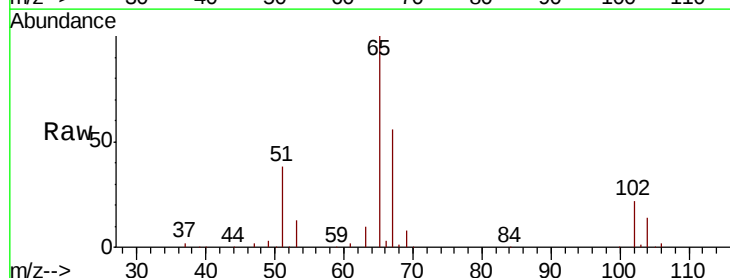


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

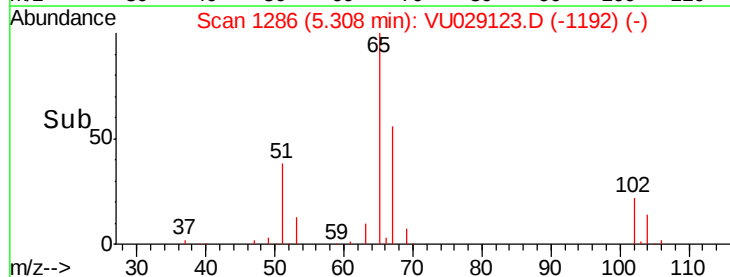
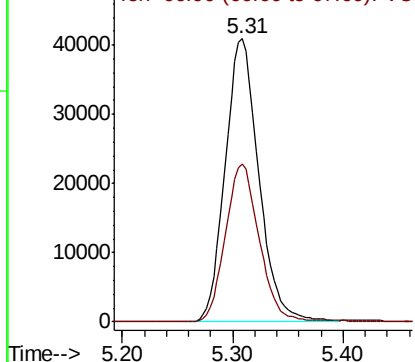


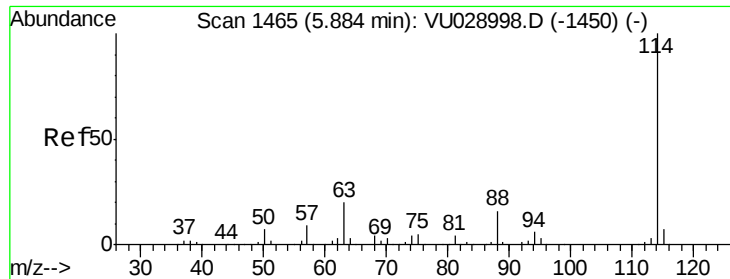
#33
1,2-Dichloroethane-d4
Concen: 52.917 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029123.D
Acq: 10 Jan 2019 17:29

Tgt Ion: 65 Resp: 86708
Ion Ratio Lower Upper
65 100
67 55.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

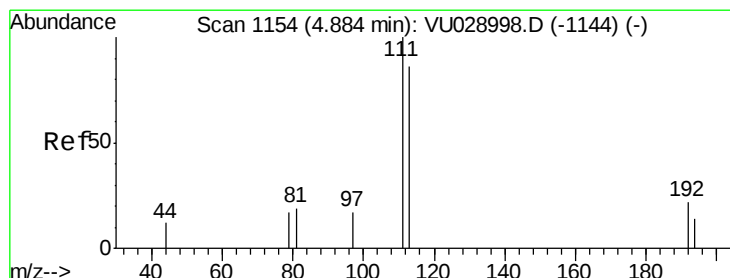
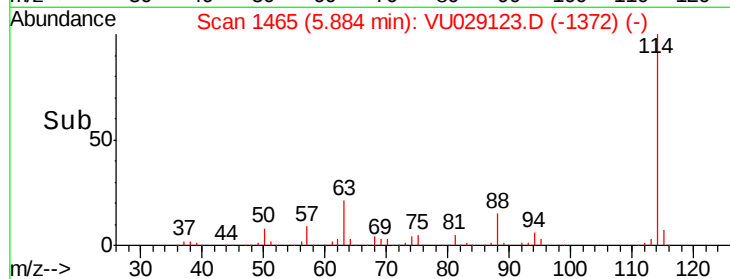
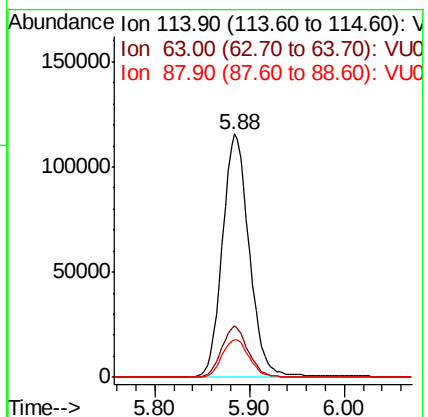
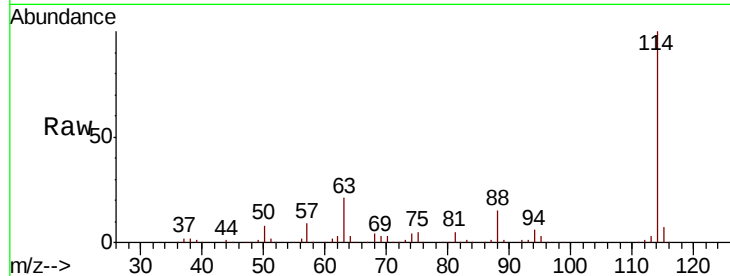




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029123.D
 Acq: 10 Jan 2019 17:29

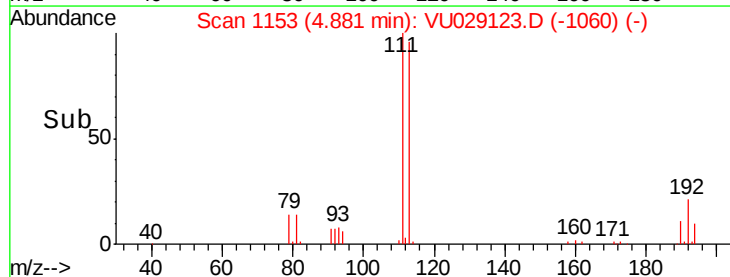
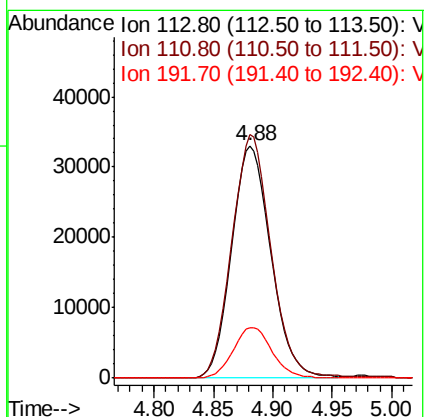
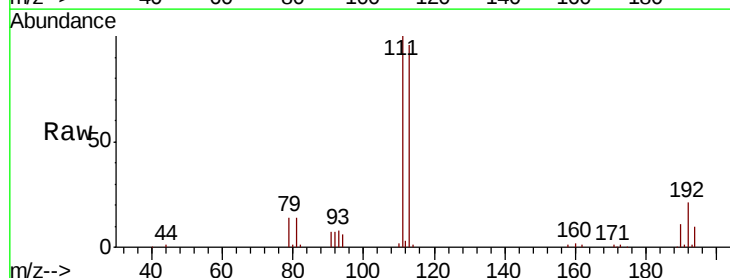
Instrument :
 MSVOA_U
 ClientSampled :
 VU0112

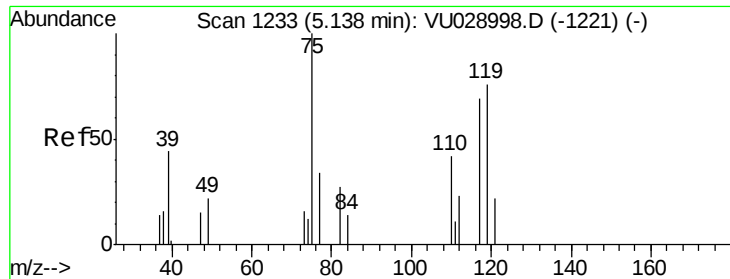
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.2
88	15.4	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 51.008 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029123.D
 Acq: 10 Jan 2019 17:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.4	122.2
192	21.4	16.8	25.2

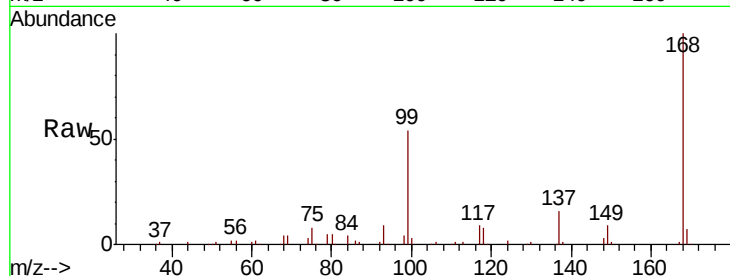




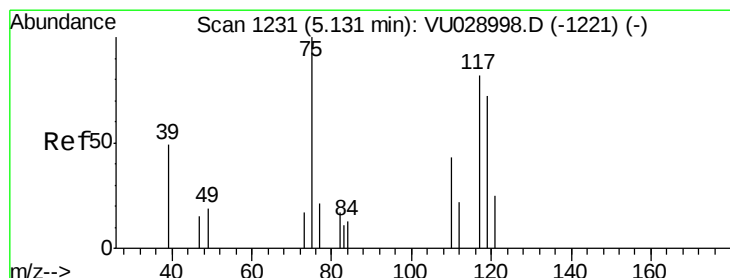
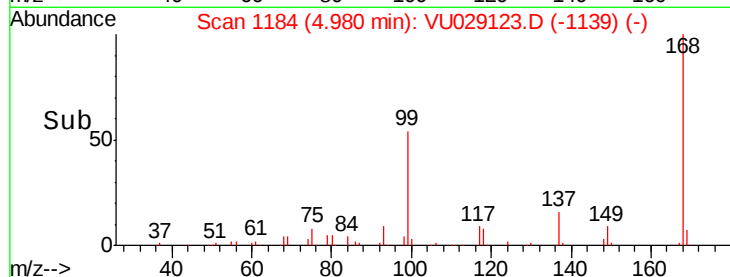
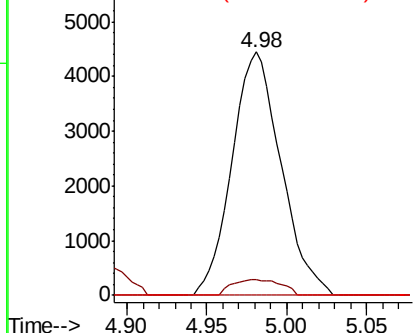
#36
 1,1-Dichloropropene
 Concen: 4.077 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029123.D
 Acq: 10 Jan 2019 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112

Tgt Ion: 75 Resp: 9335
 Ion Ratio Lower Upper
 75 100
 110 6.6 18.4 55.4#
 77 0.0 25.1 37.7#

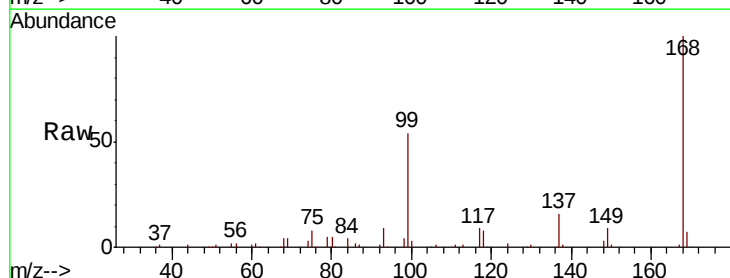


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

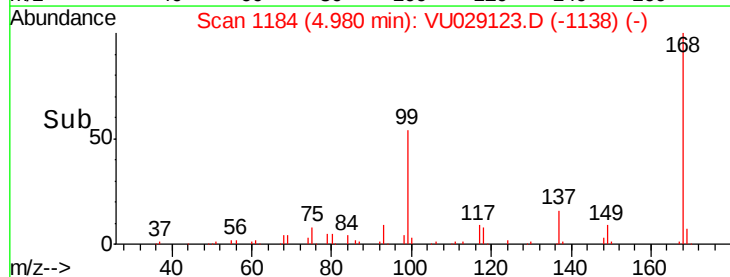
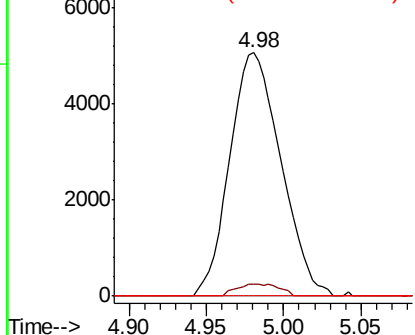


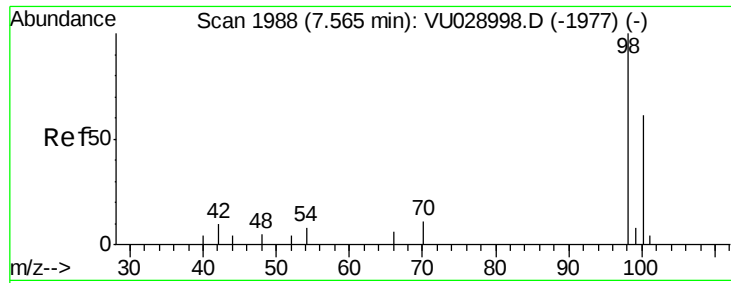
#38
 Carbon Tetrachloride
 Concen: 6.087 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029123.D
 Acq: 10 Jan 2019 17:29

Tgt Ion: 117 Resp: 11624
 Ion Ratio Lower Upper
 117 100
 119 5.1 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: 48.433 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029123.D

Acq: 10 Jan 2019 17:29

Instrument :

MSVOA_U

ClientSampleId :

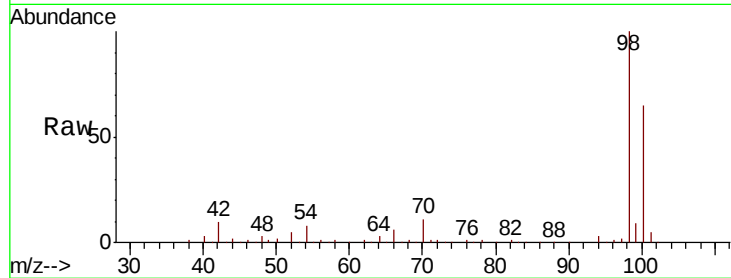
VU0112

Tgt Ion: 98 Resp: 283901

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.56

150000

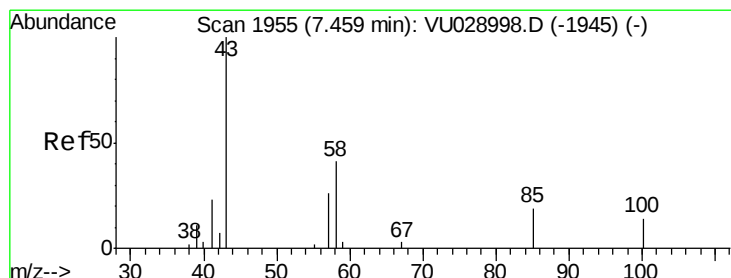
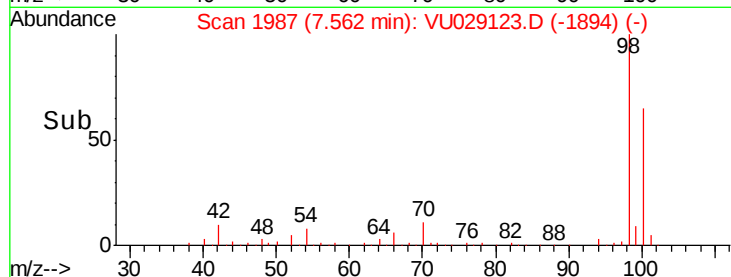
100000

50000

0

Time-->

7.50 7.55 7.60 7.65



#51

4-Methyl-2-Pentanone

Concen: 0.423 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VU029123.D

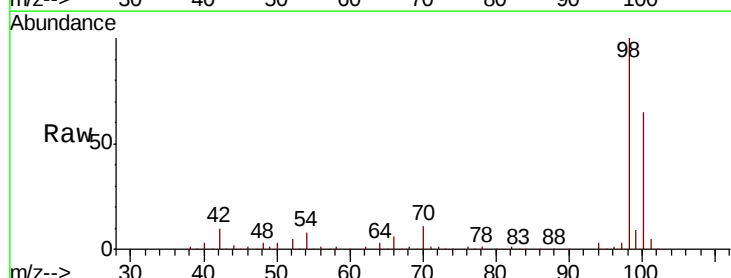
Acq: 10 Jan 2019 17:29

Tgt Ion: 43 Resp: 1109

Ion Ratio Lower Upper

43 100

58 194.0 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

1500

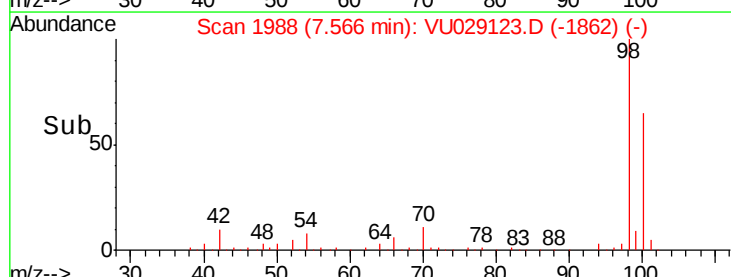
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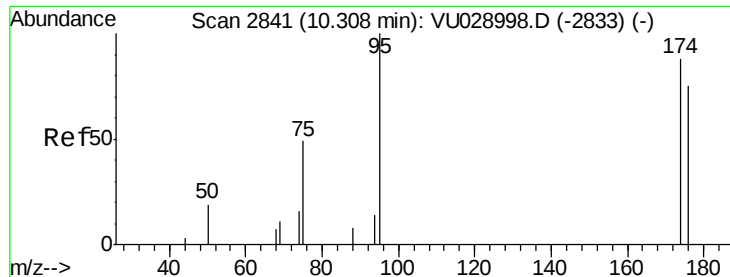
500

0

Time-->

7.55 7.60

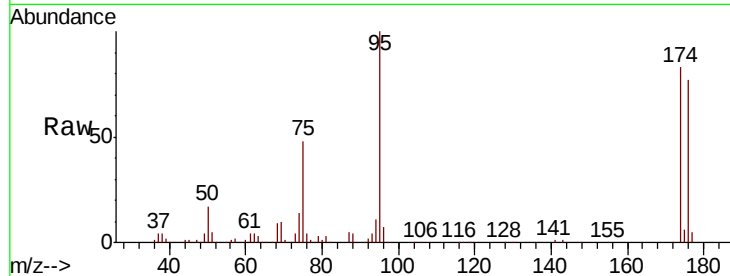




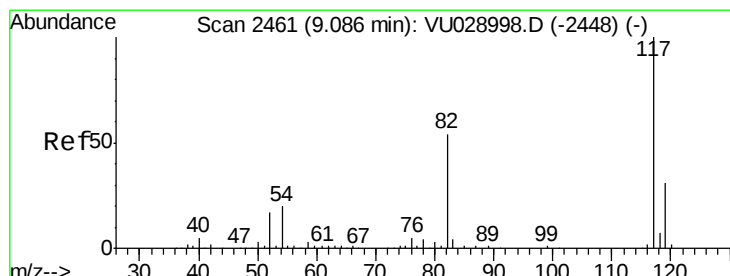
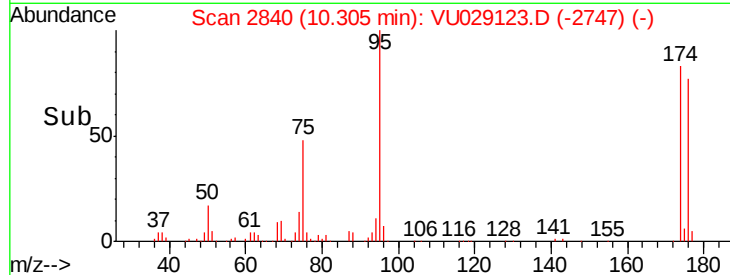
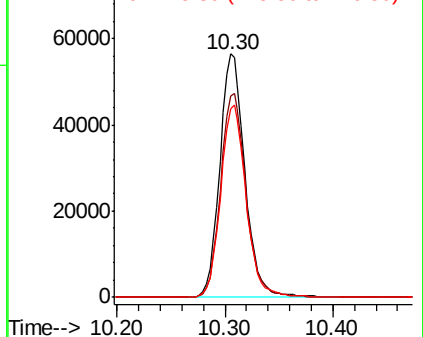
#62
4-Bromofluorobenzene
Concen: 43.169 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029123.D
Acq: 10 Jan 2019 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0112

Tgt Ion: 95 Resp: 90940
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.6
176 80.2 0.0 165.0

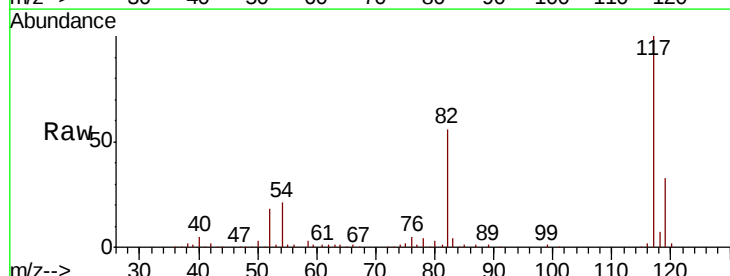


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)
Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)
Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

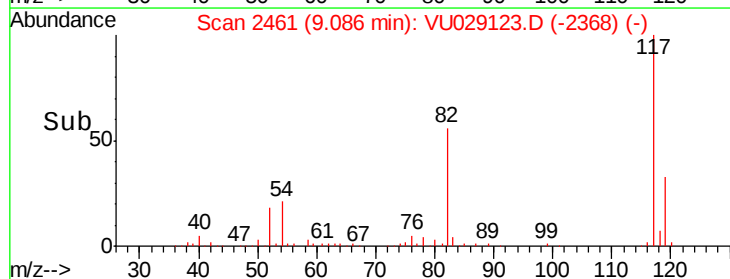
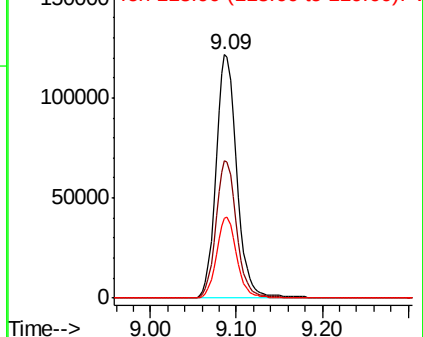


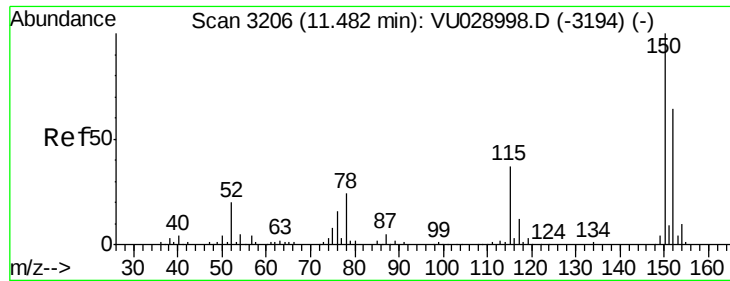
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029123.D
Acq: 10 Jan 2019 17:29

Tgt Ion: 117 Resp: 204860
Ion Ratio Lower Upper
117 100
82 56.3 43.9 65.9
119 32.9 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VU028998.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU028998.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU028998.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029123.D

Acq: 10 Jan 2019 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0112

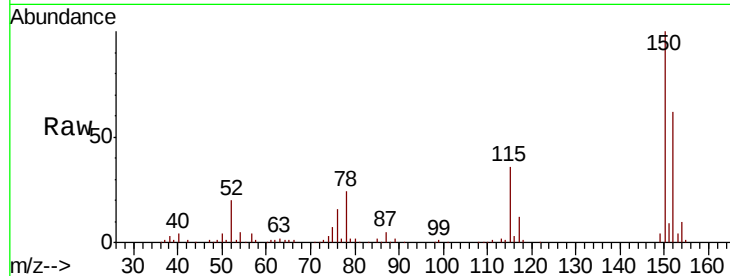
Tgt Ion:152 Resp: 81402

Ion Ratio Lower Upper

152 100

115 56.8 40.1 120.3

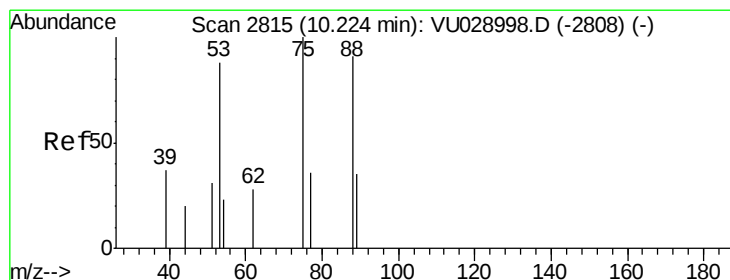
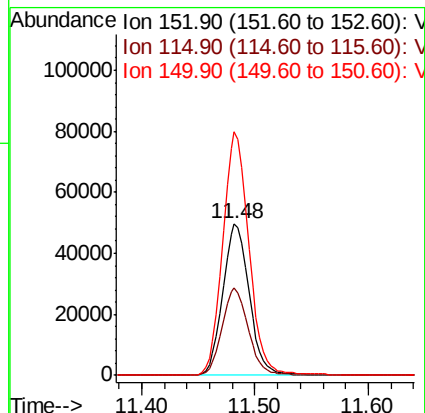
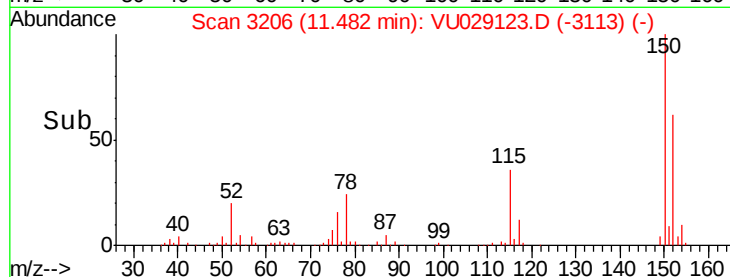
150 157.6 0.0 345.2



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: 21.520 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029123.D

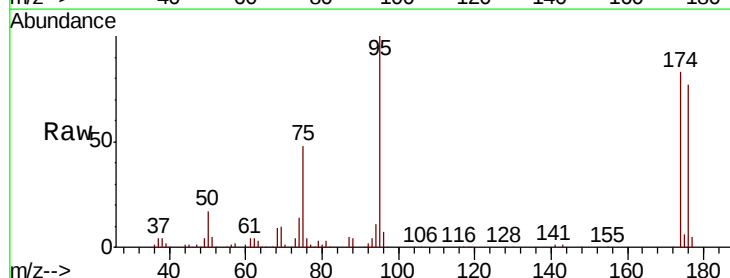
Acq: 10 Jan 2019 17:29

Tgt Ion: 75 Resp: 42921

Ion Ratio Lower Upper

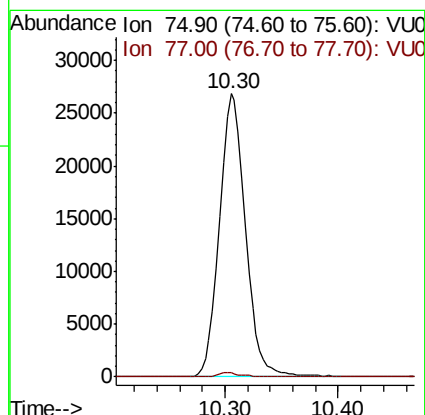
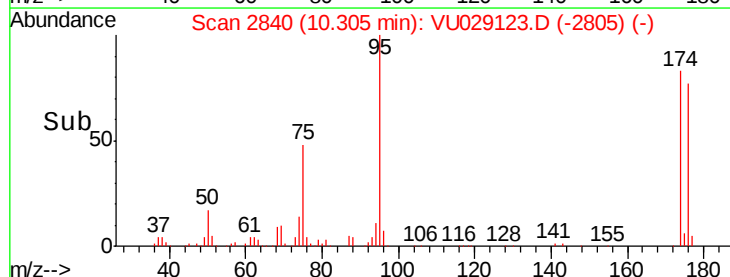
75 100

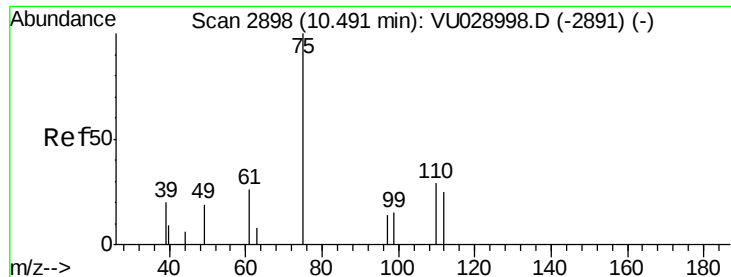
77 1.2 20.9 62.8#



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: 55.501 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029123.D

Acq: 10 Jan 2019 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0112

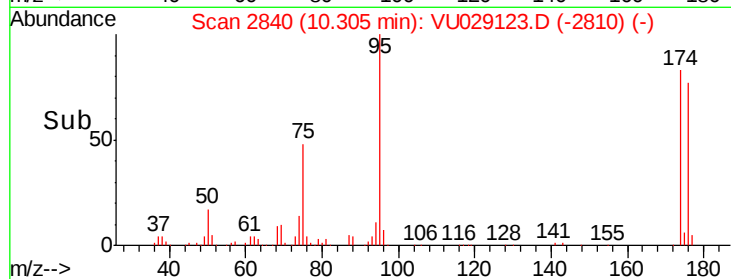
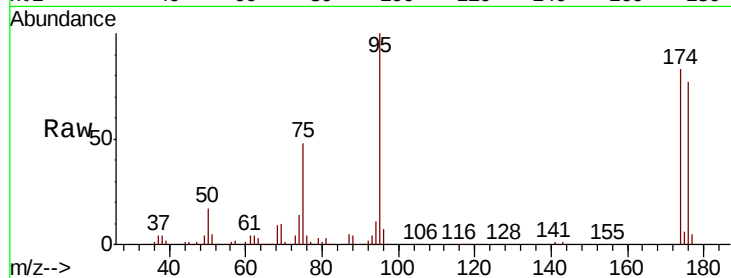
Tgt Ion: 75 Resp: 42921

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

