

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027140.D
 Acq On : 25 Sep 2018 21:03
 Operator : MD/SY
 Sample : VU0926WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBL01

Quant Time: Sep 26 05:55:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	155827	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67474	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	96742	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	4.88	113	66800	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	7.57	98	251857	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	10.31	95	79293	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	

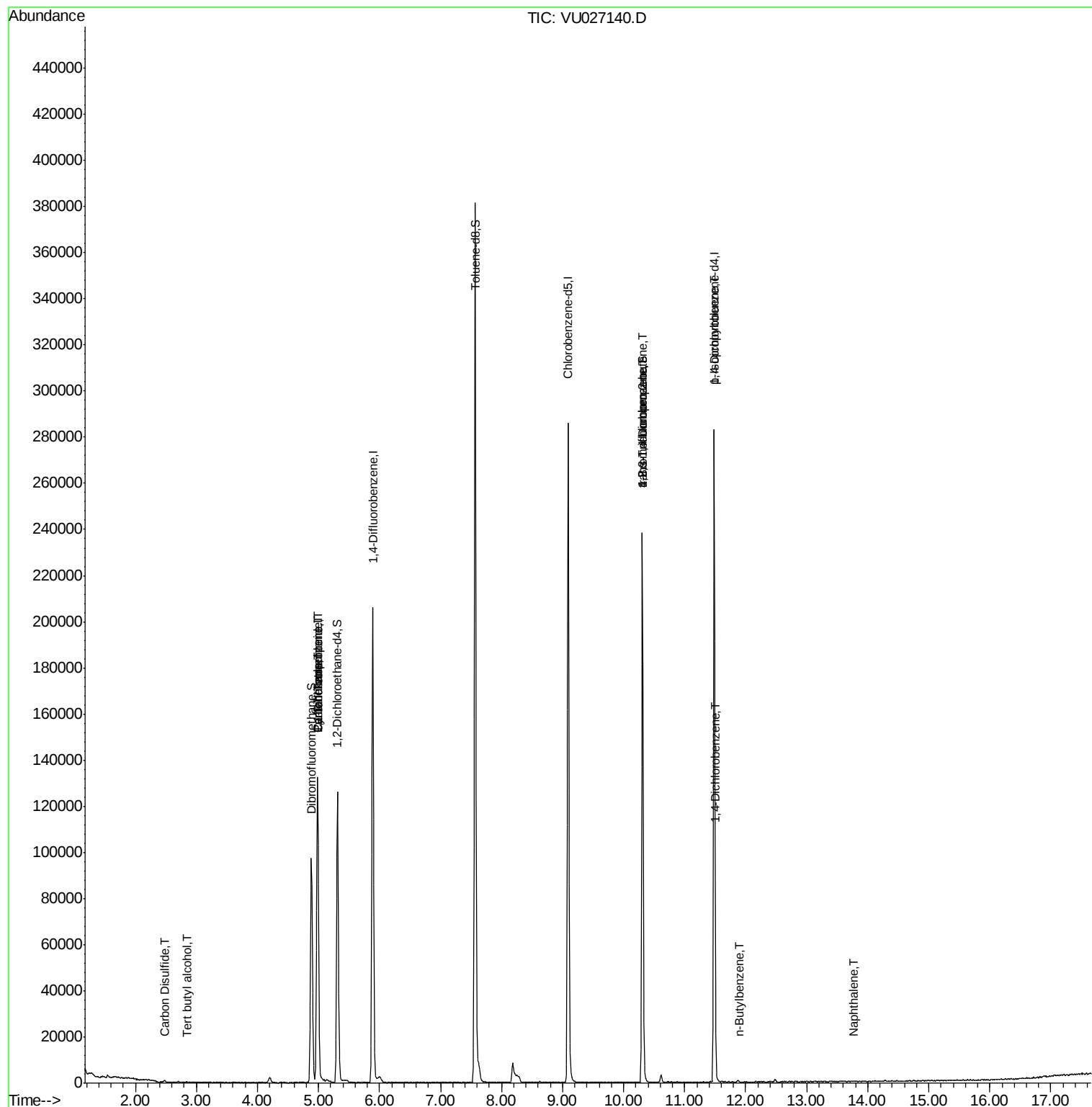
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	146	0.343	ug/l #	72
16) Acetone	2.32	43	549	Below Cal	#	44
17) Carbon Disulfide	2.48	76	854	0.206	ug/l #	75
31) Cyclohexane	4.98	56	2491	0.328	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8758	4.211	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9686	4.894	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	44072	21.500	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	44072	68.804	ug/l #	100
86) p-Isopropyltoluene	11.48	119	49	0.938	ug/l #	1
88) 1,4-Dichlorobenzene	11.51	146	518	0.204	ug/l #	23
89) n-Butylbenzene	11.89	91	97	2.412	ug/l #	33
95) Naphthalene	13.76	128	184	1.721	ug/l #	69

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

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Quant Time: Sep 26 05:55:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

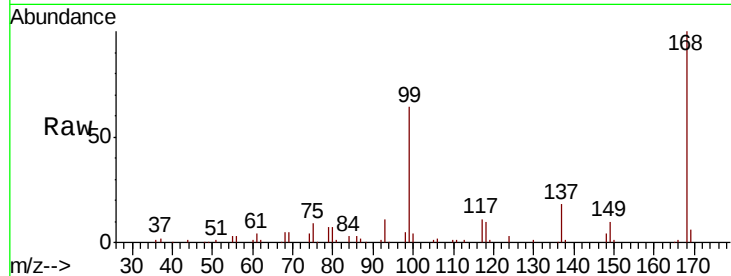
VU0926WBL01

Tot Ion:168 Resp: 92324

Ion Ratio Lower Upper

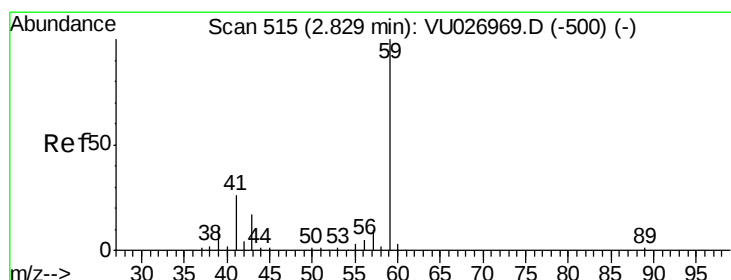
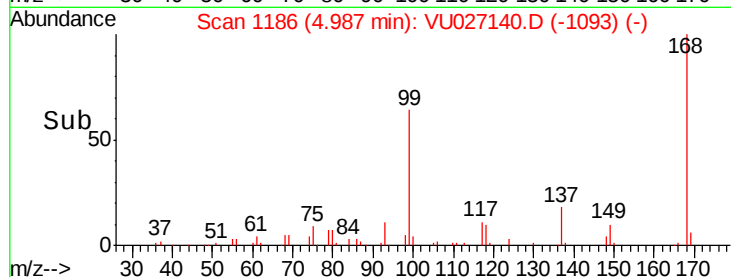
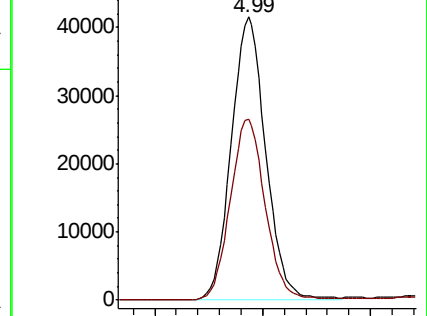
168 100

99 63.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027140.D (-1093) (-)



#11

Tert butyl alcohol

Concen: 0.343 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU027140.D

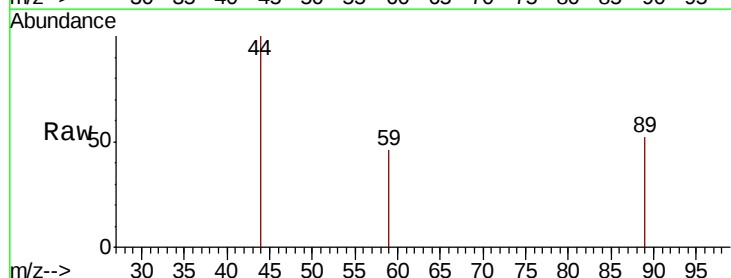
Acq: 25 Sep 2018 21:03

Tgt Ion: 59 Resp: 146

Ion Ratio Lower Upper

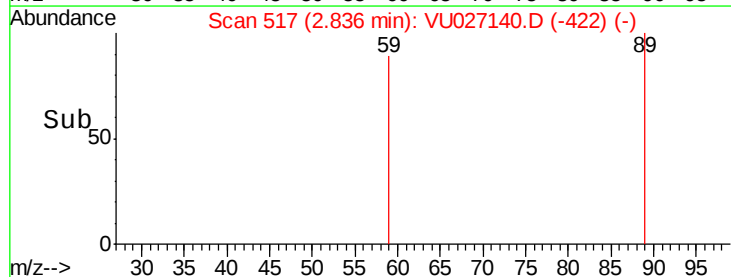
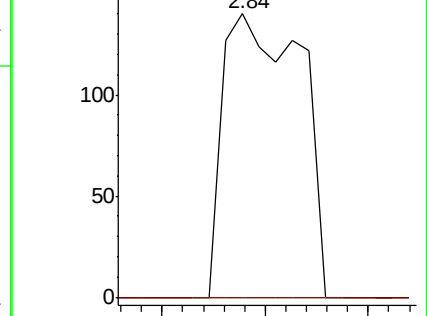
59 100

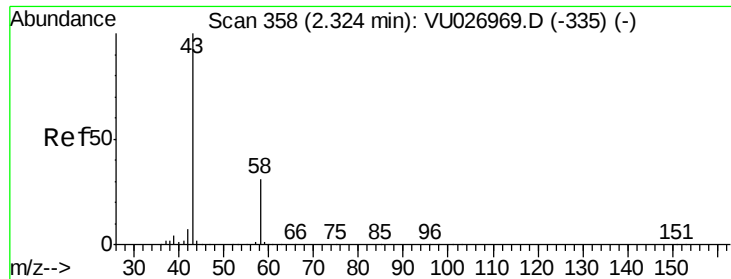
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU027140.D (-422) (-)





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 356

Delta R.T. -0.01 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

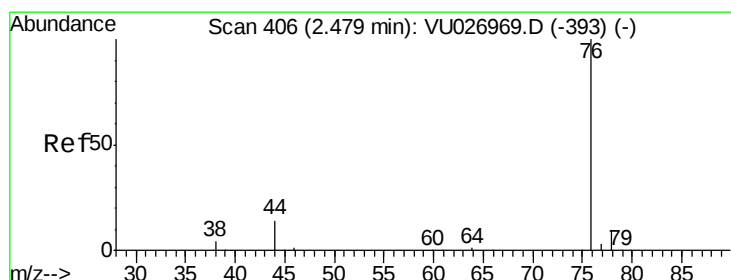
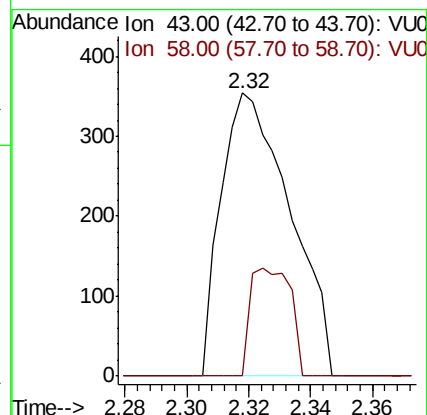
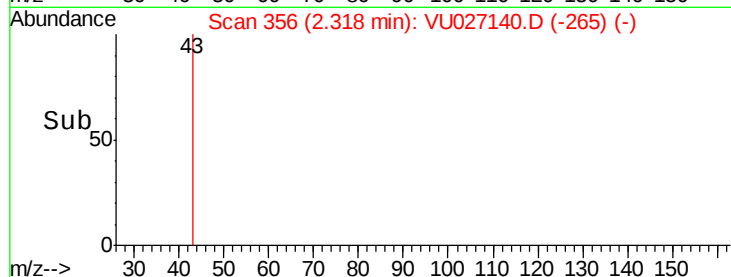
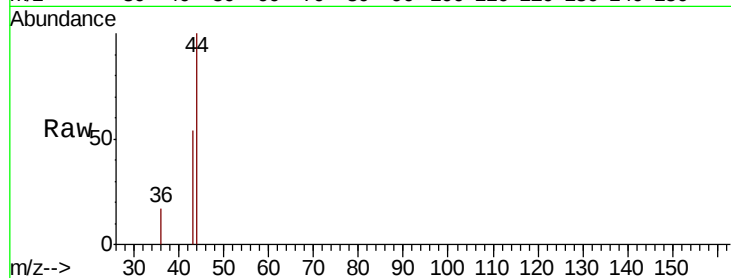
VU0926WBL01

Tot Ion: 43 Resp: 549

Ion Ratio Lower Upper

43 100

58 0.0 24.6 36.8#



#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU027140.D

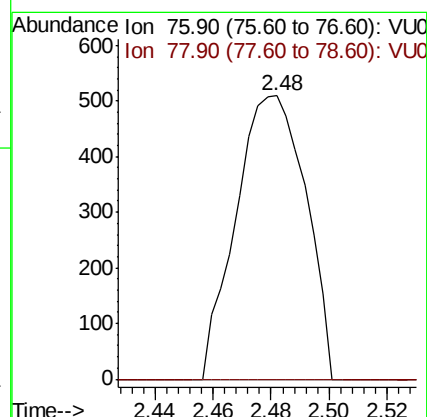
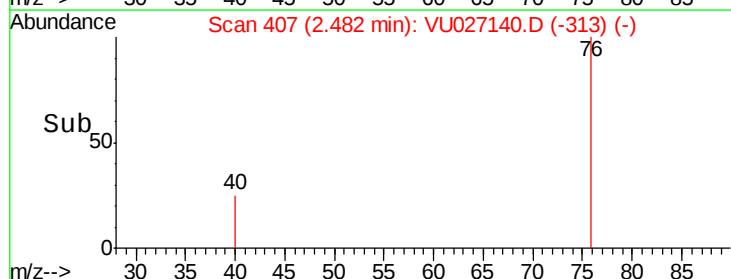
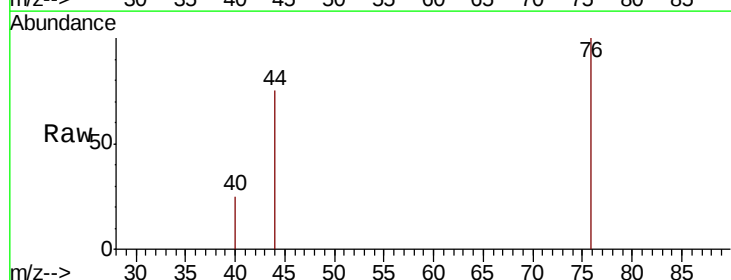
Acq: 25 Sep 2018 21:03

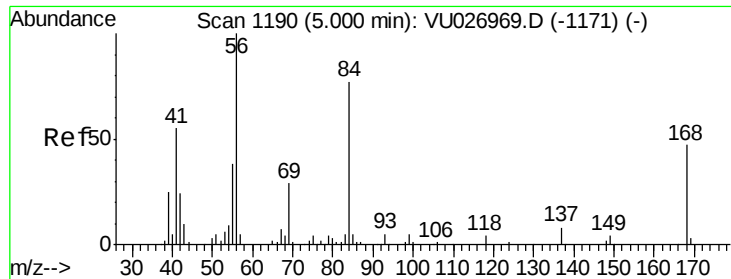
Tgt Ion: 76 Resp: 854

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

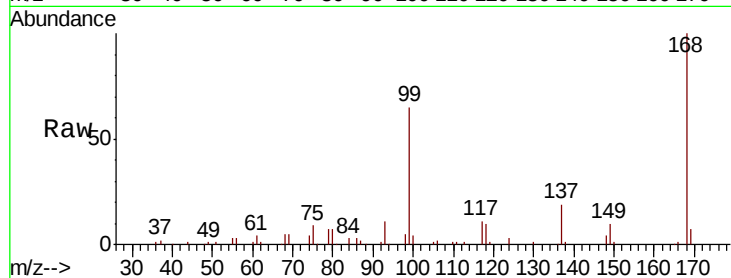




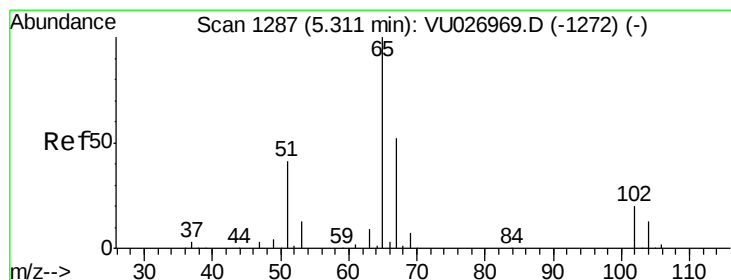
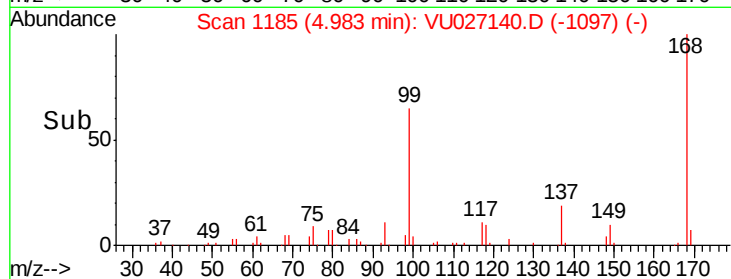
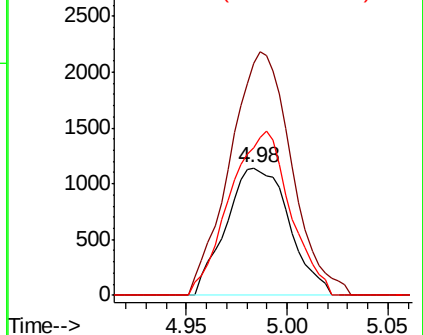
#31
Cyclohexane
Concen: 0.328 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027140.D
Acq: 25 Sep 2018 21:03

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBL01

Tot Ion: 56 Resp: 2491
Ion Ratio Lower Upper
56 100
69 181.7 23.0 34.4#
84 116.0 61.4 92.2#

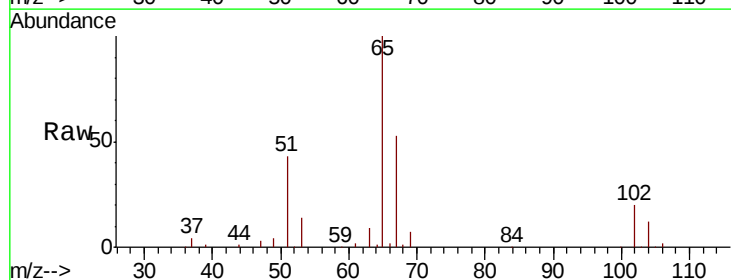


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

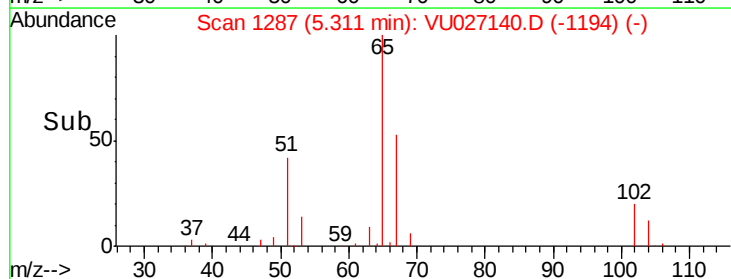
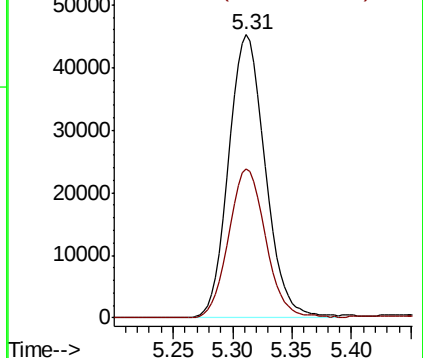


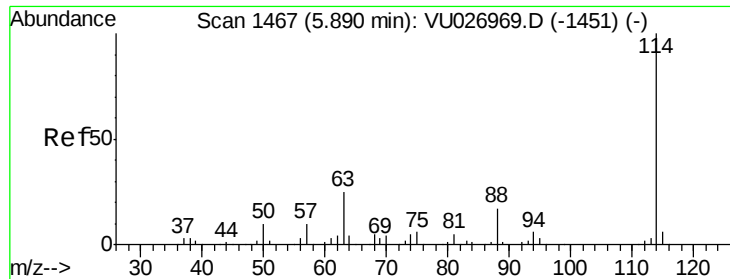
#33
1,2-Dichloroethane-d4
Concen: 52.063 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027140.D
Acq: 25 Sep 2018 21:03

Tgt Ion: 65 Resp: 96742
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.6



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

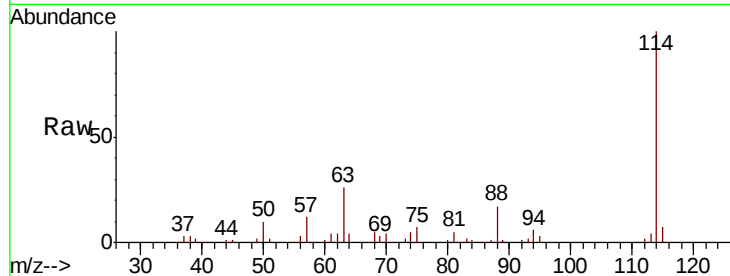




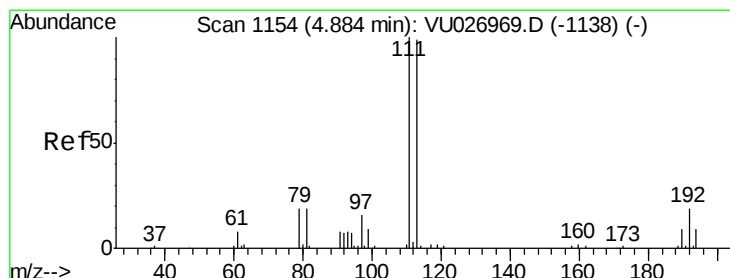
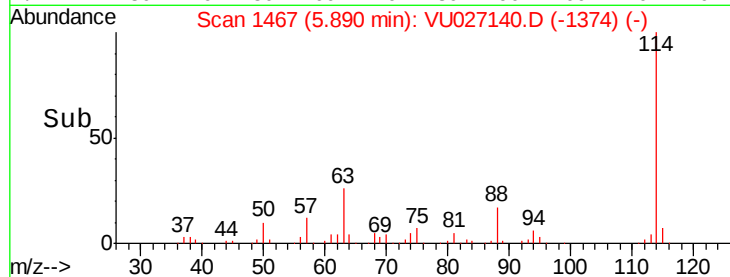
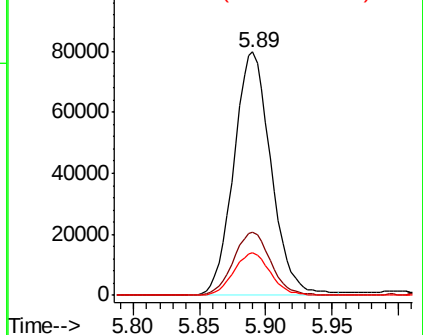
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027140.D
 Acq: 25 Sep 2018 21:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.0	0.0	49.2
88	17.5	0.0	33.8

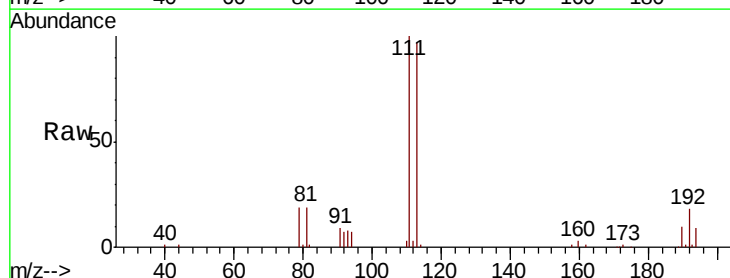


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

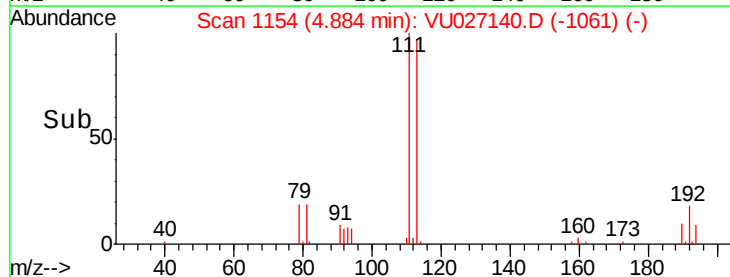
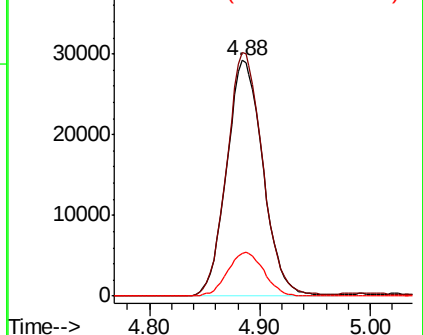


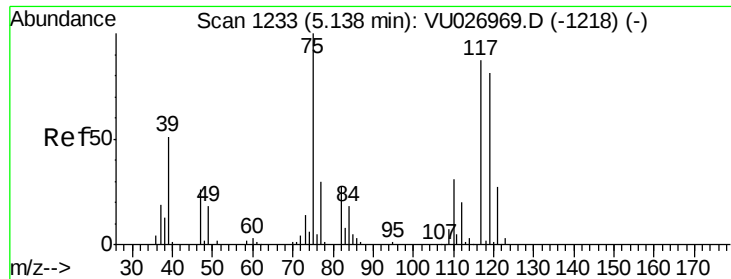
#35
 Dibromofluoromethane
 Concen: 49.455 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027140.D
 Acq: 25 Sep 2018 21:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	18.5	15.2	22.8



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

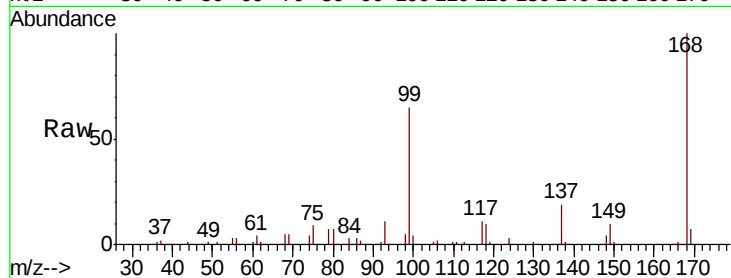




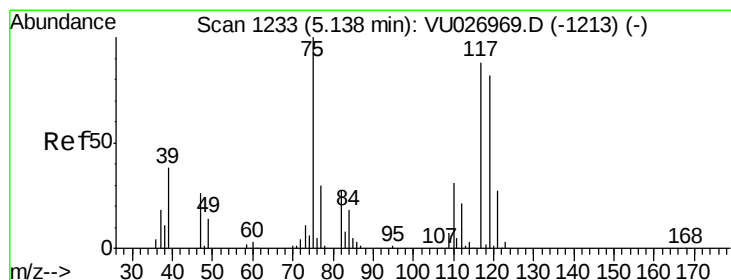
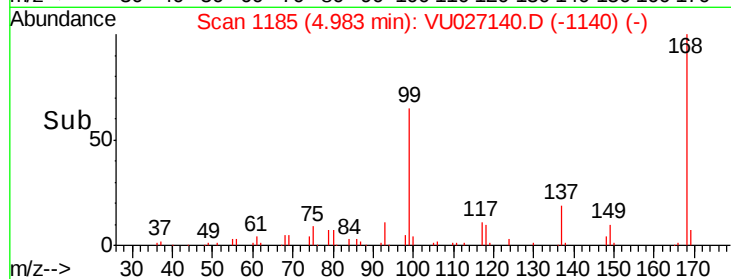
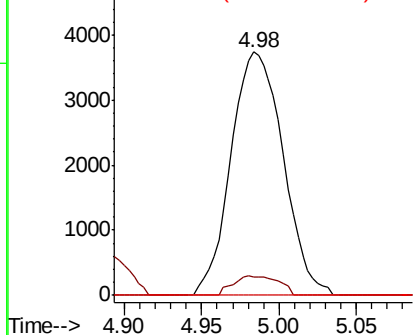
#36
 1,1-Dichloropropene
 Concen: 4.211 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027140.D
 Acq: 25 Sep 2018 21:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBL01

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.1	48.2#
77	0.0	24.6	36.8#

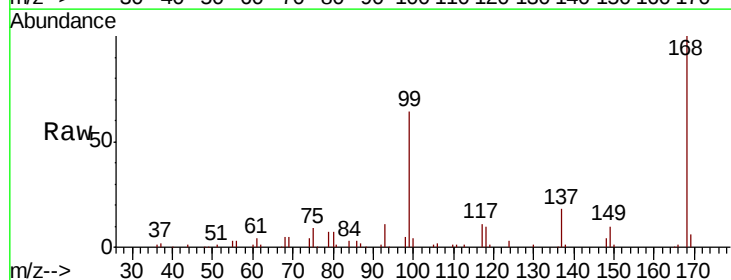


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

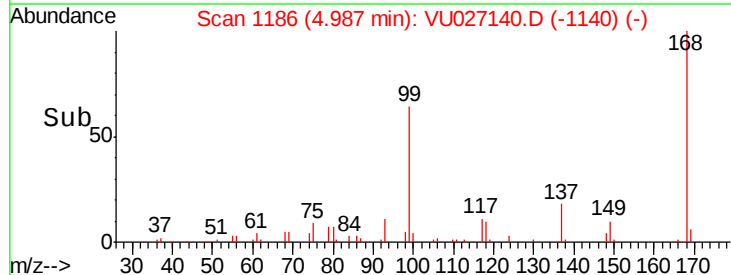
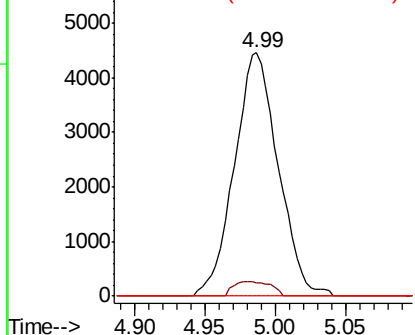


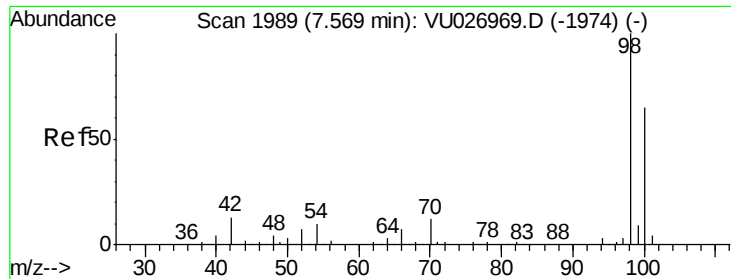
#38
 Carbon Tetrachloride
 Concen: 4.894 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027140.D
 Acq: 25 Sep 2018 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	74.4	111.6#
121	0.0	24.2	36.4#



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: 48.927 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

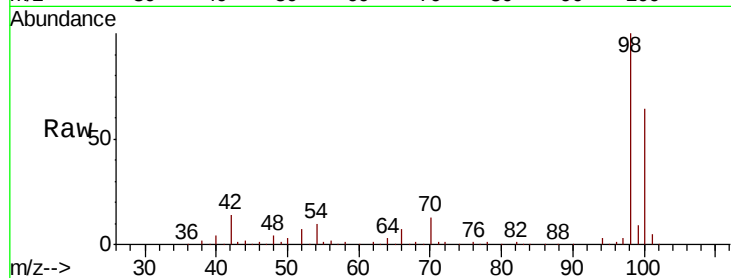
VU0926WBL01

Tot Ion: 98 Resp: 251857

Ion Ratio Lower Upper

98 100

100 62.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

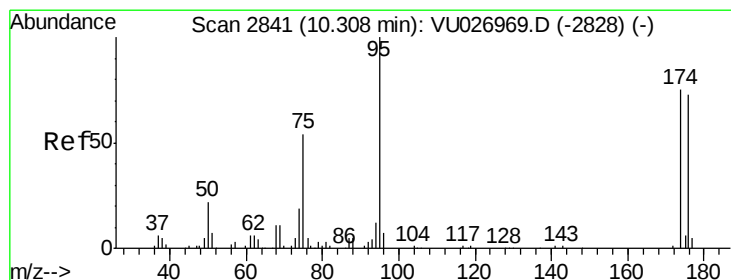
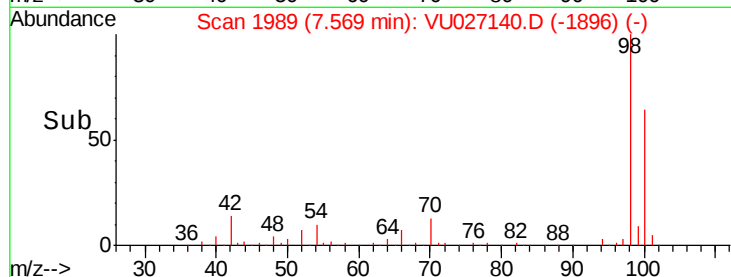
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50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 44.892 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

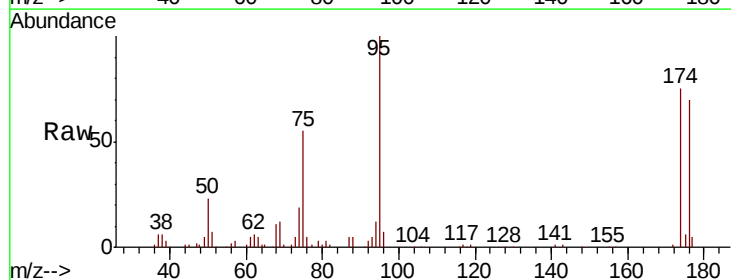
Tgt Ion: 95 Resp: 79293

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 71.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

60000

50000

40000

30000

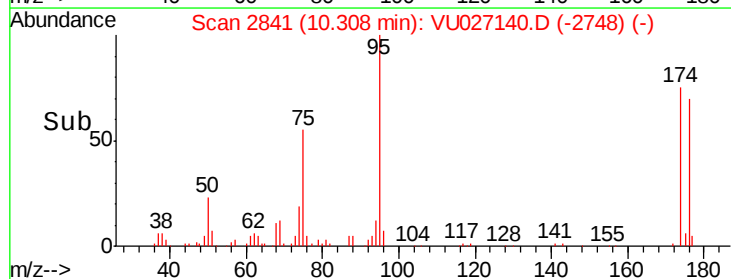
20000

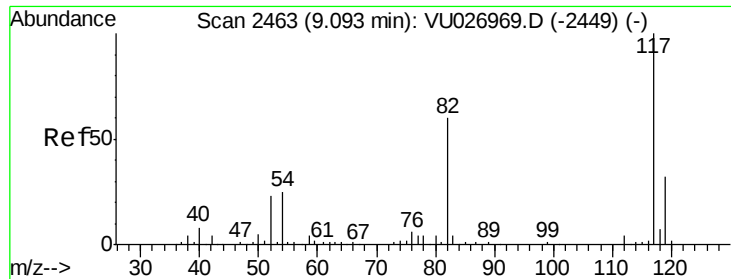
10000

0

10.30 10.40

Time-->

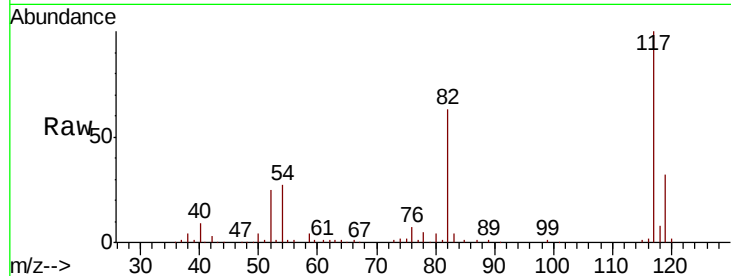




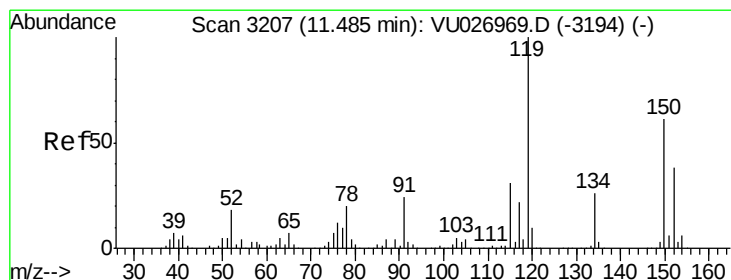
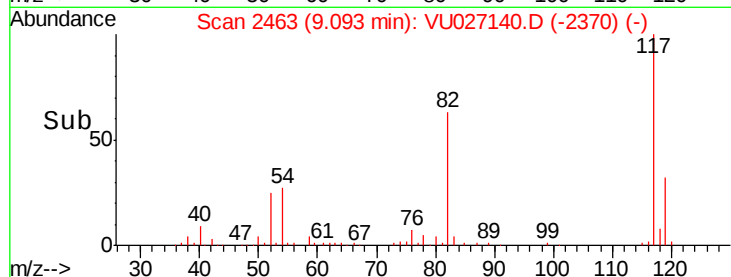
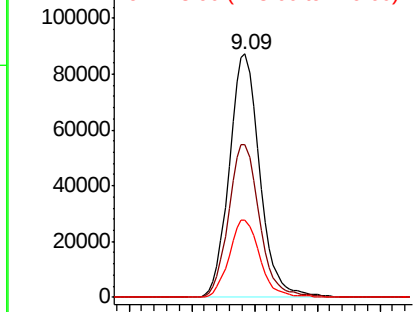
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027140.D
Acq: 25 Sep 2018 21:03

Instrument :
MSVOA_U
ClientSampleId :
VU0926WBL01

Tot Ion:117 Resp: 147505
Ion Ratio Lower Upper
117 100
82 62.9 48.0 72.0
119 31.7 25.8 38.8

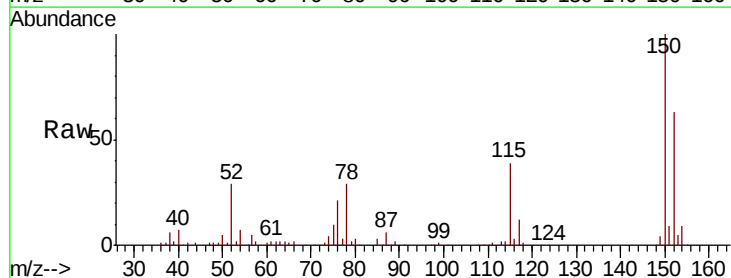


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

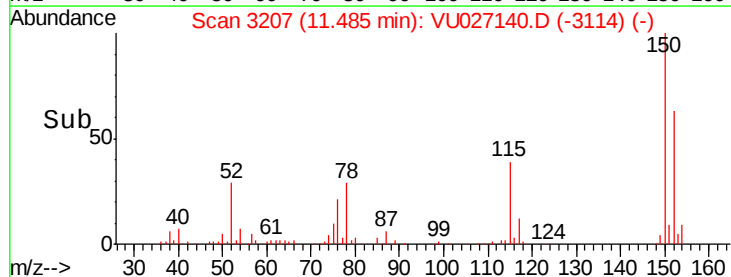
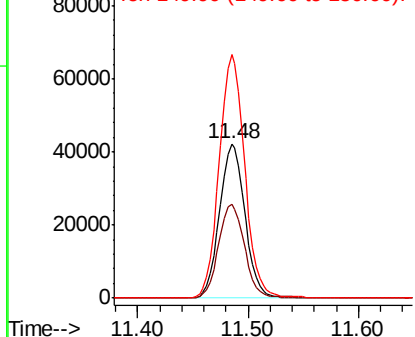


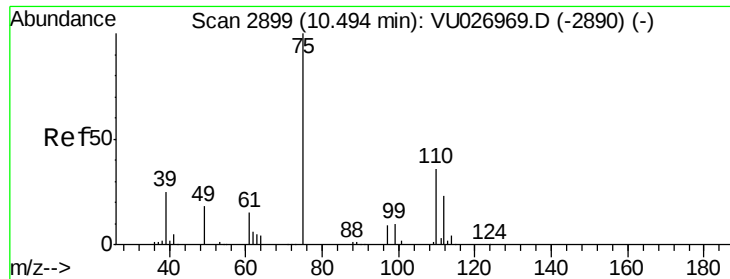
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027140.D
Acq: 25 Sep 2018 21:03

Tgt Ion:152 Resp: 67474
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 158.3 0.0 355.8



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: 21.500 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

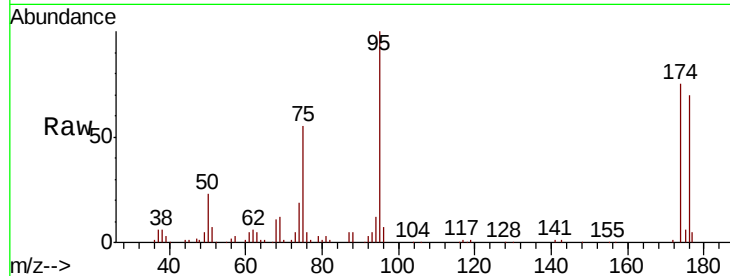
VU0926WBL01

Tot Ion: 75 Resp: 44072

Ion Ratio Lower Upper

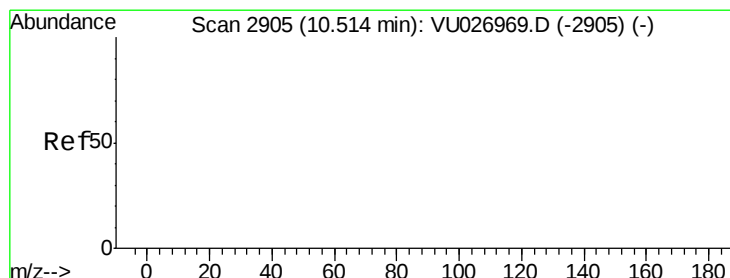
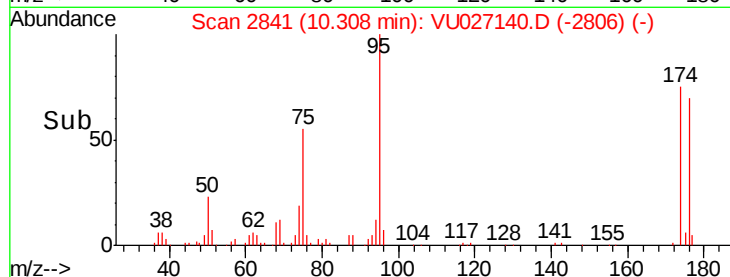
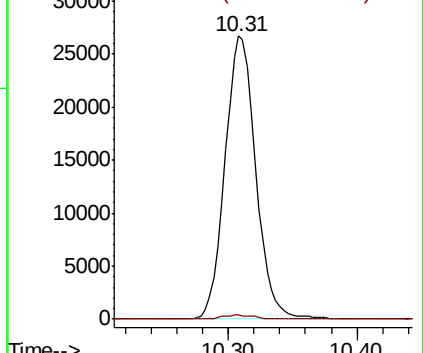
75 100

77 1.3 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: 68.804 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

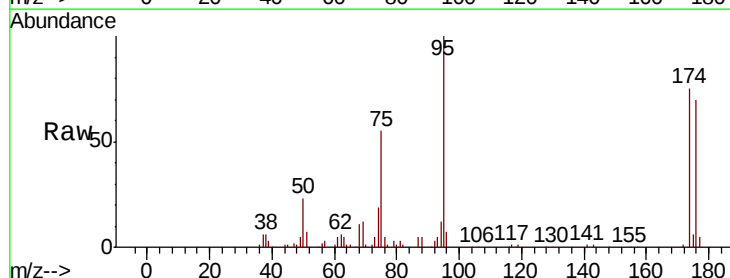
Tgt Ion: 75 Resp: 44072

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

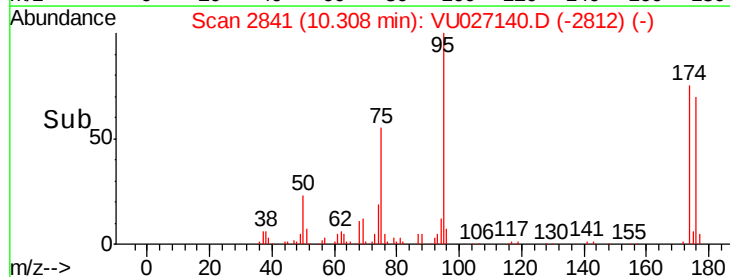
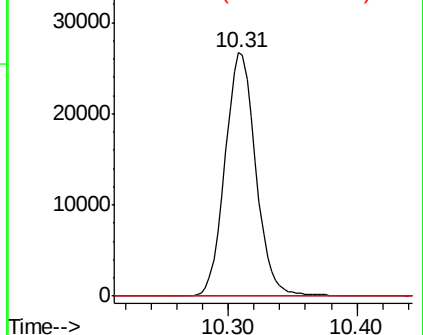
89 0.0 0.0 0.0

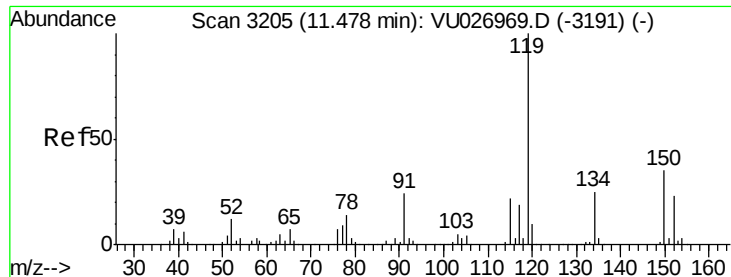


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

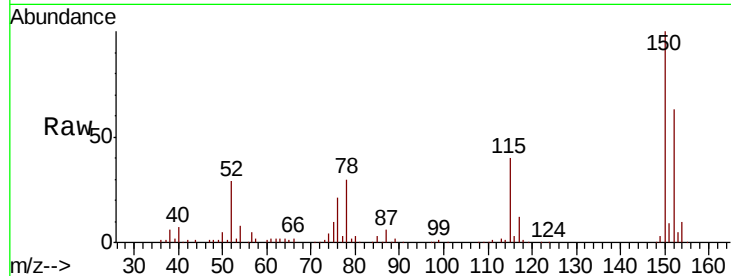




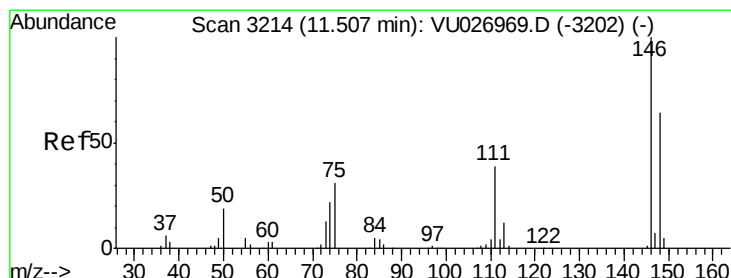
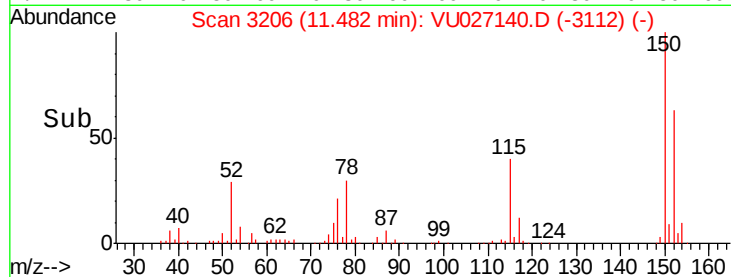
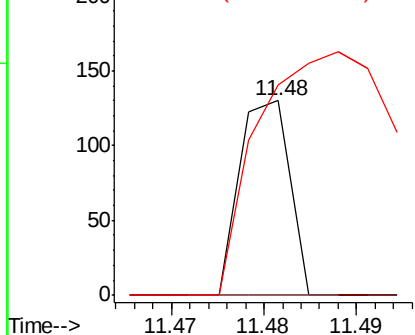
#86
 p-Isopropyltoluene
 Concen: 0.938 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU027140.D
 Acq: 25 Sep 2018 21:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0926WBL01

Tot Ion:119 Resp: 49
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 324.5 12.3 36.8#

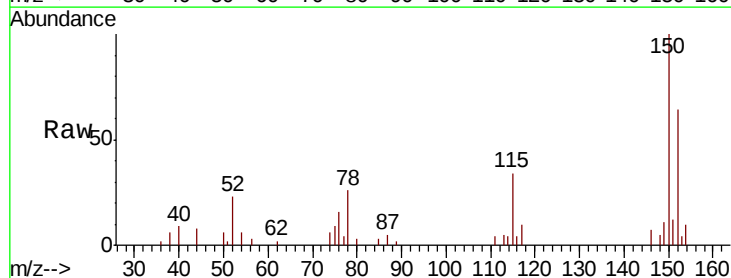


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

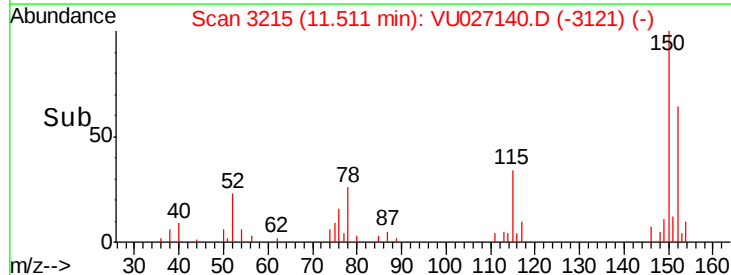
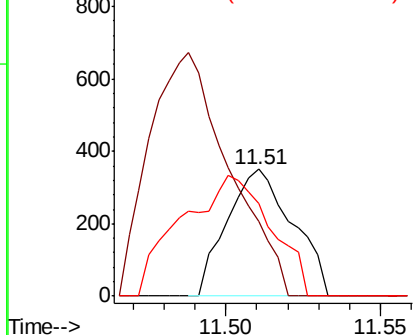


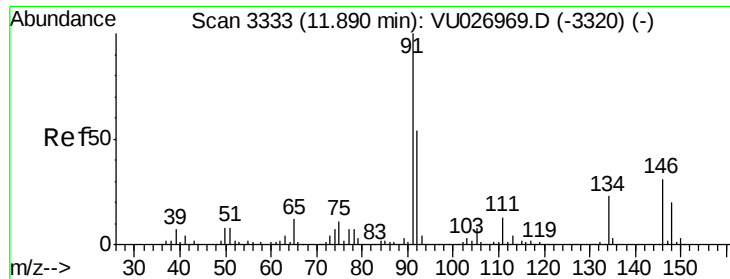
#88
 1,4-Dichlorobenzene
 Concen: 0.204 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027140.D
 Acq: 25 Sep 2018 21:03

Tgt Ion:146 Resp: 518
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.3 60.9#
 148 129.3 31.9 95.9#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 2.412 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

VU0926WBL01

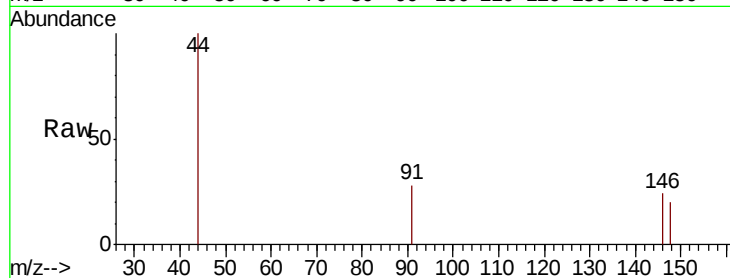
Tot Ion: 91 Resp: 97

Ion Ratio Lower Upper

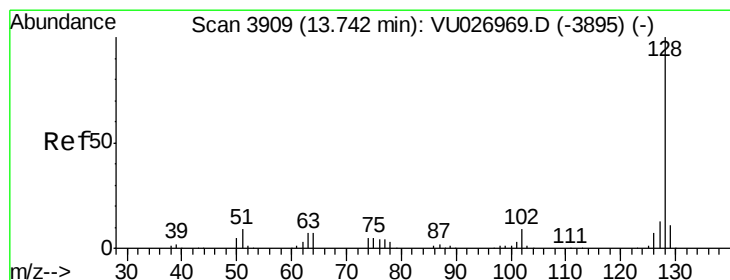
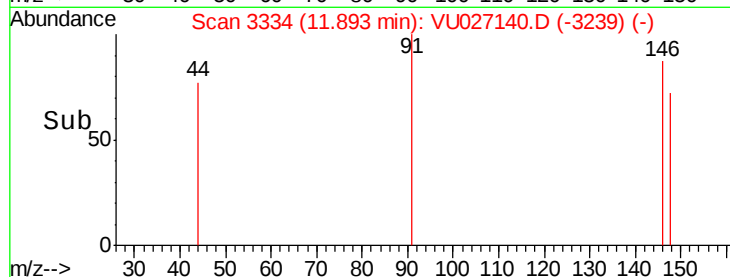
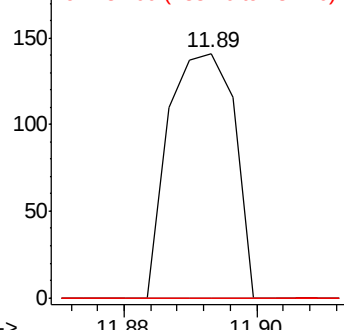
91 100

92 0.0 27.1 81.2#

134 0.0 11.7 35.0#



Abundance Ion 91.00 (90.70 to 91.70): VU027140.D (-3320) (-)



#95

Naphthalene

Concen: 1.721 ug/l

RT: 13.76 min Scan# 3914

Delta R.T. 0.02 min

Lab File: VU027140.D

Acq: 25 Sep 2018 21:03

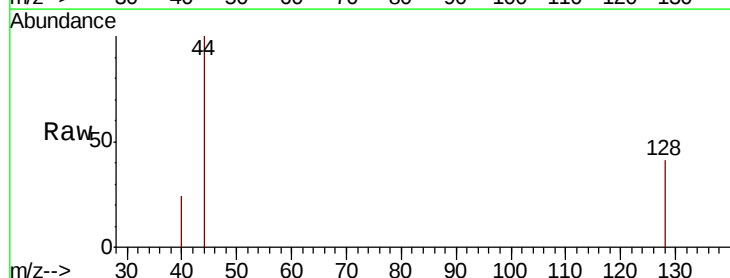
Tgt Ion: 128 Resp: 184

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VU026969.D (-3895) (-)

