

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027236.D
 Acq On : 27 Sep 2018 20:13
 Operator : MD/SY
 Sample : J5072-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-725

Quant Time: Sep 28 03:41:07 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	91079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156669	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70509	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	97744	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
35) Dibromofluoromethane	4.88	113	68433	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	7.57	98	252718	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	10.31	95	79859	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

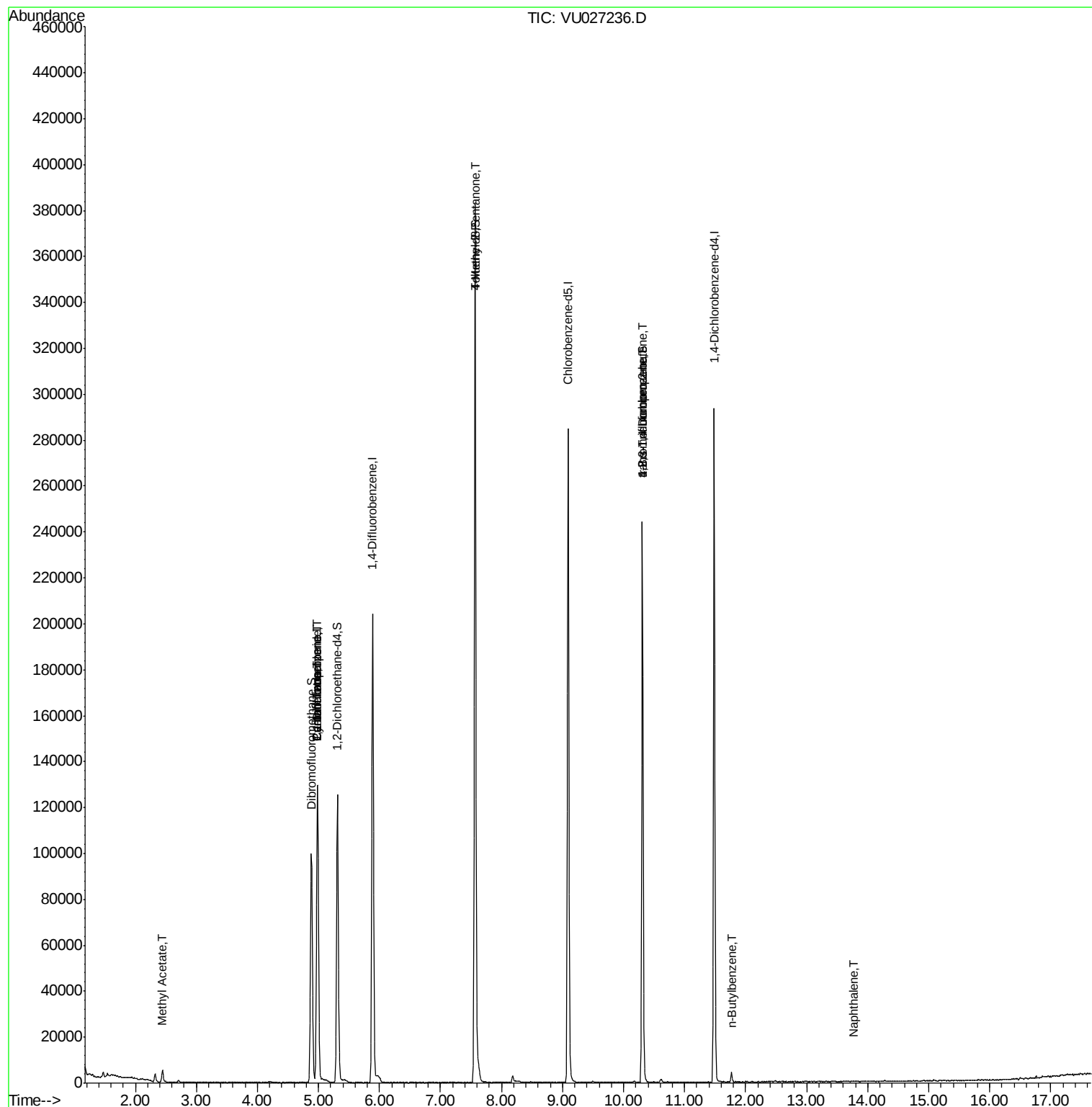
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	3903	Below Cal		98
18) Methyl Acetate	2.44	43	1505	0.577	ug/l #	55
31) Cyclohexane	4.99	56	2310	0.274	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8198	3.921	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9280	4.664	ug/l #	18
51) 4-Methyl-2-Pentanone	7.56	43	1221	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42779	19.971	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	42779	63.911	ug/l #	100
89) n-Butylbenzene	11.76	91	275	2.446	ug/l #	33
95) Naphthalene	13.76	128	240	1.729	ug/l #	69

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

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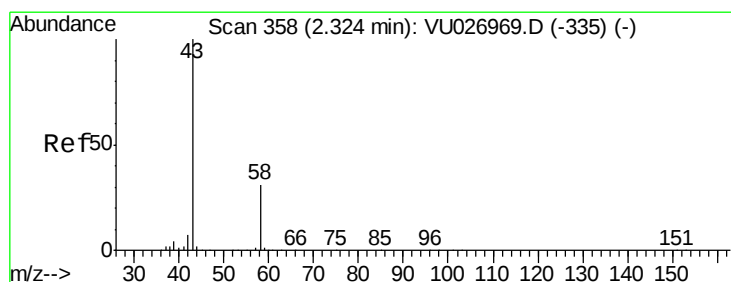
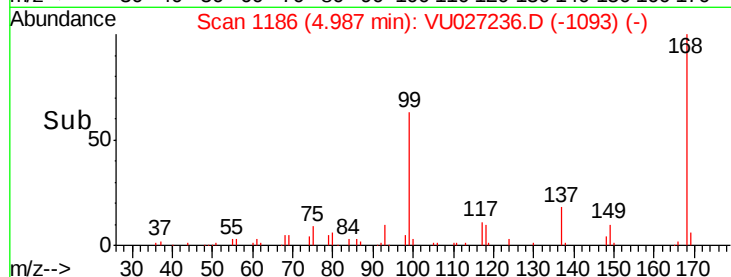
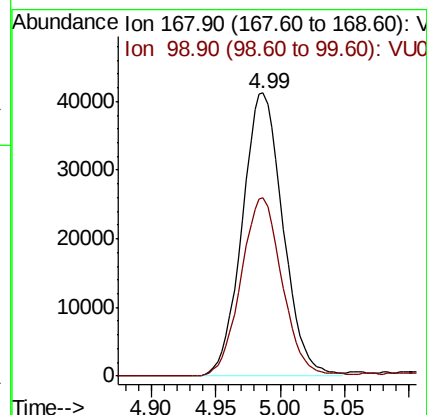
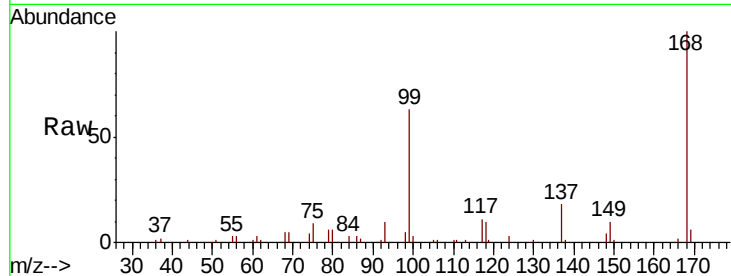




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

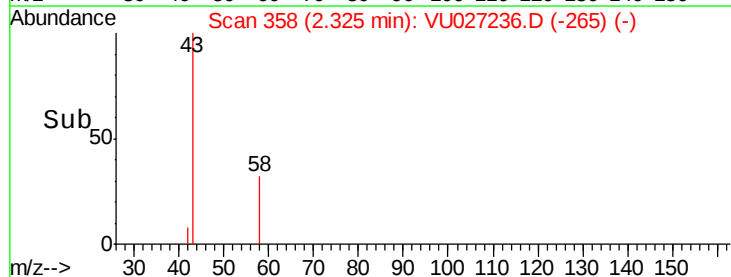
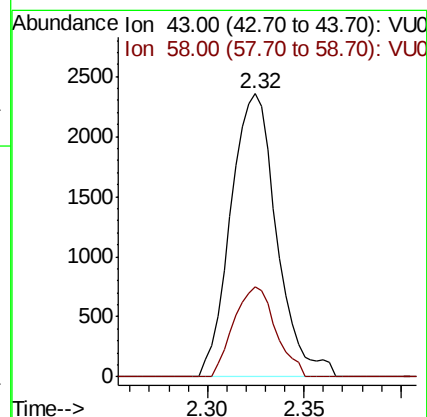
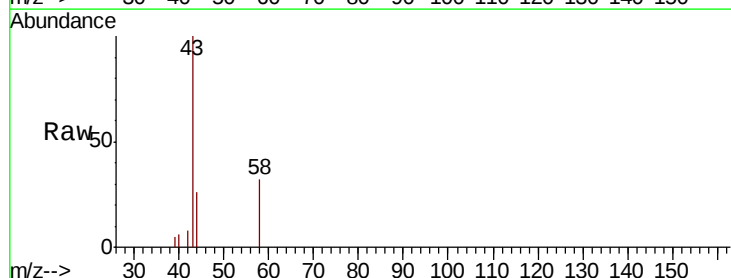
Instrument :
MSVOA_U
ClientSampleId :
MH-725

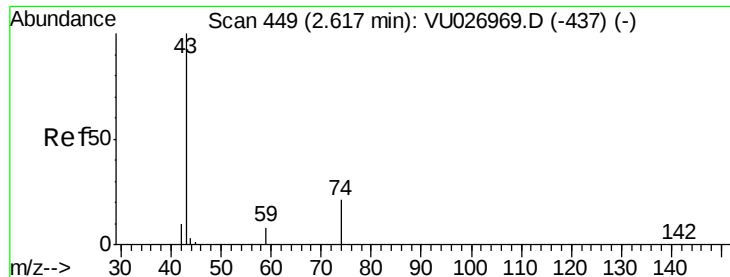
Tot Ion:168 Resp: 91079
Ion Ratio Lower Upper
168 100
99 63.1 48.1 72.1



#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

Tgt Ion: 43 Resp: 3903
Ion Ratio Lower Upper
43 100
58 31.6 24.6 36.8

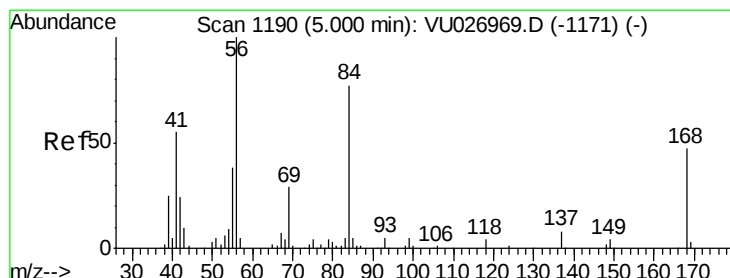
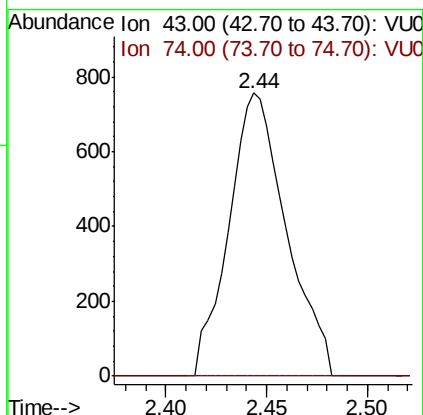
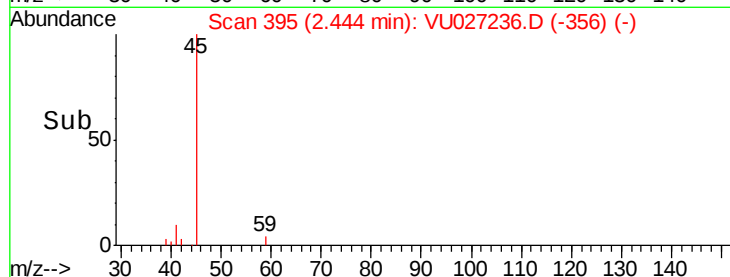
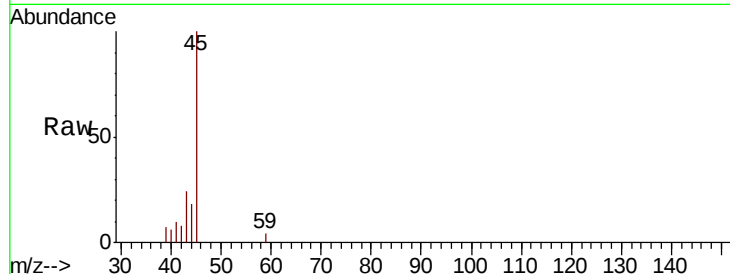




#18
Methyl Acetate
Concen: 0.577 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

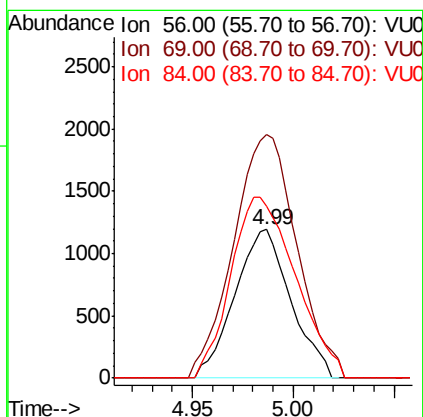
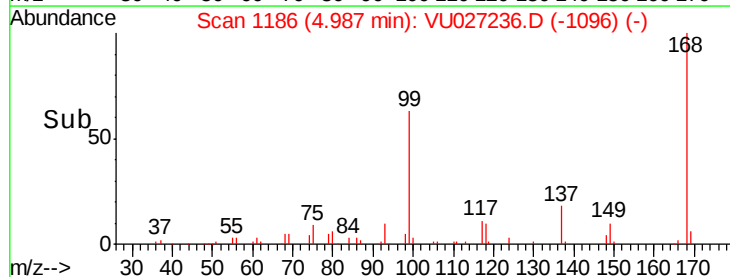
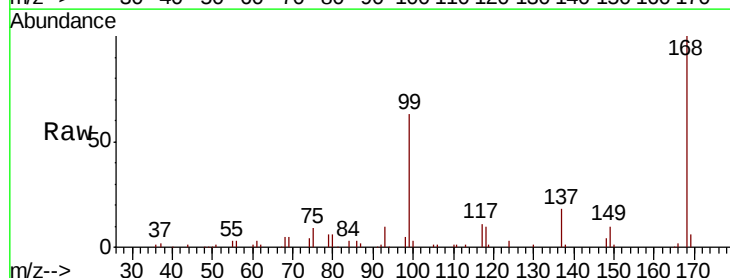
Instrument :
MSVOA_U
ClientSampleId :
MH-725

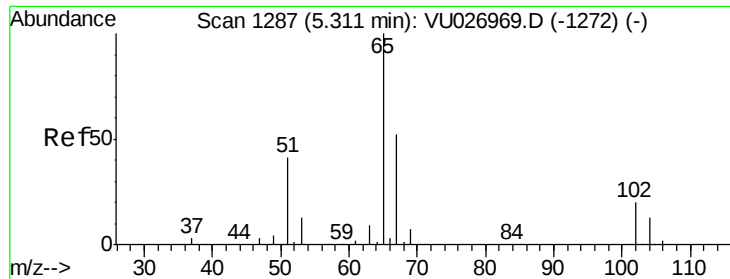
Tot Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.274 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

Tgt Ion: 56 Resp: 2310
Ion Ratio Lower Upper
56 100
69 163.7 23.0 34.4#
84 115.7 61.4 92.2#

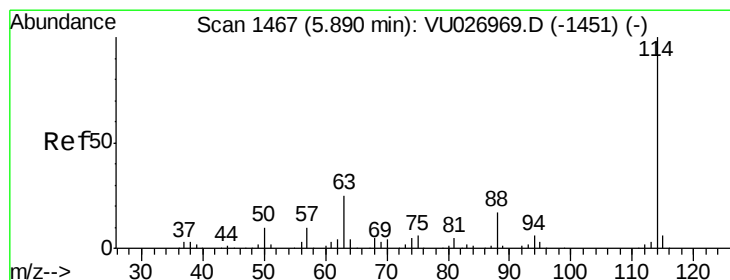
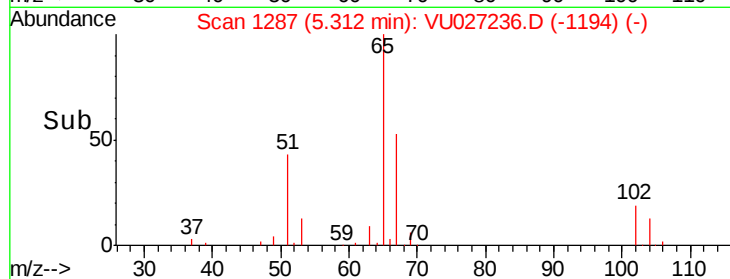
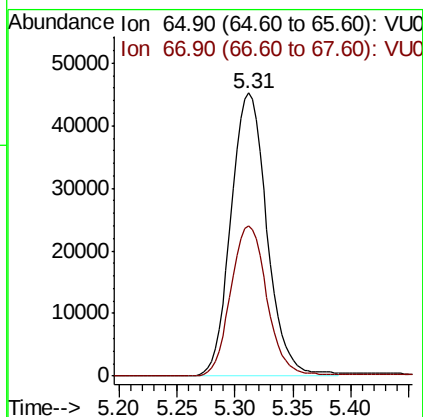
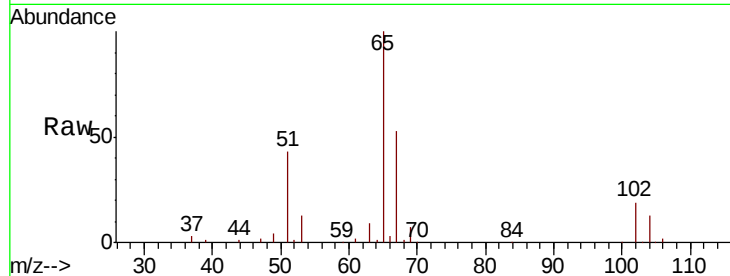




#33
 1,2-Dichloroethane-d4
 Concen: 53.321 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027236.D
 Acq: 27 Sep 2018 20:13

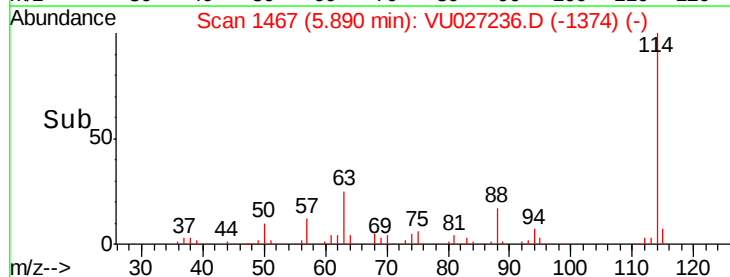
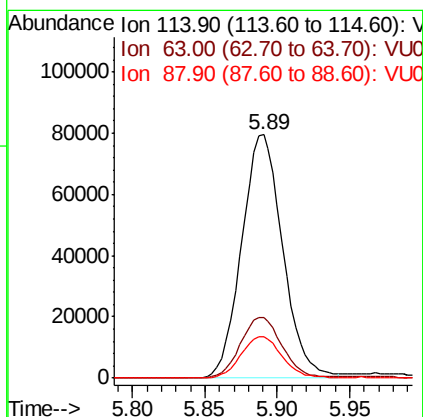
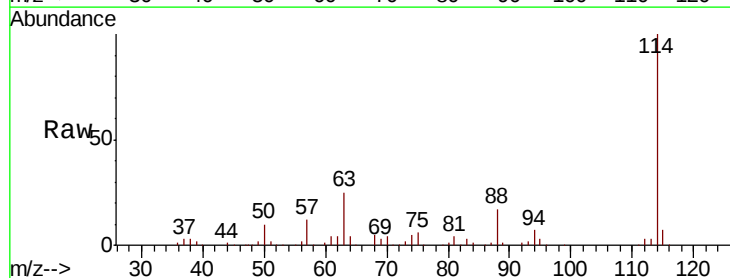
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-725

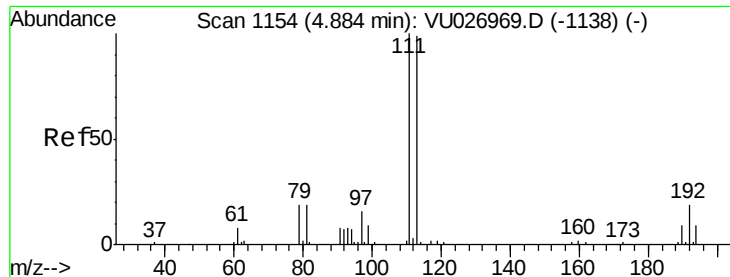
Tot Ion: 65 Resp: 97744
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027236.D
 Acq: 27 Sep 2018 20:13

Tgt Ion: 114 Resp: 156669
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.8 0.0 33.8

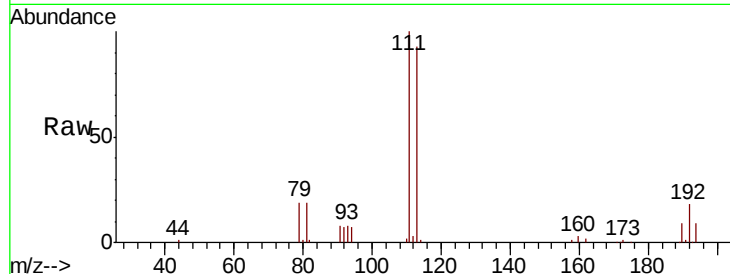




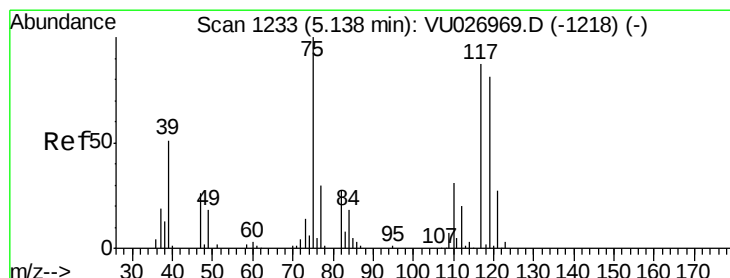
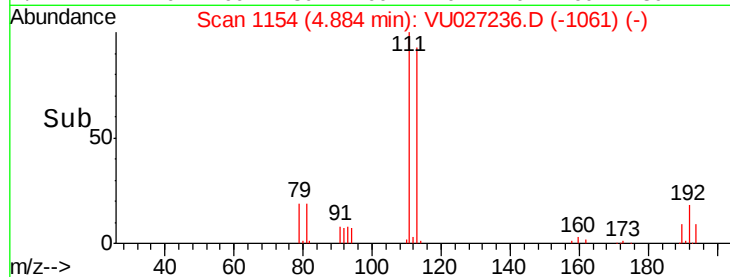
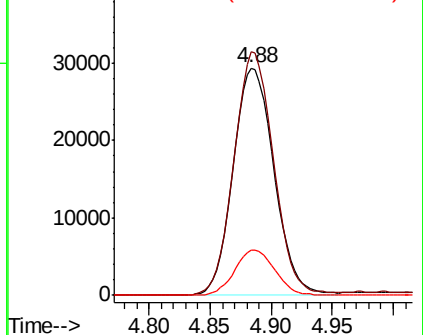
#35
 Dibromofluoromethane
 Concen: 50.392 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027236.D
 Acq: 27 Sep 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-725

Tot Ion:113 Resp: 68433
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.4
 192 19.4 15.2 22.8

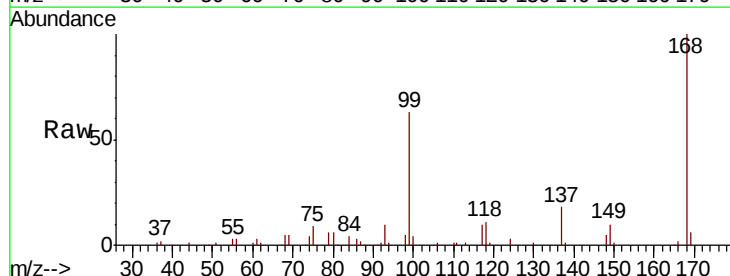


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

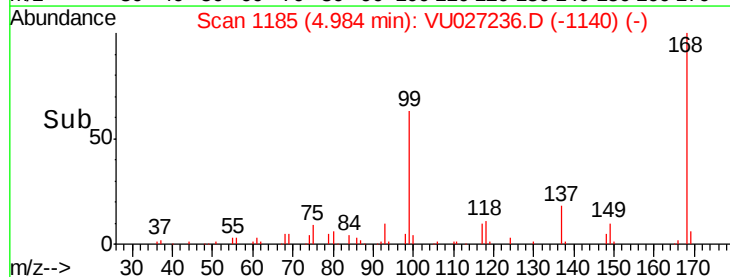
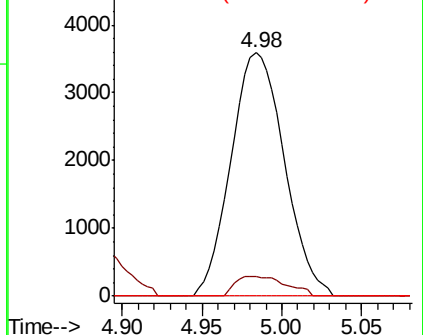


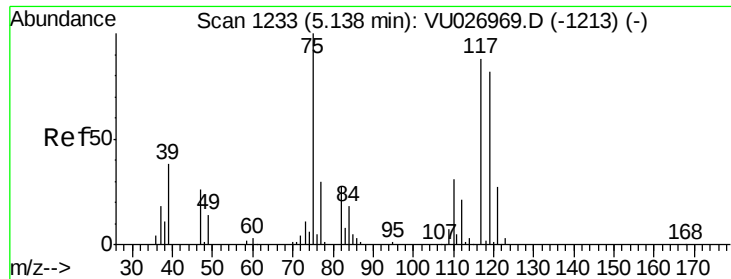
#36
 1,1-Dichloropropene
 Concen: 3.921 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027236.D
 Acq: 27 Sep 2018 20:13

Tgt Ion: 75 Resp: 8198
 Ion Ratio Lower Upper
 75 100
 110 7.6 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

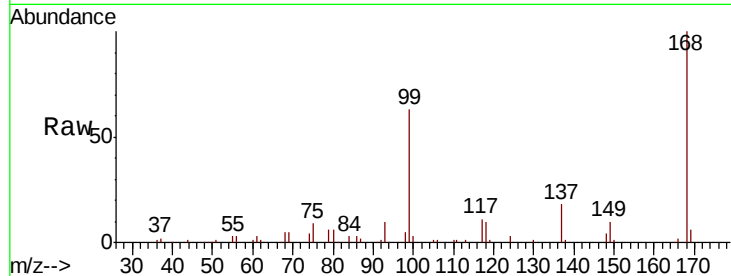




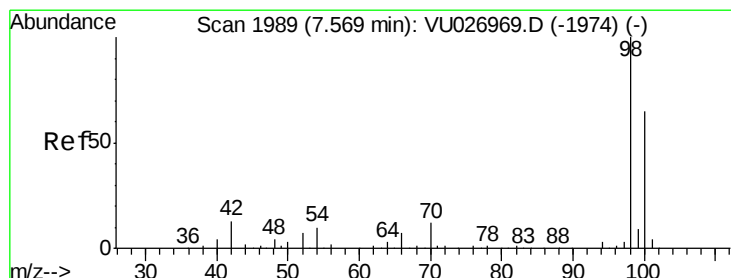
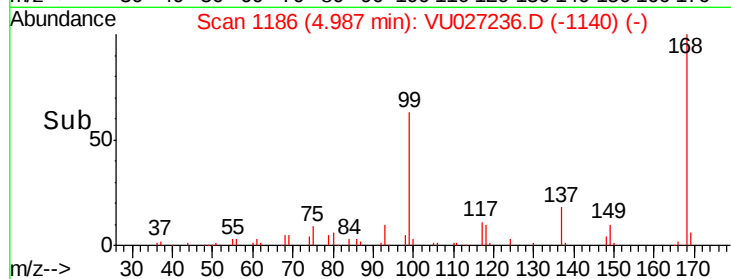
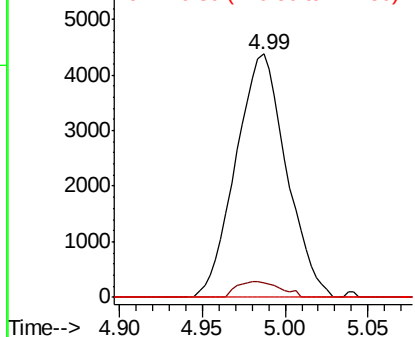
#38
Carbon Tetrachloride
Concen: 4.664 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
MH-725

Tot Ion:117 Resp: 9280
Ion Ratio Lower Upper
117 100
119 5.8 74.4 111.6#
121 0.0 24.2 36.4#

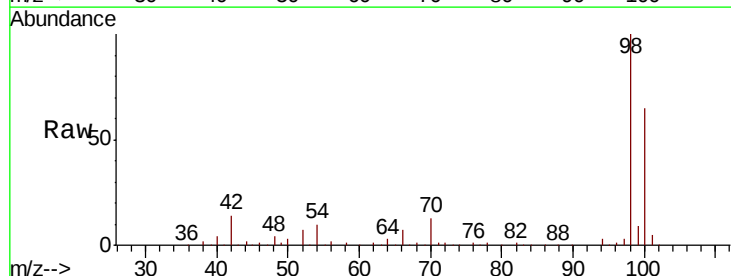


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

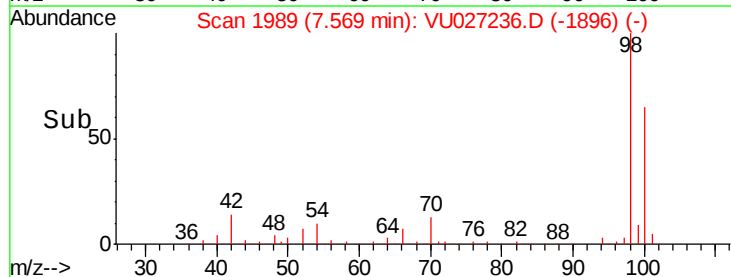
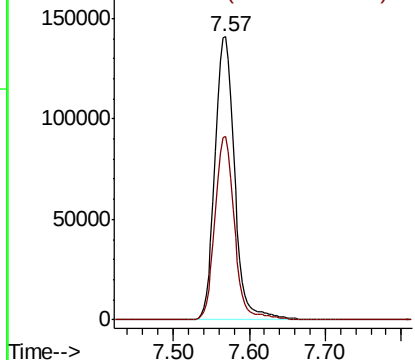


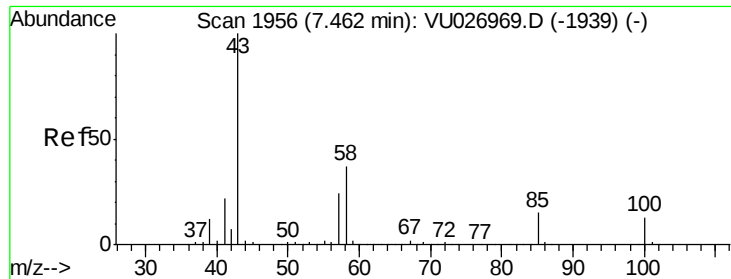
#50
Toluene-d8
Concen: 48.830 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

Tgt Ion: 98 Resp: 252718
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



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: 0.440 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VU027236.D

Acq: 27 Sep 2018 20:13

Instrument :

MSVOA_U

ClientSampleID :

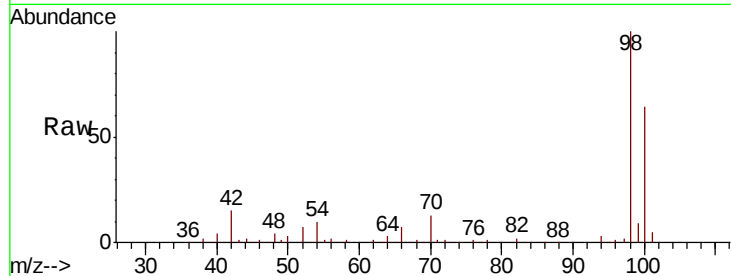
MH-725

Tot Ion: 43 Resp: 1221

Ion Ratio Lower Upper

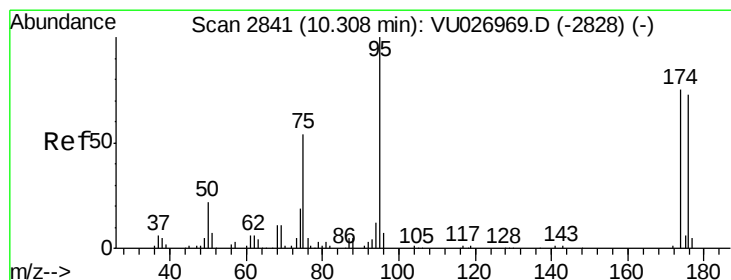
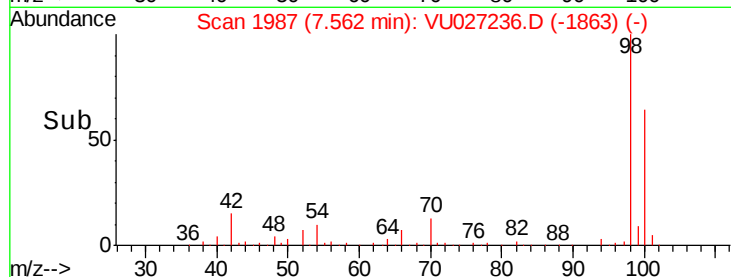
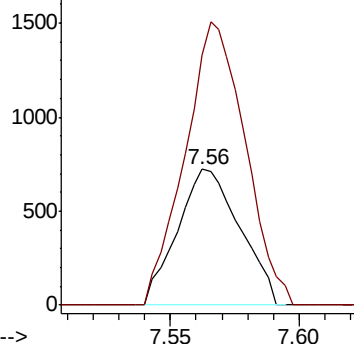
43 100

58 201.1 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.969 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027236.D

Acq: 27 Sep 2018 20:13

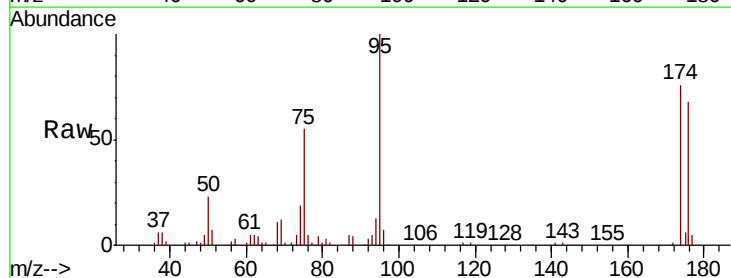
Tgt Ion: 95 Resp: 79859

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

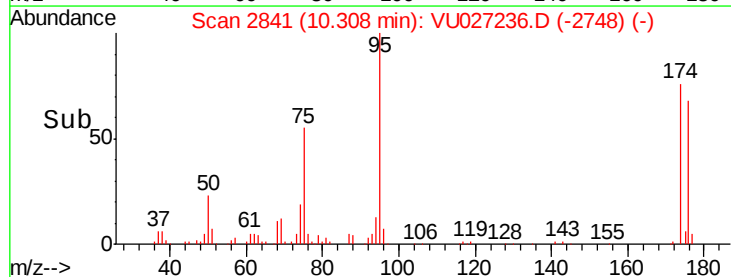
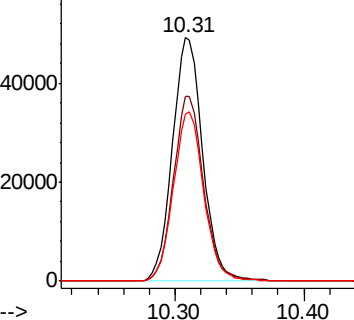
176 70.0 0.0 145.2

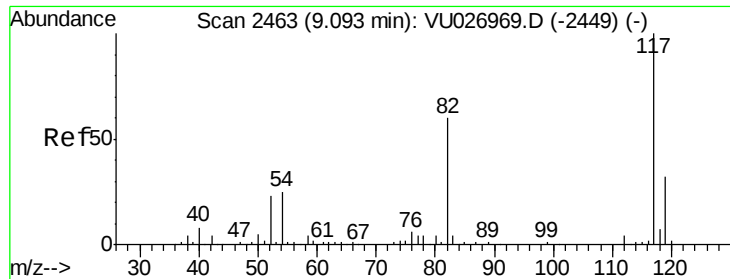


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

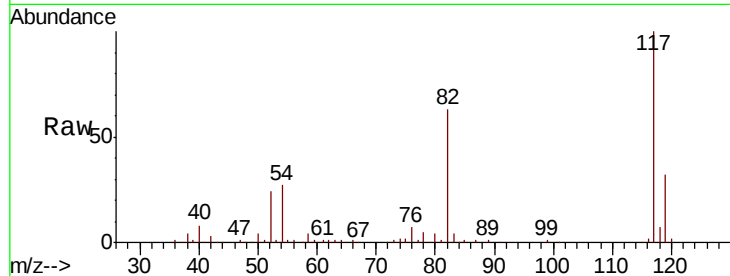




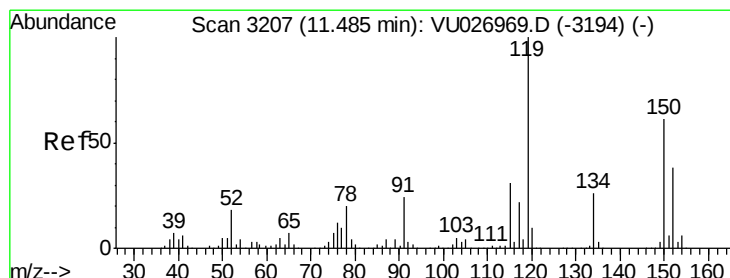
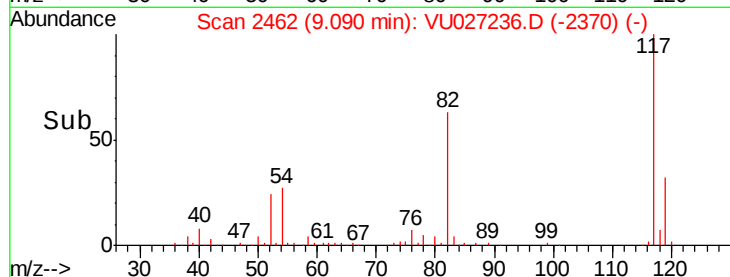
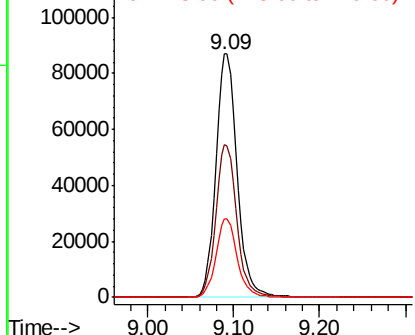
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
MH-725

Tot Ion:117 Resp: 150465
Ion Ratio Lower Upper
117 100
82 62.9 48.0 72.0
119 32.2 25.8 38.8

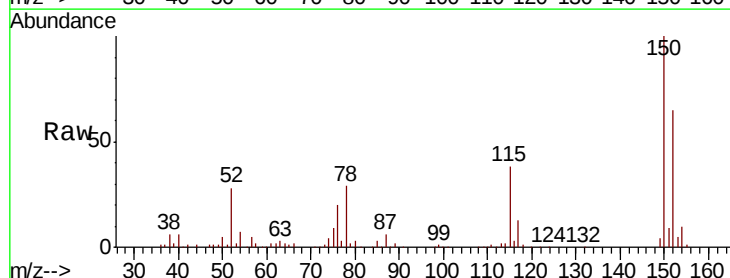


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

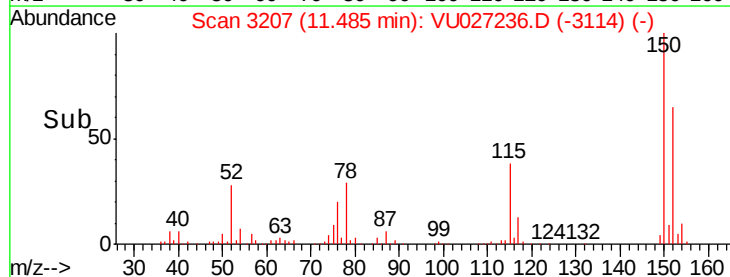
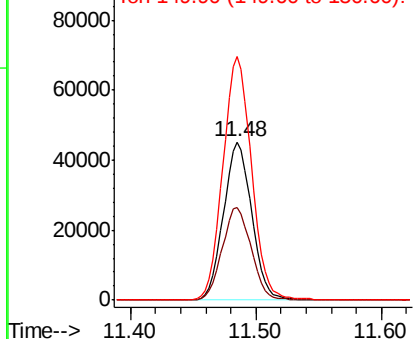


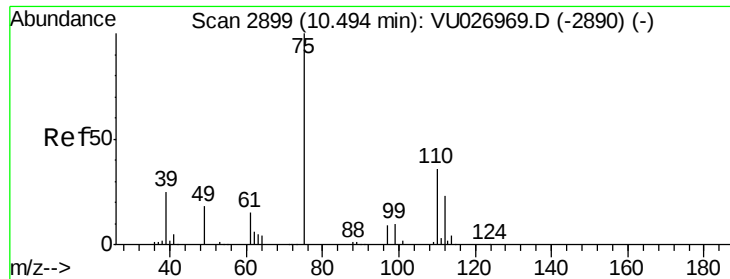
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027236.D
Acq: 27 Sep 2018 20:13

Tgt Ion:152 Resp: 70509
Ion Ratio Lower Upper
152 100
115 60.2 44.9 134.5
150 156.2 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: 19.971 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027236.D

Acq: 27 Sep 2018 20:13

Instrument :

MSVOA_U

ClientSampled :

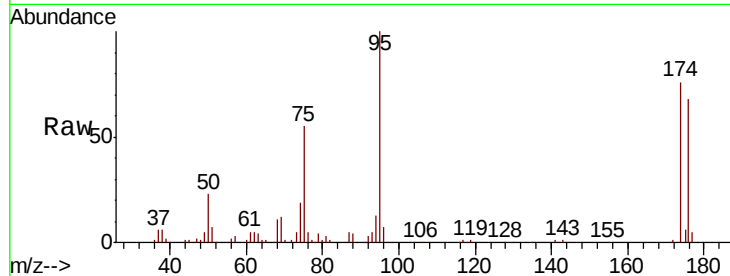
MH-725

Tot Ion: 75 Resp: 42779

Ion Ratio Lower Upper

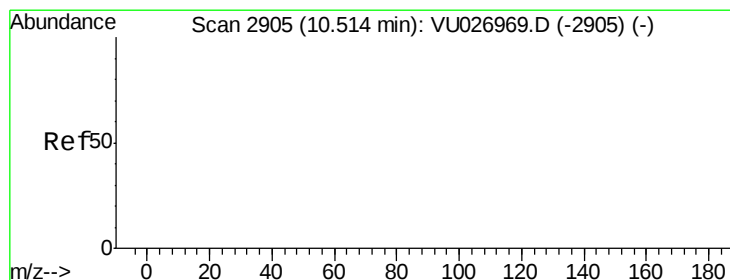
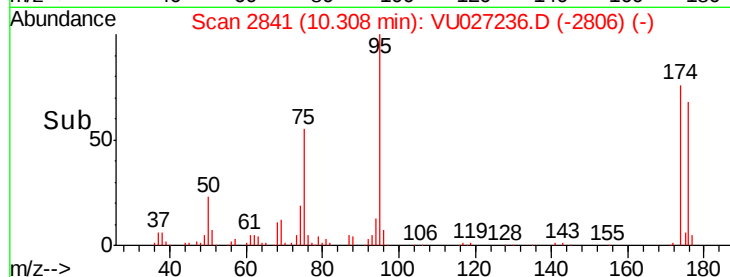
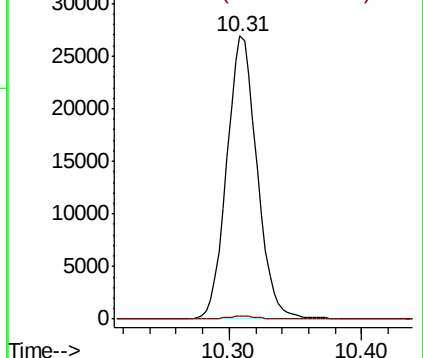
75 100

77 0.9 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: 63.911 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027236.D

Acq: 27 Sep 2018 20:13

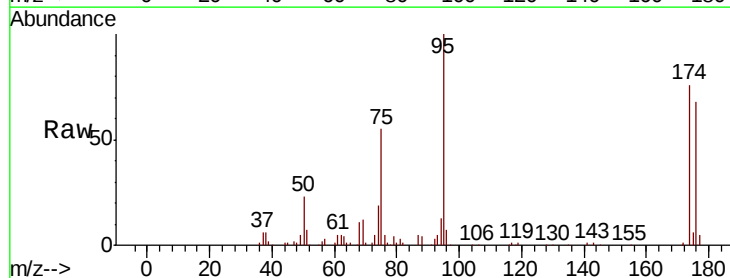
Tgt Ion: 75 Resp: 42779

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

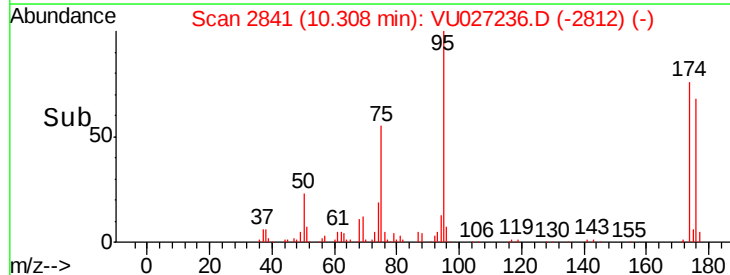
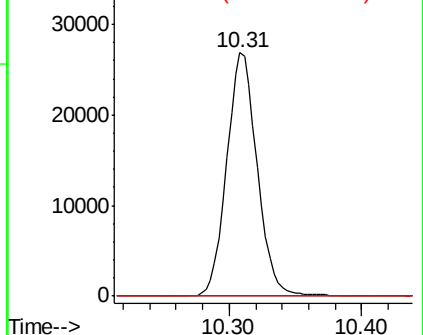
89 0.0 0.0 0.0

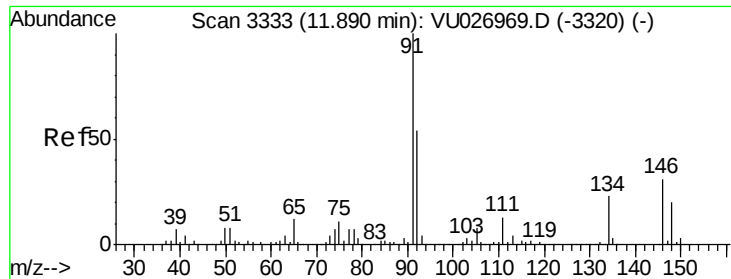


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

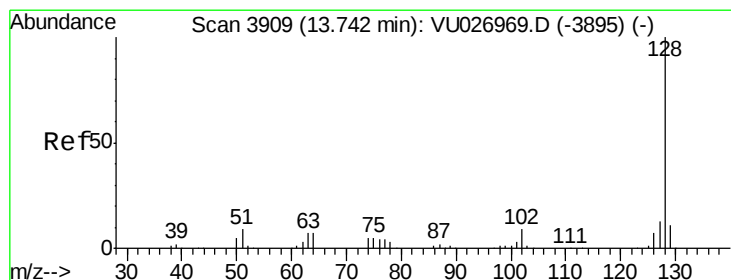
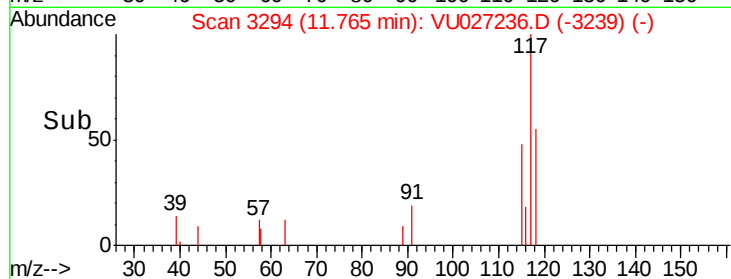
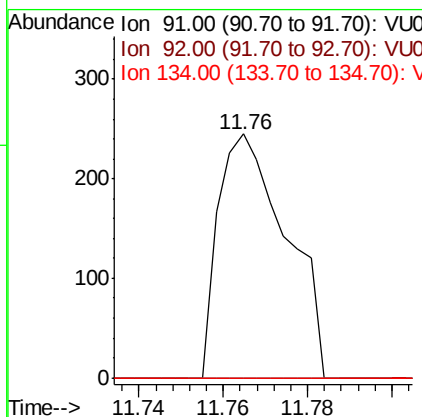
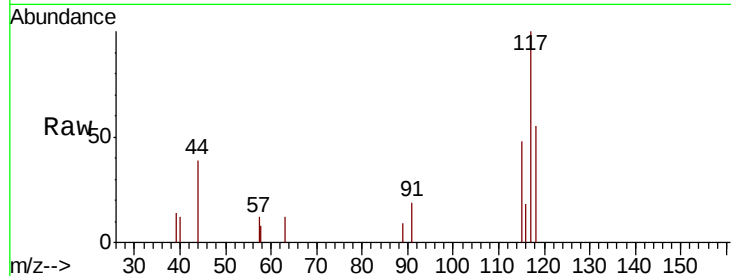




#89
 n-Butylbenzene
 Concen: 2.446 ug/l
 RT: 11.76 min Scan# 3294
 Delta R.T. -0.12 min
 Lab File: VU027236.D
 Acq: 27 Sep 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-725

Tot Ion: 91 Resp: 275
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.1 81.2#
 134 0.0 11.7 35.0#



#95
 Naphthalene
 Concen: 1.729 ug/l
 RT: 13.76 min Scan# 3916
 Delta R.T. 0.02 min
 Lab File: VU027236.D
 Acq: 27 Sep 2018 20:13

Tgt Ion: 128 Resp: 240
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 0.0 8.6 12.8#

