

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027160.D
 Acq On : 26 Sep 2018 04:48
 Operator : MD/SY
 Sample : J5032-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-19-092018

Quant Time: Sep 26 06:05:26 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	89376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154325	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65267	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	97334	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	
35) Dibromofluoromethane	4.89	113	66851	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	7.57	98	248978	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.31	95	76933	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	

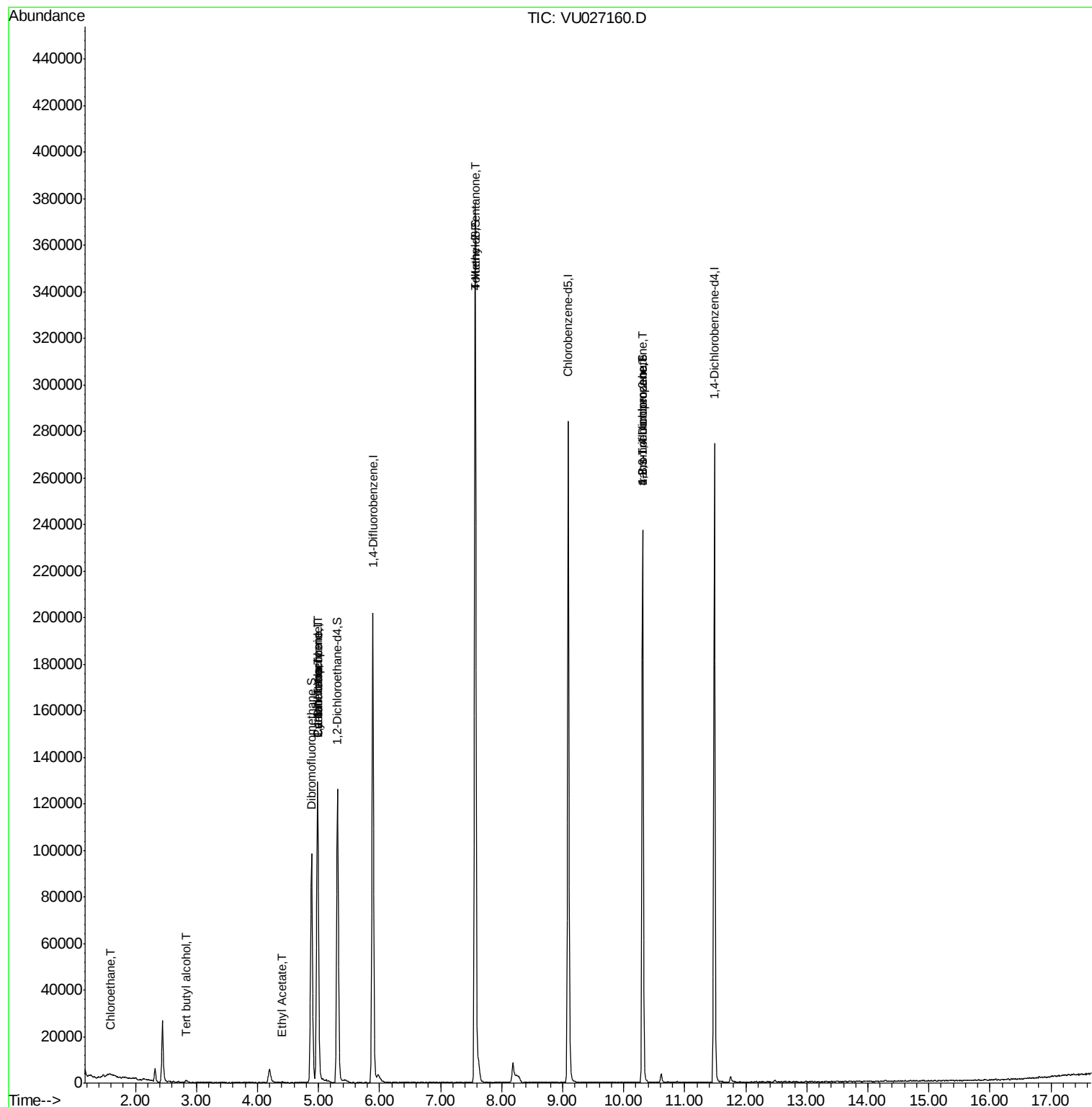
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.59	64	855	0.713	ug/l #	43
11) Tert butyl alcohol	2.84	59	850	2.062	ug/l #	72
16) Acetone	2.32	43	6120	Below Cal		97
31) Cyclohexane	4.99	56	2406	0.326	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8606	4.178	ug/l #	50
37) Ethyl Acetate	4.40	43	699	0.251	ug/l #	70
38) Carbon Tetrachloride	4.99	117	9984	5.094	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1319	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43557	21.968	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	43557	70.300	ug/l #	100

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

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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: VU027160.D

Acq: 26 Sep 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

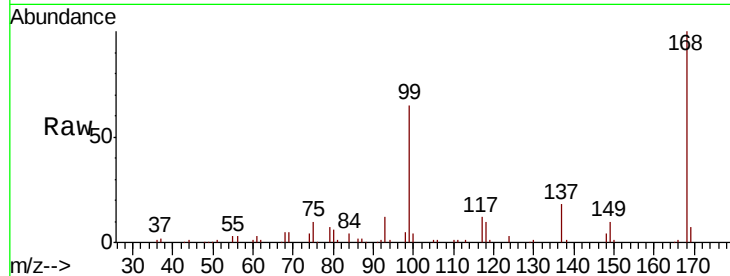
MW-19-092018

Tot Ion:168 Resp: 89376

Ion Ratio Lower Upper

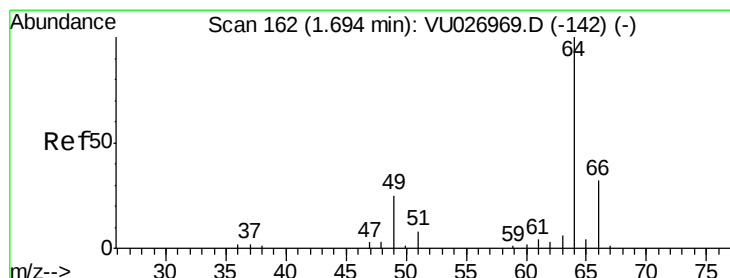
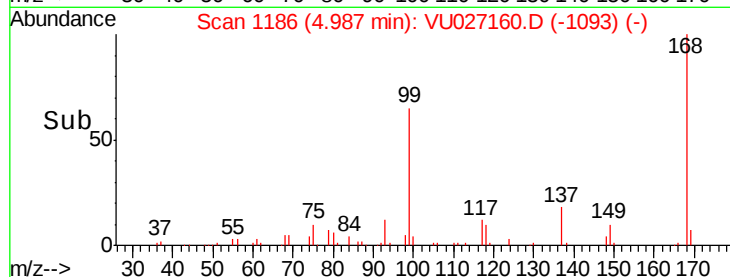
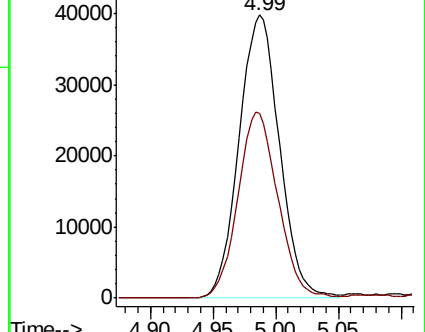
168 100

99 65.3 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#6

Chloroethane

Concen: 0.713 ug/l

RT: 1.59 min Scan# 129

Delta R.T. -0.11 min

Lab File: VU027160.D

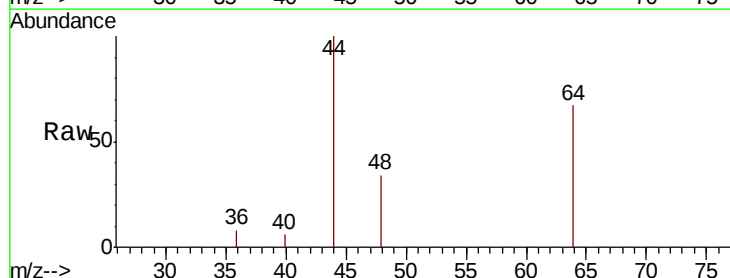
Acq: 26 Sep 2018 04:48

Tgt Ion: 64 Resp: 855

Ion Ratio Lower Upper

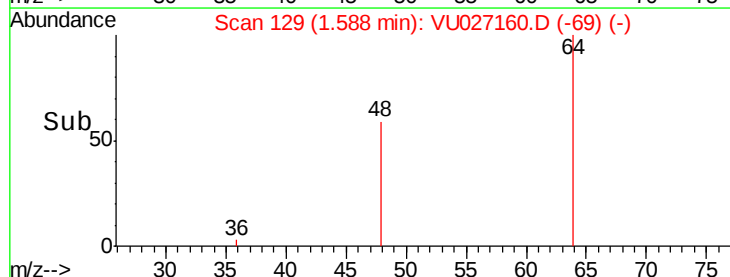
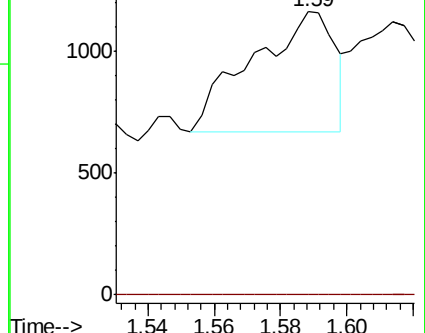
64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)



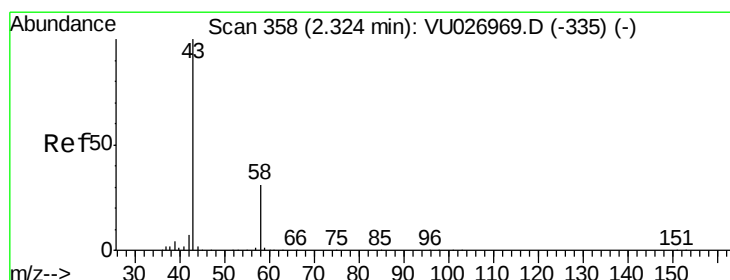
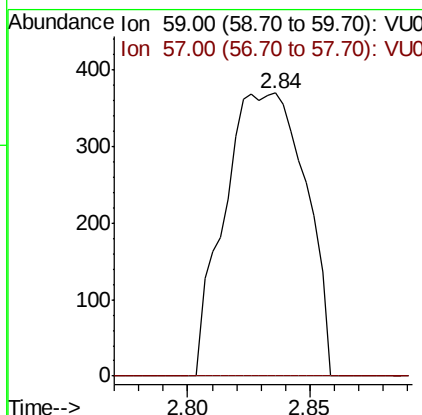
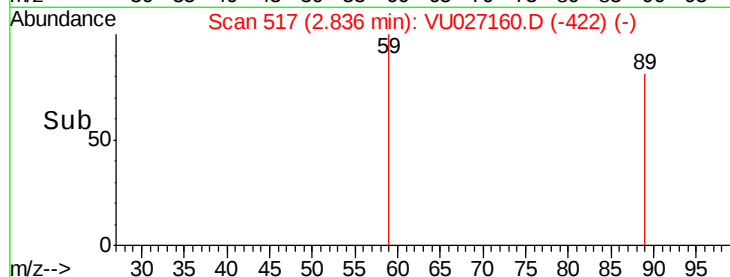
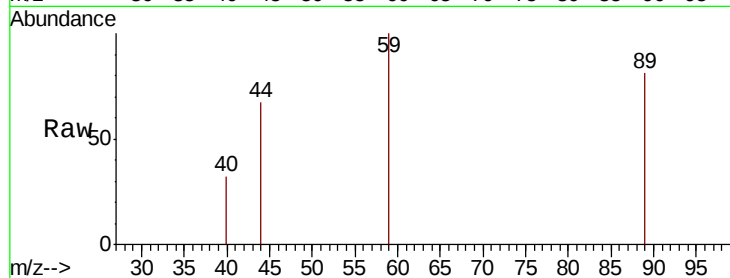


#11

Tert butyl alcohol
 Concen: 2.062 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-19-092018

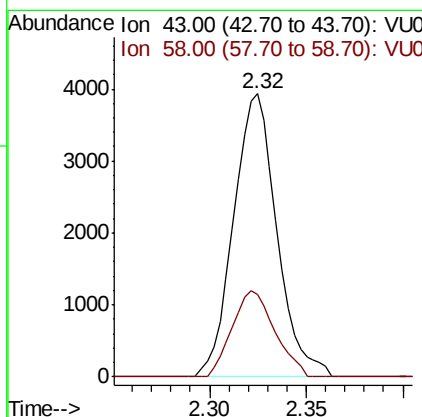
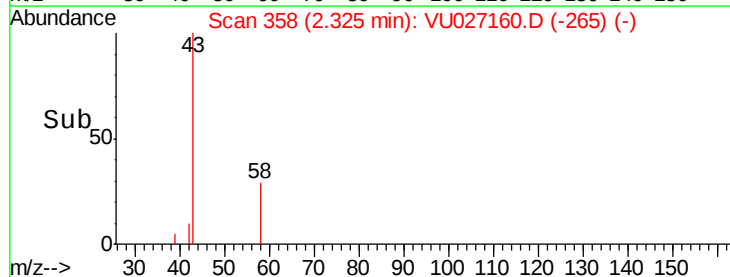
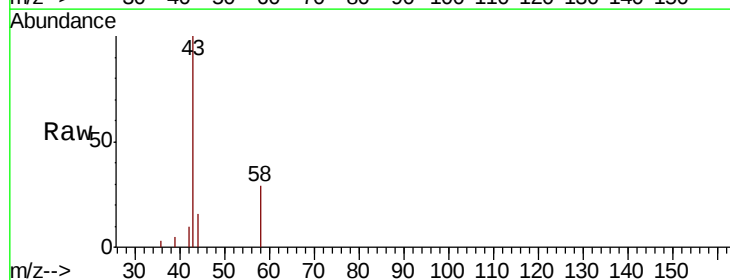
Tot Ion: 59 Resp: 850
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

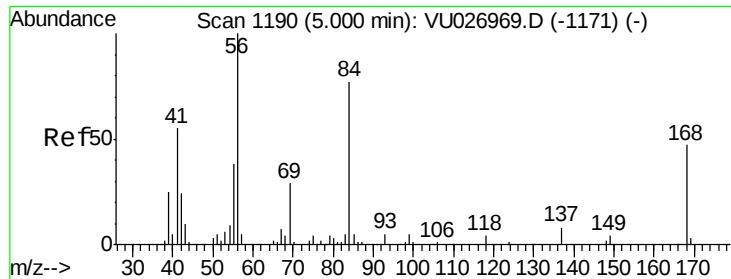


#16

Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Tgt Ion: 43 Resp: 6120
 Ion Ratio Lower Upper
 43 100
 58 29.3 24.6 36.8

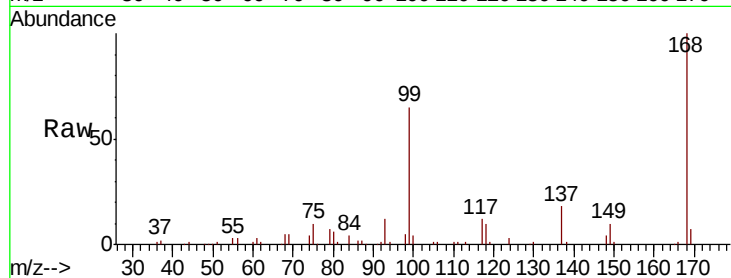




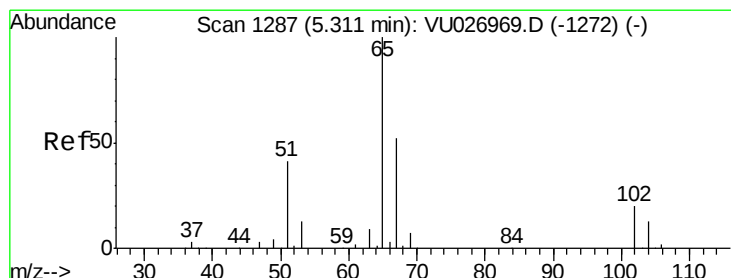
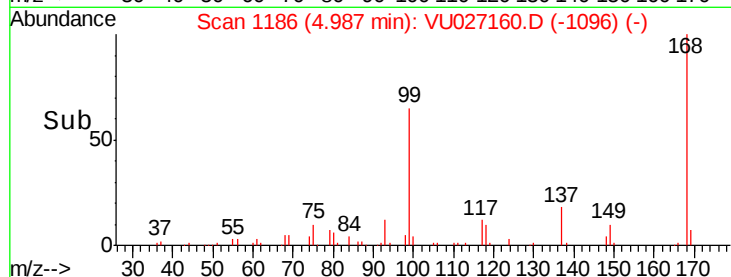
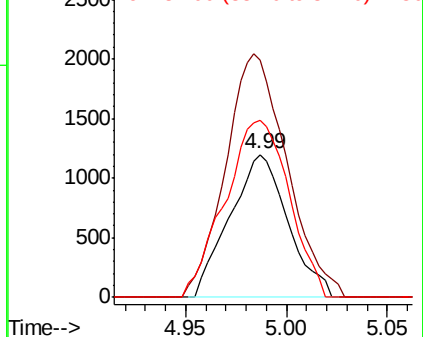
#31
Cyclohexane
Concen: 0.326 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027160.D
Acq: 26 Sep 2018 04:48

Instrument :
MSVOA_U
ClientSampleId :
MW-19-092018

Tot Ion: 56 Resp: 2406
Ion Ratio Lower Upper
56 100
69 158.0 23.0 34.4#
84 124.4 61.4 92.2#

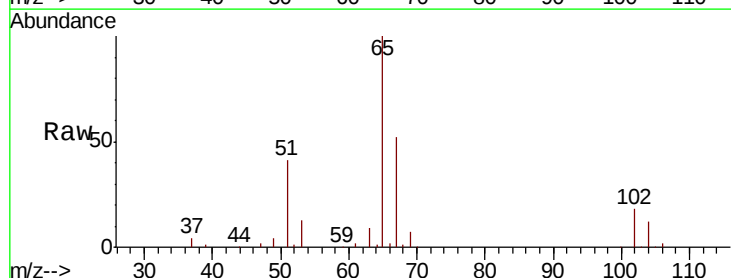


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

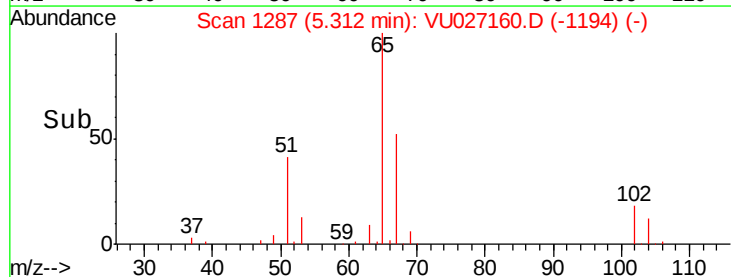
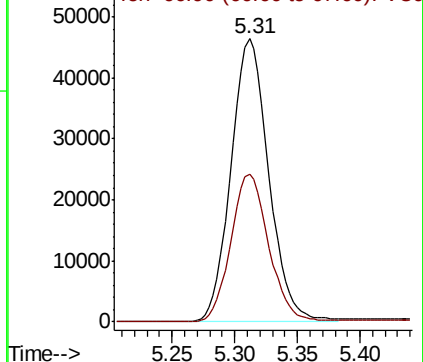


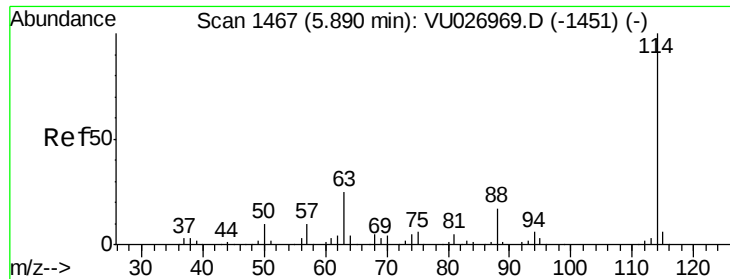
#33
1,2-Dichloroethane-d4
Concen: 54.109 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027160.D
Acq: 26 Sep 2018 04:48

Tgt Ion: 65 Resp: 97334
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6



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

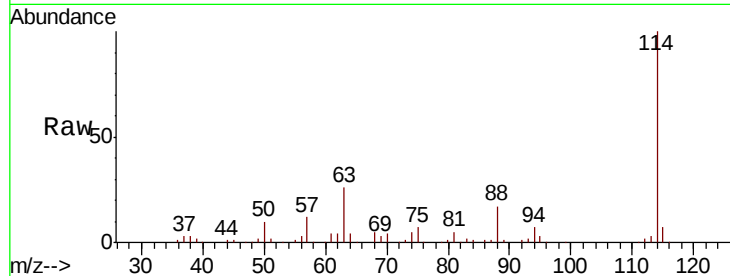




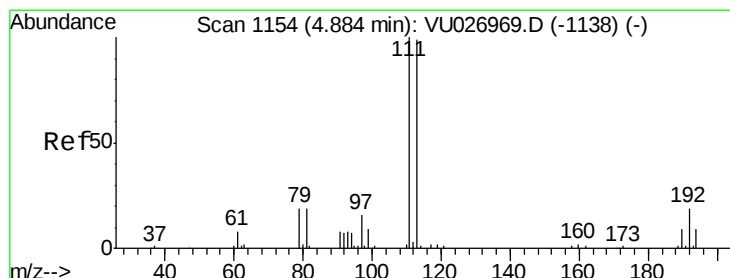
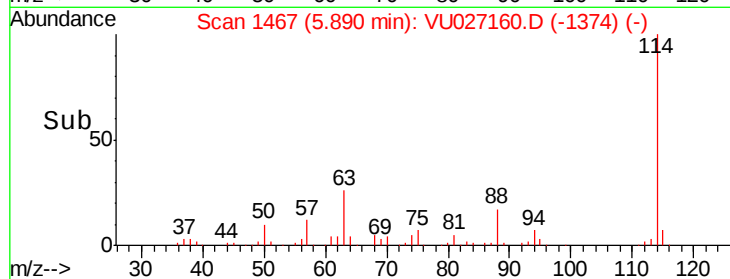
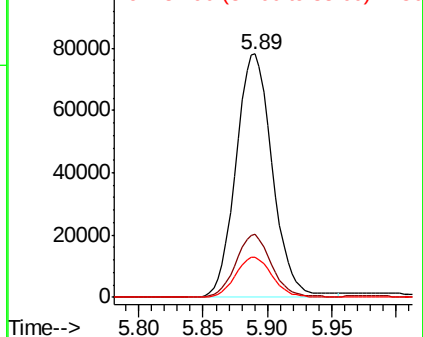
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Instrument :
 MSVOA_U
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 MW-19-092018

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.7	0.0	49.2
88	16.6	0.0	33.8

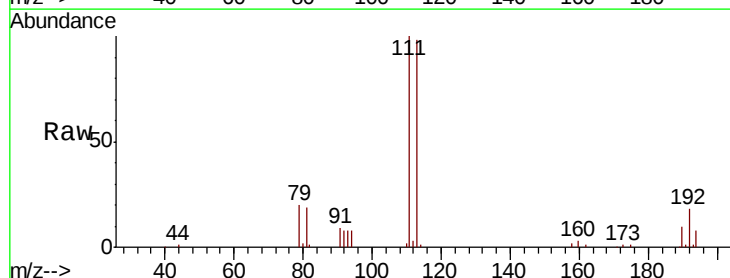


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

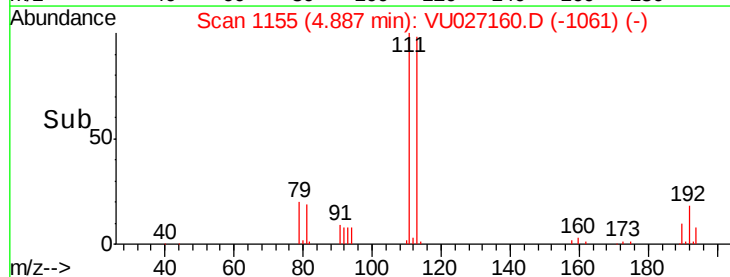
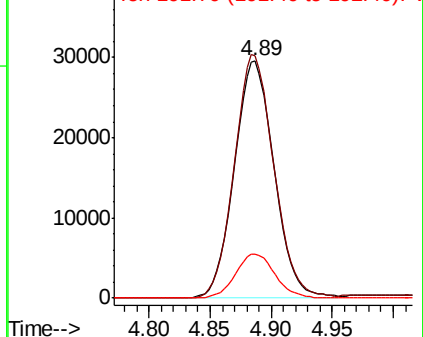


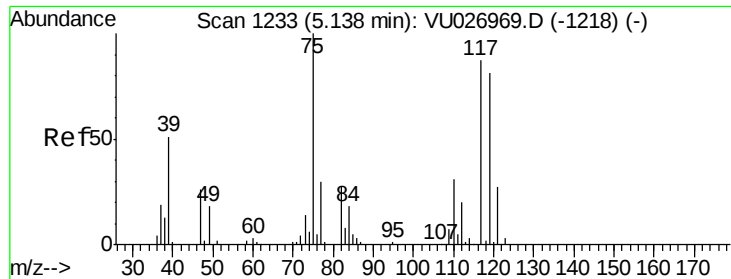
#35
 Dibromofluoromethane
 Concen: 49.975 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	18.3	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

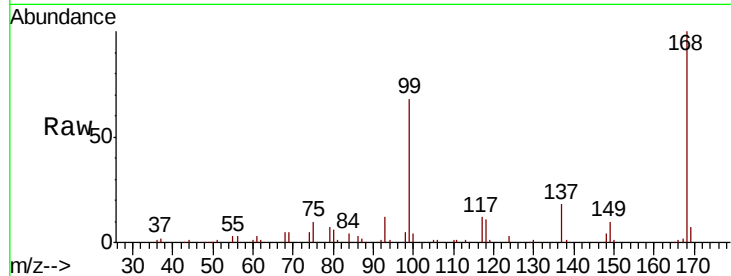




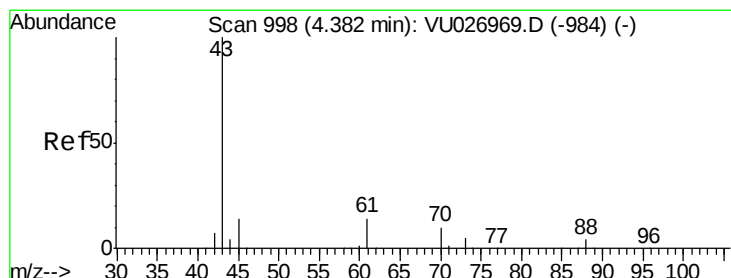
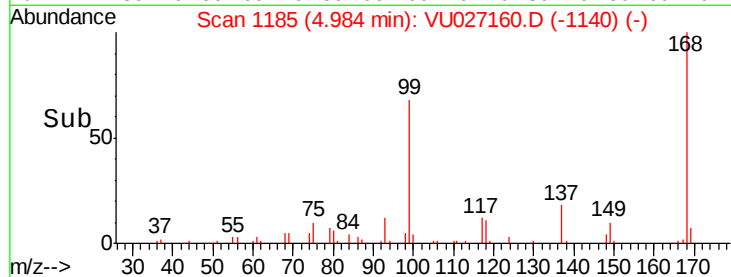
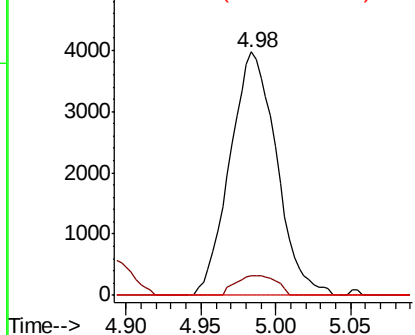
#36
 1,1-Dichloropropene
 Concen: 4.178 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-19-092018

Tot Ion: 75 Resp: 8606
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.6 36.8#

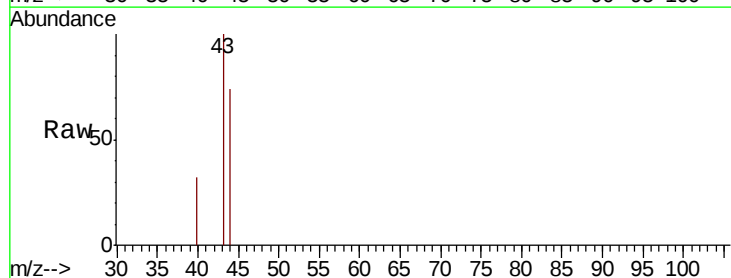


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

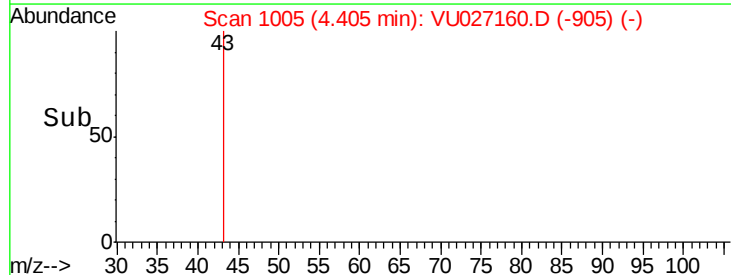
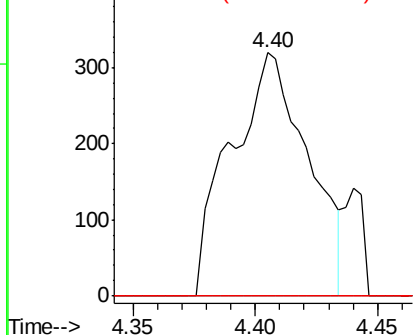


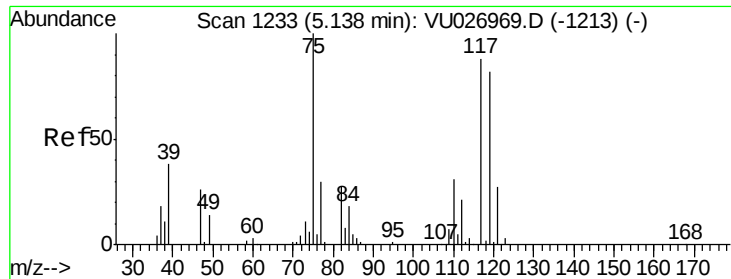
#37
 Ethyl Acetate
 Concen: 0.251 ug/l
 RT: 4.40 min Scan# 1005
 Delta R.T. 0.02 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Tgt Ion: 43 Resp: 699
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 5.094 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027160.D

Acq: 26 Sep 2018 04:48

Instrument :

MSVOA_U

ClientSampleId :

MW-19-092018

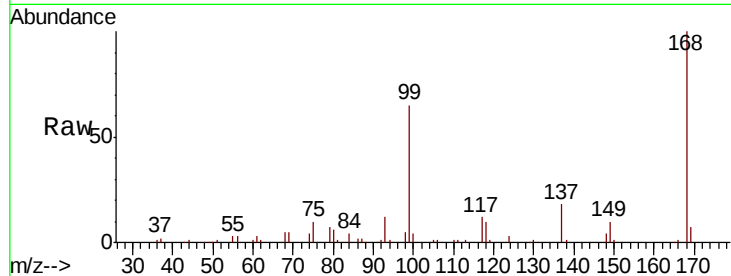
Tot Ion:117 Resp: 9984

Ion Ratio Lower Upper

117 100

119 5.1 74.4 111.6#

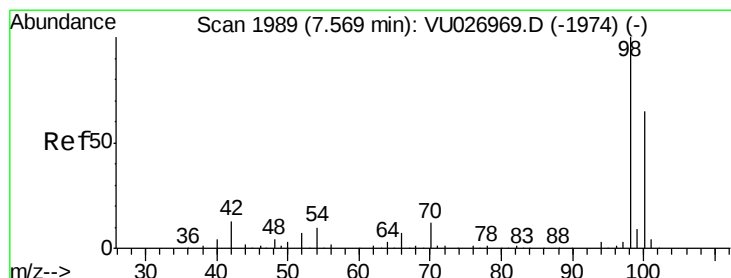
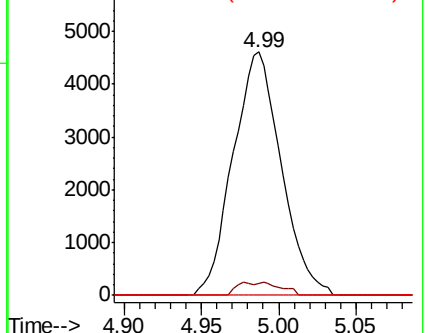
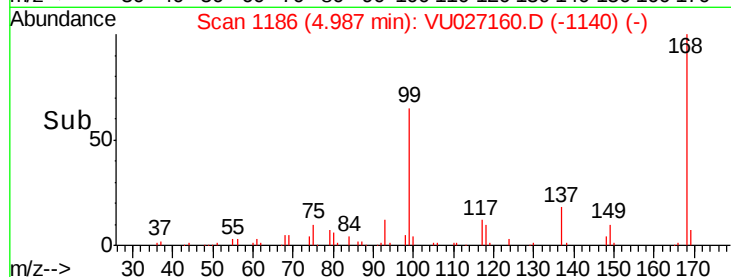
121 0.0 24.2 36.4#



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: 48.838 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027160.D

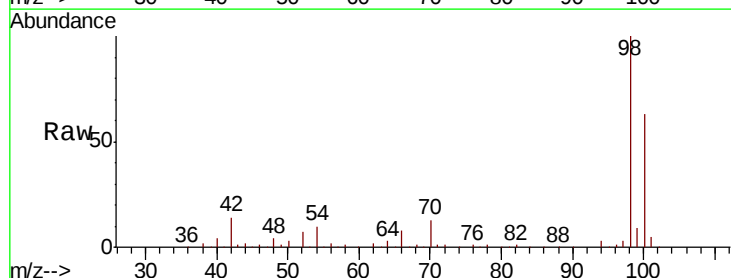
Acq: 26 Sep 2018 04:48

Tgt Ion: 98 Resp: 248978

Ion Ratio Lower Upper

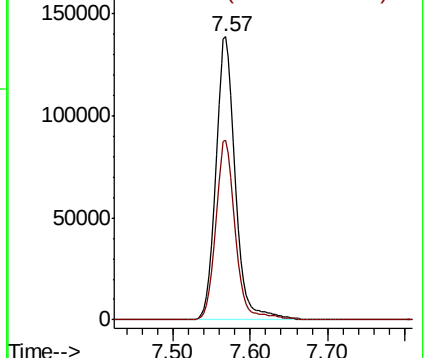
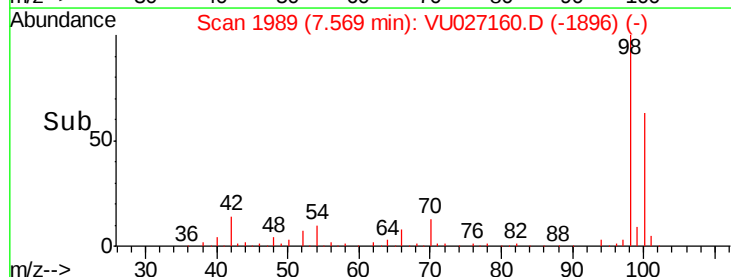
98 100

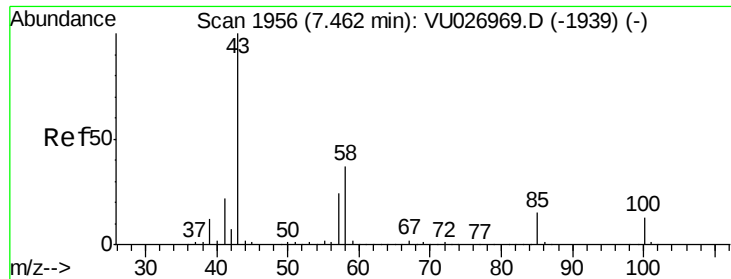
100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

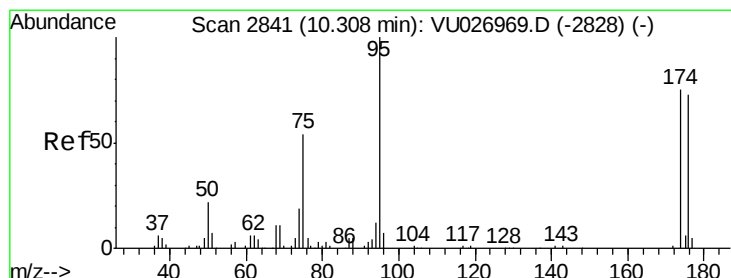
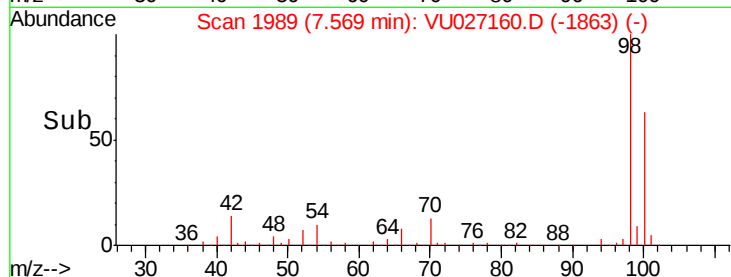
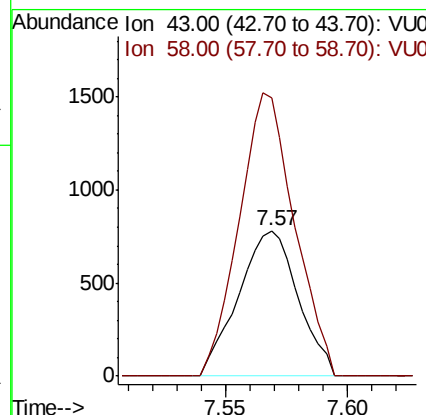
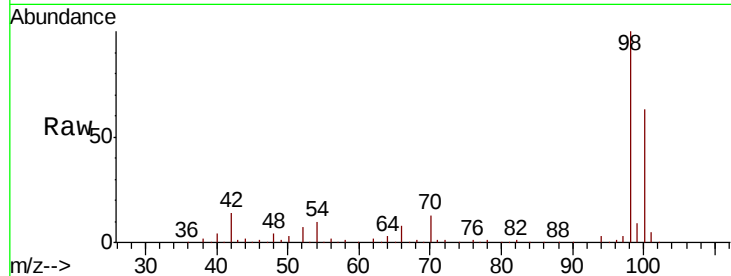




#51
 4-Methyl-2-Pentanone
 Concen: 0.482 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

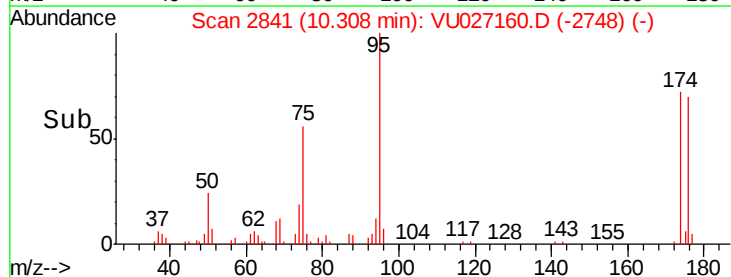
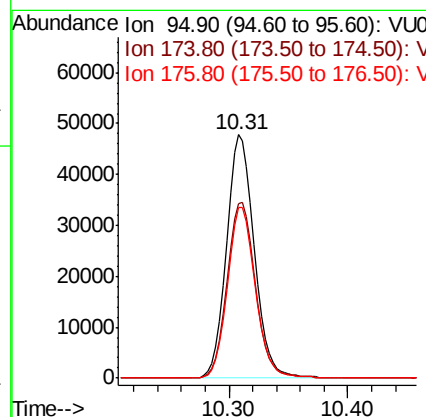
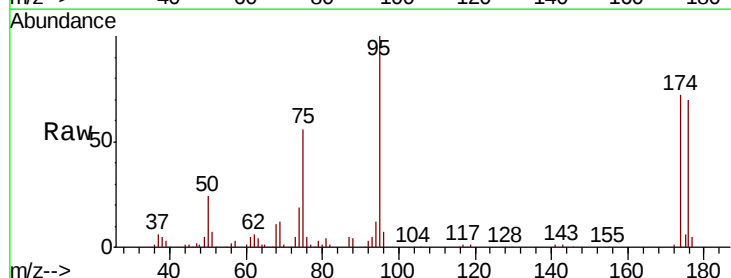
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-19-092018

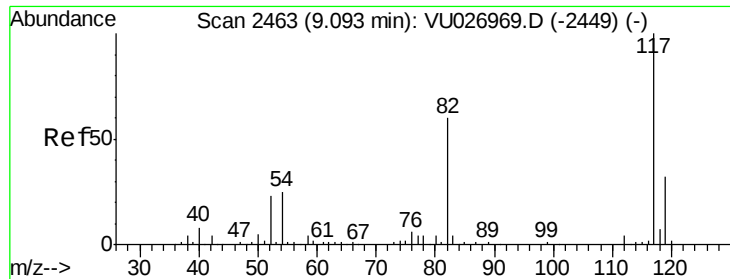
Tot Ion: 43 Resp: 1319
 Ion Ratio Lower Upper
 43 100
 58 181.0 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 43.980 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Tgt Ion: 95 Resp: 76933
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 150.2
 176 71.0 0.0 145.2

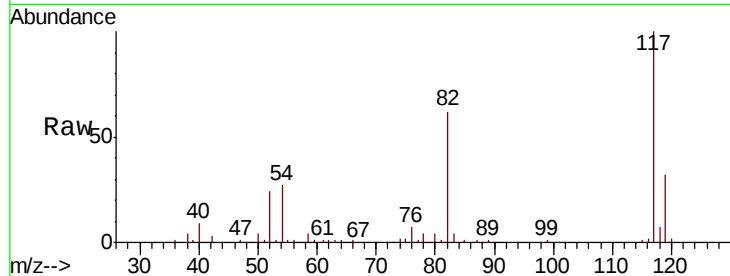




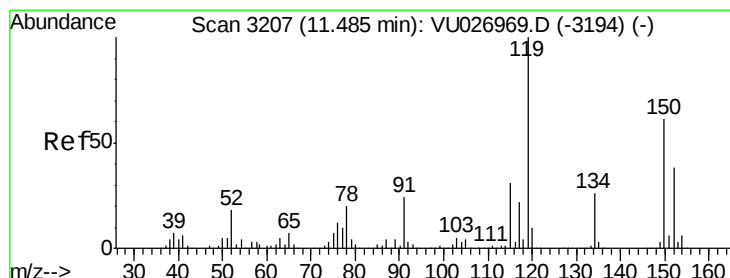
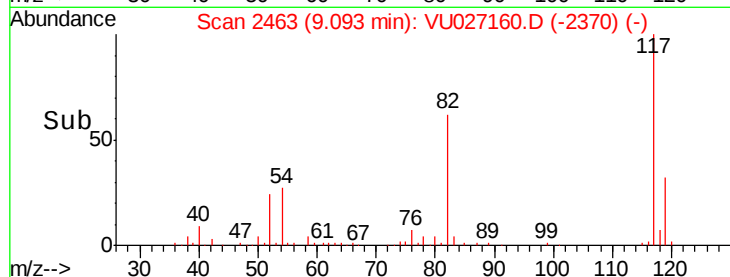
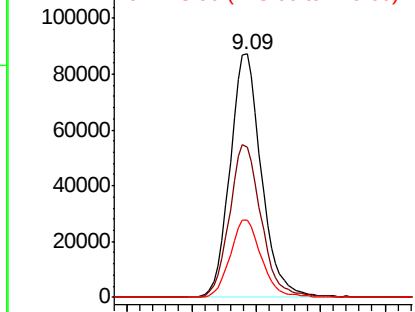
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027160.D
Acq: 26 Sep 2018 04:48

Instrument :
MSVOA_U
ClientSampleId :
MW-19-092018

Tot Ion:117 Resp: 147141
Ion Ratio Lower Upper
117 100
82 61.9 48.0 72.0
119 31.8 25.8 38.8

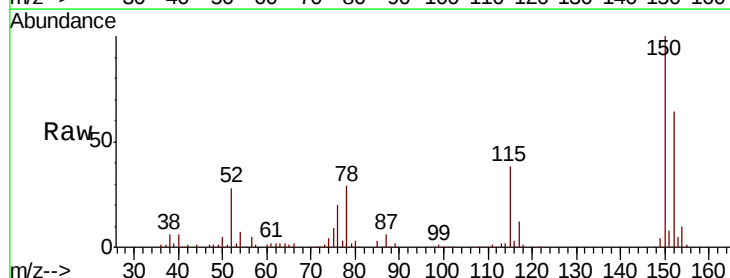


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

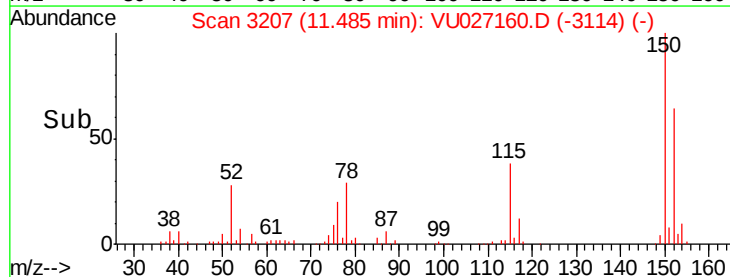
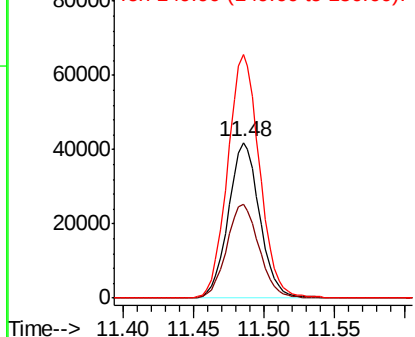


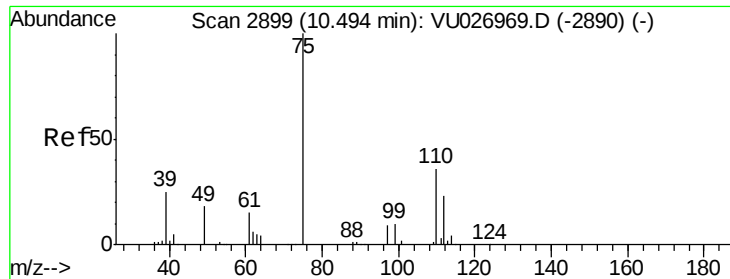
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027160.D
Acq: 26 Sep 2018 04:48

Tgt Ion:152 Resp: 65267
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 158.9 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

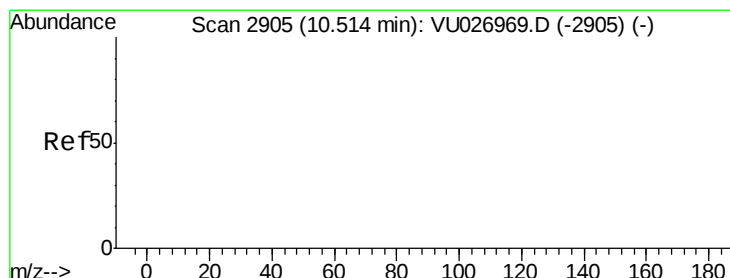
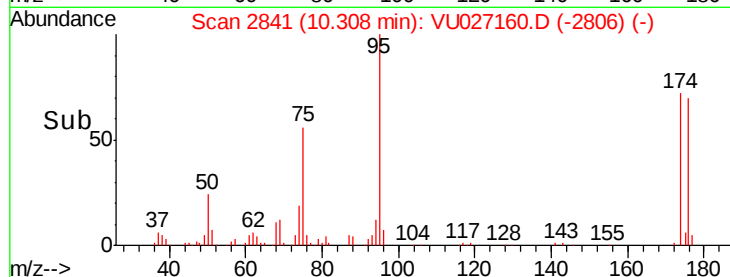
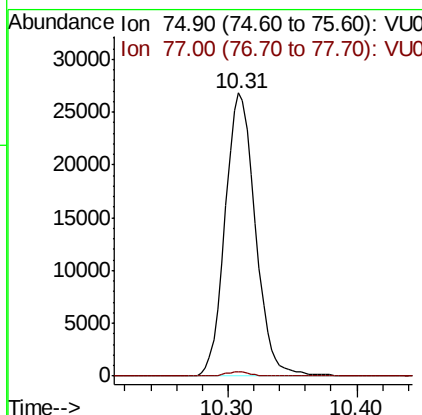
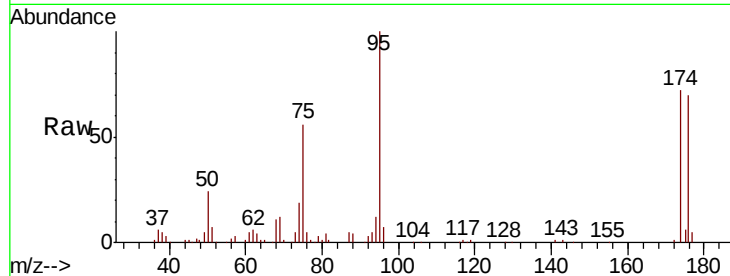




#76
 1,2,3-Trichloropropane
 Concen: 21.968 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-19-092018

Tot Ion: 75 Resp: 43557
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.300 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027160.D
 Acq: 26 Sep 2018 04:48

Tgt Ion: 75 Resp: 43557
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

