

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026985.D
 Acq On : 21 Sep 2018 22:25
 Operator : MD/SY
 Sample : J4916-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW09I1-20180911

Quant Time: Sep 22 02:24:14 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	79340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157064	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	159413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76976	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	90896	56.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.84%	
35) Dibromofluoromethane	4.88	113	69720	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	7.57	98	244196	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	10.31	95	86815	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	

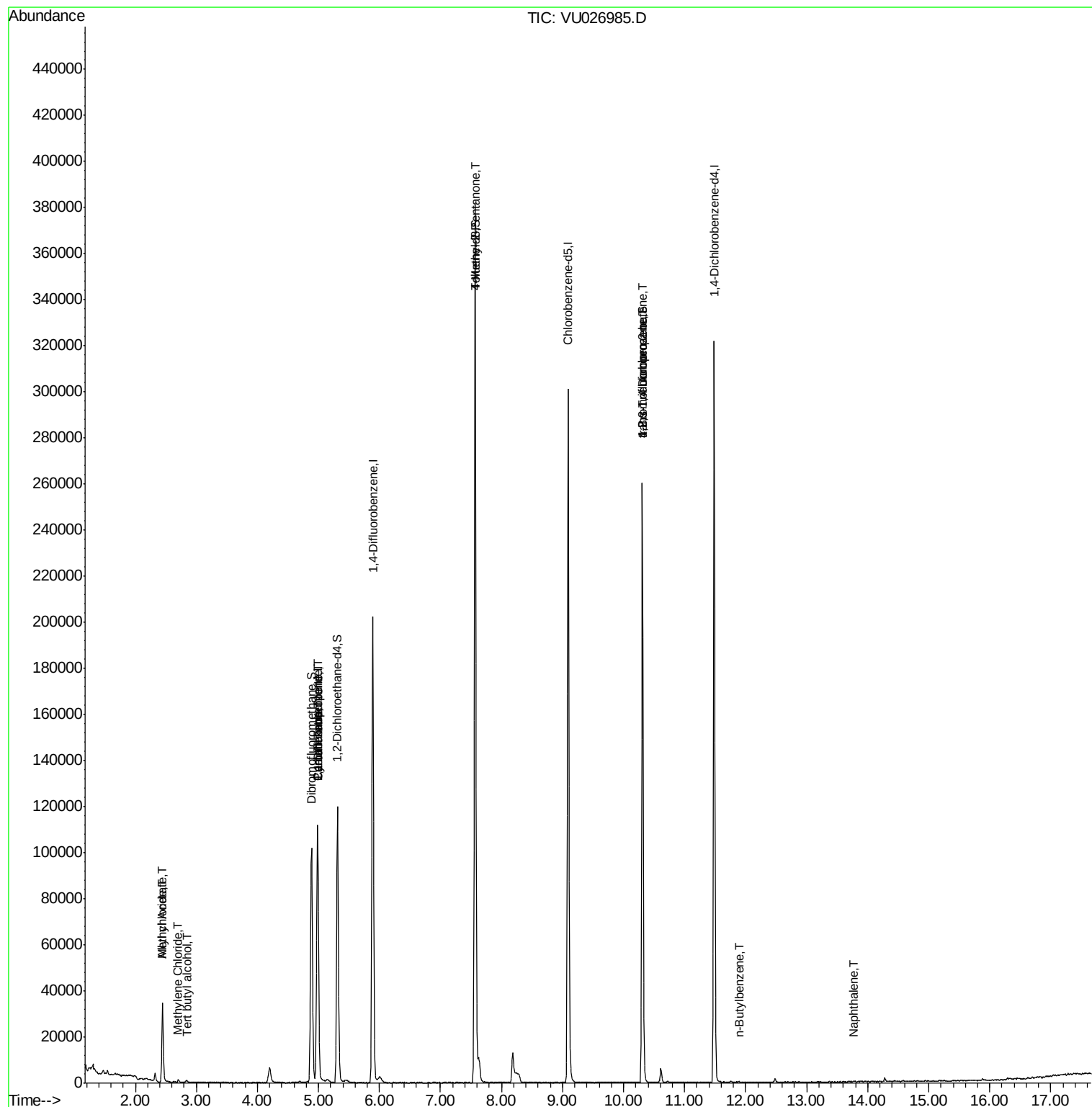
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	714	1.951	ug/l #	72
14) Allyl chloride	2.44	41	3262	1.468	ug/l #	71
16) Acetone	2.32	43	3985	Below Cal		91
18) Methyl Acetate	2.44	43	8394	3.693	ug/l #	55
20) Methylene Chloride	2.70	84	428	0.299	ug/l #	70
31) Cyclohexane	4.98	56	2020	0.277	ug/l #	18
36) 1,1-Dichloropropene	4.99	75	7368	3.515	ug/l #	49
38) Carbon Tetrachloride	4.99	117	8270	4.146	ug/l #	18
51) 4-Methyl-2-Pentanone	7.56	43	1326	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	46432	19.855	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	46432	63.541	ug/l #	100
89) n-Butylbenzene	11.89	91	142	2.418	ug/l #	33
95) Naphthalene	13.77	128	198	1.719	ug/l #	69

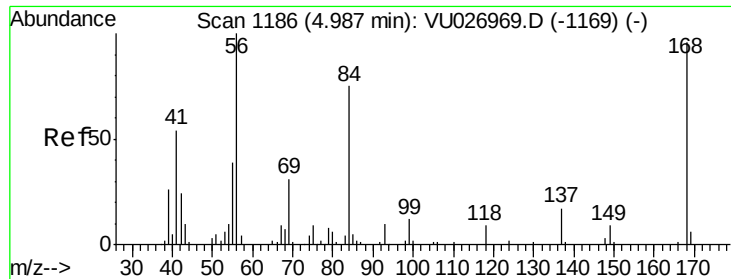
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU026985.D

Acq: 21 Sep 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

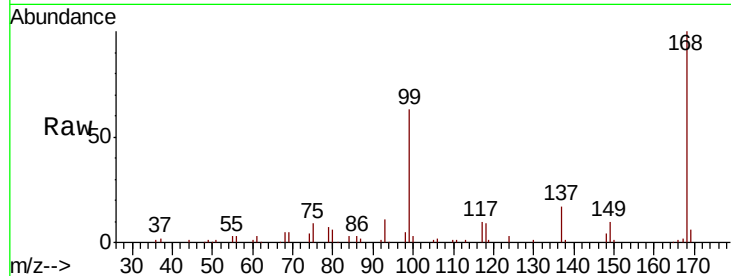
FC-MW09I1-20180911

Tgt Ion:168 Resp: 79340

Ion Ratio Lower Upper

168 100

99 62.9 48.1 72.1



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

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

4.99

30000

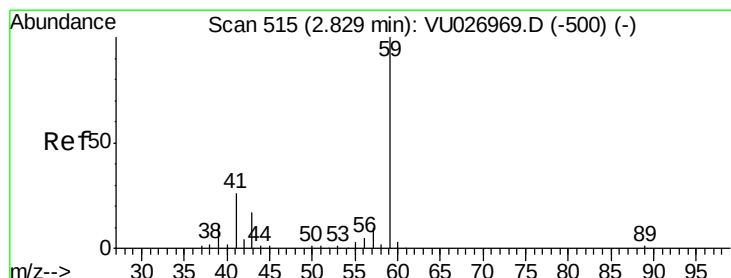
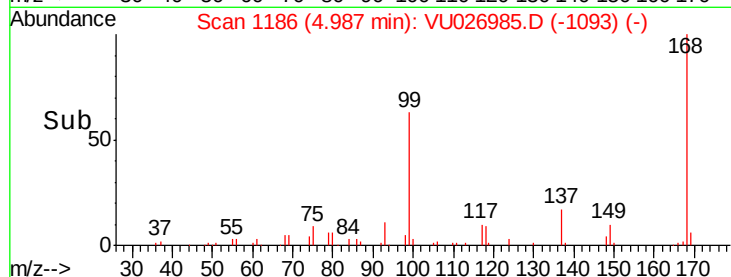
20000

10000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 1.951 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU026985.D

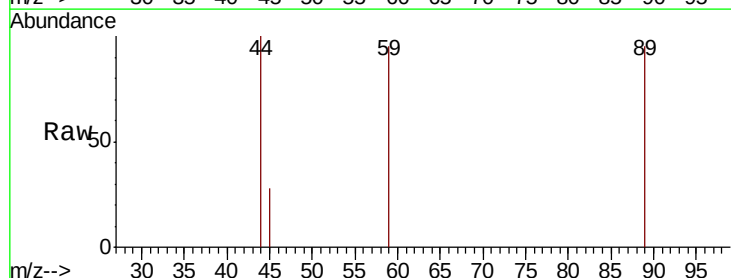
Acq: 21 Sep 2018 22:25

Tgt Ion: 59 Resp: 714

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): VU026969.D (-500) (-)

2.84

400

300

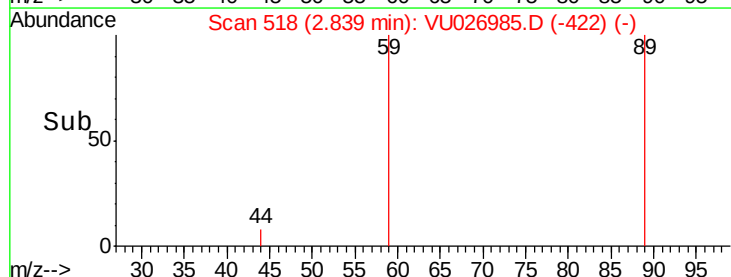
200

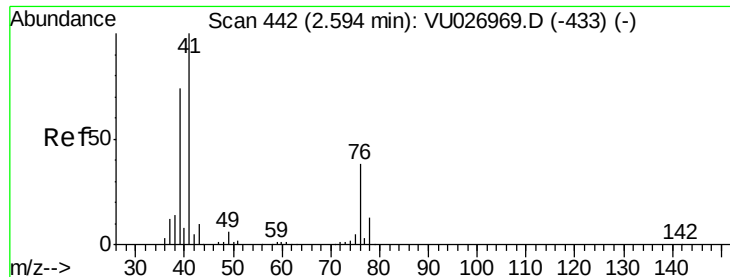
100

0

2.80 2.85

Time-->

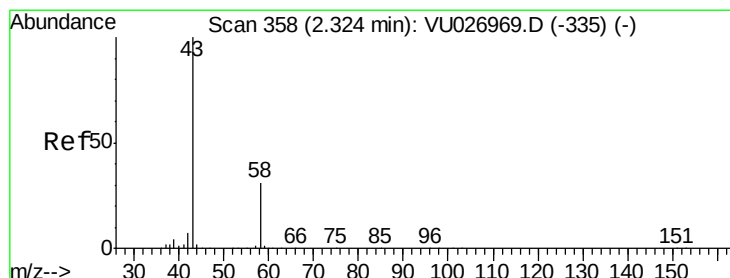
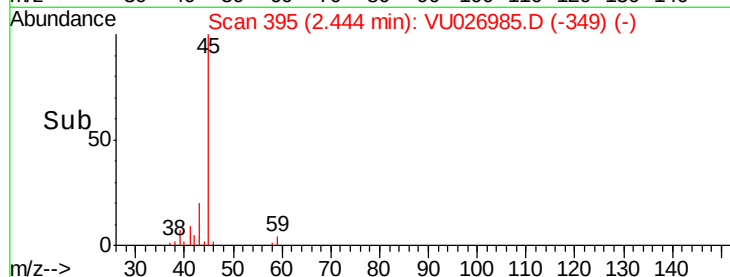
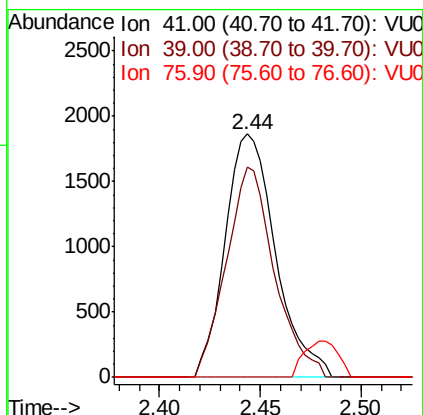
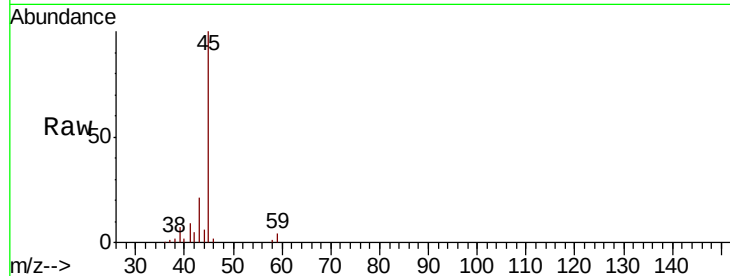




#14
 Allyl chloride
 Concen: 1.468 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

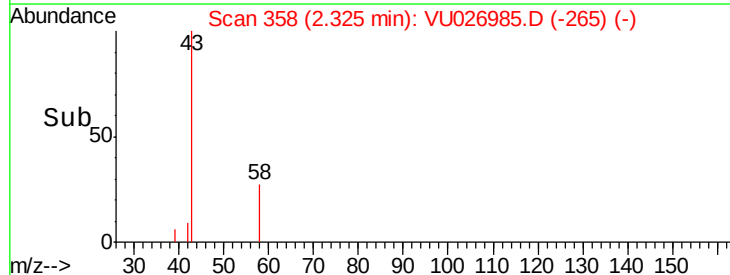
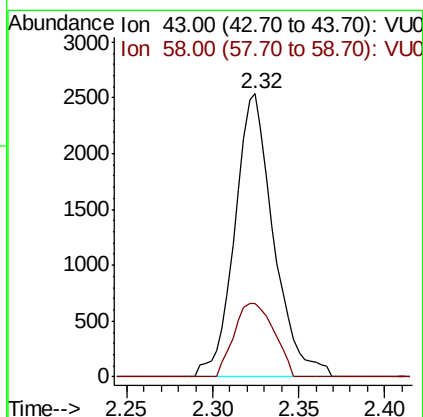
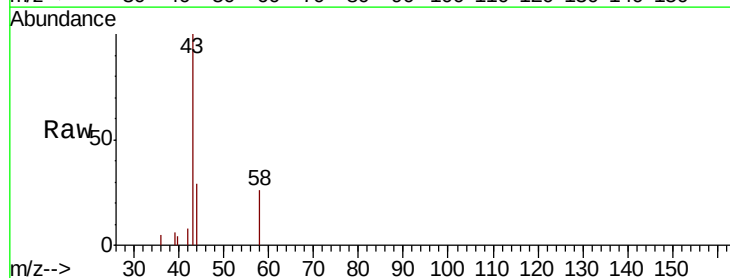
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW09I1-20180911

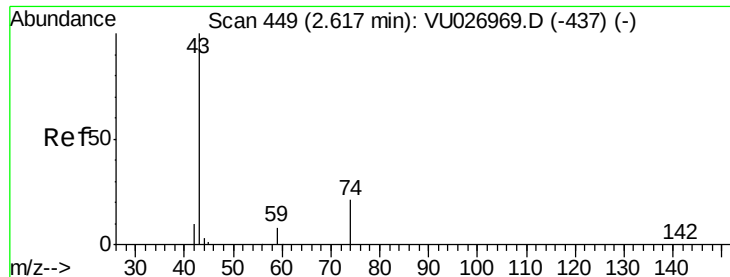
Tgt Ion: 41 Resp: 3262
 Ion Ratio Lower Upper
 41 100
 39 82.4 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

Tgt Ion: 43 Resp: 3985
 Ion Ratio Lower Upper
 43 100
 58 26.0 24.6 36.8

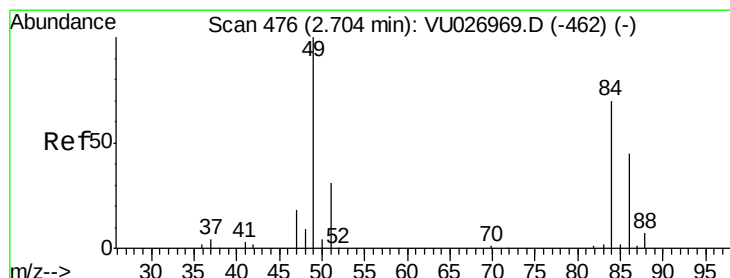
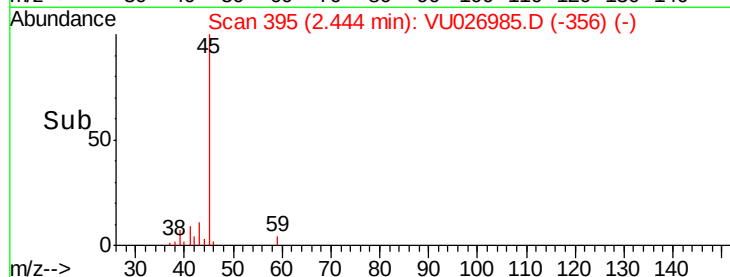
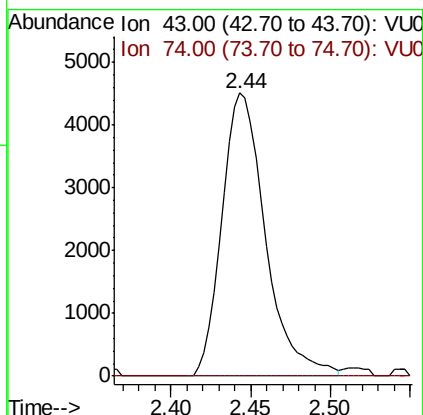
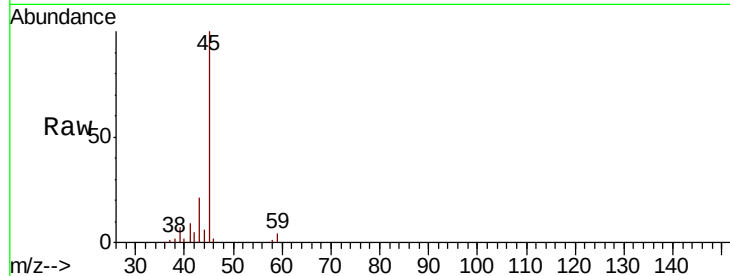




#18
Methyl Acetate
Concen: 3.693 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

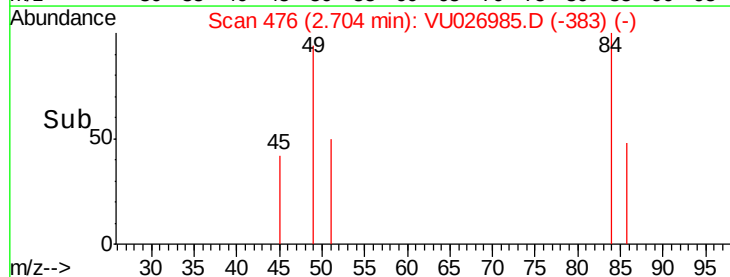
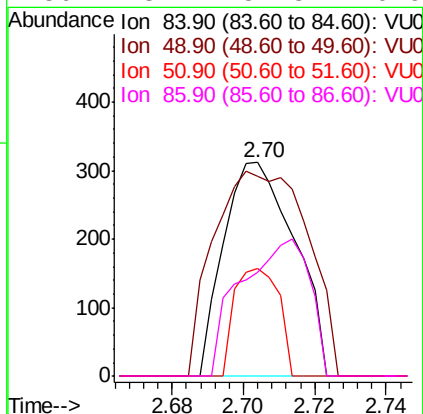
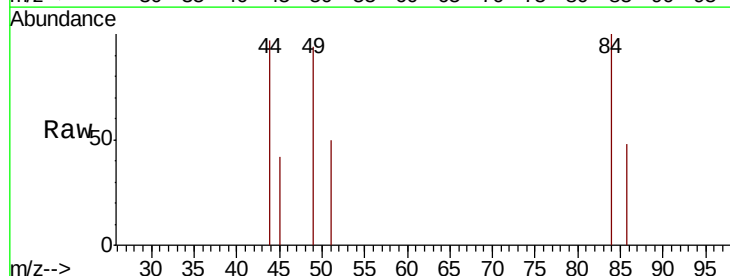
Instrument :
MSVOA_U
ClientSampleId :
FC-MW09I1-20180911

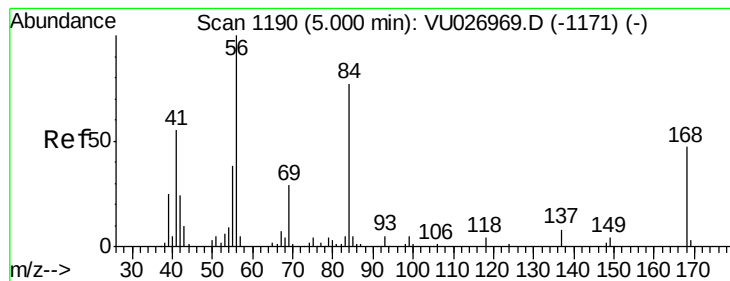
Tgt Ion: 43 Resp: 8394
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

Tgt Ion: 84 Resp: 428
Ion Ratio Lower Upper
84 100
49 93.6 114.9 172.3#
51 50.3 35.8 53.8
86 48.4 51.3 76.9#





#31

Cyclohexane

Concen: 0.277 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU026985.D

Acq: 21 Sep 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

FC-MW09I1-20180911

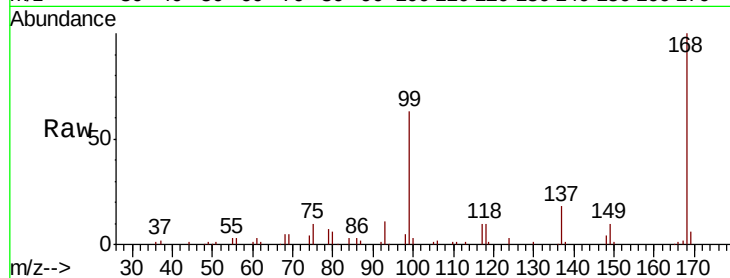
Tgt Ion: 56 Resp: 2020

Ion Ratio Lower Upper

56 100

69 148.2 23.0 34.4#

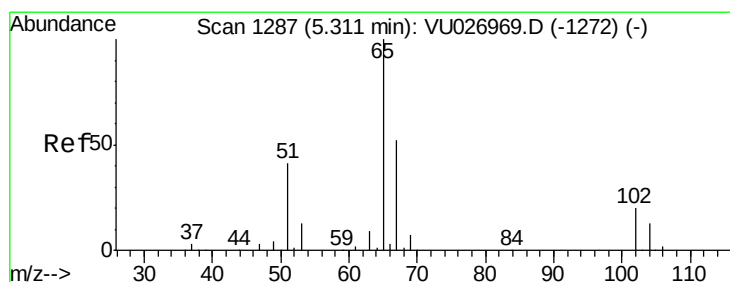
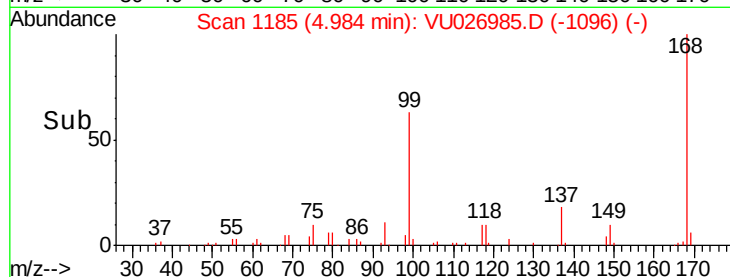
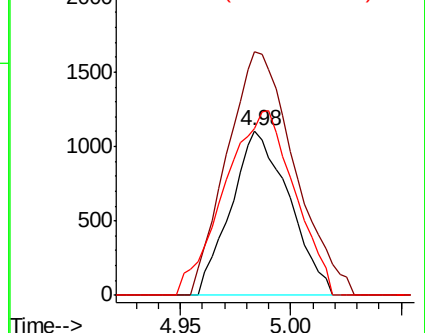
84 101.7 61.4 92.2#



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: 56.922 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU026985.D

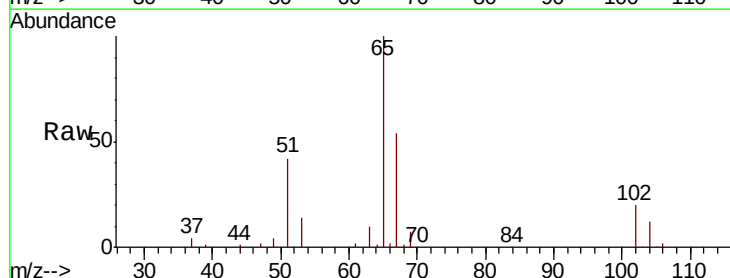
Acq: 21 Sep 2018 22:25

Tgt Ion: 65 Resp: 90896

Ion Ratio Lower Upper

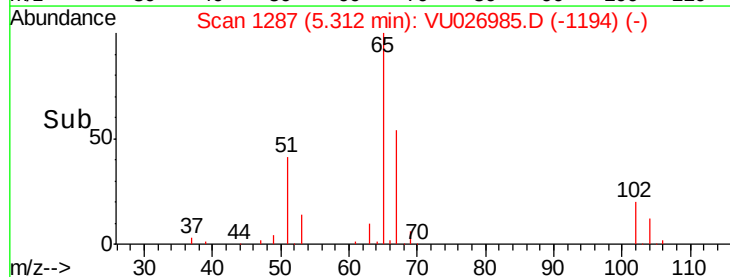
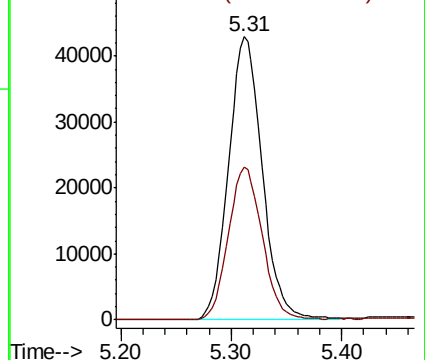
65 100

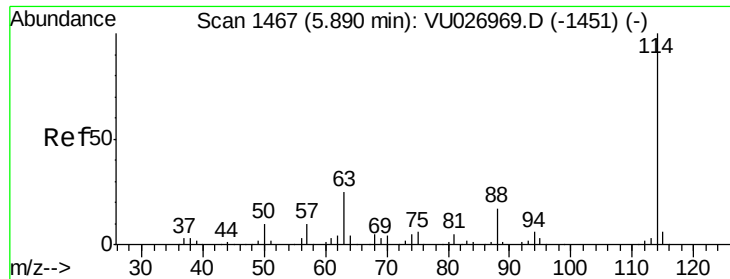
67 54.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

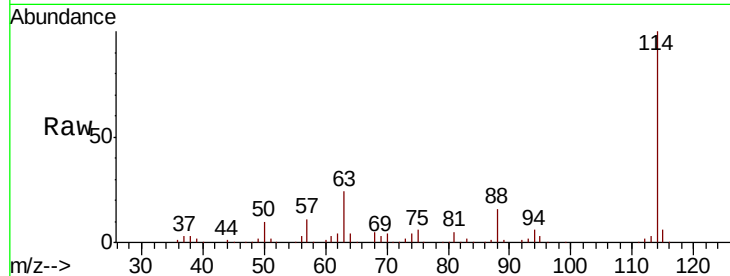




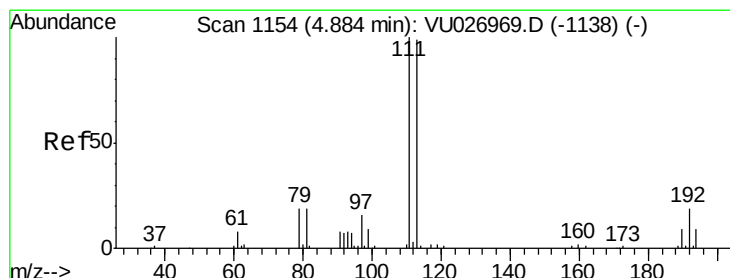
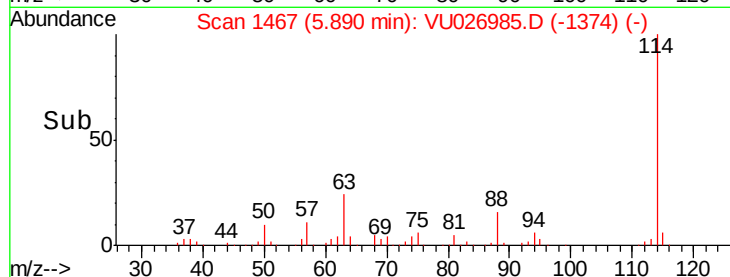
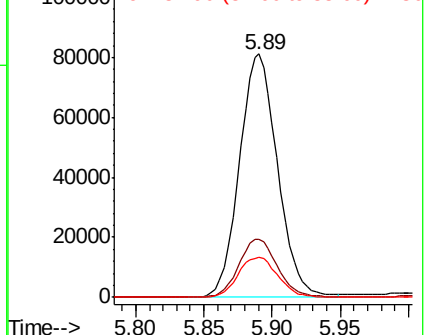
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW09I1-20180911

Tgt Ion:114 Resp: 157064
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.4 0.0 33.8

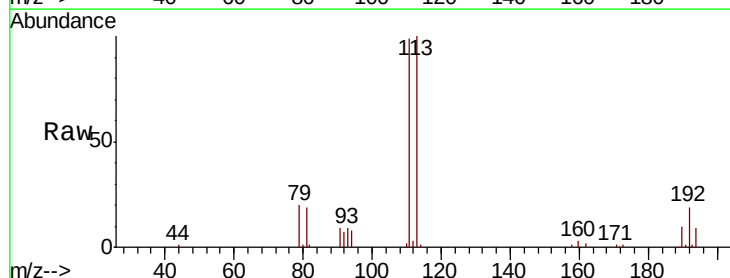


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

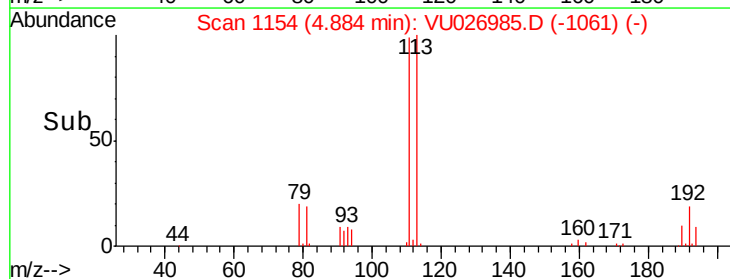
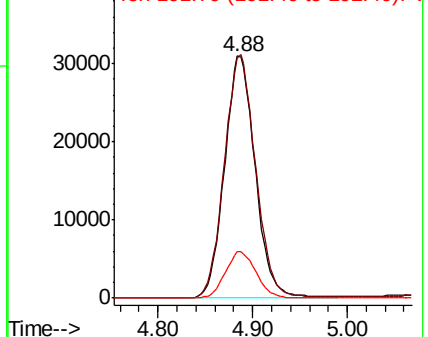


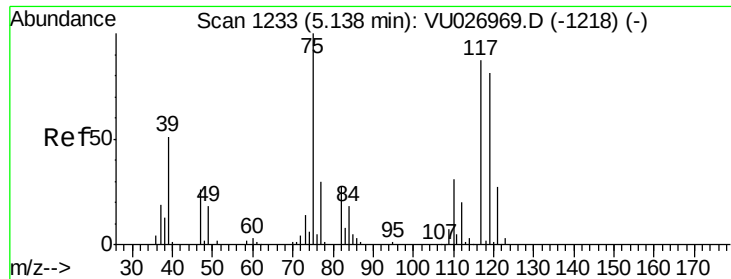
#35
 Dibromofluoromethane
 Concen: 51.211 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

Tgt Ion:113 Resp: 69720
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 19.0 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

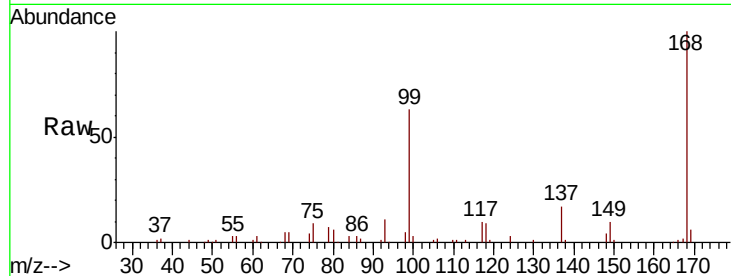




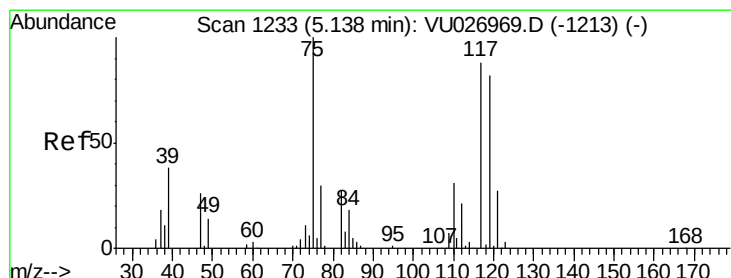
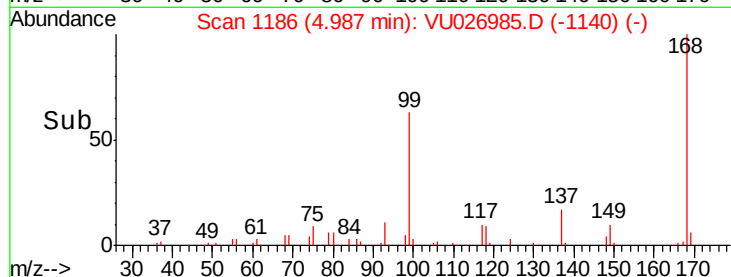
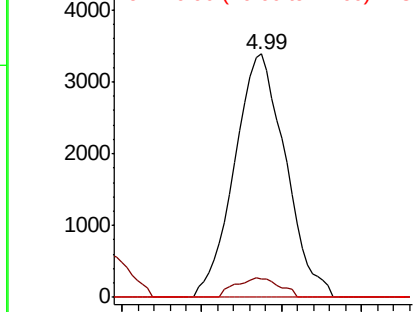
#36
 1,1-Dichloropropene
 Concen: 3.515 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW09I1-20180911

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.1	48.2#
77	0.0	24.6	36.8#

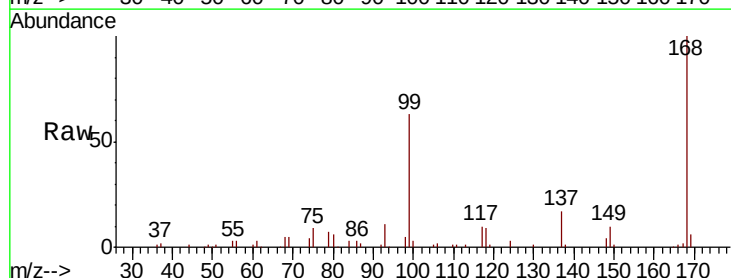


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

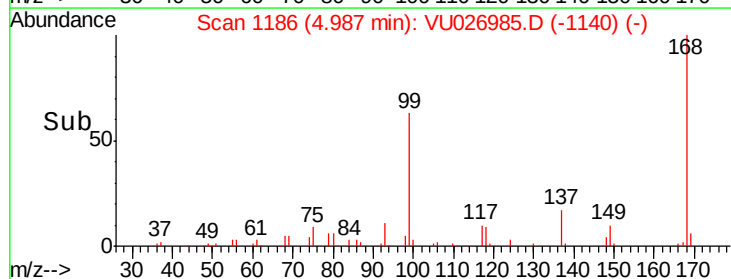
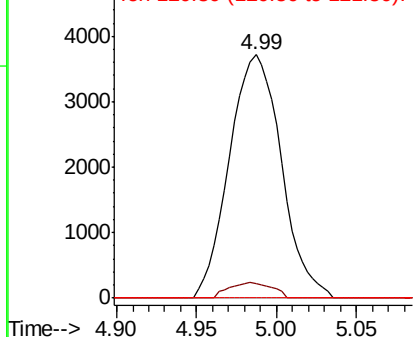


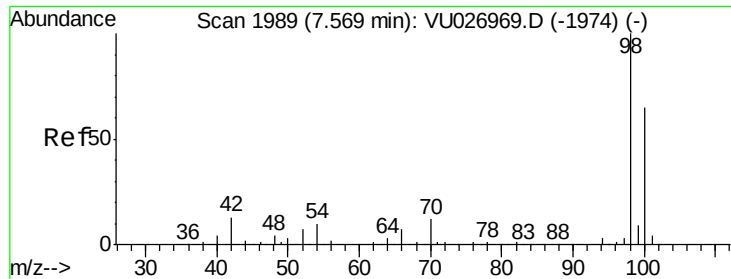
#38
 Carbon Tetrachloride
 Concen: 4.146 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	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

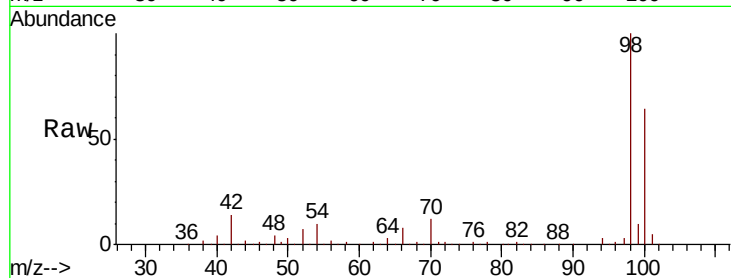




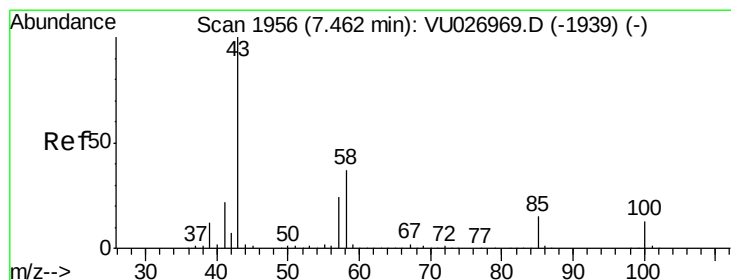
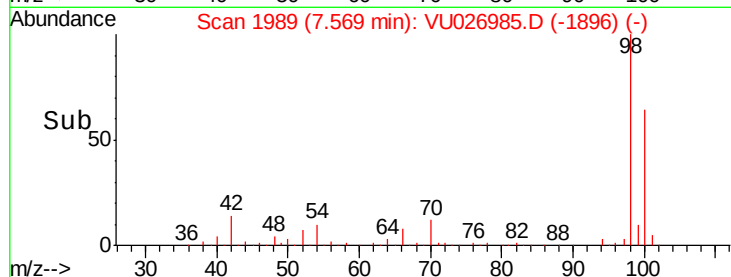
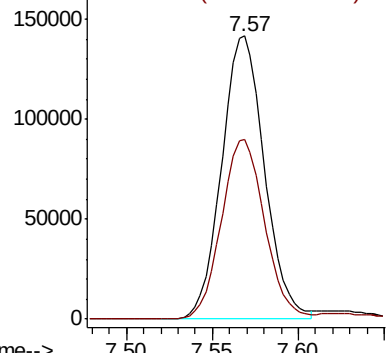
#50
Toluene-d8
Concen: 47.065 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
FC-MW09I1-20180911

Tgt Ion: 98 Resp: 244196
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

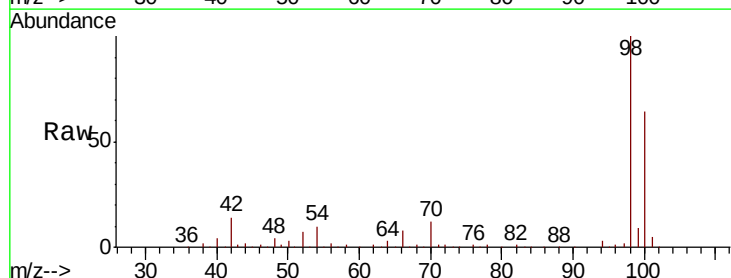


Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

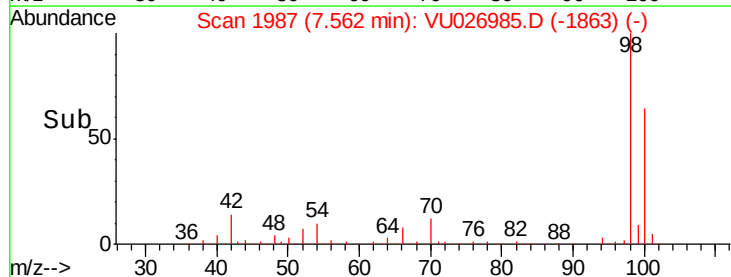
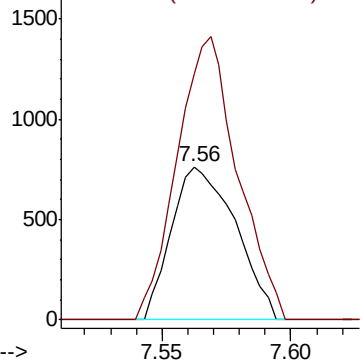


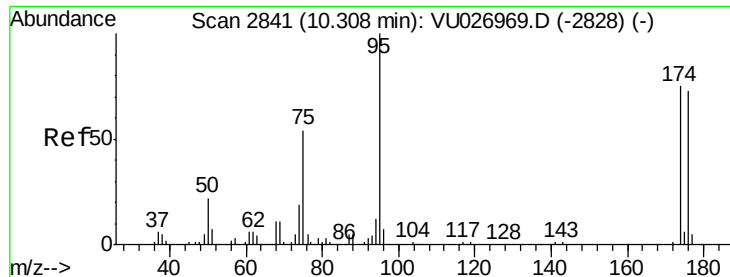
#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.10 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
58 174.8 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)
Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

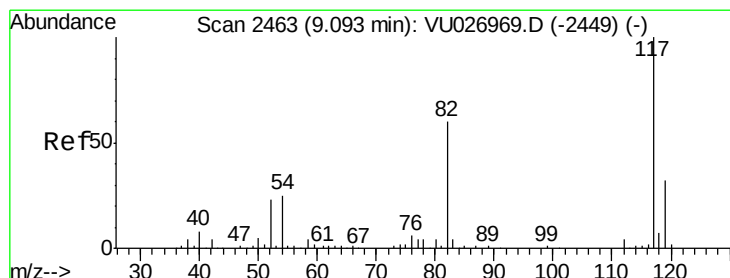
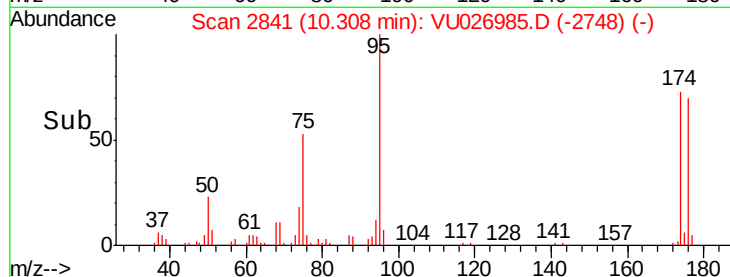
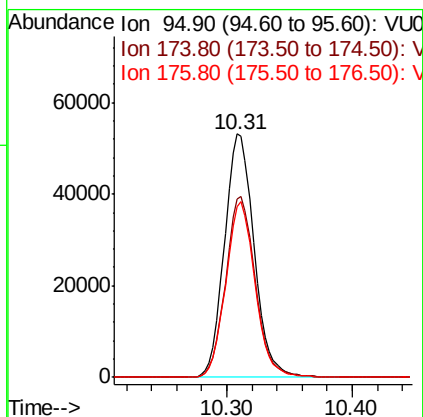
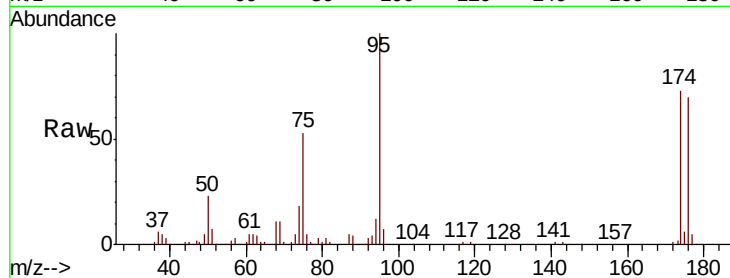




#62
4-Bromofluorobenzene
Concen: 48.763 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

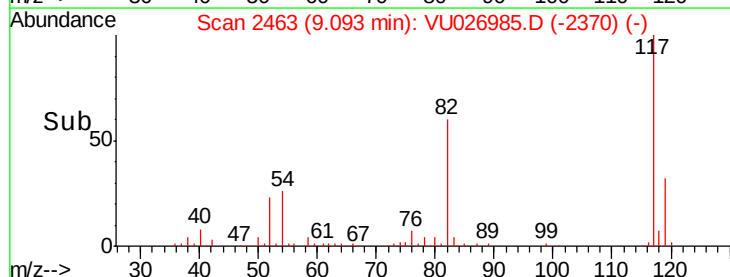
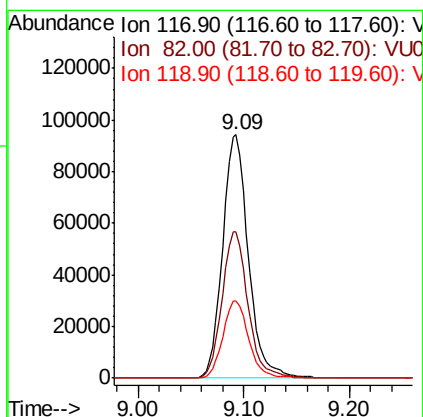
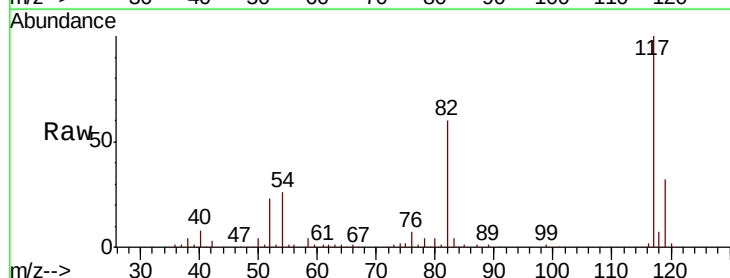
Instrument :
MSVOA_U
ClientSampleId :
FC-MW09I1-20180911

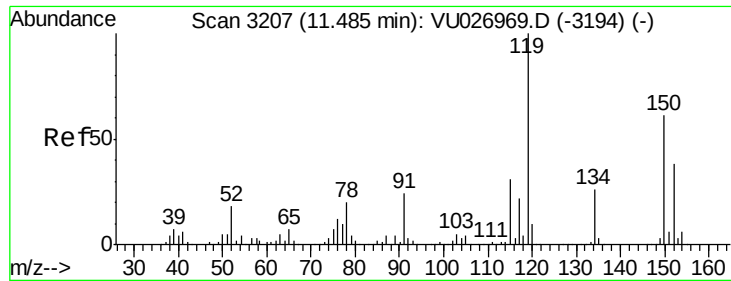
Tgt Ion: 95 Resp: 86815
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.2
176 71.5 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

Tgt Ion: 117 Resp: 159413
Ion Ratio Lower Upper
117 100
82 60.0 48.0 72.0
119 31.9 25.8 38.8



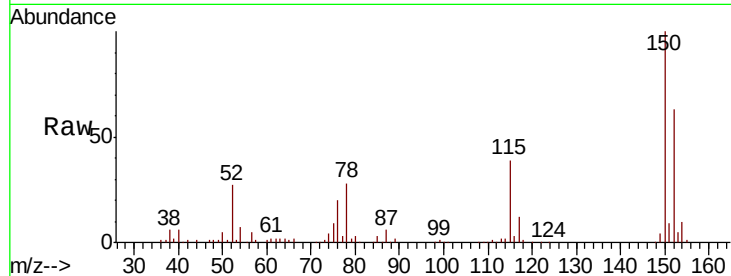


#72

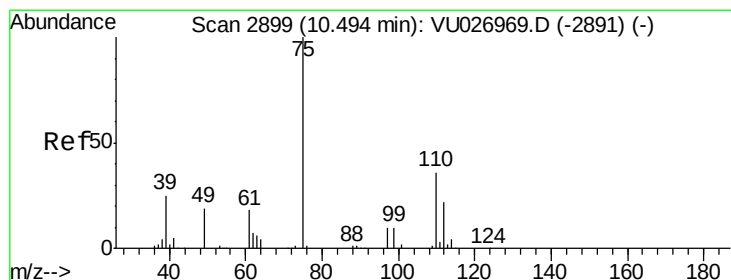
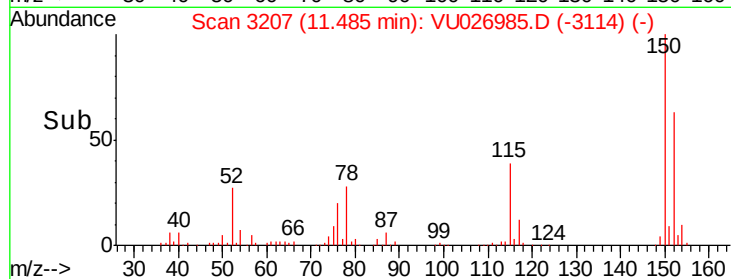
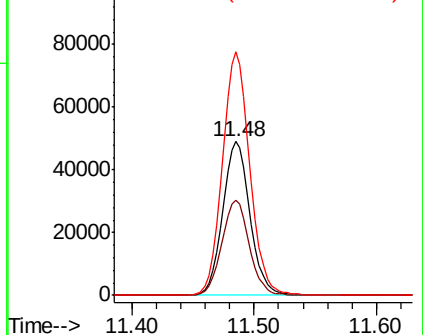
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

Instrument :
MSVOA_U
ClientSampleId :
FC-MW09I1-20180911

Tgt Ion:152 Resp: 76976
Ion Ratio Lower Upper
152 100
115 62.5 44.9 134.5
150 158.4 0.0 355.8



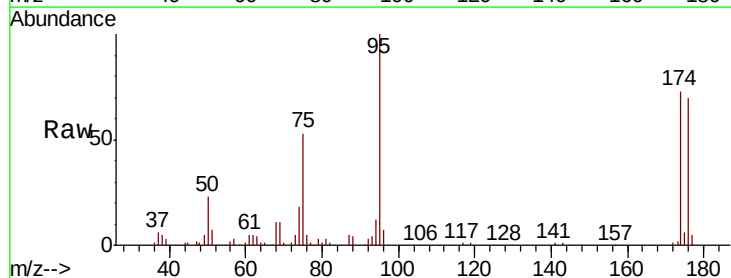
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



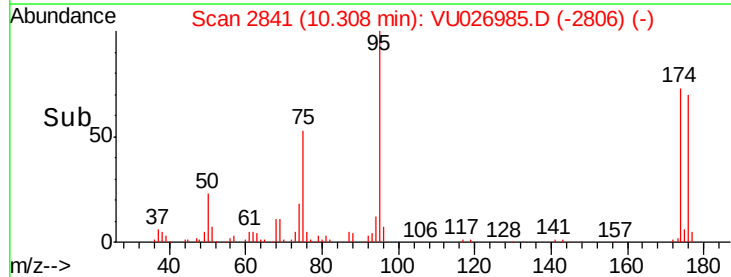
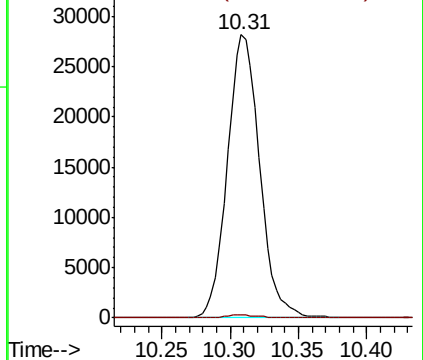
#76

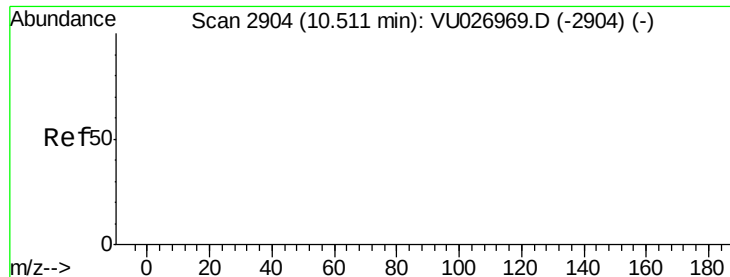
1,2,3-Trichloropropane
Concen: 19.855 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU026985.D
Acq: 21 Sep 2018 22:25

Tgt Ion: 75 Resp: 46432
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

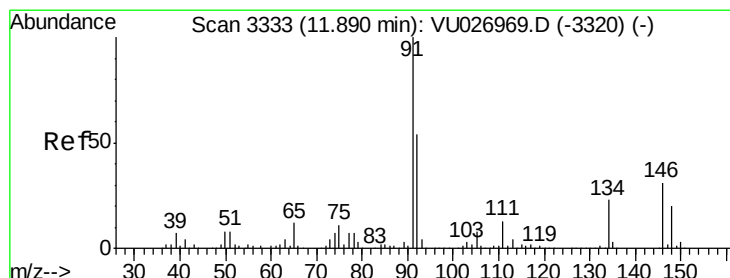
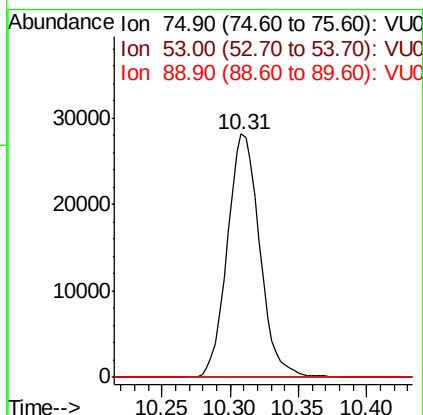
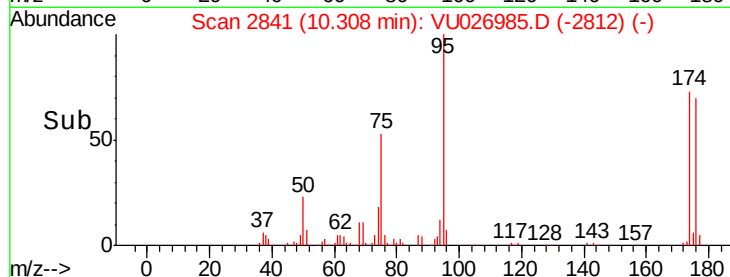
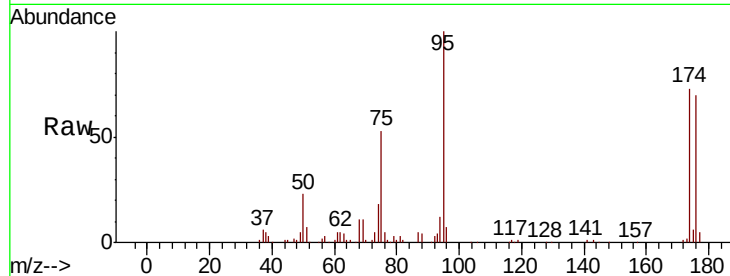




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.541 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

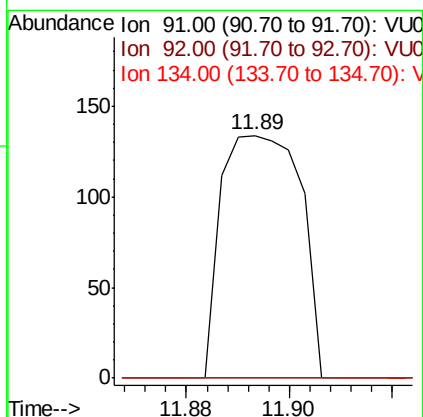
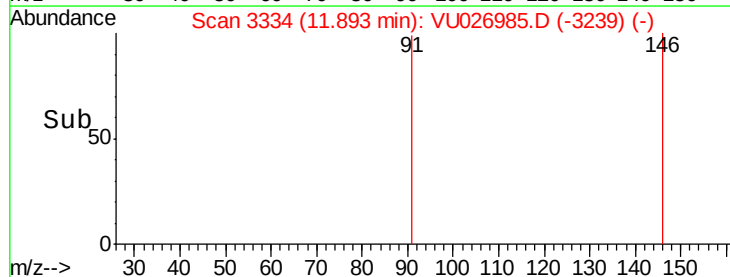
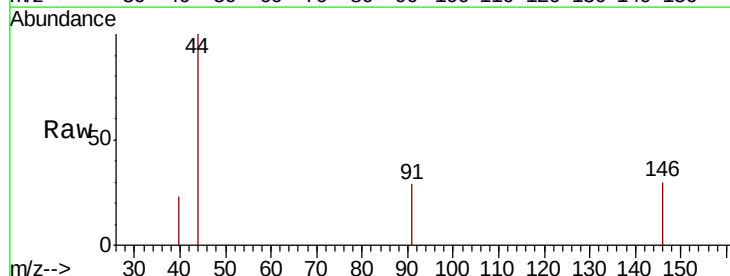
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-MW09I1-20180911

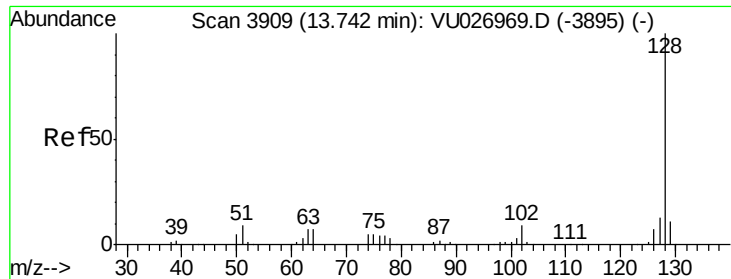
Tgt Ion: 75 Resp: 46432
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0



#89
 n-Butylbenzene
 Concen: 2.418 ug/l
 RT: 11.89 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: VU026985.D
 Acq: 21 Sep 2018 22:25

Tgt Ion: 91 Resp: 142
 Ion Ratio Lower Upper
 91 100
 92 0.0 27.1 81.2#
 134 0.0 11.7 35.0#





#95

Naphthalene

Concen: 1.719 ug/l

RT: 13.77 min Scan# 3917

Delta R.T. 0.03 min

Lab File: VU026985.D

Acq: 21 Sep 2018 22:25

Instrument :

MSVOA_U

ClientSampleId :

FC-MW0911-20180911

Tgt Ion:128 Resp: 198

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#

