

Data File : VU027035.D
Acq On : 22 Sep 2018 22:46
Operator : MD/SY
Sample : J4916-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 75 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FC-DUP02-20180911

Quant Time: Sep 24 02:54:35 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	90208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	152683	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	68933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	94613	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	4.89	113	64739	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	7.57	98	237569	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	10.31	95	78597	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds

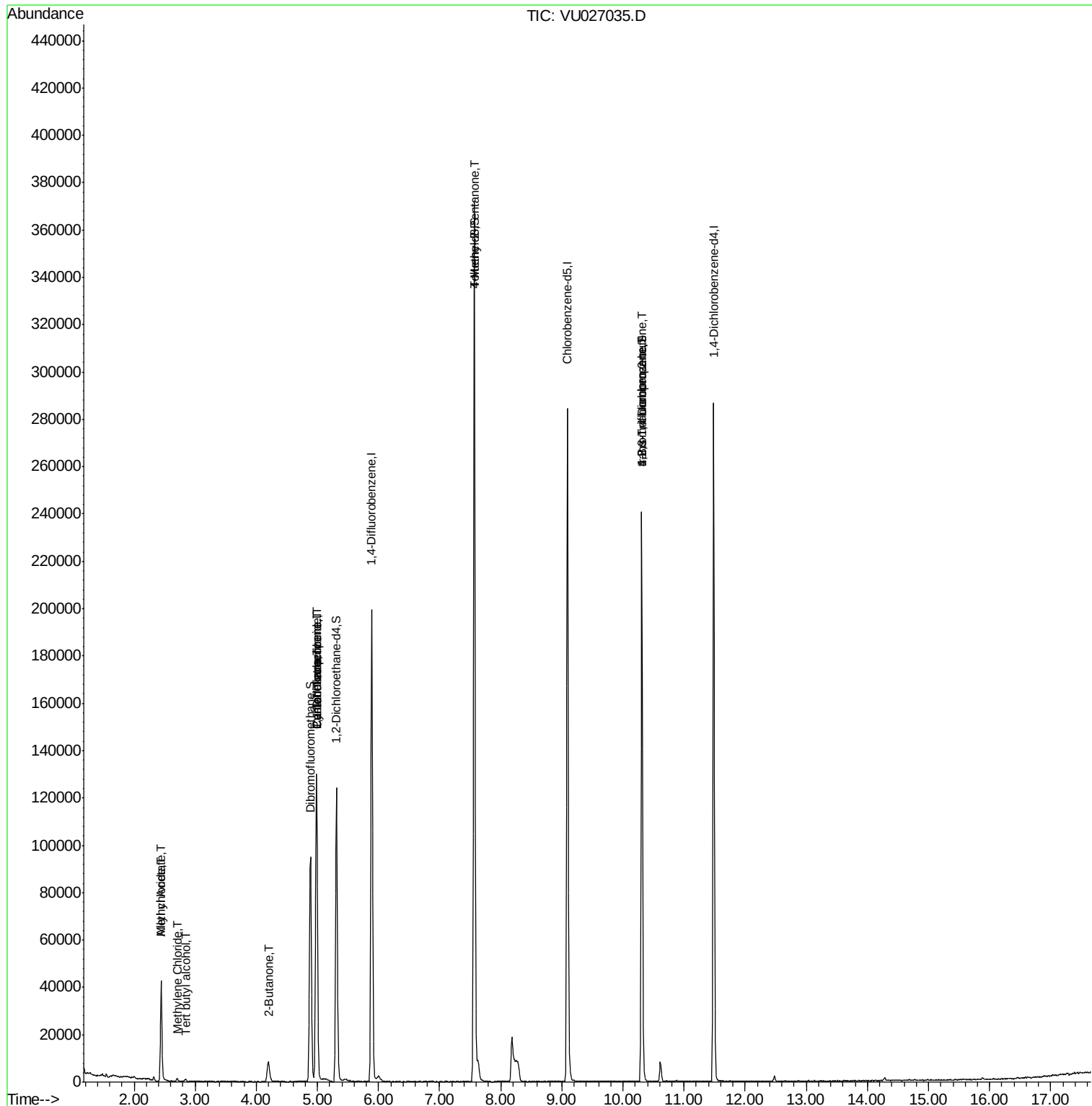
						Qvalue
11) Tert butyl alcohol	2.84	59	721	1.733	ug/l #	72
14) Allyl chloride	2.44	41	4137	1.637	ug/l #	70
16) Acetone	2.32	43	2034	Below Cal		95
18) Methyl Acetate	2.44	43	11037	4.271	ug/l #	55
20) Methylene Chloride	2.70	84	421	0.259	ug/l	88
25) 2-Butanone	4.20	43	406	0.266	ug/l #	53
31) Cyclohexane	4.98	56	2345	0.295	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8706	4.272	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9712	5.008	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1073	0.397	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42762	20.420	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	42762	65.346	ug/l #	100

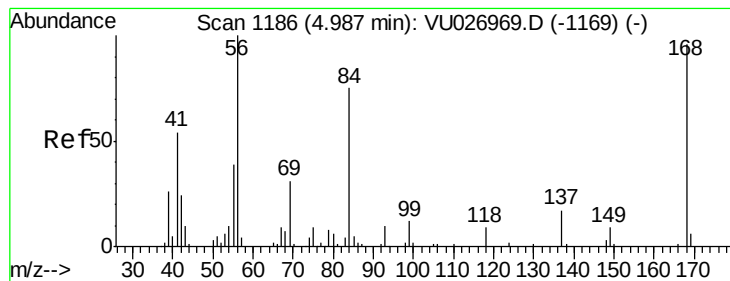
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027035.D

Acq: 22 Sep 2018 22:46

Instrument :

MSVOA_U

ClientSampleId :

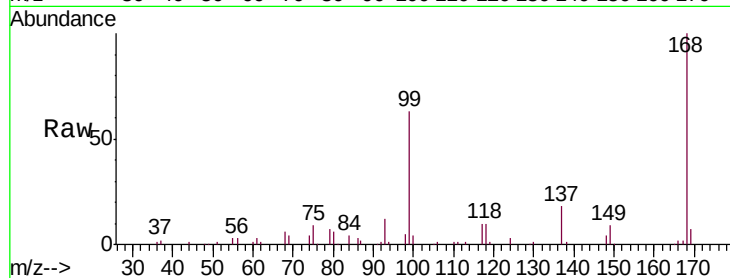
FC-DUP02-20180911

Tgt Ion:168 Resp: 90208

Ion Ratio Lower Upper

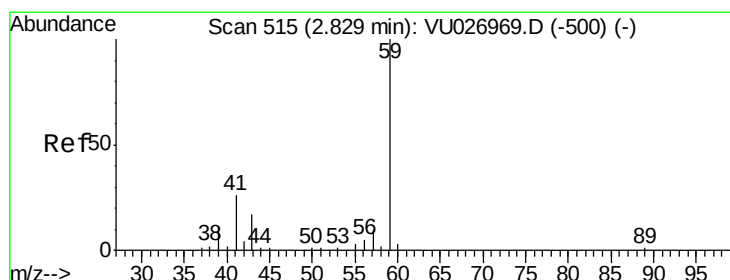
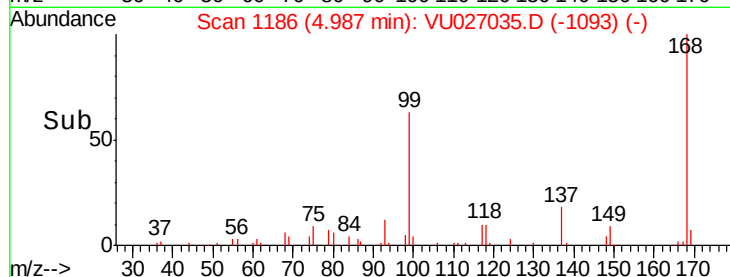
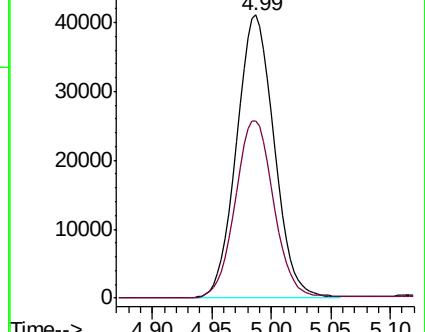
168 100

99 62.7 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) (-)



#11

Tert butyl alcohol

Concen: 1.733 ug/l

RT: 2.84 min Scan# 515

Delta R.T. 0.01 min

Lab File: VU027035.D

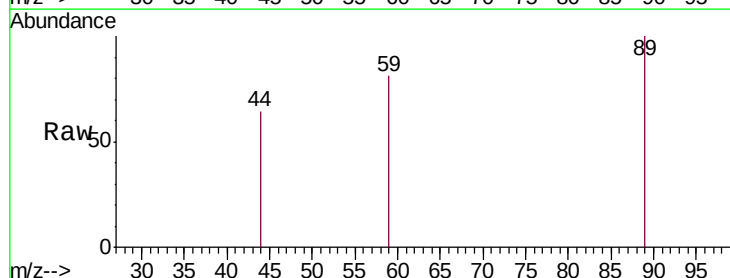
Acq: 22 Sep 2018 22:46

Tgt Ion: 59 Resp: 721

Ion Ratio Lower Upper

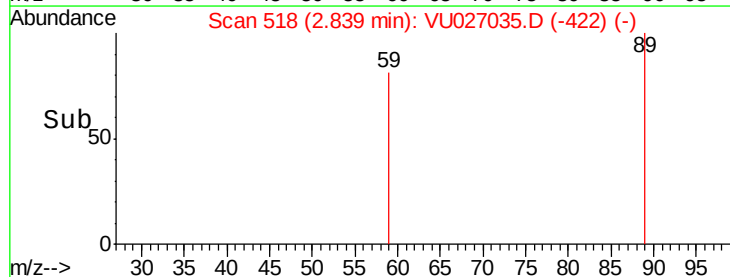
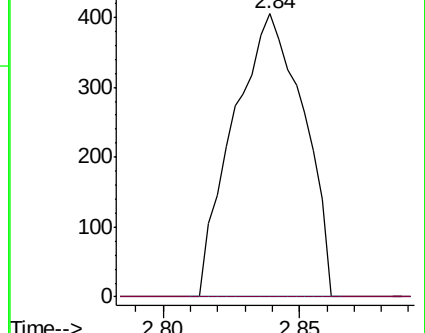
59 100

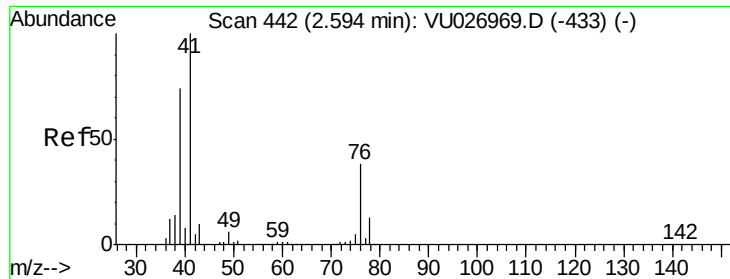
57 0.0 8.5 12.7#



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

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

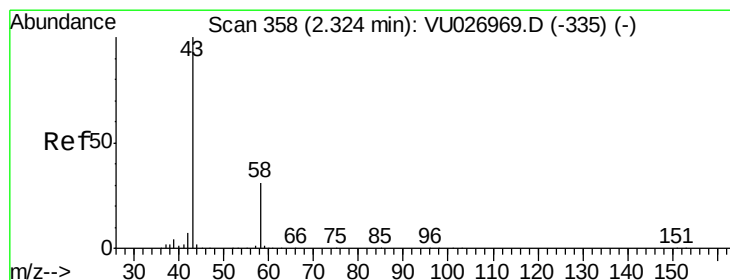
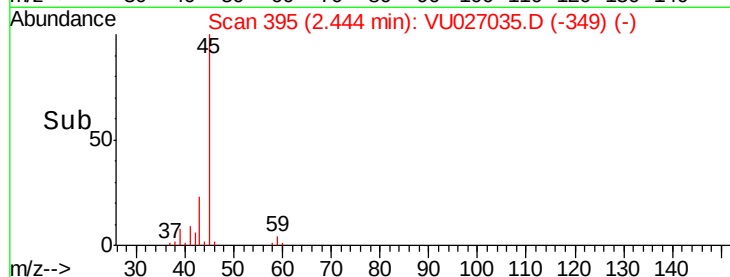
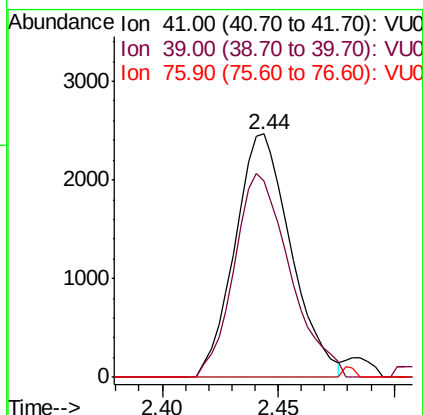
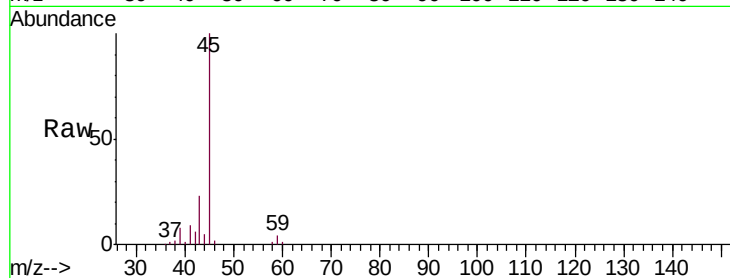




#14
 Allyl chloride
 Concen: 1.637 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

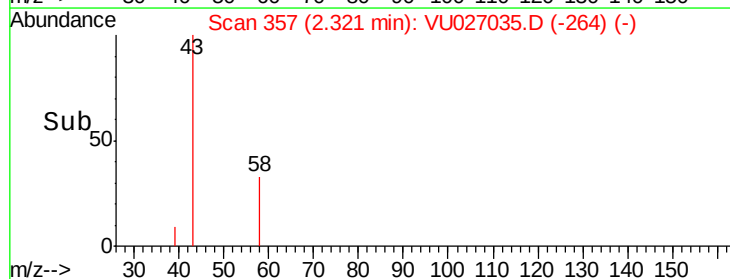
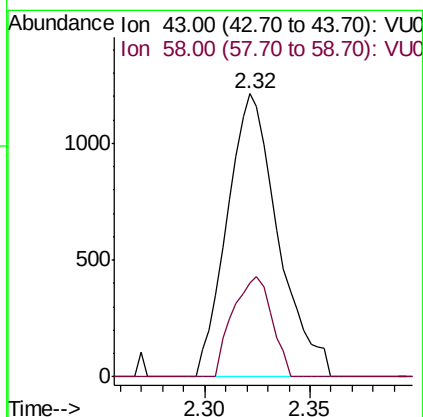
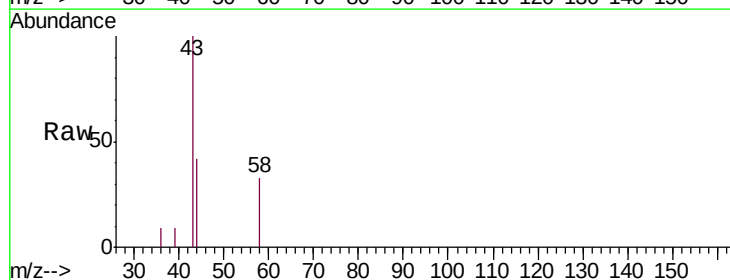
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-DUP02-20180911

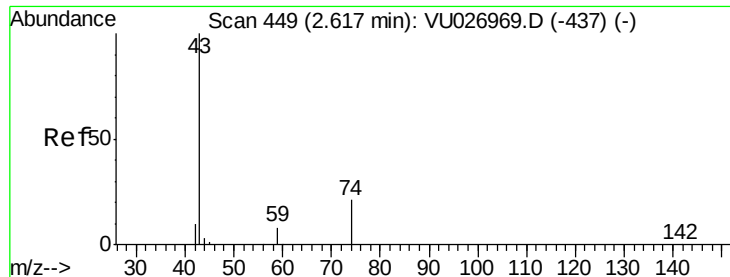
Tgt Ion: 41 Resp: 4137
 Ion Ratio Lower Upper
 41 100
 39 83.3 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

Tgt Ion: 43 Resp: 2034
 Ion Ratio Lower Upper
 43 100
 58 33.3 24.6 36.8

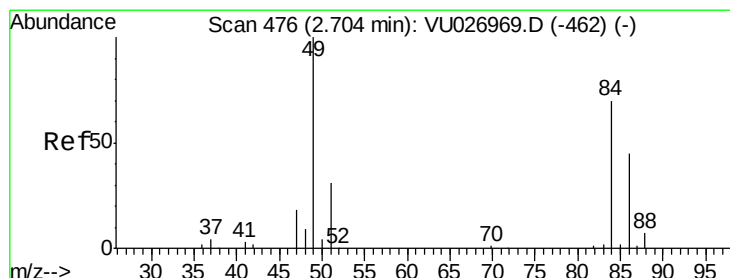
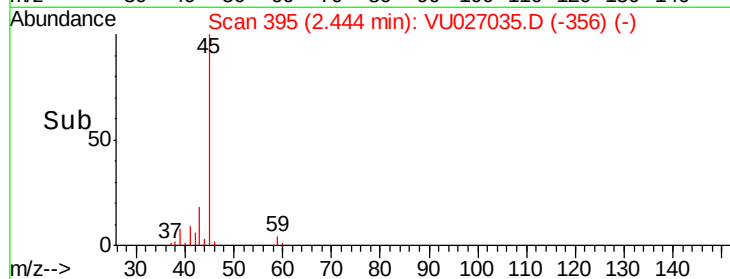
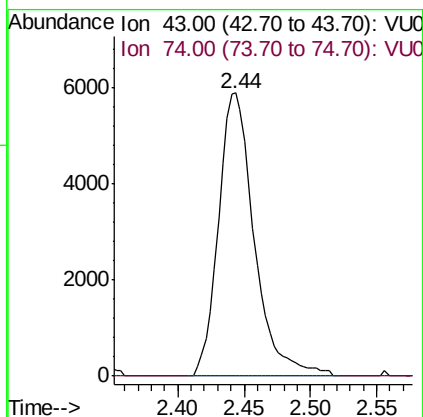
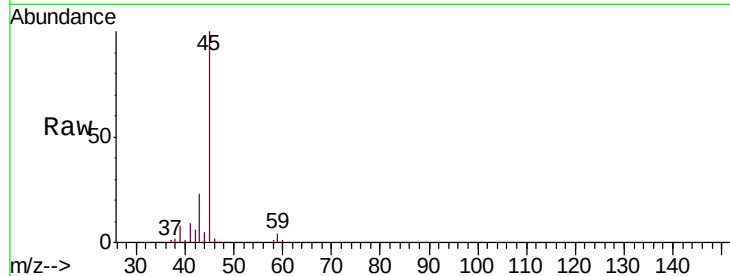




#18
Methyl Acetate
Concen: 4.271 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027035.D
Acq: 22 Sep 2018 22:46

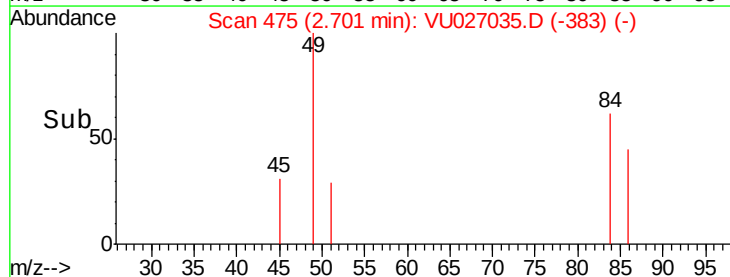
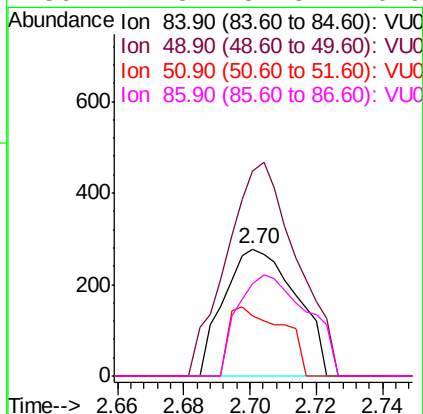
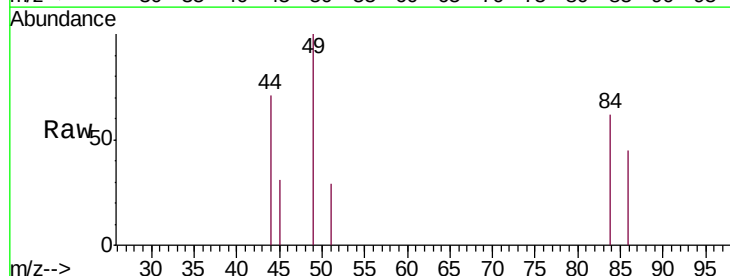
Instrument :
MSVOA_U
ClientSampleId :
FC-DUP02-20180911

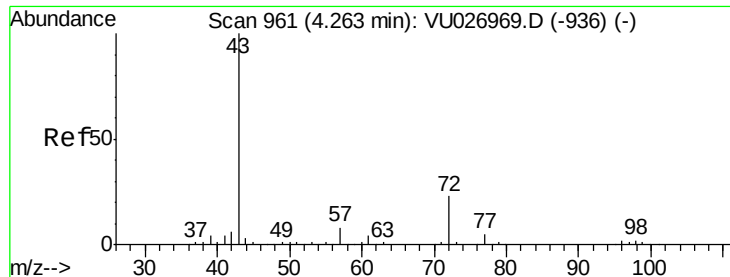
Tgt Ion: 43 Resp: 11037
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027035.D
Acq: 22 Sep 2018 22:46

Tgt Ion: 84 Resp: 421
Ion Ratio Lower Upper
84 100
49 161.5 114.9 172.3
51 47.1 35.8 53.8
86 72.3 51.3 76.9





#25

2-Butanone

Concen: 0.266 ug/l

RT: 4.20 min Scan# 940

Delta R.T. -0.07 min

Lab File: VU027035.D

Acq: 22 Sep 2018 22:46

Instrument :

MSVOA_U

ClientSampleId :

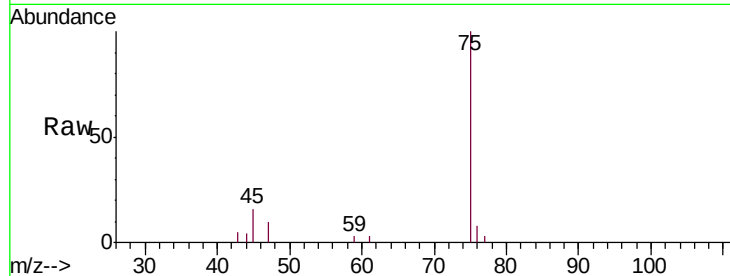
FC-DUP02-20180911

Tgt Ion: 43 Resp: 406

Ion Ratio Lower Upper

43 100

72 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

4.20

250

200

150

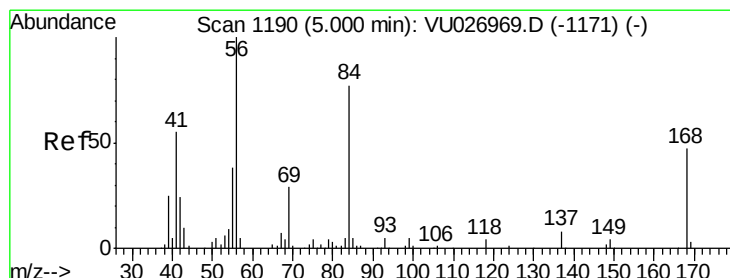
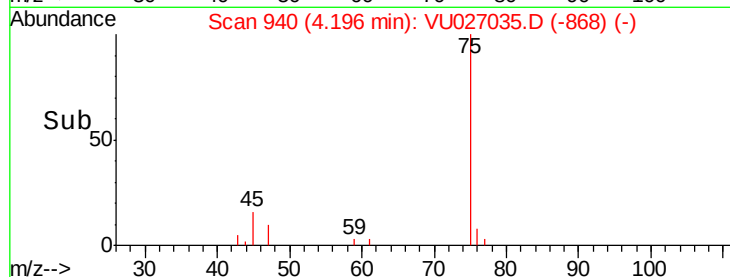
100

50

0

4.16 4.18 4.20 4.22 4.24

Time-->



#31

Cyclohexane

Concen: 0.295 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.02 min

Lab File: VU027035.D

Acq: 22 Sep 2018 22:46

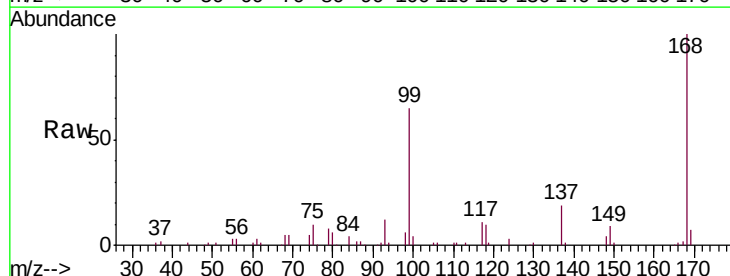
Tgt Ion: 56 Resp: 2345

Ion Ratio Lower Upper

56 100

69 157.4 23.0 34.4#

84 120.4 61.4 92.2#



Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)

2500

2000

1500

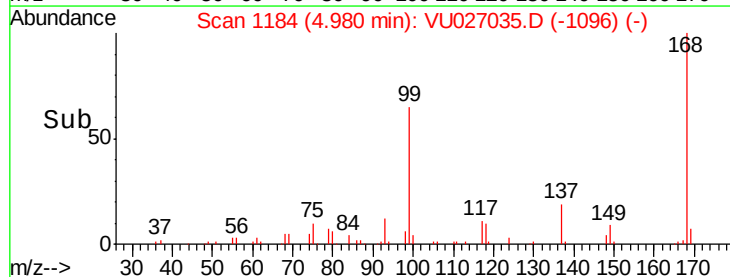
1000

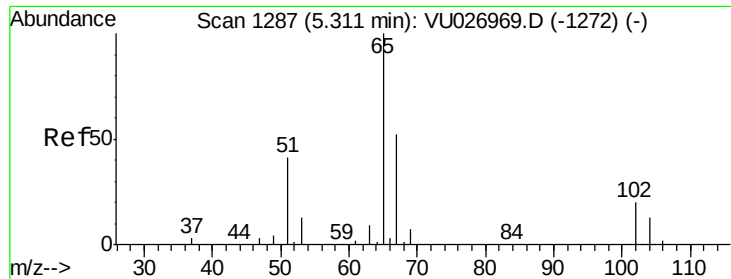
500

0

4.95 4.98 5.01 5.05

Time-->

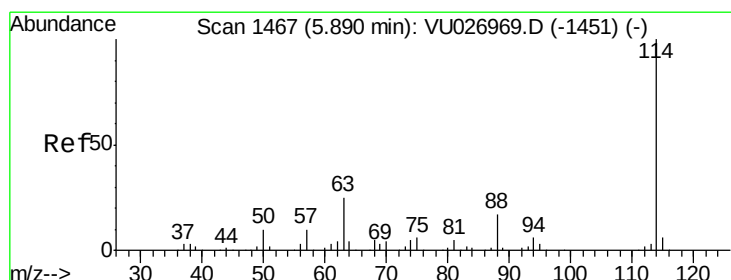
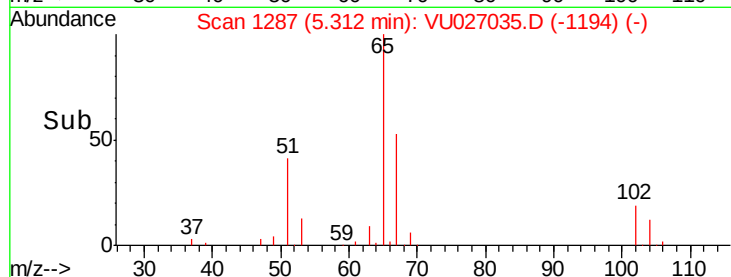
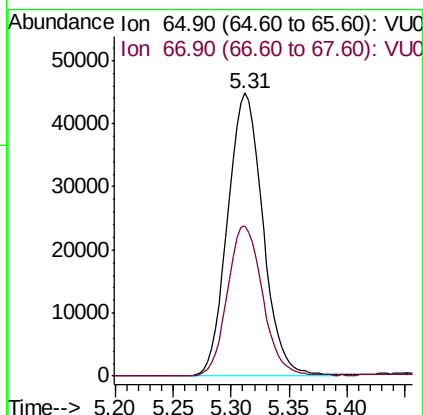
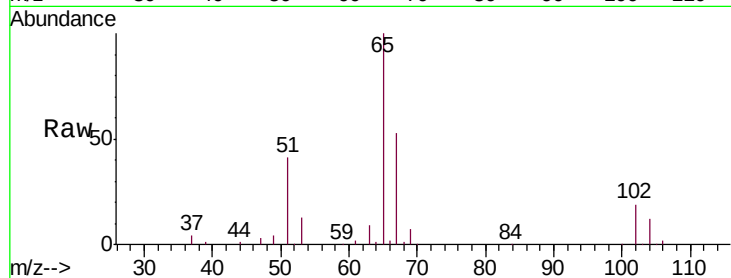




#33
 1,2-Dichloroethane-d4
 Concen: 52.112 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

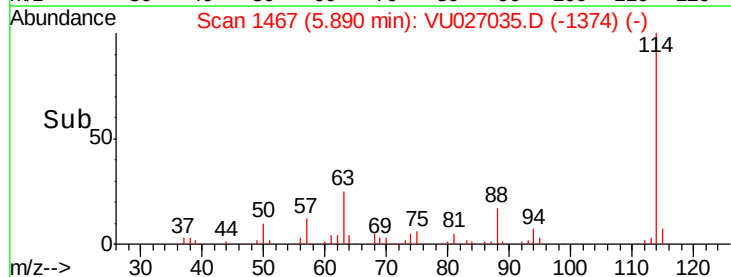
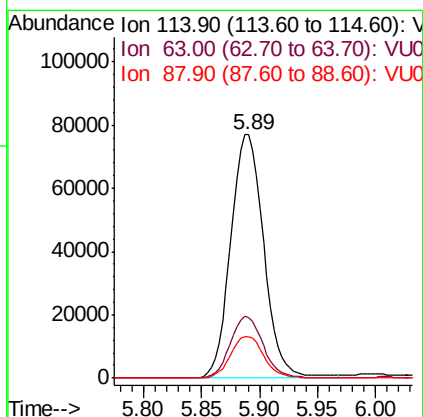
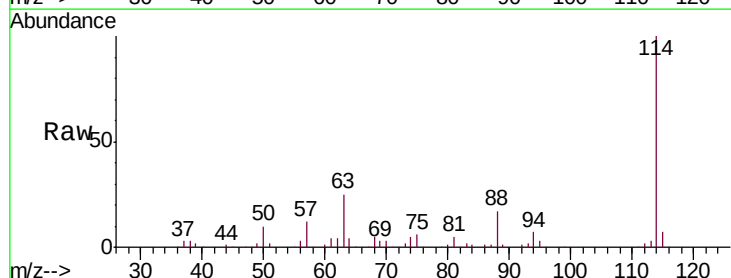
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-DUP02-20180911

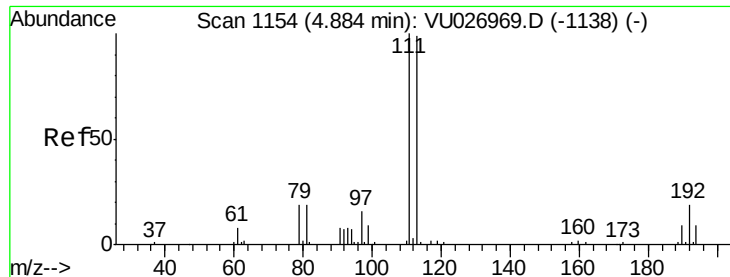
Tgt Ion: 65 Resp: 94613
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

Tgt Ion: 114 Resp: 152683
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 17.2 0.0 33.8

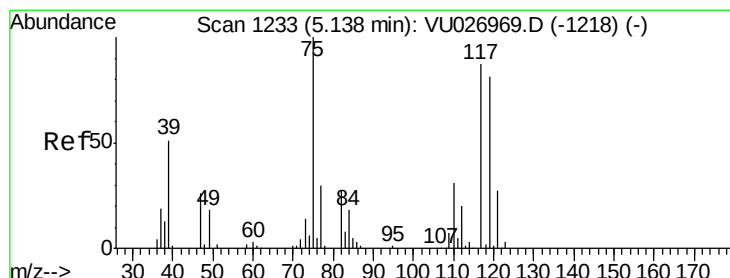
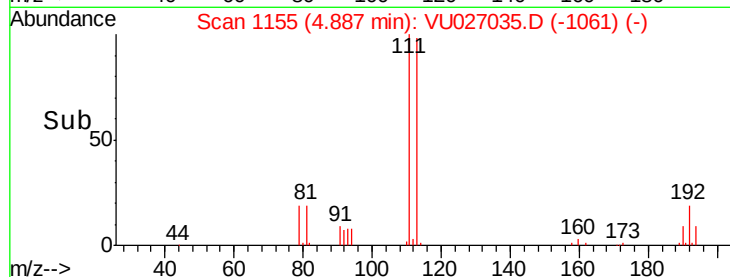
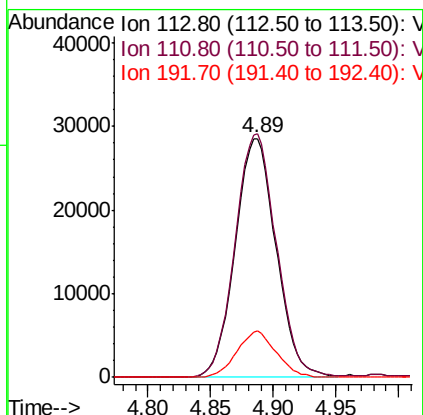
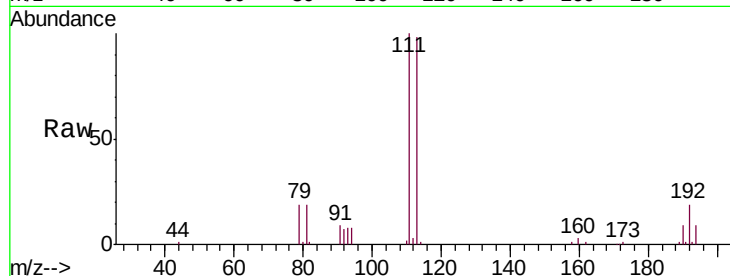




#35
 Dibromofluoromethane
 Concen: 48.917 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

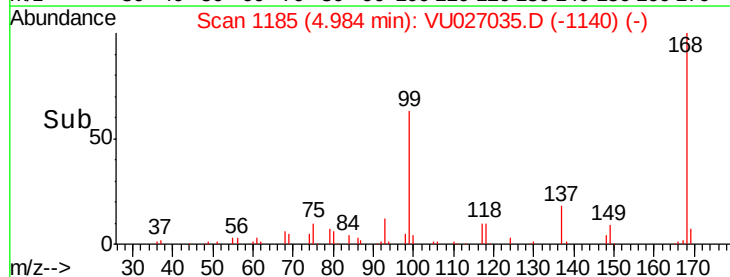
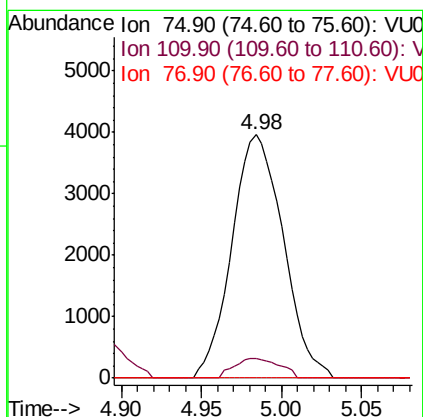
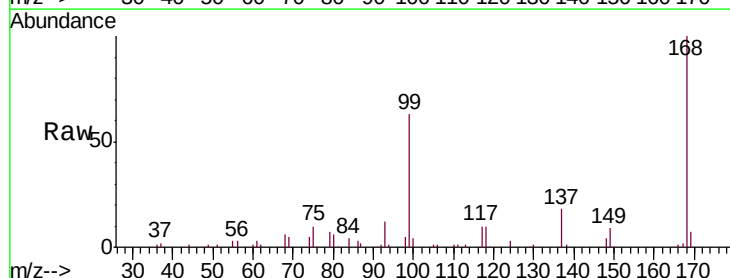
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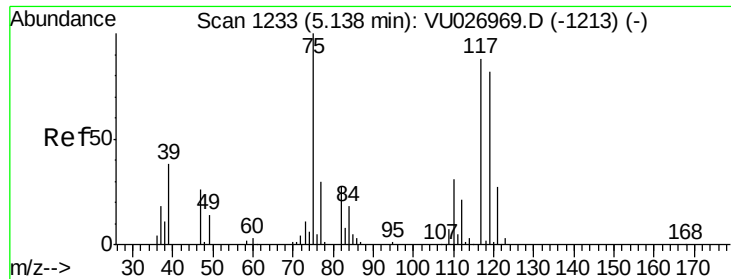
Tgt Ion:113 Resp: 64739
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.272 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

Tgt Ion: 75 Resp: 8706
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.008 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027035.D

Acq: 22 Sep 2018 22:46

Instrument :

MSVOA_U

ClientSampleId :

FC-DUP02-20180911

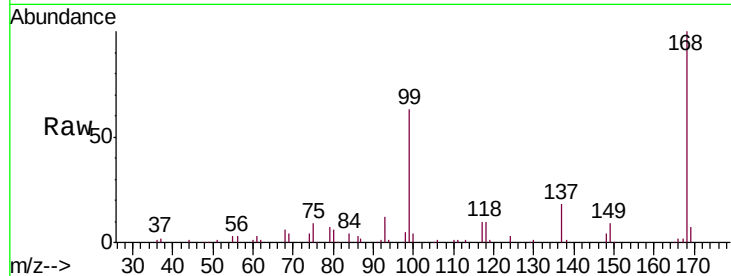
Tgt Ion:117 Resp: 9712

Ion Ratio Lower Upper

117 100

119 5.1 74.4 111.6#

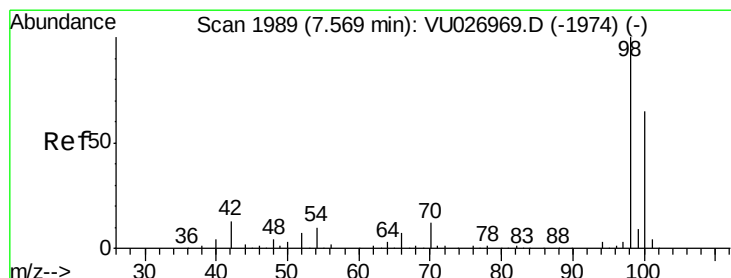
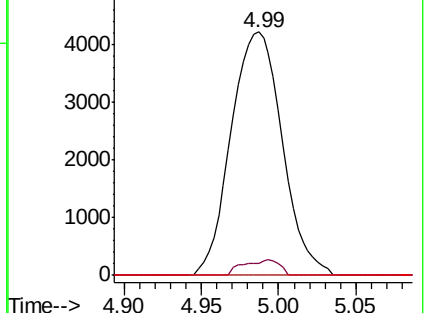
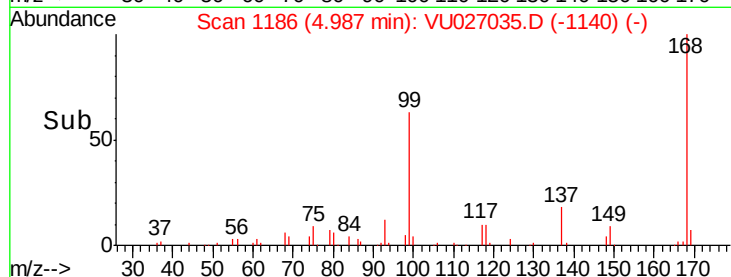
121 0.0 24.2 36.4#



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: 47.102 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027035.D

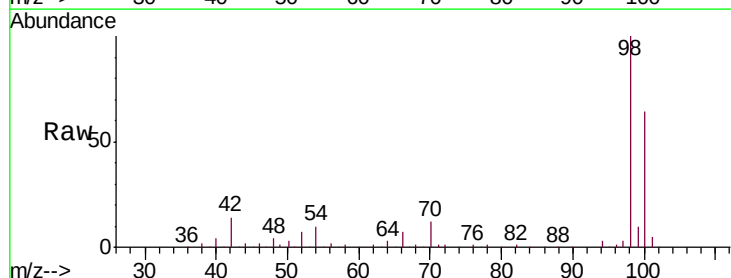
Acq: 22 Sep 2018 22:46

Tgt Ion: 98 Resp: 237569

Ion Ratio Lower Upper

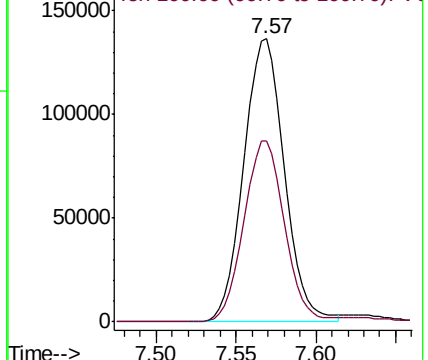
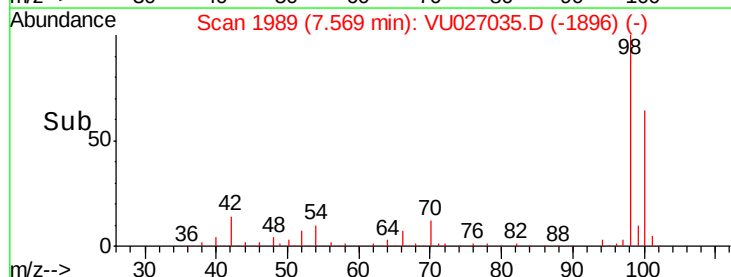
98 100

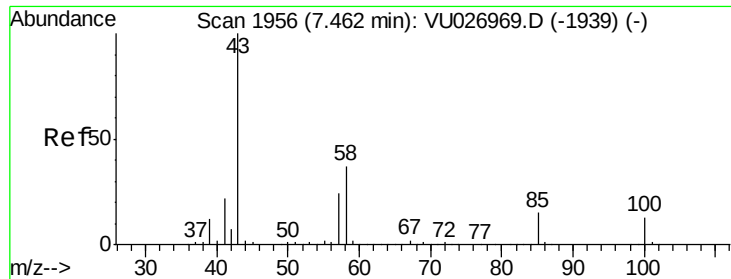
100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

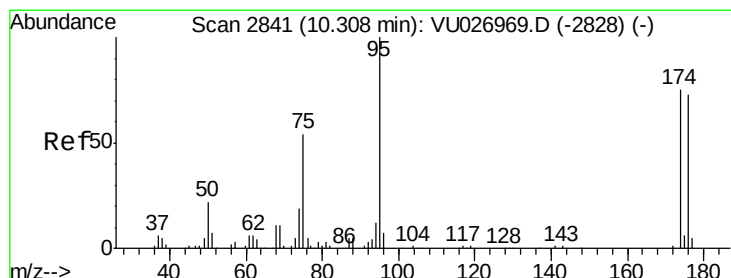
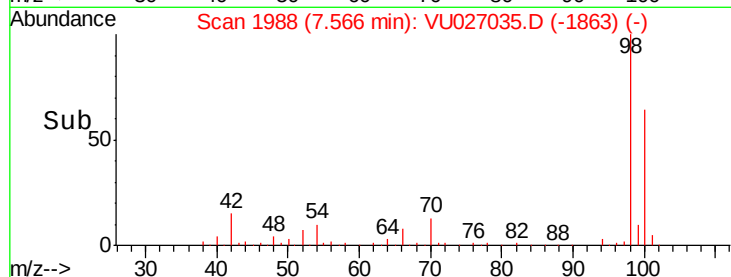
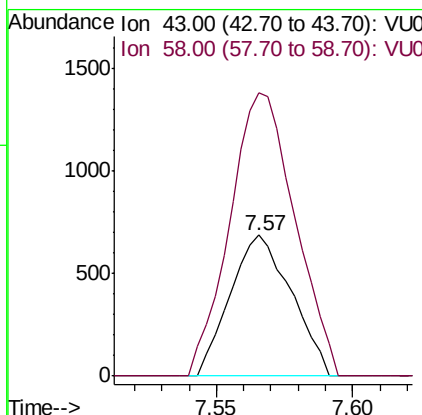
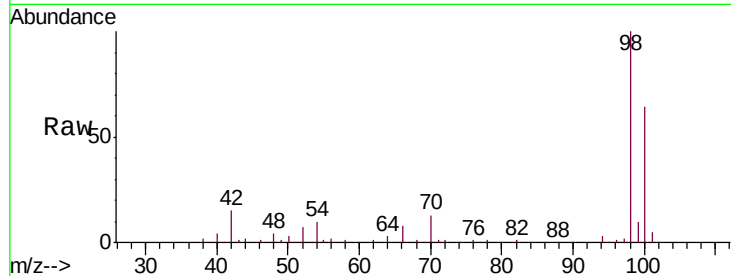




#51
 4-Methyl-2-Pentanone
 Concen: 0.397 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

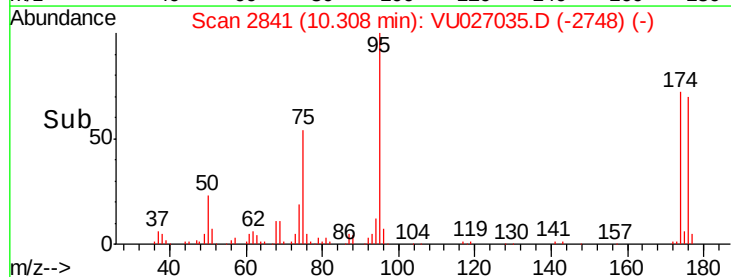
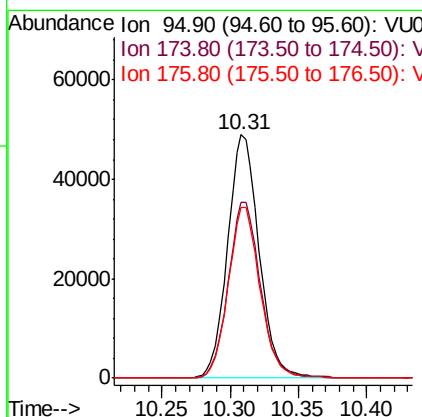
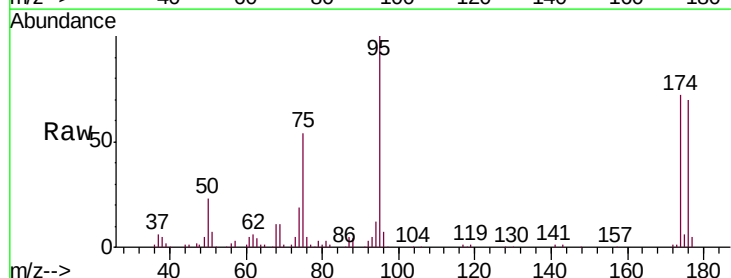
Instrument :
 MSVOA_U
 ClientSampleId :
 FC-DUP02-20180911

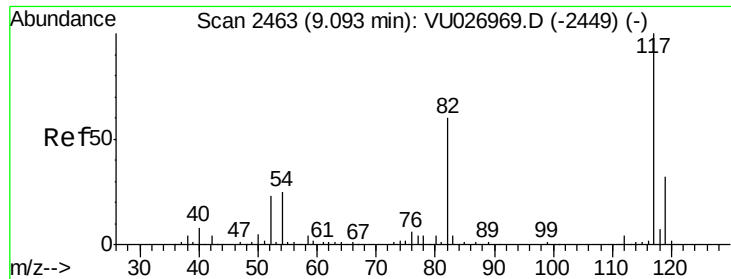
Tgt Ion: 43 Resp: 1073
 Ion Ratio Lower Upper
 43 100
 58 213.0 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 45.414 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

Tgt Ion: 95 Resp: 78597
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 150.2
 176 71.1 0.0 145.2

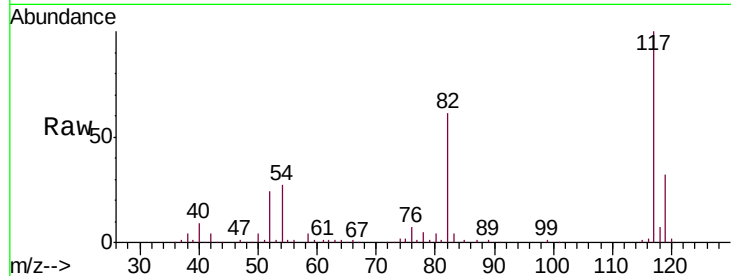




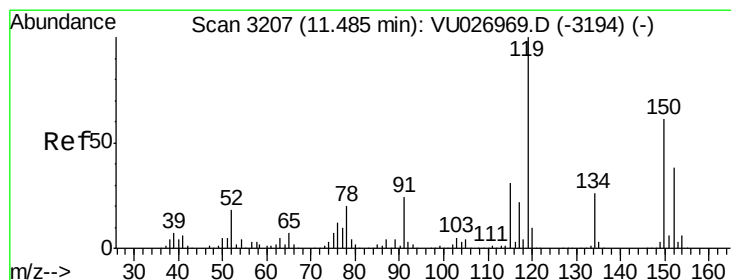
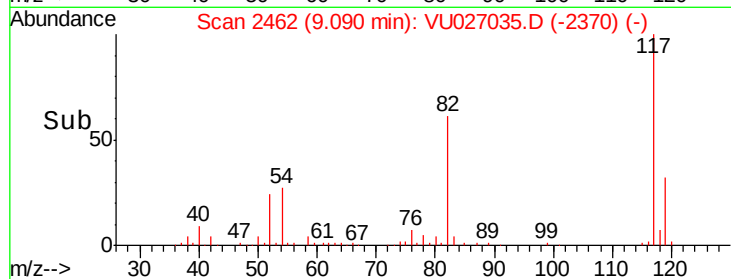
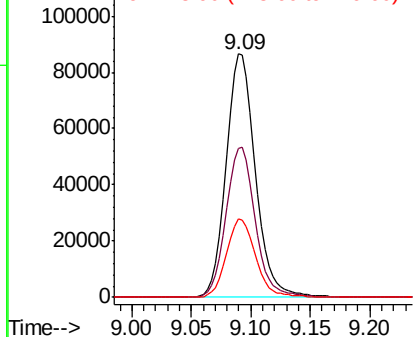
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027035.D
Acq: 22 Sep 2018 22:46

Instrument :
MSVOA_U
ClientSampleId :
FC-DUP02-20180911

Tgt Ion:117 Resp: 147550
Ion Ratio Lower Upper
117 100
82 61.4 48.0 72.0
119 32.0 25.8 38.8

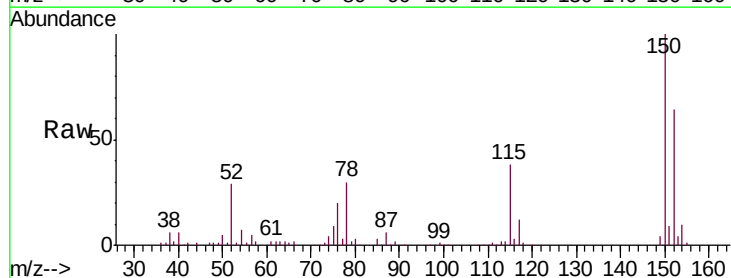


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

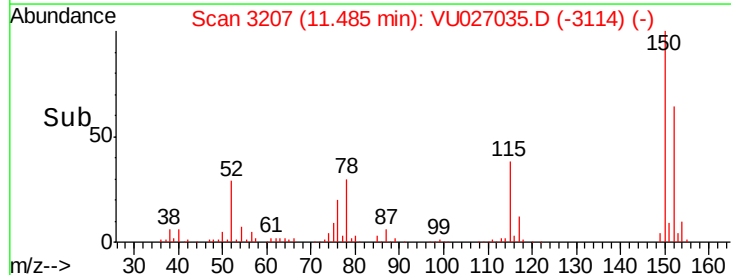
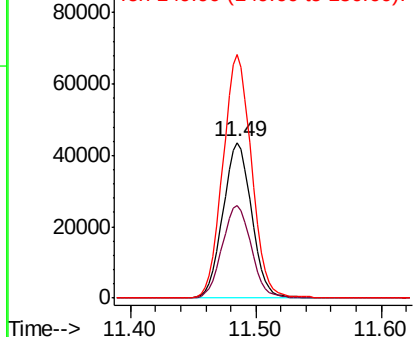


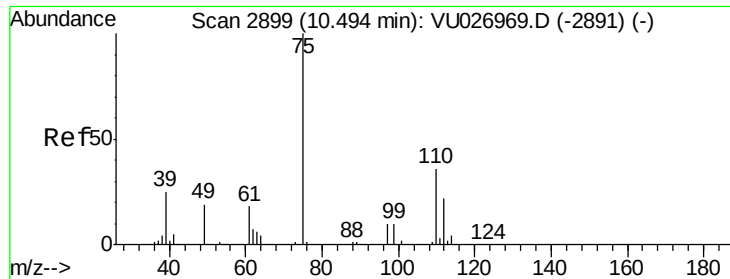
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027035.D
Acq: 22 Sep 2018 22:46

Tgt Ion:152 Resp: 68933
Ion Ratio Lower Upper
152 100
115 60.3 44.9 134.5
150 156.8 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

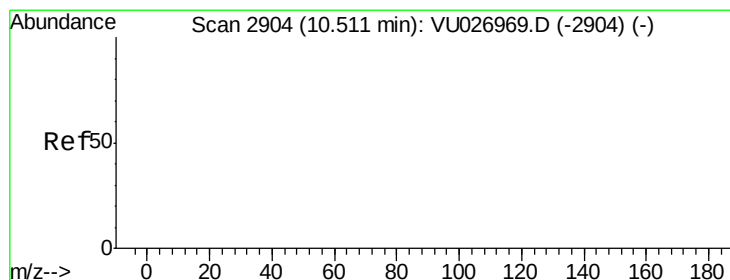
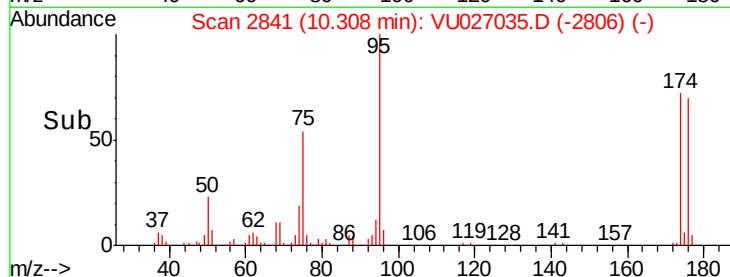
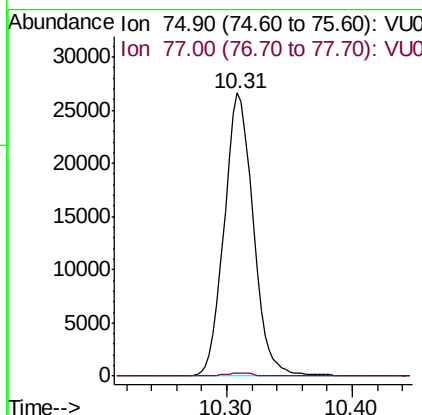
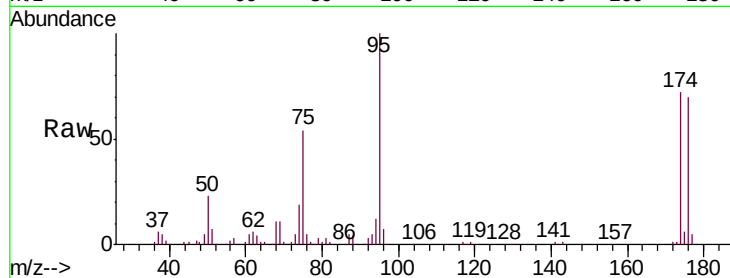




#76
 1,2,3-Trichloropropane
 Concen: 20.420 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

Instrument :
 MSVOA_U
 ClientSampleId :
 FC-DUP02-20180911

Tgt Ion: 75 Resp: 42762
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.346 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027035.D
 Acq: 22 Sep 2018 22:46

Tgt Ion: 75 Resp: 42762
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

