

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027266.D
 Acq On : 28 Sep 2018 13:09
 Operator : MD/SY
 Sample : J5104-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-E5JEB5-TB1

Quant Time: Sep 28 16:18:15 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	94657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	162700	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	155025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70782	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	98529	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	4.89	113	69156	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	7.57	98	258457	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	10.31	95	84332	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	

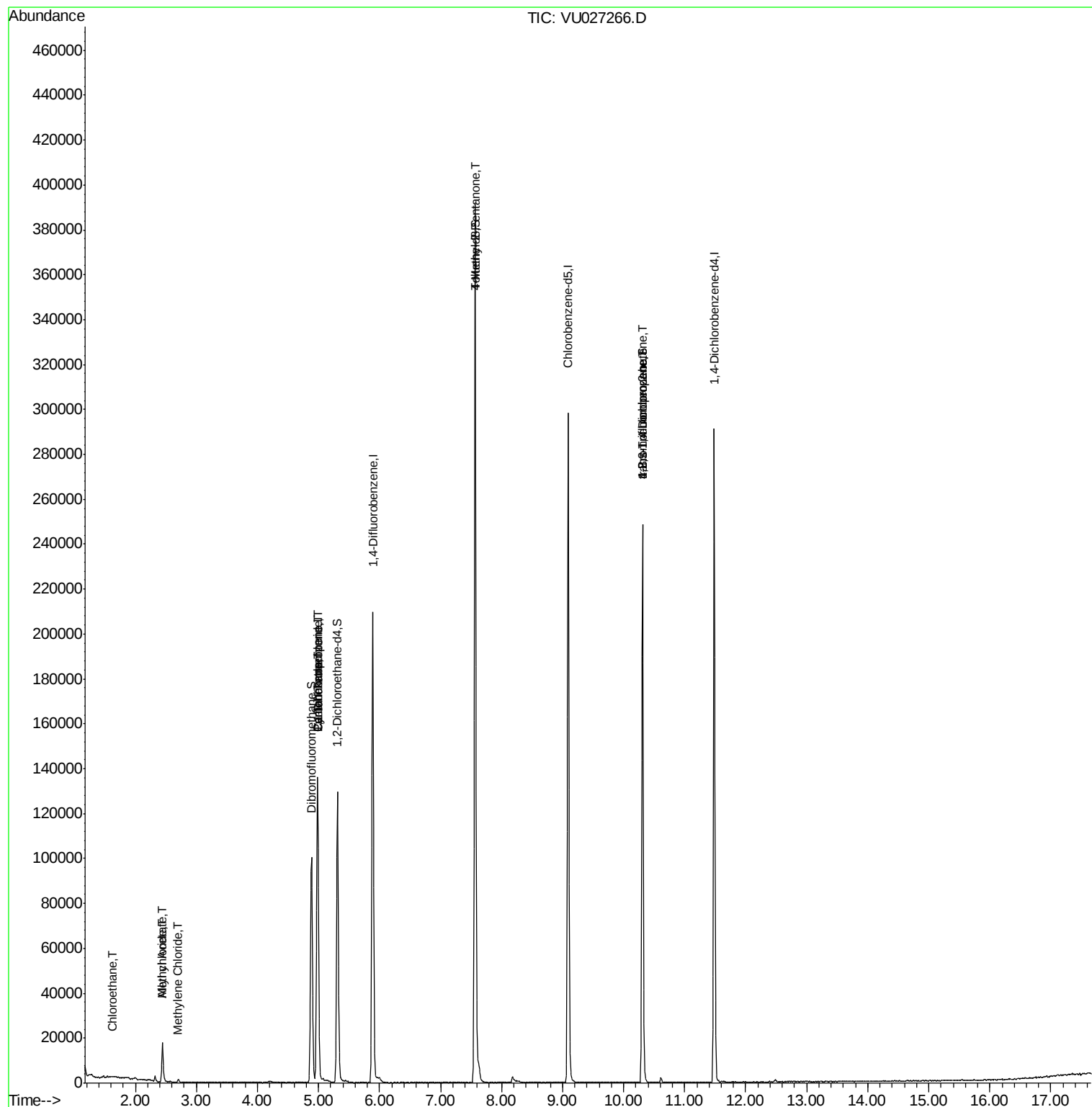
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.63	64	1050	0.826	ug/l #	43
14) Allyl chloride	2.44	41	1656	0.625	ug/l #	69
16) Acetone	2.32	43	2505	Below Cal		91
18) Methyl Acetate	2.44	43	4237	1.563	ug/l #	55
20) Methylene Chloride	2.70	84	558	0.327	ug/l	94
31) Cyclohexane	4.99	56	2389	0.269	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8984	4.137	ug/l #	51
38) Carbon Tetrachloride	4.99	117	9608	4.650	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1270	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	45547	21.181	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	45547	67.784	ug/l #	100

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

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MSVOA_U
ClientSampleId :
FA18-E5JEB5-TB1

Quant Time: Sep 28 16:18:15 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: VU027266.D

Acq: 28 Sep 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

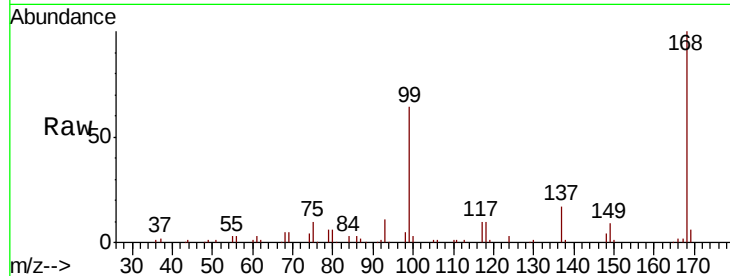
FA18-E5JEB5-TB1

Tot Ion:168 Resp: 94657

Ion Ratio Lower Upper

168 100

99 63.5 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

40000

30000

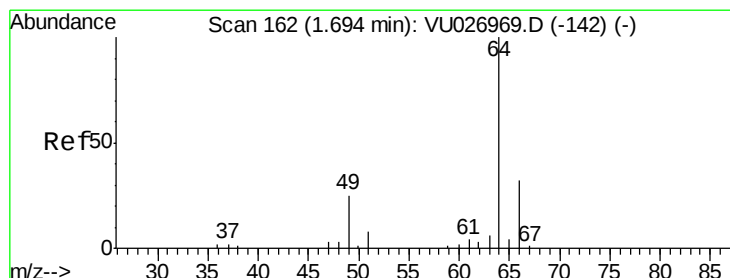
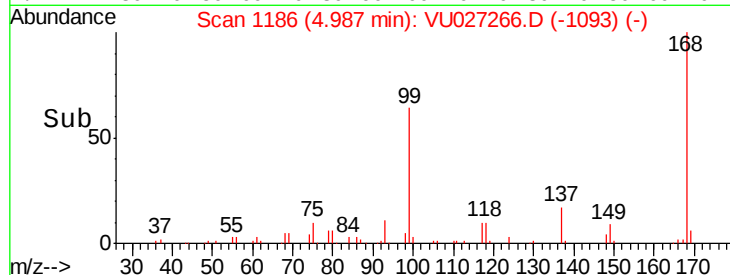
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#6

Chloroethane

Concen: 0.826 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.06 min

Lab File: VU027266.D

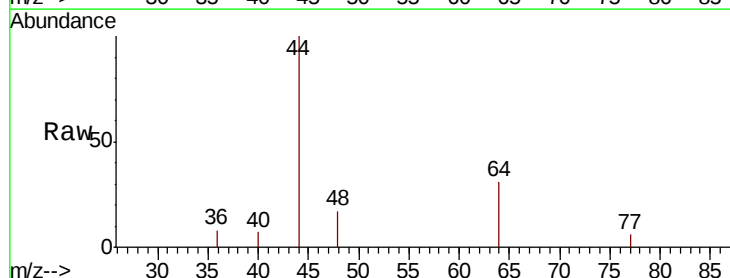
Acq: 28 Sep 2018 13:09

Tgt Ion: 64 Resp: 1050

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) (-)

1.63

600

500

400

300

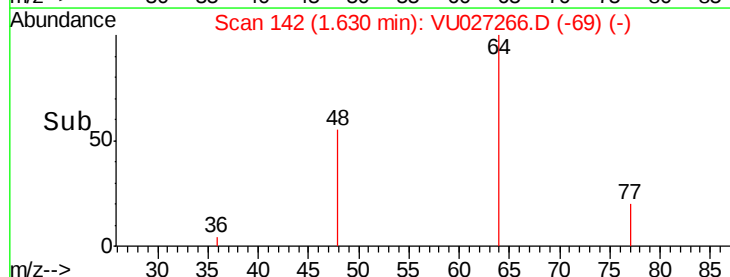
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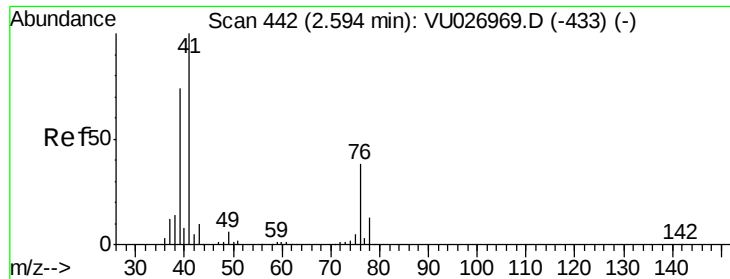
100

0

1.55 1.60 1.65

Time-->

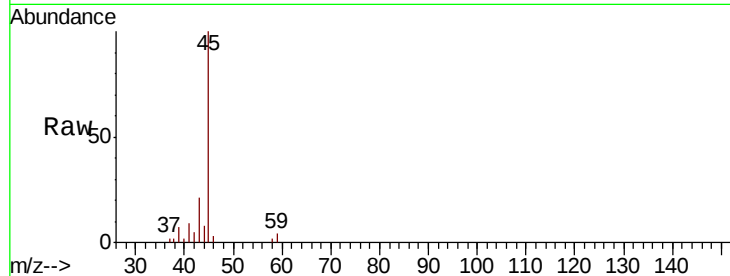




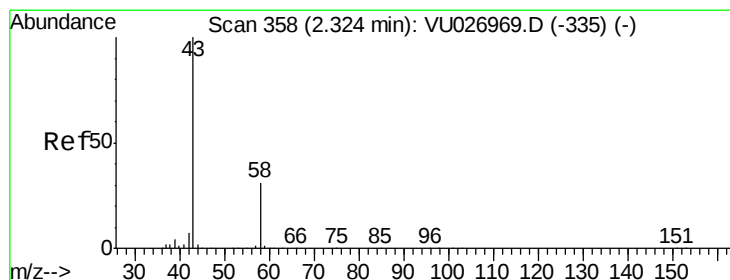
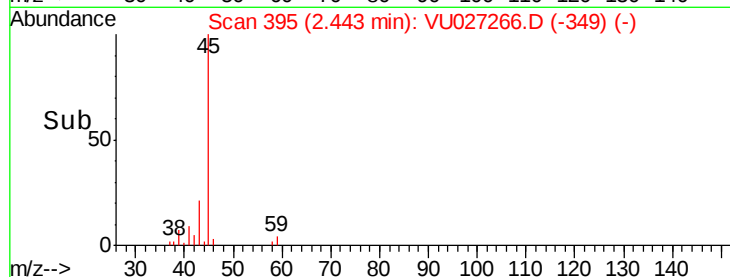
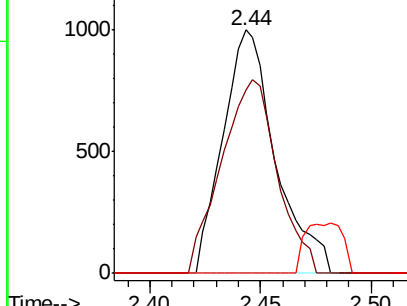
#14
Allvl chloride
Concen: 0.625 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
FA18-E5JEB5-TB1

Tot Ion: 41 Resp: 1656
Ion Ratio Lower Upper
41 100
39 84.4 55.7 83.5#
76 0.0 26.5 39.7#

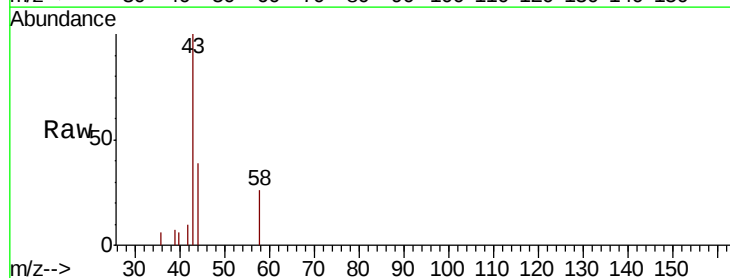


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 75.90 (75.60 to 76.60): VU0

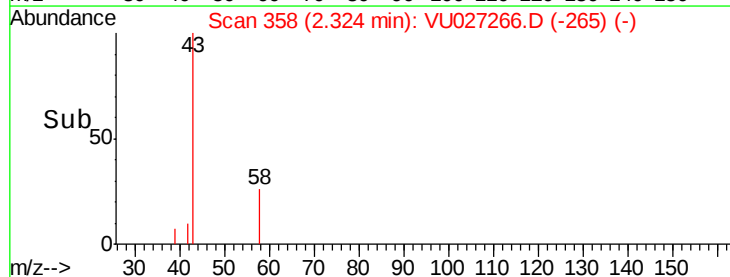
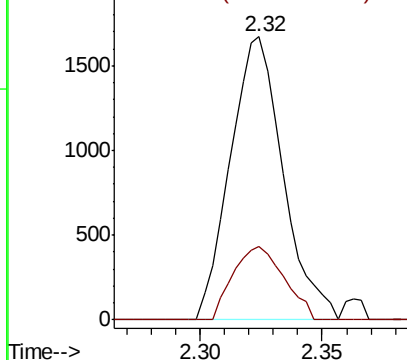


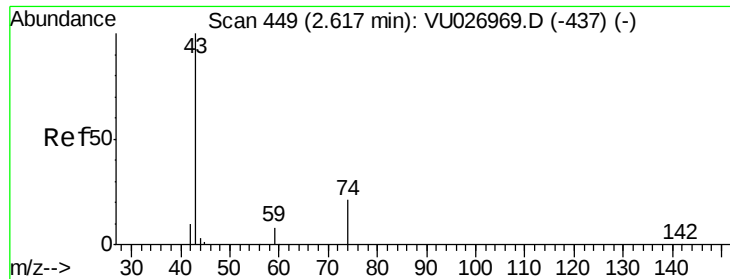
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Tgt Ion: 43 Resp: 2505
Ion Ratio Lower Upper
43 100
58 26.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

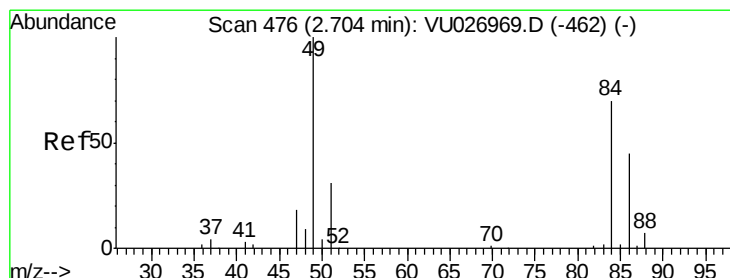
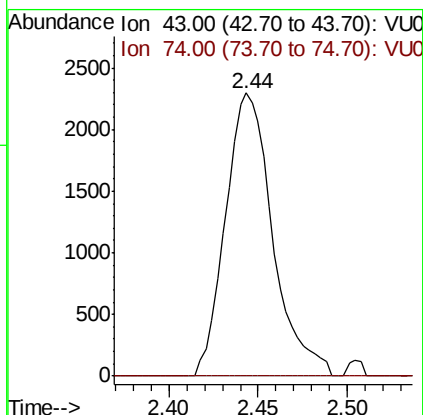
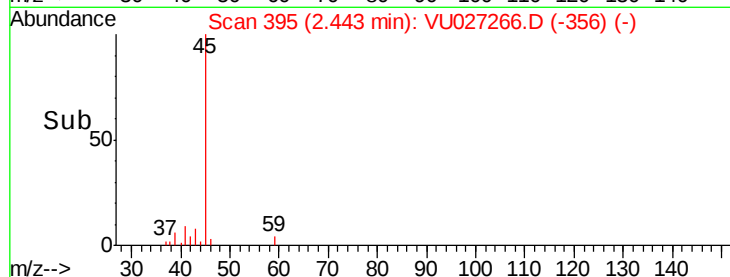
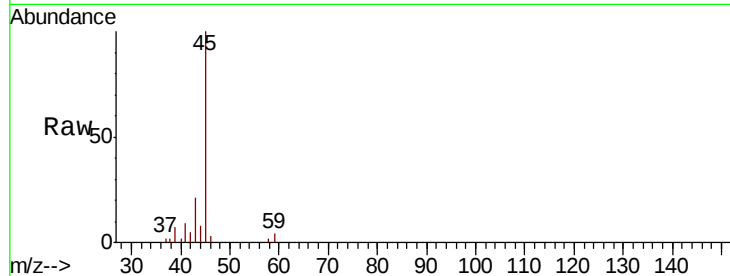




#18
Methvl Acetate
Concen: 1.563 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

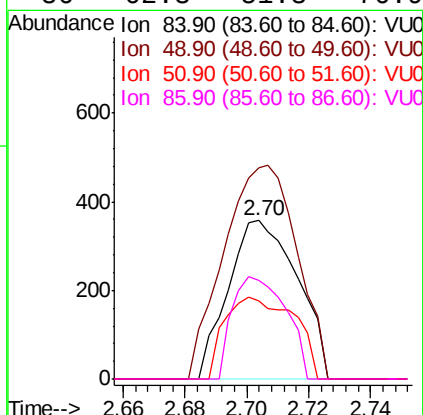
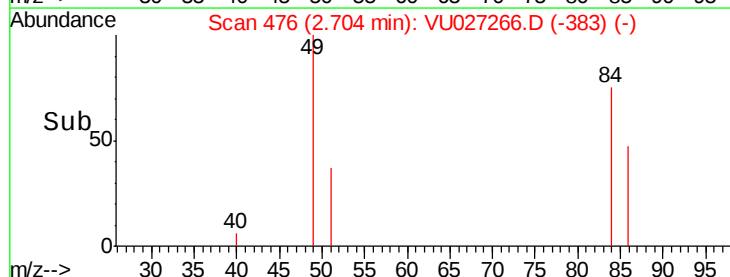
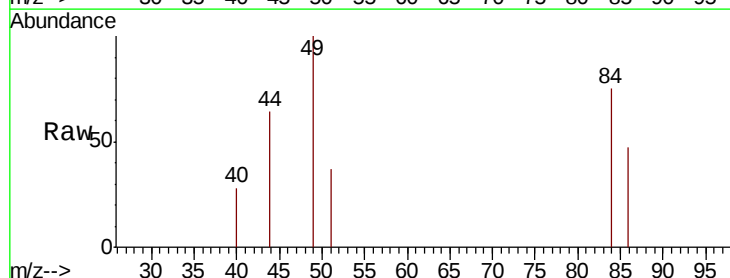
Instrument :
MSVOA_U
ClientSampleId :
FA18-E5JEB5-TB1

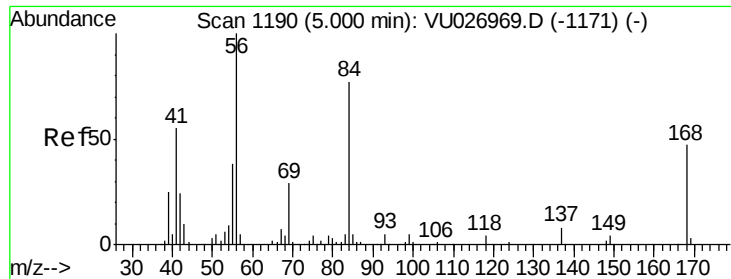
Tot Ion: 43 Resp: 4237
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Tgt Ion: 84 Resp: 558
Ion Ratio Lower Upper
84 100
49 133.5 114.9 172.3
51 49.4 35.8 53.8
86 62.3 51.3 76.9

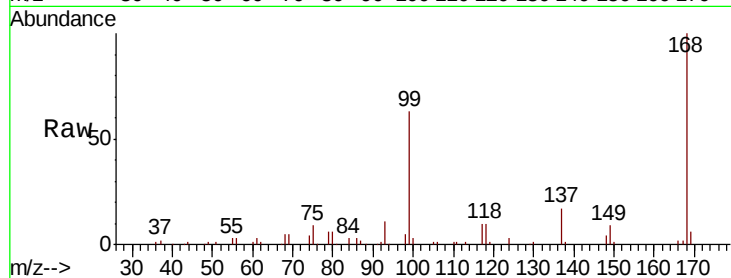




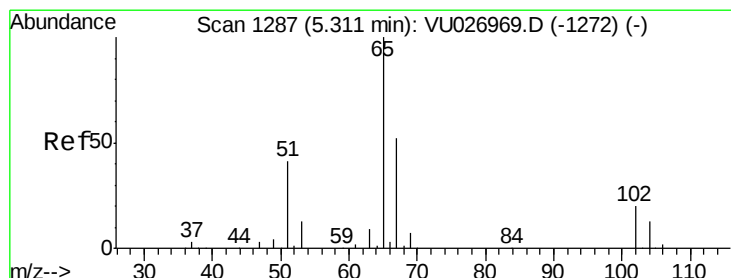
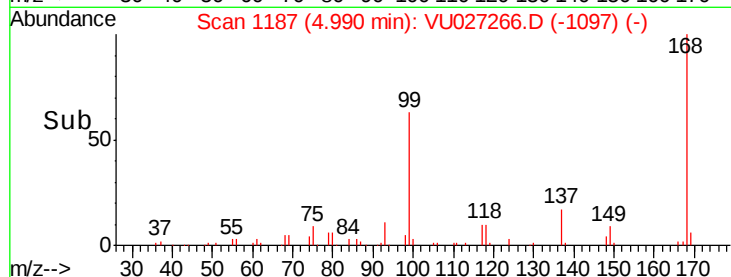
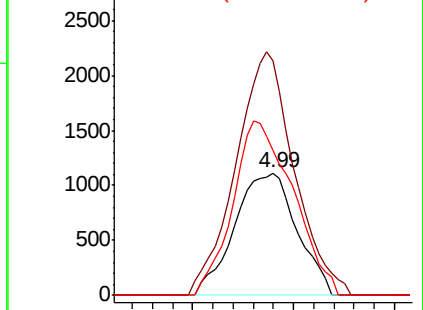
#31
Cyclohexane
Concen: 0.269 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
FA18-E5JEB5-TB1

Tot Ion: 56 Resp: 2389
Ion Ratio Lower Upper
56 100
69 191.8 23.0 34.4#
84 118.5 61.4 92.2#

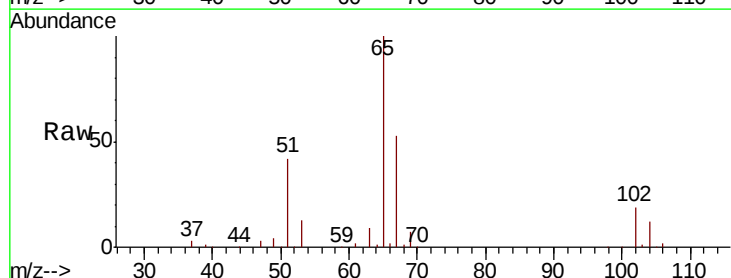


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

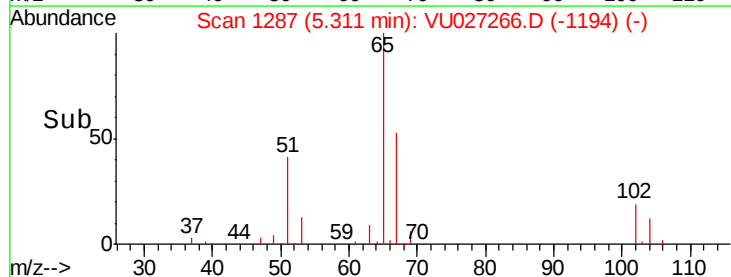
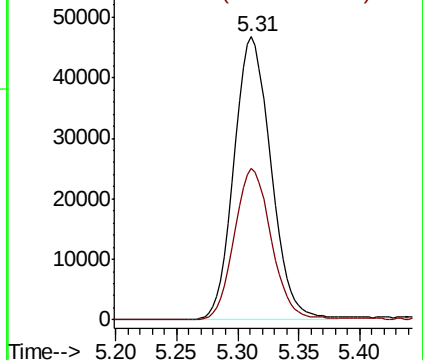


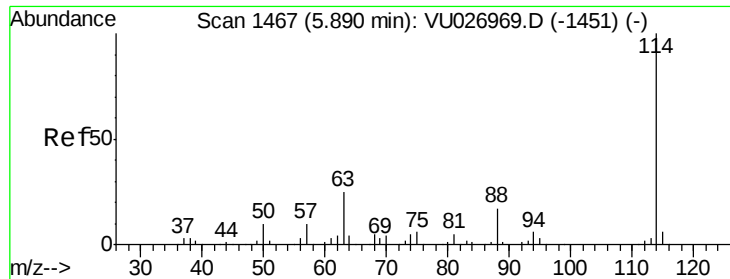
#33
1,2-Dichloroethane-d4
Concen: 51.718 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Tgt Ion: 65 Resp: 98529
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.6



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

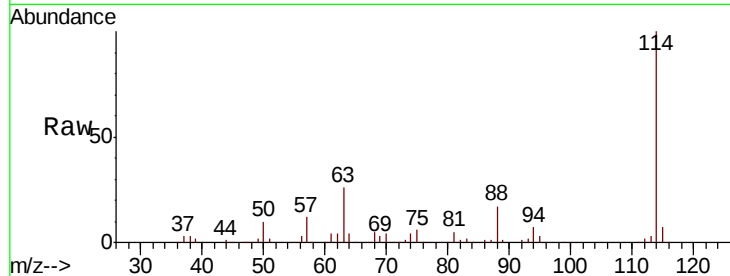




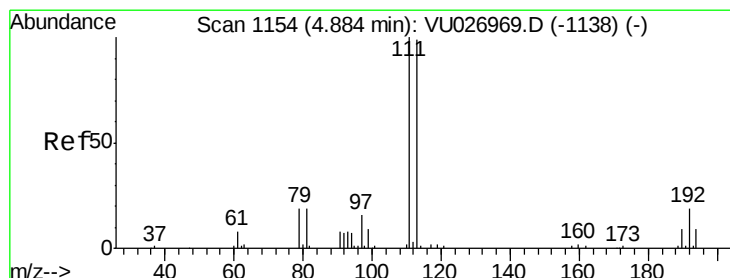
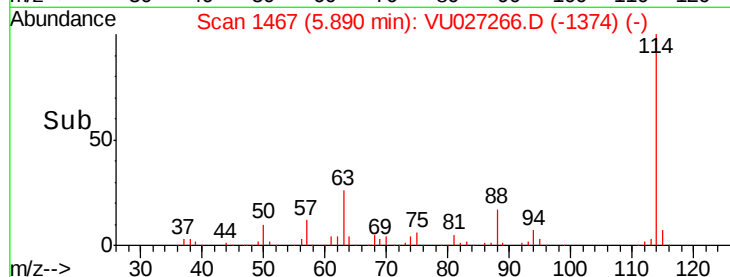
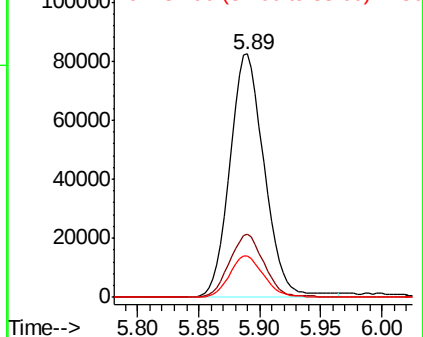
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027266.D
 Acq: 28 Sep 2018 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-E5JEB5-TB1

Tot Ion:114 Resp: 162700
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 16.9 0.0 33.8

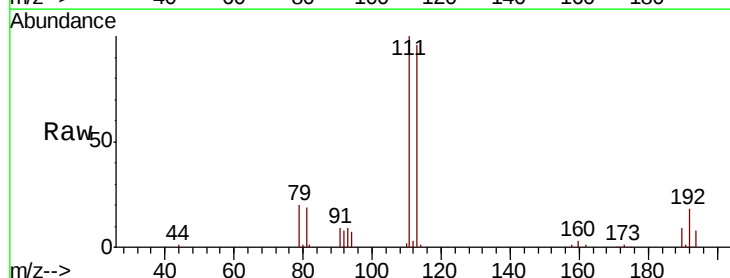


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

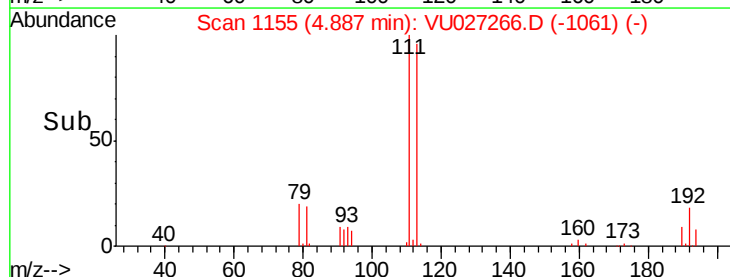
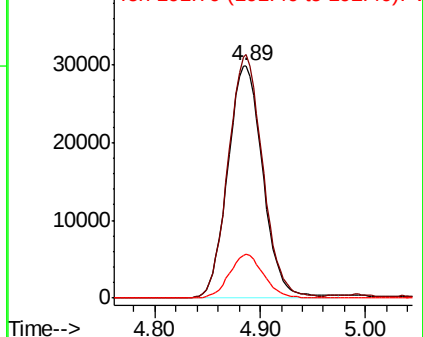


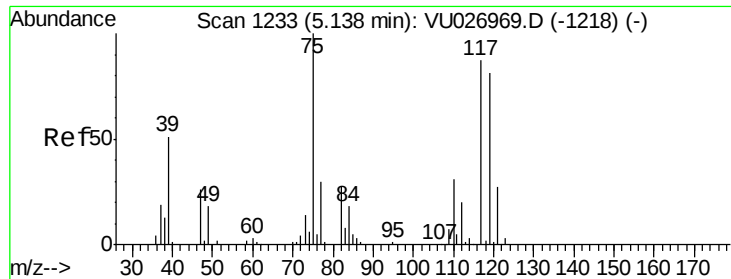
#35
 Dibromofluoromethane
 Concen: 49.037 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027266.D
 Acq: 28 Sep 2018 13:09

Tgt Ion:113 Resp: 69156
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 18.4 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

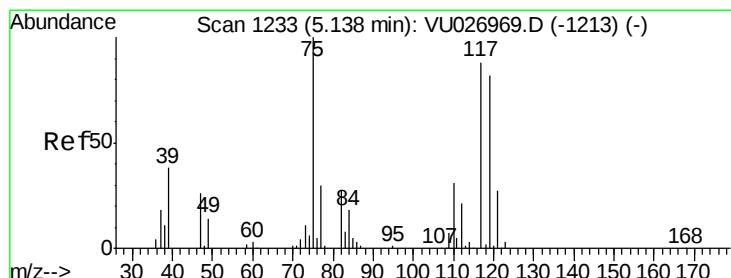
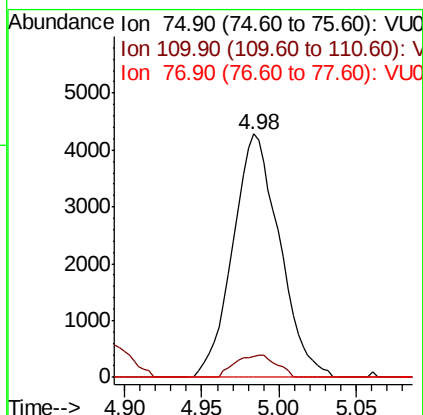
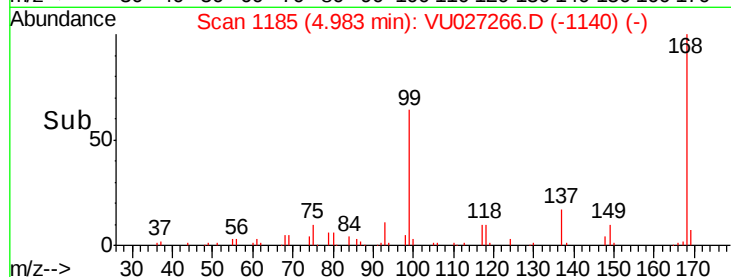
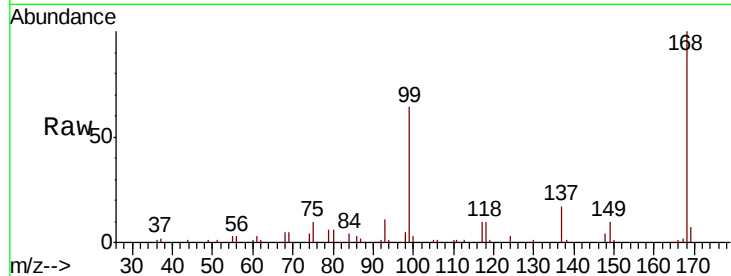




#36
 1,1-Dichloropropene
 Concen: 4.137 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027266.D
 Acq: 28 Sep 2018 13:09

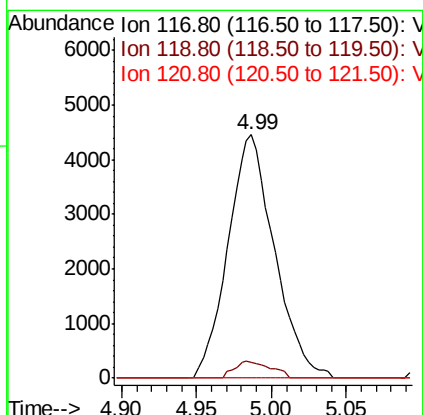
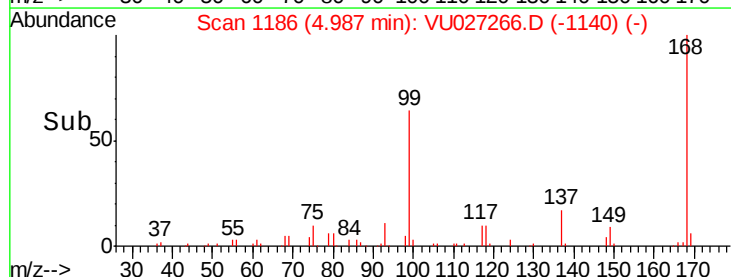
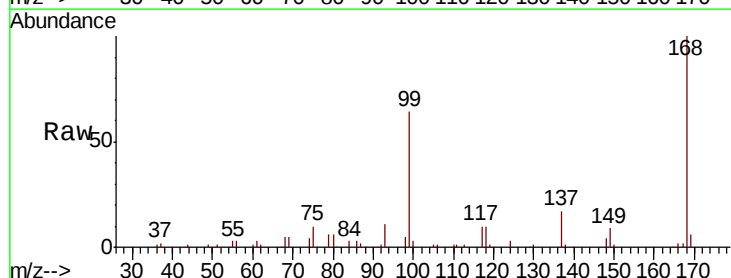
Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-E5JEB5-TB1

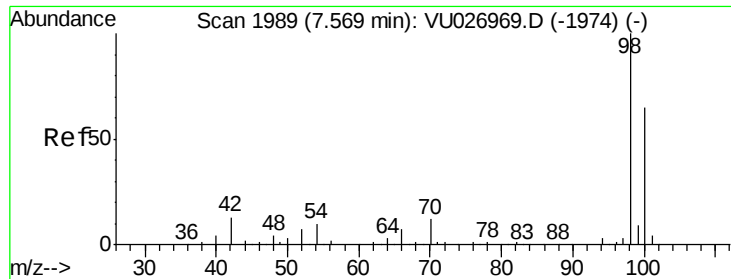
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.1	48.2#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.650 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027266.D
 Acq: 28 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.7	74.4	111.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 48.088 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VU027266.D

Acq: 28 Sep 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

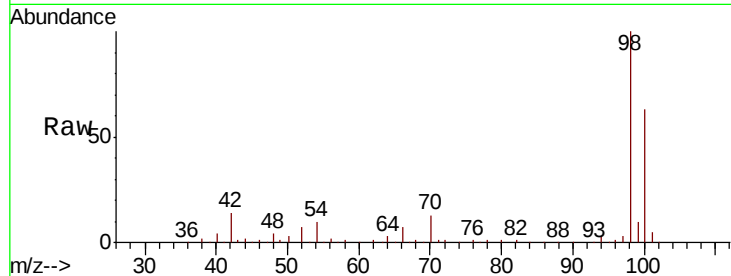
FA18-E5JEB5-TB1

Tot Ion: 98 Resp: 258457

Ion Ratio Lower Upper

98 100

100 63.8 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

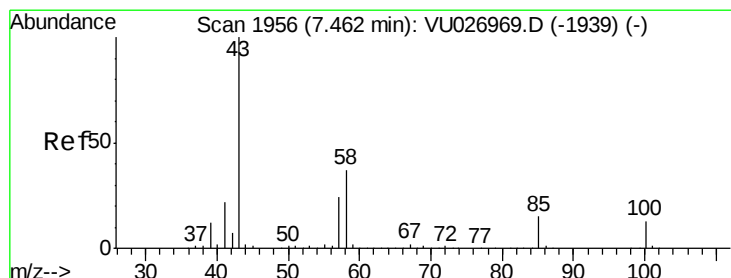
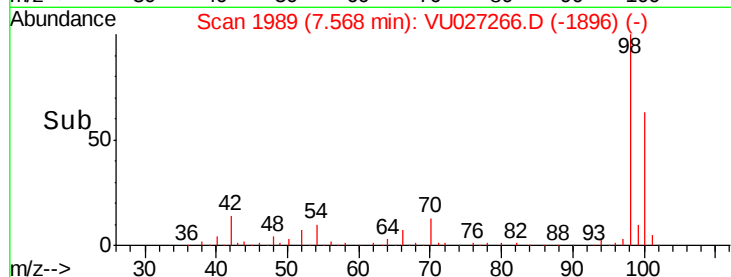
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.440 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027266.D

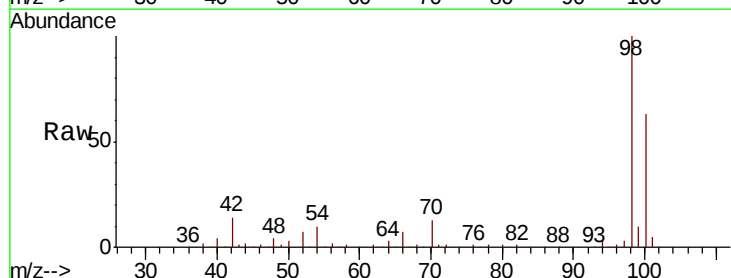
Acq: 28 Sep 2018 13:09

Tgt Ion: 43 Resp: 1270

Ion Ratio Lower Upper

43 100

58 192.0 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) (-)

1500

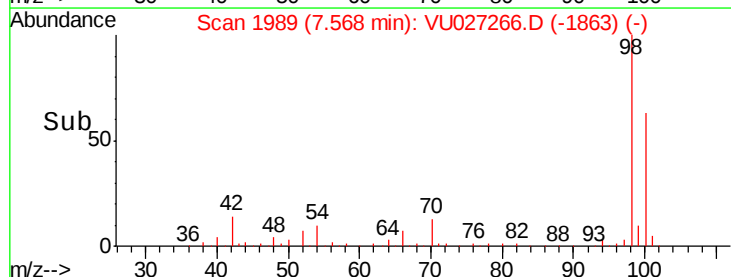
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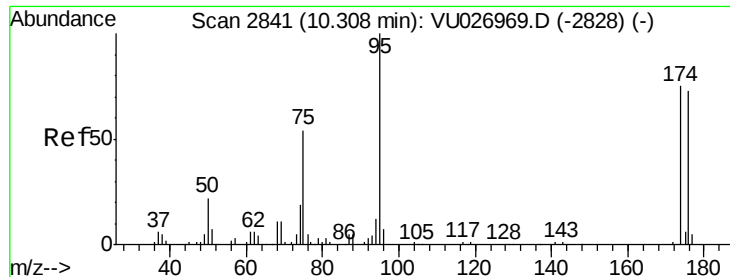
500

0

7.55 7.57 7.59 7.61

Time-->

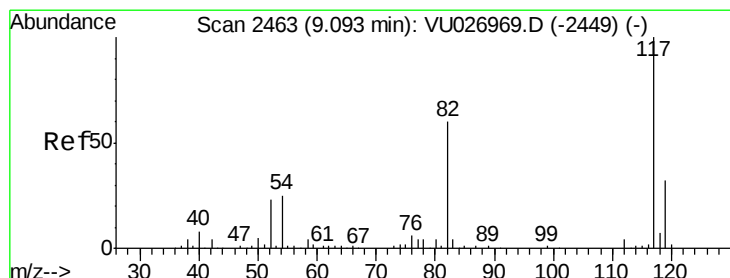
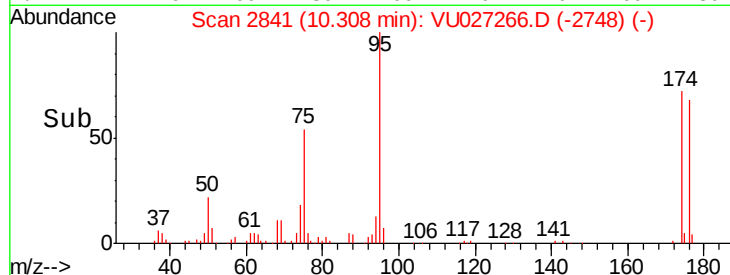
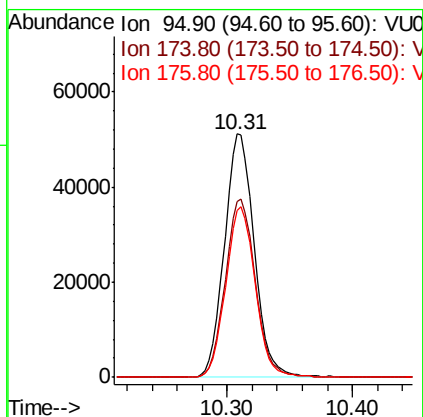
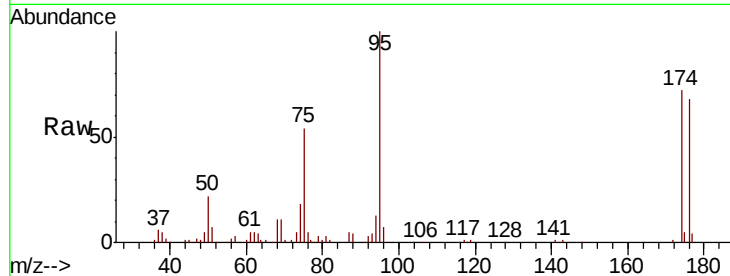




#62
4-Bromofluorobenzene
Concen: 45.728 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

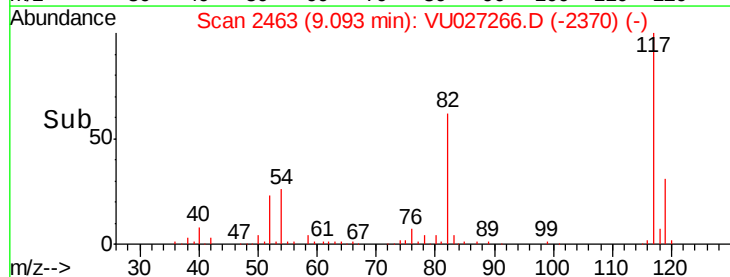
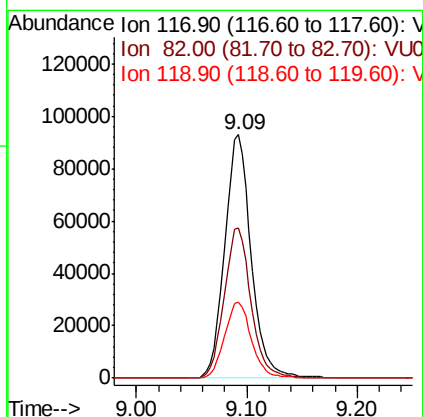
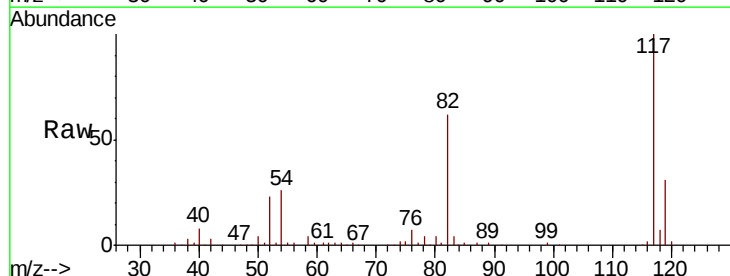
Instrument :
MSVOA_U
ClientSampleId :
FA18-E5JEB5-TB1

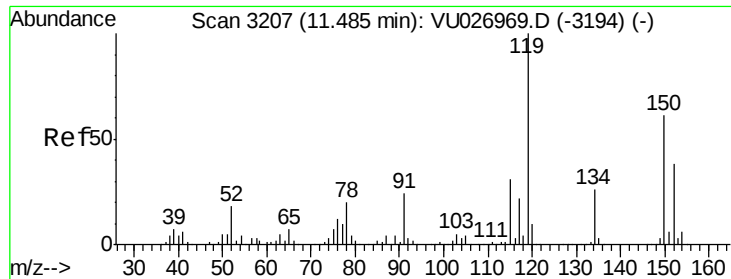
Tot Ion: 95 Resp: 84332
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.2
176 69.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Tgt Ion: 117 Resp: 155025
Ion Ratio Lower Upper
117 100
82 61.6 48.0 72.0
119 31.1 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: VU027266.D

Acq: 28 Sep 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

FA18-E5JEB5-TB1

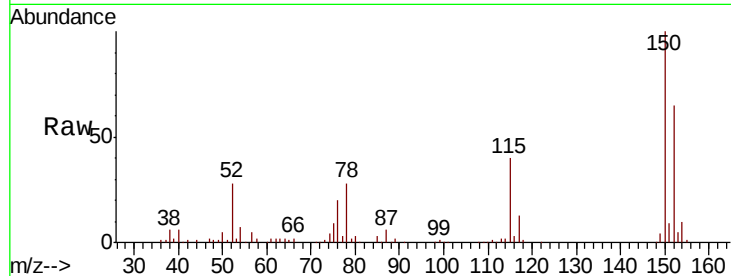
Tot Ion:152 Resp: 70782

Ion Ratio Lower Upper

152 100

115 60.4 44.9 134.5

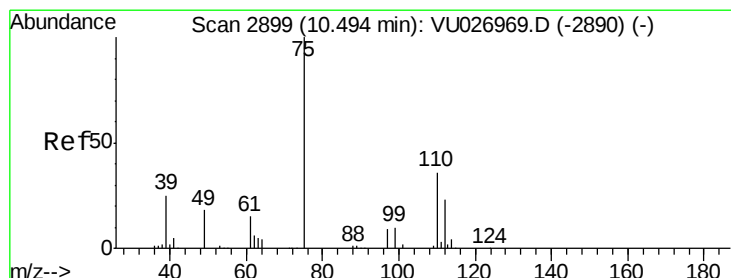
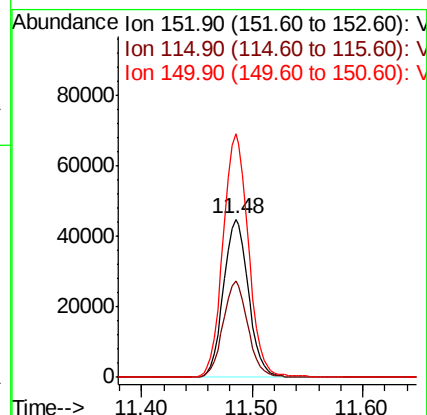
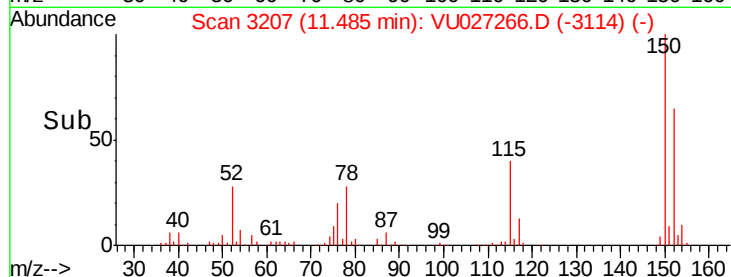
150 155.7 0.0 355.8



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: 21.181 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027266.D

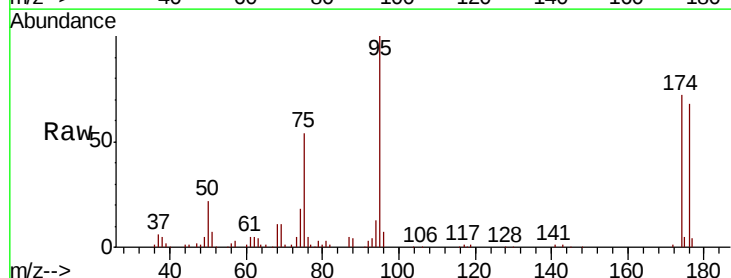
Acq: 28 Sep 2018 13:09

Tgt Ion: 75 Resp: 45547

Ion Ratio Lower Upper

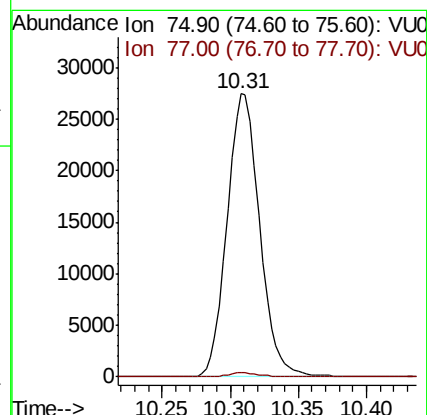
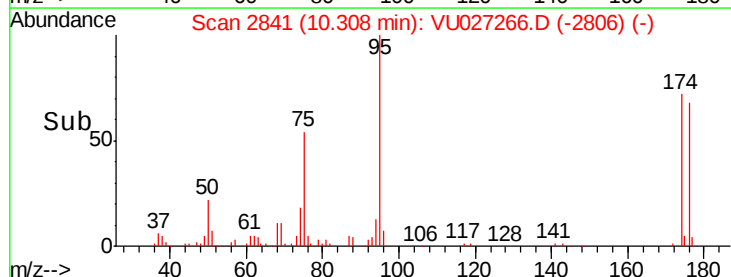
75 100

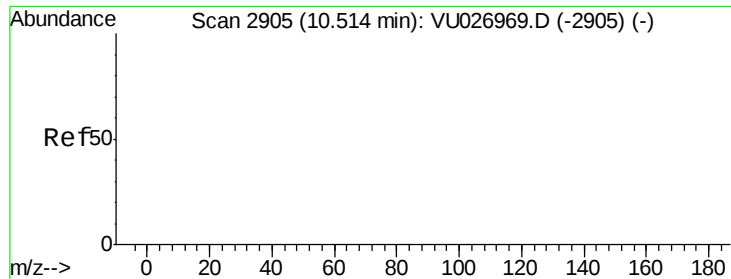
77 1.3 20.9 62.8#



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: 67.784 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027266.D
Acq: 28 Sep 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
FA18-E5JEB5-TB1

Tot Ion: 75 Resp: 45547
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

