

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027261.D
 Acq On : 28 Sep 2018 11:12
 Operator : MD/SY
 Sample : J5103-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-CSS-TB1

Quant Time: Sep 28 16:17:00 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	98388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	169330	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	162493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74838	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	103630	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
35) Dibromofluoromethane	4.89	113	71197	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
50) Toluene-d8	7.57	98	271285	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	10.31	95	89072	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

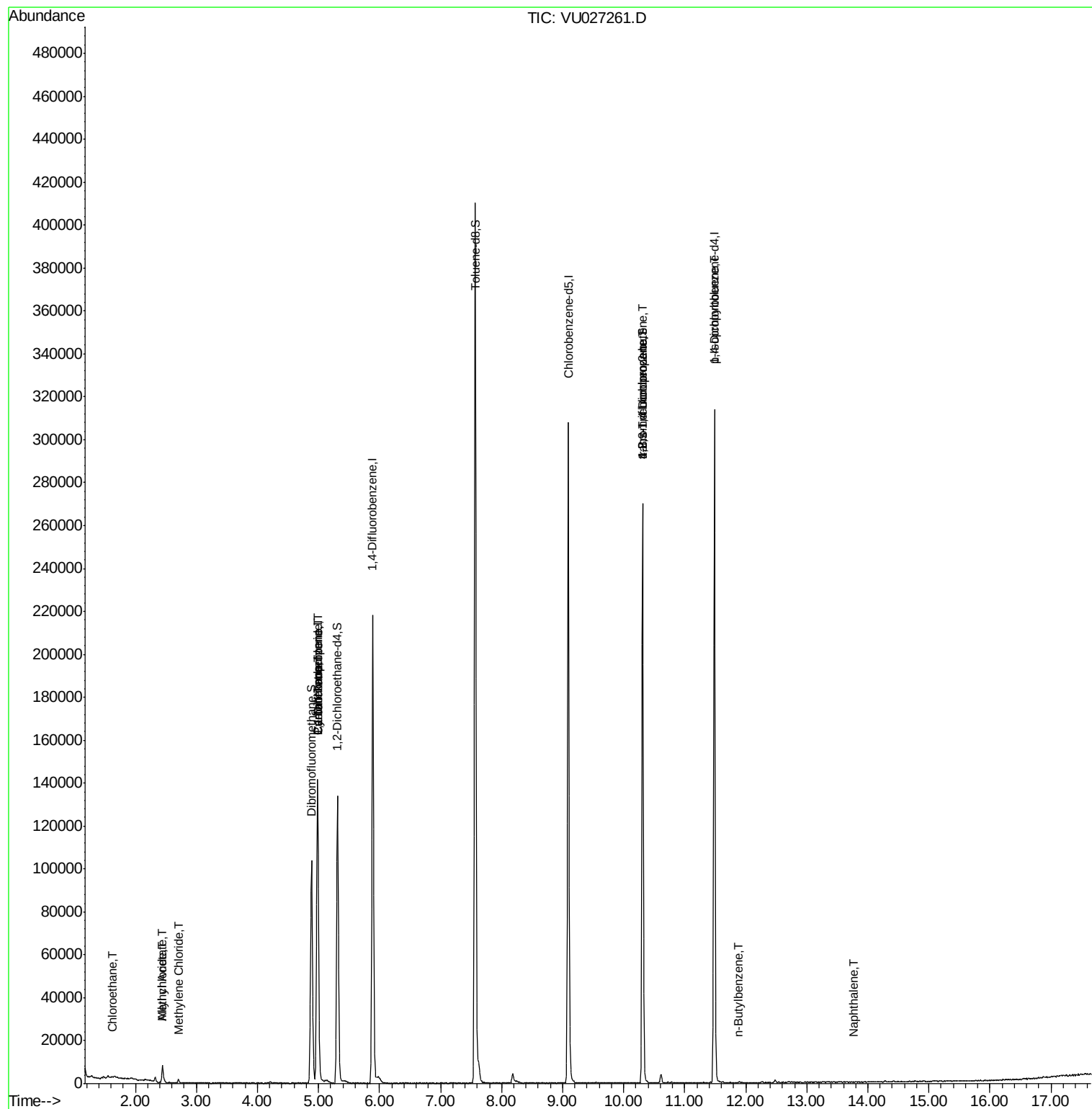
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.62	64	1895	1.435	ug/l #	43
14) Allyl chloride	2.44	41	961	0.349	ug/l #	77
16) Acetone	2.32	43	2532	Below Cal		95
18) Methyl Acetate	2.44	43	2101	0.745	ug/l #	55
20) Methylene Chloride	2.70	84	628	0.354	ug/l	97
31) Cyclohexane	4.99	56	2637	0.322	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9544	4.223	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10268	4.774	ug/l #	17
76) 1,2,3-Trichloropropane	10.31	75	47684	20.973	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	47684	67.118	ug/l #	100
86) p-Isopropyltoluene	11.48	119	92	0.944	ug/l #	1
89) n-Butylbenzene	11.89	91	156	2.421	ug/l #	63
95) Naphthalene	13.77	128	205	1.721	ug/l #	69

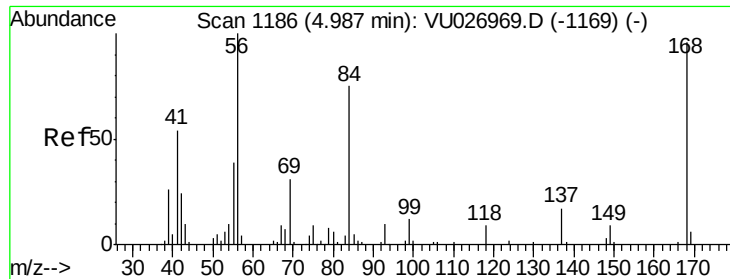
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027261.D

Acq: 28 Sep 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

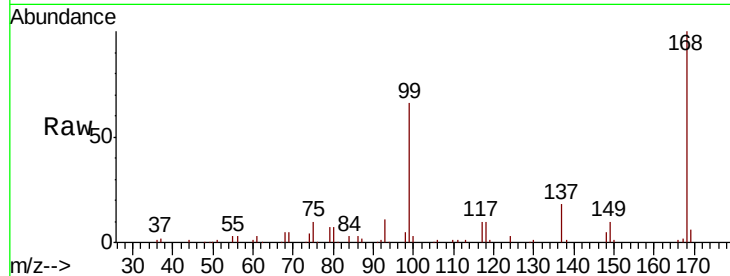
FA18-CSS-TB1

Tot Ion:168 Resp: 98388

Ion Ratio Lower Upper

168 100

99 66.0 48.1 72.1

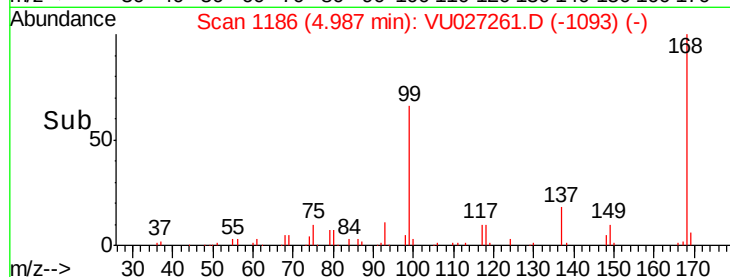


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->

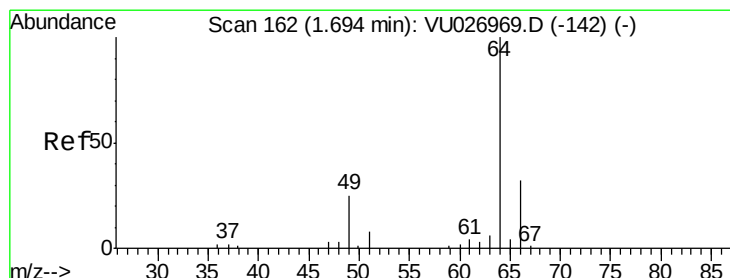


Abundance Ion 167.90 (167.60 to 168.60): VU027261.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027261.D (-1093) (-)

4.99

Time-->



#6

Chloroethane

Concen: 1.435 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.08 min

Lab File: VU027261.D

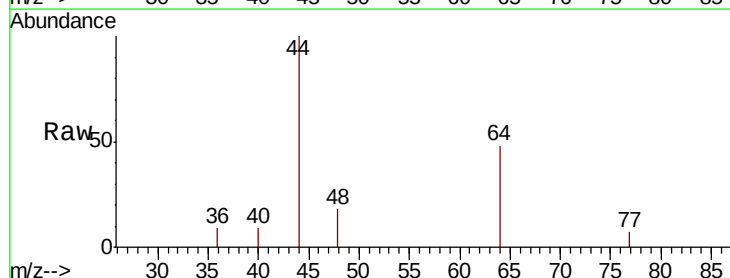
Acq: 28 Sep 2018 11:12

Tgt Ion: 64 Resp: 1895

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#

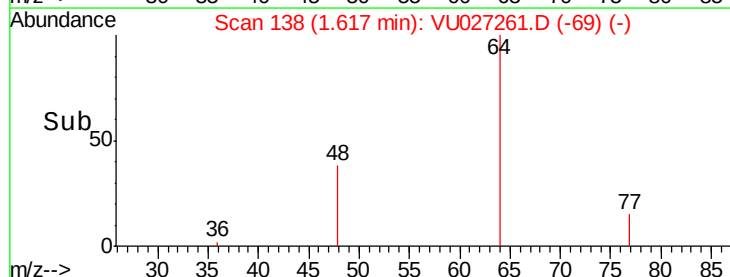


Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

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

1.62

Time-->

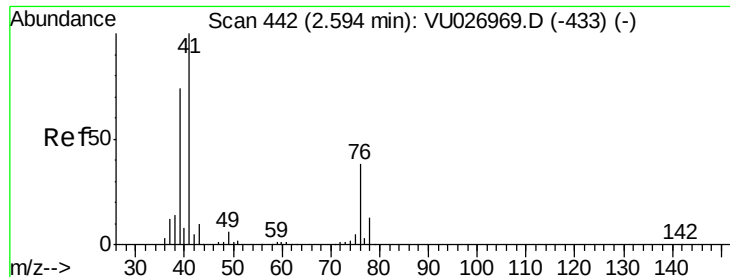


Abundance Ion 63.90 (63.60 to 64.60): VU027261.D (-69) (-)

Ion 65.90 (65.60 to 66.60): VU027261.D (-69) (-)

1.62

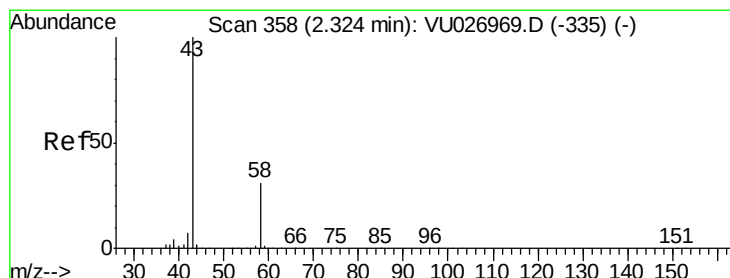
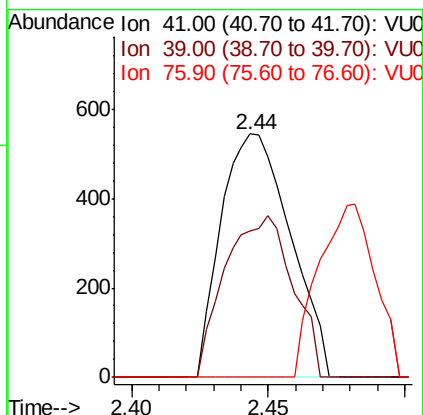
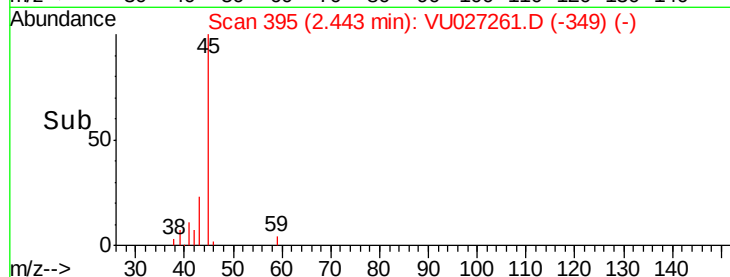
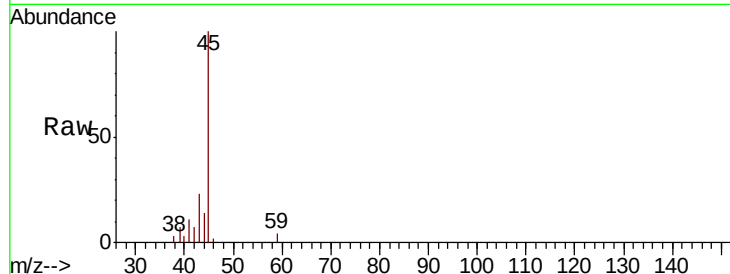
Time-->



#14
Allvl chloride
Concen: 0.349 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

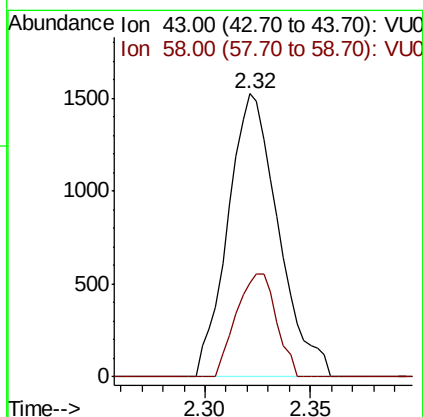
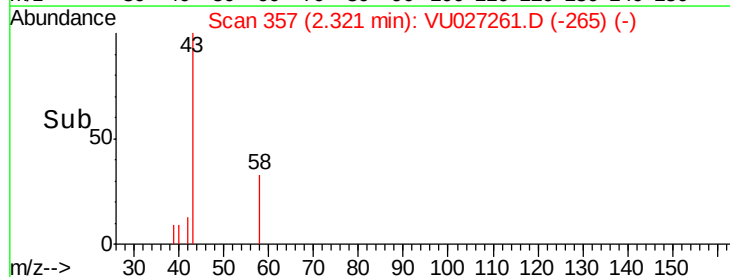
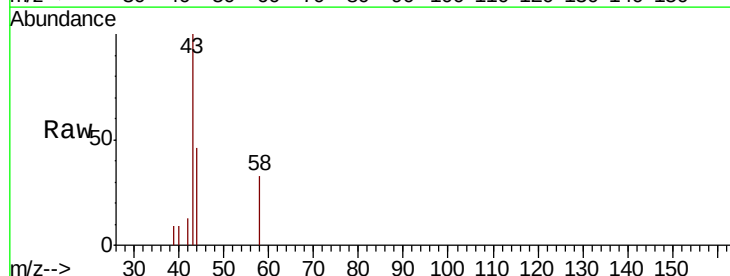
Instrument :
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FA18-CSS-TB1

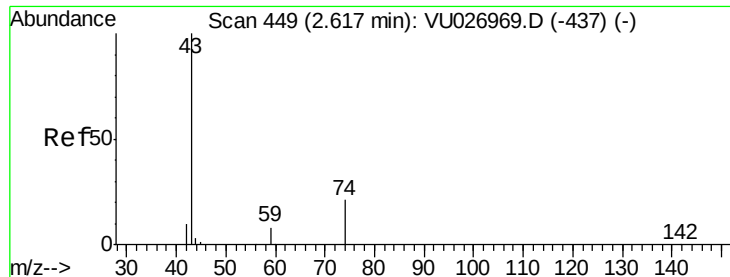
Tot Ion: 41 Resp: 961
Ion Ratio Lower Upper
41 100
39 64.6 55.7 83.5
76 0.0 26.5 39.7#



#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
58 33.3 24.6 36.8

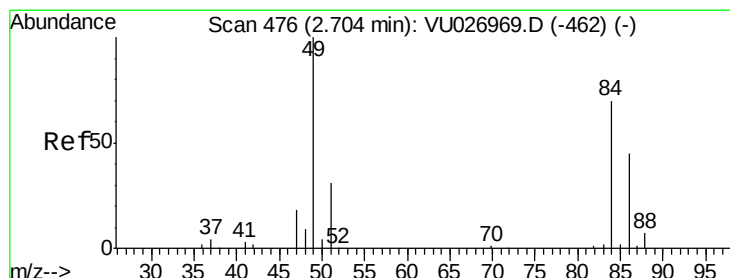
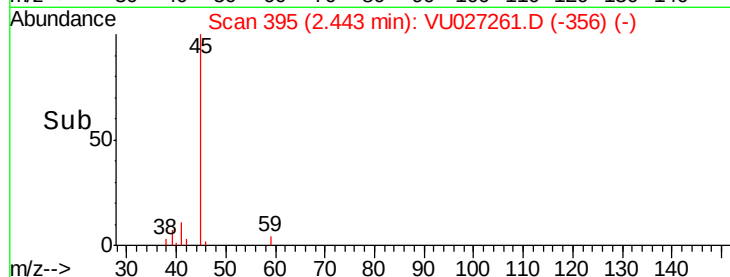
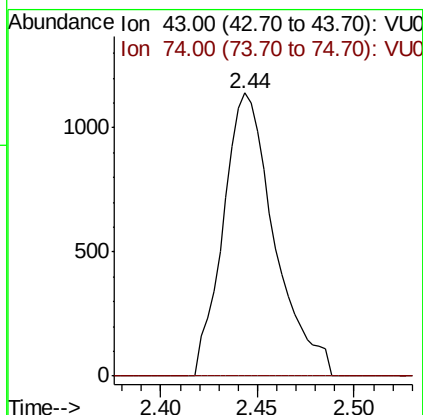
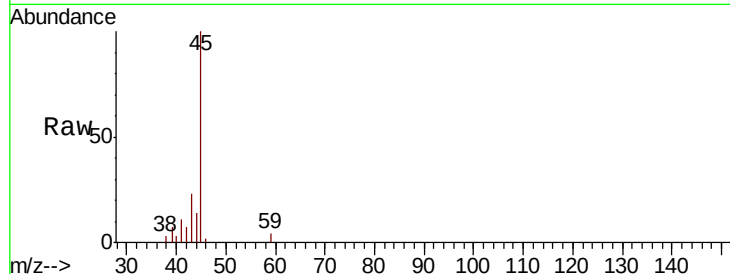




#18
Methvl Acetate
Concen: 0.745 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

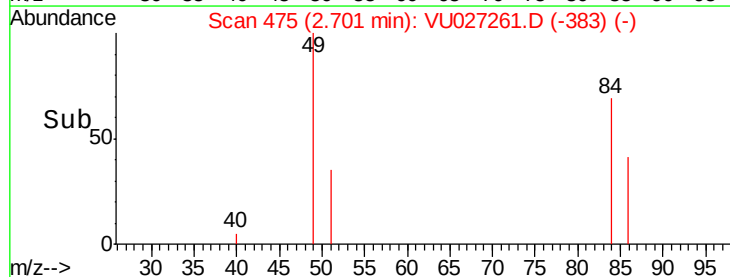
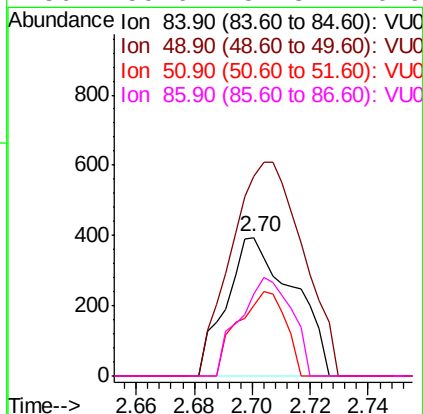
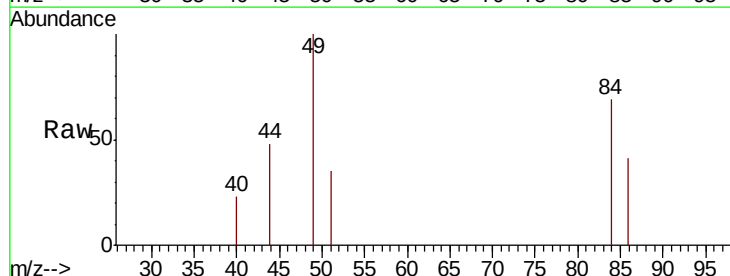
Instrument :
MSVOA_U
ClientSampleId :
FA18-CSS-TB1

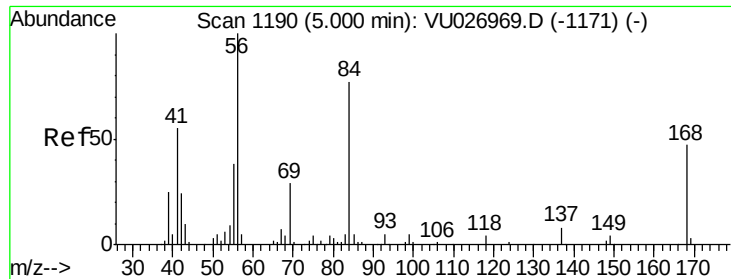
Tot Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 0.354 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

Tgt Ion: 84 Resp: 628
Ion Ratio Lower Upper
84 100
49 144.4 114.9 172.3
51 50.5 35.8 53.8
86 59.6 51.3 76.9

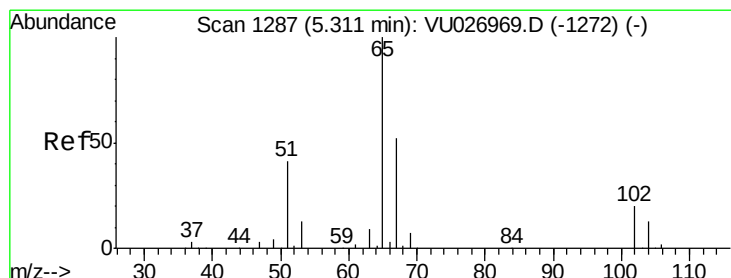
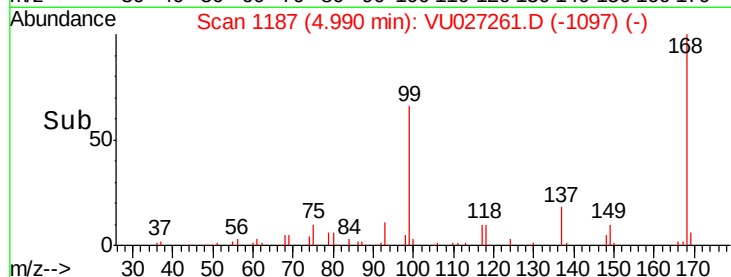
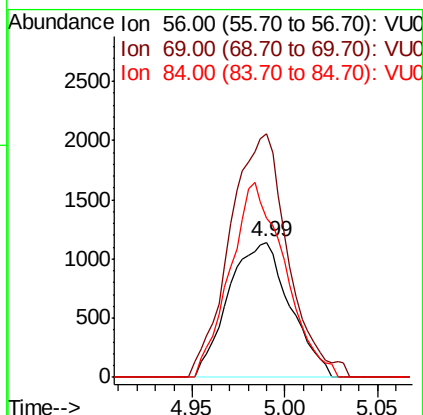
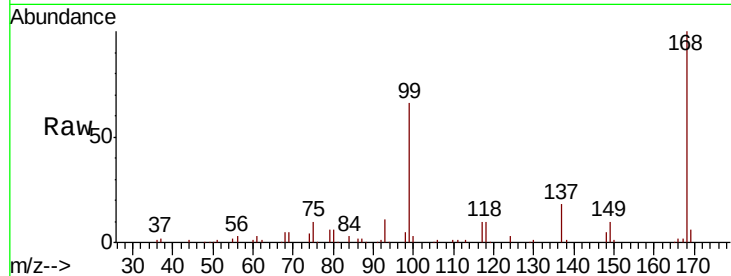




#31
Cyclohexane
Concen: 0.322 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

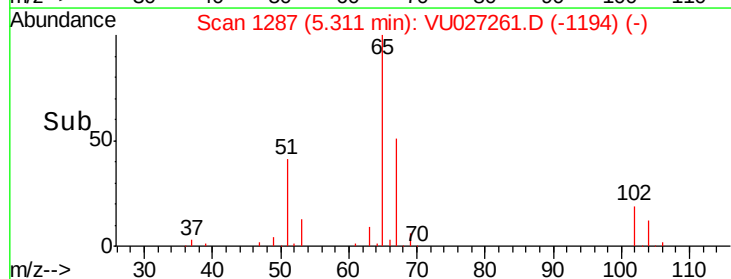
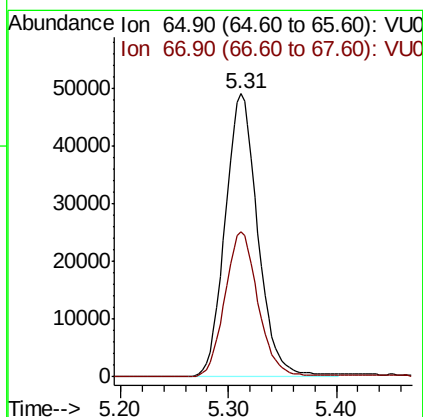
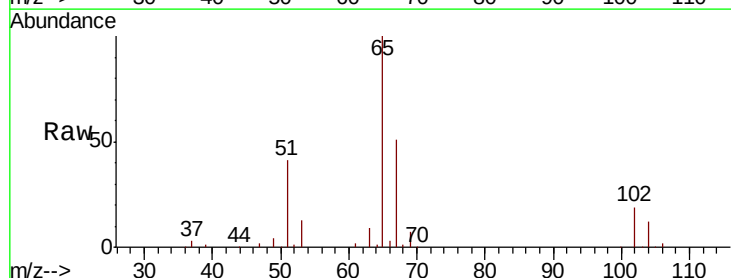
Instrument :
MSVOA_U
ClientSampleId :
FA18-CSS-TB1

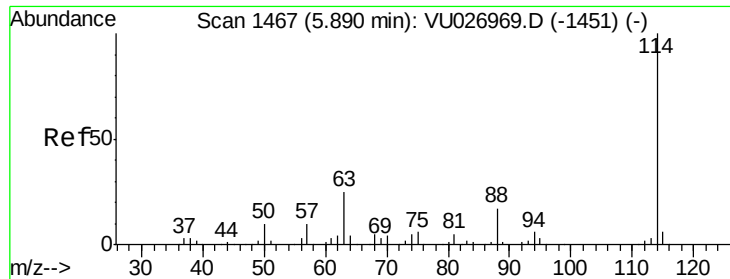
Tot Ion: 56 Resp: 2637
Ion Ratio Lower Upper
56 100
69 180.4 23.0 34.4#
84 117.6 61.4 92.2#



#33
1,2-Dichloroethane-d4
Concen: 52.333 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

Tgt Ion: 65 Resp: 103630
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6

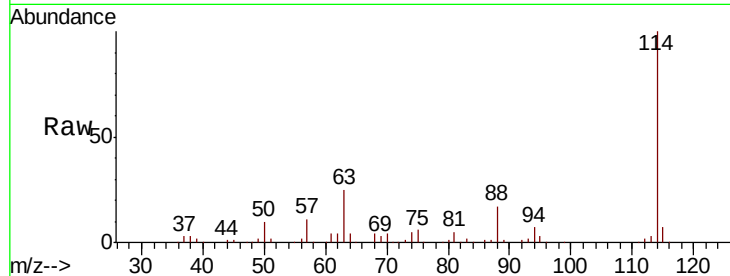




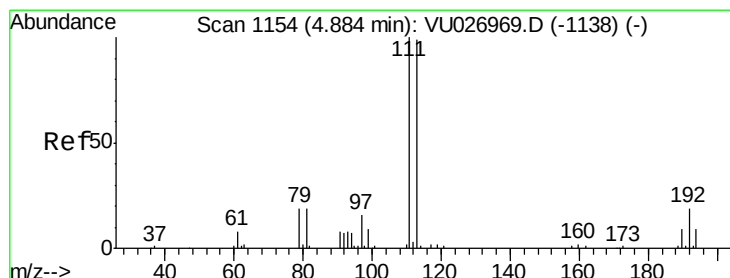
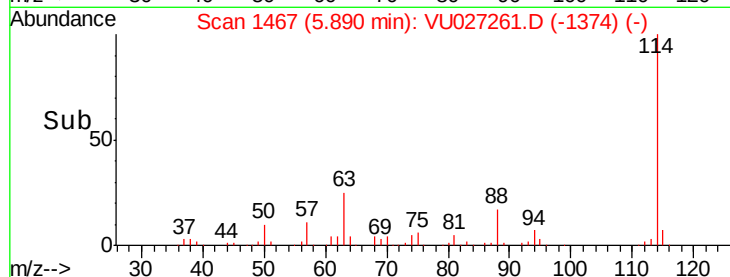
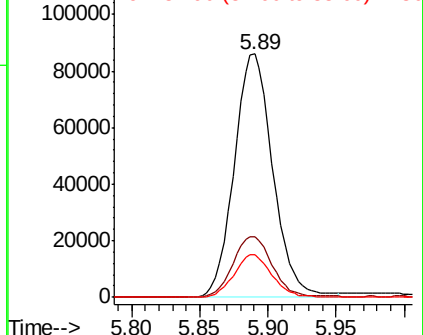
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027261.D
 Acq: 28 Sep 2018 11:12

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-CSS-TB1

Tot Ion:114 Resp: 169330
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.4 0.0 33.8

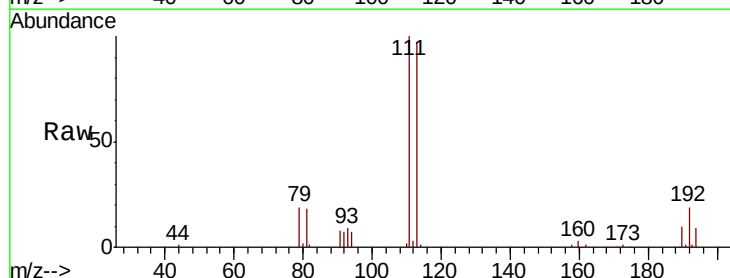


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

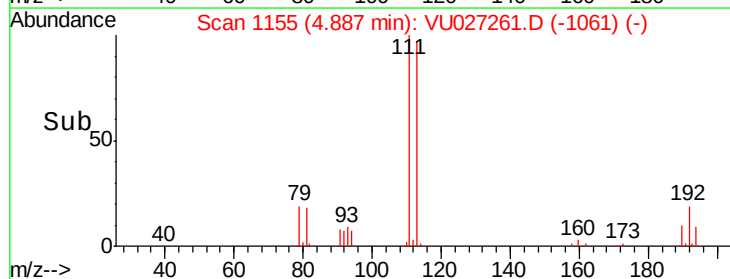
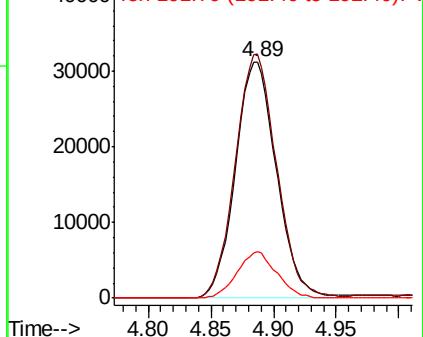


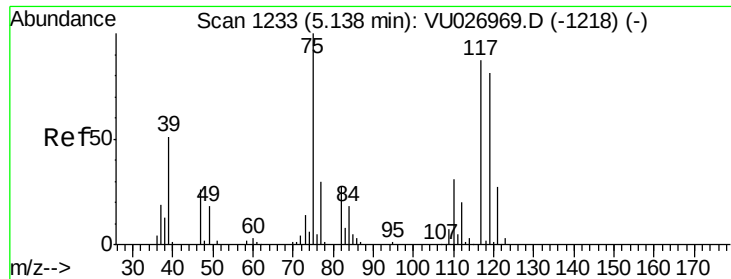
#35
 Dibromofluoromethane
 Concen: 48.507 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027261.D
 Acq: 28 Sep 2018 11:12

Tgt Ion:113 Resp: 71197
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.4
 192 18.9 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: 4.223 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027261.D

Acq: 28 Sep 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

FA18-CSS-TB1

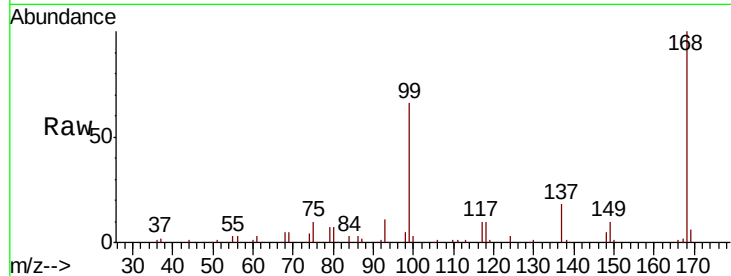
Tot Ion: 75 Resp: 9544

Ion Ratio Lower Upper

75 100

110 5.8 16.1 48.2#

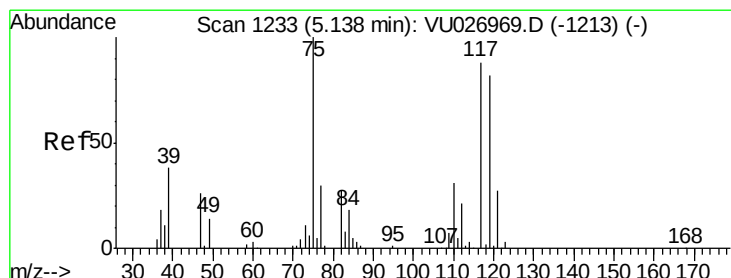
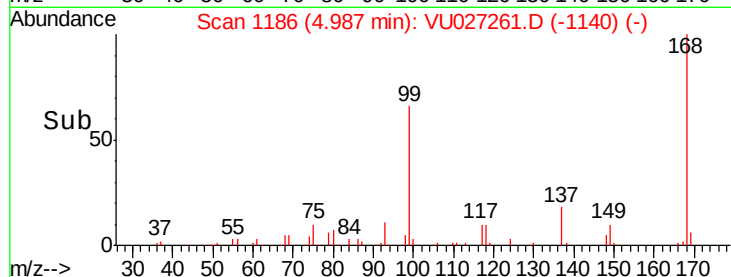
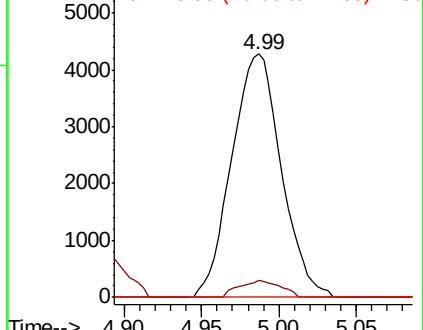
77 0.0 24.6 36.8#



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: 4.774 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027261.D

Acq: 28 Sep 2018 11:12

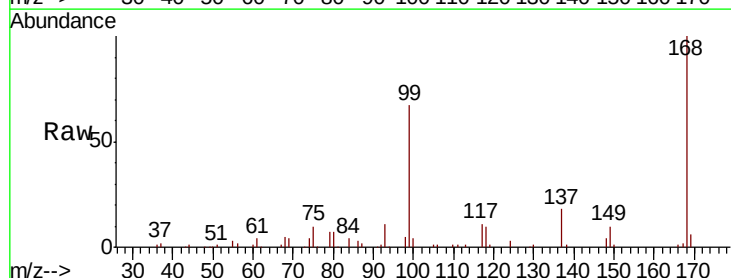
Tgt Ion: 117 Resp: 10268

Ion Ratio Lower Upper

117 100

119 5.3 74.4 111.6#

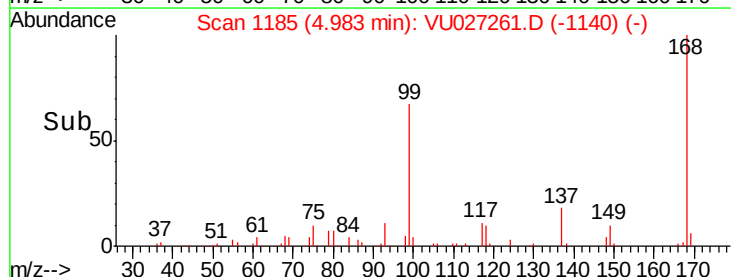
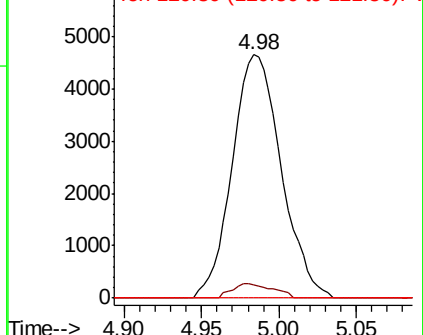
121 0.0 24.2 36.4#

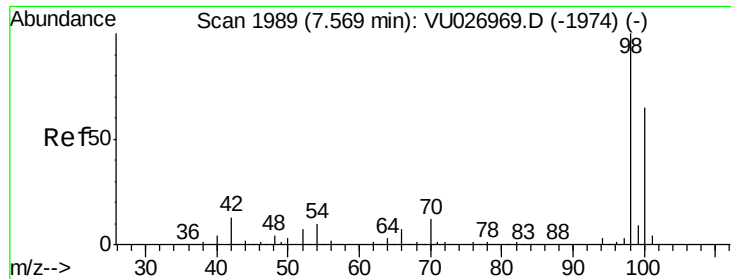


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

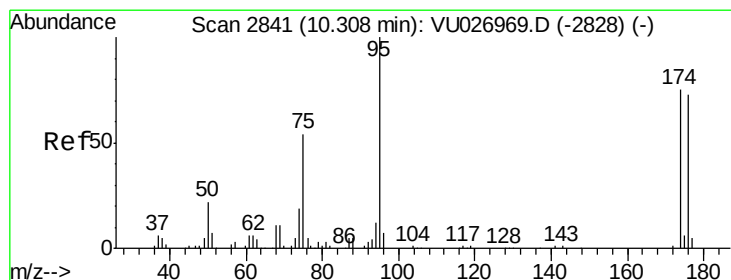
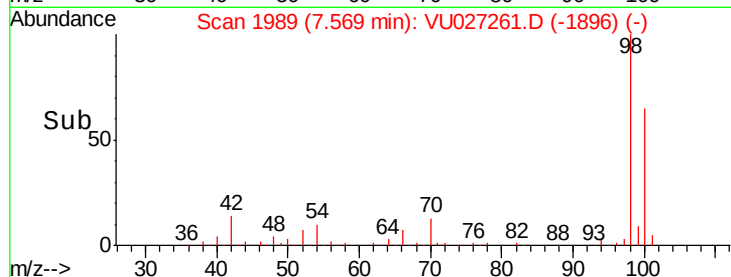
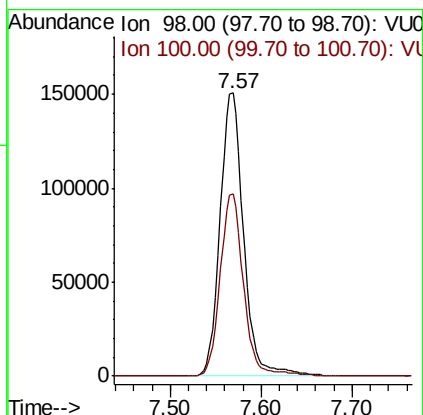
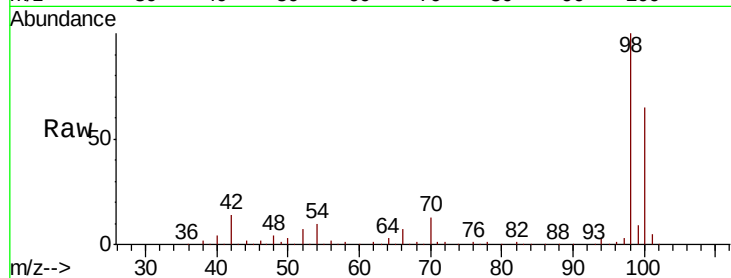




#50
Toluene-d8
Concen: 48.499 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

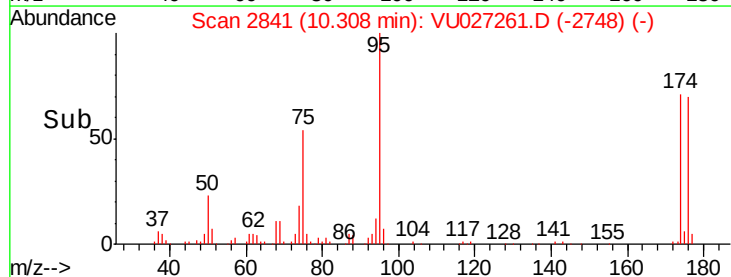
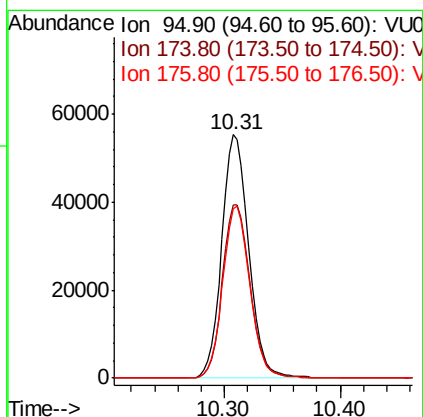
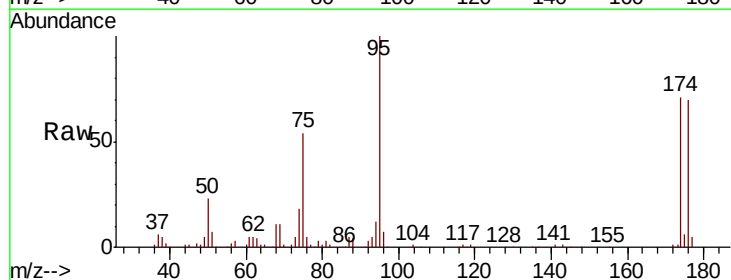
Instrument :
MSVOA_U
ClientSampleId :
FA18-CSS-TB1

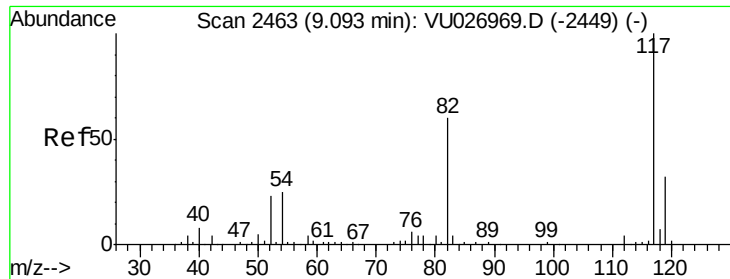
Tot Ion: 98 Resp: 271285
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.407 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

Tgt Ion: 95 Resp: 89072
Ion Ratio Lower Upper
95 100
174 73.2 0.0 150.2
176 70.9 0.0 145.2

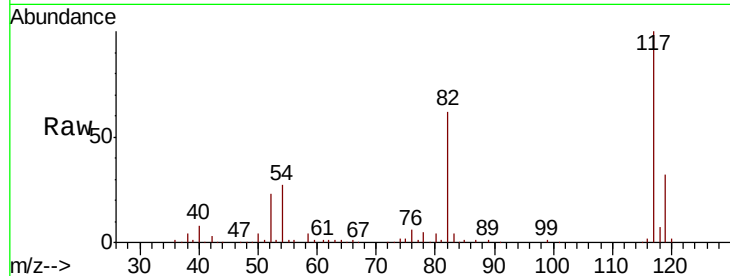




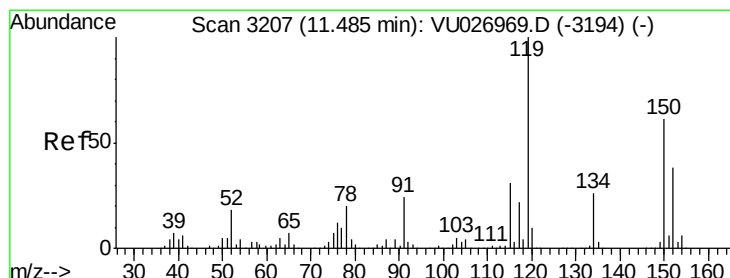
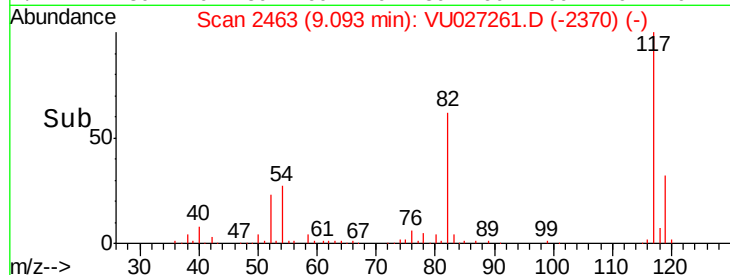
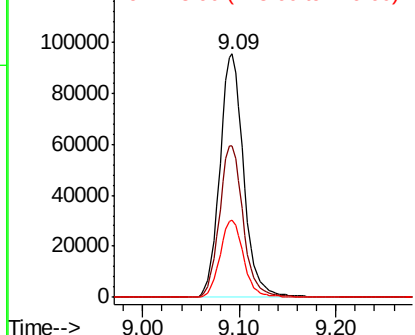
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

Instrument :
MSVOA_U
ClientSampleId :
FA18-CSS-TB1

Tot Ion:117 Resp: 162493
Ion Ratio Lower Upper
117 100
82 62.2 48.0 72.0
119 31.5 25.8 38.8

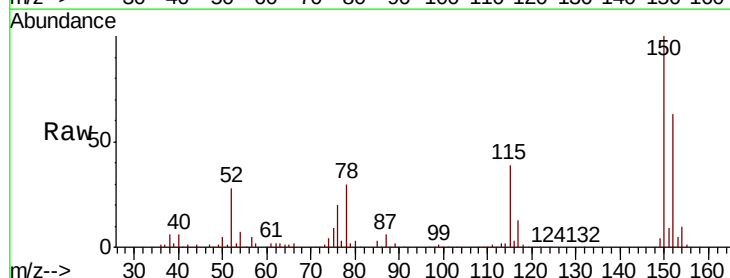


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

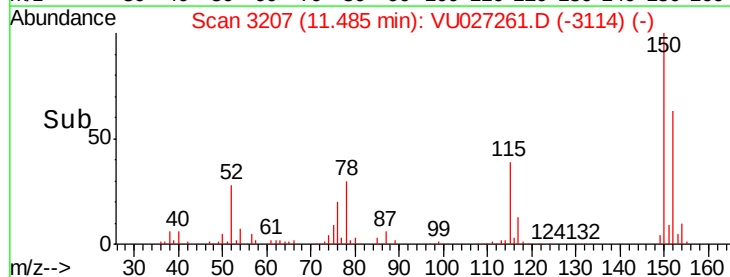
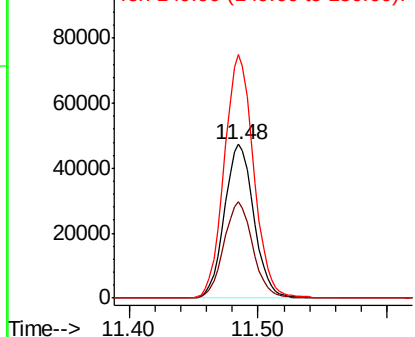


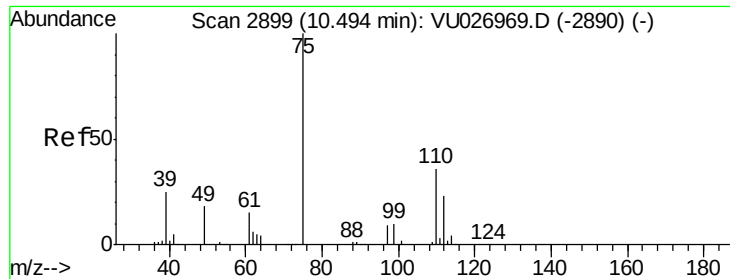
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

Tgt Ion:152 Resp: 74838
Ion Ratio Lower Upper
152 100
115 61.8 44.9 134.5
150 158.5 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: 20.973 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027261.D

Acq: 28 Sep 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

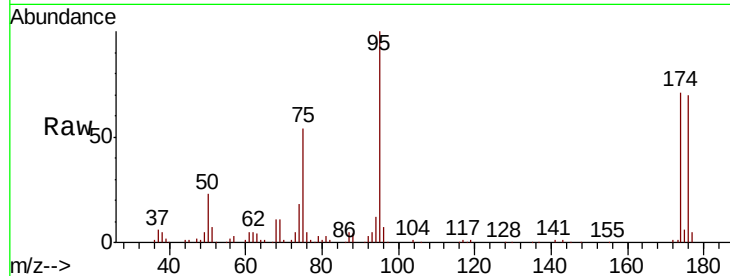
FA18-CSS-TB1

Tot Ion: 75 Resp: 47684

Ion Ratio Lower Upper

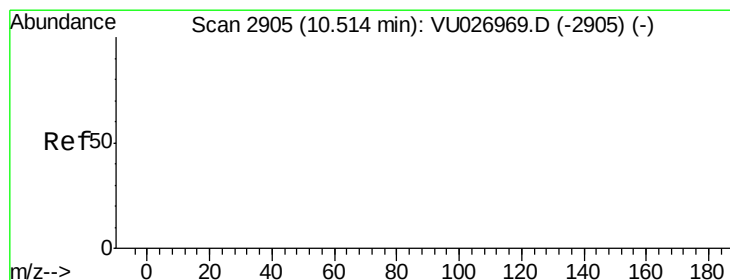
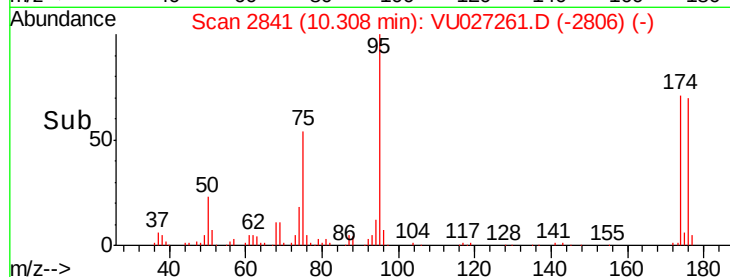
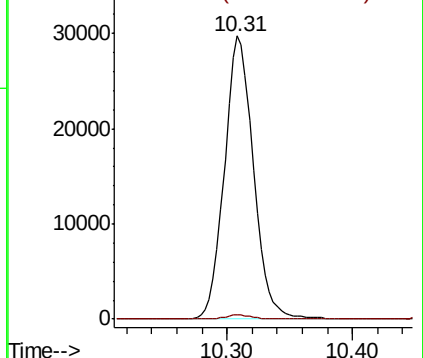
75 100

77 1.2 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: 67.118 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027261.D

Acq: 28 Sep 2018 11:12

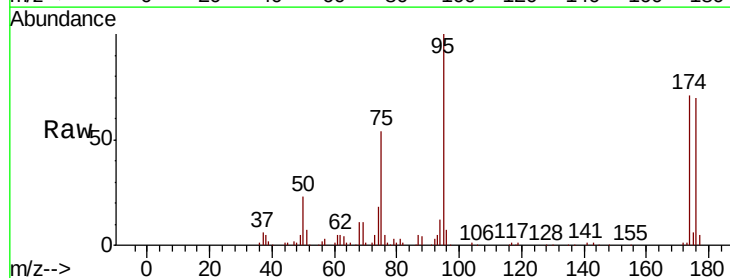
Tgt Ion: 75 Resp: 47684

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

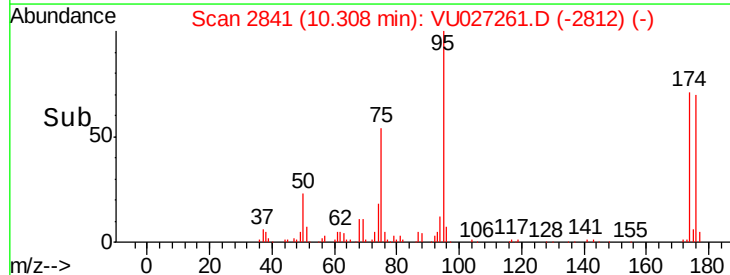
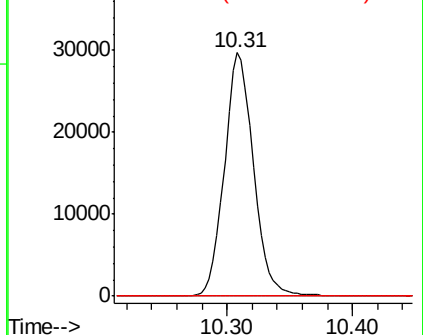
89 0.0 0.0 0.0

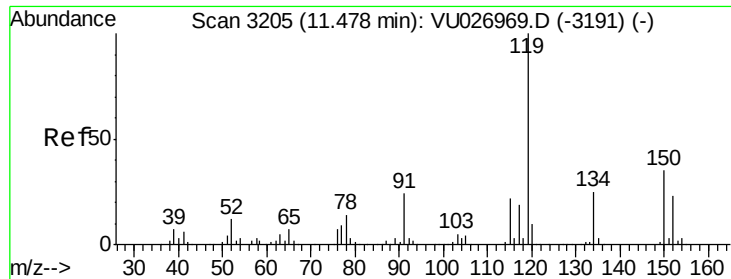


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

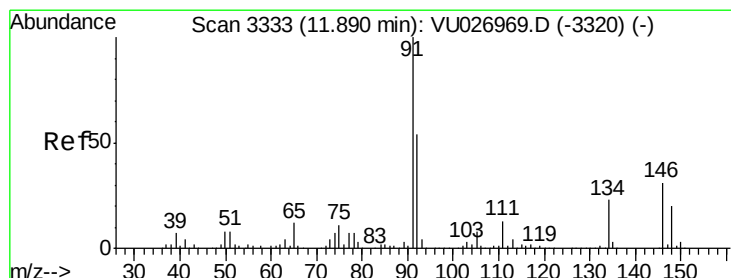
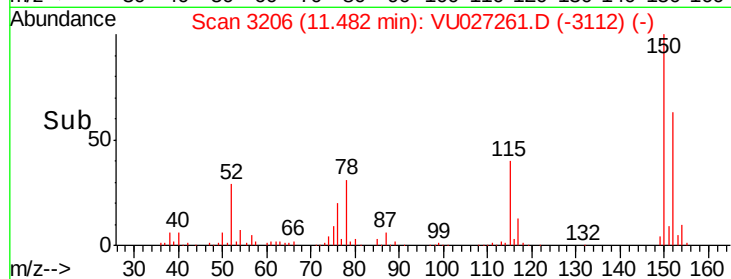
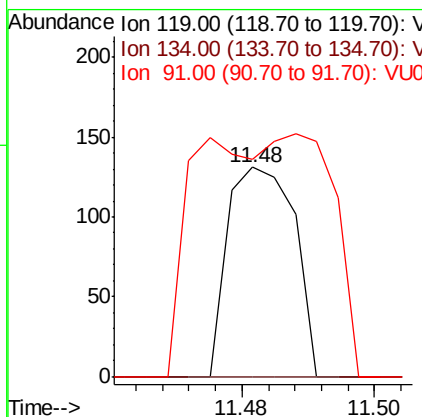
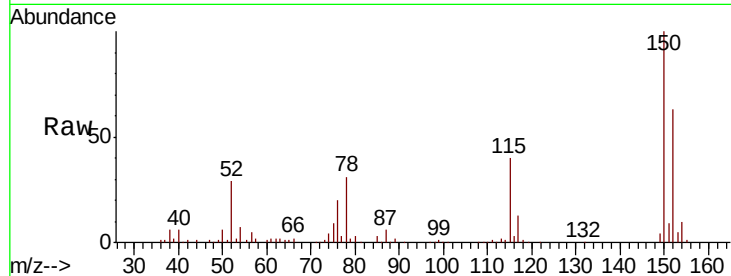




#86
p-Isopropyltoluene
Concen: 0.944 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

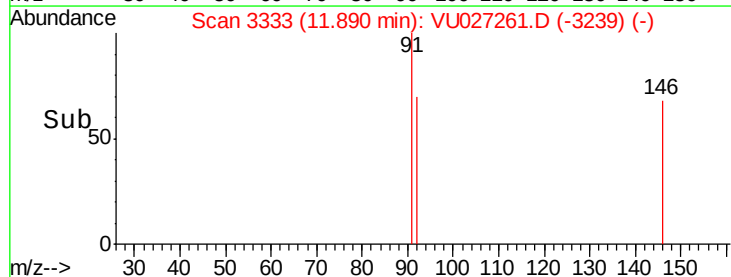
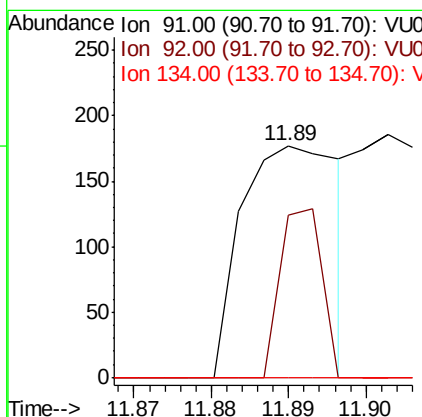
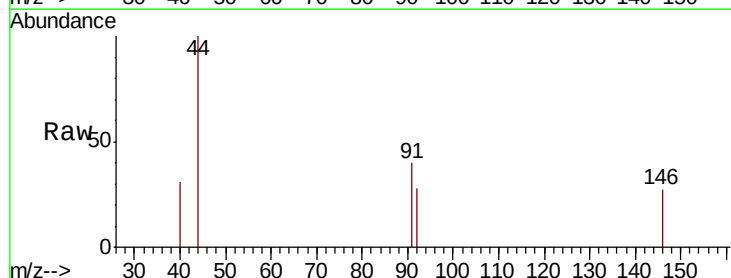
Instrument :
MSVOA_U
ClientSampleId :
FA18-CSS-TB1

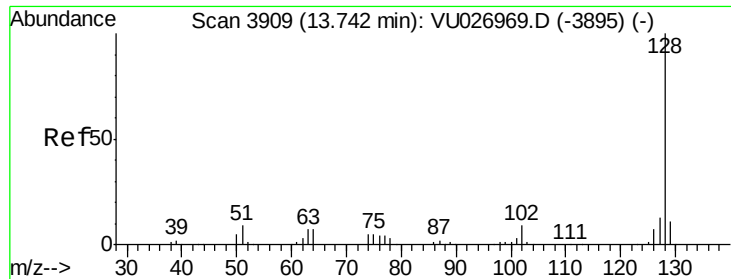
Tot Ion:119 Resp: 92
Ion Ratio Lower Upper
119 100
134 0.0 12.8 38.3#
91 117.4 12.3 36.8#



#89
n-Butylbenzene
Concen: 2.421 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027261.D
Acq: 28 Sep 2018 11:12

Tgt Ion: 91 Resp: 156
Ion Ratio Lower Upper
91 100
92 31.4 27.1 81.2
134 0.0 11.7 35.0#





#95

Naphthalene

Concen: 1.721 ug/l

RT: 13.77 min Scan# 3917

Delta R.T. 0.03 min

Lab File: VU027261.D

Acq: 28 Sep 2018 11:12

Instrument :

MSVOA_U

ClientSampleId :

FA18-CSS-TB1

Tot Ion:128 Resp: 205

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#

