

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026903.D
 Acq On : 19 Sep 2018 17:42
 Operator : MD/SY
 Sample : J4913-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW30212-20180912

Quant Time: Sep 20 05:34:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	82384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	139579	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72543	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69372	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	4.88	113	61891	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	7.57	98	205974	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	10.31	95	68035	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	

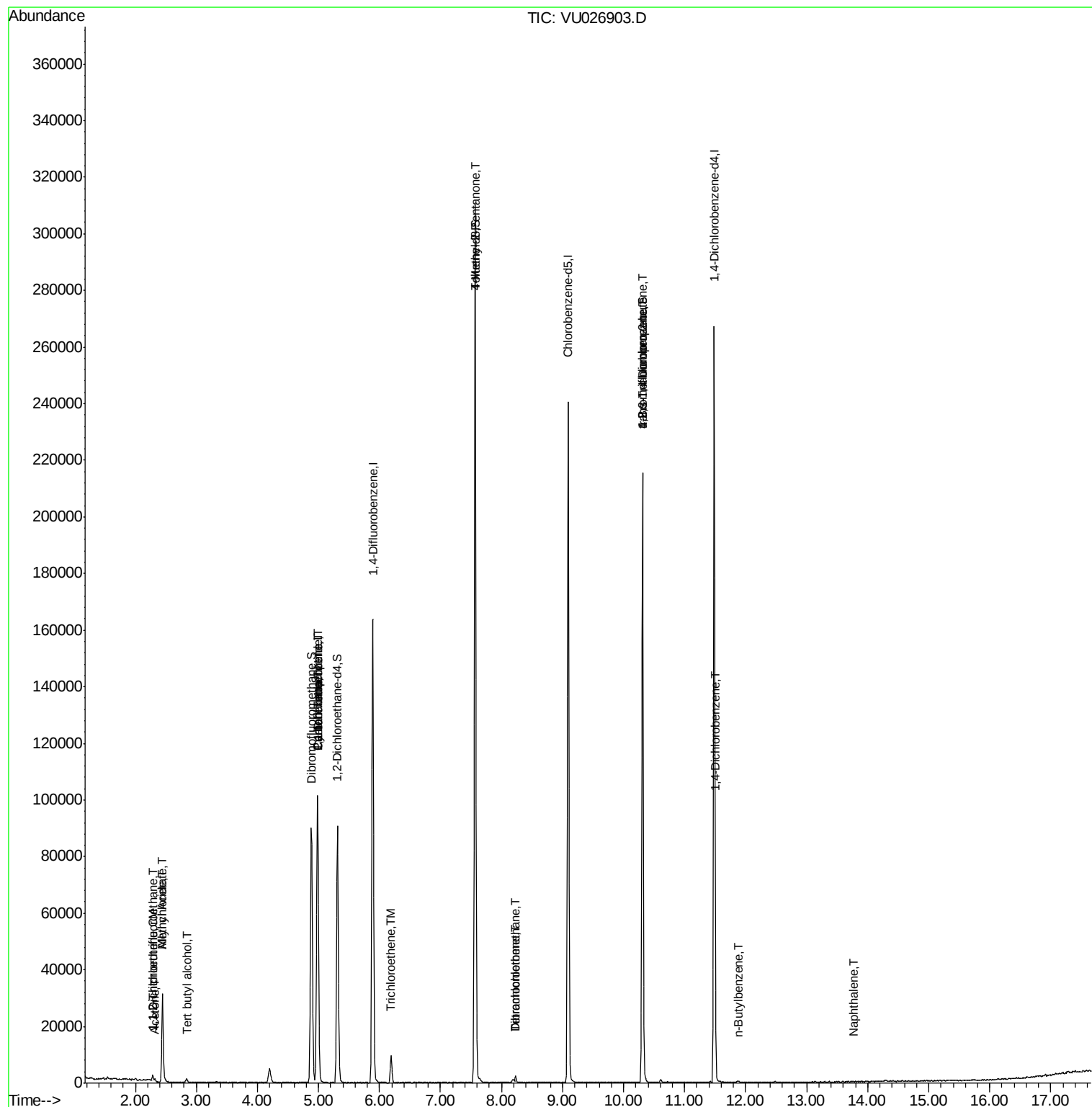
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.29	101	600	0.600	ug/l #	93
11) Tert butyl alcohol	2.84	59	817	2.682	ug/l #	73
12) 1,1-Dichloroethene	2.29	96	257	0.272	ug/l #	80
14) Allyl chloride	2.44	41	3227	1.894	ug/l #	79
16) Acetone	2.32	43	1284	1.815	ug/l	92
18) Methyl Acetate	2.44	43	7924	5.190	ug/l #	54
31) Cyclohexane	4.98	56	1490	0.634	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	5521	3.523	ug/l #	49
38) Carbon Tetrachloride	4.98	117	7318	4.420	ug/l #	16
44) Trichloroethene	6.19	130	3896	3.235	ug/l	99
51) 4-Methyl-2-Pentanone	7.57	43	744	0.388	ug/l #	1
60) Dibromochloromethane	8.23	129	475	0.353	ug/l #	11
64) Tetrachloroethene	8.23	164	465	0.424	ug/l	93
76) 1,2,3-Trichloropropane	10.31	75	33584	20.667	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	33584	63.681	ug/l #	100
88) 1,4-Dichlorobenzene	11.51	146	565	0.217	ug/l #	42
89) n-Butylbenzene	11.90	91	79	2.126	ug/l #	34
95) Naphthalene	13.76	128	19	1.019	ug/l #	69

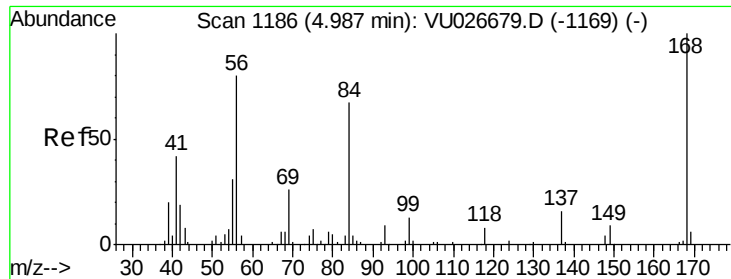
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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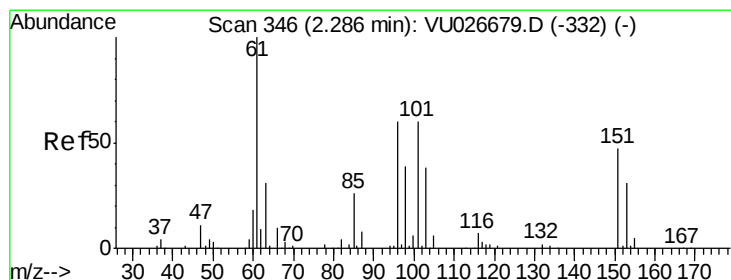
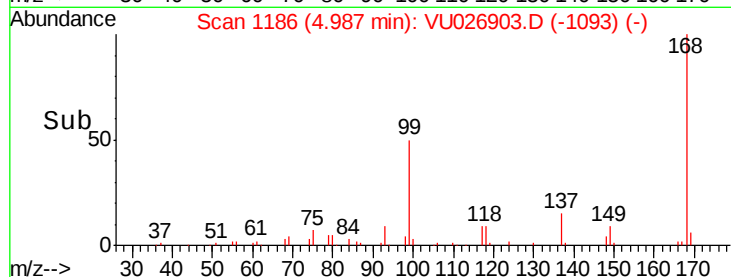
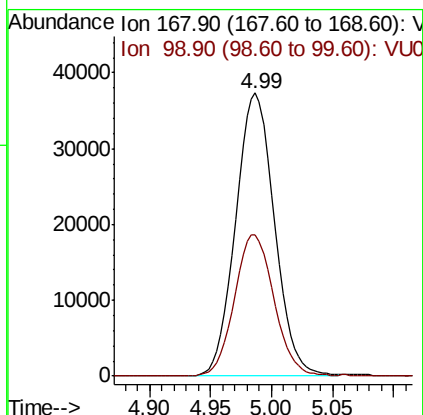
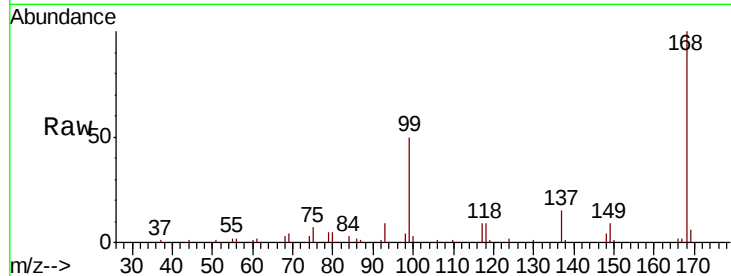




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

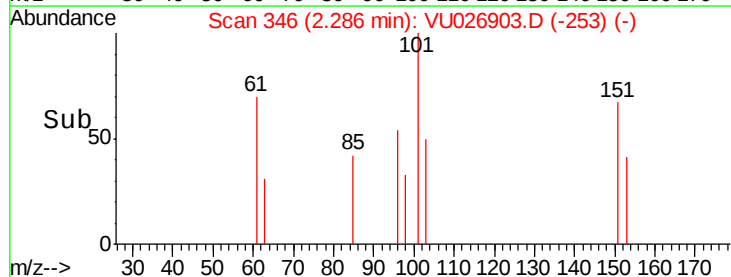
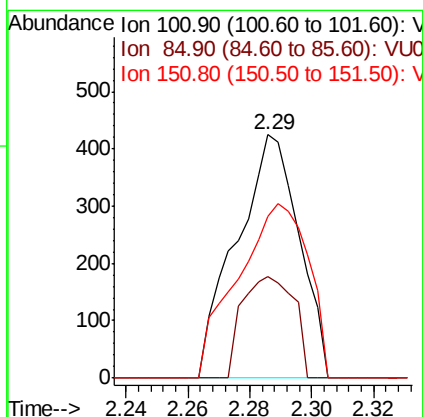
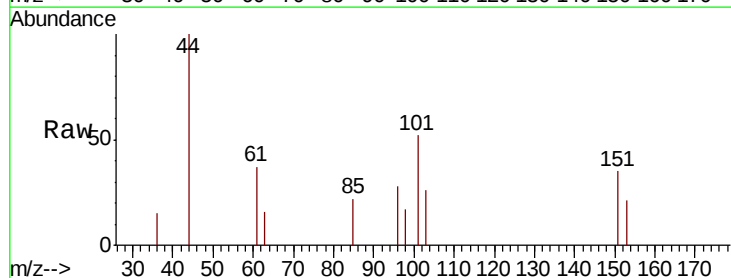
Instrument :
MSVOA_U
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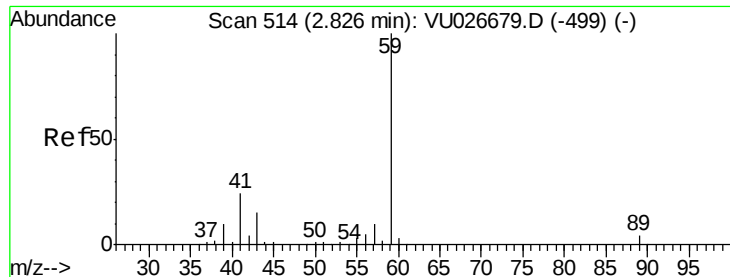
Tgt Ion:168 Resp: 82384
Ion Ratio Lower Upper
168 100
99 49.7 42.0 63.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.600 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

Tgt Ion:101 Resp: 600
Ion Ratio Lower Upper
101 100
85 34.3 34.6 52.0#
151 80.7 62.7 94.1

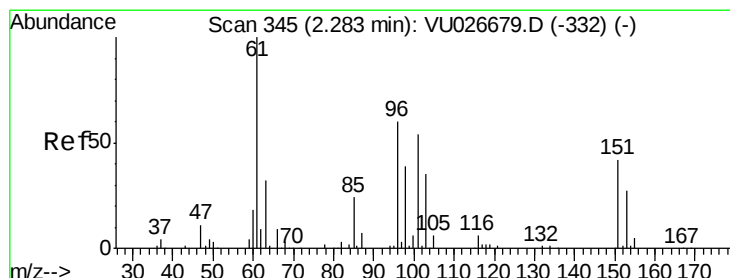
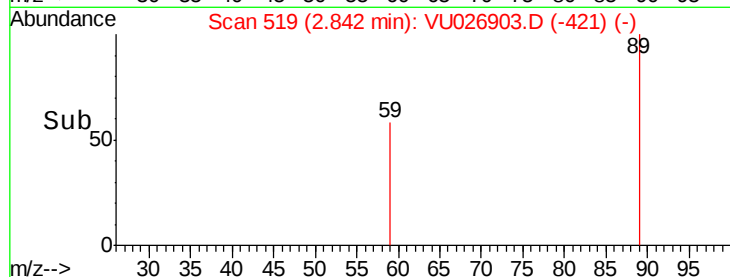
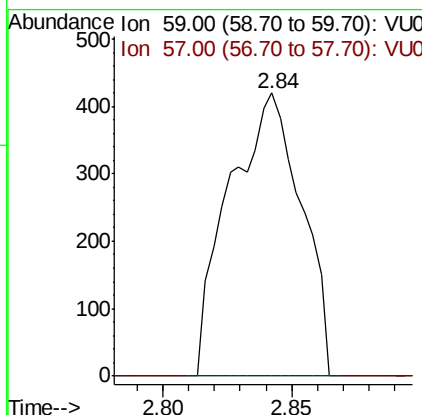
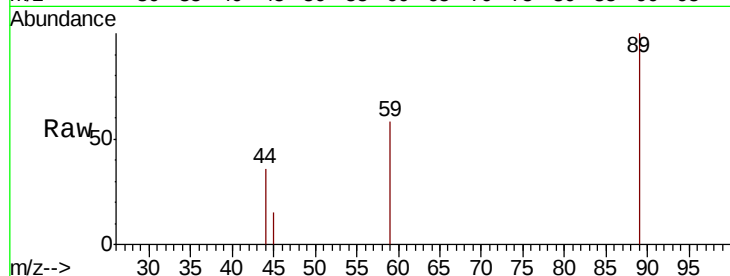




#11
Tert butyl alcohol
Concen: 2.682 ug/l
RT: 2.84 min Scan# 519
Delta R.T. 0.02 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

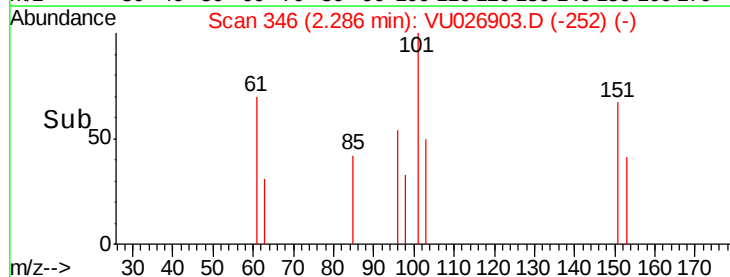
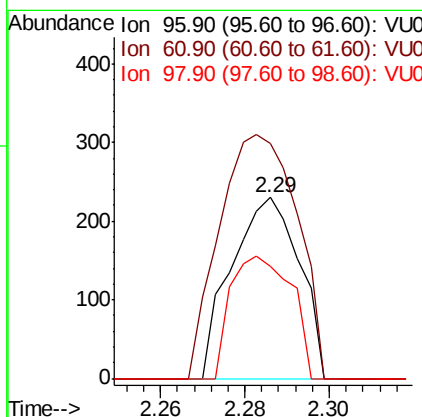
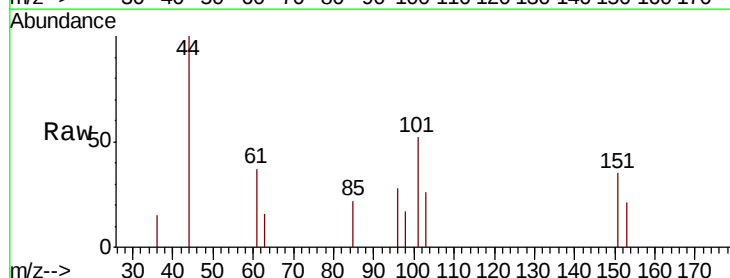
Instrument :
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ClientSampleId :
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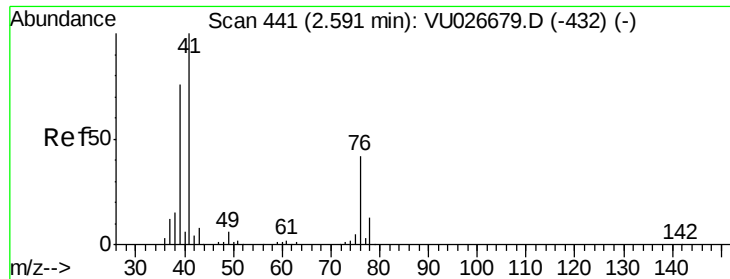
Tgt Ion: 59 Resp: 817
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.272 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

Tgt Ion: 96 Resp: 257
Ion Ratio Lower Upper
96 100
61 130.0 133.0 199.6#
98 61.7 51.3 76.9

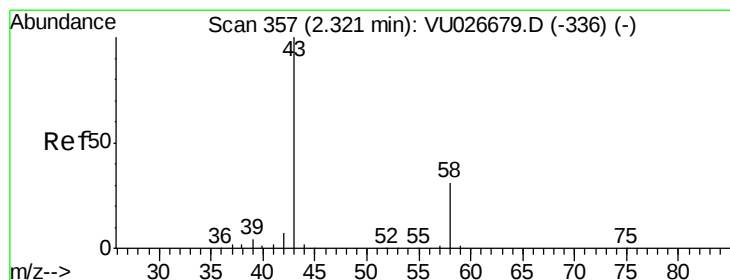
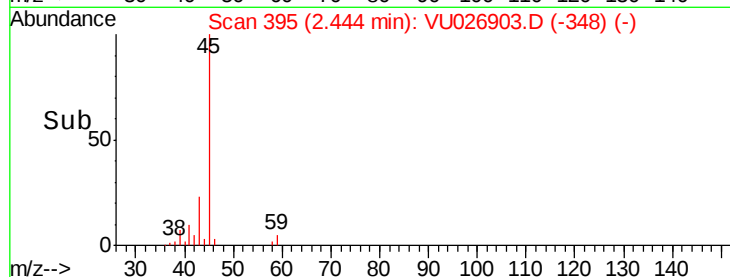
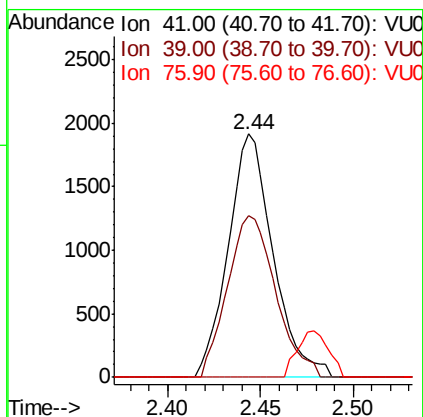
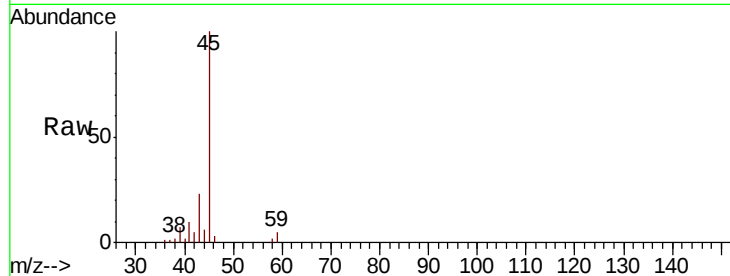




#14
 Allyl chloride
 Concen: 1.894 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

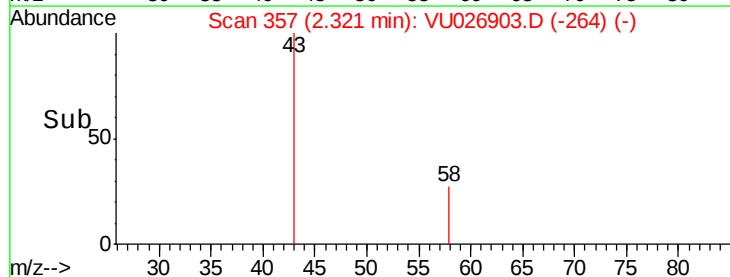
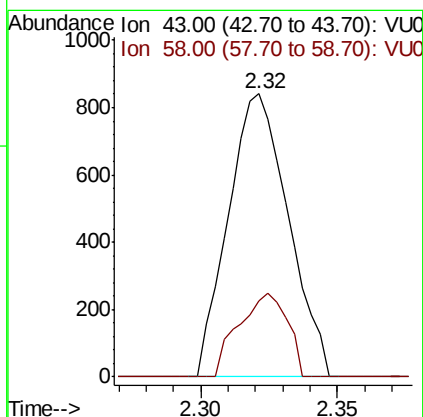
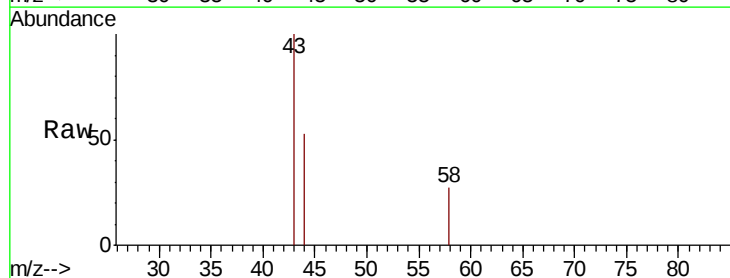
Instrument :
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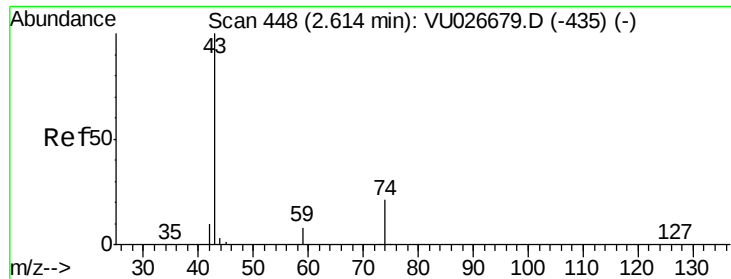
Tgt Ion: 41 Resp: 3227
 Ion Ratio Lower Upper
 41 100
 39 71.2 56.9 85.3
 76 0.0 29.7 44.5#



#16
 Acetone
 Concen: 1.815 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

Tgt Ion: 43 Resp: 1284
 Ion Ratio Lower Upper
 43 100
 58 27.0 25.1 37.7

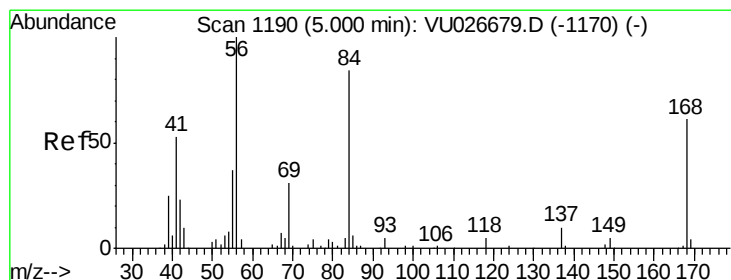
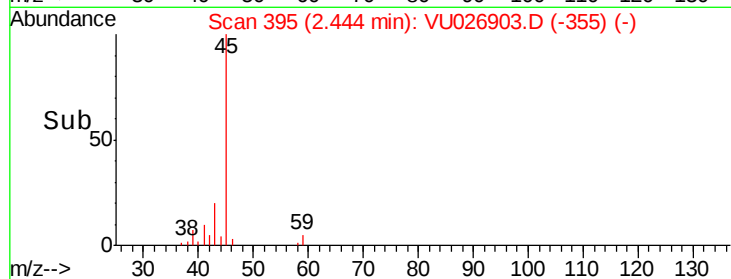
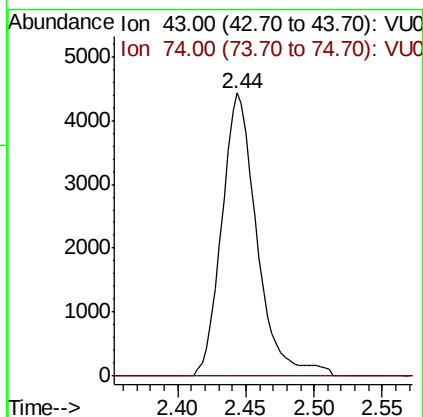
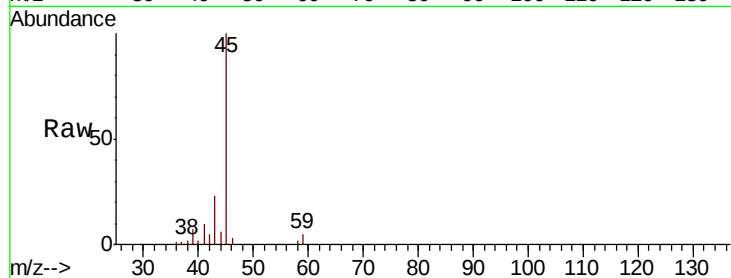




#18
Methyl Acetate
Concen: 5.190 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

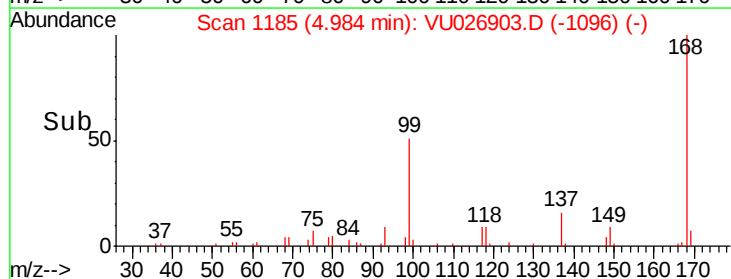
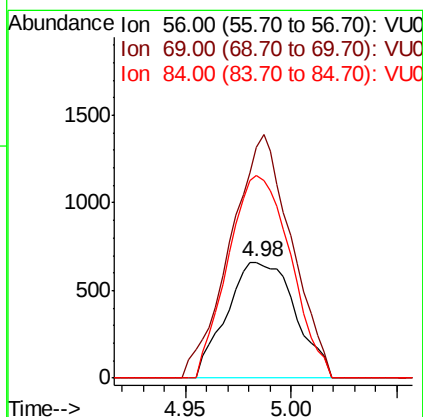
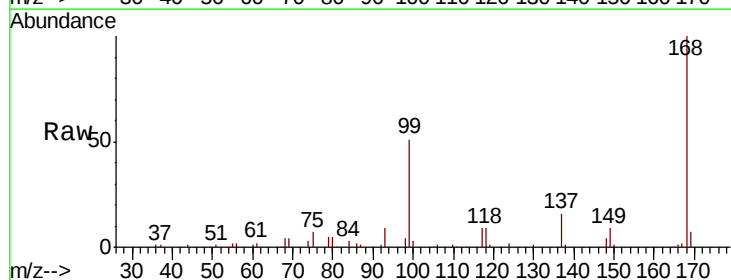
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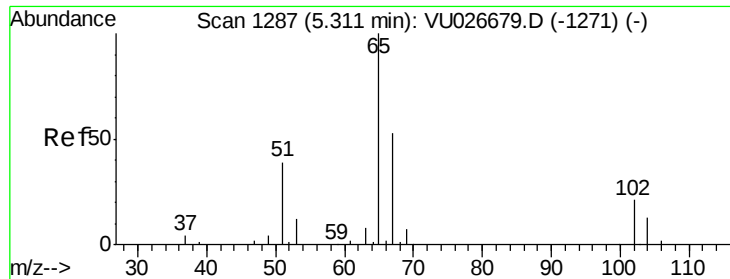
Tgt Ion: 43 Resp: 7924
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 0.634 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

Tgt Ion: 56 Resp: 1490
Ion Ratio Lower Upper
56 100
69 199.7 24.9 37.3#
84 175.5 66.6 100.0#

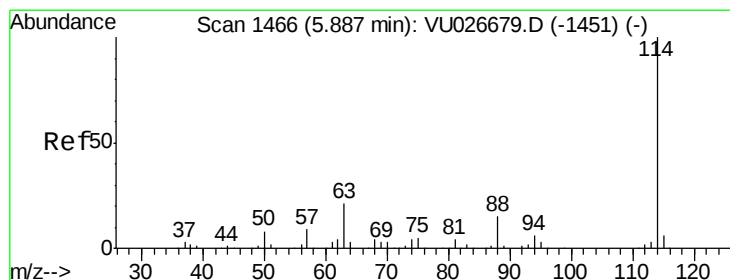
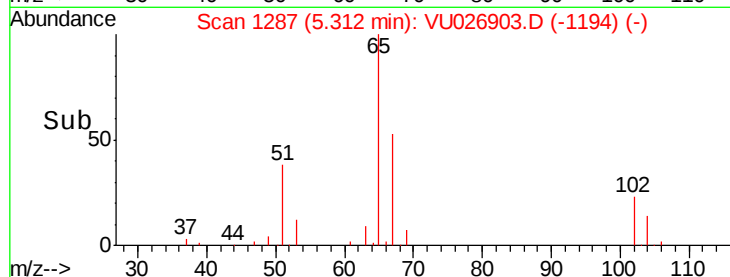
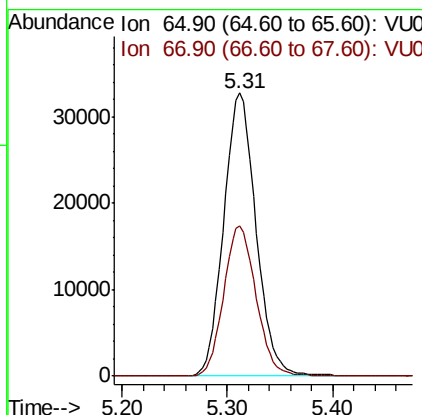
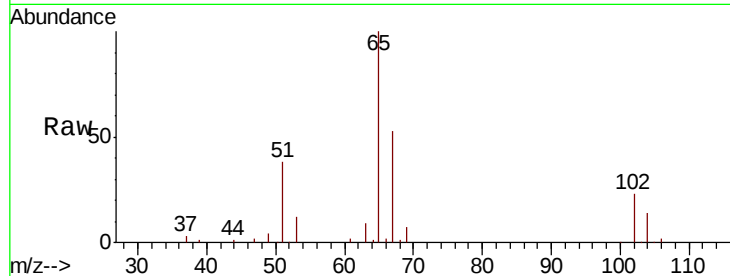




#33
 1,2-Dichloroethane-d4
 Concen: 55.510 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

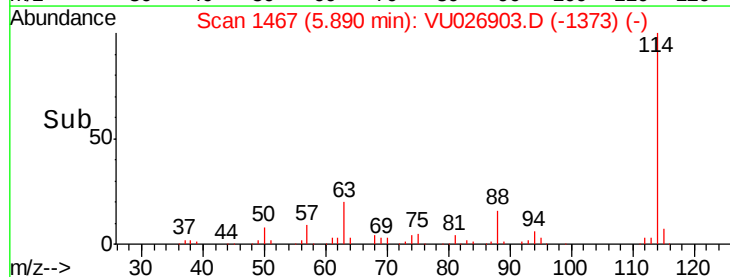
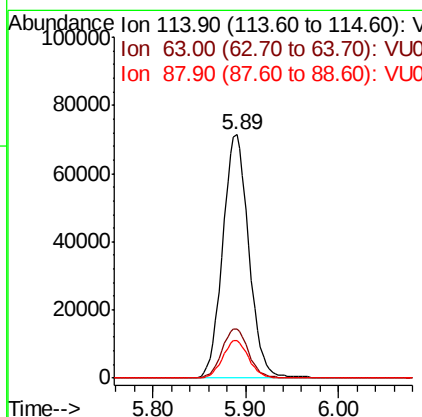
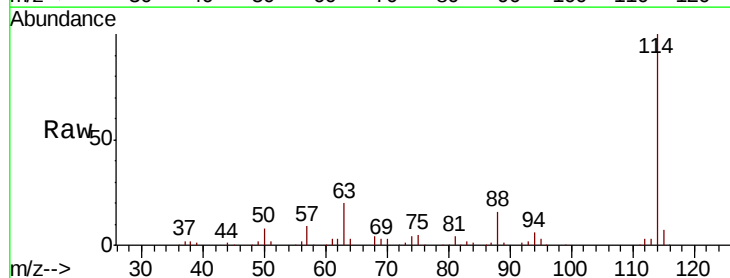
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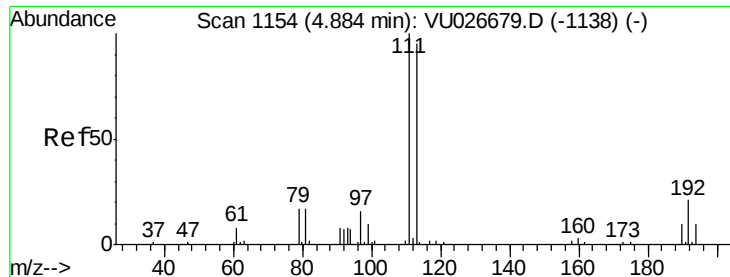
Tgt Ion: 65 Resp: 69372
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

Tgt Ion: 114 Resp: 139579
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.6 0.0 30.8

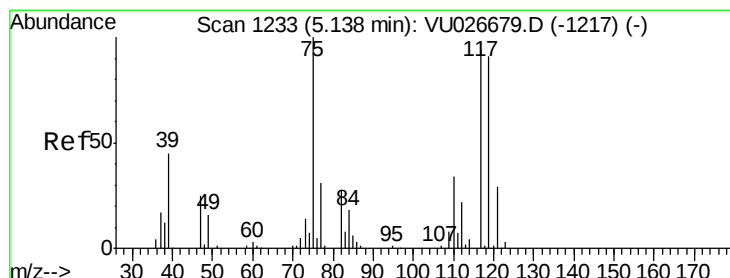
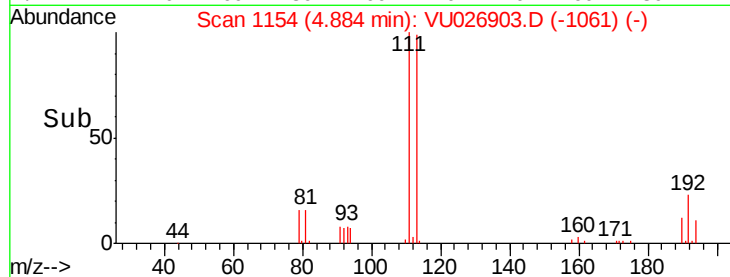
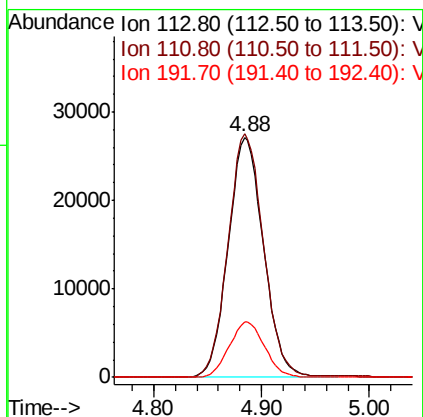
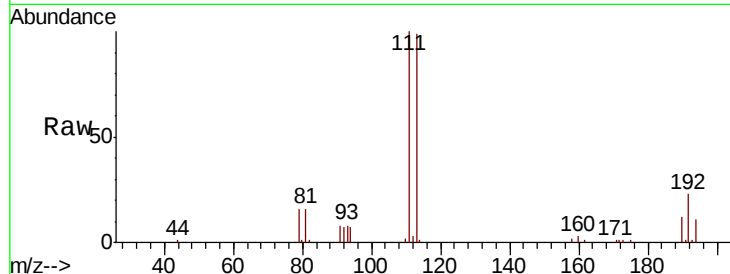




#35
 Dibromofluoromethane
 Concen: 54.360 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

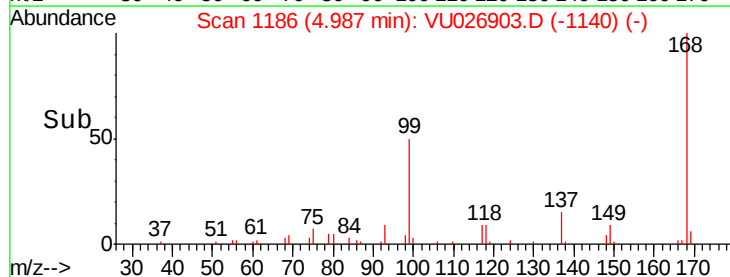
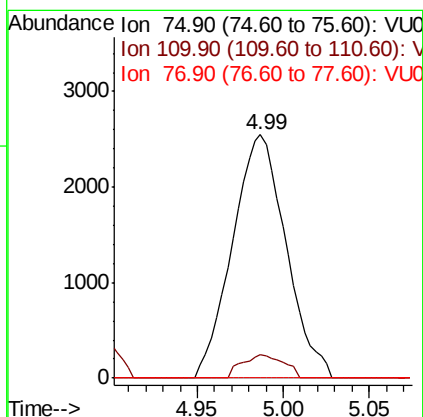
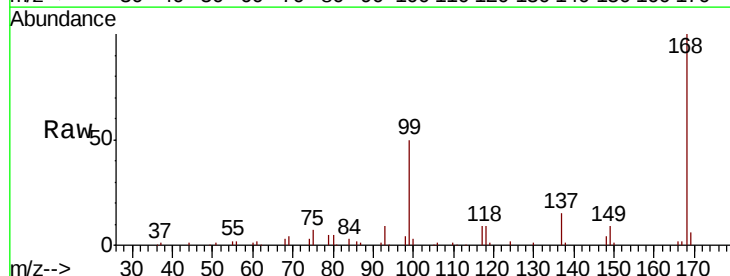
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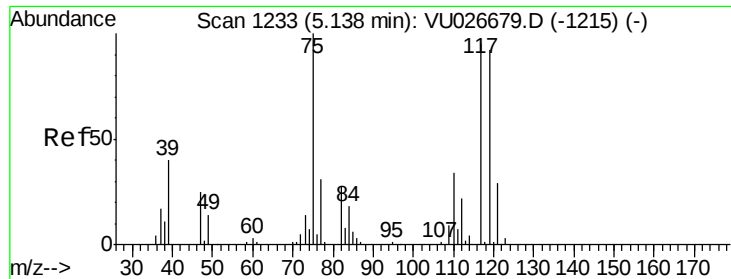
Tgt Ion:113 Resp: 61891
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.1 124.7
 192 23.2 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 3.523 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

Tgt Ion: 75 Resp: 5521
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.3 51.9#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.420 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU026903.D

Acq: 19 Sep 2018 17:42

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW30212-20180912

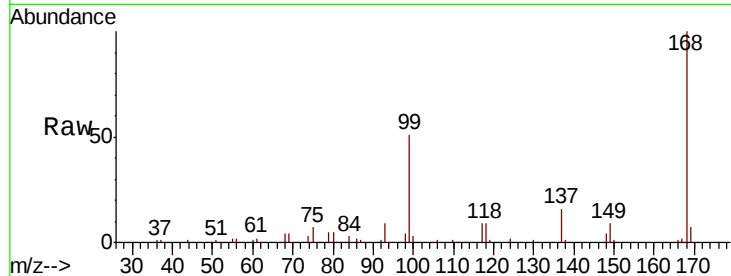
Tgt Ion:117 Resp: 7318

Ion Ratio Lower Upper

117 100

119 6.3 77.8 116.8#

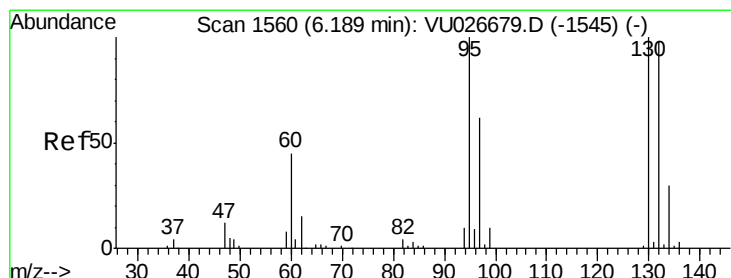
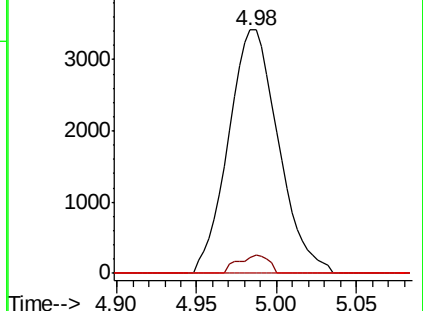
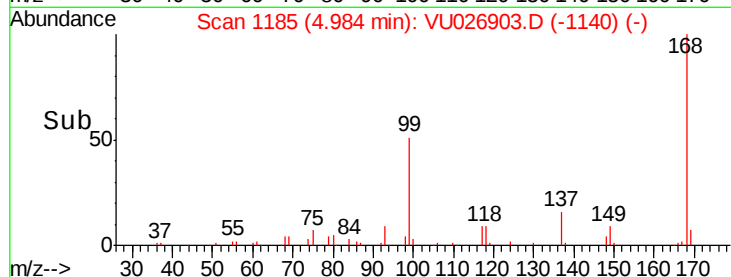
121 0.0 25.0 37.4#



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



#44

Trichloroethene

Concen: 3.235 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026903.D

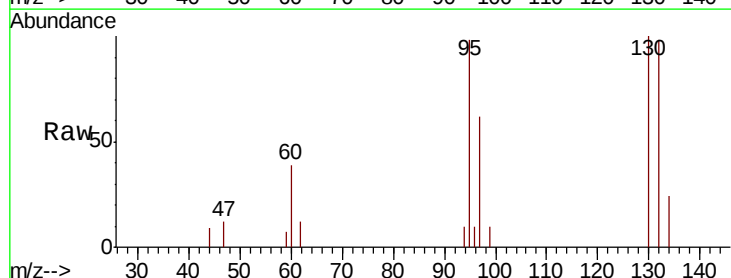
Acq: 19 Sep 2018 17:42

Tgt Ion:130 Resp: 3896

Ion Ratio Lower Upper

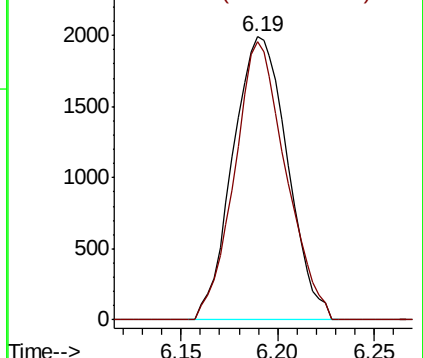
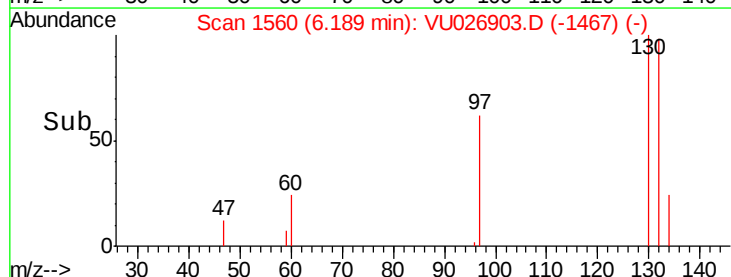
130 100

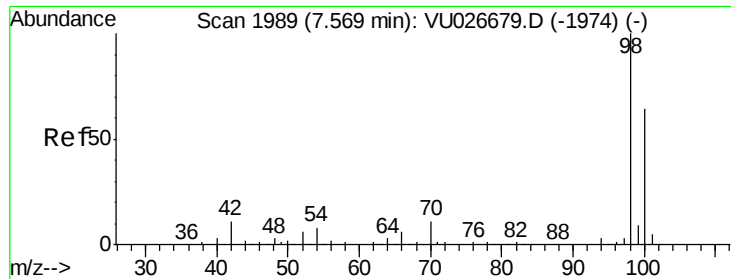
95 98.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 48.914 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026903.D

Acq: 19 Sep 2018 17:42

Instrument :

MSVOA_U

ClientSampleId :

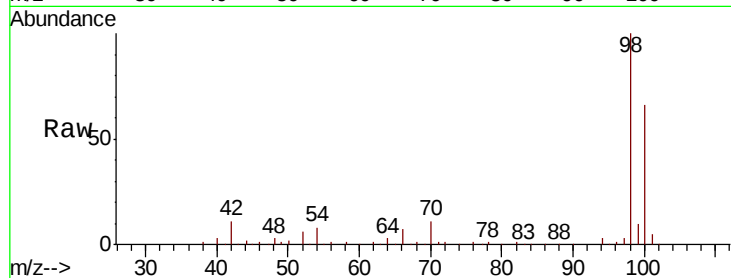
BPS1-TT-MW30212-20180912

Tgt Ion: 98 Resp: 205974

Ion Ratio Lower Upper

98 100

100 65.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU026679.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026679.D (-1974) (-)

7.57

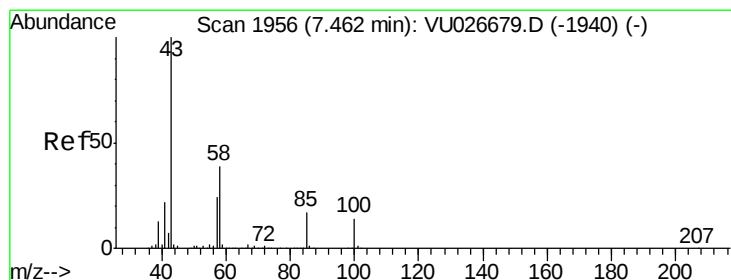
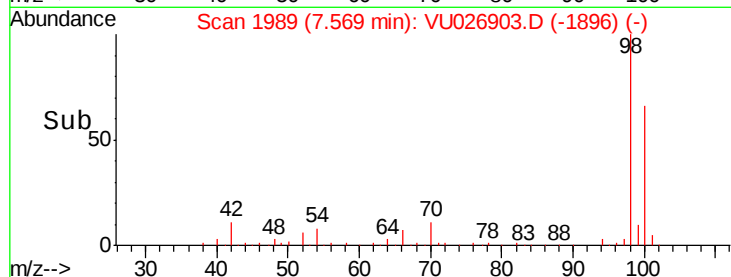
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.388 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU026903.D

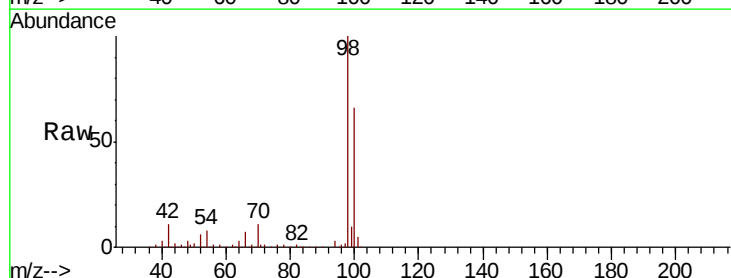
Acq: 19 Sep 2018 17:42

Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

58 223.7 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VU026679.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU026679.D (-1940) (-)

1000

800

600

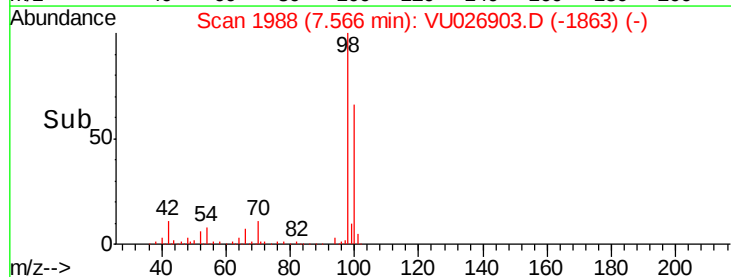
400

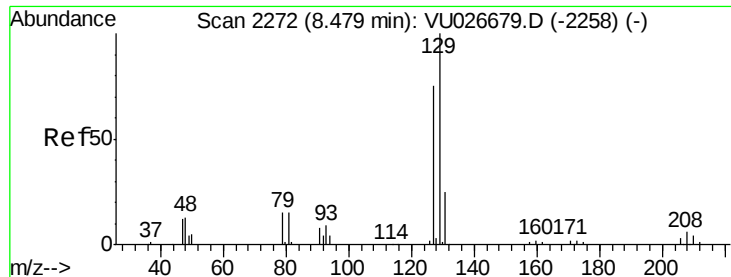
200

0

7.55 7.60

Time-->

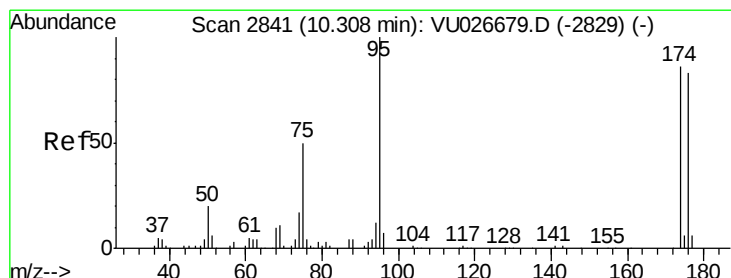
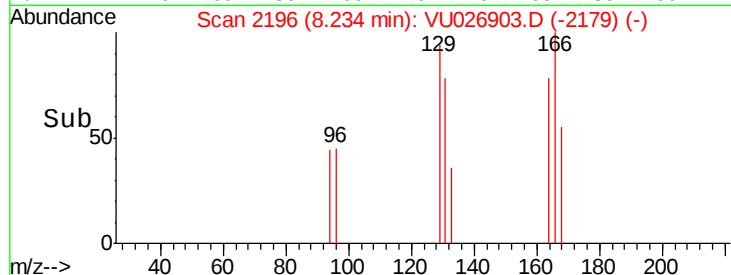
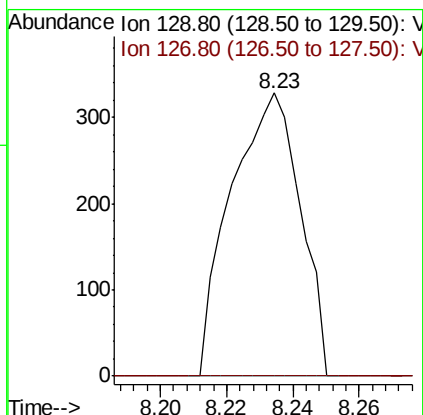
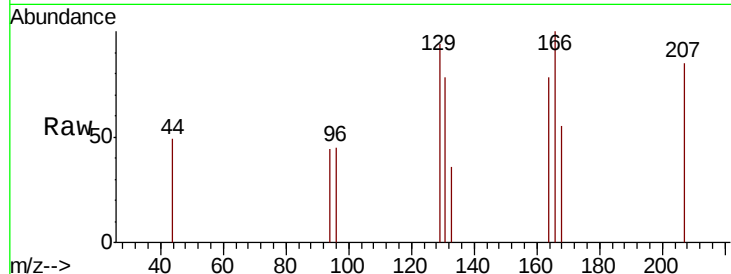




#60
 Dibromochloromethane
 Concen: 0.353 ug/l
 RT: 8.23 min Scan# 2196
 Delta R.T. -0.24 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

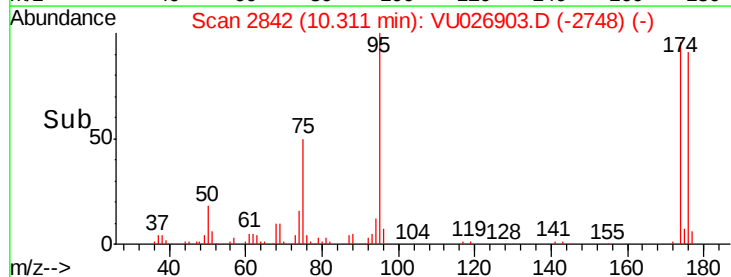
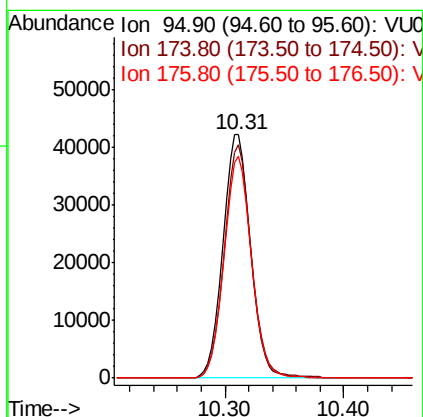
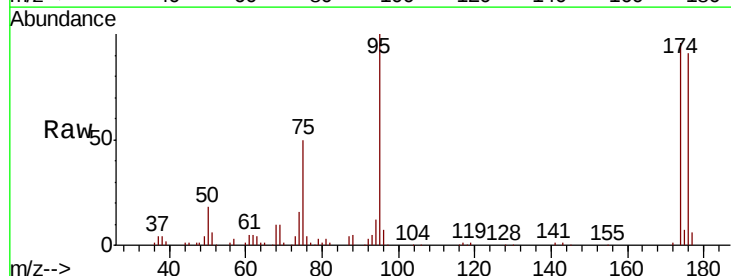
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW30212-20180912

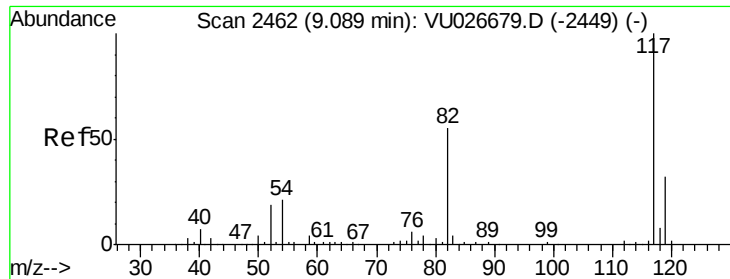
Tgt Ion: 129 Resp: 475
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.9#



#62
 4-Bromofluorobenzene
 Concen: 44.578 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

Tgt Ion: 95 Resp: 68035
 Ion Ratio Lower Upper
 95 100
 174 94.0 0.0 172.8
 176 90.0 0.0 168.6

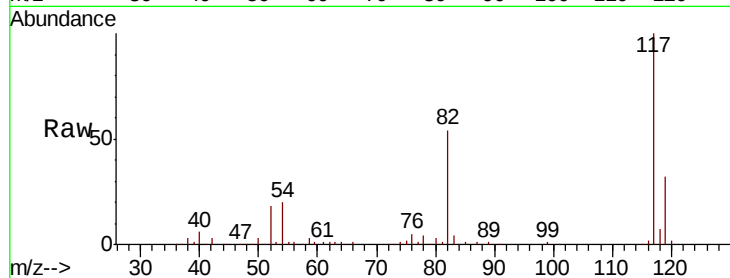




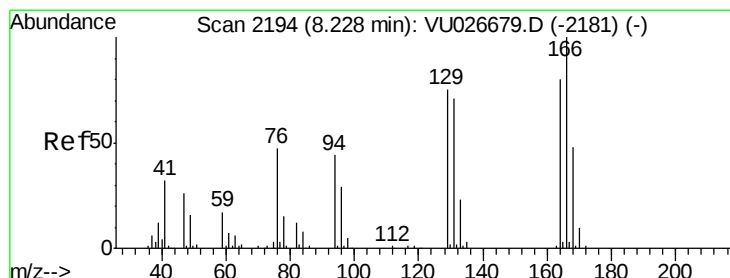
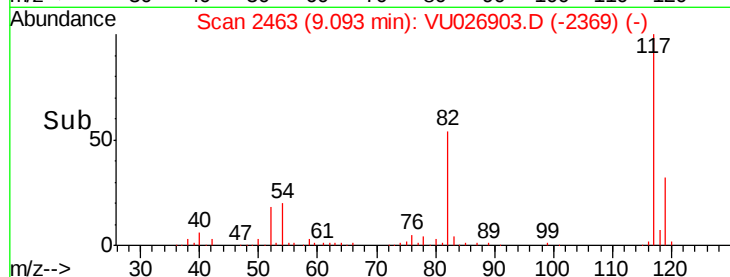
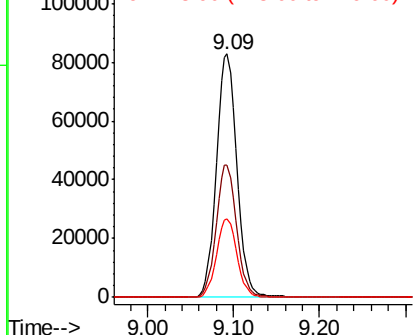
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW30212-20180912

Tgt Ion:117 Resp: 137896
Ion Ratio Lower Upper
117 100
82 54.1 44.1 66.1
119 32.3 25.7 38.5



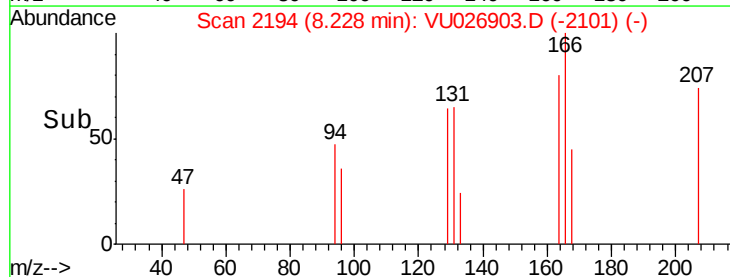
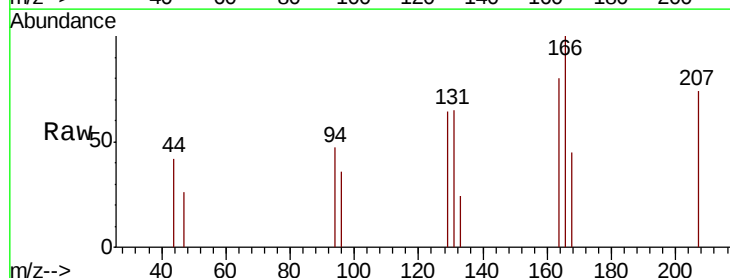
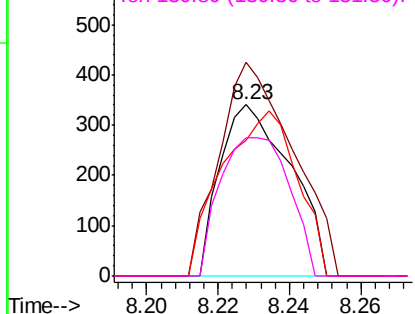
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

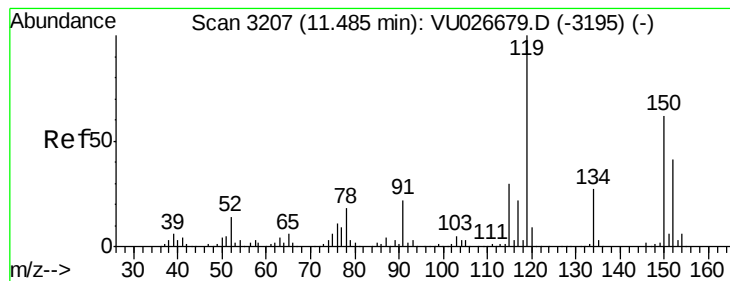


#64
Tetrachloroethene
Concen: 0.424 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026903.D
Acq: 19 Sep 2018 17:42

Tgt Ion:164 Resp: 465
Ion Ratio Lower Upper
164 100
166 125.0 100.5 150.7
129 79.7 75.3 112.9
131 80.9 71.4 107.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU026903.D

Acq: 19 Sep 2018 17:42

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW30212-20180912

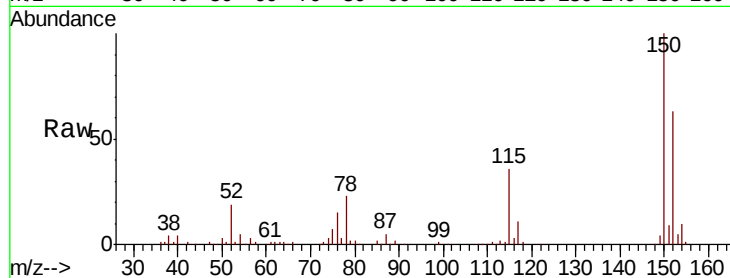
Tgt Ion: 152 Resp: 72543

Ion Ratio Lower Upper

152 100

115 55.4 40.4 121.1

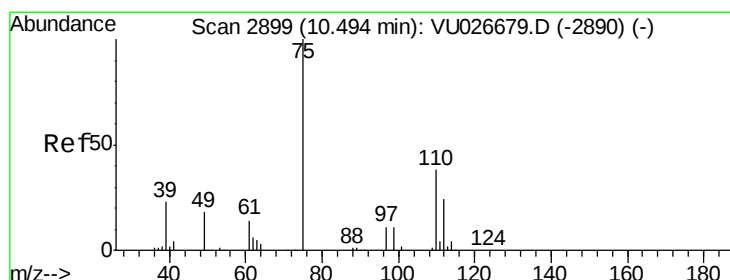
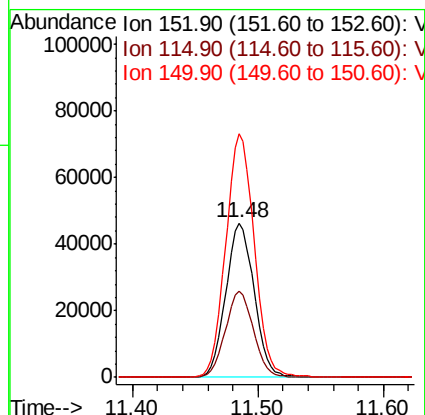
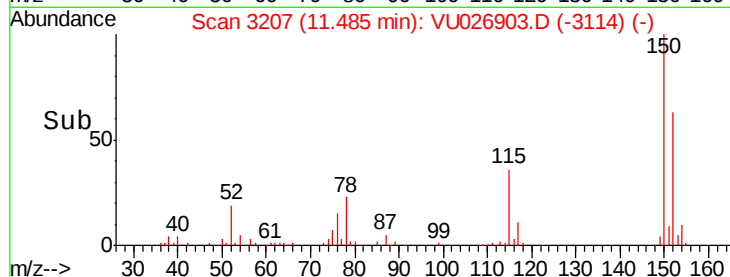
150 158.6 0.0 345.2



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: 20.667 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU026903.D

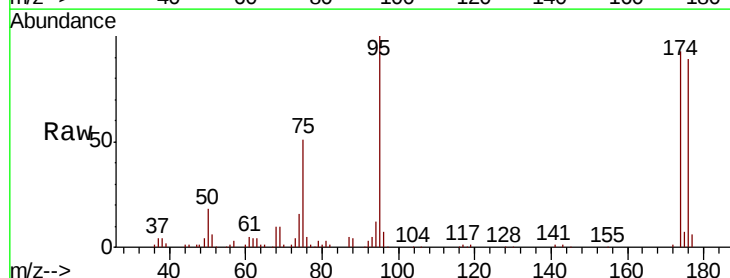
Acq: 19 Sep 2018 17:42

Tgt Ion: 75 Resp: 33584

Ion Ratio Lower Upper

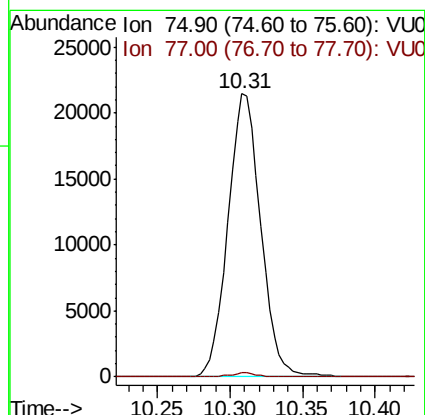
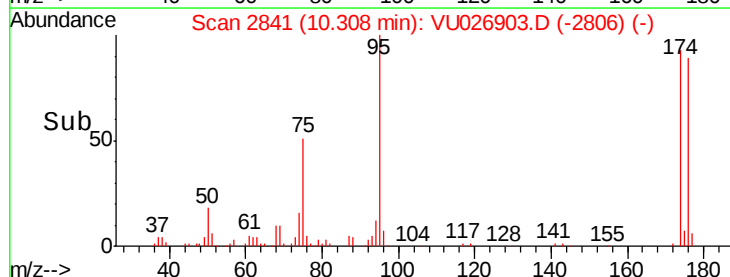
75 100

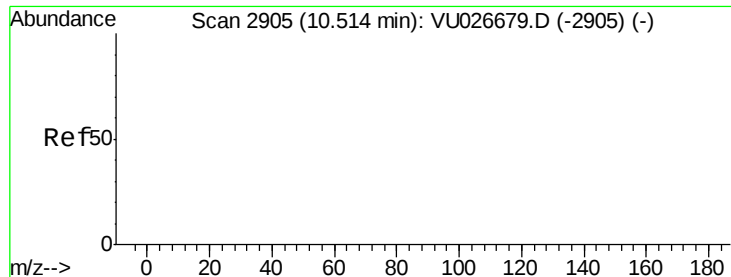
77 1.0 21.1 63.1#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

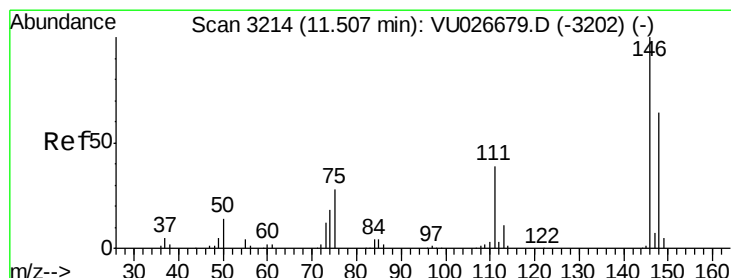
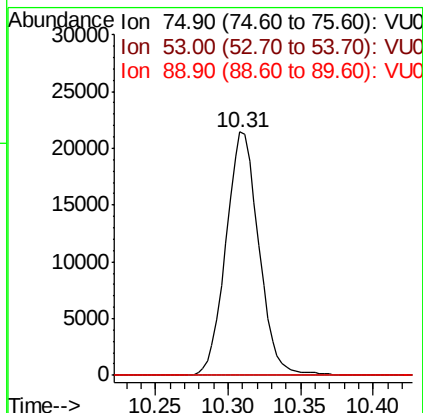
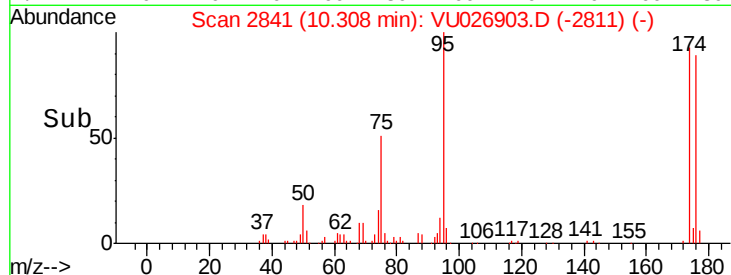
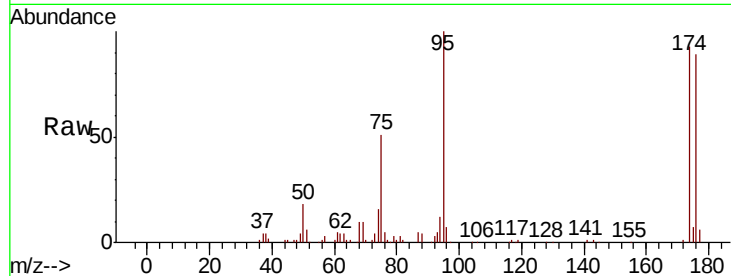




#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.681 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

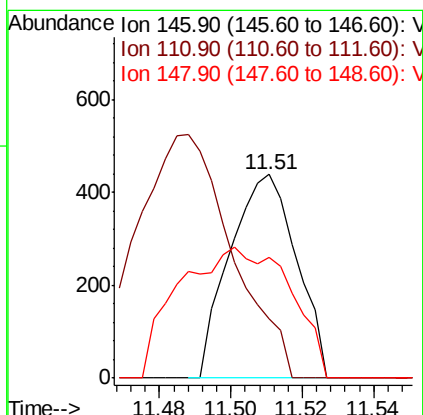
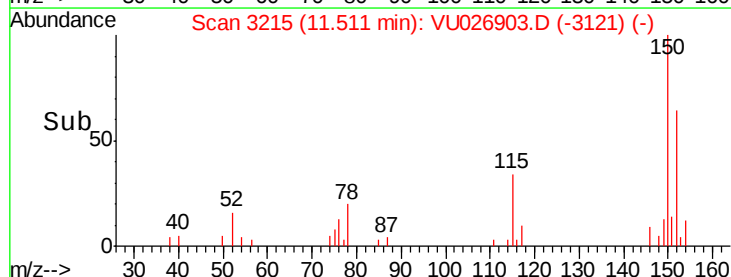
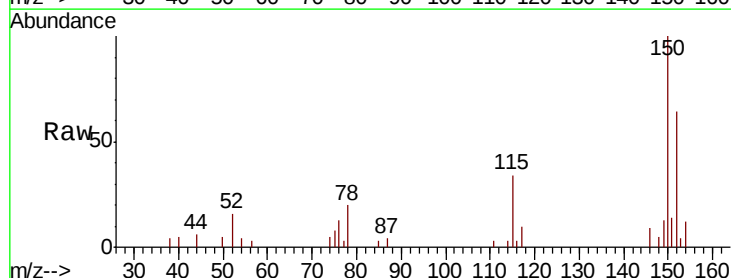
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW30212-20180912

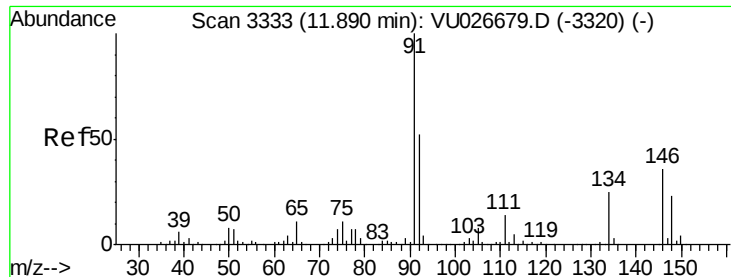
Tgt Ion: 75 Resp: 33584
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0



#88
 1,4-Dichlorobenzene
 Concen: 0.217 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026903.D
 Acq: 19 Sep 2018 17:42

Tgt Ion: 146 Resp: 565
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.2 57.6#
 148 107.6 32.1 96.3#





#89

n-Butylbenzene

Concen: 2.126 ug/l

RT: 11.90 min Scan# 3335

Delta R.T. 0.01 min

Lab File: VU026903.D

Acq: 19 Sep 2018 17:42

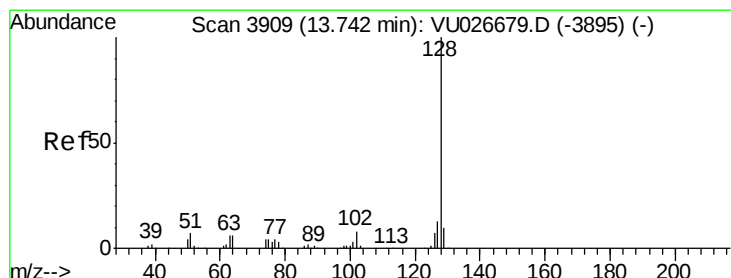
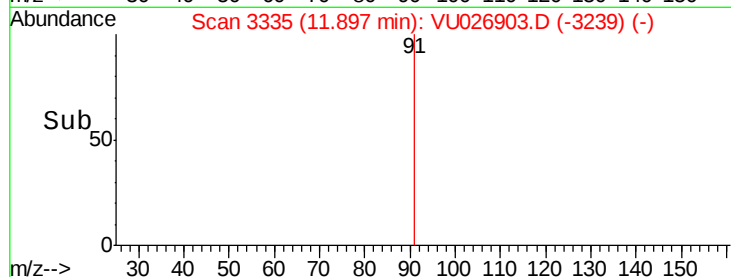
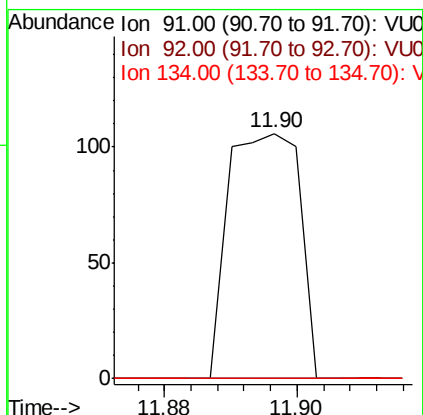
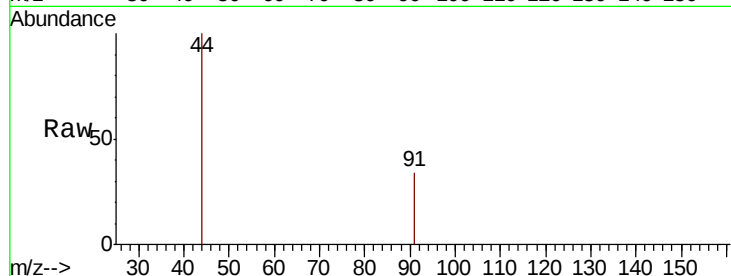
Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW30212-20180912

Tgt Ion:	91.00	Resp:	79
Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.8	77.3#
134	0.0	12.6	37.8#



#95

Naphthalene

Concen: 1.019 ug/l

RT: 13.76 min Scan# 3916

Delta R.T. 0.02 min

Lab File: VU026903.D

Acq: 19 Sep 2018 17:42

Tgt Ion:	128.00	Resp:	19
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	12.8#

