

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026905.D
 Acq On : 19 Sep 2018 18:29
 Operator : MD/SY
 Sample : J4913-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW302D-20180913

Quant Time: Sep 20 05:34:57 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	81527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	139068	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73089	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	68671	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
35) Dibromofluoromethane	4.89	113	62523	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	7.57	98	204688	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	10.31	95	68663	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	

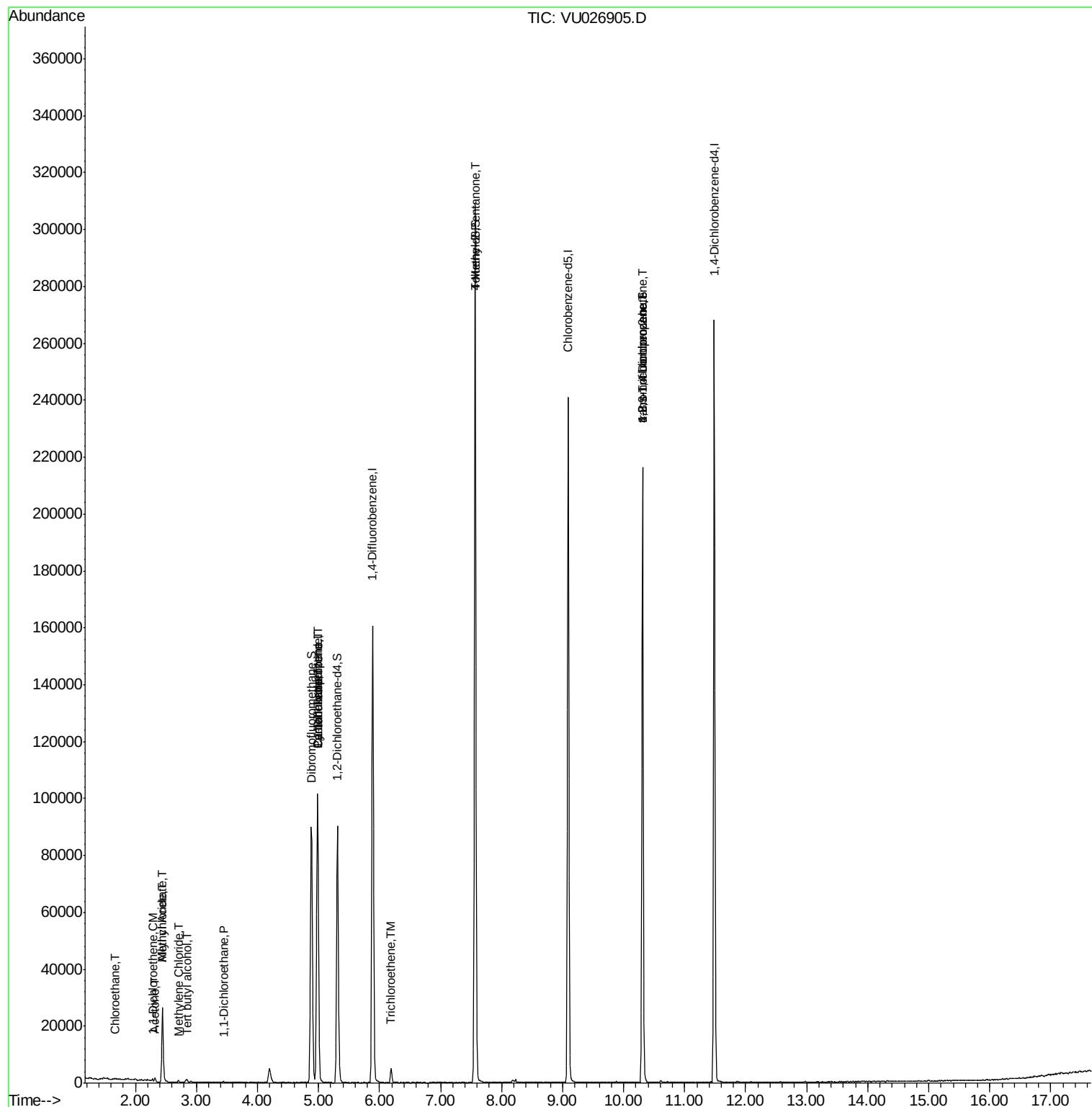
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.67	64	195	0.240	ug/l #	44
11) Tert butyl alcohol	2.84	59	796	2.641	ug/l #	73
12) 1,1-Dichloroethene	2.28	96	210	0.224	ug/l #	75
14) Allyl chloride	2.45	41	2592	1.538	ug/l #	75
16) Acetone	2.32	43	1699	2.426	ug/l	91
18) Methyl Acetate	2.44	43	6887	4.559	ug/l #	54
20) Methylene Chloride	2.70	84	311	0.274	ug/l #	77
24) 1,1-Dichloroethane	3.45	63	660	0.333	ug/l #	84
31) Cyclohexane	4.99	56	1455	0.623	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	5786	3.706	ug/l #	47
38) Carbon Tetrachloride	4.99	117	7051	4.274	ug/l #	15
44) Trichloroethene	6.19	130	2037	1.697	ug/l	83
51) 4-Methyl-2-Pentanone	7.57	43	738	0.386	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	33668	20.564	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	33668	63.438	ug/l #	100

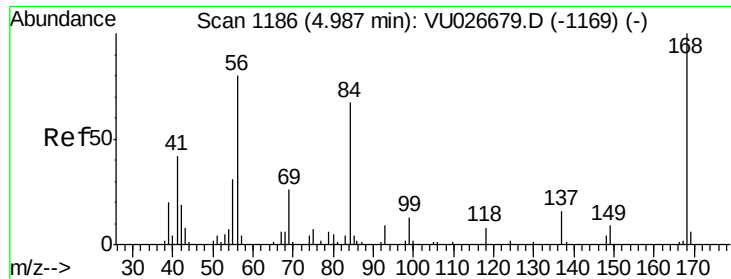
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
Data File : VU026905.D
Acq On : 19 Sep 2018 18:29
Operator : MD/SY
Sample : J4913-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW302D-20180913

Quant Time: Sep 20 05:34:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 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: VU026905.D

Acq: 19 Sep 2018 18:29

Instrument :

MSVOA_U

ClientSampleId :

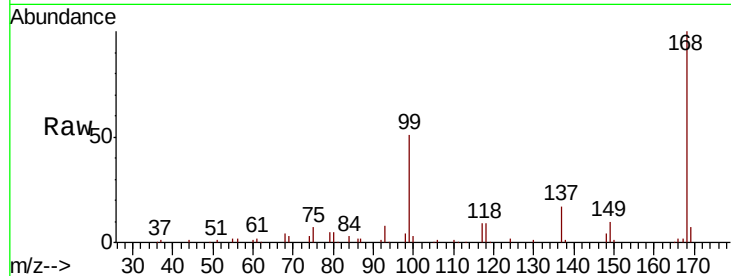
BPS1-TT-MW302D-20180913

Tgt Ion:168 Resp: 81527

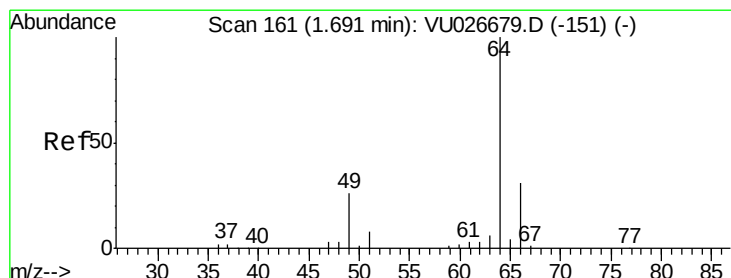
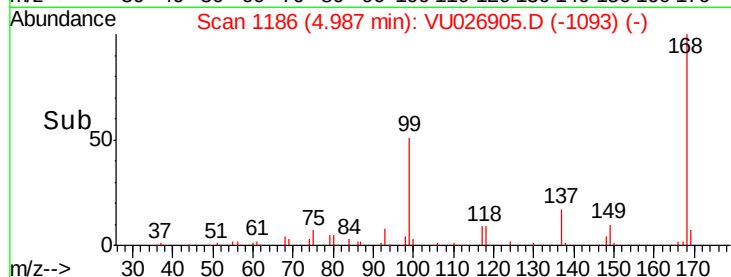
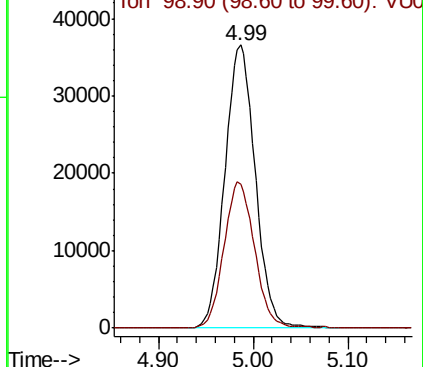
Ion Ratio Lower Upper

168 100

99 51.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)



#6

Chloroethane

Concen: 0.240 ug/l

RT: 1.67 min Scan# 154

Delta R.T. -0.02 min

Lab File: VU026905.D

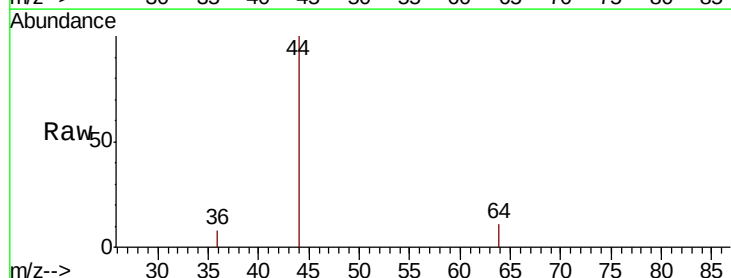
Acq: 19 Sep 2018 18:29

Tgt Ion: 64 Resp: 195

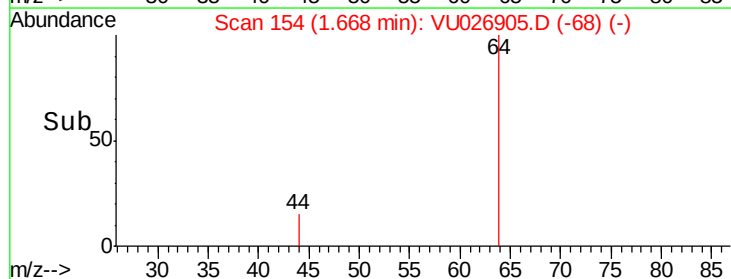
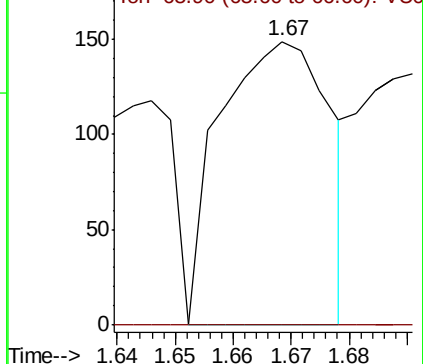
Ion Ratio Lower Upper

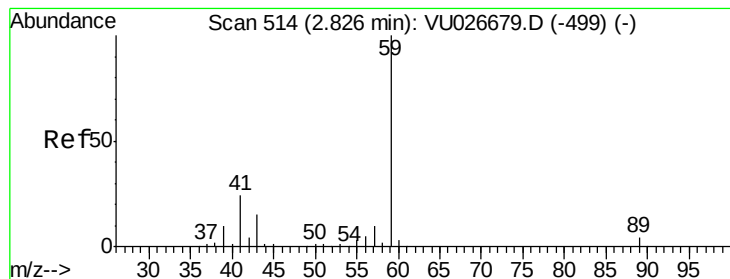
64 100

66 0.0 24.7 37.1#



Abundance Ion 63.90 (63.60 to 64.60): VU026679.D (-151) (-)



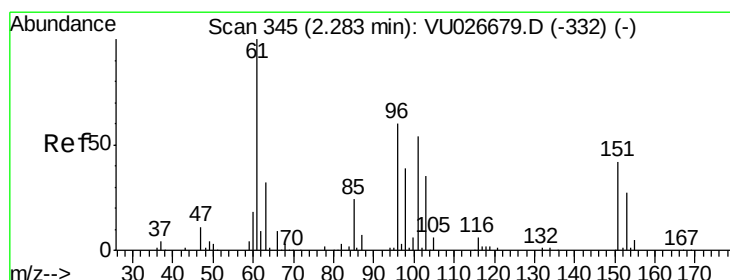
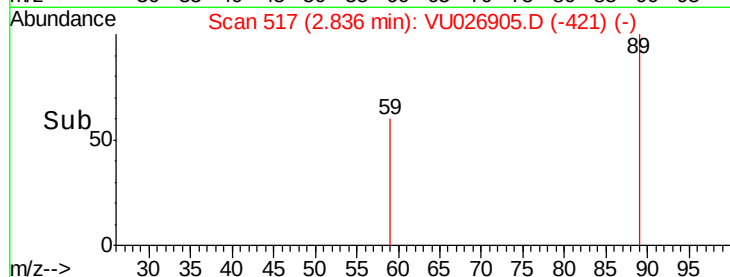
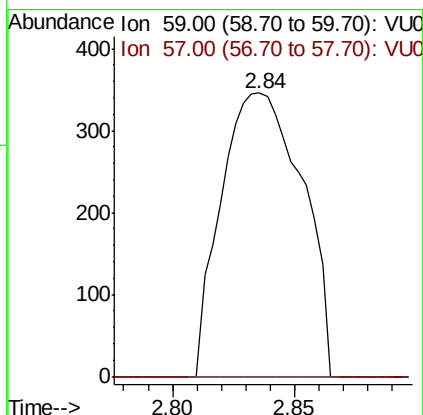
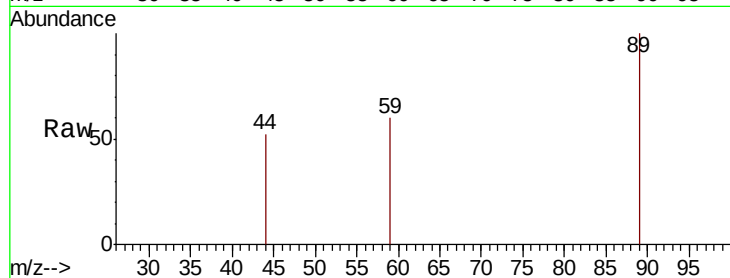


#11

Tert butyl alcohol
 Concen: 2.641 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW302D-20180913

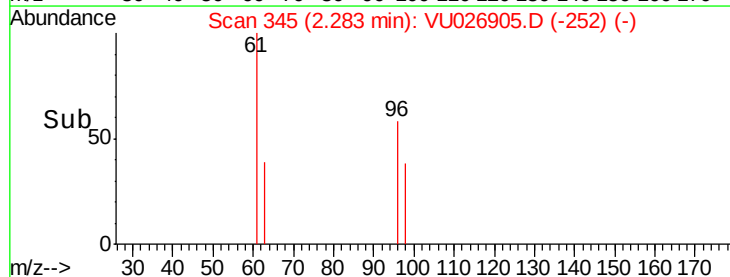
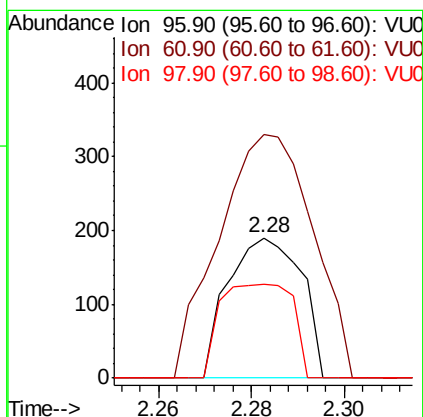
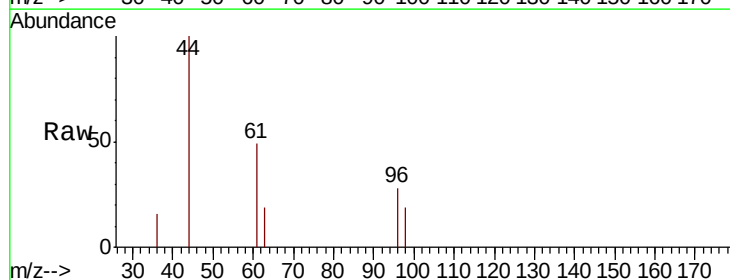
Tgt Ion: 59 Resp: 796
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

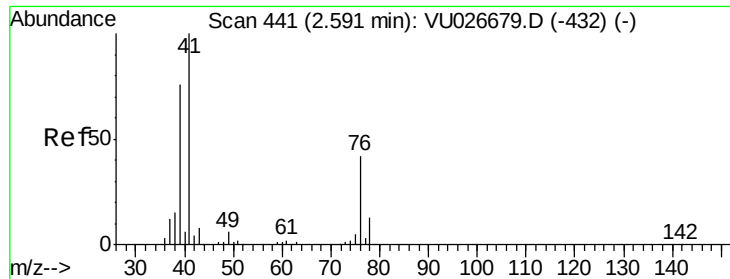


#12

1,1-Dichloroethene
 Concen: 0.224 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Tgt Ion: 96 Resp: 210
 Ion Ratio Lower Upper
 96 100
 61 121.1 133.0 199.6#
 98 66.8 51.3 76.9

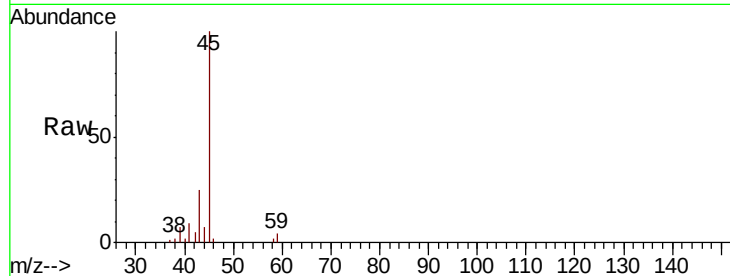




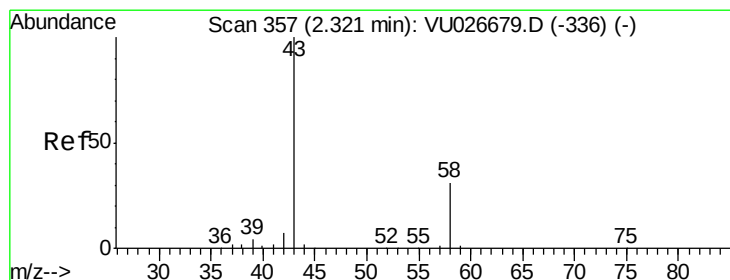
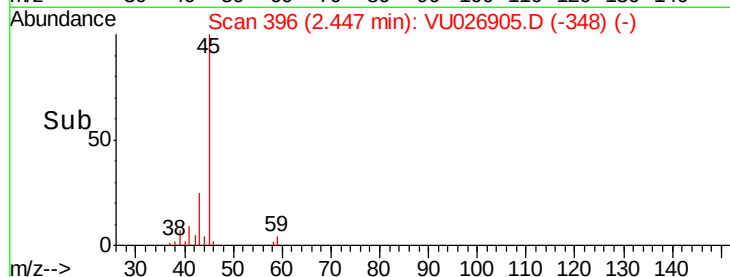
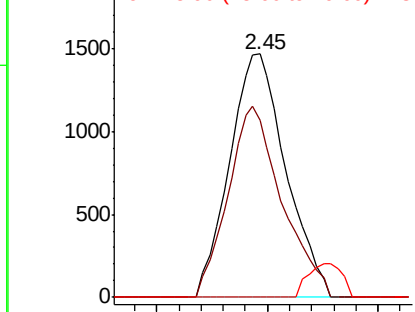
#14
 Allyl chloride
 Concen: 1.538 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW302D-20180913

Tgt Ion: 41 Resp: 2592
 Ion Ratio Lower Upper
 41 100
 39 75.3 56.9 85.3
 76 0.0 29.7 44.5#

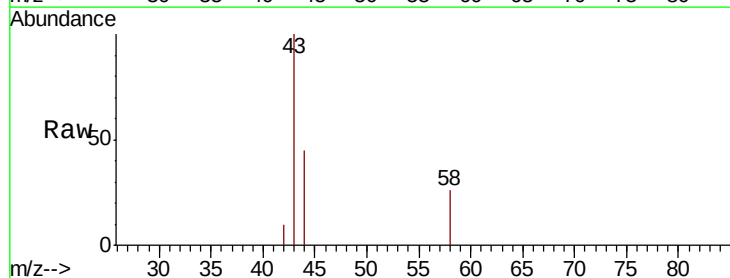


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

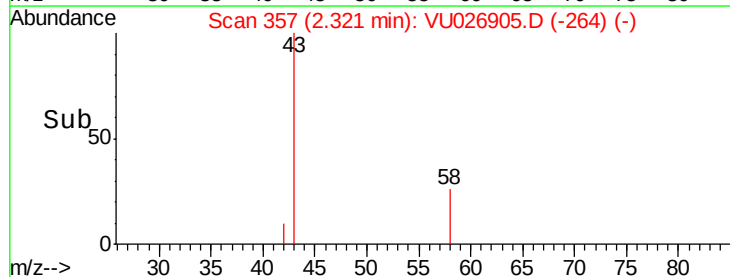
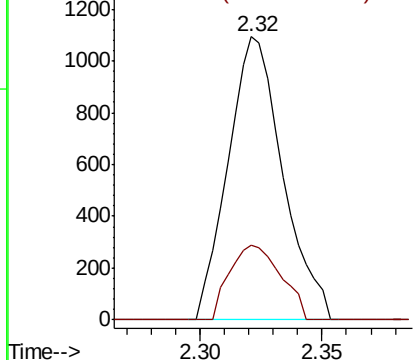


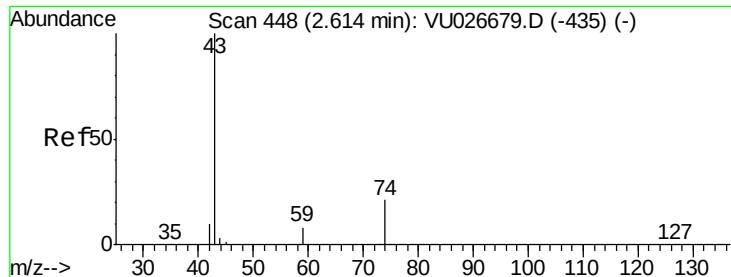
#16
 Acetone
 Concen: 2.426 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Tgt Ion: 43 Resp: 1699
 Ion Ratio Lower Upper
 43 100
 58 26.3 25.1 37.7



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

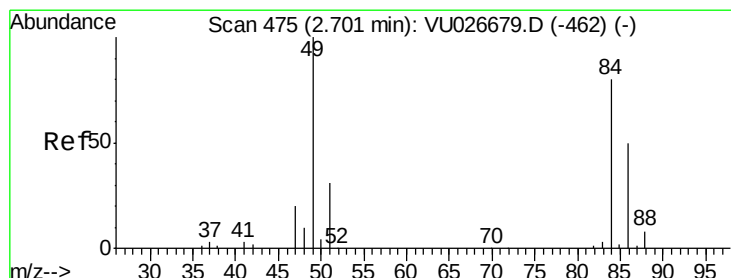
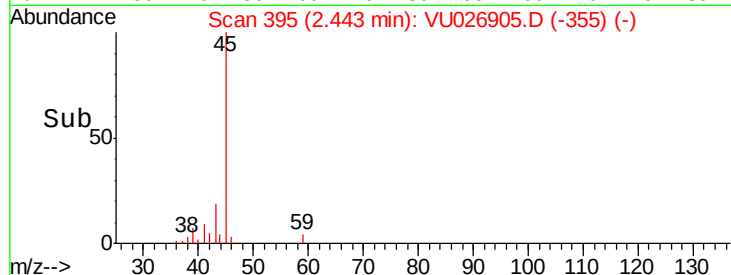
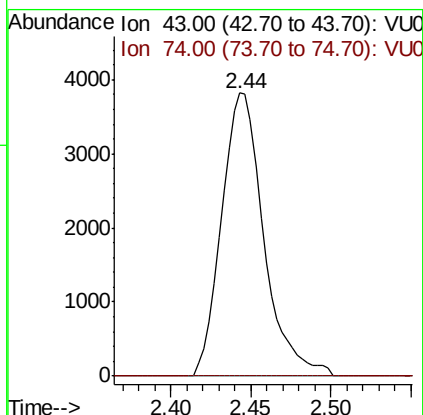
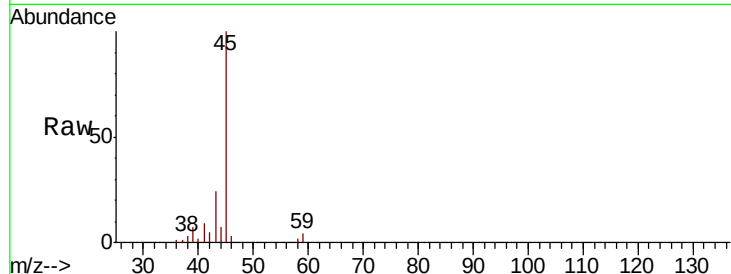




#18
Methyl Acetate
Concen: 4.559 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

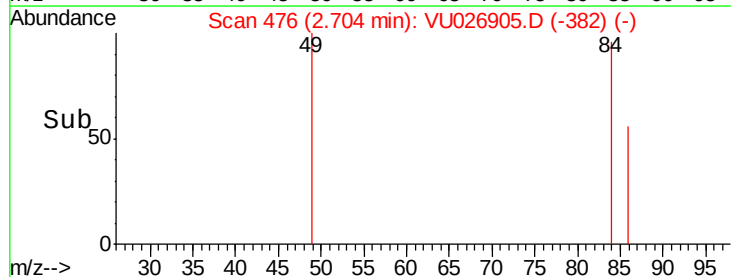
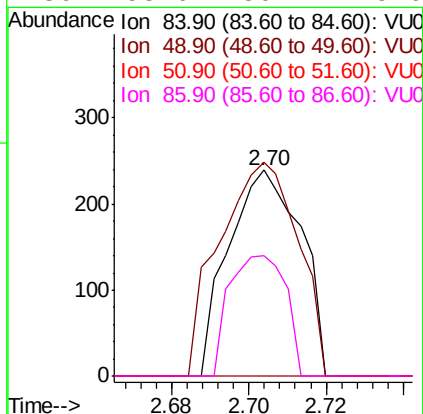
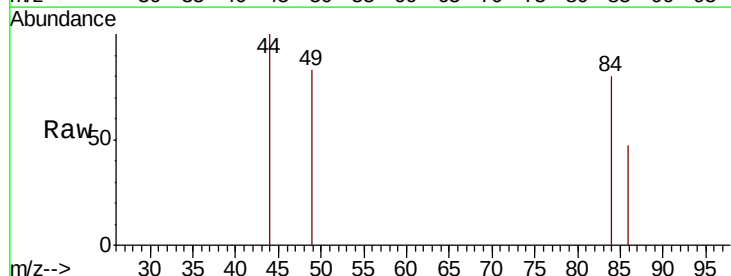
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW302D-20180913

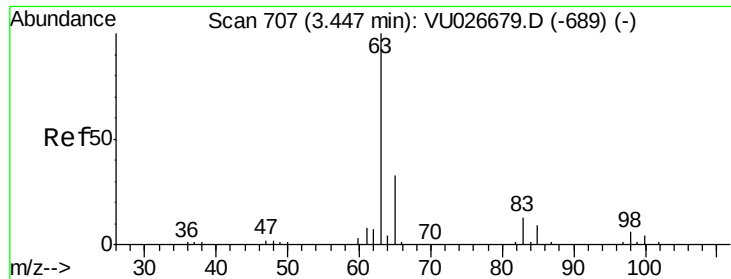
Tgt Ion: 43 Resp: 6887
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 84 Resp: 311
Ion Ratio Lower Upper
84 100
49 103.8 100.6 151.0
51 0.0 30.9 46.3#
86 58.6 50.4 75.6





#24

1,1-Dichloroethane

Concen: 0.333 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU026905.D

Acq: 19 Sep 2018 18:29

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW302D-20180913

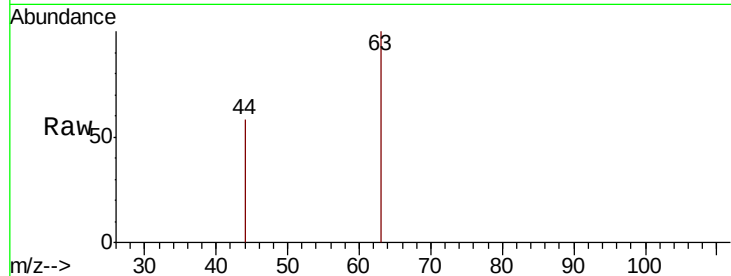
Tgt Ion: 63 Resp: 660

Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

3.45

400

300

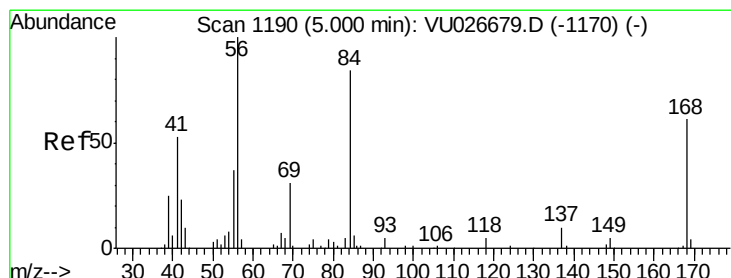
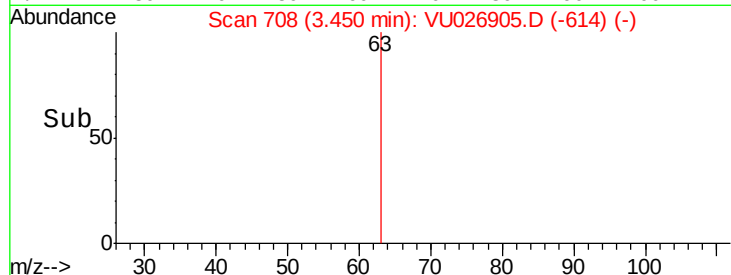
200

100

0

3.40 3.45

Time-->



#31

Cyclohexane

Concen: 0.623 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU026905.D

Acq: 19 Sep 2018 18:29

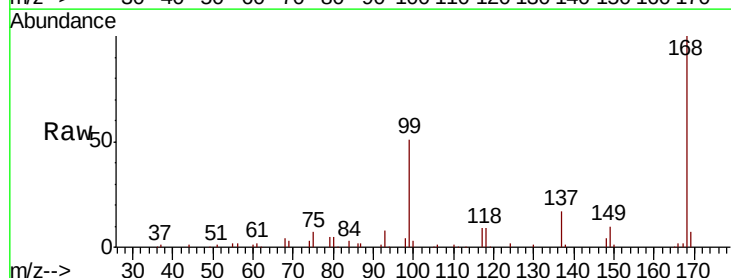
Tgt Ion: 56 Resp: 1455

Ion Ratio Lower Upper

56 100

69 180.0 24.9 37.3#

84 144.8 66.6 100.0#



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

1500

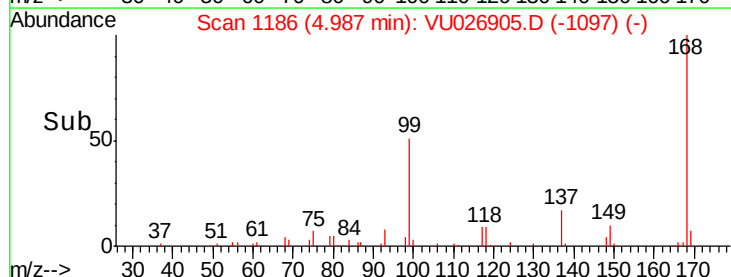
1000

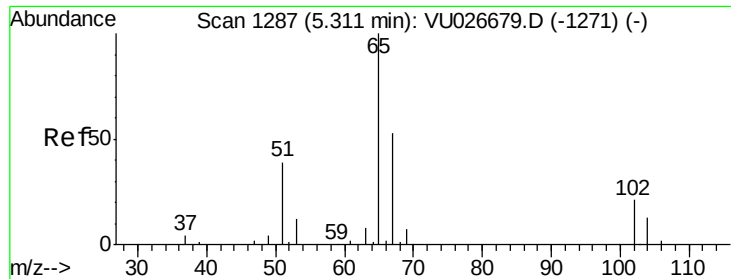
500

0

4.95 5.00

Time-->

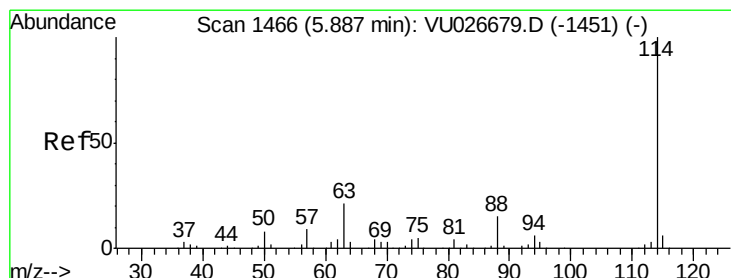
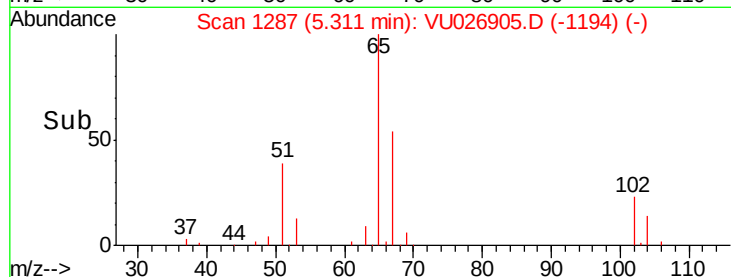
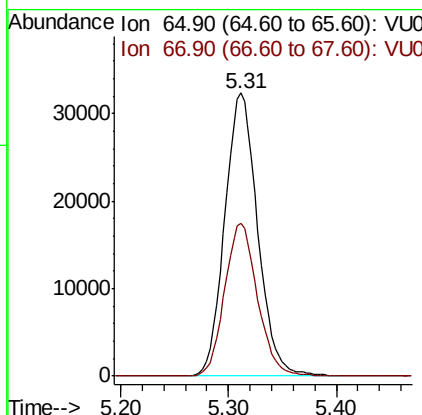
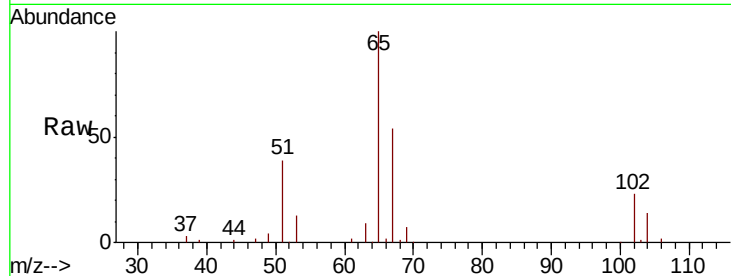




#33
 1,2-Dichloroethane-d4
 Concen: 55.526 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

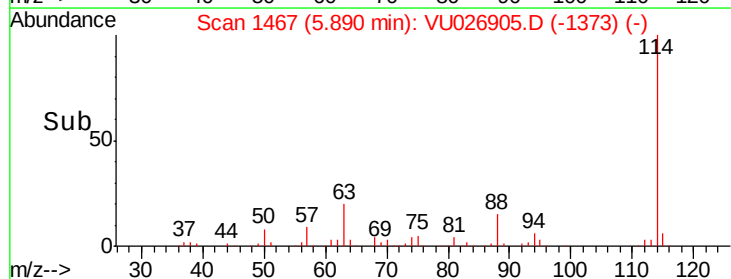
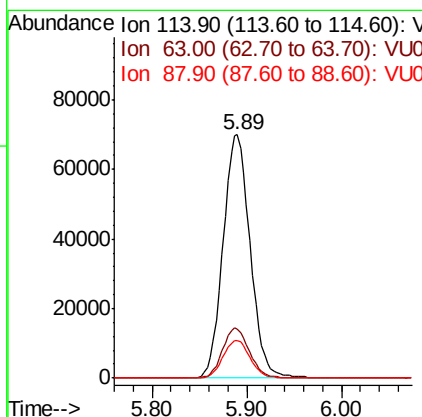
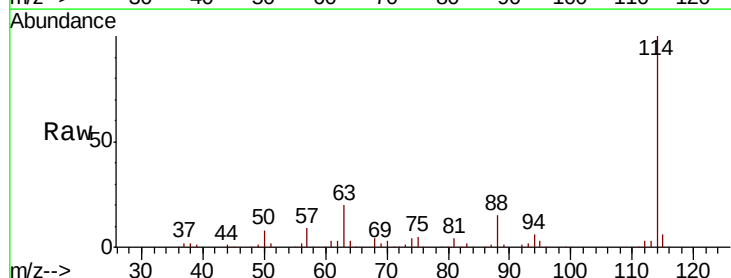
Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW302D-20180913

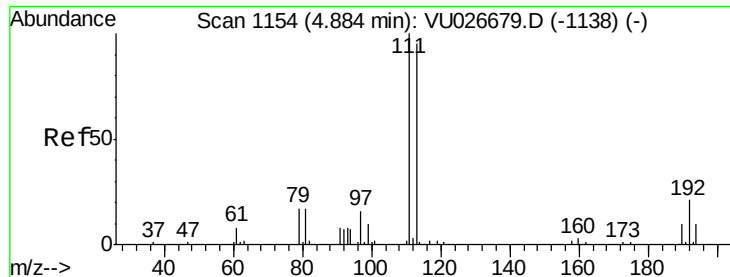
Tgt Ion: 65 Resp: 68671
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Tgt Ion: 114 Resp: 139068
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.117 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU026905.D

Acq: 19 Sep 2018 18:29

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW302D-20180913

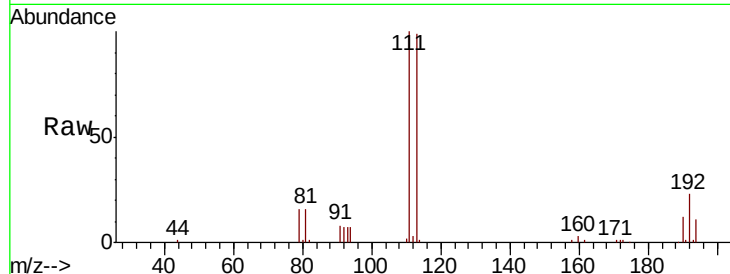
Tgt Ion:113 Resp: 62523

Ion Ratio Lower Upper

113 100

111 101.0 83.1 124.7

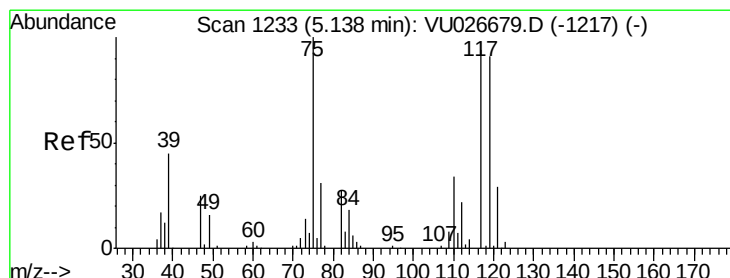
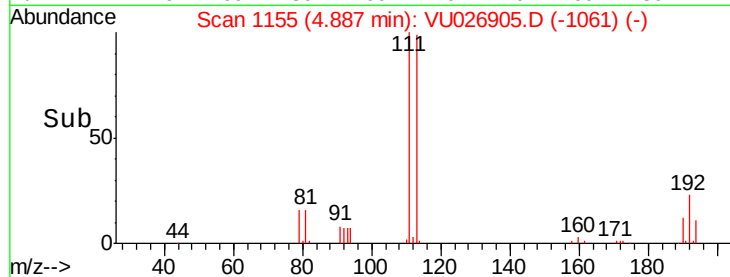
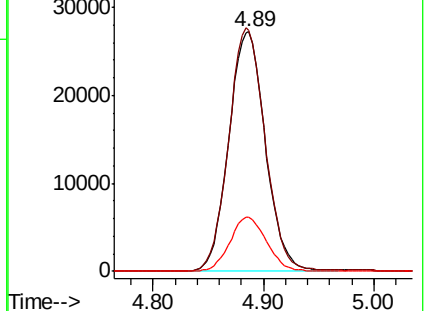
192 22.6 17.4 26.2



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: 3.706 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU026905.D

Acq: 19 Sep 2018 18:29

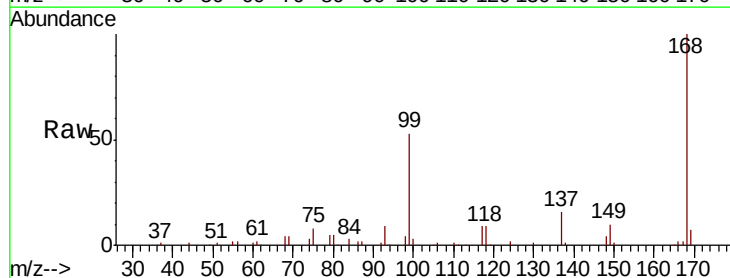
Tgt Ion: 75 Resp: 5786

Ion Ratio Lower Upper

75 100

110 5.9 17.3 51.9#

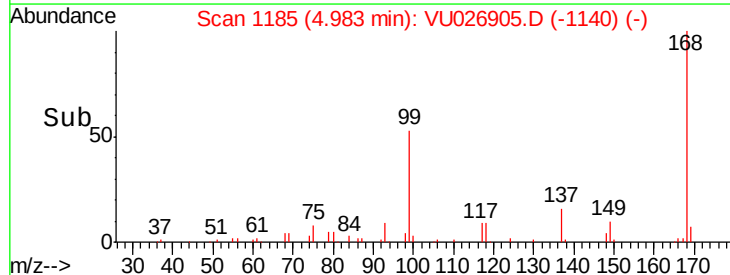
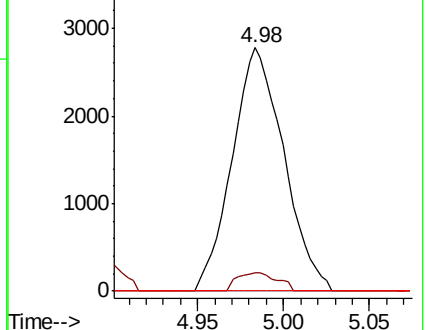
77 0.0 24.9 37.3#

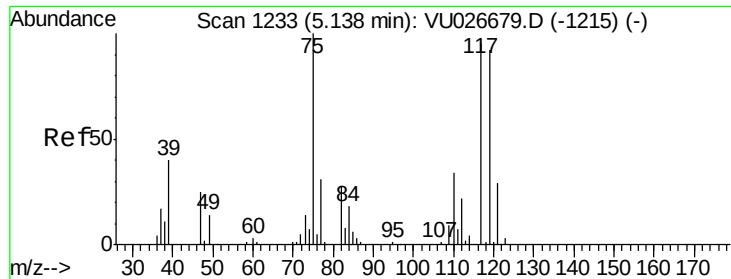


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.274 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU026905.D

Acq: 19 Sep 2018 18:29

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW302D-20180913

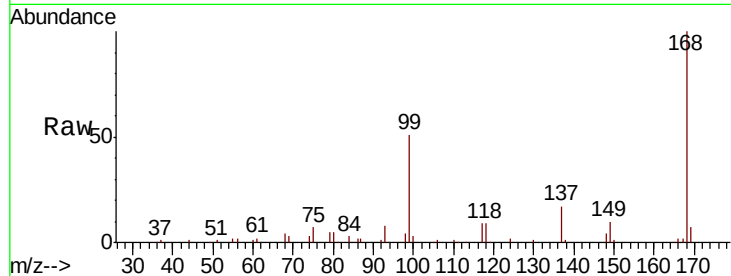
Tgt Ion:117 Resp: 7051

Ion Ratio Lower Upper

117 100

119 5.3 77.8 116.8#

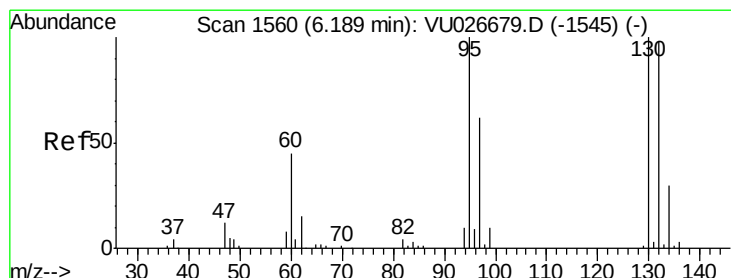
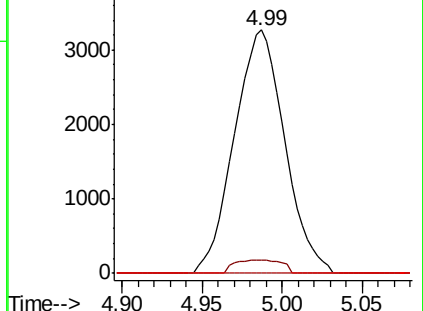
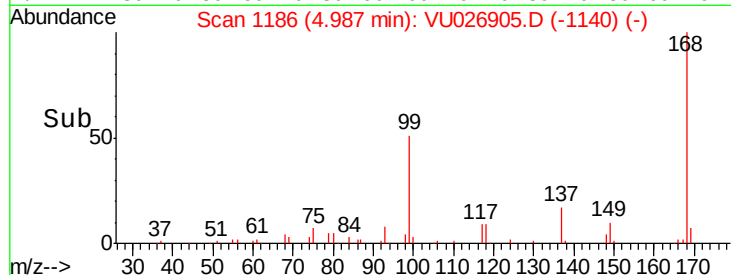
121 0.0 25.0 37.4#



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: 1.697 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU026905.D

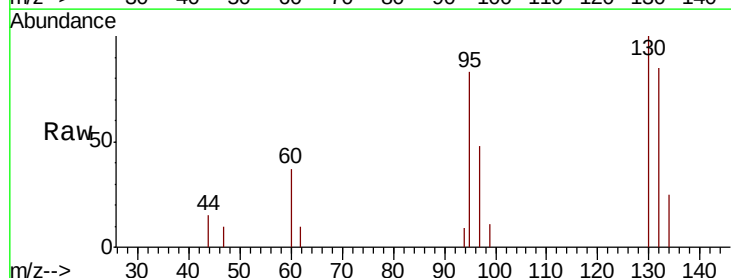
Acq: 19 Sep 2018 18:29

Tgt Ion:130 Resp: 2037

Ion Ratio Lower Upper

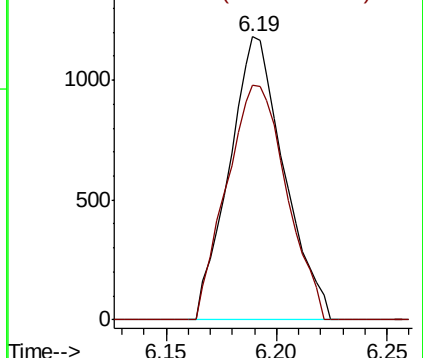
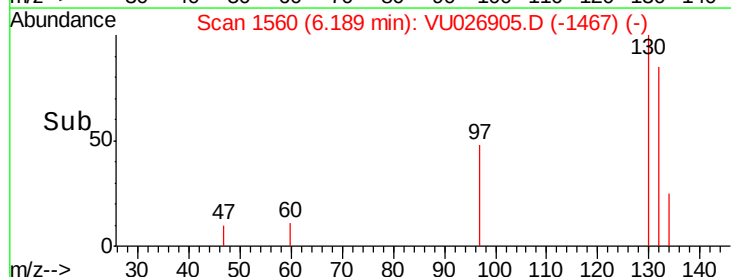
130 100

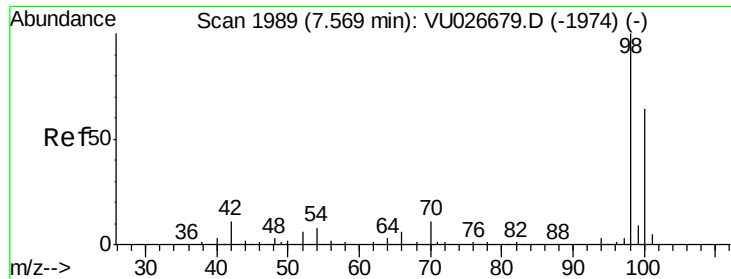
95 82.9 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

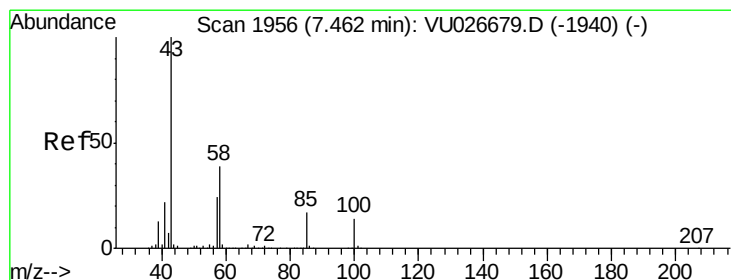
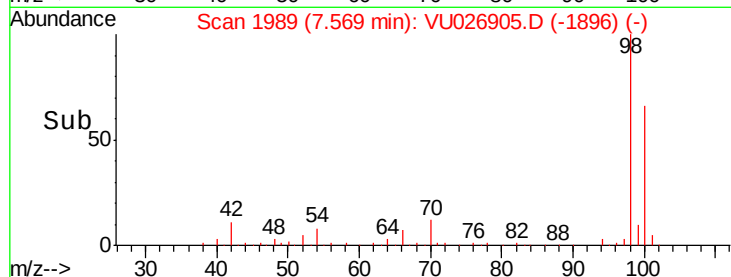
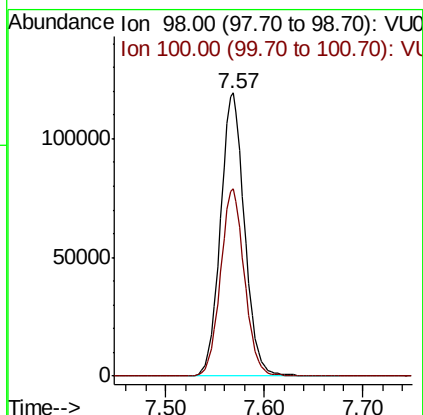
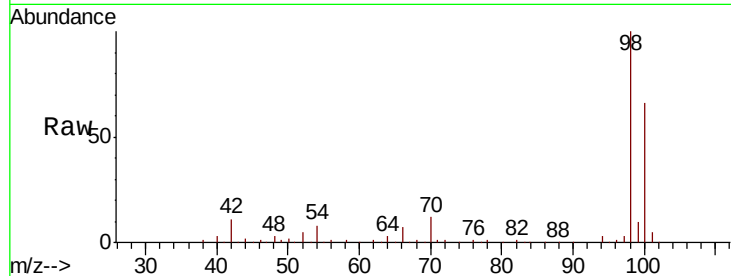




#50
Toluene-d8
Concen: 48.787 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

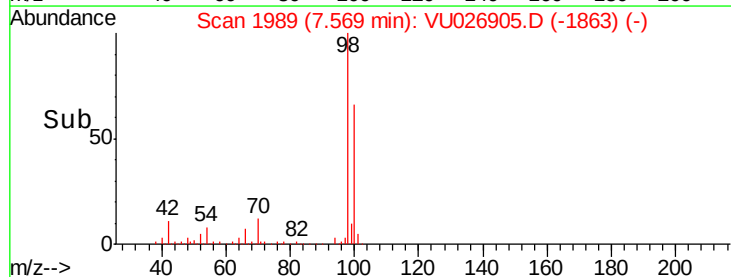
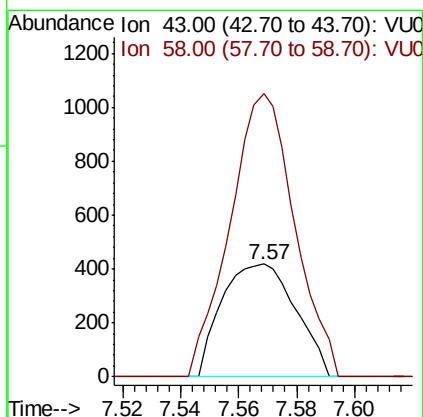
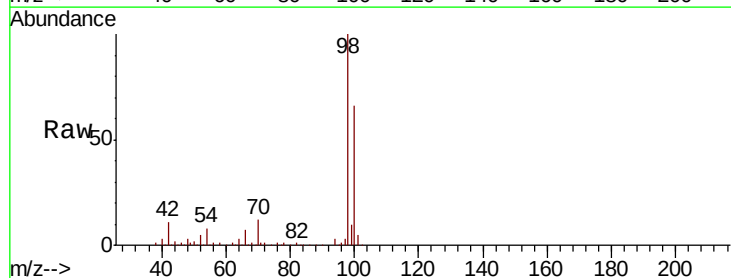
Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW302D-20180913

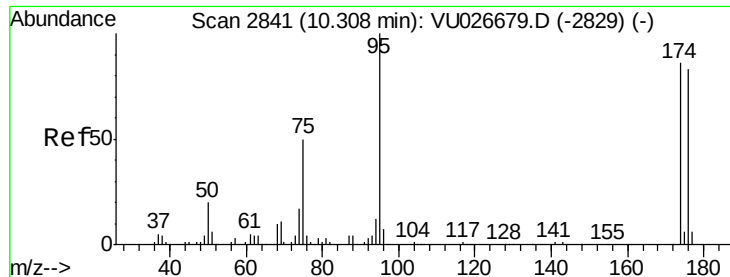
Tgt Ion: 98 Resp: 204688
Ion Ratio Lower Upper
98 100
100 65.7 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.386 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 219.9 31.1 46.7#





#62

4-Bromofluorobenzene

Concen: 45.155 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU026905.D

Acq: 19 Sep 2018 18:29

Instrument :

MSVOA_U

ClientSampleId :

BPS1-TT-MW302D-20180913

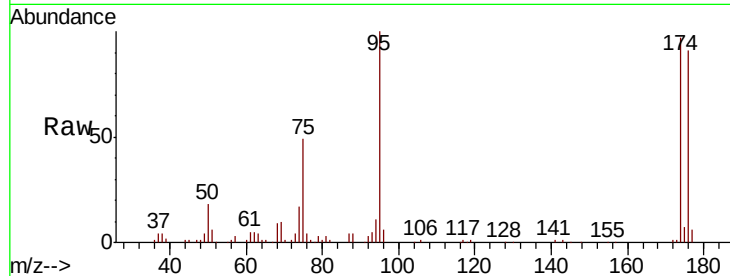
Tgt Ion: 95 Resp: 68663

Ion Ratio Lower Upper

95 100

174 94.0 0.0 172.8

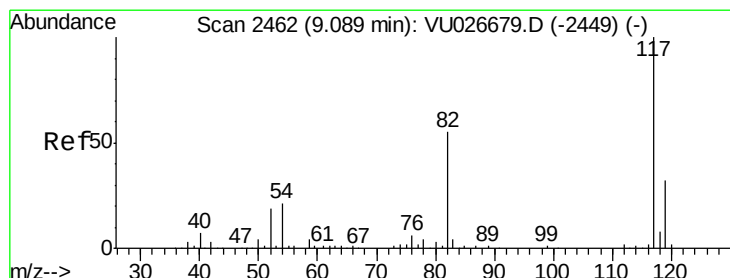
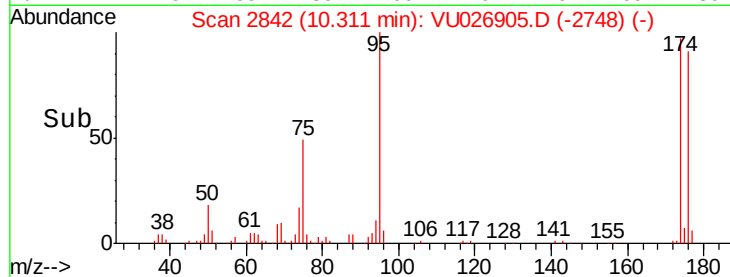
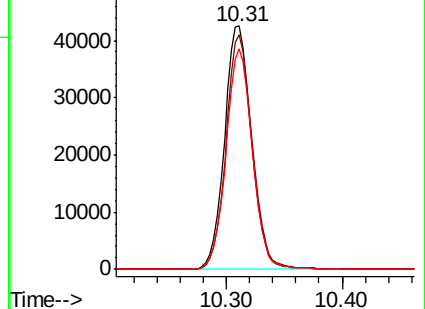
176 88.2 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VU026679.D (-2829) (-)

Ion 173.80 (173.50 to 174.50): VU026679.D (-2829) (-)

Ion 175.80 (175.50 to 176.50): VU026679.D (-2829) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU026905.D

Acq: 19 Sep 2018 18:29

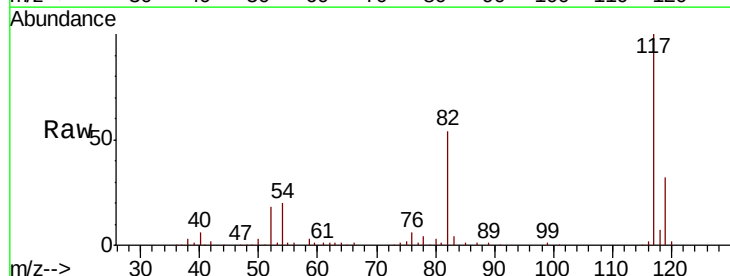
Tgt Ion: 117 Resp: 136919

Ion Ratio Lower Upper

117 100

82 54.3 44.1 66.1

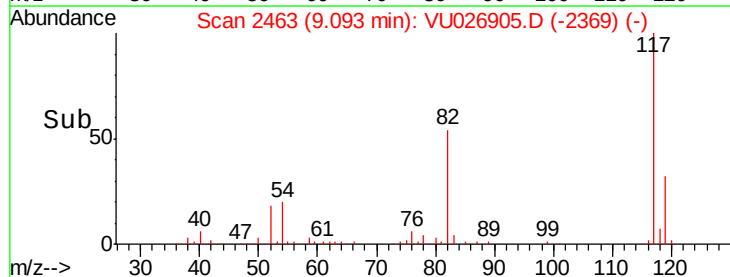
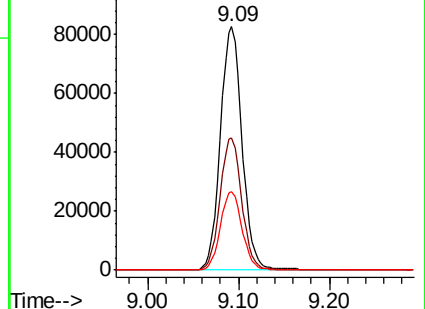
119 32.2 25.7 38.5

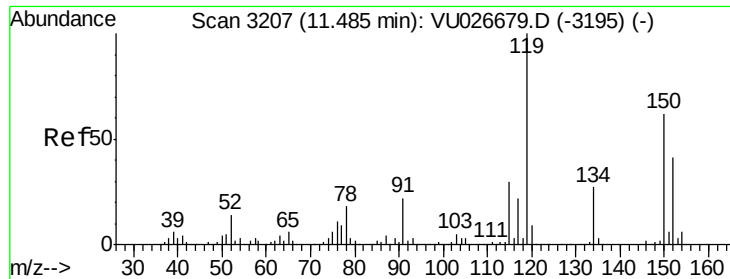


Abundance Ion 116.90 (116.60 to 117.60): VU026679.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026679.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026679.D (-2449) (-)

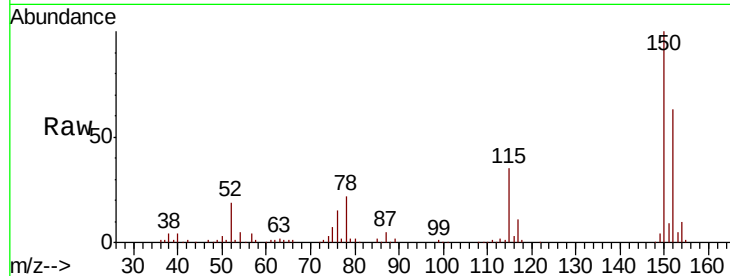




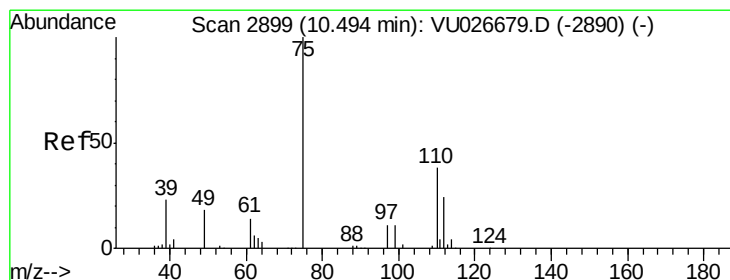
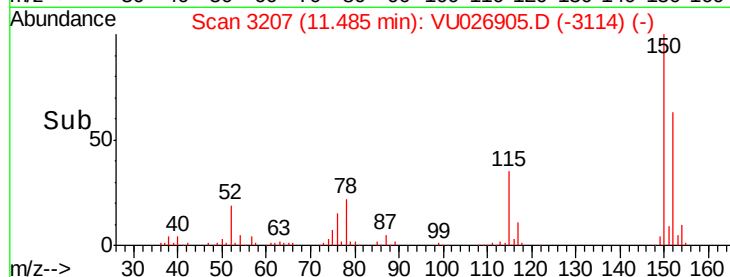
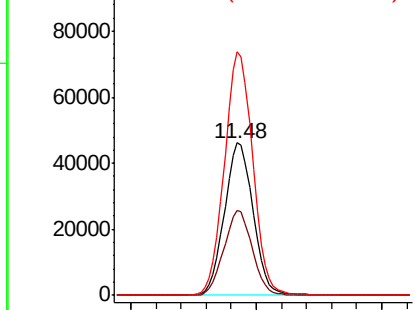
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW302D-20180913

Tgt Ion: 152 Resp: 73089
 Ion Ratio Lower Upper
 152 100
 115 55.0 40.4 121.1
 150 158.2 0.0 345.2

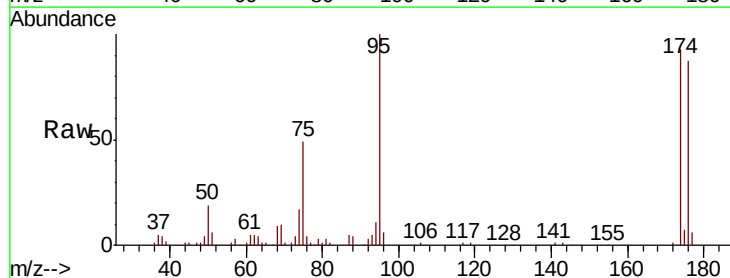


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

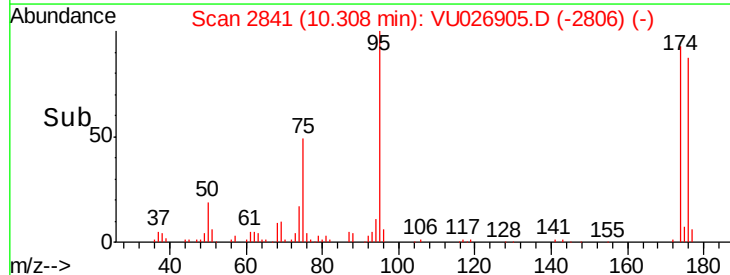
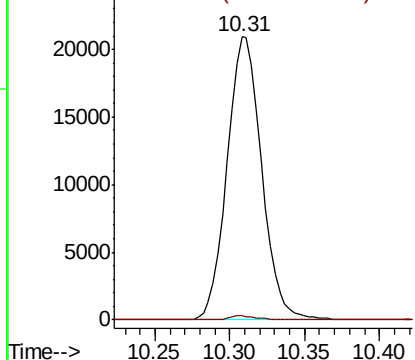


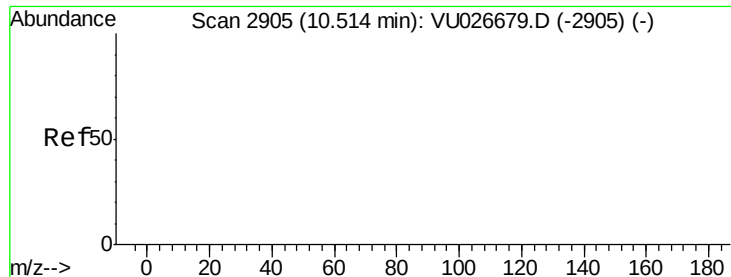
#76
 1,2,3-Trichloropropane
 Concen: 20.564 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Tgt Ion: 75 Resp: 33668
 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: 63.438 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU026905.D
 Acq: 19 Sep 2018 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW302D-20180913

Tgt Ion:	75	Resp:	33668
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

