

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027371.D
 Acq On : 03 Oct 2018 21:29
 Operator : MD/SY
 Sample : J5155-05DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

Quant Time: Oct 04 00:00:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	93193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164617	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	154362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74572	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	100087	64.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.64%	
35) Dibromofluoromethane	4.88	113	68382	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
50) Toluene-d8	7.57	98	254412	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
62) 4-Bromofluorobenzene	10.31	95	82815	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	

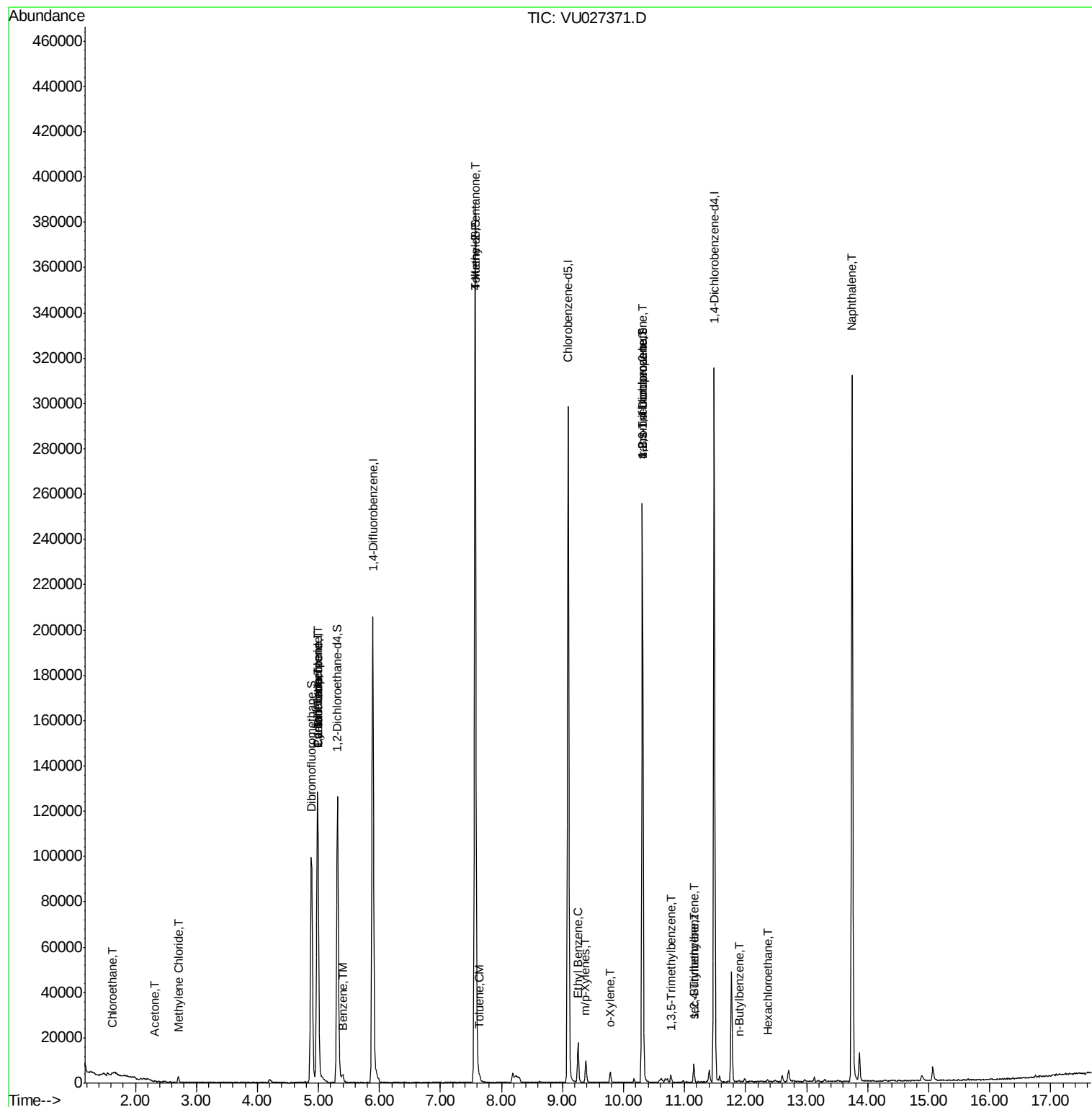
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.63	64	1628	1.584	ug/l #	44
16) Acetone	2.32	43	664	0.722	ug/l #	44
20) Methylene Chloride	2.70	84	1032	0.806	ug/l	86
31) Cyclohexane	4.99	56	2299	0.687	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8366	4.681	ug/l #	47
38) Carbon Tetrachloride	4.99	117	10024	6.209	ug/l #	17
40) Benzene	5.39	78	2367	0.455	ug/l	96
51) 4-Methyl-2-Pentanone	7.57	43	1179	0.506	ug/l #	1
52) Toluene	7.64	92	986	0.320	ug/l	91
67) Ethyl Benzene	9.25	91	12231	2.125	ug/l	98
68) m/p-Xylenes	9.38	106	2691	1.278	ug/l	96
69) o-Xylene	9.78	106	1353	0.676	ug/l	86
76) 1,2,3-Trichloropropane	10.31	75	45288	23.428	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.77	105	1876	0.425	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.31	75	45288	61.313	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	4577	1.016	ug/l	95
85) sec-Butylbenzene	11.15	105	4577	0.852	ug/l #	58
89) n-Butylbenzene	11.90	91	358	2.020	ug/l #	69
90) Hexachloroethane	12.36	117	713	0.823	ug/l #	12
95) Naphthalene	13.75	128	229447	41.006	ug/l	99

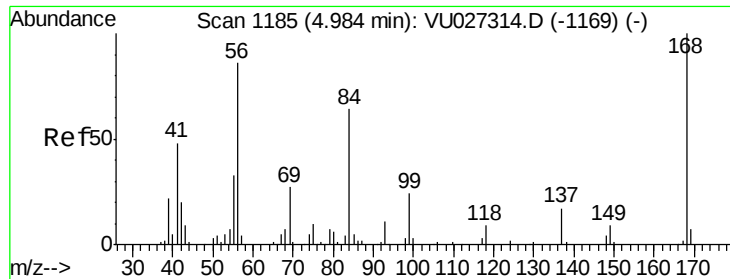
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027371.D
Acq On : 03 Oct 2018 21:29
Operator : MD/SY
Sample : J5155-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Quant Time: Oct 04 00:00:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 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: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

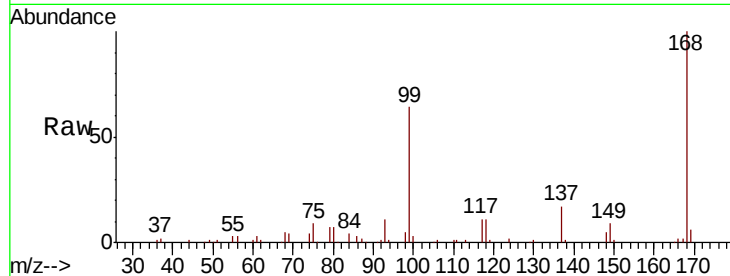
QNWP8-MW16S-GWDL

Tgt Ion:168 Resp: 93193

Ion Ratio Lower Upper

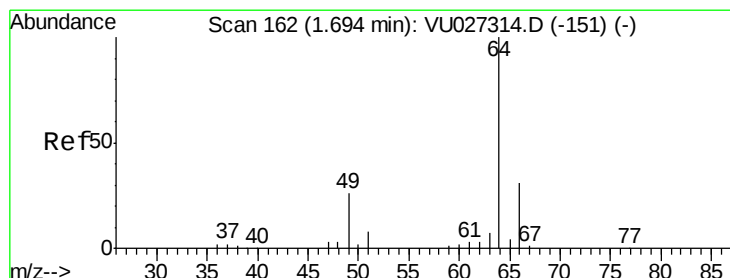
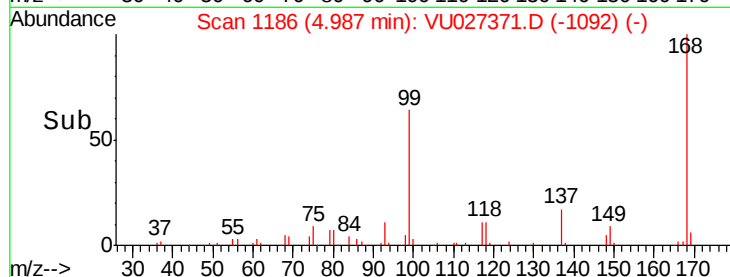
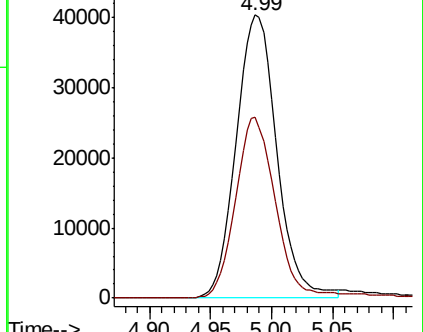
168 100

99 63.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#6

Chloroethane

Concen: 1.584 ug/l

RT: 1.63 min Scan# 141

Delta R.T. -0.07 min

Lab File: VU027371.D

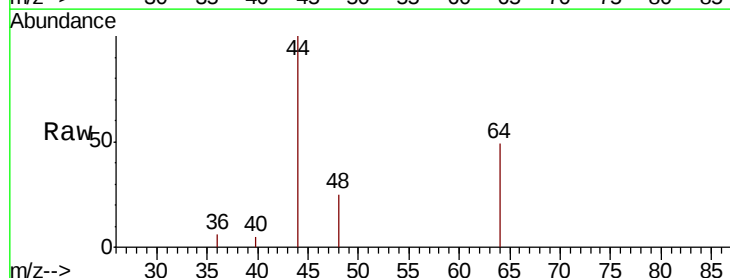
Acq: 03 Oct 2018 21:29

Tgt Ion: 64 Resp: 1628

Ion Ratio Lower Upper

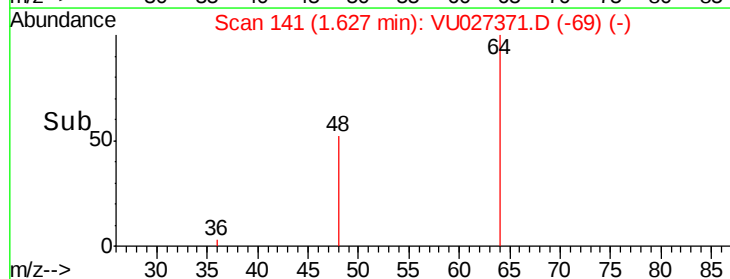
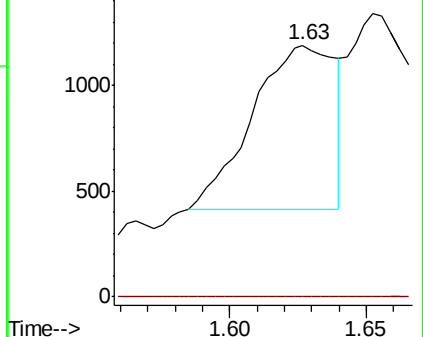
64 100

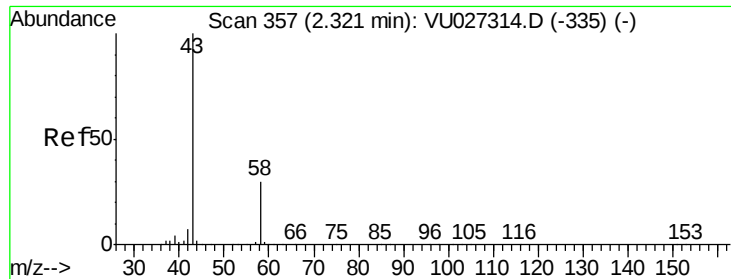
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

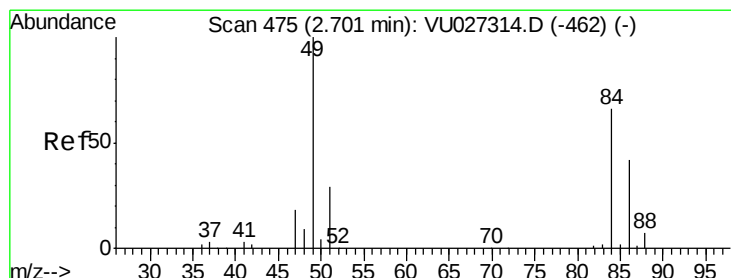
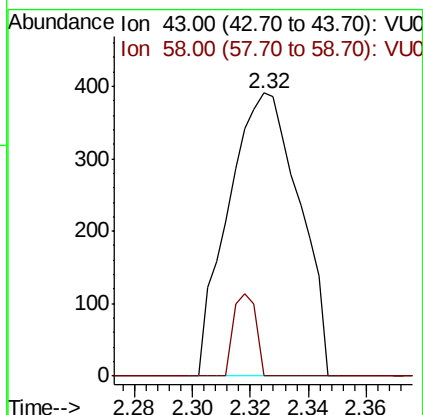
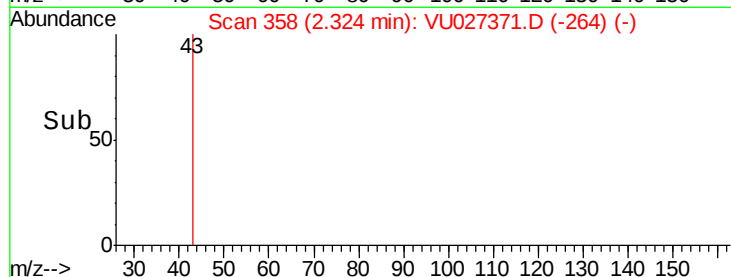
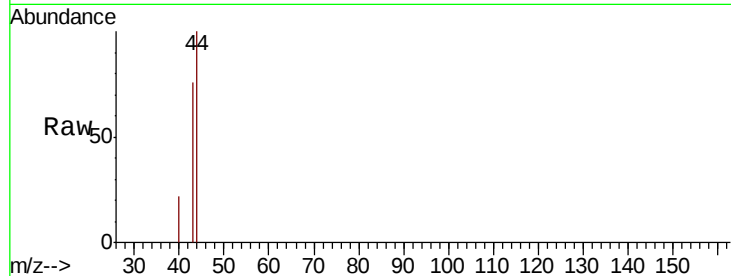




#16
Acetone
Concen: 0.722 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

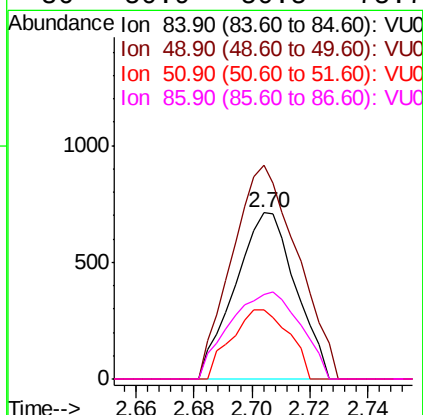
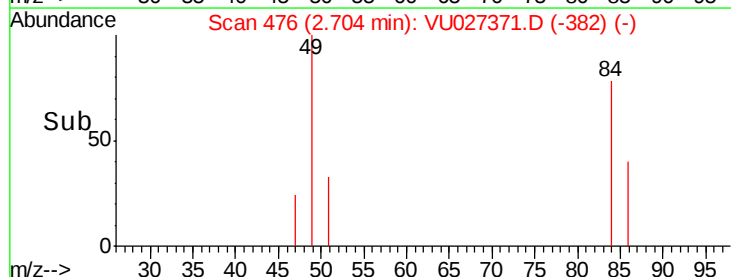
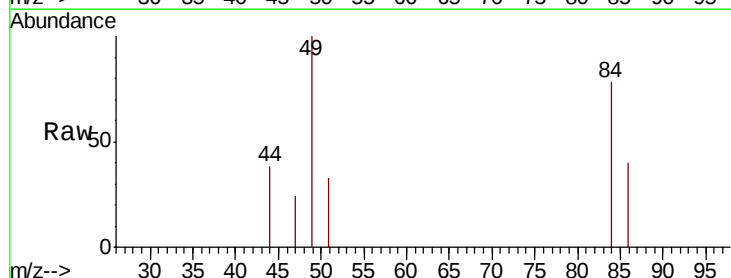
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

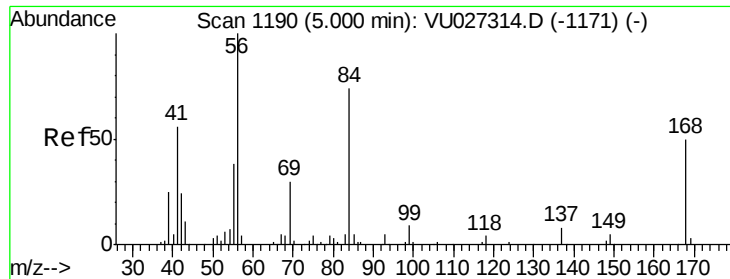
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: 0.806 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Tgt Ion: 84 Resp: 1032
Ion Ratio Lower Upper
84 100
49 128.7 120.5 180.7
51 42.1 35.1 52.7
86 50.9 50.5 75.7

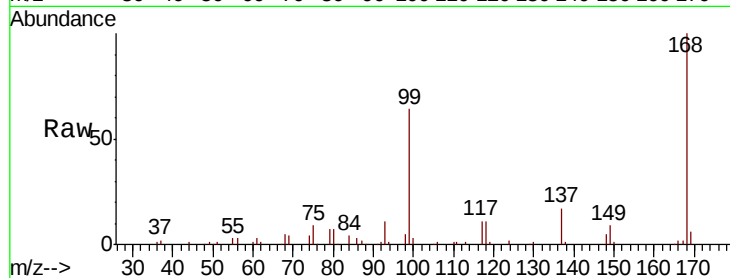




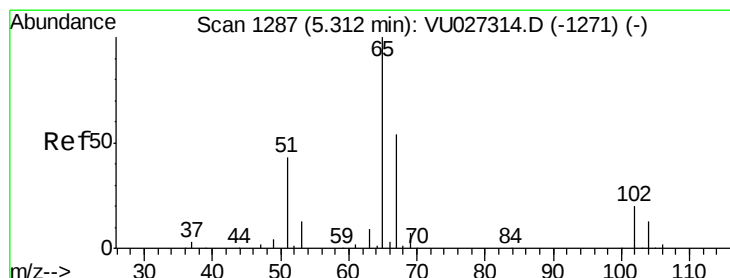
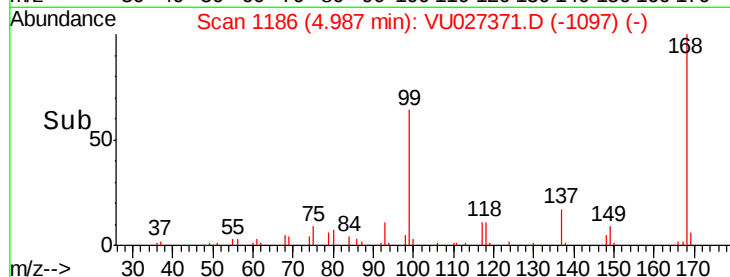
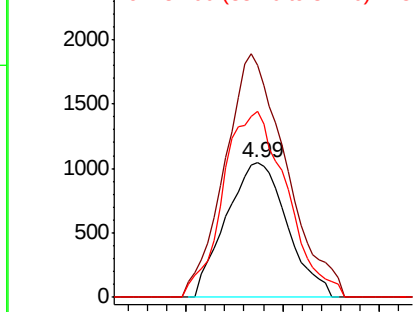
#31
Cyclohexane
Concen: 0.687 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Tgt Ion: 56 Resp: 2299
Ion Ratio Lower Upper
56 100
69 161.4 24.1 36.1#
84 128.9 59.1 88.7#

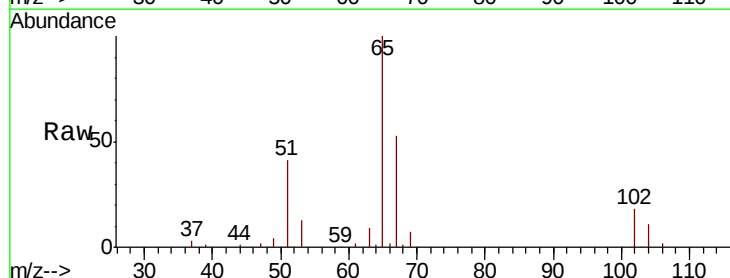


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

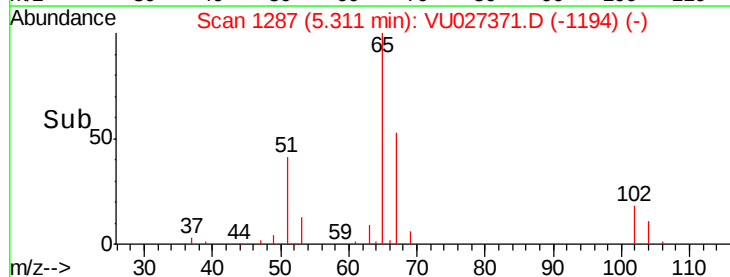
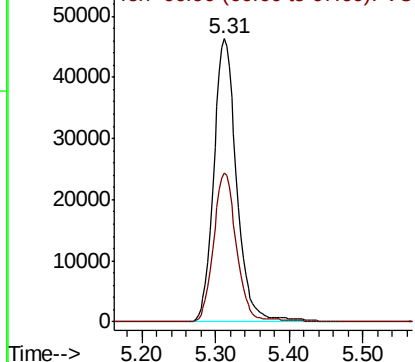


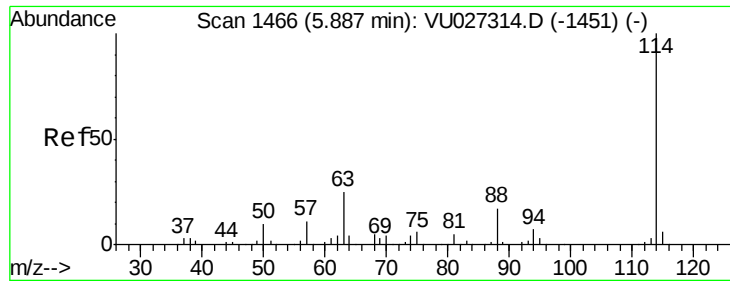
#33
1,2-Dichloroethane-d4
Concen: 64.317 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Tgt Ion: 65 Resp: 100087
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8



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

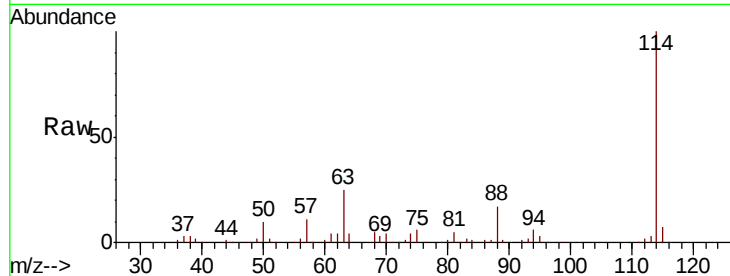




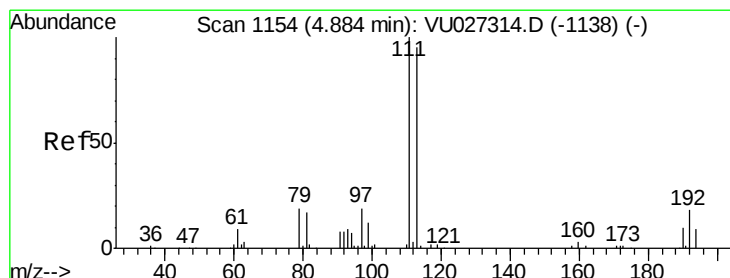
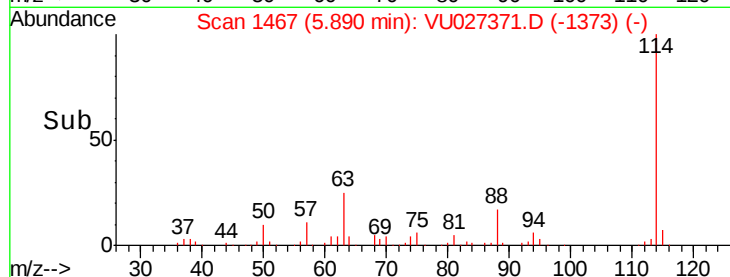
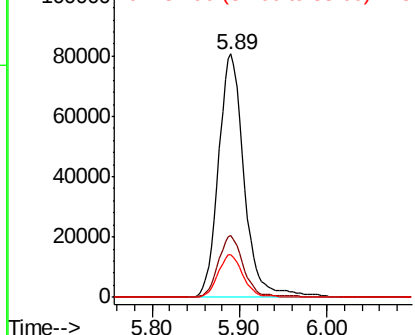
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

Tgt Ion:114 Resp: 164617
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.5 0.0 33.8

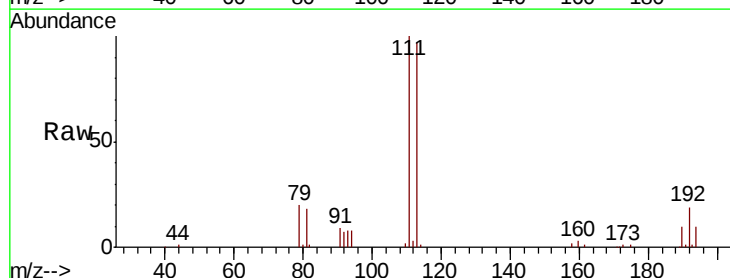


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

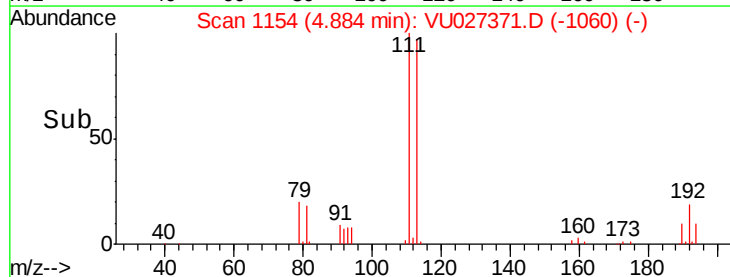
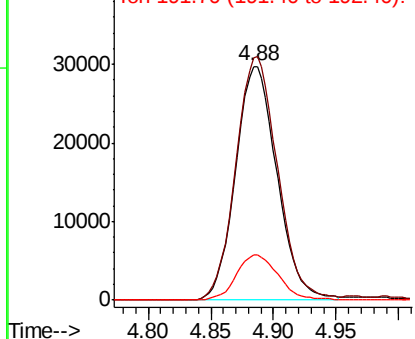


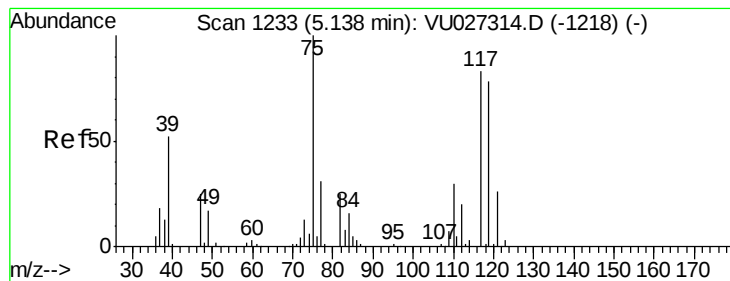
#35
 Dibromofluoromethane
 Concen: 60.613 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

Tgt Ion:113 Resp: 68382
 Ion Ratio Lower Upper
 113 100
 111 104.8 83.1 124.7
 192 19.5 15.4 23.0



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: 4.681 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW16S-GWDL

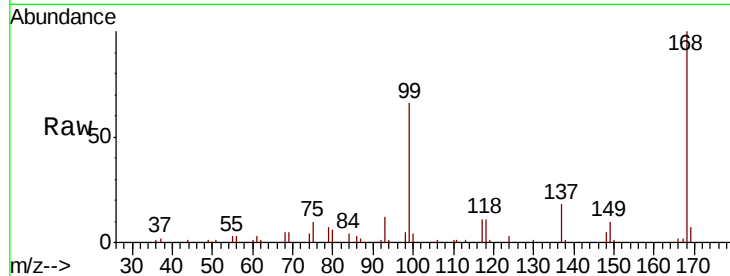
Tgt Ion: 75 Resp: 8366

Ion Ratio Lower Upper

75 100

110 3.9 15.5 46.5#

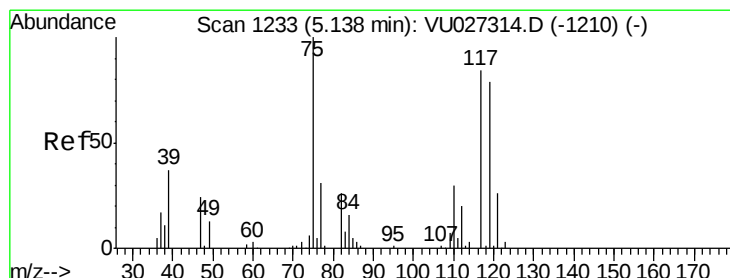
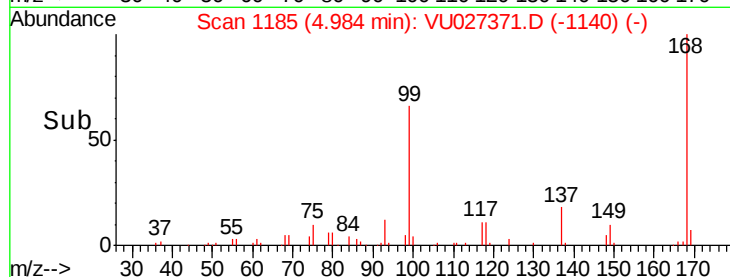
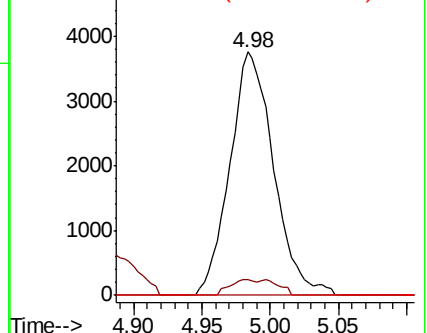
77 0.0 25.4 38.0#



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: 6.209 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

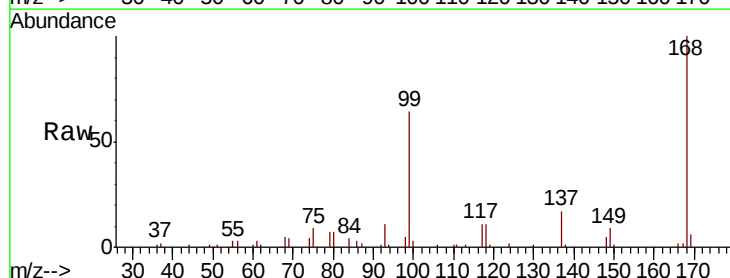
Tgt Ion: 117 Resp: 10024

Ion Ratio Lower Upper

117 100

119 5.4 74.5 111.7#

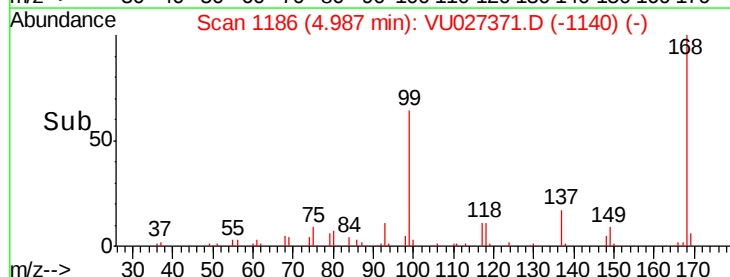
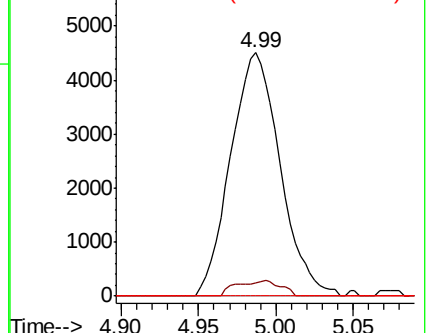
121 0.0 24.6 37.0#

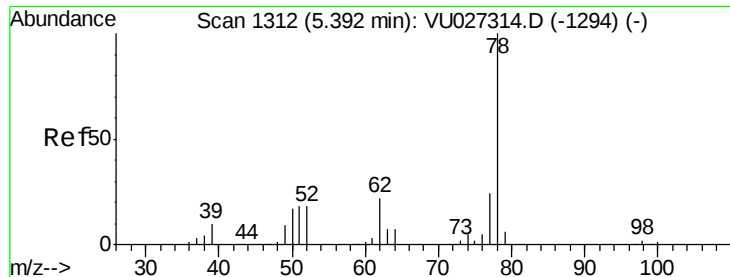


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.455 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

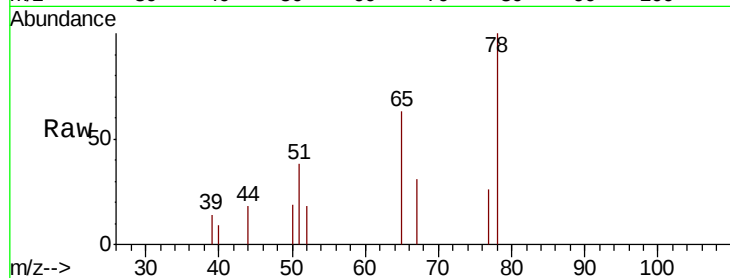
QNWP8-MW16S-GWDL

Tgt Ion: 78 Resp: 2367

Ion Ratio Lower Upper

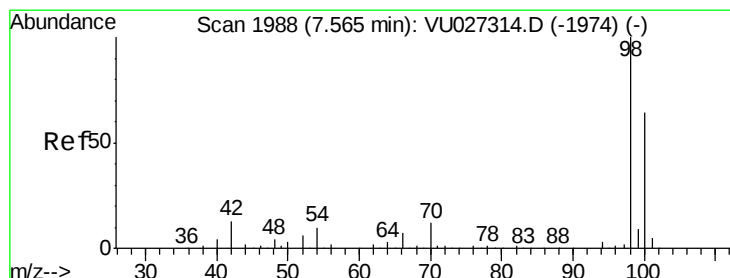
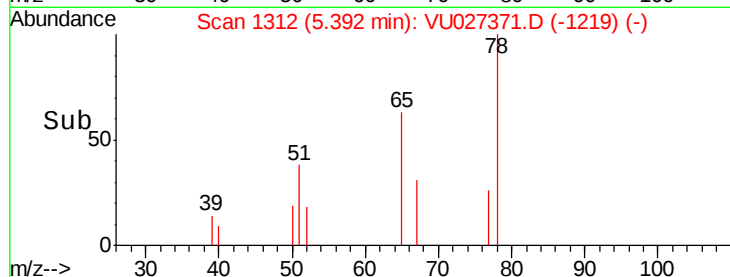
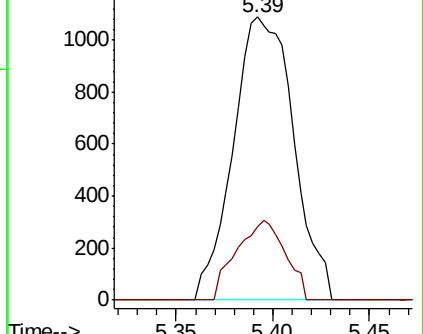
78 100

77 26.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 60.253 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027371.D

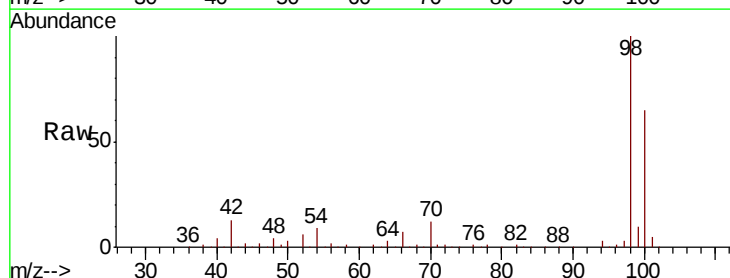
Acq: 03 Oct 2018 21:29

Tgt Ion: 98 Resp: 254412

Ion Ratio Lower Upper

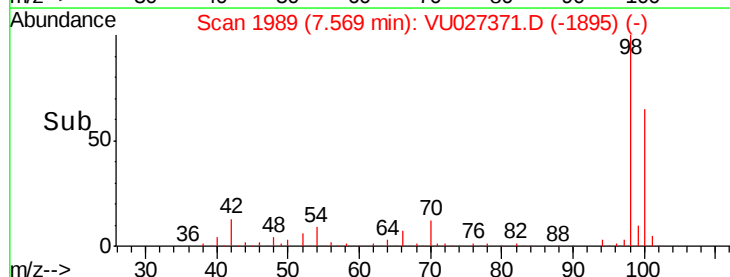
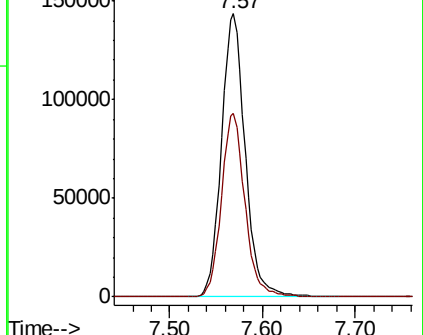
98 100

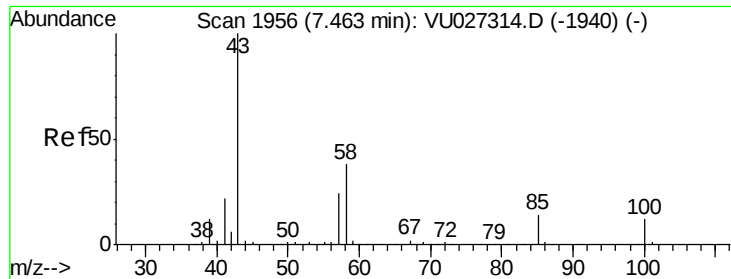
100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

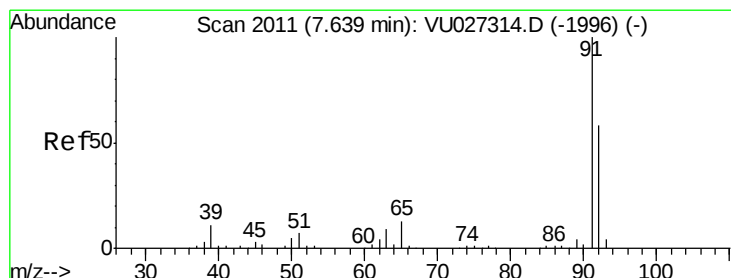
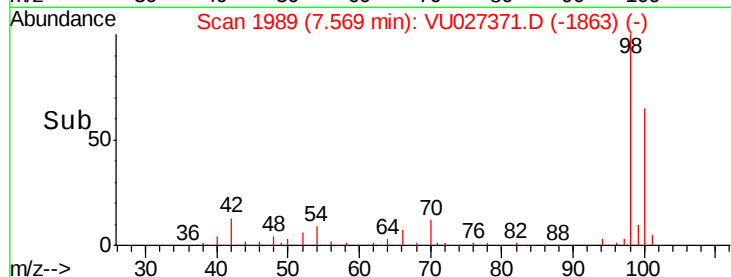
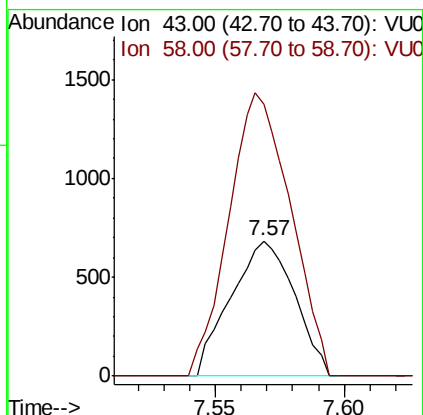
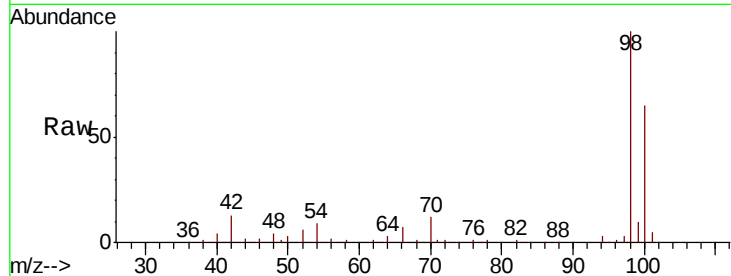




#51
 4-Methyl-2-Pentanone
 Concen: 0.506 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

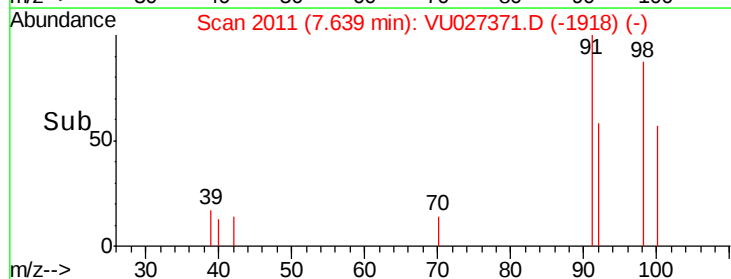
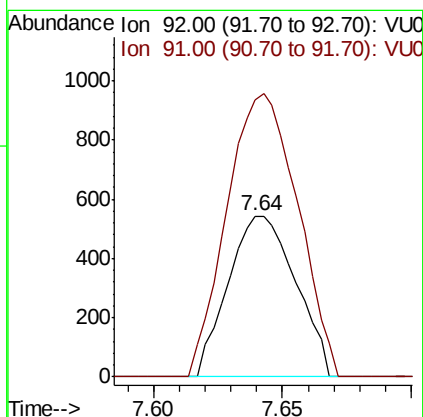
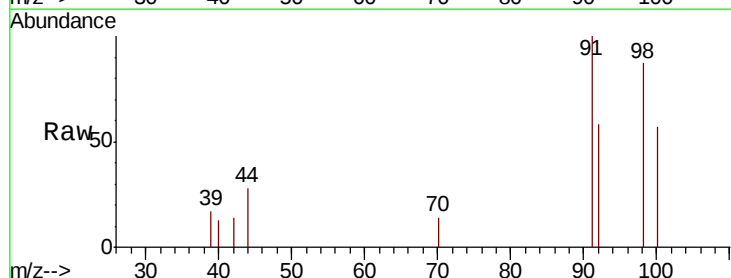
Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

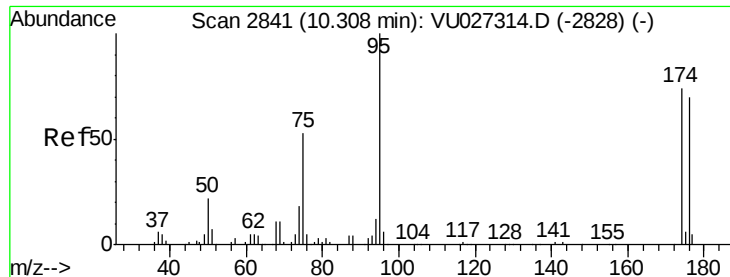
Tgt Ion: 43 Resp: 1179
 Ion Ratio Lower Upper
 43 100
 58 203.1 29.8 44.8#



#52
 Toluene
 Concen: 0.320 ug/l
 RT: 7.64 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

Tgt Ion: 92 Resp: 986
 Ion Ratio Lower Upper
 92 100
 91 185.2 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 52.775 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW16S-GWDL

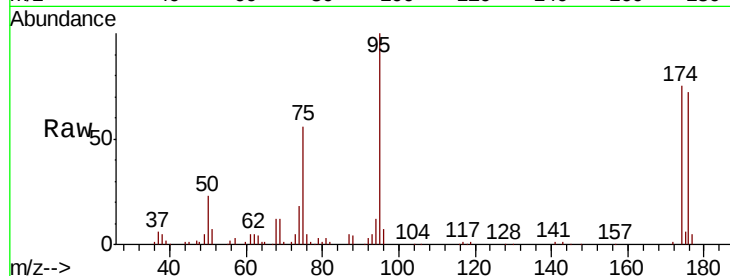
Tgt Ion: 95 Resp: 82815

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.8

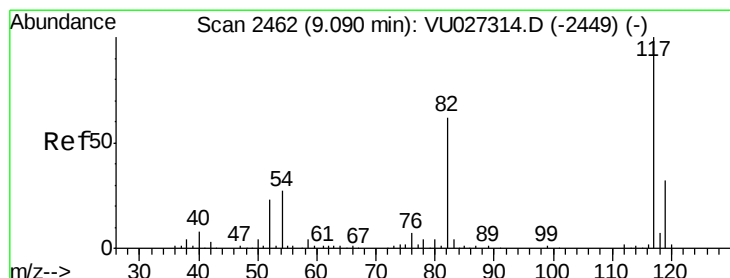
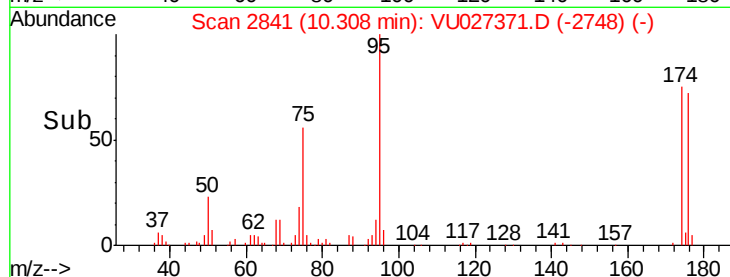
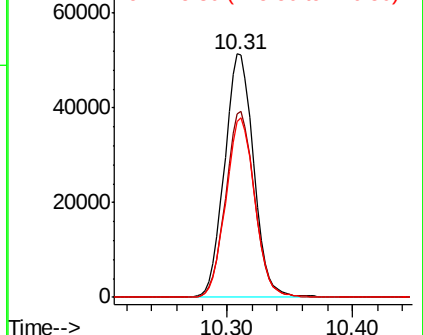
176 73.3 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

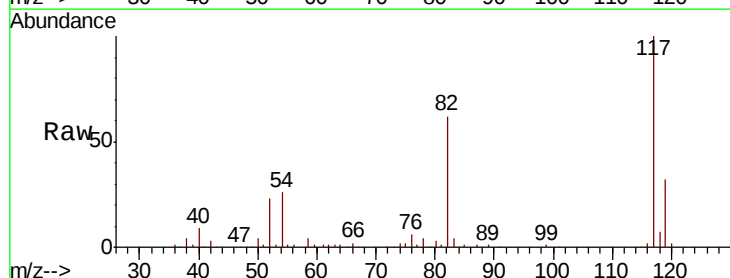
Tgt Ion: 117 Resp: 154362

Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

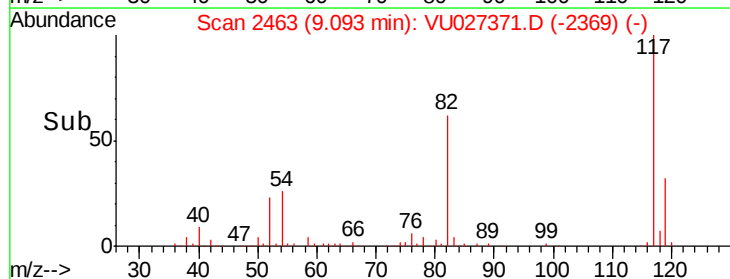
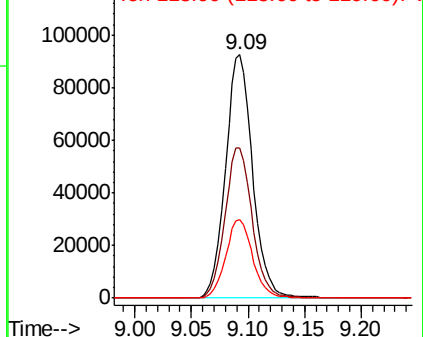
119 32.5 25.7 38.5

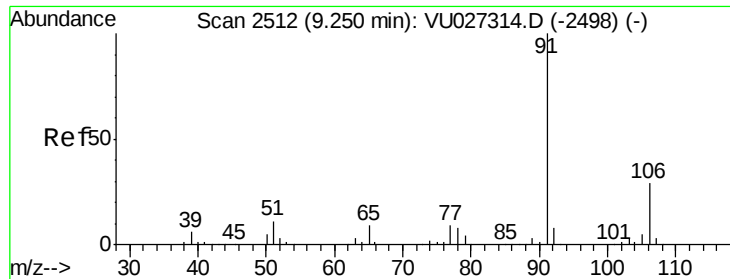


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

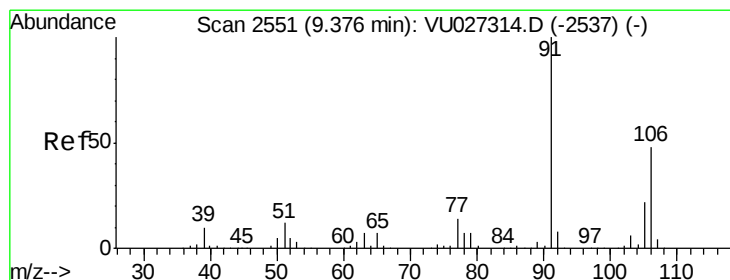
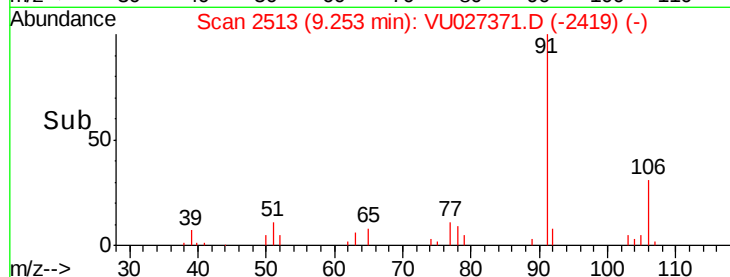
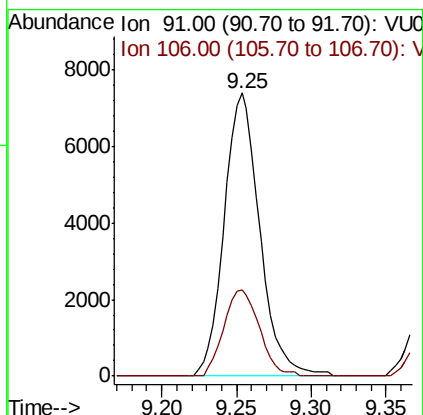
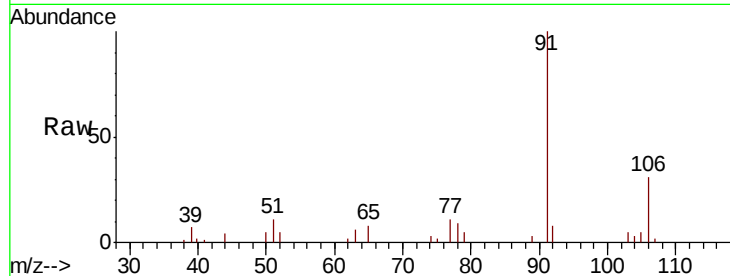




#67
Ethyl Benzene
Concen: 2.125 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

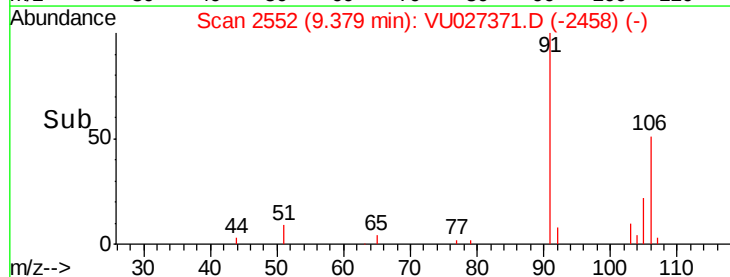
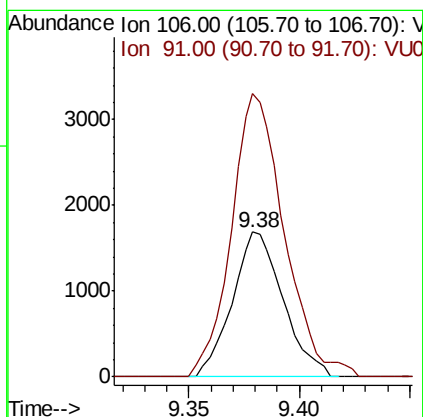
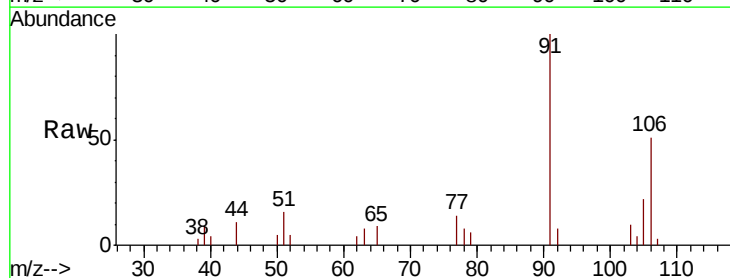
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

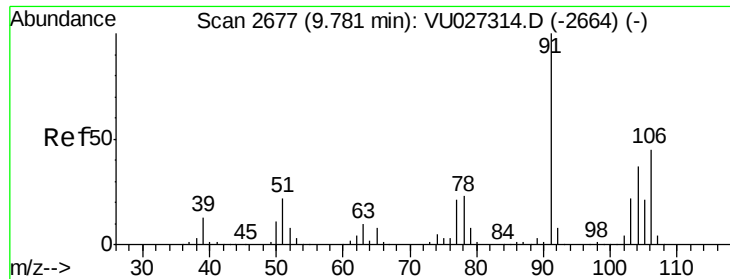
Tgt Ion: 91 Resp: 12231
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4



#68
m/p-Xylenes
Concen: 1.278 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Tgt Ion: 106 Resp: 2691
Ion Ratio Lower Upper
106 100
91 204.2 168.1 252.1

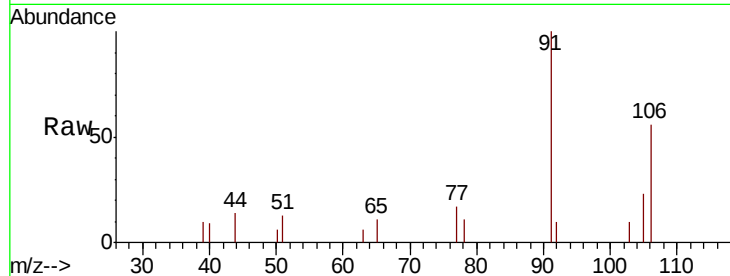




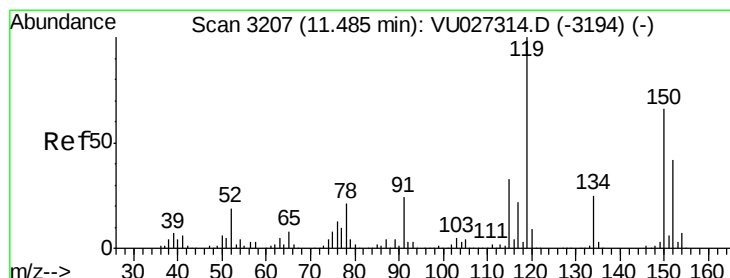
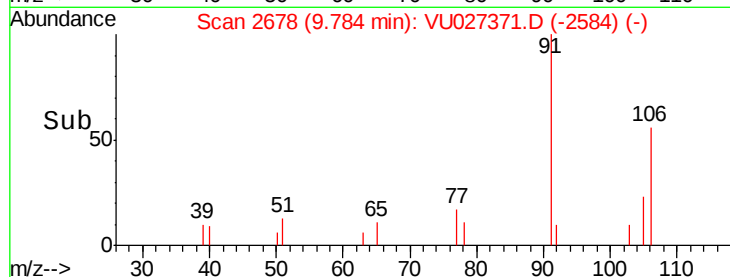
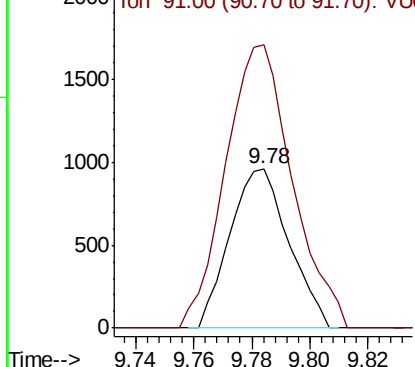
#69
o-Xylene
Concen: 0.676 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Tgt Ion:106 Resp: 1353
Ion Ratio Lower Upper
106 100
91 201.3 111.7 334.9

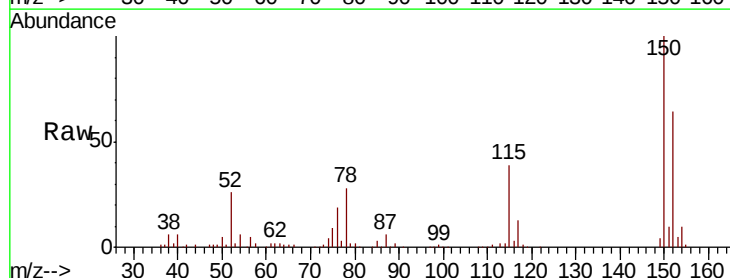


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

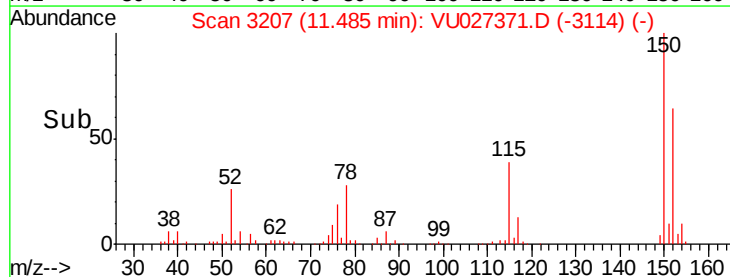
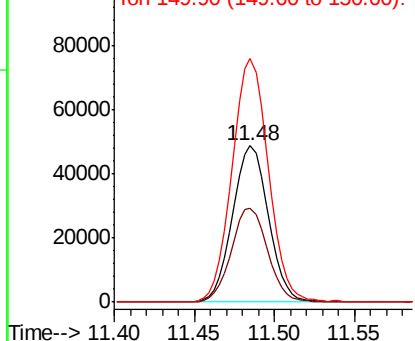


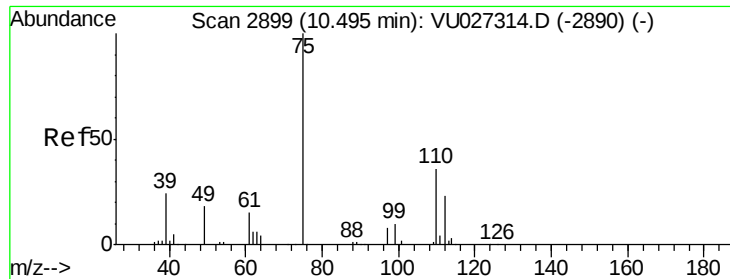
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Tgt Ion:152 Resp: 74572
Ion Ratio Lower Upper
152 100
115 61.1 43.4 130.2
150 157.5 0.0 349.2



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: 23.428 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

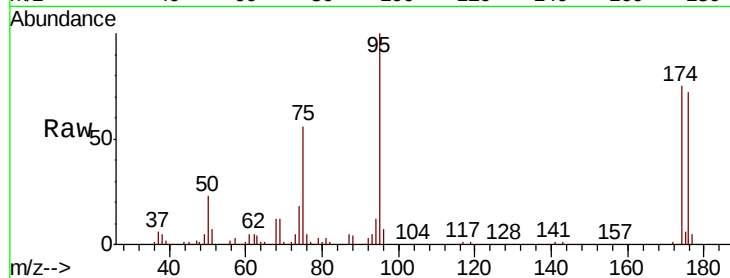
QNWP8-MW16S-GWDL

Tgt Ion: 75 Resp: 45288

Ion Ratio Lower Upper

75 100

77 1.2 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027314.D (-2890) (-)

10.31

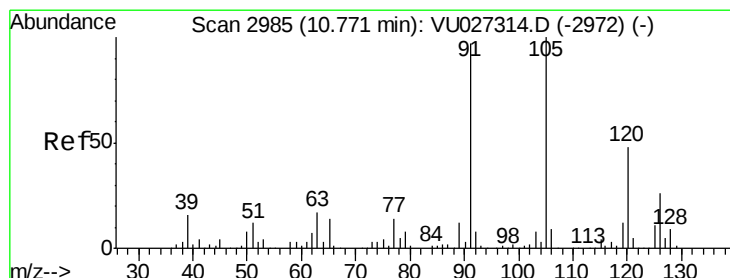
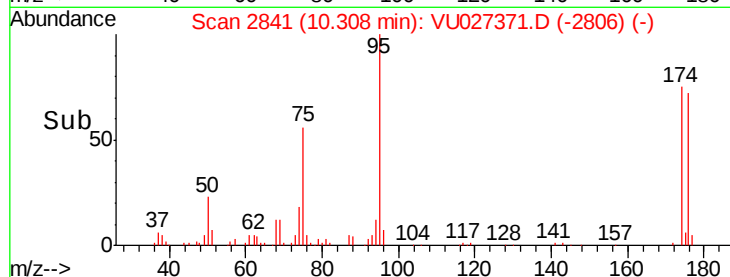
30000

20000

10000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.425 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027371.D

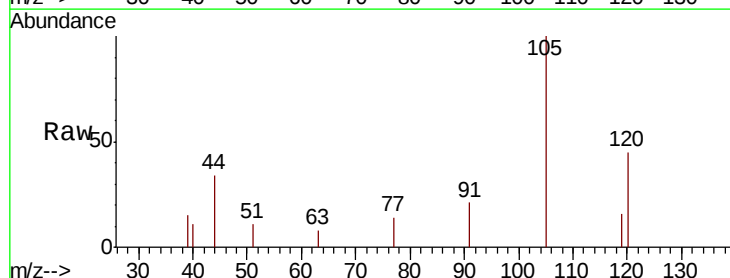
Acq: 03 Oct 2018 21:29

Tgt Ion: 105 Resp: 1876

Ion Ratio Lower Upper

105 100

120 46.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027314.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027314.D (-2972) (-)

10.77

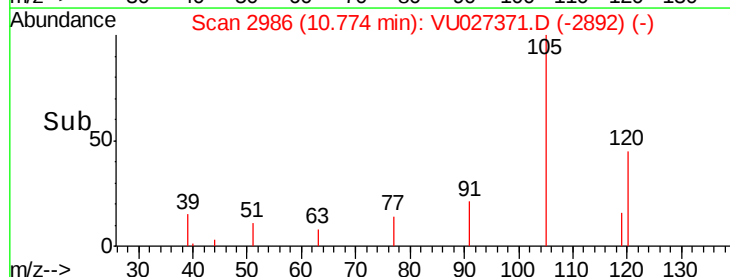
1500

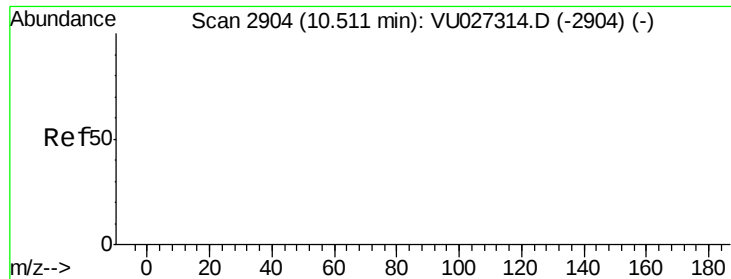
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 61.313 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW16S-GWDL

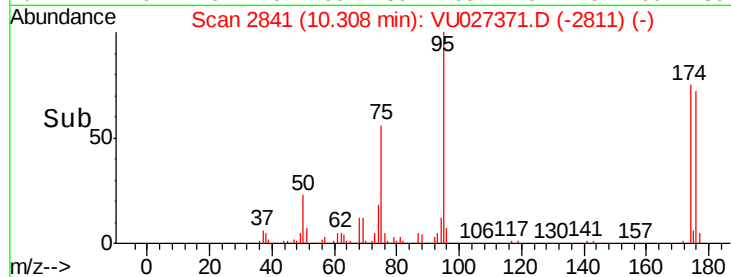
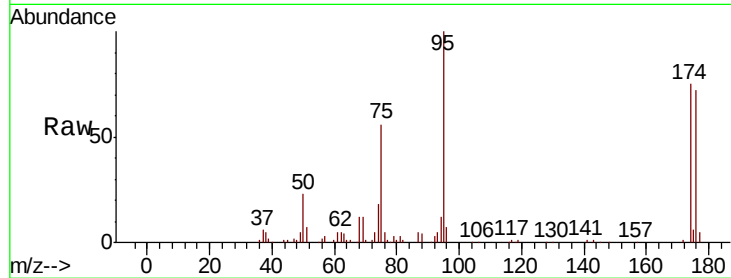
Tgt Ion: 75 Resp: 45288

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

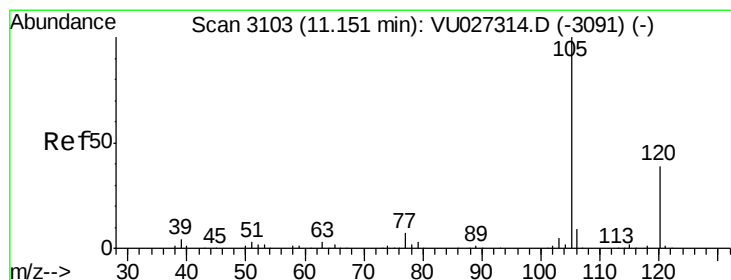
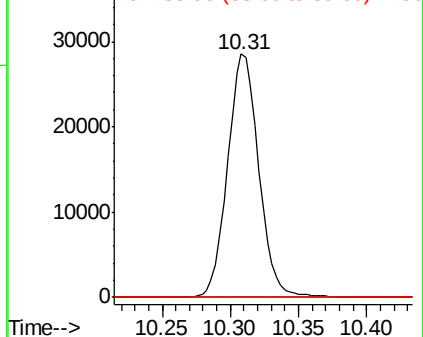
89 0.0 0.0 0.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.016 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. -0.00 min

Lab File: VU027371.D

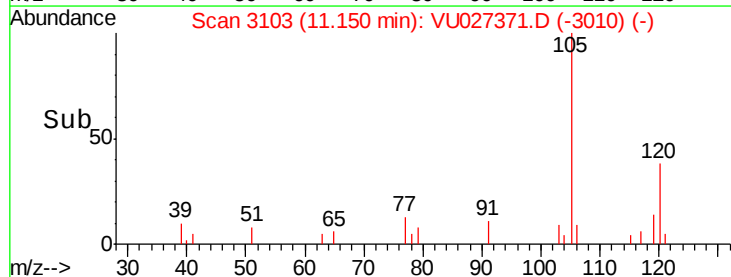
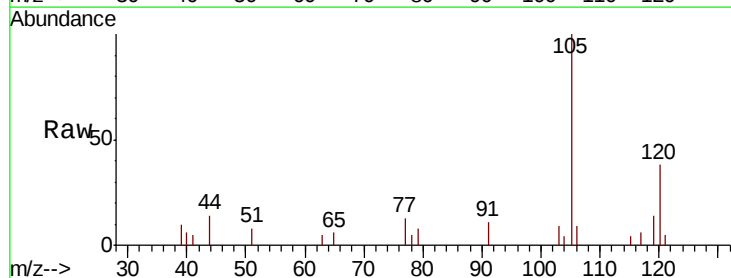
Acq: 03 Oct 2018 21:29

Tgt Ion: 105 Resp: 4577

Ion Ratio Lower Upper

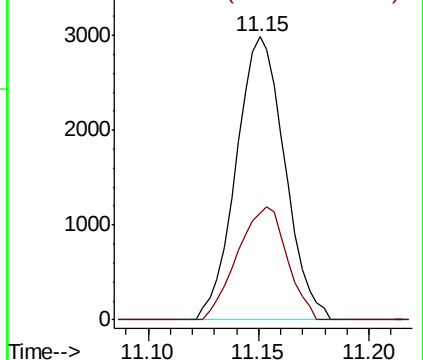
105 100

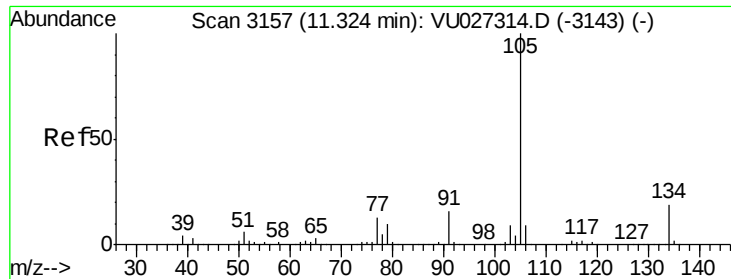
120 40.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

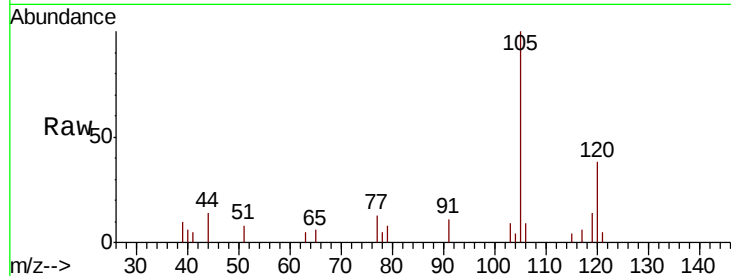




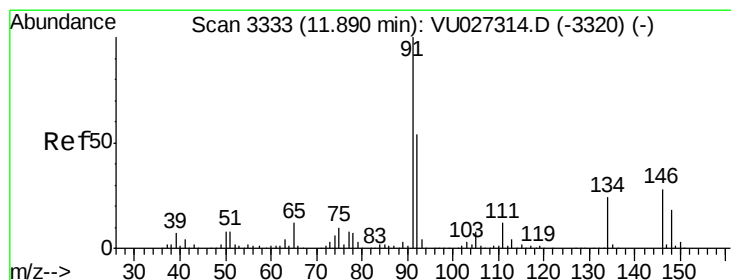
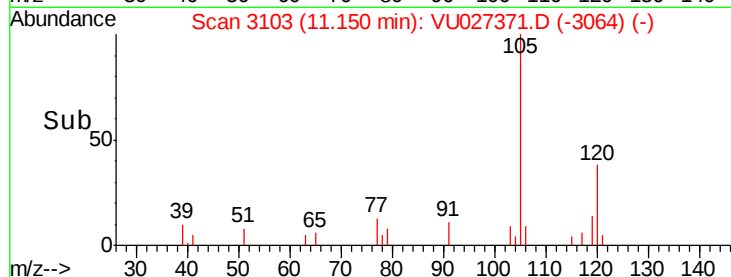
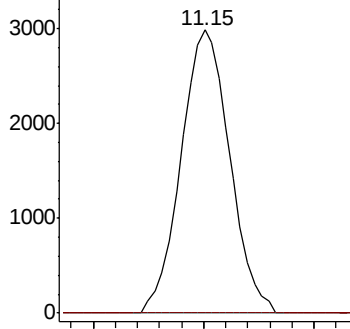
#85
 sec-Butylbenzene
 Concen: 0.852 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.17 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

Tgt Ion: 105 Resp: 4577
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

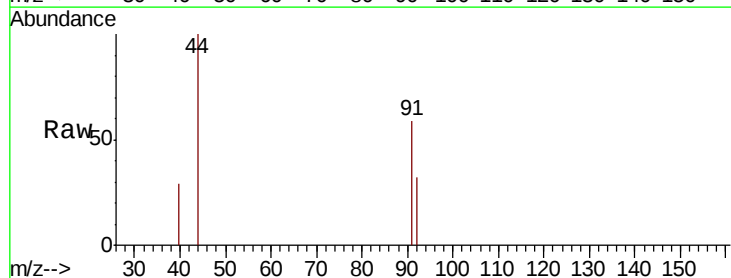


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

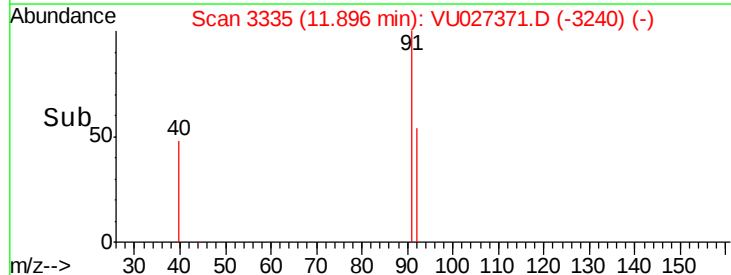
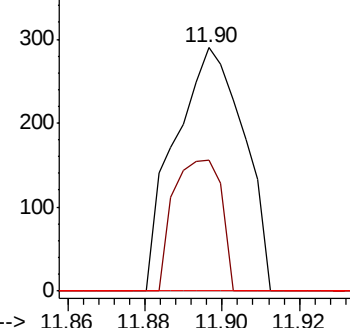


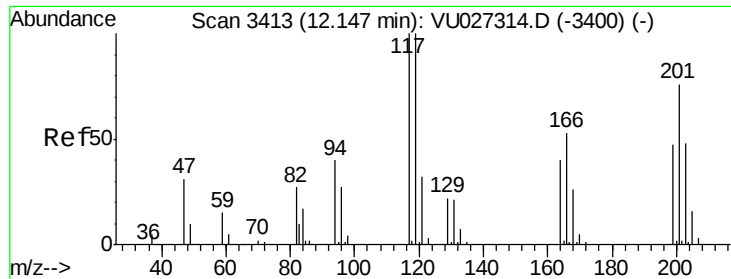
#89
 n-Butylbenzene
 Concen: 2.020 ug/l
 RT: 11.90 min Scan# 3335
 Delta R.T. 0.01 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

Tgt Ion: 91 Resp: 358
 Ion Ratio Lower Upper
 91 100
 92 37.4 27.0 81.0
 134 0.0 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

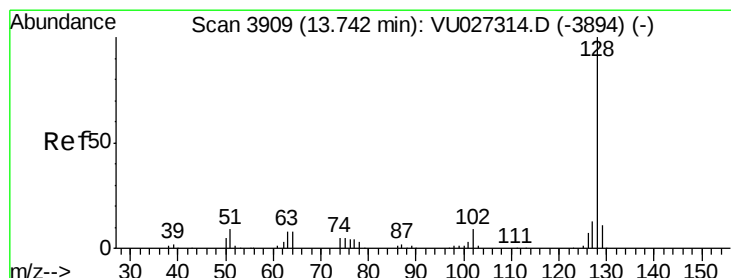
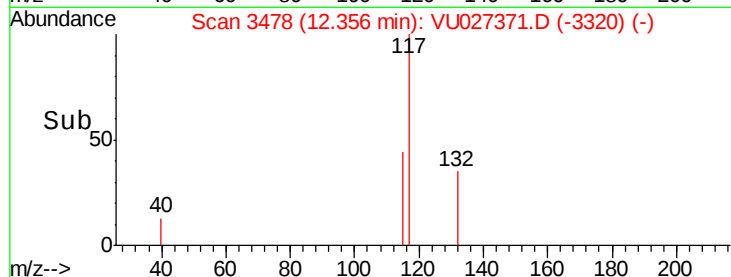
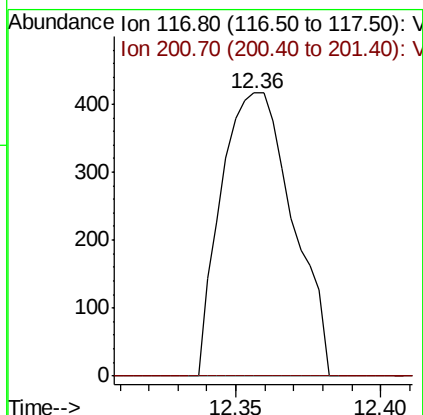
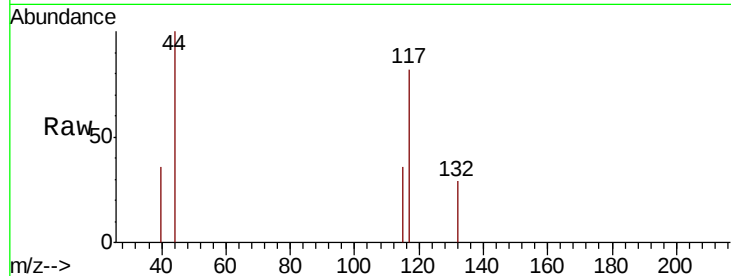




#90
Hexachloroethane
Concen: 0.823 ug/l
RT: 12.36 min Scan# 3478
Delta R.T. 0.21 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Tgt Ion:117 Resp: 713
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#



#95
Naphthalene
Concen: 41.006 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Tgt Ion:128 Resp: 229447
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.6 12.8

