

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027105.D
 Acq On : 24 Sep 2018 13:49
 Operator : MD/SY
 Sample : J4969-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW129I-20180917

Quant Time: Sep 25 01:34:55 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	91865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	155645	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70300	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	97971	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.98%		
35) Dibromofluoromethane	4.89	113	66753	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.96%		
50) Toluene-d8	7.57	98	254098	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.84%		
62) 4-Bromofluorobenzene	10.31	95	82451	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.46%		

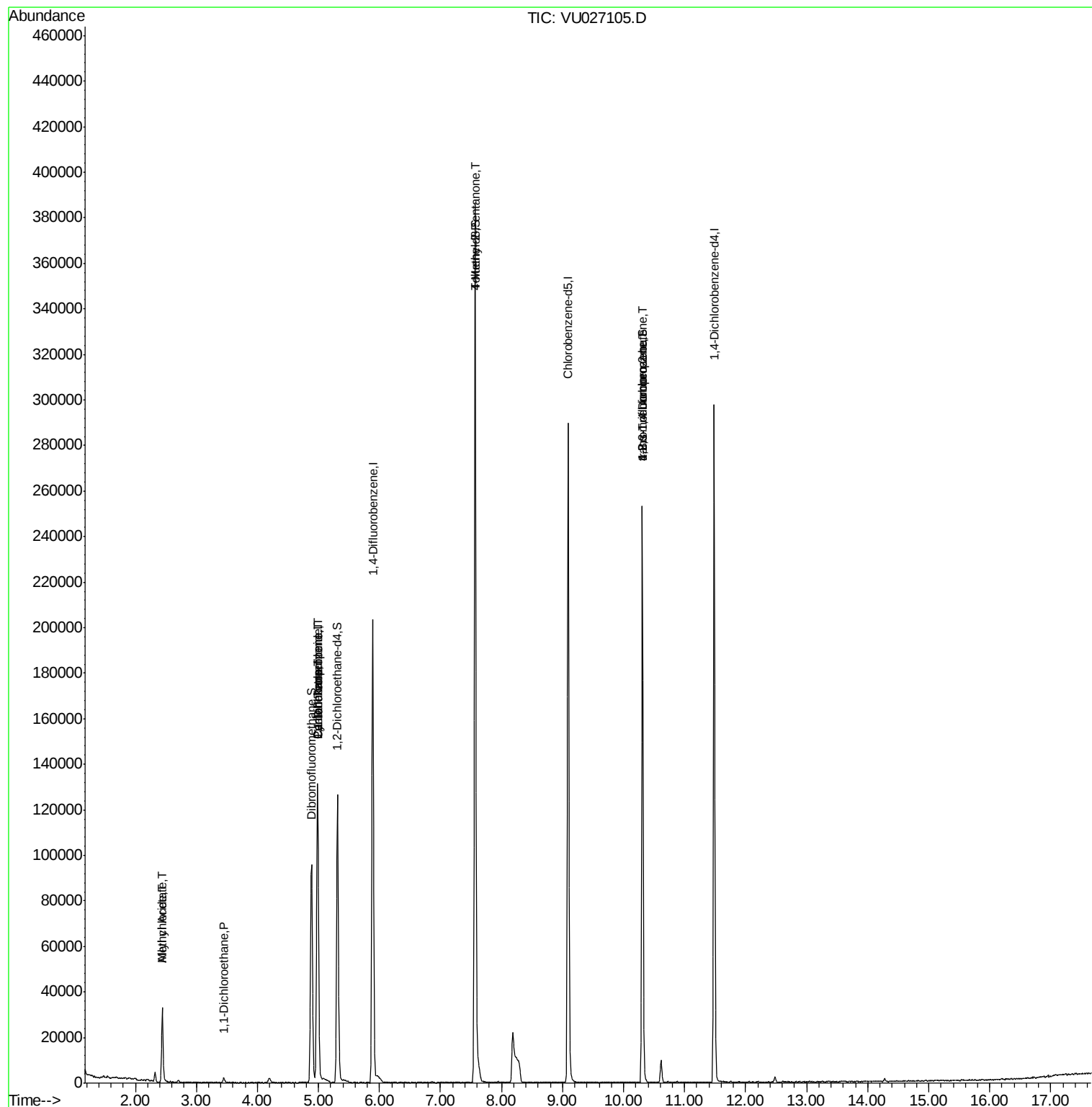
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	2.44	41	3188	1.239	ug/l #	68
16) Acetone	2.32	43	4632	Below Cal		94
18) Methyl Acetate	2.44	43	8428	3.203	ug/l #	55
24) 1,1-Dichloroethane	3.45	63	2948	0.972	ug/l #	84
31) Cyclohexane	4.98	56	2441	0.314	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8612	4.146	ug/l #	51
38) Carbon Tetrachloride	4.98	117	9554	4.833	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1277	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44990	21.066	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	44990	67.414	ug/l #	100

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

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027105.D

Acq: 24 Sep 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

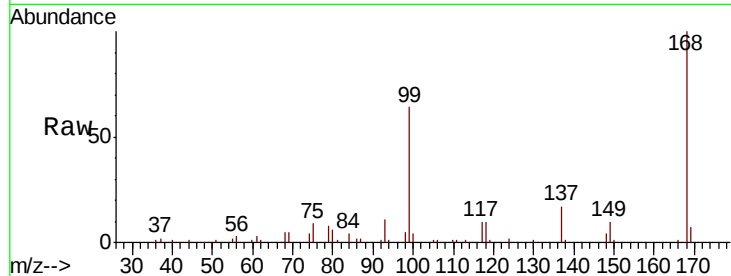
SA-MW129I-20180917

Tgt Ion:168 Resp: 91865

Ion Ratio Lower Upper

168 100

99 63.6 48.1 72.1



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

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

4.99

40000

30000

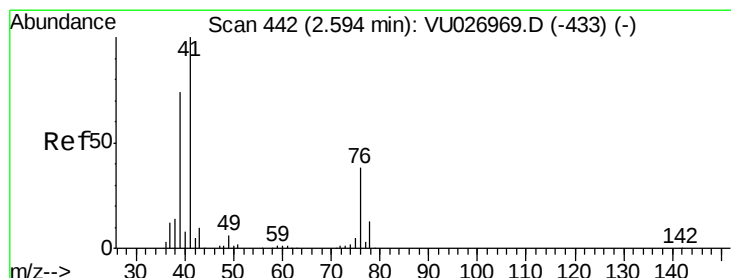
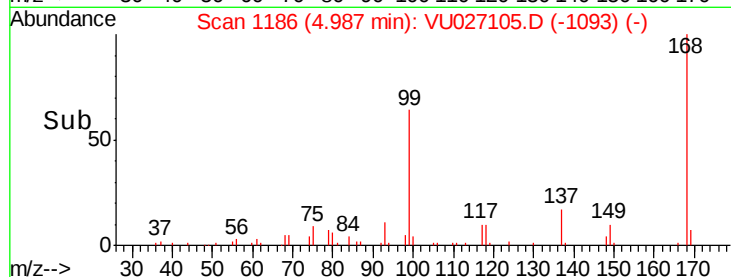
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#14

Allyl chloride

Concen: 1.239 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.15 min

Lab File: VU027105.D

Acq: 24 Sep 2018 13:49

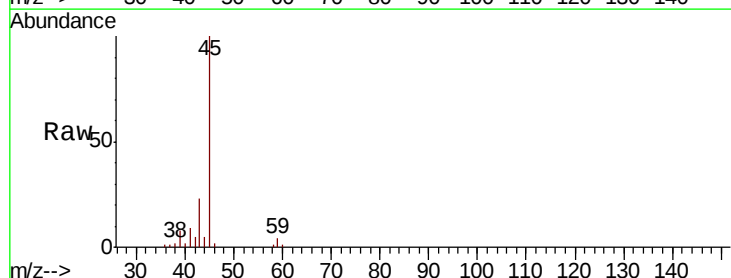
Tgt Ion: 41 Resp: 3188

Ion Ratio Lower Upper

41 100

39 85.8 55.7 83.5#

76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.44

2500

2000

1500

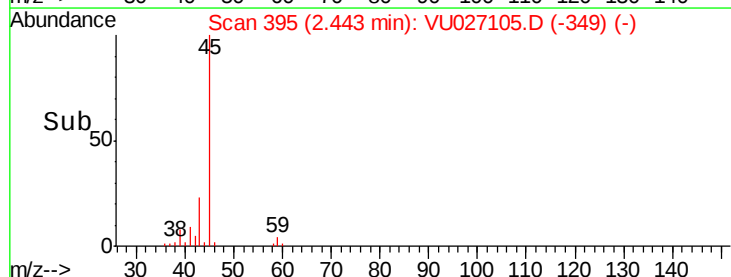
1000

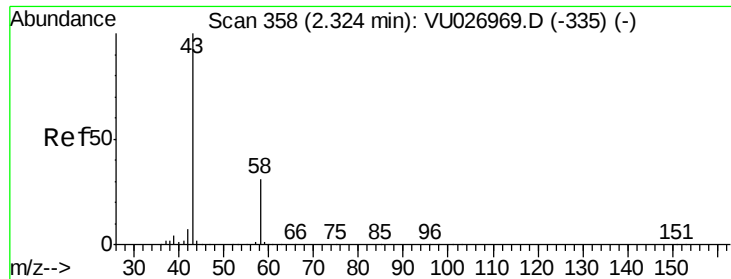
500

0

2.40 2.45 2.50

Time-->





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027105.D

Acq: 24 Sep 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

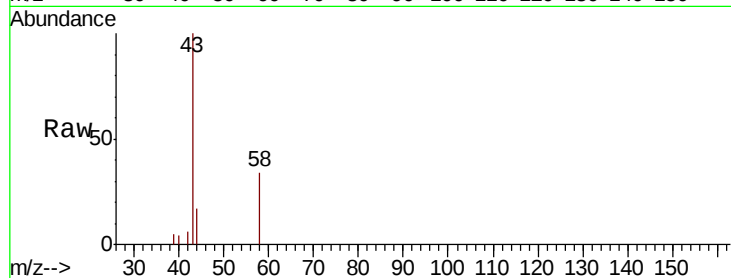
SA-MW129I-20180917

Tgt Ion: 43 Resp: 4632

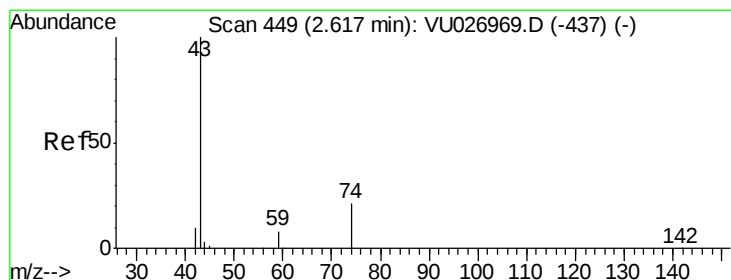
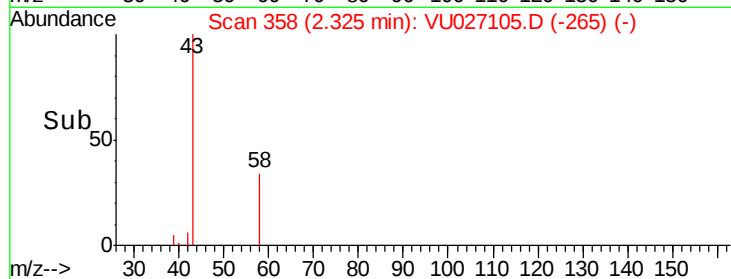
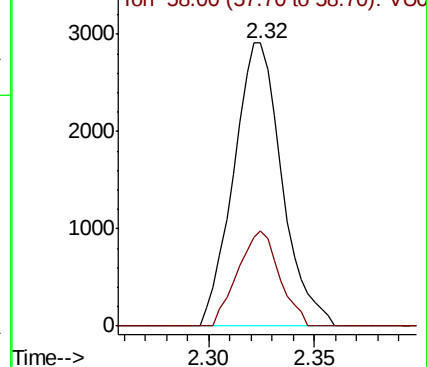
Ion Ratio Lower Upper

43 100

58 33.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)



#18

Methyl Acetate

Concen: 3.203 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.18 min

Lab File: VU027105.D

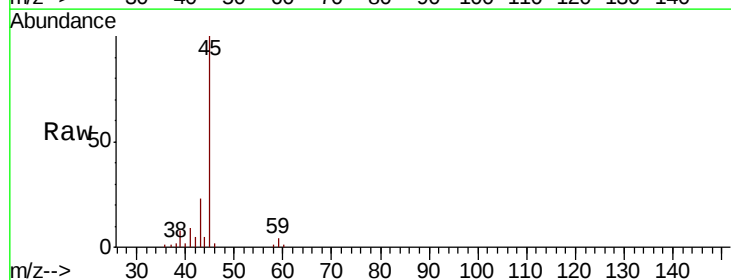
Acq: 24 Sep 2018 13:49

Tgt Ion: 43 Resp: 8428

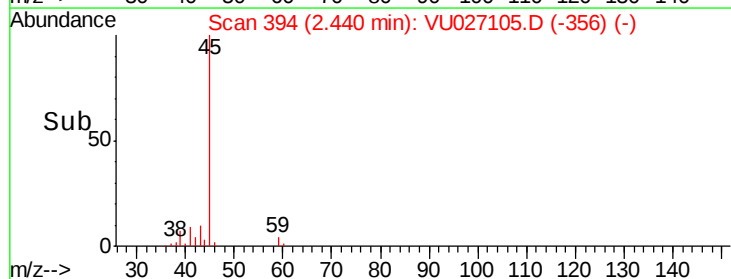
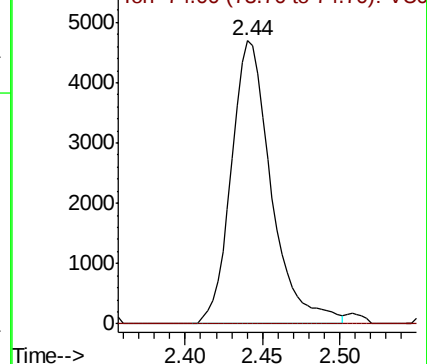
Ion Ratio Lower Upper

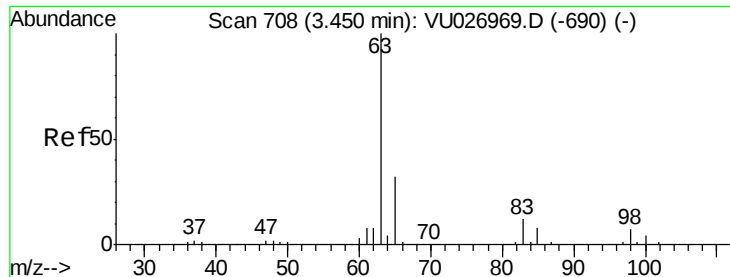
43 100

74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

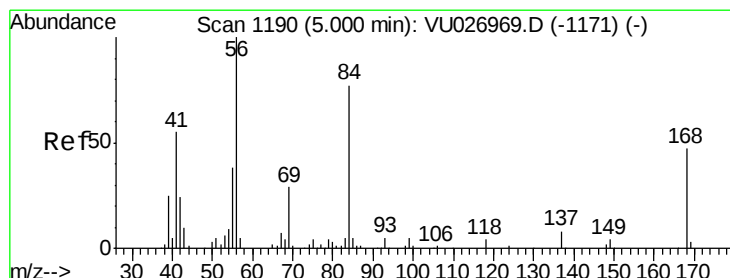
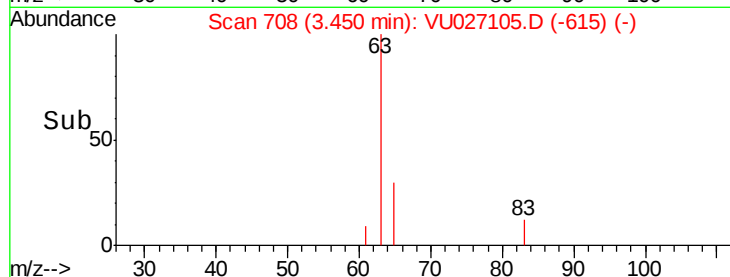
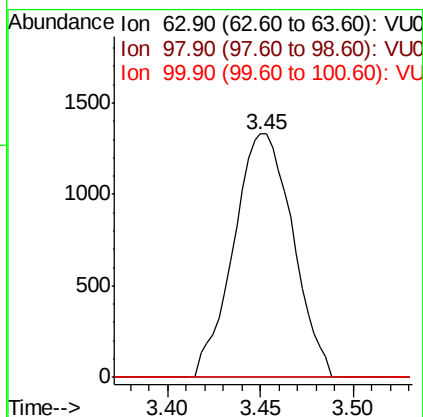
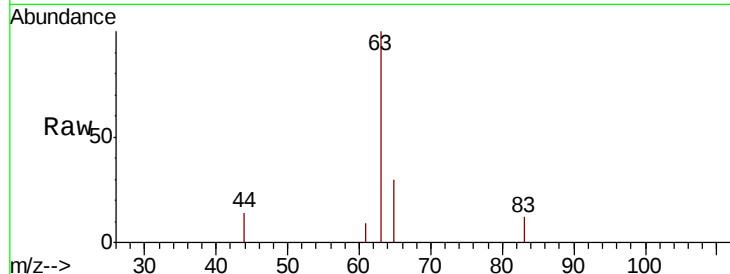




#24
 1,1-Dichloroethane
 Concen: 0.972 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027105.D
 Acq: 24 Sep 2018 13:49

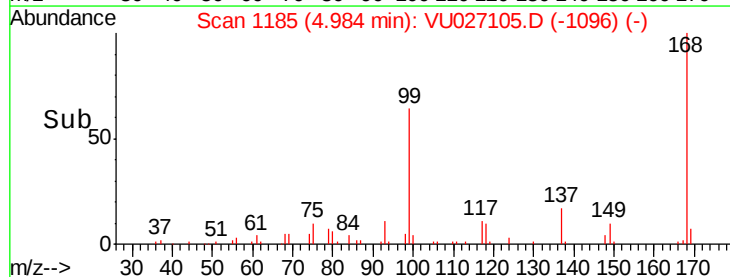
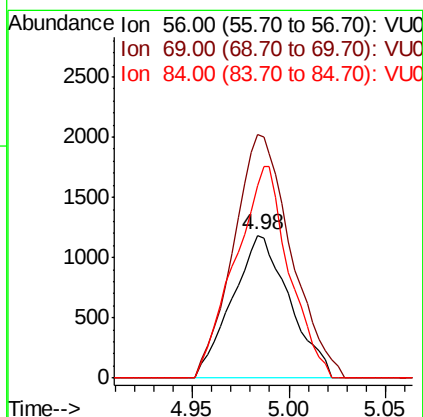
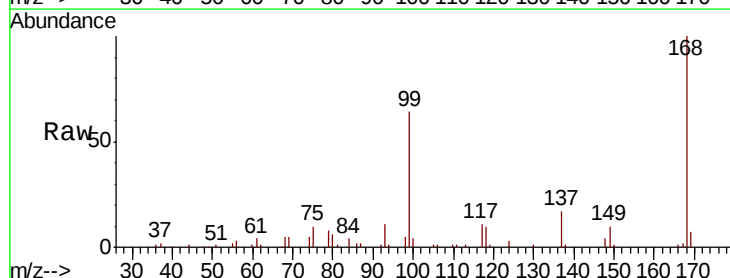
Instrument :
 MSVOA_U
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 SA-MW129I-20180917

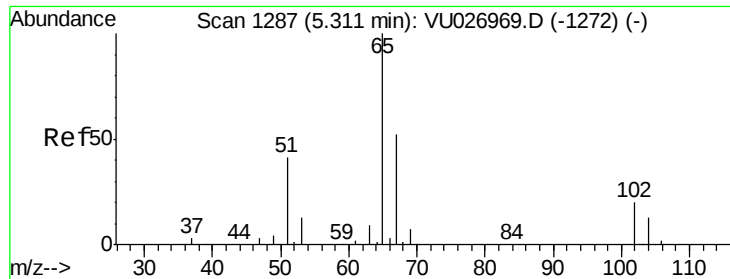
Tgt Ion: 63 Resp: 2948
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.0 5.8#



#31
 Cyclohexane
 Concen: 0.314 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: VU027105.D
 Acq: 24 Sep 2018 13:49

Tgt Ion: 56 Resp: 2441
 Ion Ratio Lower Upper
 56 100
 69 170.8 23.0 34.4#
 84 134.6 61.4 92.2#

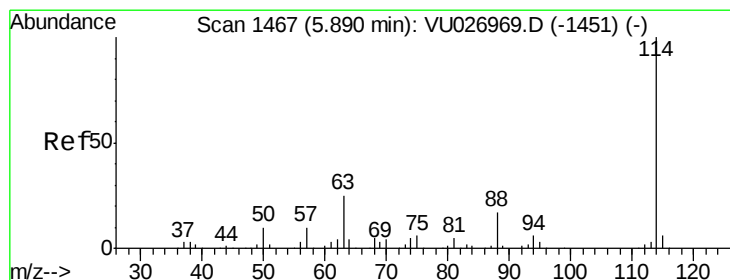
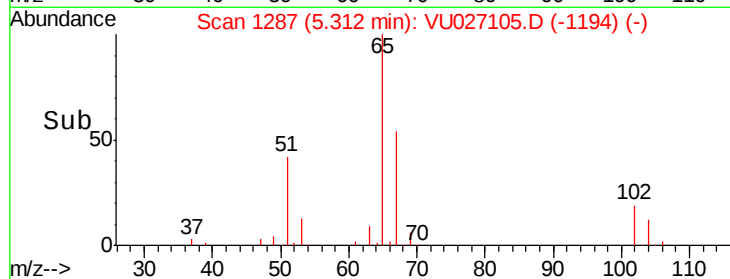
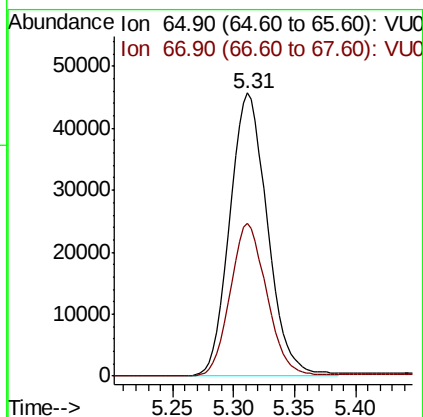
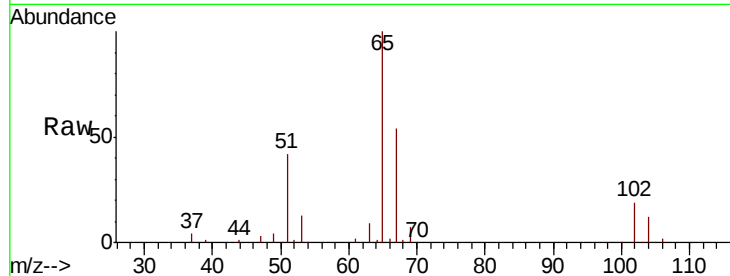




#33
 1,2-Dichloroethane-d4
 Concen: 52.988 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027105.D
 Acq: 24 Sep 2018 13:49

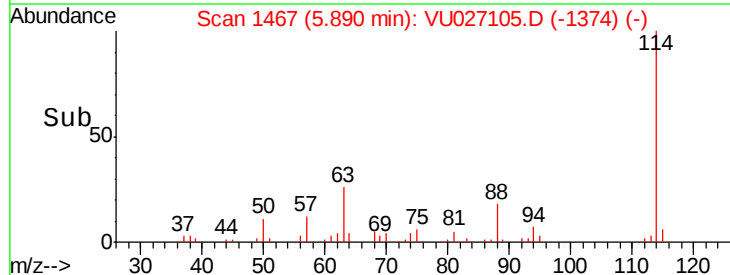
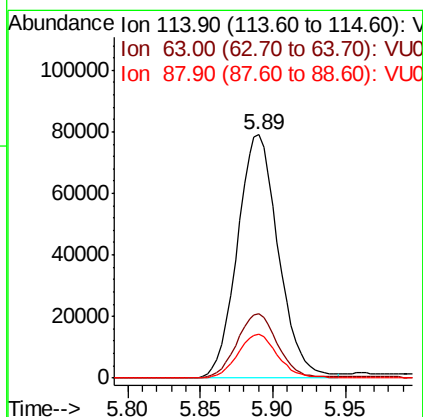
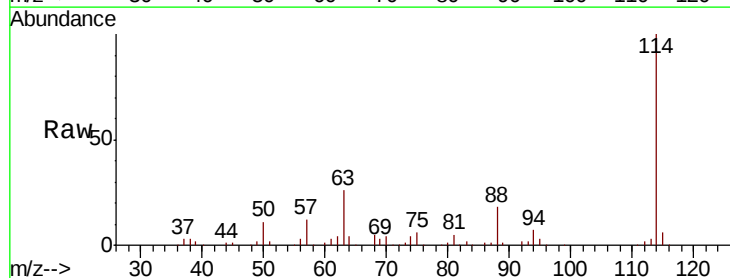
Instrument :
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 ClientSampleId :
 SA-MW129I-20180917

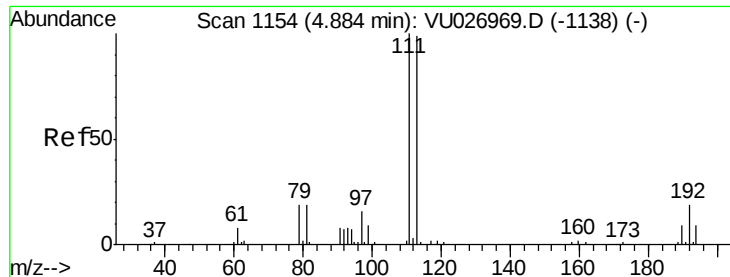
Tgt Ion: 65 Resp: 97971
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027105.D
 Acq: 24 Sep 2018 13:49

Tgt Ion: 114 Resp: 155645
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 49.2
 88 17.8 0.0 33.8

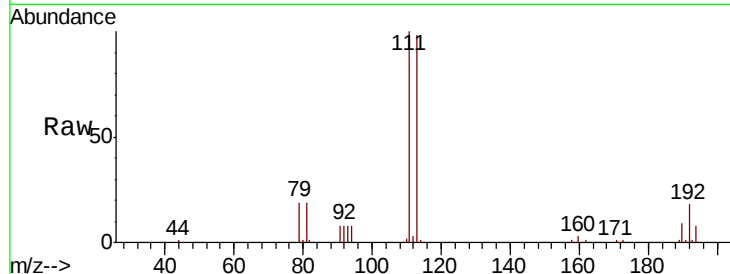




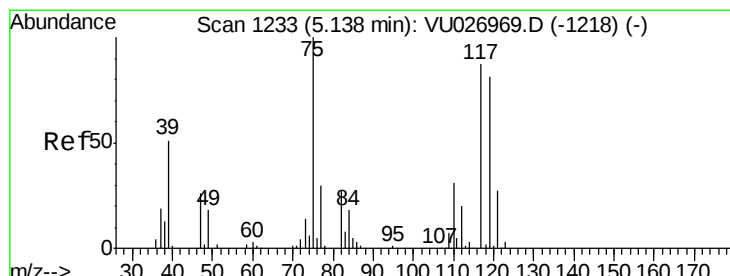
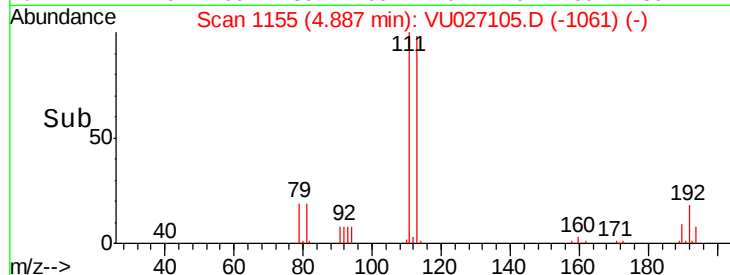
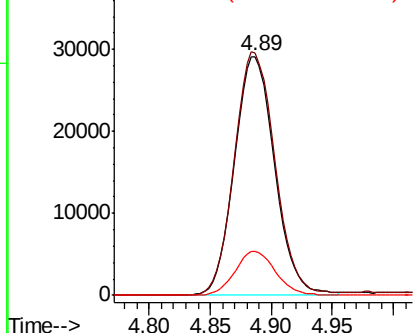
#35
 Dibromofluoromethane
 Concen: 49.478 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027105.D
 Acq: 24 Sep 2018 13:49

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW129I-20180917

Tgt Ion:113 Resp: 66753
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.2 15.2 22.8

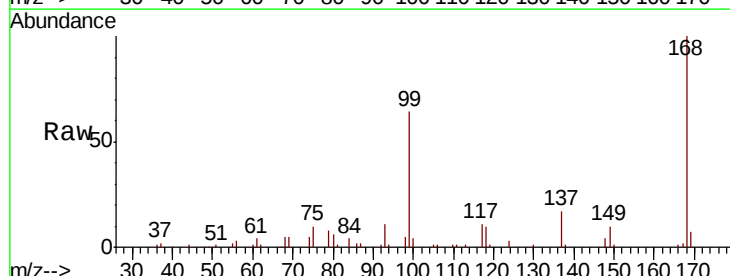


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

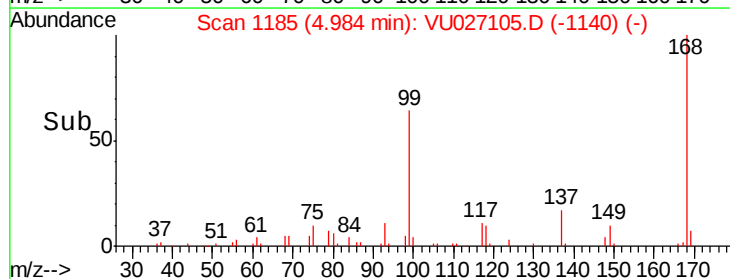
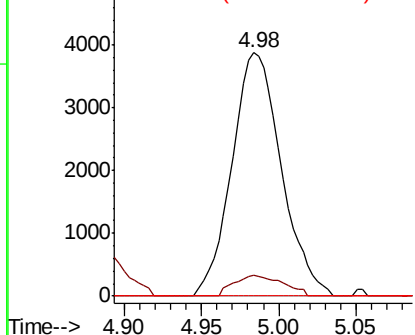


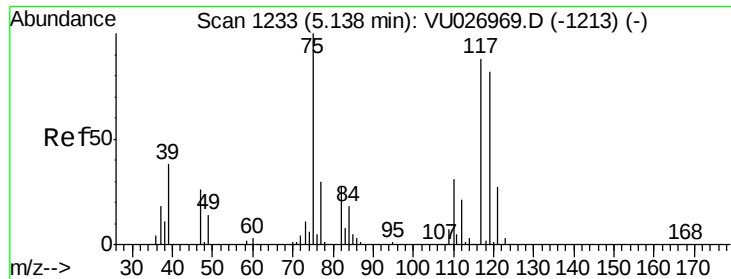
#36
 1,1-Dichloropropene
 Concen: 4.146 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027105.D
 Acq: 24 Sep 2018 13:49

Tgt Ion: 75 Resp: 8612
 Ion Ratio Lower Upper
 75 100
 110 8.4 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

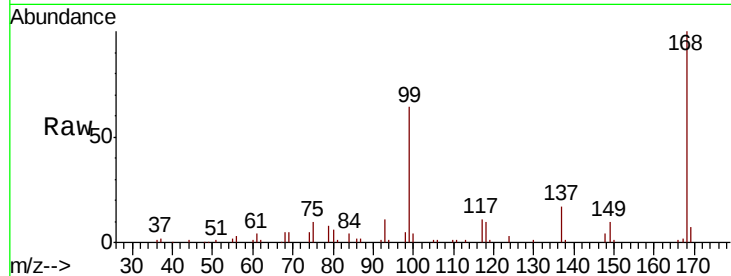




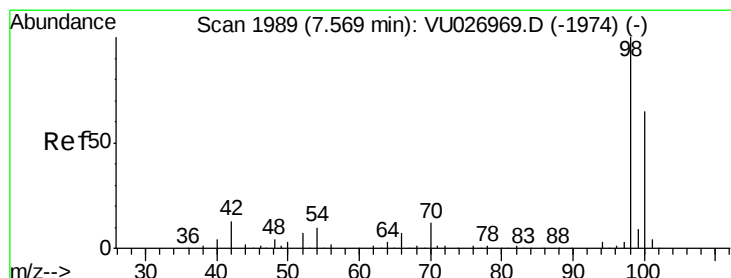
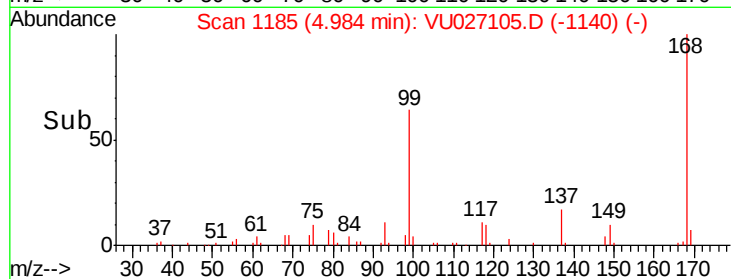
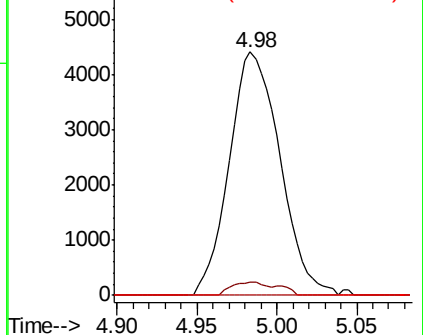
#38
Carbon Tetrachloride
Concen: 4.833 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027105.D
Acq: 24 Sep 2018 13:49

Instrument :
MSVOA_U
ClientSampleId :
SA-MW129I-20180917

Tgt Ion:117 Resp: 9554
Ion Ratio Lower Upper
117 100
119 5.3 74.4 111.6#
121 0.0 24.2 36.4#

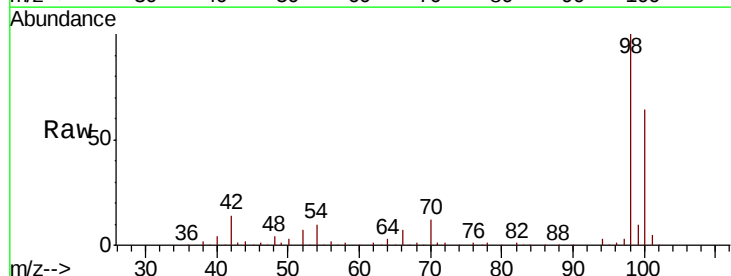


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

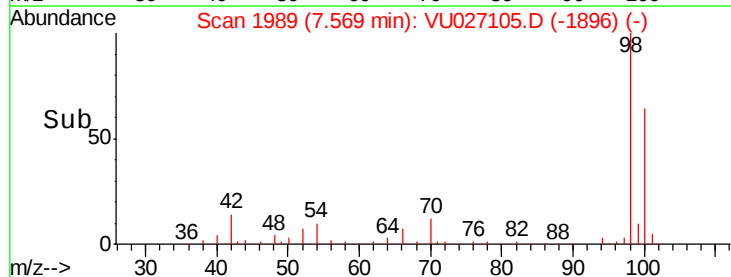
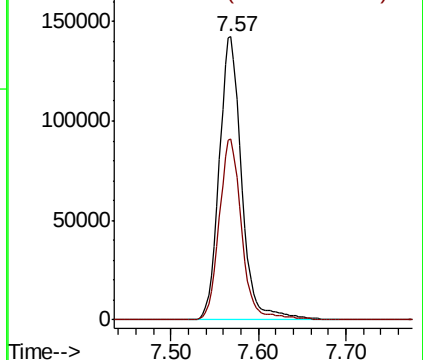


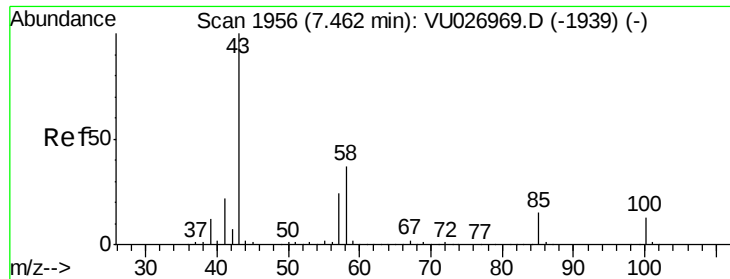
#50
Toluene-d8
Concen: 49.420 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027105.D
Acq: 24 Sep 2018 13:49

Tgt Ion: 98 Resp: 254098
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU027105.D

Acq: 24 Sep 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

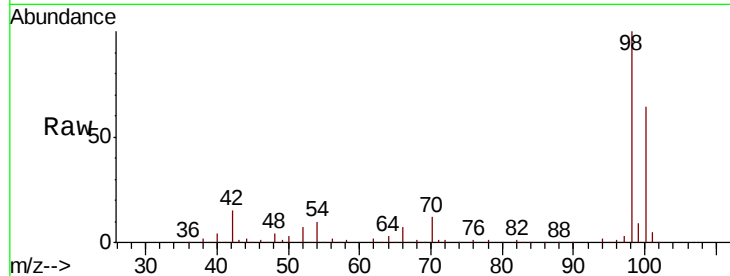
SA-MW129I-20180917

Tgt Ion: 43 Resp: 1277

Ion Ratio Lower Upper

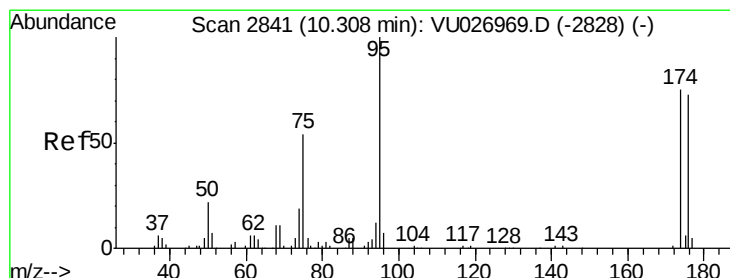
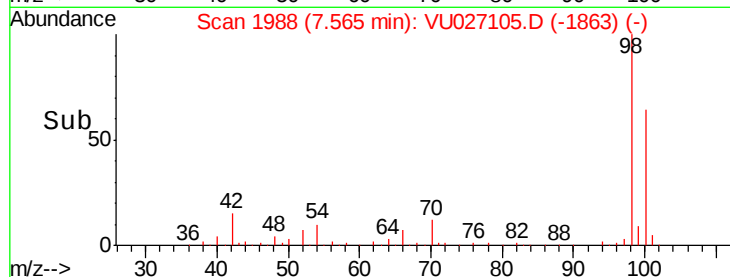
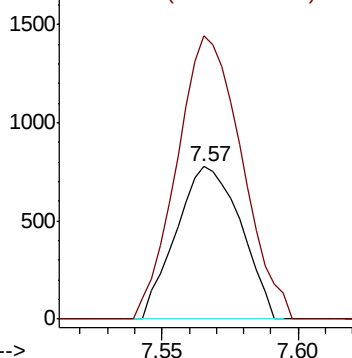
43 100

58 186.2 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 46.734 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027105.D

Acq: 24 Sep 2018 13:49

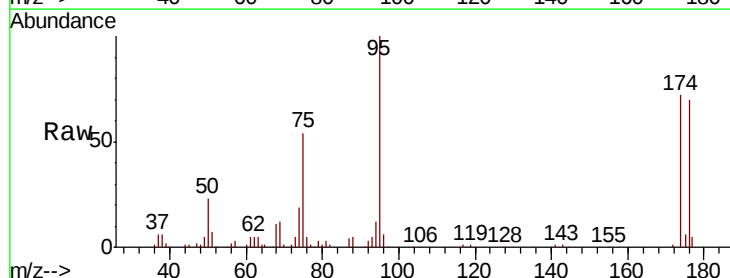
Tgt Ion: 95 Resp: 82451

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.2

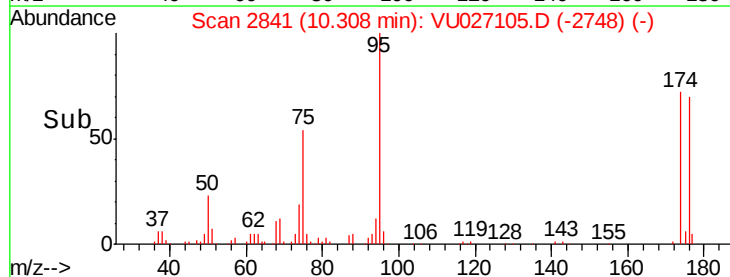
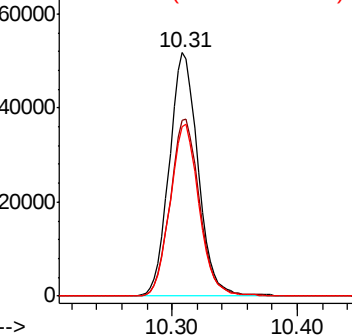
176 71.0 0.0 145.2

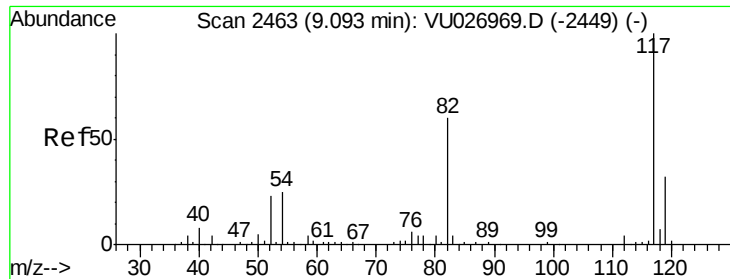


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

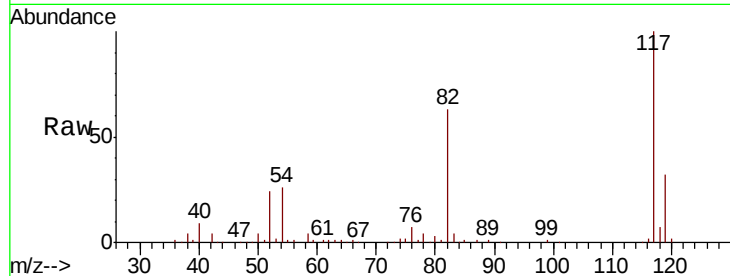




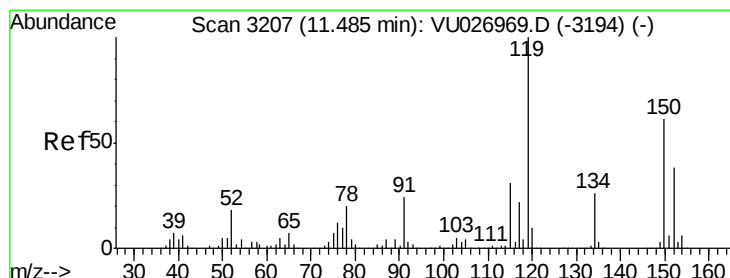
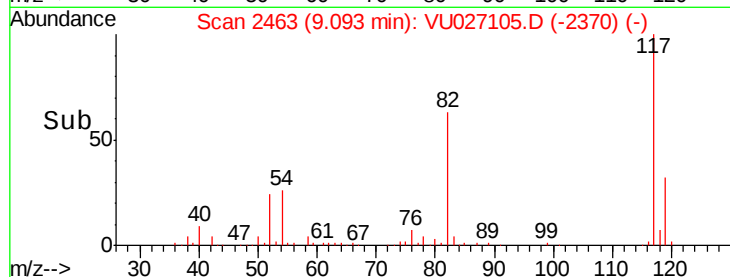
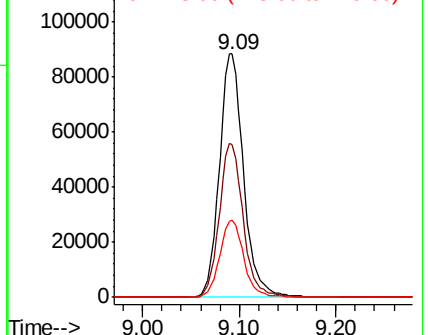
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027105.D
Acq: 24 Sep 2018 13:49

Instrument :
MSVOA_U
ClientSampleId :
SA-MW129I-20180917

Tgt Ion:117 Resp: 152854
Ion Ratio Lower Upper
117 100
82 62.8 48.0 72.0
119 31.7 25.8 38.8

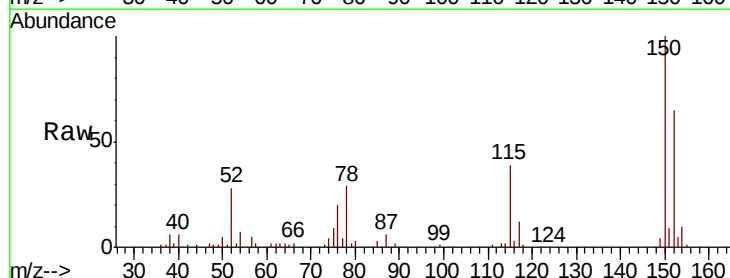


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

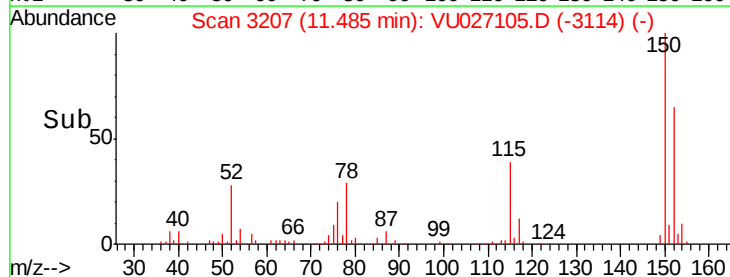
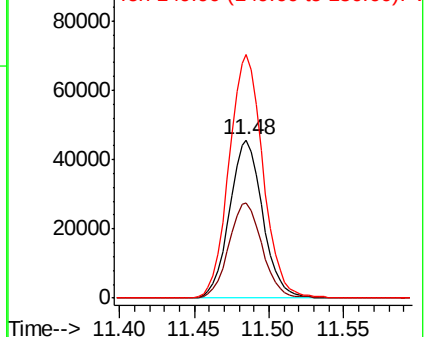


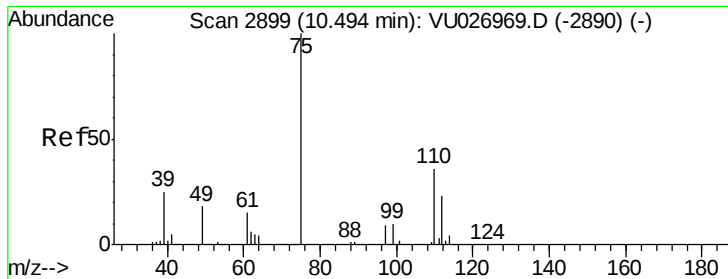
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027105.D
Acq: 24 Sep 2018 13:49

Tgt Ion:152 Resp: 70300
Ion Ratio Lower Upper
152 100
115 61.0 44.9 134.5
150 158.0 0.0 355.8



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





#76

1,2,3-Trichloropropane

Concen: 21.066 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027105.D

Acq: 24 Sep 2018 13:49

Instrument :

MSVOA_U

ClientSampleId :

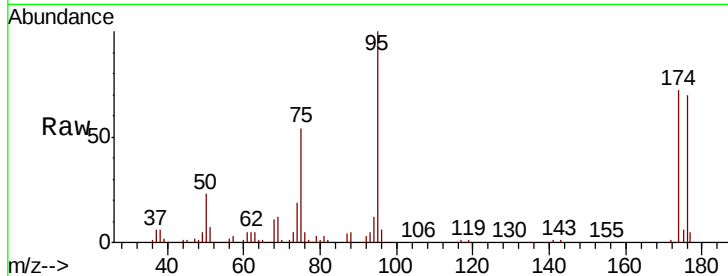
SA-MW129I-20180917

Tgt Ion: 75 Resp: 44990

Ion Ratio Lower Upper

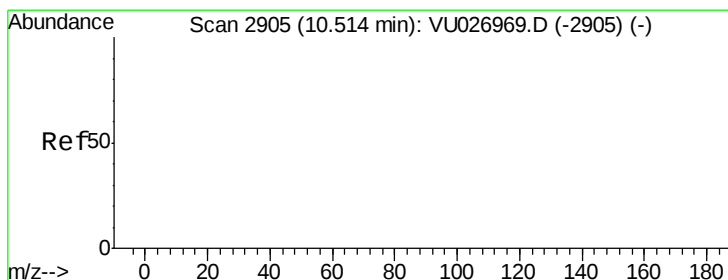
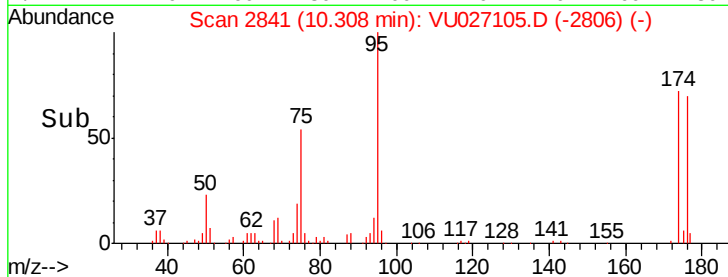
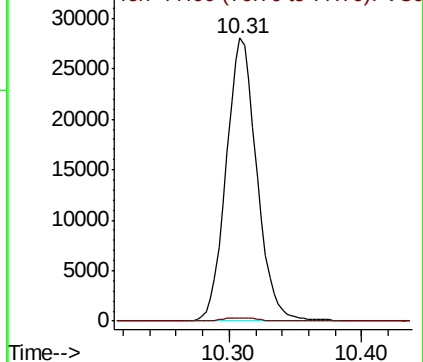
75 100

77 1.3 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 67.414 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027105.D

Acq: 24 Sep 2018 13:49

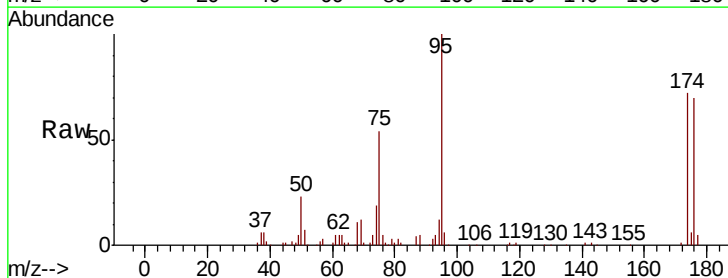
Tgt Ion: 75 Resp: 44990

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

