

Data File : VU027074.D
Acq On : 23 Sep 2018 16:05
Operator : MD/SY
Sample : J4954-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 116 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20180914

Quant Time: Sep 24 07:15:03 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	101579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174727	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	74201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	106079	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	4.88	113	73601	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	7.57	98	277793	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.31	95	89326	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds

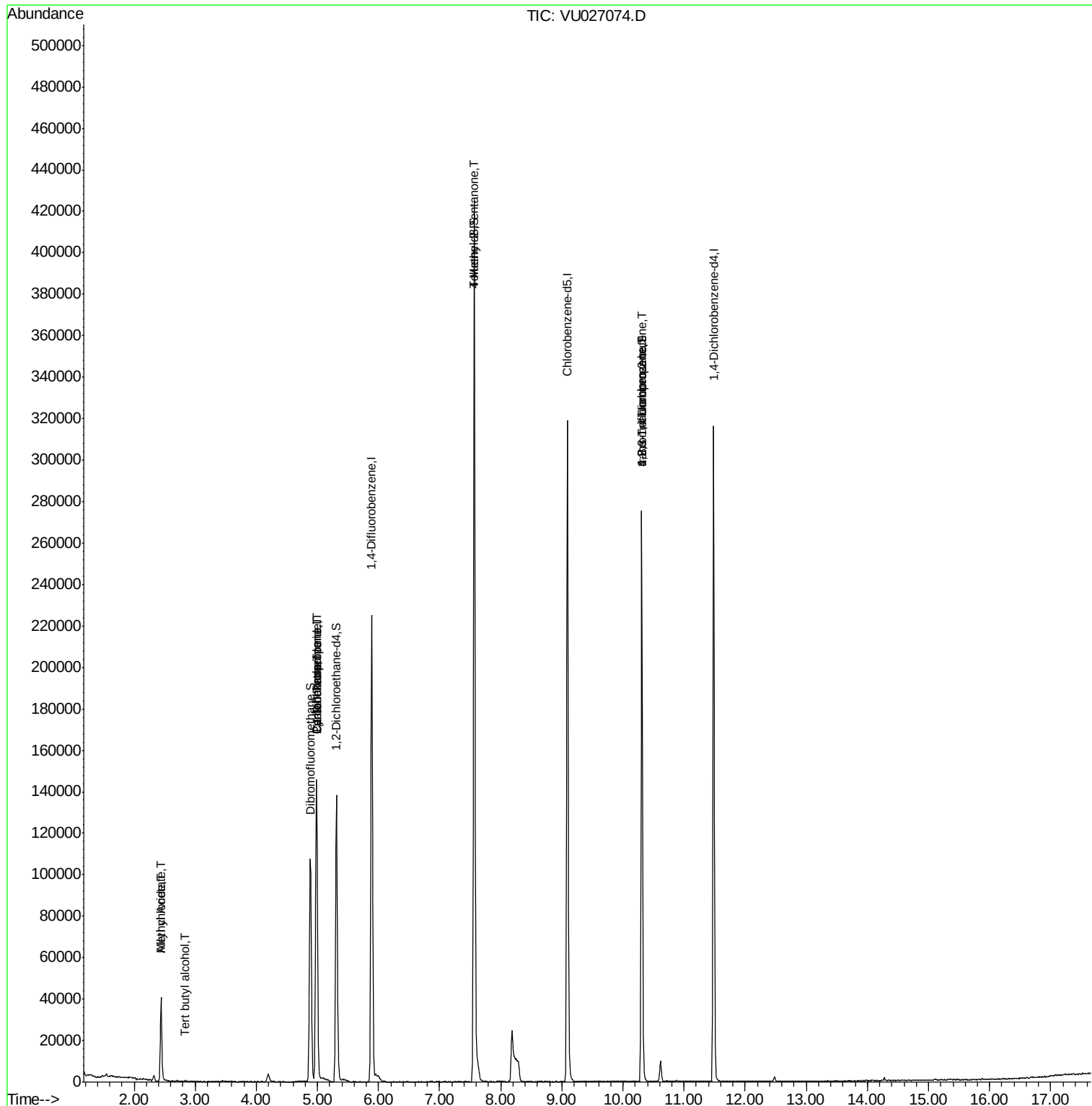
						Qvalue
11) Tert butyl alcohol	2.83	59	180	0.384	ug/l #	72
14) Allyl chloride	2.44	41	4237	1.489	ug/l #	74
16) Acetone	2.32	43	3151	Below Cal		93
18) Methyl Acetate	2.44	43	10247	3.521	ug/l #	55
31) Cyclohexane	4.99	56	2606	0.283	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9928	4.257	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10433	4.701	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1445	0.467	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	47745	21.180	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	47745	67.781	ug/l #	100

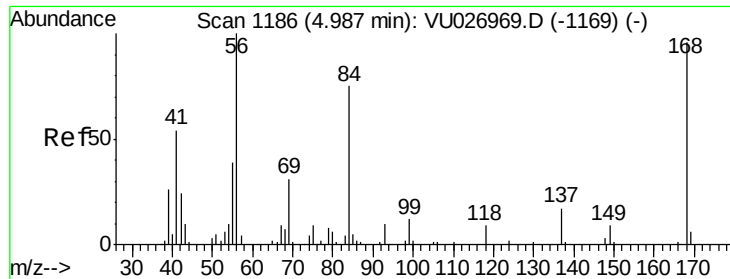
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027074.D

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Instrument :

MSVOA_U

ClientSampleId :

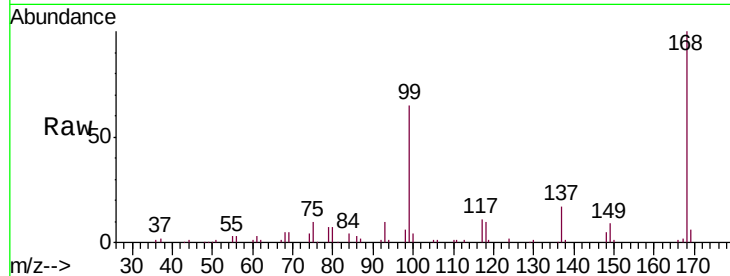
SA-PZ118I-20180914

Tgt Ion:168 Resp: 101579

Ion Ratio Lower Upper

168 100

99 64.8 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

50000

40000

30000

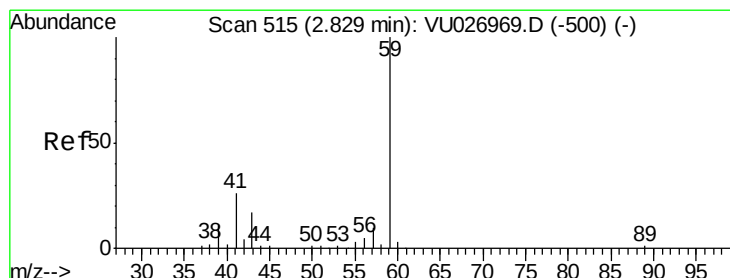
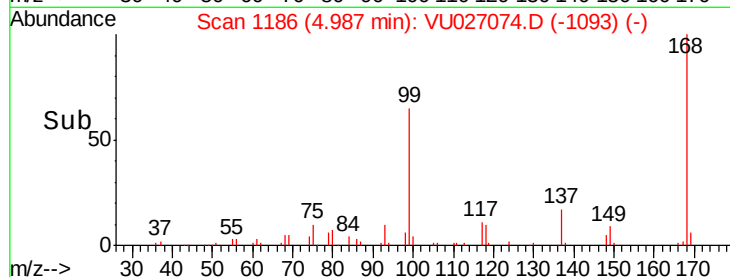
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 0.384 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027074.D

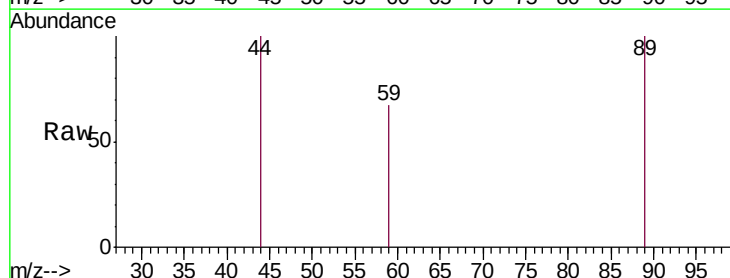
Acq: 23 Sep 2018 16:05

Tgt Ion: 59 Resp: 180

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.83

200

150

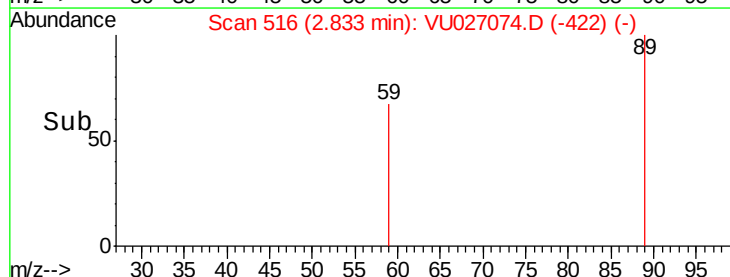
100

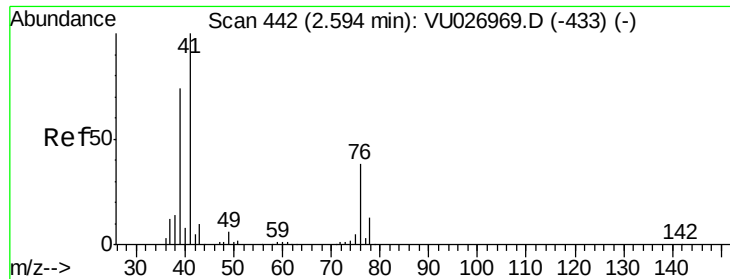
50

0

2.81 2.82 2.83 2.84

Time-->

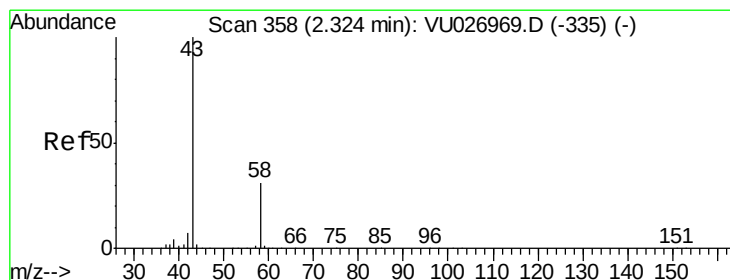
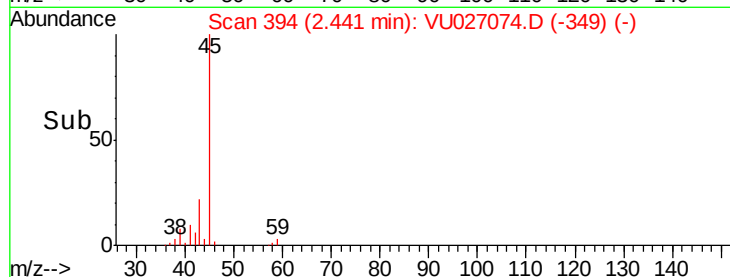
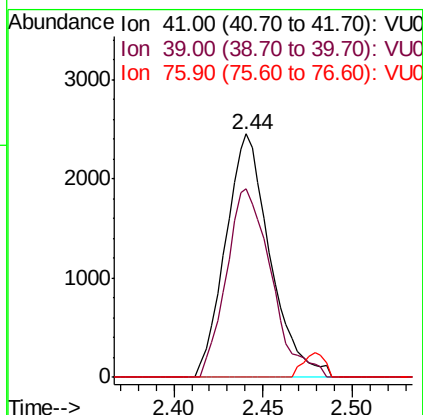
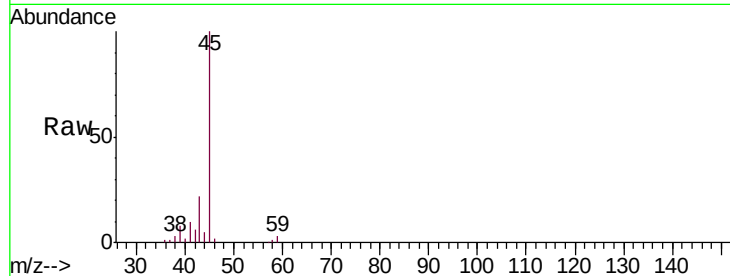




#14
 Allyl chloride
 Concen: 1.489 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

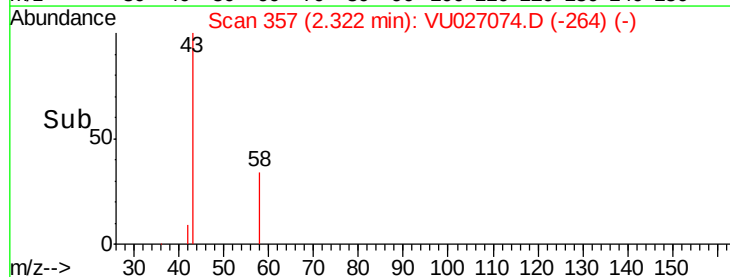
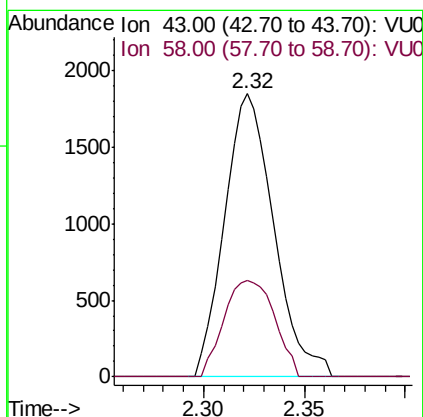
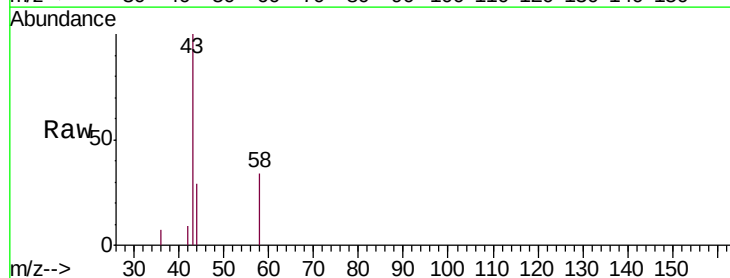
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118I-20180914

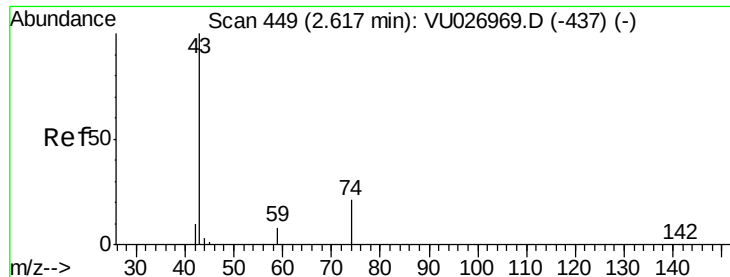
Tgt Ion: 41 Resp: 4237
 Ion Ratio Lower Upper
 41 100
 39 78.2 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

Tgt Ion: 43 Resp: 3151
 Ion Ratio Lower Upper
 43 100
 58 34.3 24.6 36.8

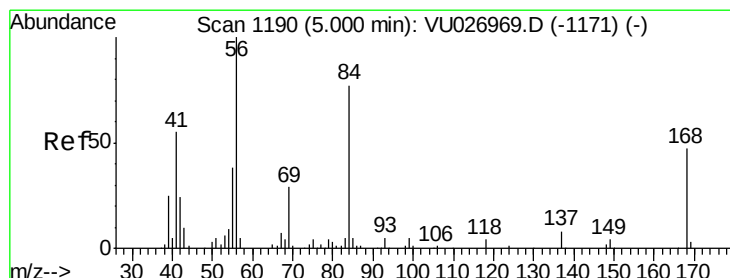
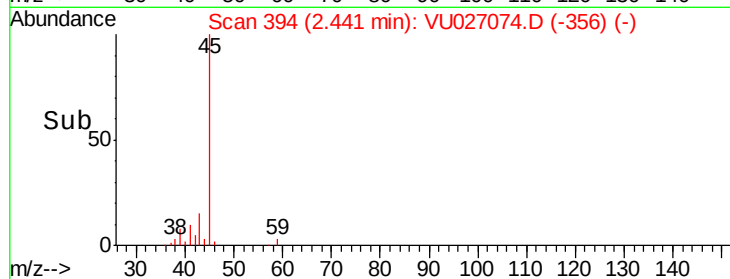
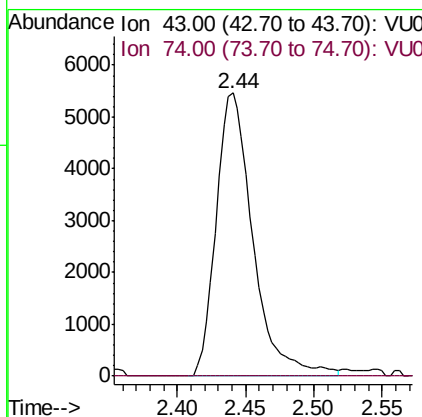
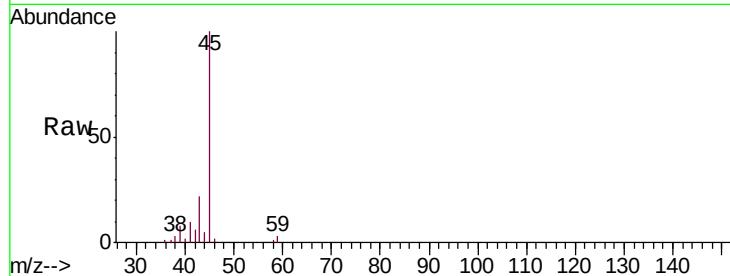




#18
Methyl Acetate
Concen: 3.521 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

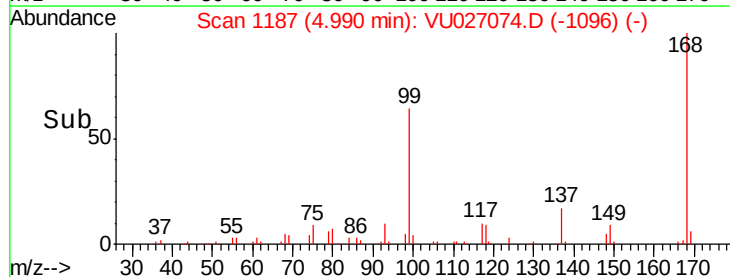
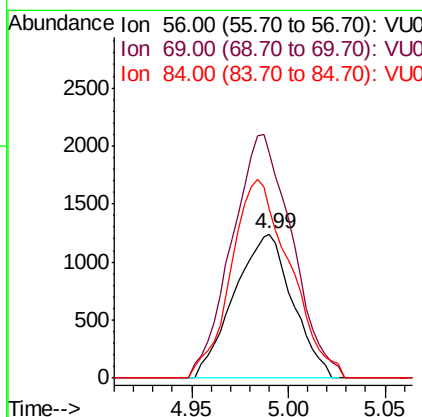
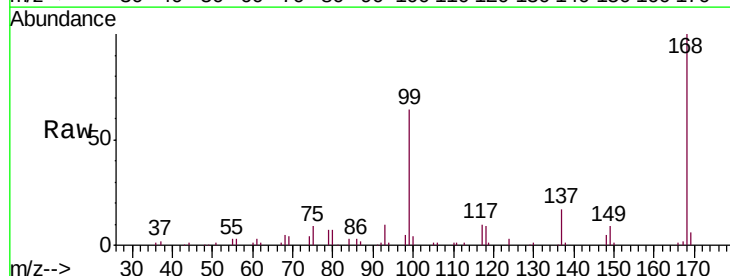
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20180914

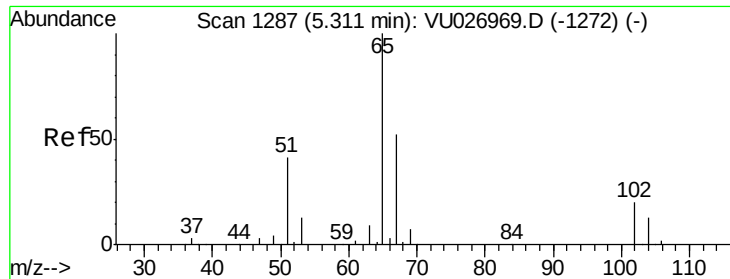
Tgt Ion: 43 Resp: 10247
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.283 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

Tgt Ion: 56 Resp: 2606
Ion Ratio Lower Upper
56 100
69 156.1 23.0 34.4#
84 117.5 61.4 92.2#

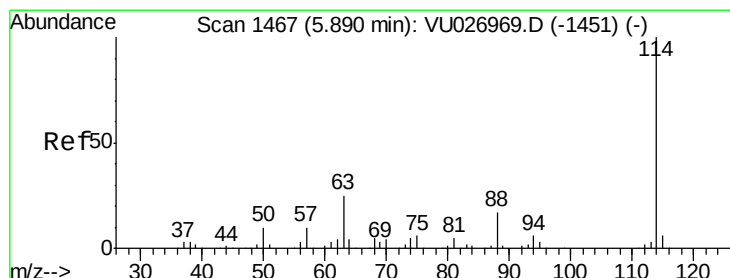
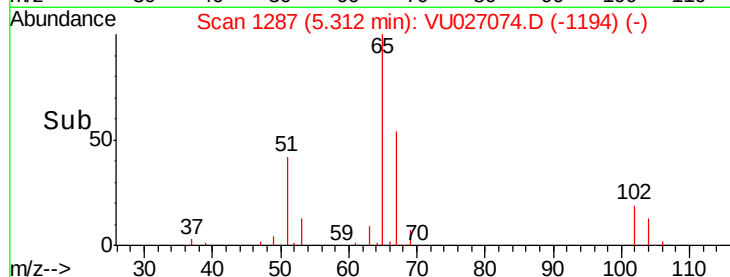
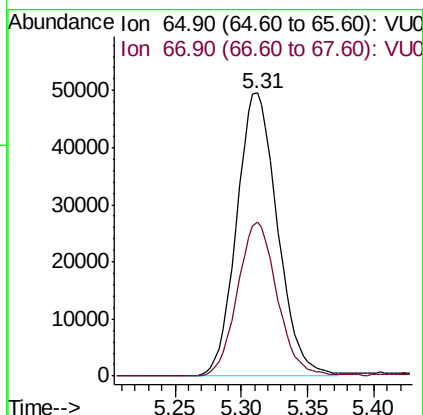
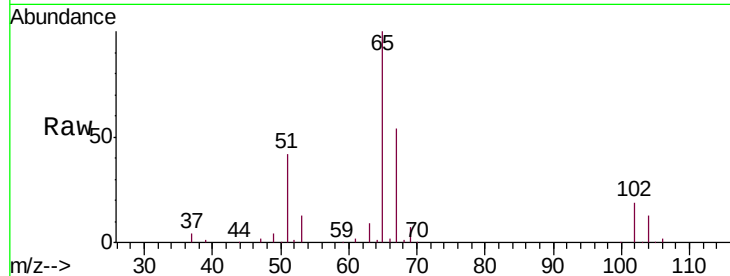




#33
 1,2-Dichloroethane-d4
 Concen: 51.886 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

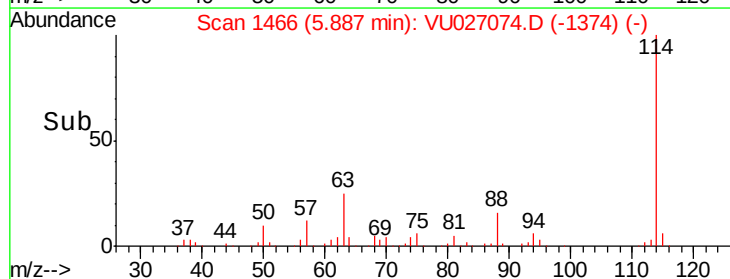
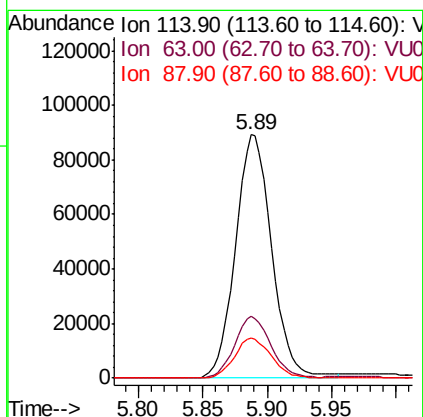
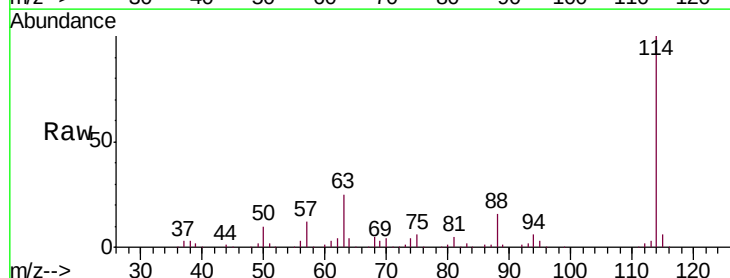
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ118I-20180914

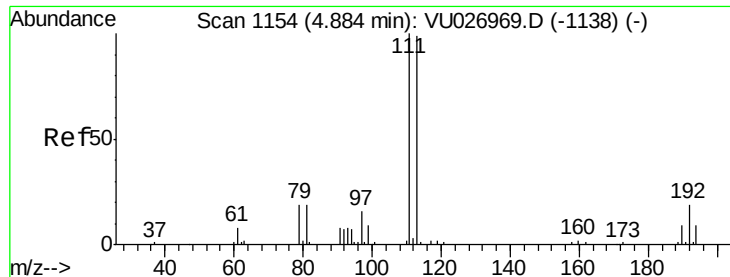
Tgt Ion: 65 Resp: 106079
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

Tgt Ion: 114 Resp: 174727
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.4 0.0 33.8

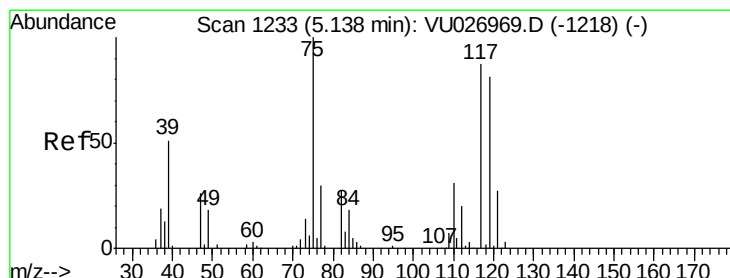
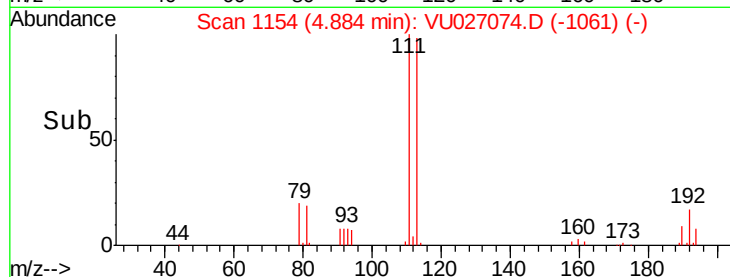
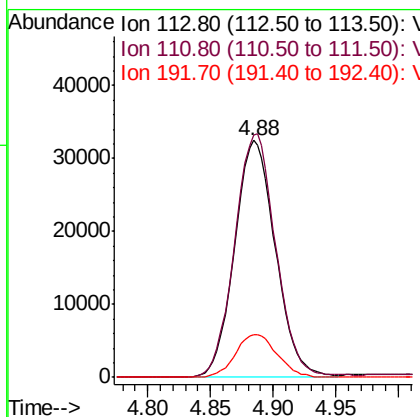
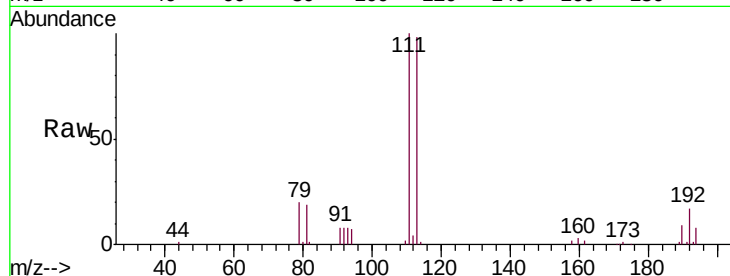




#35
 Dibromofluoromethane
 Concen: 48.596 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

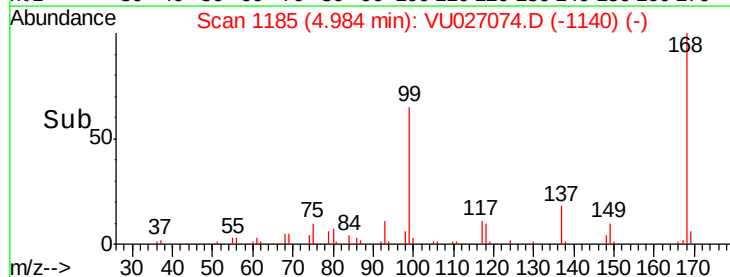
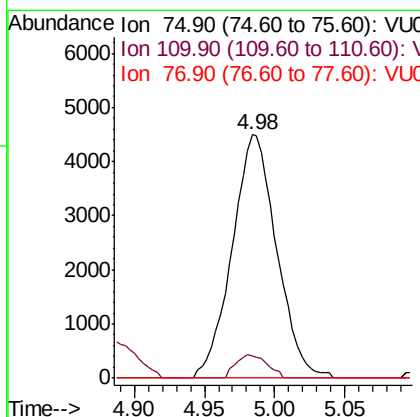
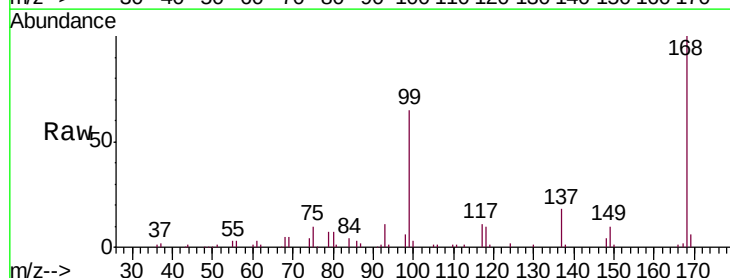
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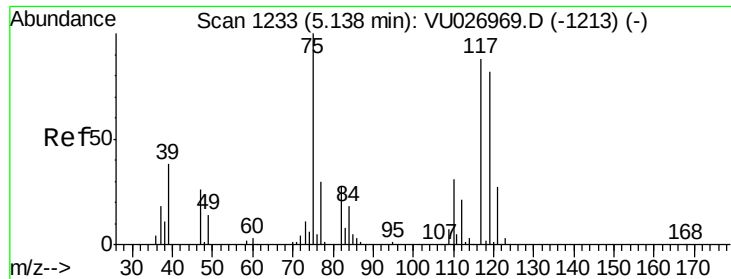
Tgt Ion: 113 Resp: 73601
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 18.3 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.257 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

Tgt Ion: 75 Resp: 9928
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.701 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027074.D

Acq: 23 Sep 2018 16:05

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ118I-20180914

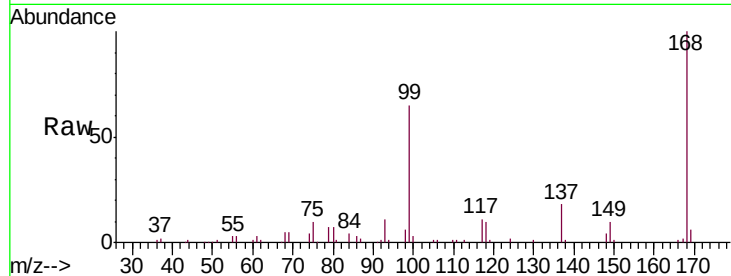
Tgt Ion:117 Resp: 10433

Ion Ratio Lower Upper

117 100

119 6.8 74.4 111.6#

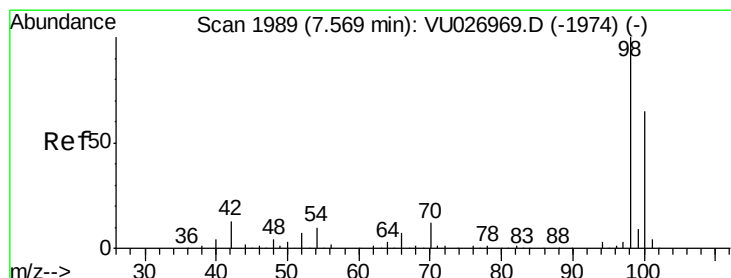
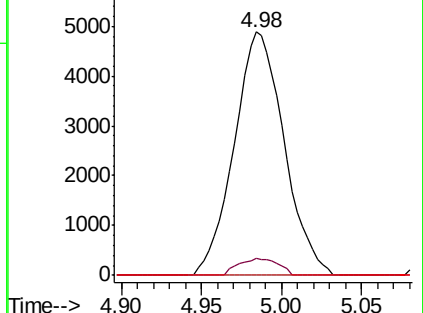
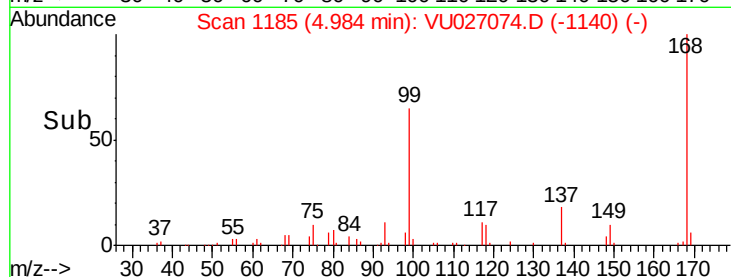
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.128 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027074.D

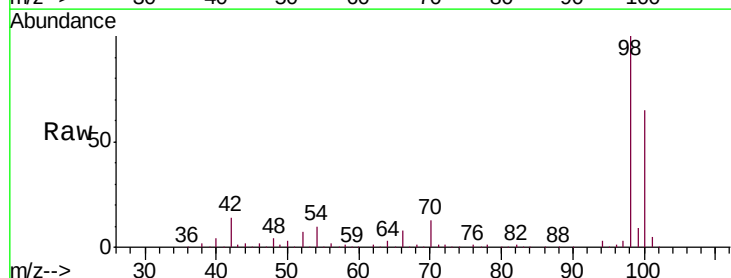
Acq: 23 Sep 2018 16:05

Tgt Ion: 98 Resp: 277793

Ion Ratio Lower Upper

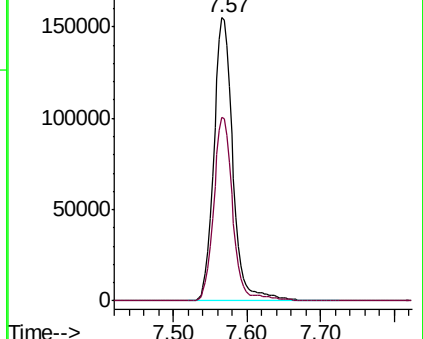
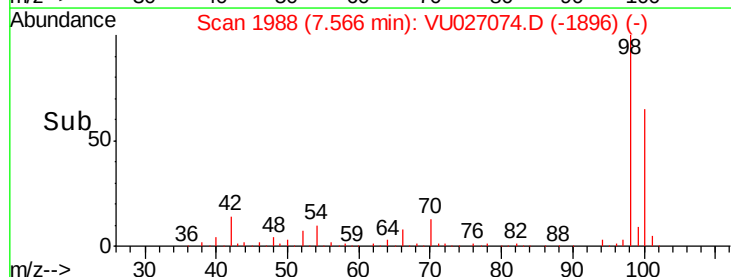
98 100

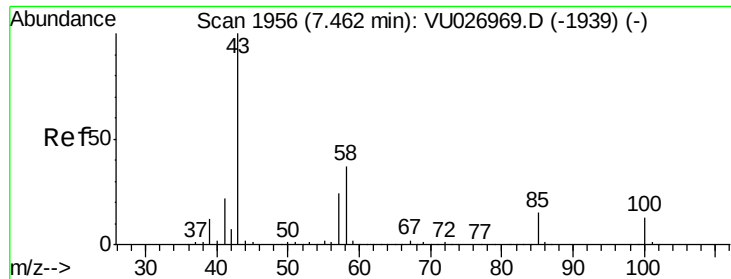
100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

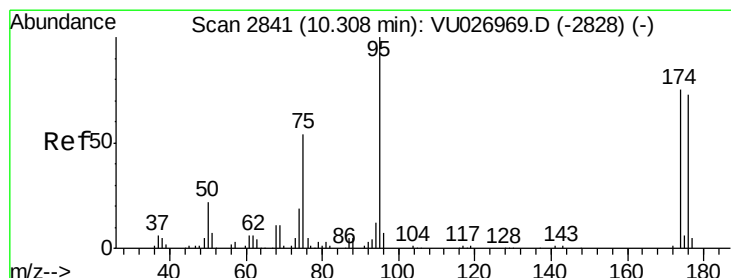
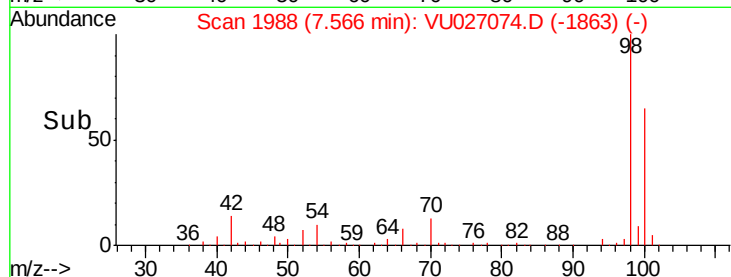
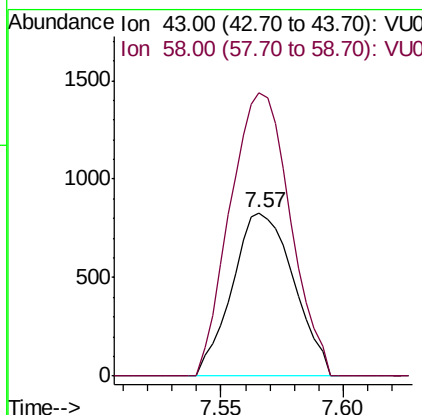
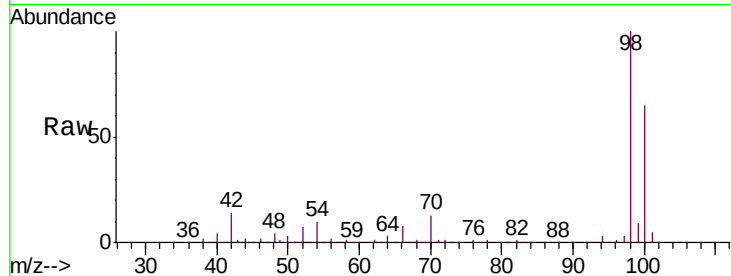




#51
 4-Methyl-2-Pentanone
 Concen: 0.467 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

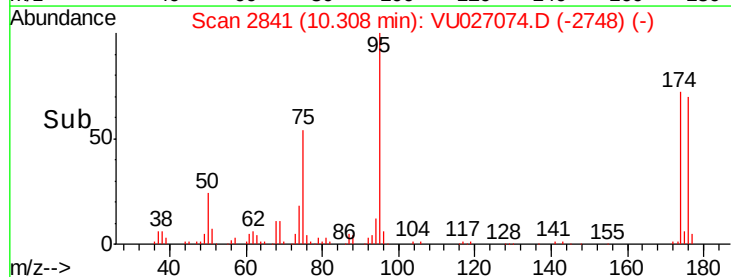
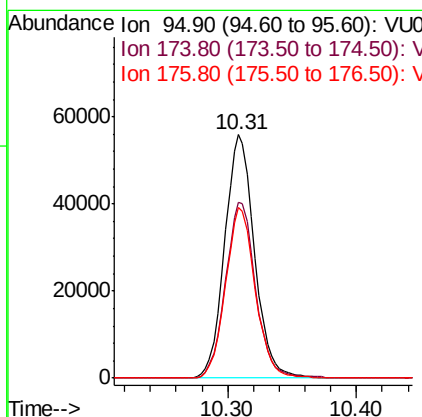
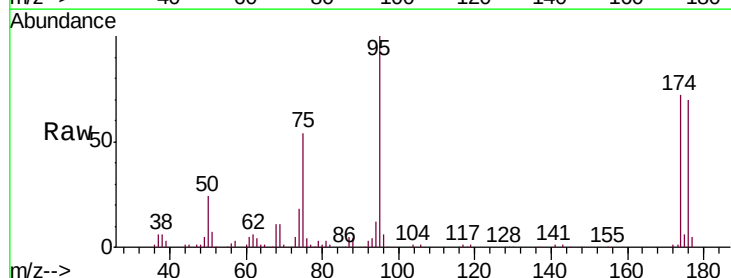
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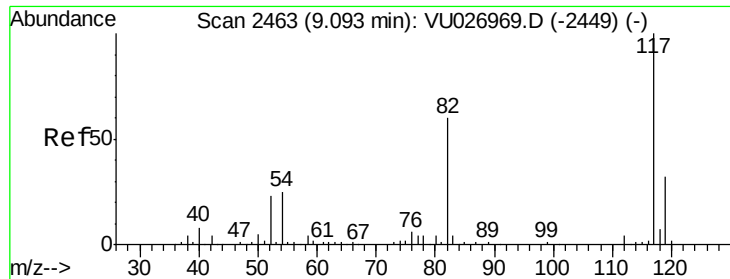
Tgt Ion: 43 Resp: 1445
 Ion Ratio Lower Upper
 43 100
 58 170.1 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 45.102 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027074.D
 Acq: 23 Sep 2018 16:05

Tgt Ion: 95 Resp: 89326
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 150.2
 176 69.9 0.0 145.2

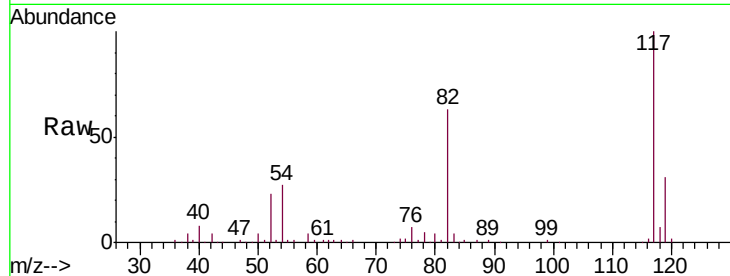




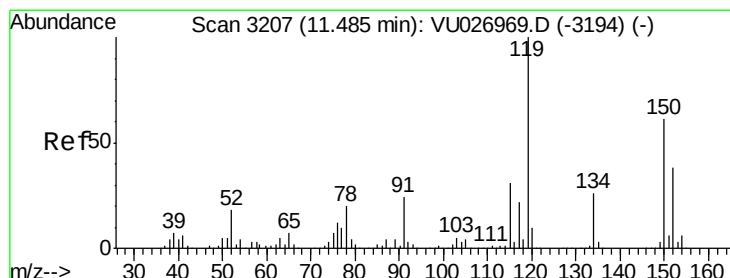
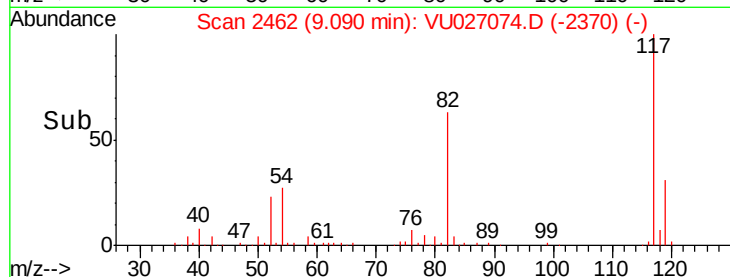
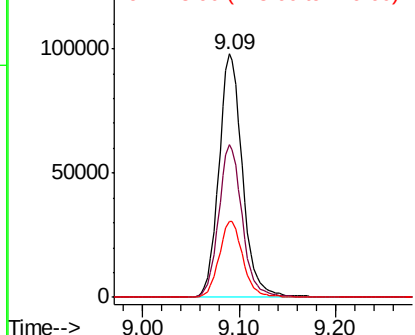
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ118I-20180914

Tgt Ion:117 Resp: 165668
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 31.3 25.8 38.8

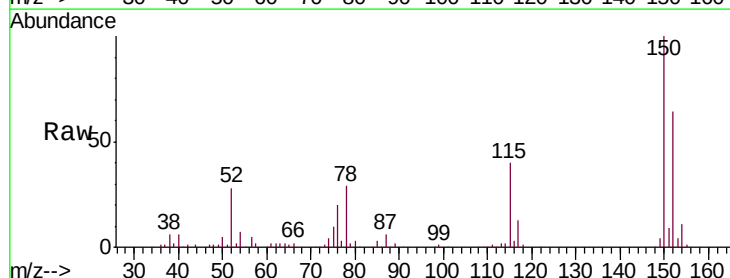


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

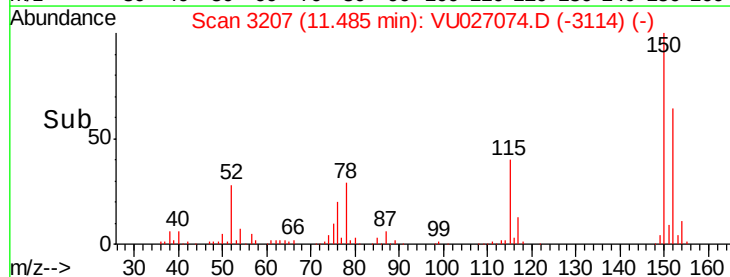
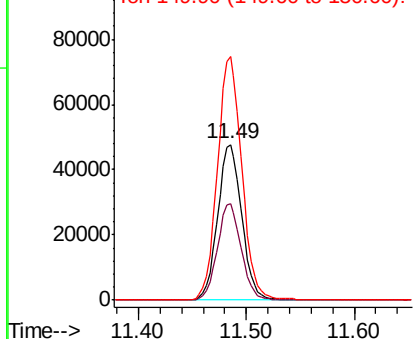


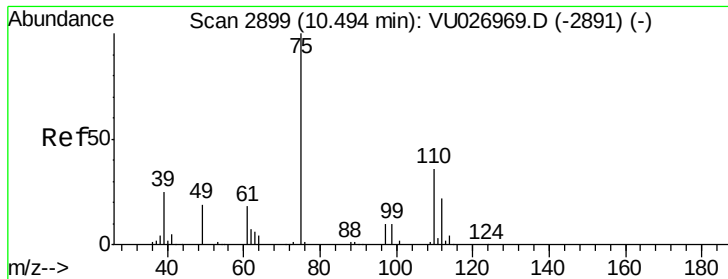
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027074.D
Acq: 23 Sep 2018 16:05

Tgt Ion:152 Resp: 74201
Ion Ratio Lower Upper
152 100
115 61.2 44.9 134.5
150 158.4 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: 21.180 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027074.D

Acq: 23 Sep 2018 16:05

Instrument :

MSVOA_U

ClientSampleId :

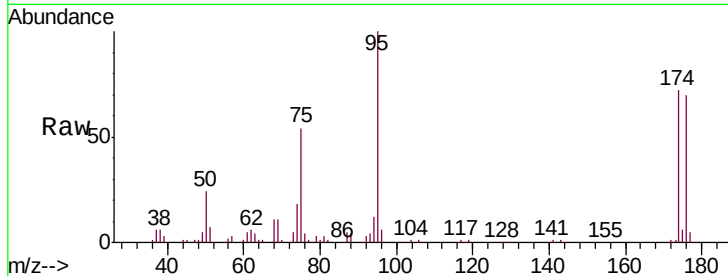
SA-PZ118I-20180914

Tgt Ion: 75 Resp: 47745

Ion Ratio Lower Upper

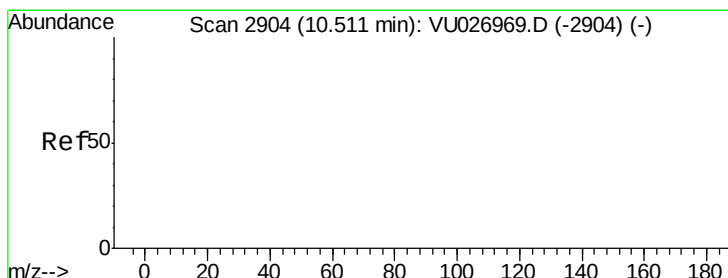
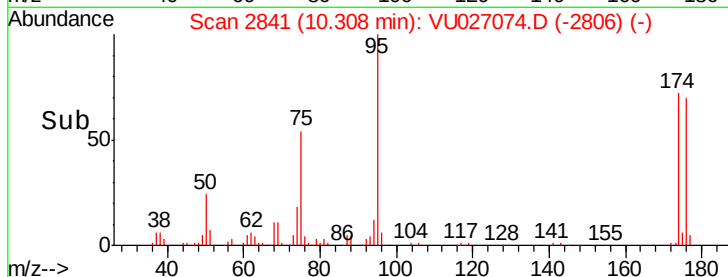
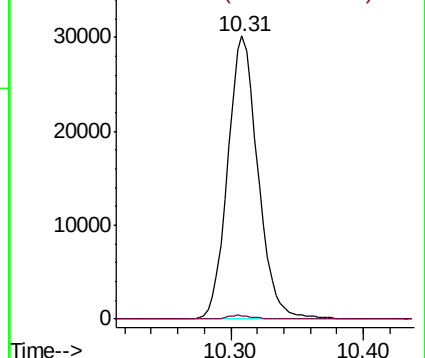
75 100

77 1.1 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: 67.781 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027074.D

Acq: 23 Sep 2018 16:05

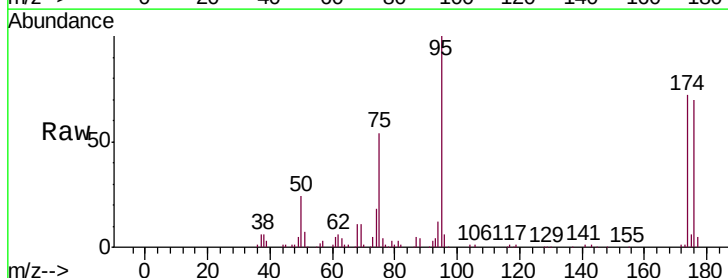
Tgt Ion: 75 Resp: 47745

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

