

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
 Data File : VU027306.D
 Acq On : 29 Sep 2018 05:25
 Operator : MD/SY
 Sample : J5135-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-TW502-0913

Quant Time: Sep 29 07:05:10 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	101301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	171460	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	161750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	77233	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	100798	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	4.88	113	70476	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
50) Toluene-d8	7.57	98	272632	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.31	95	89843	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	

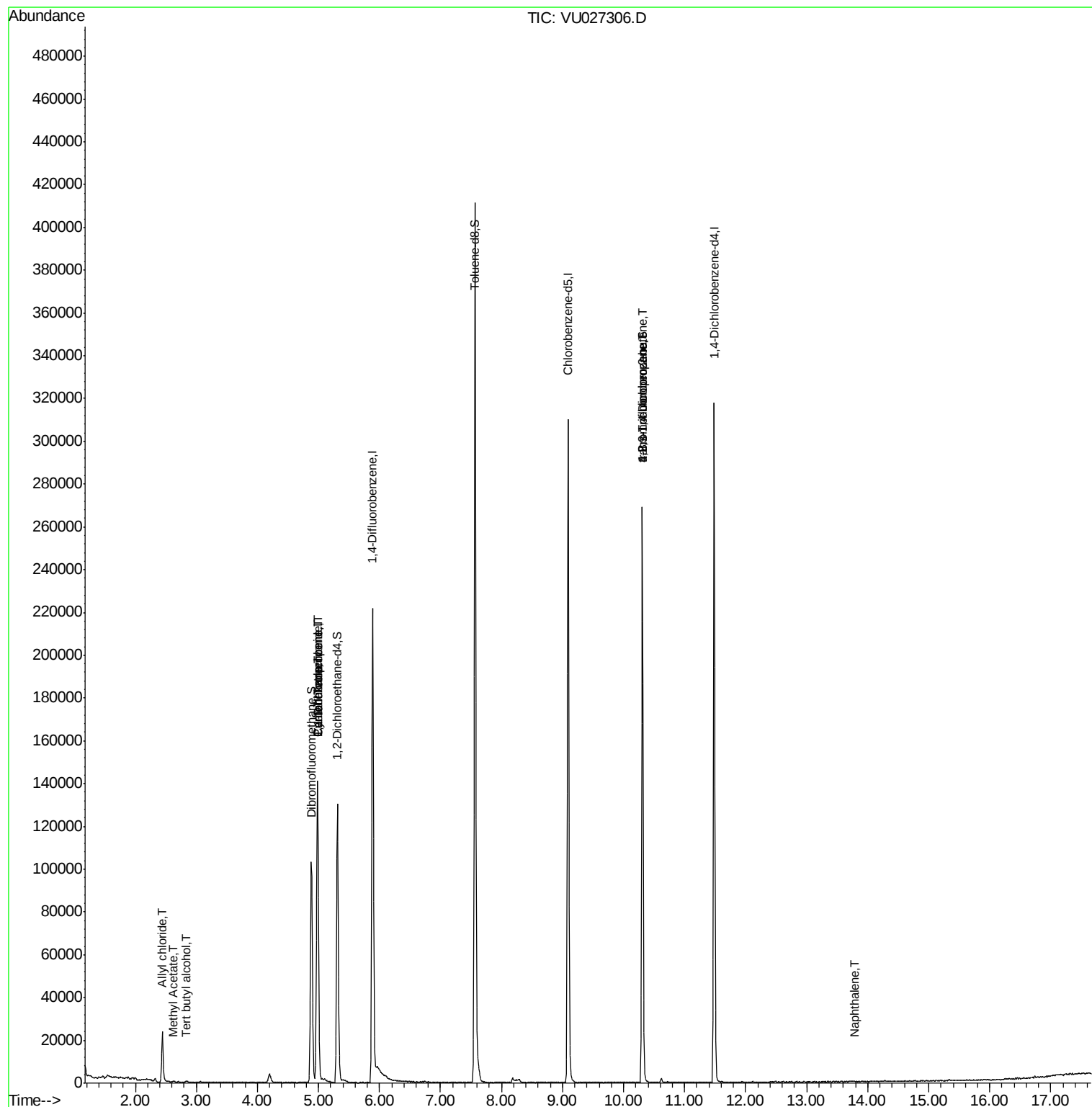
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	185	0.396	ug/l #	72
14) Allyl chloride	2.44	41	2335	0.823	ug/l #	74
16) Acetone	2.32	43	1976	Below Cal		94
18) Methyl Acetate	2.62	43	628	0.216	ug/l #	55
31) Cyclohexane	4.99	56	2397	0.216	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8981	3.925	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10927	5.018	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	48066	20.486	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	48066	65.558	ug/l #	100
95) Naphthalene	13.77	128	306	1.735	ug/l #	69

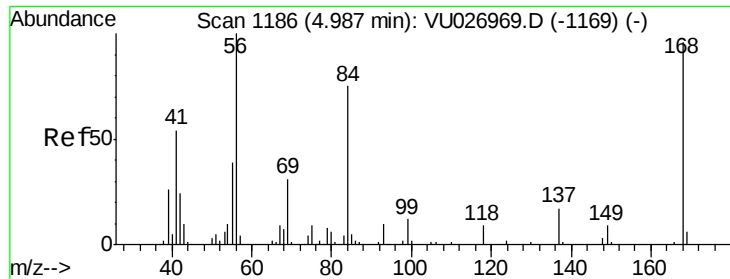
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027306.D

Acq: 29 Sep 2018 05:25

Instrument :

MSVOA_U

ClientSampleId :

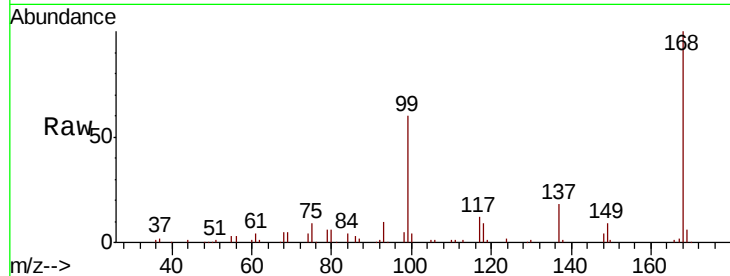
SA-TW502-0913

Tgt Ion: 168 Resp: 101301

Ion Ratio Lower Upper

168 100

99 60.3 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

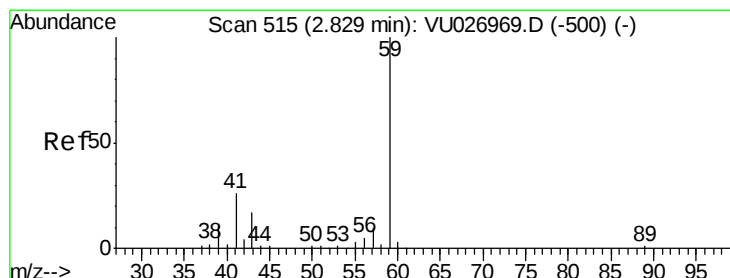
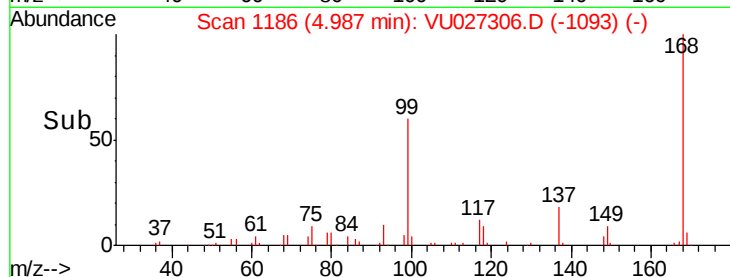
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 0.396 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027306.D

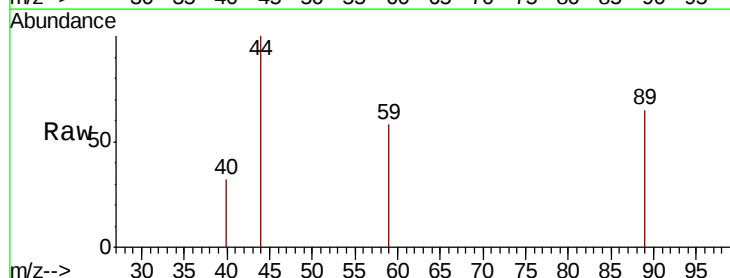
Acq: 29 Sep 2018 05:25

Tgt Ion: 59 Resp: 185

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

250

200

150

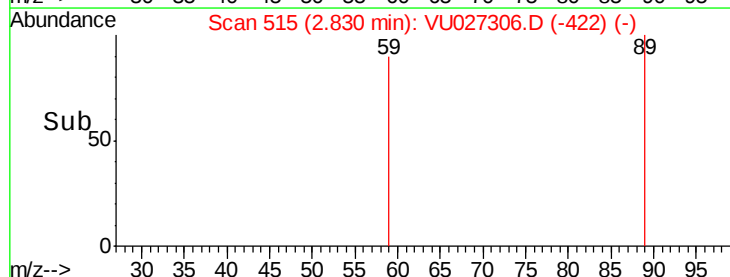
100

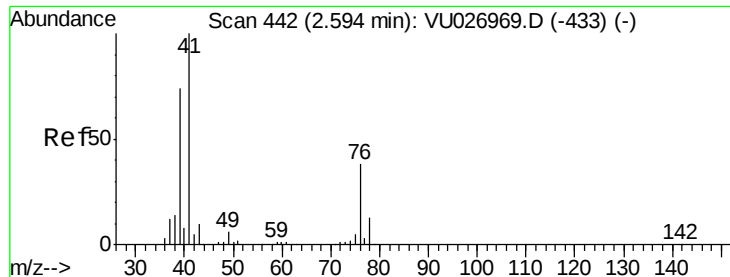
50

0

2.81 2.82 2.83 2.84

Time-->

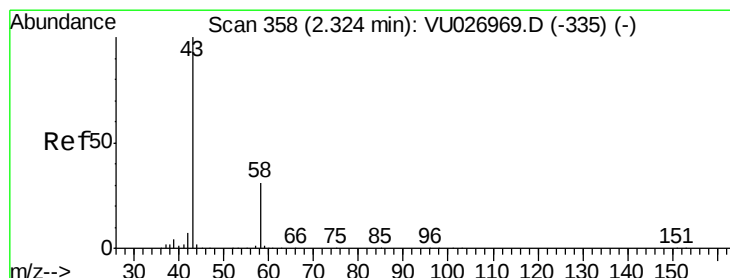
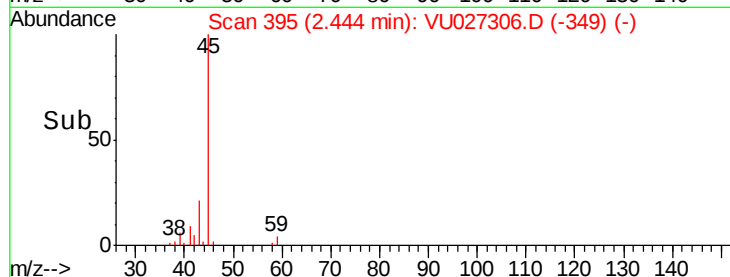
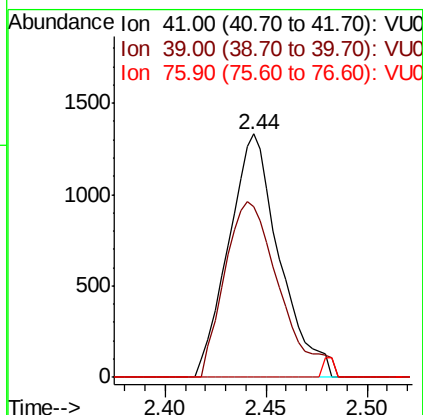
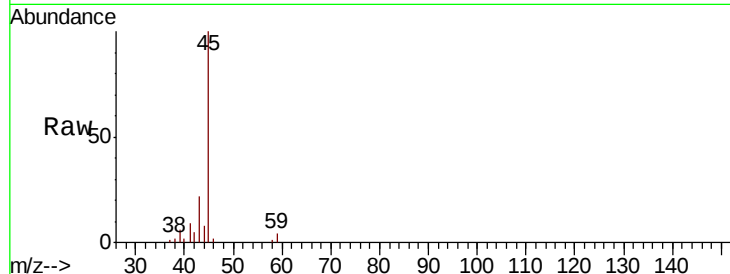




#14
 Allyl chloride
 Concen: 0.823 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

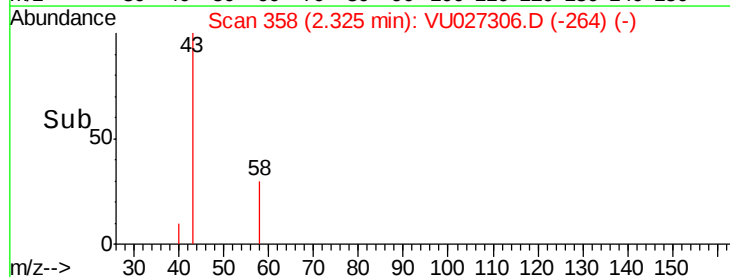
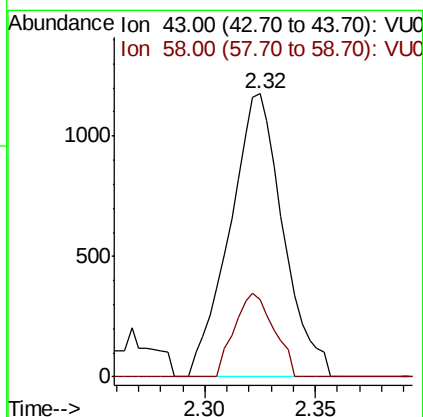
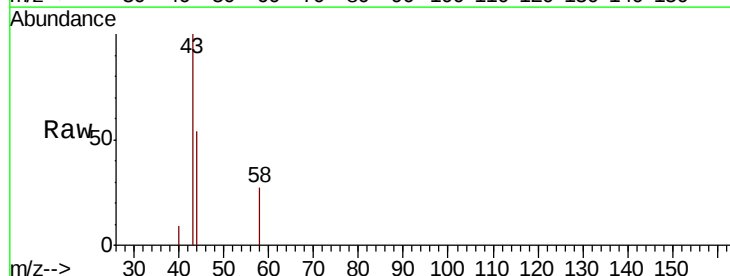
Instrument :
 MSVOA_U
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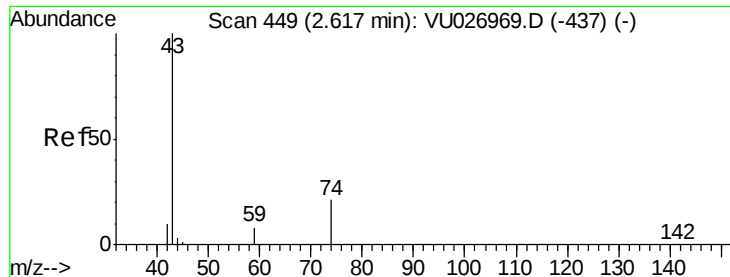
Tgt Ion: 41 Resp: 2335
 Ion Ratio Lower Upper
 41 100
 39 78.0 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

Tgt Ion: 43 Resp: 1976
 Ion Ratio Lower Upper
 43 100
 58 27.1 24.6 36.8

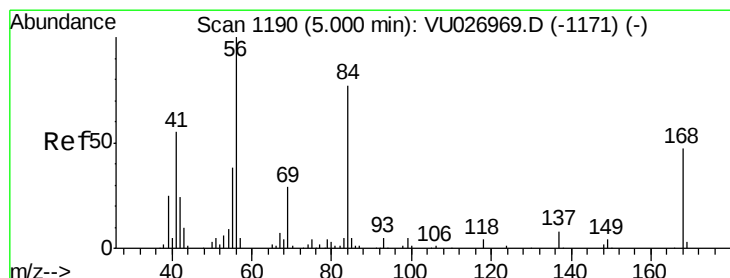
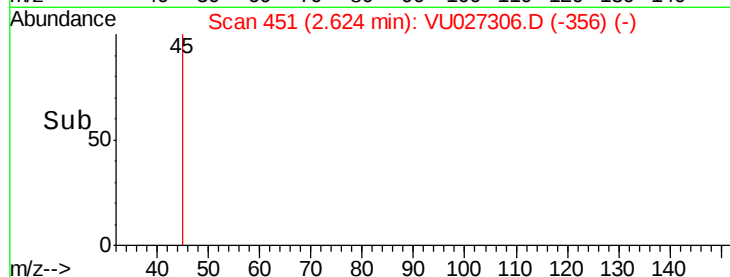
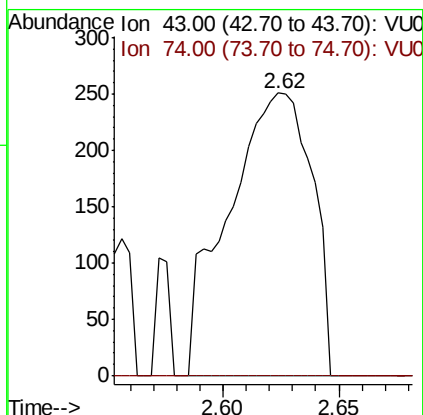
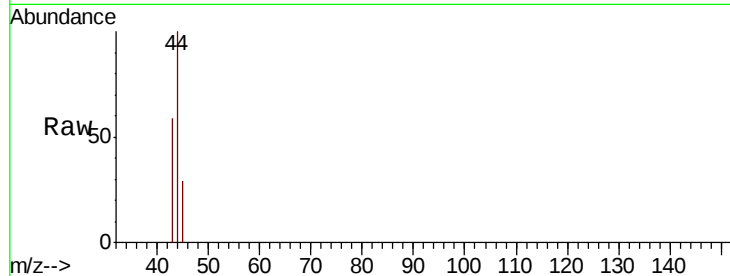




#18
Methyl Acetate
Concen: 0.216 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027306.D
Acq: 29 Sep 2018 05:25

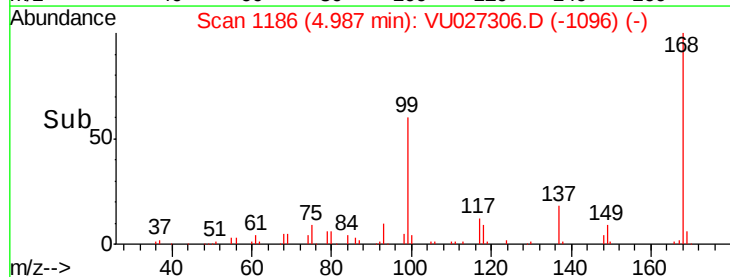
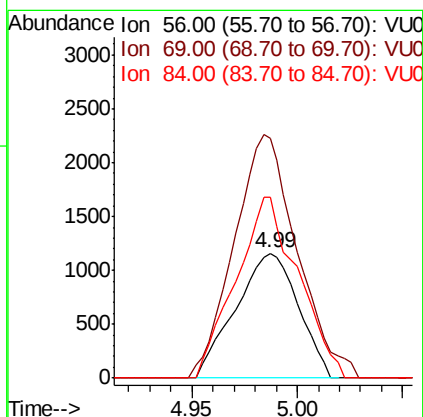
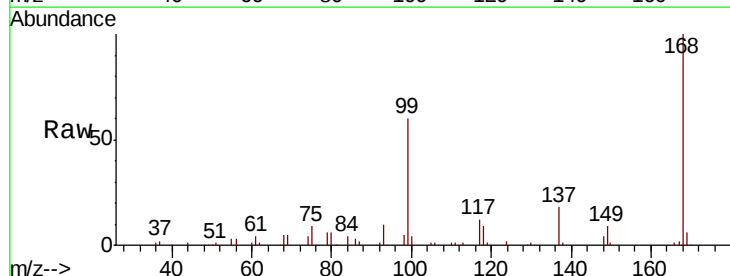
Instrument :
MSVOA_U
ClientSampleId :
SA-TW502-0913

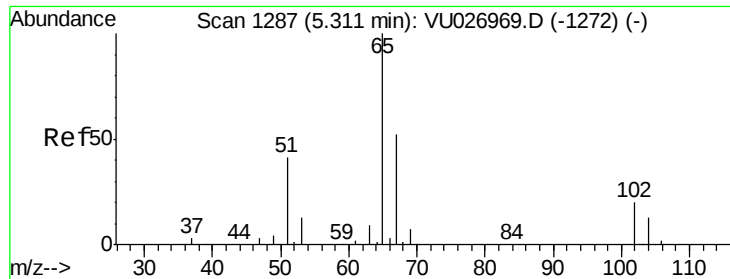
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.216 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027306.D
Acq: 29 Sep 2018 05:25

Tgt Ion: 56 Resp: 2397
Ion Ratio Lower Upper
56 100
69 192.6 23.0 34.4#
84 144.5 61.4 92.2#

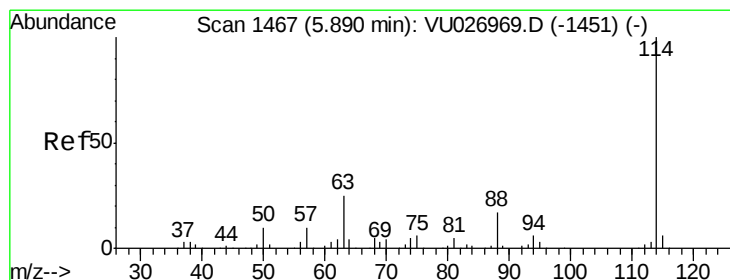
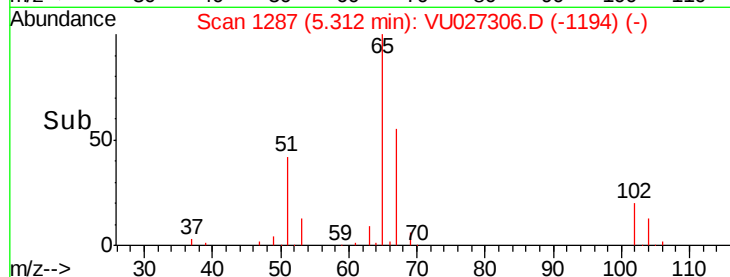
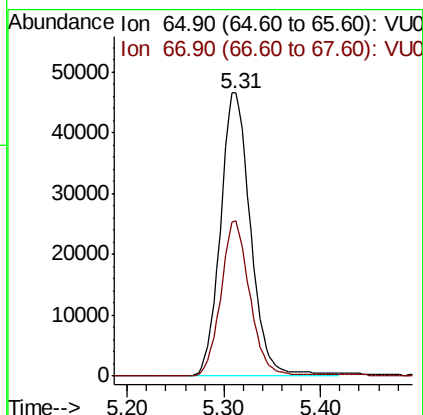
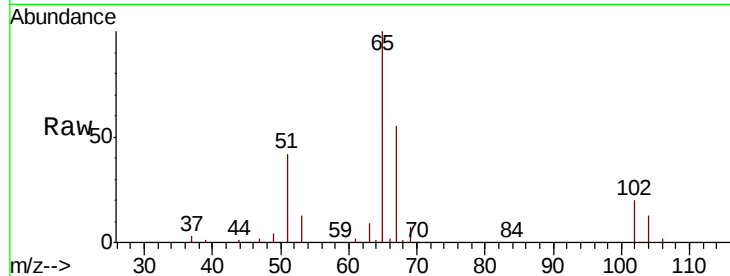




#33
 1,2-Dichloroethane-d4
 Concen: 49.439 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

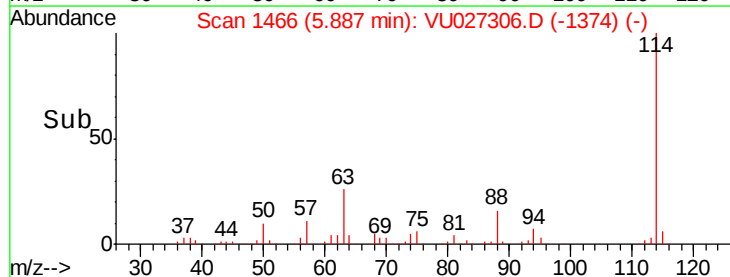
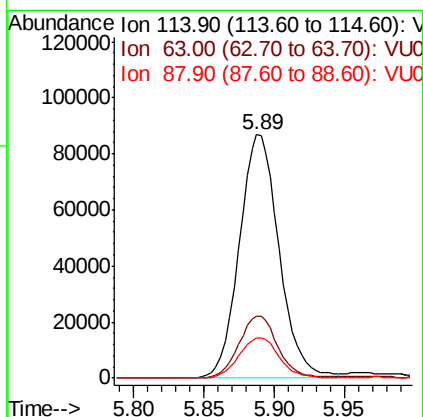
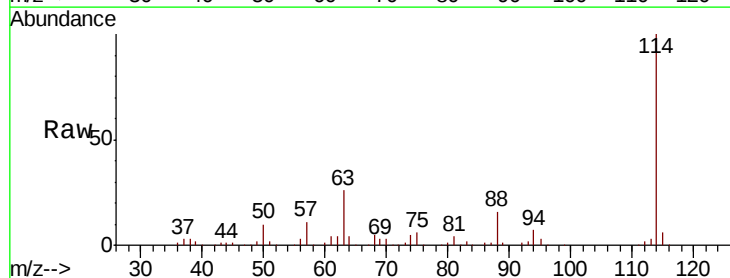
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-TW502-0913

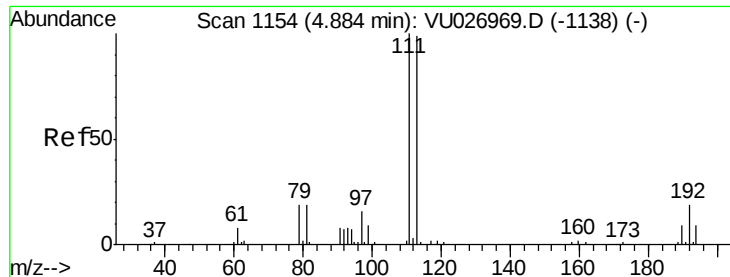
Tgt Ion: 65 Resp: 100798
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

Tgt Ion: 114 Resp: 171460
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 16.5 0.0 33.8

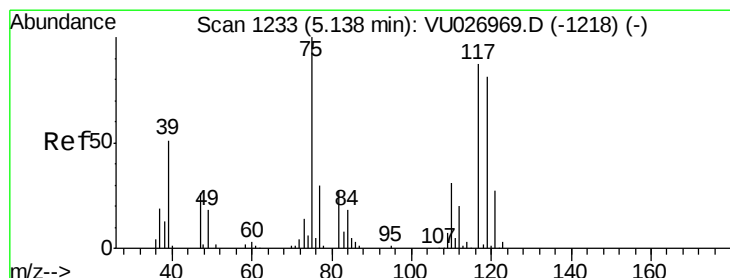
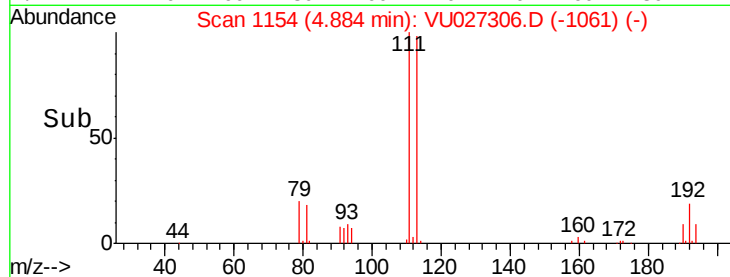
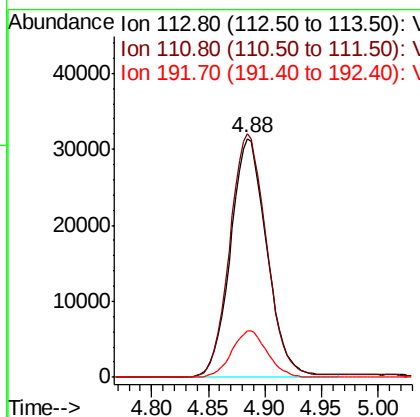
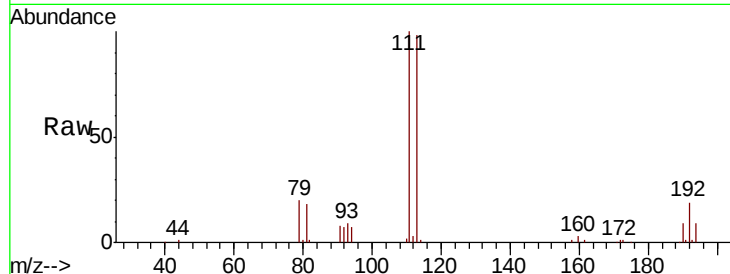




#35
 Dibromofluoromethane
 Concen: 47.420 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

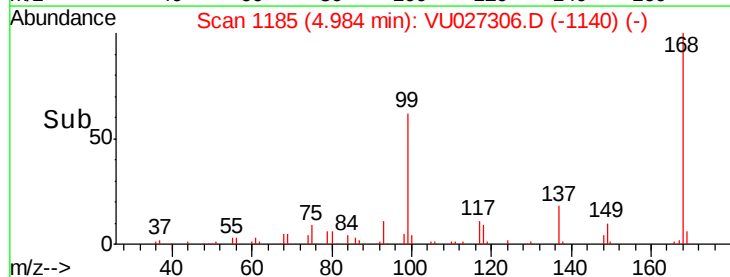
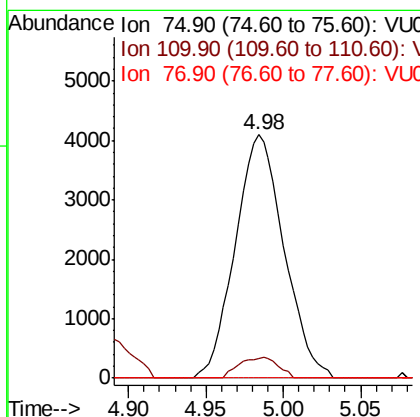
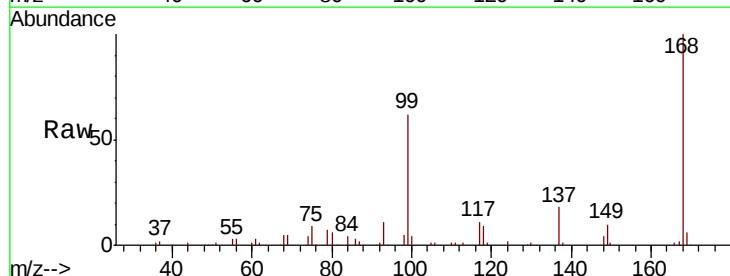
Instrument :
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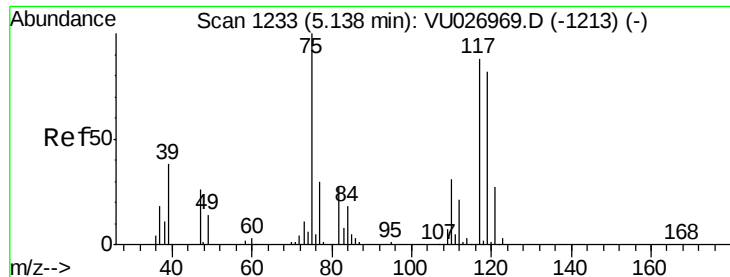
Tgt Ion:113 Resp: 70476
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 19.1 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 3.925 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

Tgt Ion: 75 Resp: 8981
 Ion Ratio Lower Upper
 75 100
 110 6.9 16.1 48.2#
 77 0.0 24.6 36.8#

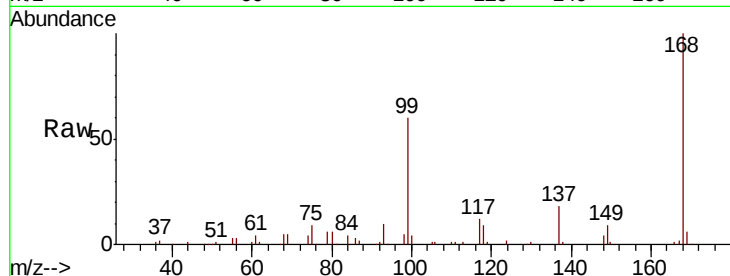




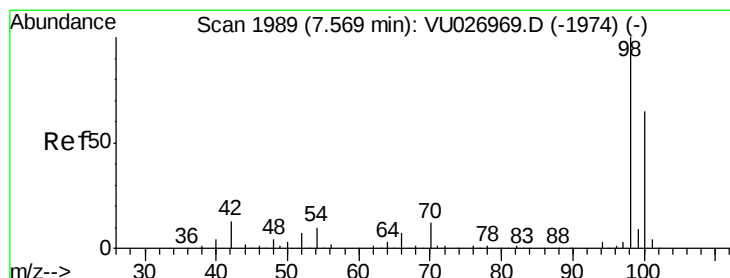
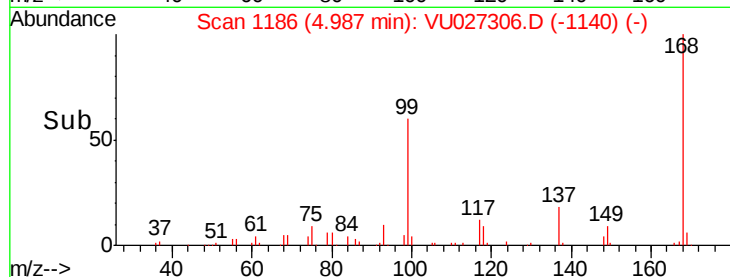
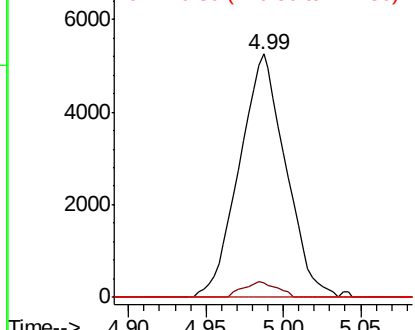
#38
Carbon Tetrachloride
Concen: 5.018 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027306.D
Acq: 29 Sep 2018 05:25

Instrument :
MSVOA_U
ClientSampleId :
SA-TW502-0913

Tgt Ion:117 Resp: 10927
Ion Ratio Lower Upper
117 100
119 6.0 74.4 111.6#
121 0.0 24.2 36.4#

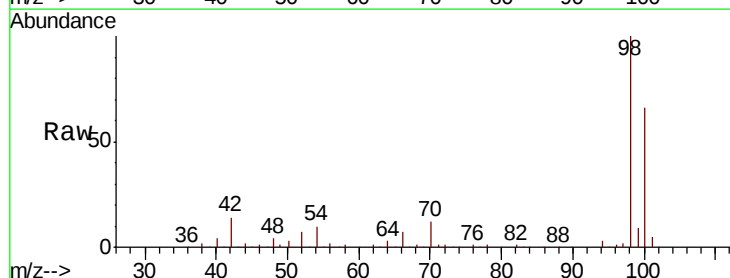


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

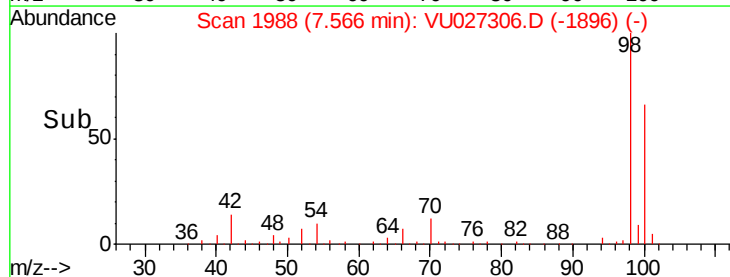
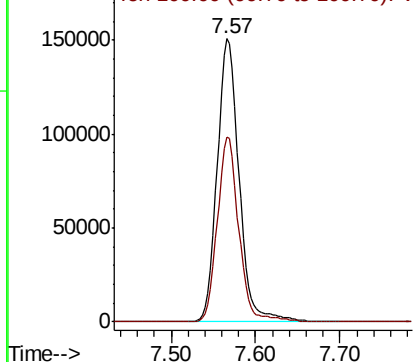


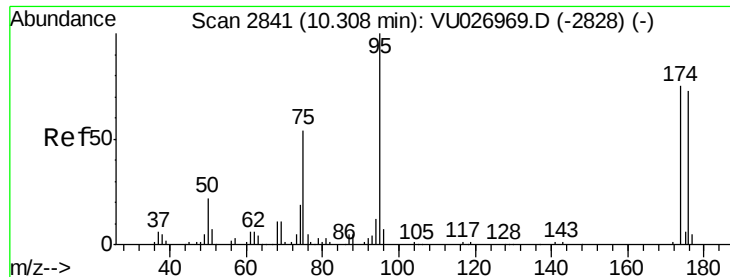
#50
Toluene-d8
Concen: 48.134 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027306.D
Acq: 29 Sep 2018 05:25

Tgt Ion: 98 Resp: 272632
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

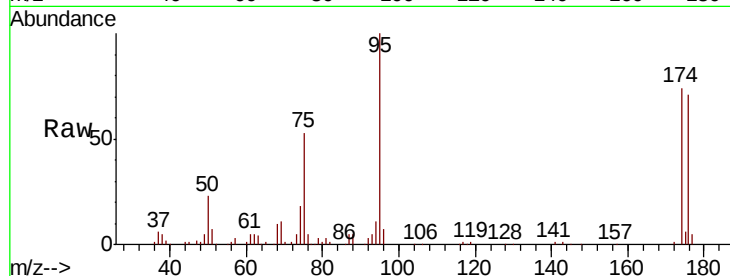




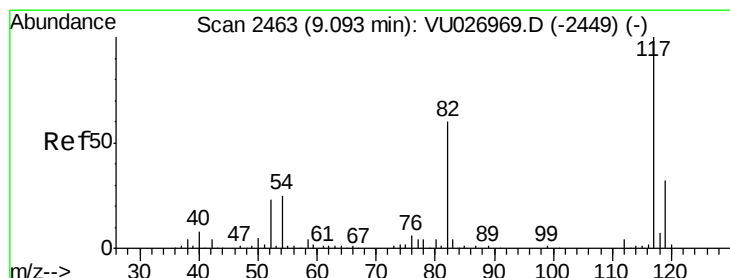
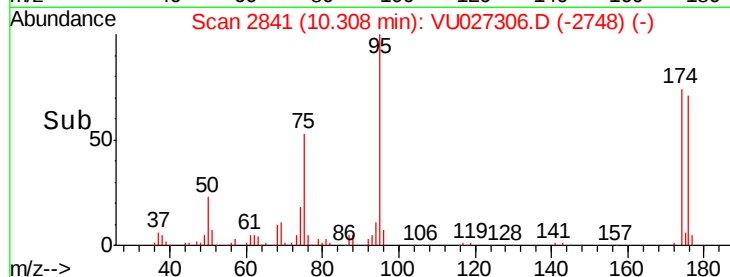
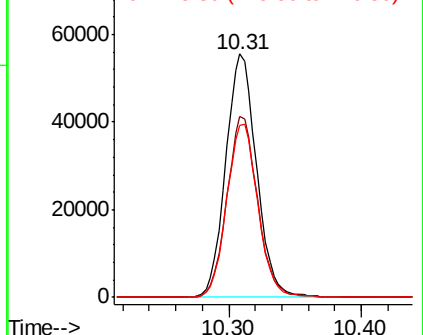
#62
 4-Bromofluorobenzene
 Concen: 46.227 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

Instrument :
 MSVOA_U
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 SA-TW502-0913

Tgt Ion: 95 Resp: 89843
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 150.2
 176 71.6 0.0 145.2

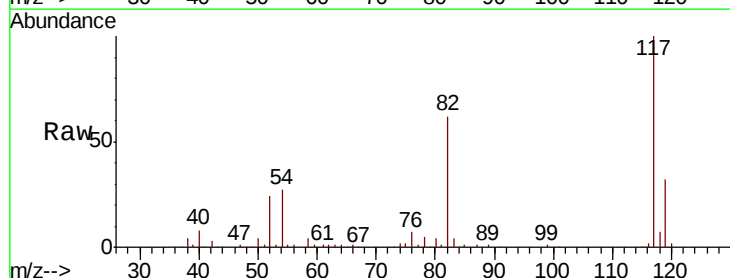


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
 Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
 Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

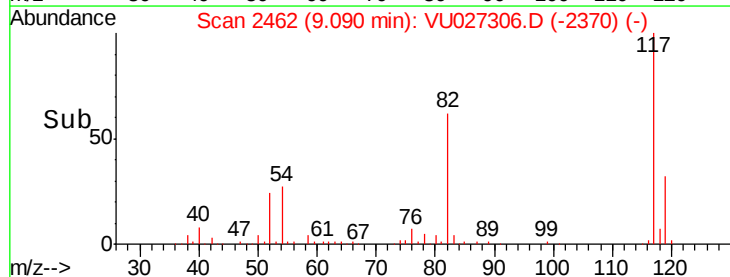
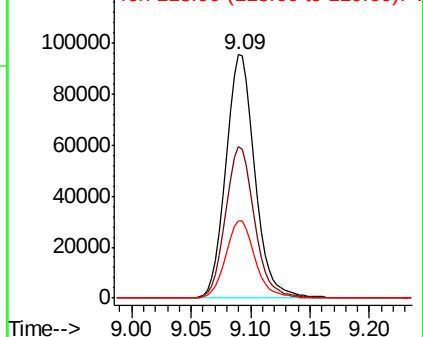


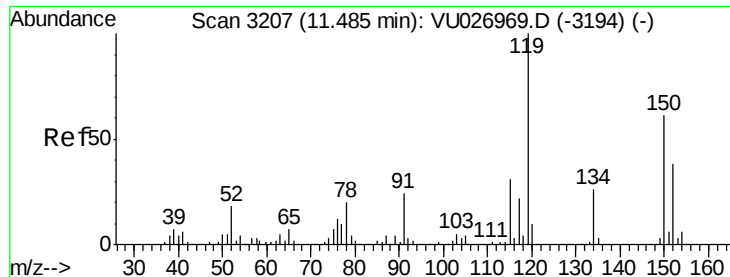
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027306.D
 Acq: 29 Sep 2018 05:25

Tgt Ion: 117 Resp: 161750
 Ion Ratio Lower Upper
 117 100
 82 62.2 48.0 72.0
 119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
 Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
 Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027306.D

Acq: 29 Sep 2018 05:25

Instrument :

MSVOA_U

ClientSampleId :

SA-TW502-0913

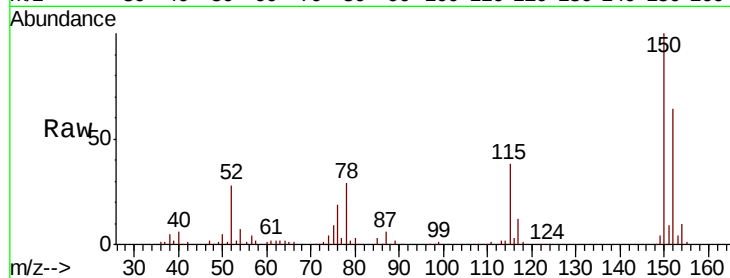
Tgt Ion:152 Resp: 77233

Ion Ratio Lower Upper

152 100

115 60.7 44.9 134.5

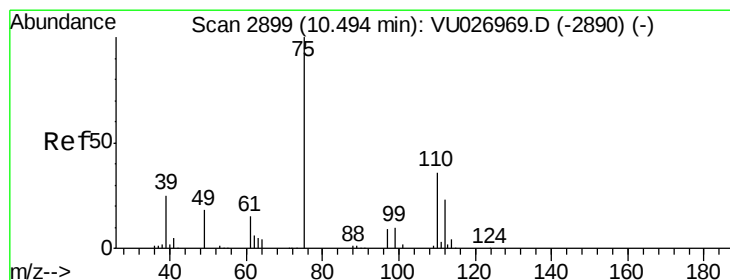
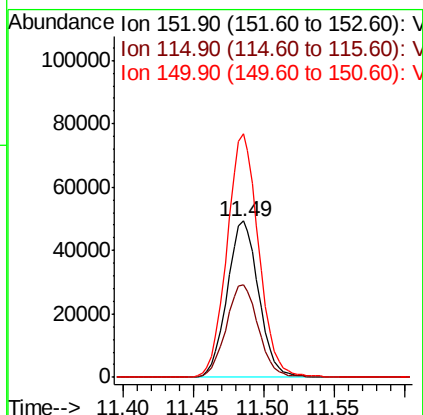
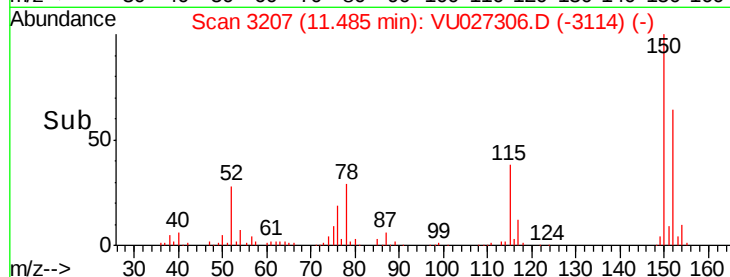
150 156.9 0.0 355.8



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: 20.486 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027306.D

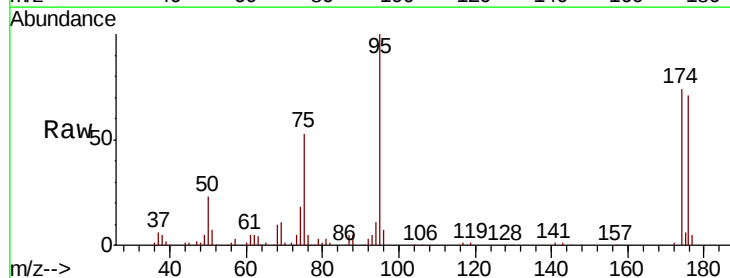
Acq: 29 Sep 2018 05:25

Tgt Ion: 75 Resp: 48066

Ion Ratio Lower Upper

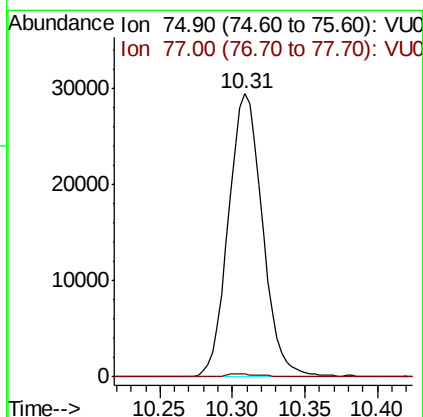
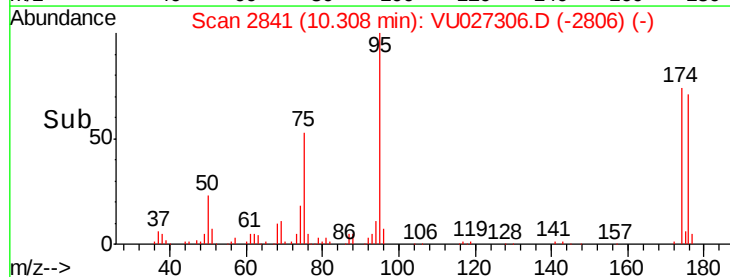
75 100

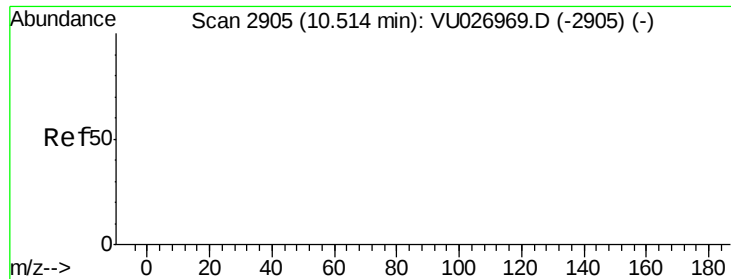
77 0.9 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

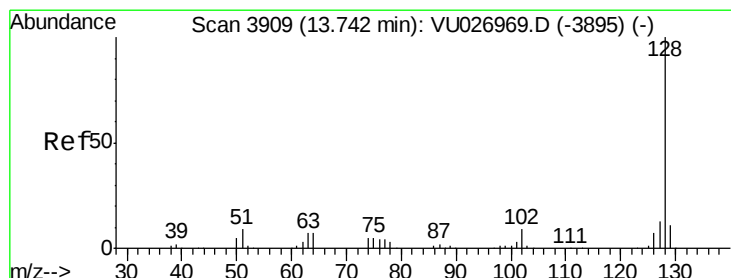
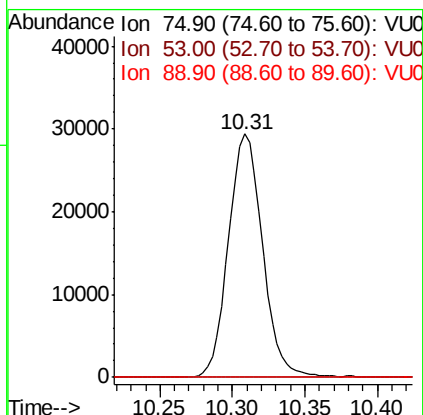
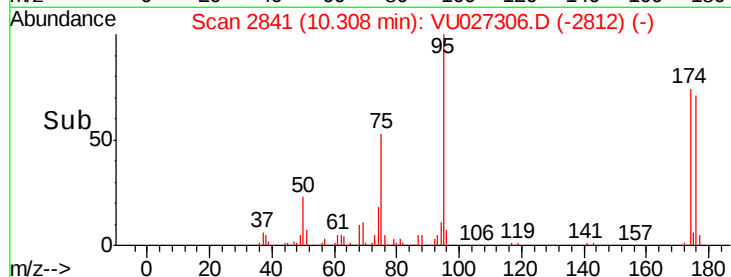
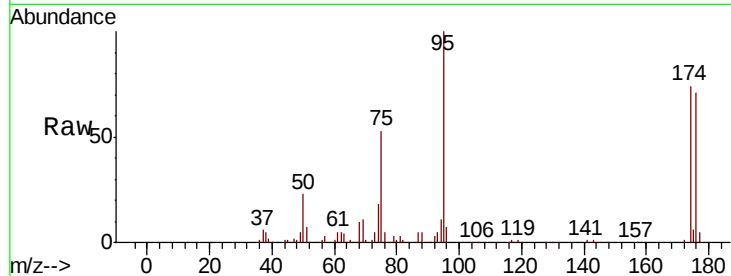




#81
trans-1,4-Dichloro-2-butene
Concen: 65.558 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027306.D
Acq: 29 Sep 2018 05:25

Instrument :
MSVOA_U
ClientSampleId :
SA-TW502-0913

Tgt Ion: 75 Resp: 48066
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#95
Naphthalene
Concen: 1.735 ug/l
RT: 13.77 min Scan# 3918
Delta R.T. 0.03 min
Lab File: VU027306.D
Acq: 29 Sep 2018 05:25

Tgt Ion: 128 Resp: 306
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

