

Data File : VU027049.D
Acq On : 23 Sep 2018 04:57
Operator : MD/SY
Sample : J4958-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 91 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW10-20180915

Quant Time: Sep 24 05:47:34 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	94354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156572	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70990	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97071	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	4.89	113	67180	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	7.57	98	252633	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.31	95	80766	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	

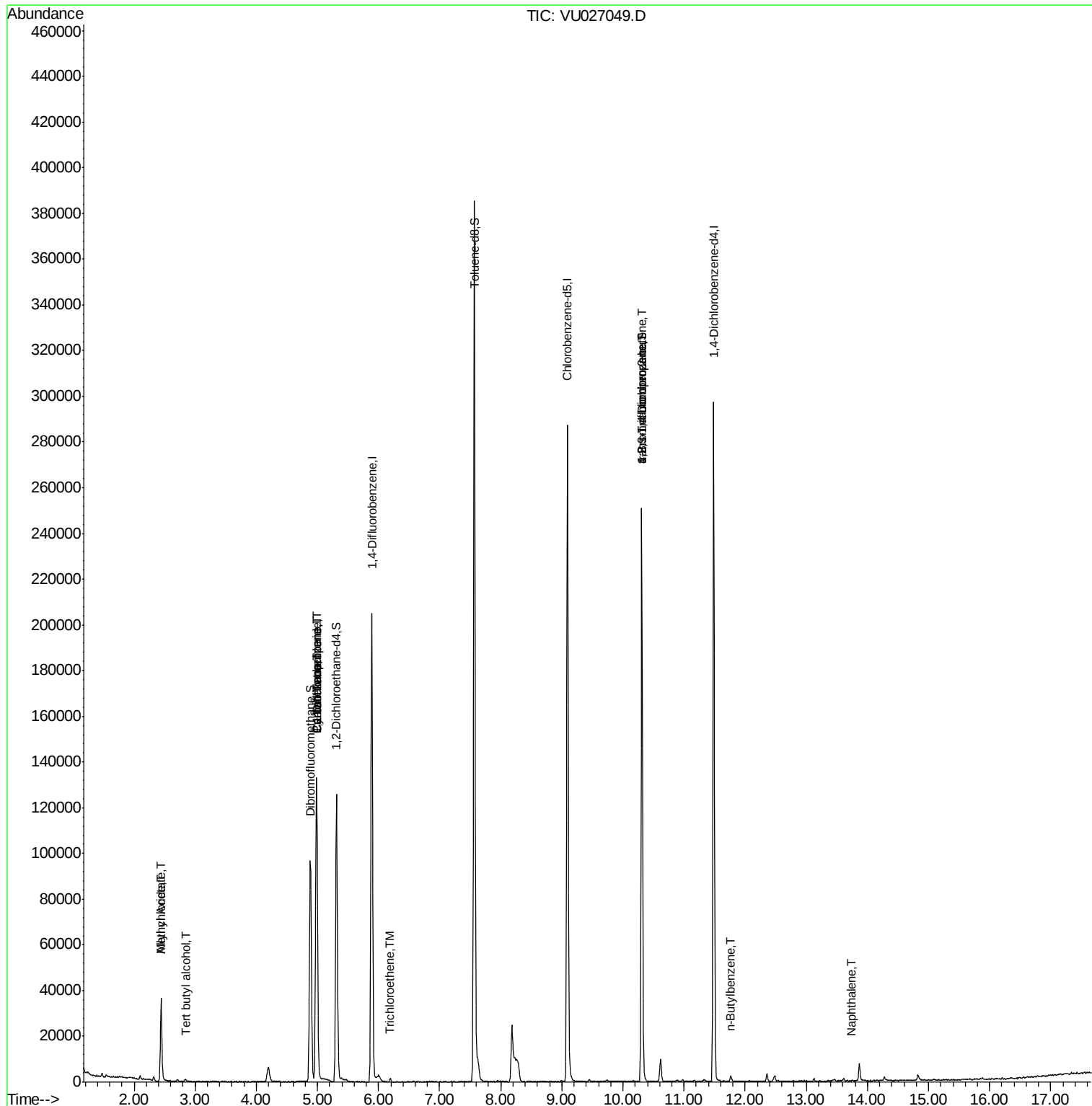
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.83	59	681	1.565	ug/l #	72
14) Allyl chloride	2.44	41	3586	1.357	ug/l #	68
16) Acetone	2.32	43	2114	Below Cal		97
18) Methyl Acetate	2.44	43	9067	3.354	ug/l #	55
31) Cyclohexane	4.98	56	2464	0.299	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9246	4.425	ug/l #	49
38) Carbon Tetrachloride	4.99	117	10071	5.064	ug/l #	18
44) Trichloroethene	6.19	130	498	0.368	ug/l	96
76) 1,2,3-Trichloropropane	10.31	75	44066	20.433	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	44066	65.388	ug/l #	100
89) n-Butylbenzene	11.76	91	142	2.420	ug/l #	33
95) Naphthalene	13.75	128	298	1.738	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

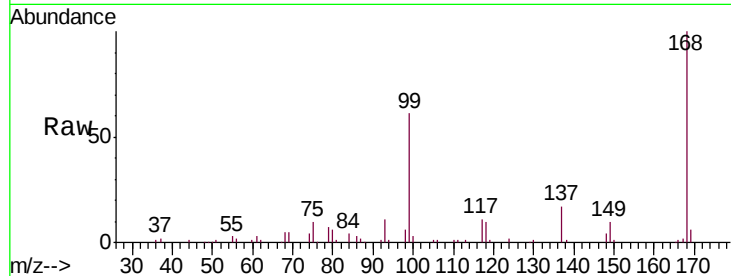
BP-TT-AOC22-MW10-20180915

Tgt Ion:168 Resp: 94354

Ion Ratio Lower Upper

168 100

99 60.9 48.1 72.1

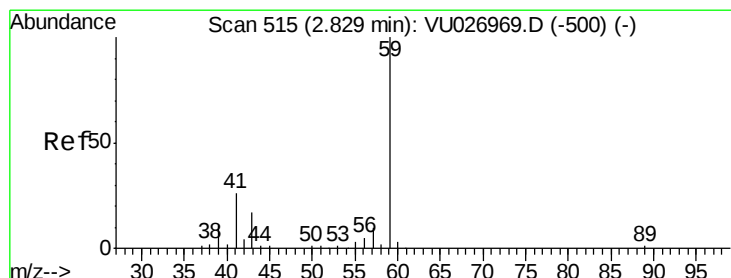
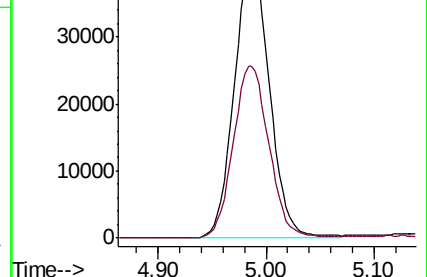
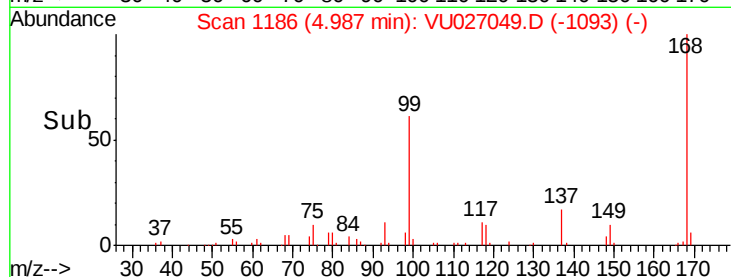


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->



#11

Tert butyl alcohol

Concen: 1.565 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027049.D

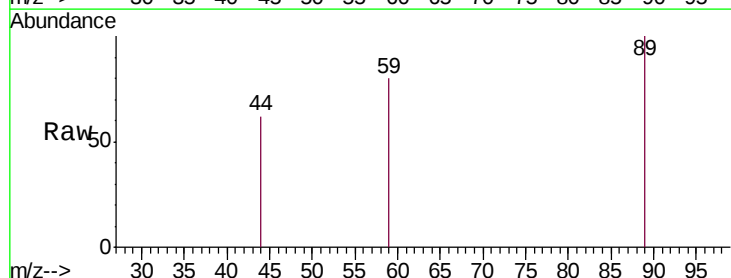
Acq: 23 Sep 2018 04:57

Tgt Ion: 59 Resp: 681

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

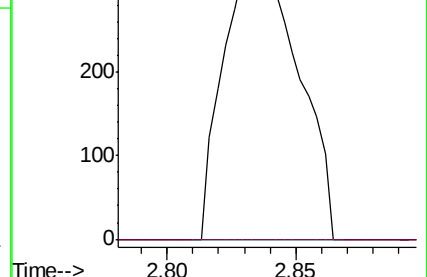
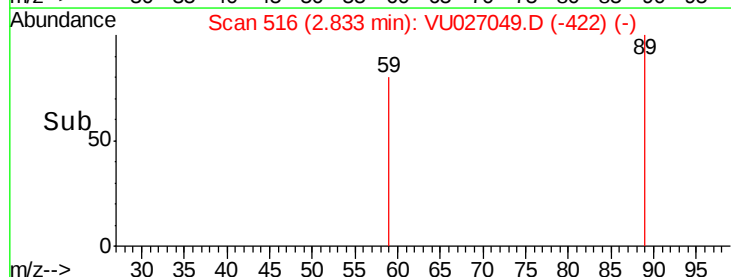


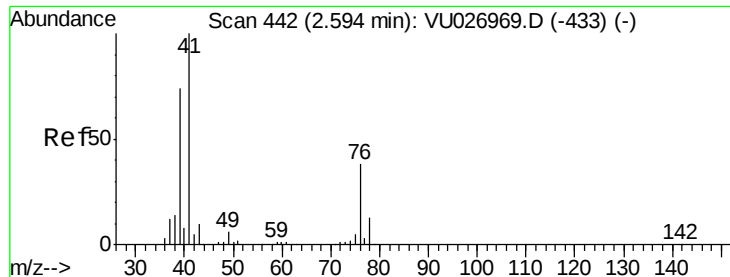
Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

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

2.83

Time-->





#14

Allyl chloride

Concen: 1.357 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.15 min

Lab File: VU027049.D

Acq: 23 Sep 2018 04:57

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW10-20180915

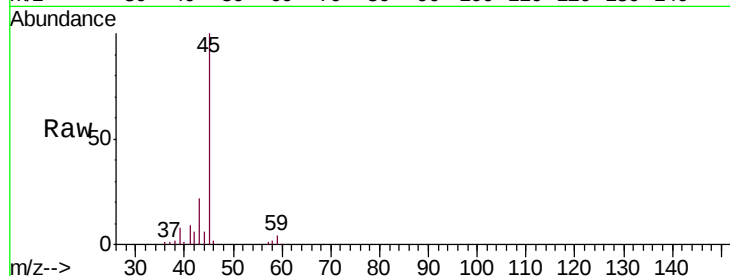
Tgt Ion: 41 Resp: 3586

Ion Ratio Lower Upper

41 100

39 85.0 55.7 83.5#

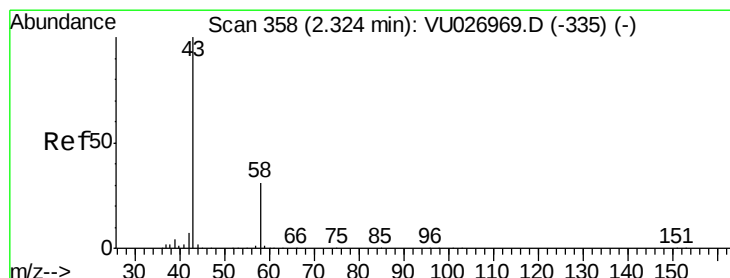
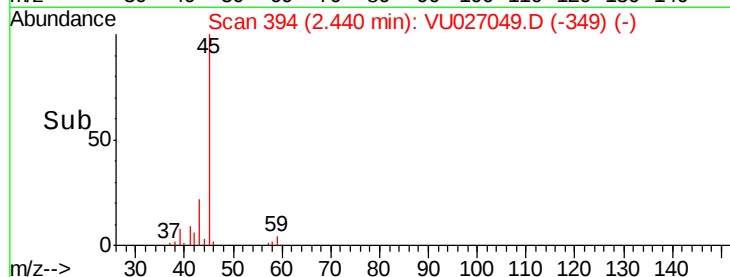
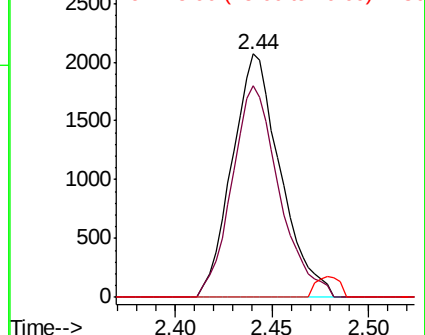
76 0.0 26.5 39.7#



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: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027049.D

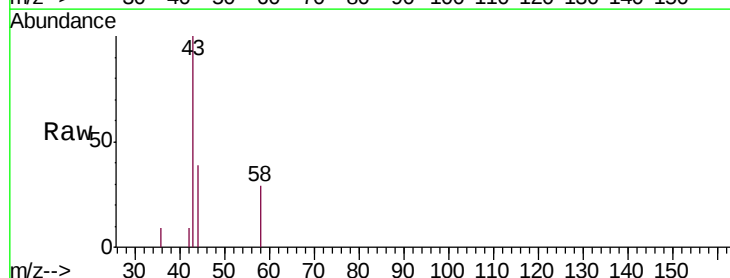
Acq: 23 Sep 2018 04:57

Tgt Ion: 43 Resp: 2114

Ion Ratio Lower Upper

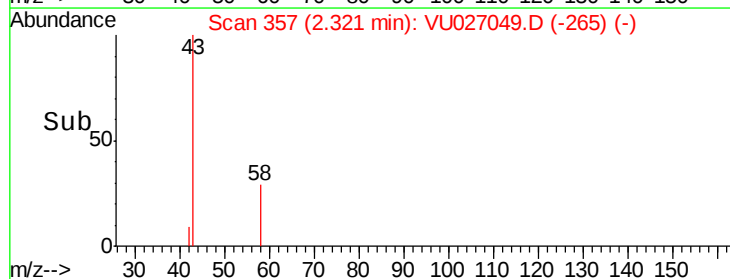
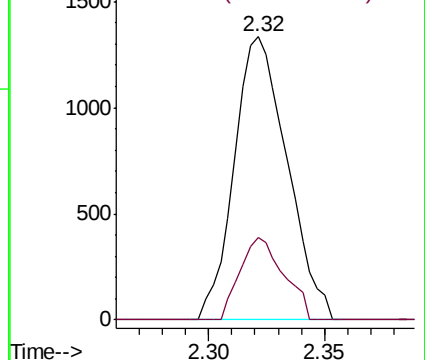
43 100

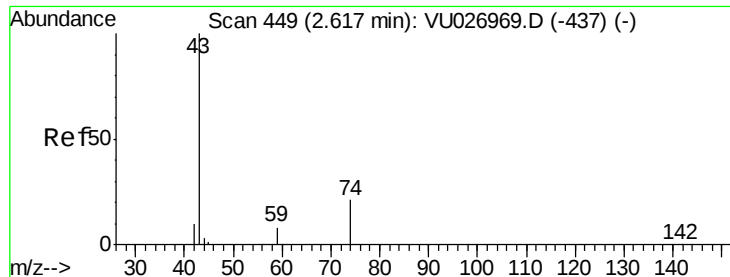
58 29.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

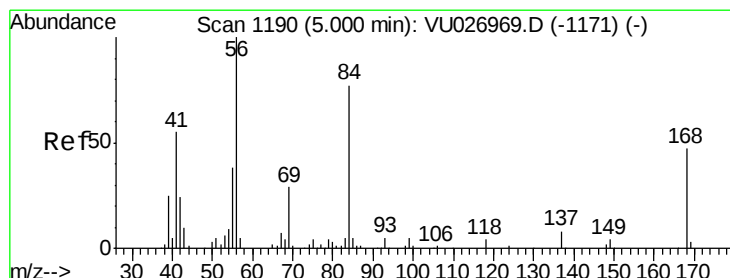
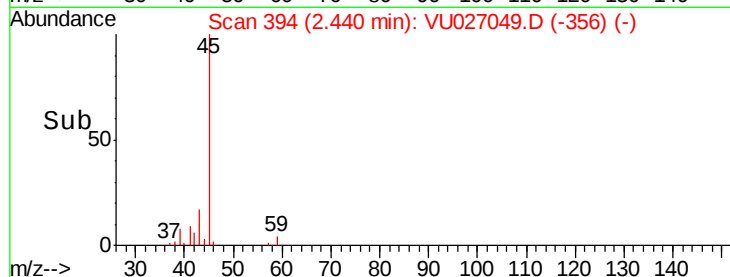
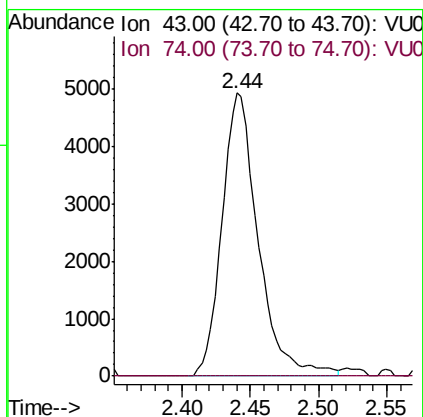
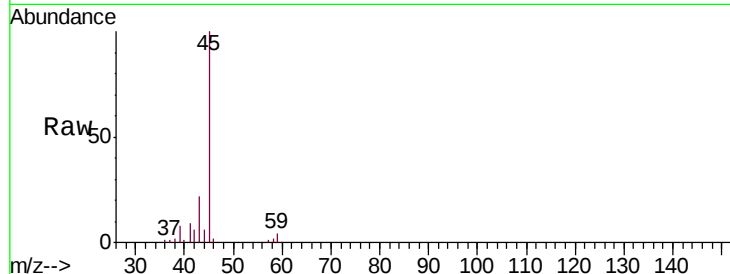




#18
Methyl Acetate
Concen: 3.354 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027049.D
Acq: 23 Sep 2018 04:57

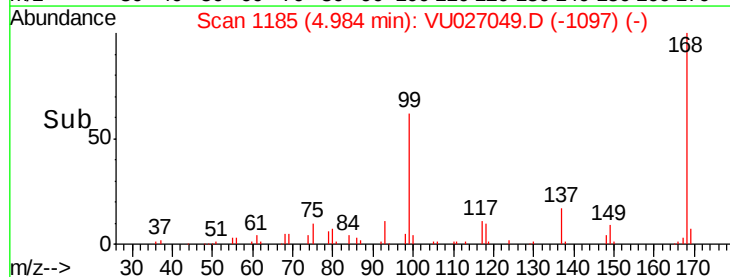
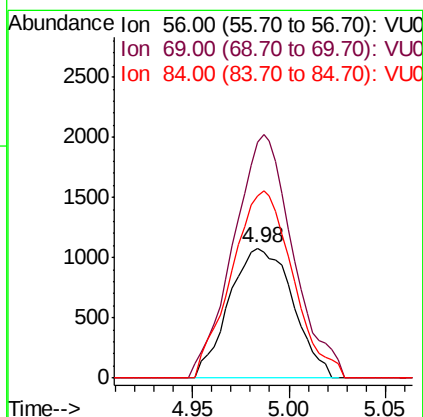
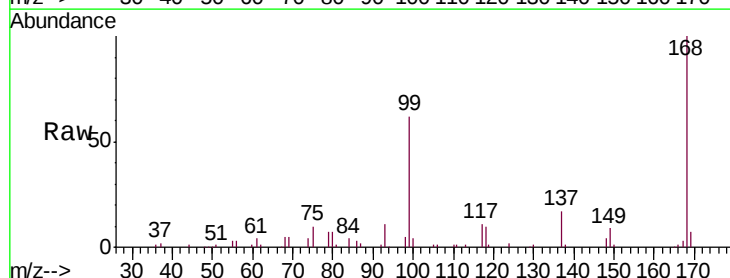
Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW10-20180915

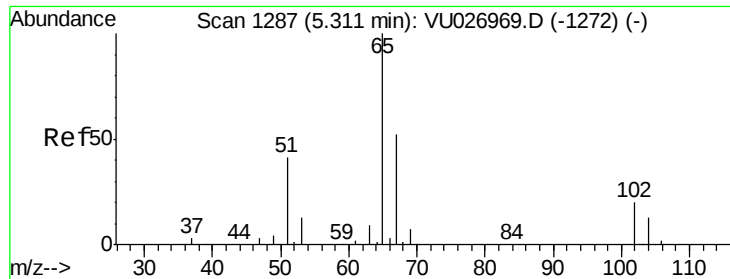
Tgt Ion: 43 Resp: 9067
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.299 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027049.D
Acq: 23 Sep 2018 04:57

Tgt Ion: 56 Resp: 2464
Ion Ratio Lower Upper
56 100
69 181.3 23.0 34.4#
84 140.6 61.4 92.2#

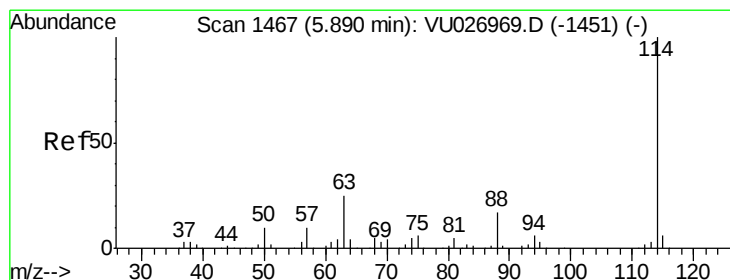
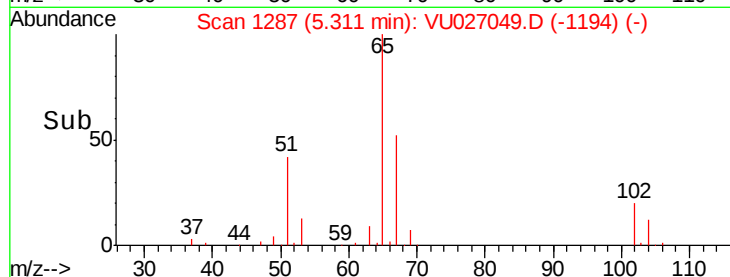
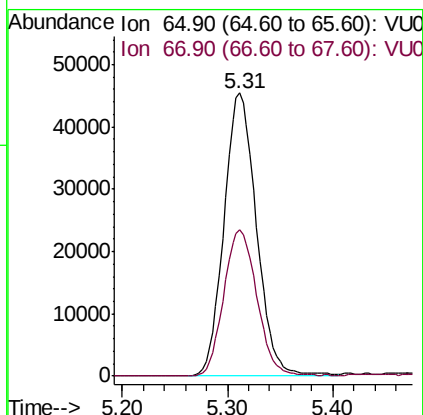
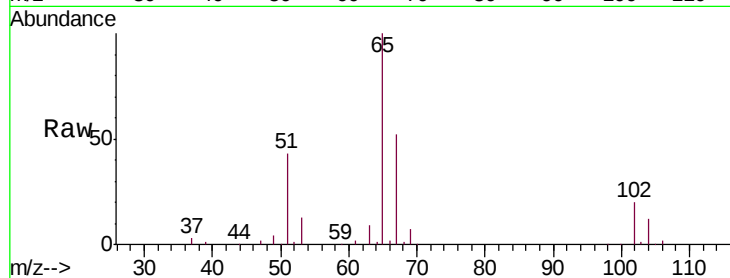




#33
 1,2-Dichloroethane-d4
 Concen: 51.116 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027049.D
 Acq: 23 Sep 2018 04:57

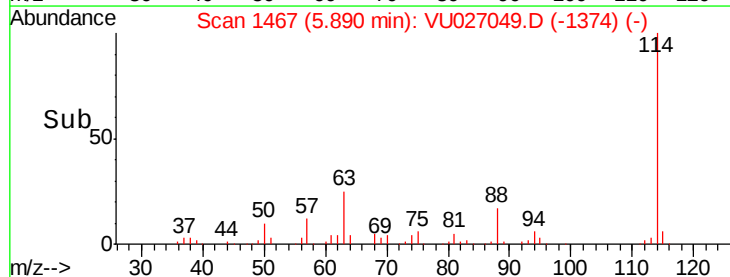
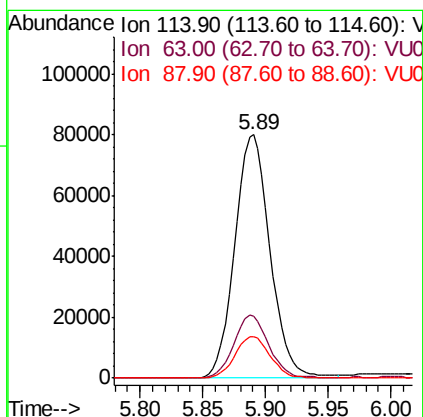
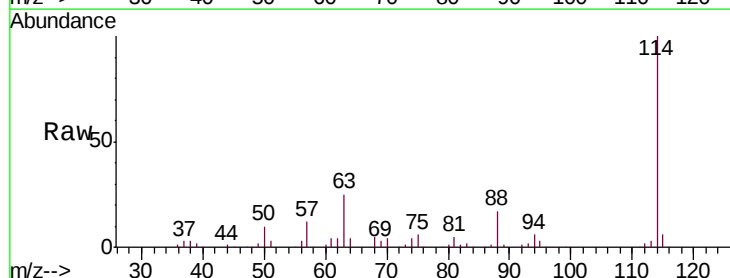
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 ClientSampleId :
 BP-TT-AOC22-MW10-20180915

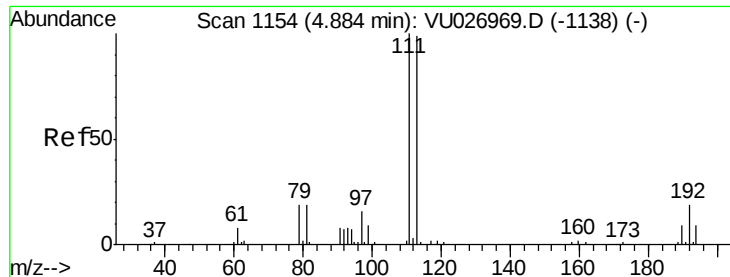
Tgt Ion: 65 Resp: 97071
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027049.D
 Acq: 23 Sep 2018 04:57

Tgt Ion: 114 Resp: 156572
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.1 0.0 33.8

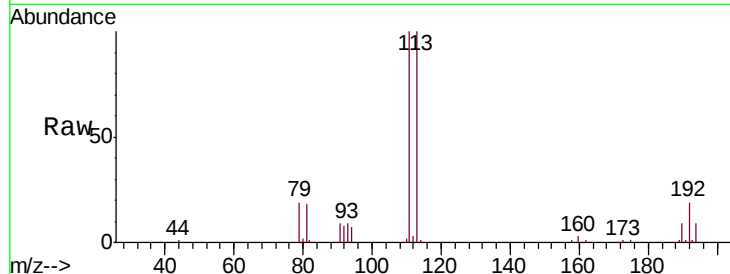




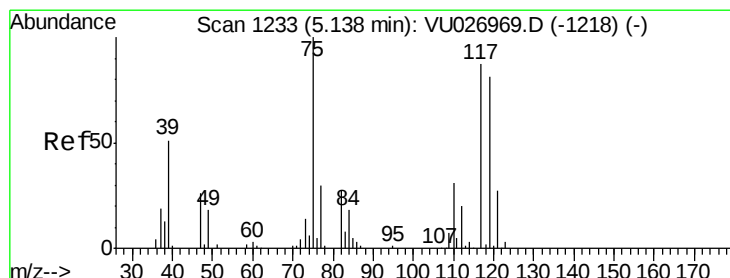
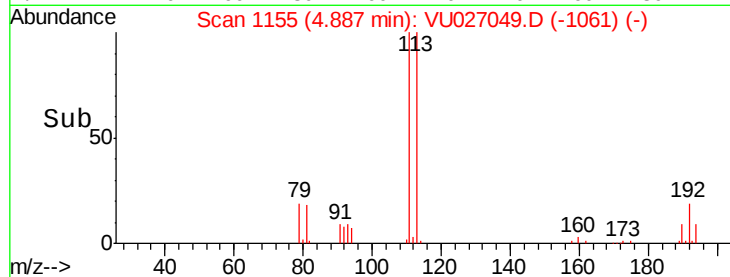
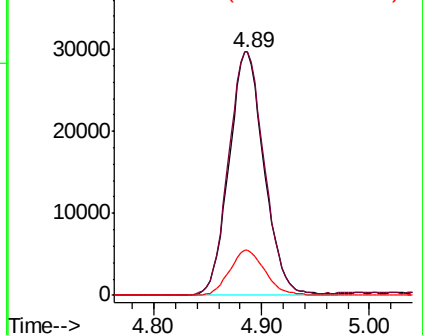
#35
 Dibromofluoromethane
 Concen: 49.500 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027049.D
 Acq: 23 Sep 2018 04:57

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TT-AOC22-MW10-20180915

Tgt Ion:113 Resp: 67180
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 18.6 15.2 22.8

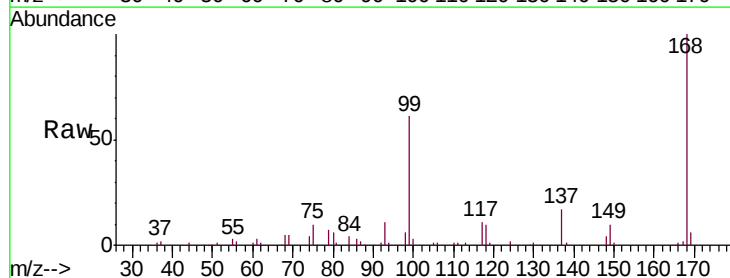


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

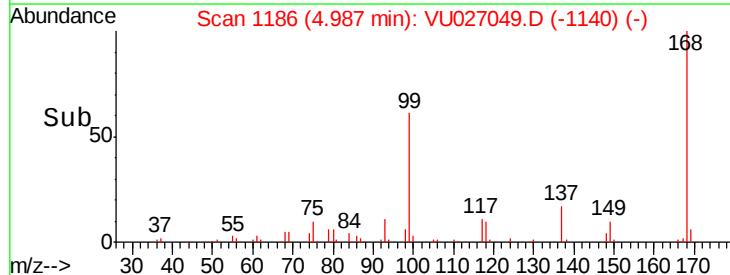
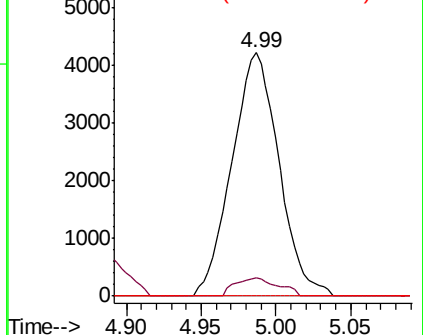


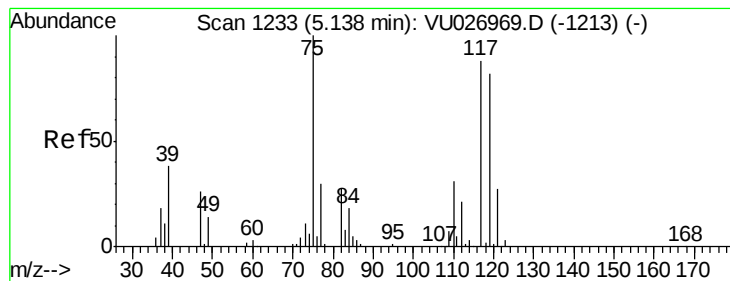
#36
 1,1-Dichloropropene
 Concen: 4.425 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027049.D
 Acq: 23 Sep 2018 04:57

Tgt Ion: 75 Resp: 9246
 Ion Ratio Lower Upper
 75 100
 110 6.8 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: 5.064 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027049.D

Acq: 23 Sep 2018 04:57

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW10-20180915

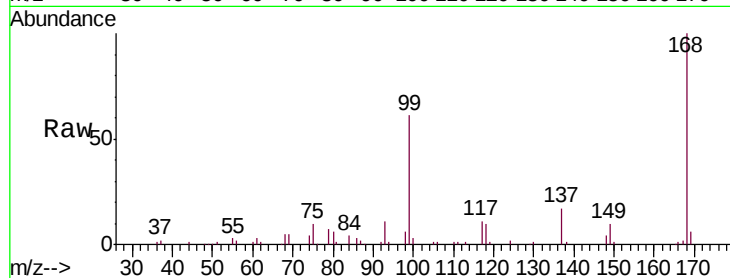
Tgt Ion:117 Resp: 10071

Ion Ratio Lower Upper

117 100

119 5.6 74.4 111.6#

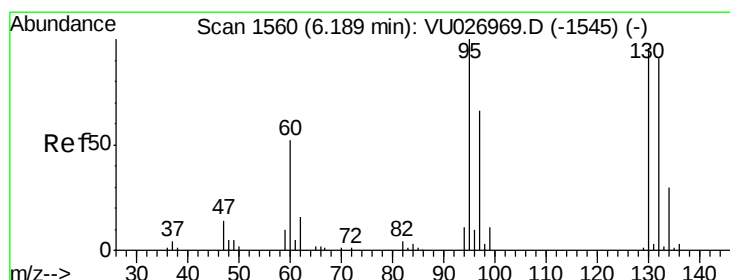
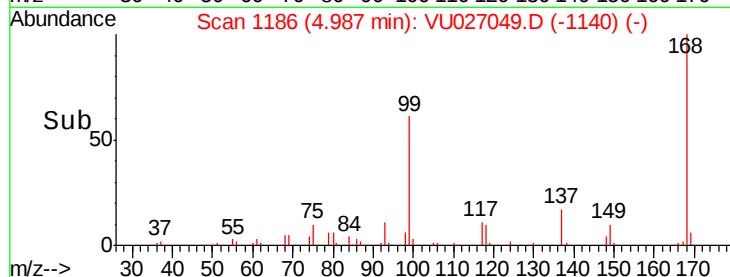
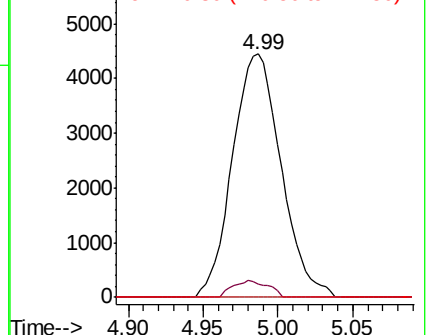
121 0.0 24.2 36.4#



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



#44

Trichloroethene

Concen: 0.368 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027049.D

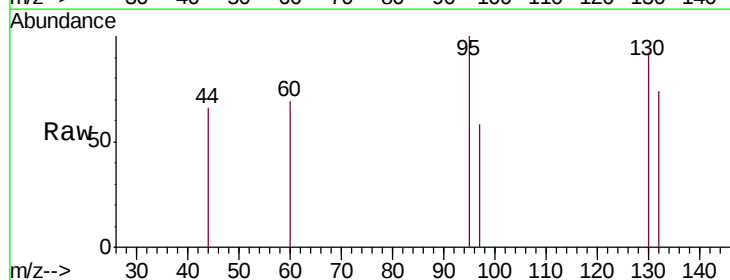
Acq: 23 Sep 2018 04:57

Tgt Ion:130 Resp: 498

Ion Ratio Lower Upper

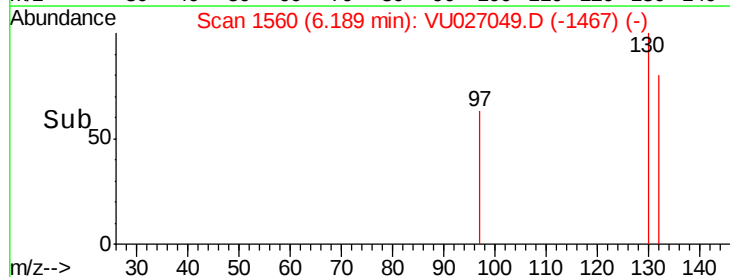
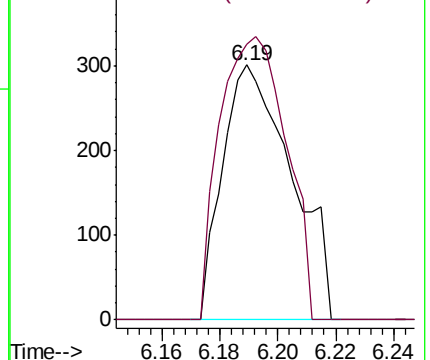
130 100

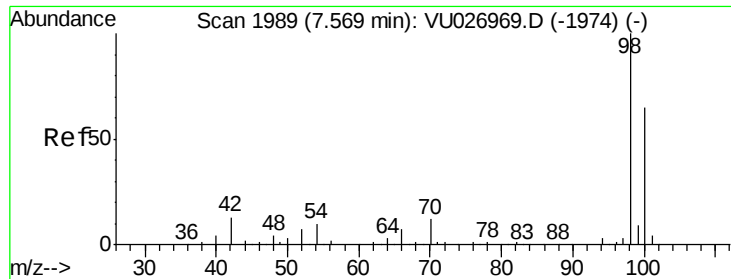
95 108.3 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

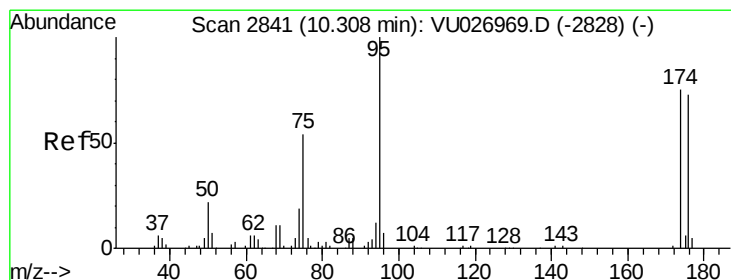
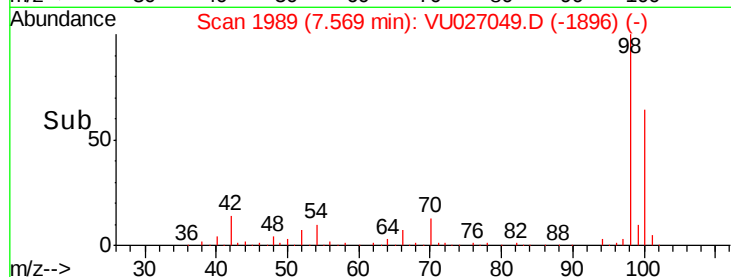
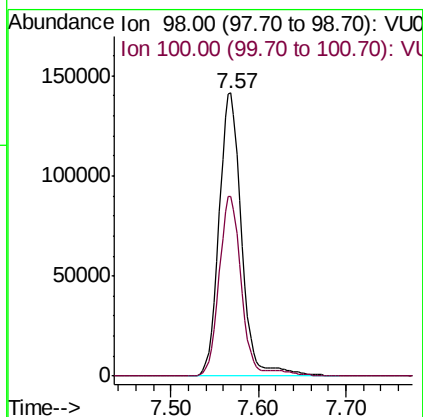
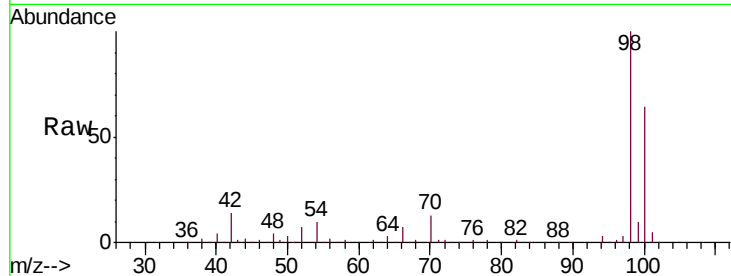




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027049.D
Acq: 23 Sep 2018 04:57

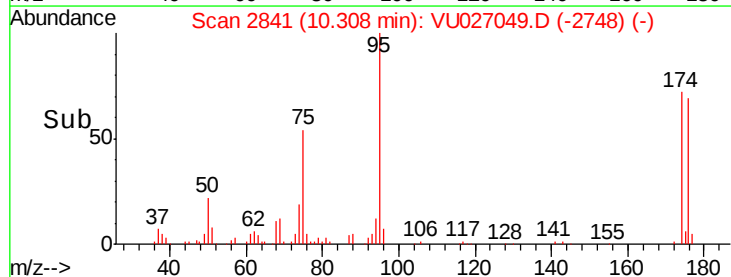
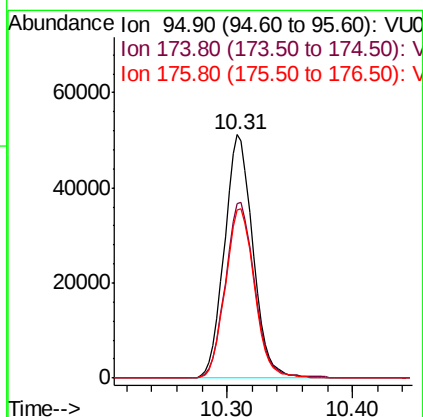
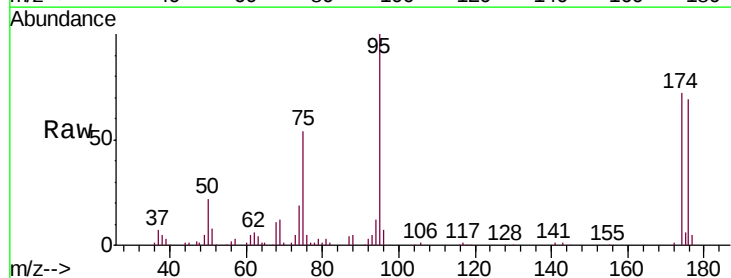
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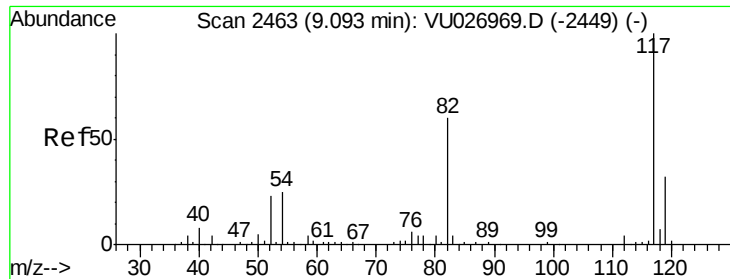
Tgt Ion: 98 Resp: 252633
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.508 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027049.D
Acq: 23 Sep 2018 04:57

Tgt Ion: 95 Resp: 80766
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.2
176 71.0 0.0 145.2

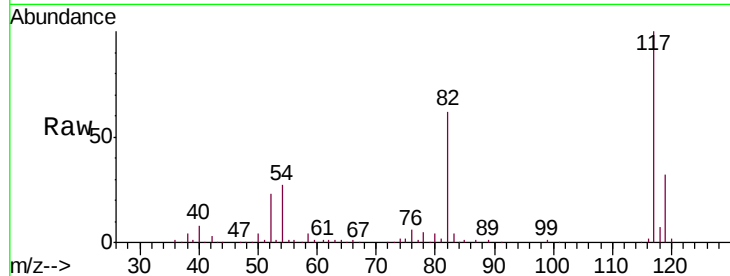




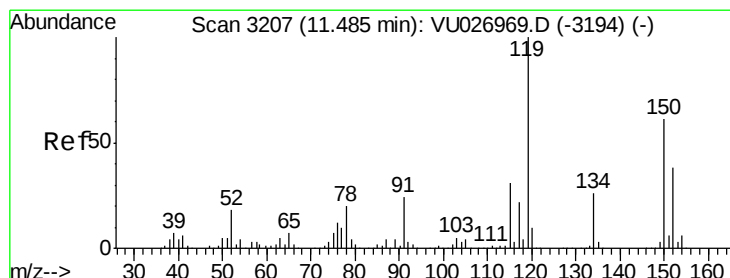
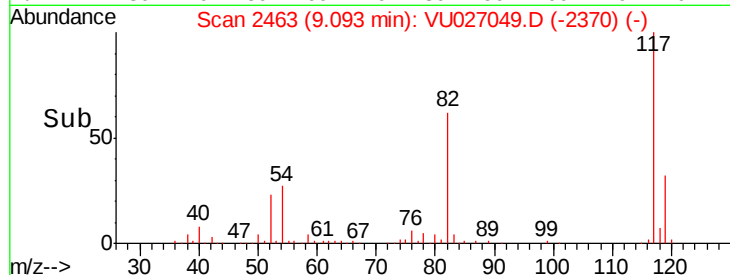
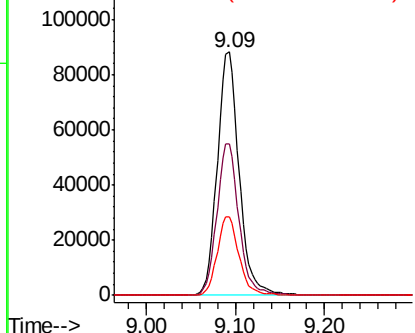
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027049.D
Acq: 23 Sep 2018 04:57

Instrument :
MSVOA_U
ClientSampleId :
BP-TT-AOC22-MW10-20180915

Tgt Ion:117 Resp: 149653
Ion Ratio Lower Upper
117 100
82 62.0 48.0 72.0
119 32.1 25.8 38.8

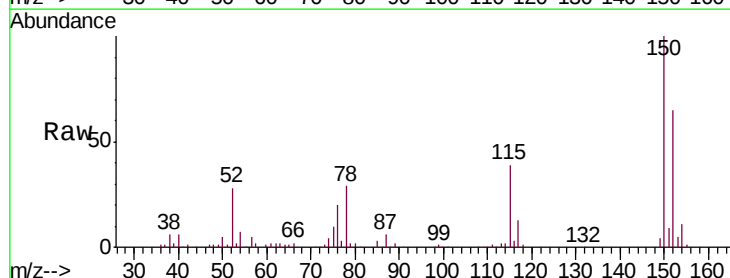


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

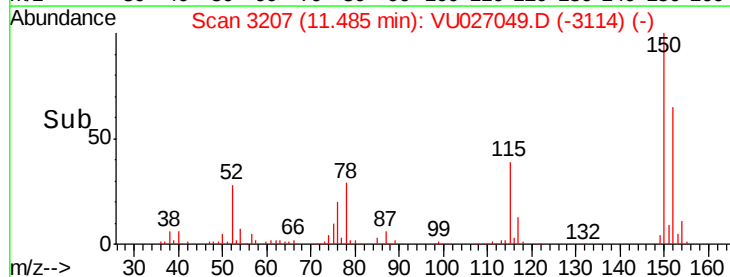
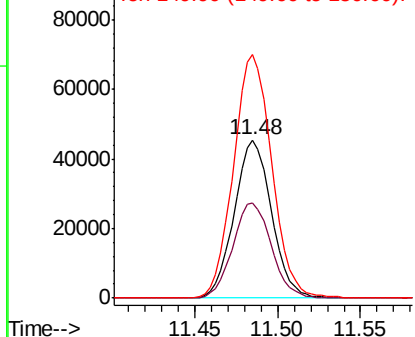


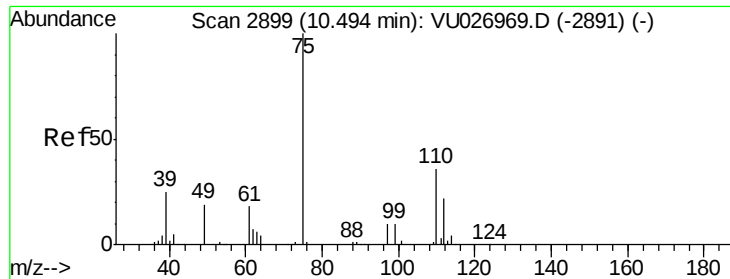
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027049.D
Acq: 23 Sep 2018 04:57

Tgt Ion:152 Resp: 70990
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 159.1 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: 20.433 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027049.D

Acq: 23 Sep 2018 04:57

Instrument :

MSVOA_U

ClientSampleId :

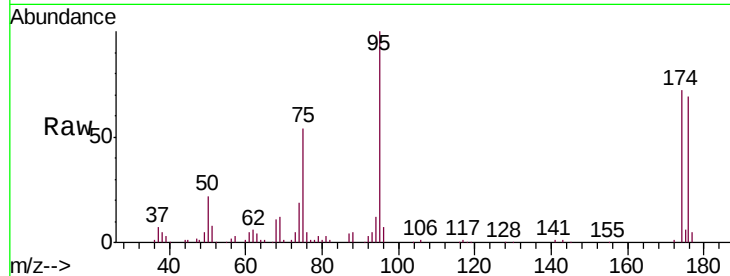
BP-TT-AOC22-MW10-20180915

Tgt Ion: 75 Resp: 44066

Ion Ratio Lower Upper

75 100

77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

30000

25000

20000

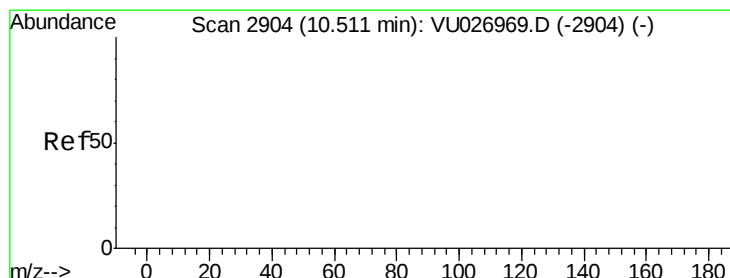
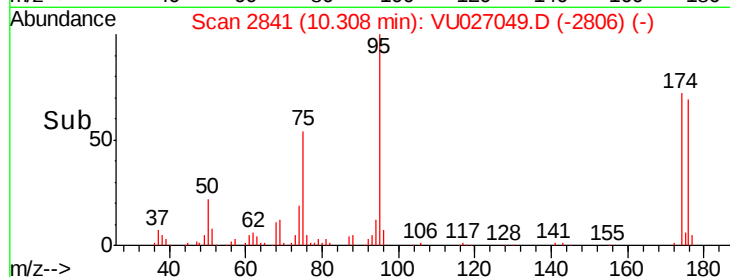
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 65.388 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027049.D

Acq: 23 Sep 2018 04:57

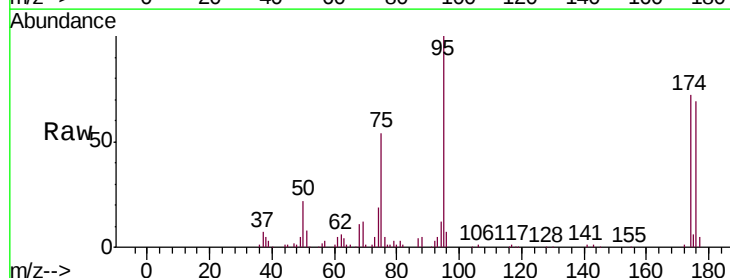
Tgt Ion: 75 Resp: 44066

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

10.31

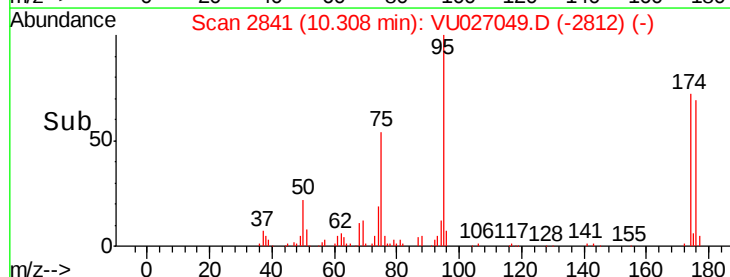
30000

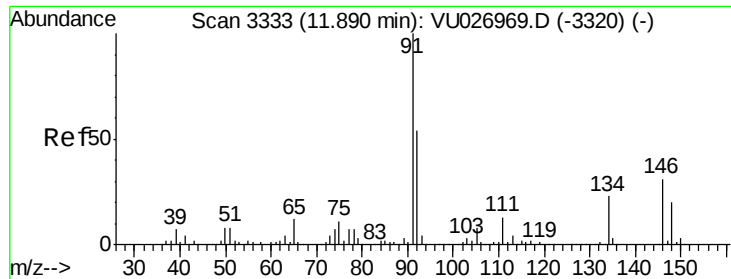
20000

10000

0

Time-->





#89

n-Butylbenzene

Concen: 2.420 ug/l

RT: 11.76 min Scan# 3294

Delta R.T. -0.12 min

Lab File: VU027049.D

Acq: 23 Sep 2018 04:57

Instrument :

MSVOA_U

ClientSampleId :

BP-TT-AOC22-MW10-20180915

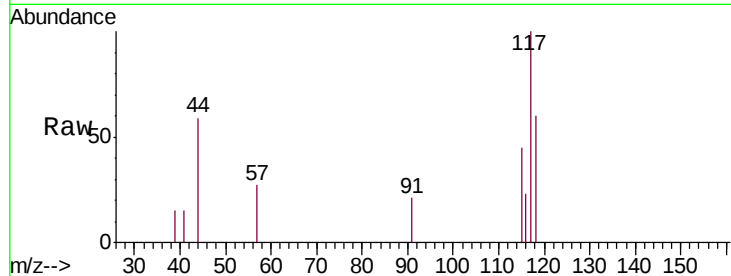
Tgt Ion: 91 Resp: 142

Ion Ratio Lower Upper

91 100

92 0.0 27.1 81.2#

134 0.0 11.7 35.0#

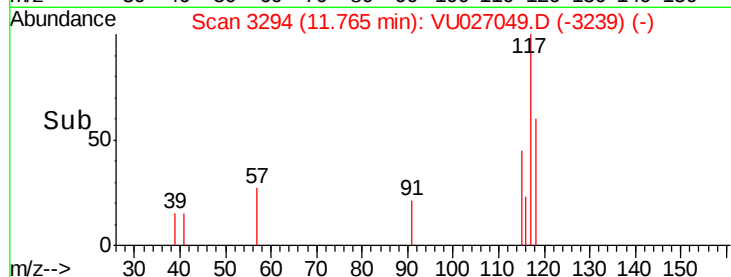


Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

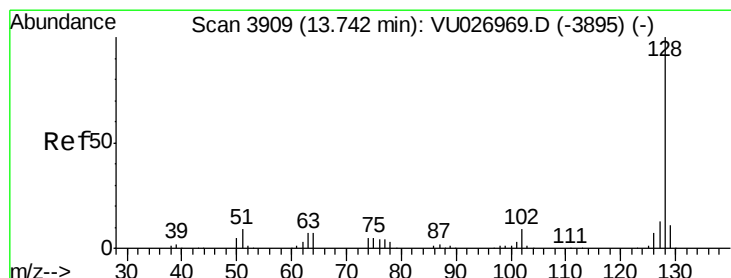
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)

Time-->



Time-->



#95

Naphthalene

Concen: 1.738 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027049.D

Acq: 23 Sep 2018 04:57

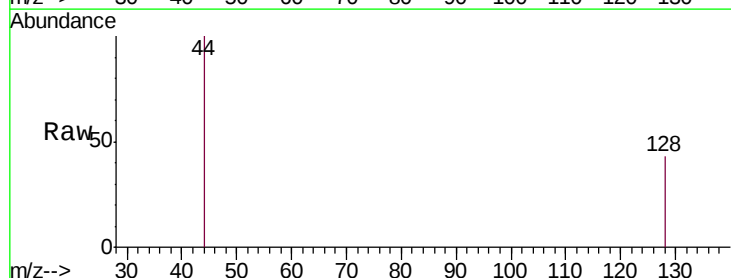
Tgt Ion: 128 Resp: 298

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#

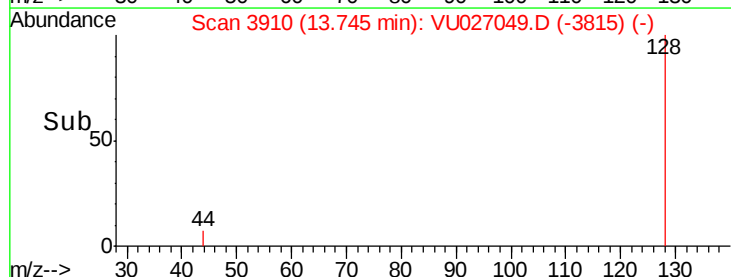


Abundance Ion 128.00 (127.70 to 128.70): VU026969.D (-3895) (-)

Ion 127.00 (126.70 to 127.70): VU026969.D (-3895) (-)

Ion 129.00 (128.70 to 129.70): VU026969.D (-3895) (-)

Time-->



Time-->