

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027403.D
 Acq On : 04 Oct 2018 13:09
 Operator : MD/SY
 Sample : J5084-20 50X
 Misc : 5.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-3(14.5-15)

Quant Time: Oct 05 03:13:46 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	99534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	169643	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	162819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87135	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	100805	60.65	ug/l	0.00
Spiked Amount			Recovery	=	121.30%	
35) Dibromofluoromethane	4.89	113	69870	60.10	ug/l	0.00
Spiked Amount			Recovery	=	120.20%	
50) Toluene-d8	7.57	98	260643	59.90	ug/l	0.00
Spiked Amount			Recovery	=	119.80%	
62) 4-Bromofluorobenzene	10.31	95	92536	57.22	ug/l	0.00
Spiked Amount			Recovery	=	114.44%	

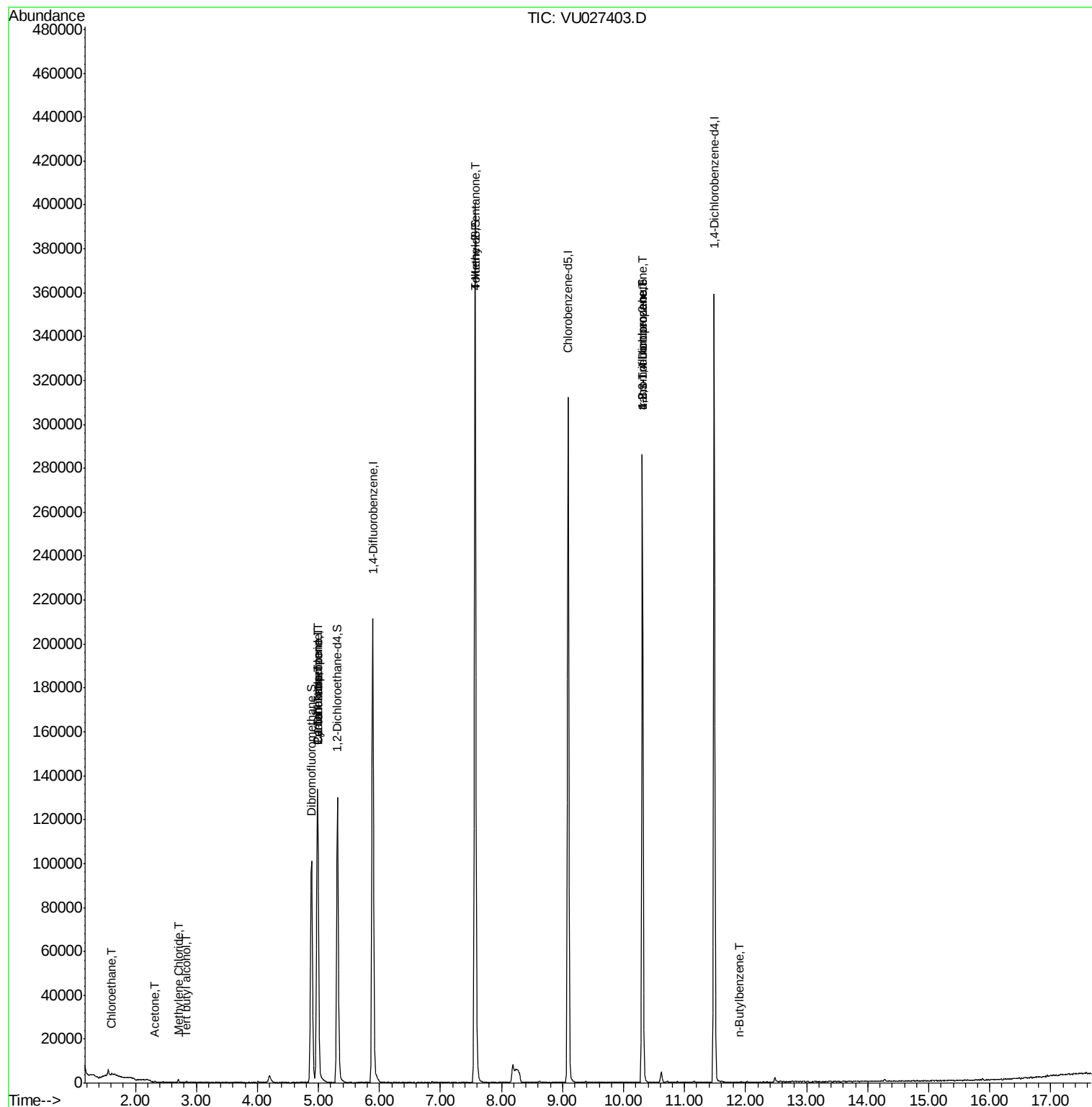
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.62	64	452	0.412	ug/l #	44
11) Tert butyl alcohol	2.83	59	180	0.514	ug/l #	72
16) Acetone	2.33	43	353	0.360	ug/l #	44
20) Methylene Chloride	2.70	84	584	0.427	ug/l #	79
31) Cyclohexane	4.98	56	2379	0.658	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9440	5.125	ug/l #	49
38) Carbon Tetrachloride	4.98	117	9994	6.007	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1272	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	50464	22.342	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	50464	58.471	ug/l #	100
89) n-Butylbenzene	11.89	91	103	1.967	ug/l #	33

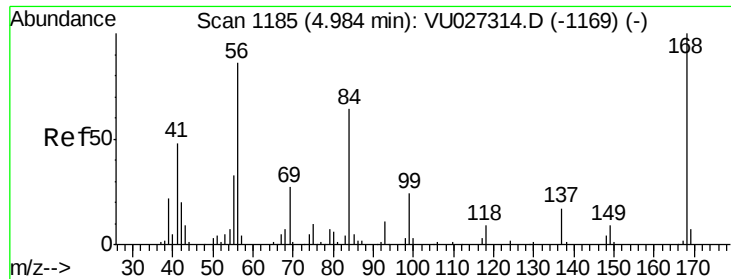
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027403.D

Acq: 04 Oct 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

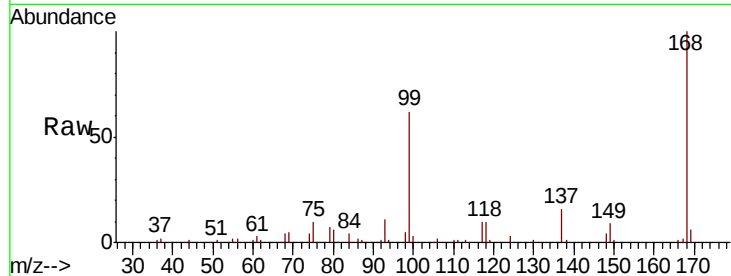
B-3(14.5-15)

Tgt Ion:168 Resp: 99534

Ion Ratio Lower Upper

168 100

99 62.2 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027403.D (-1092) (-)

4.99

50000

40000

30000

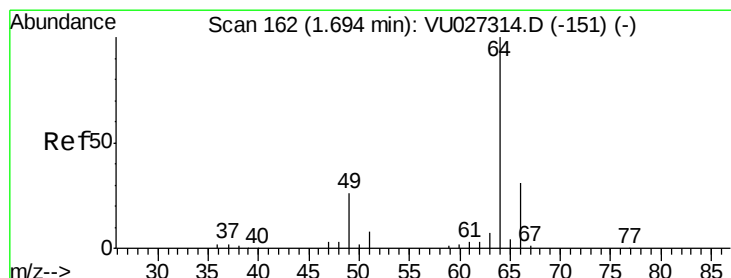
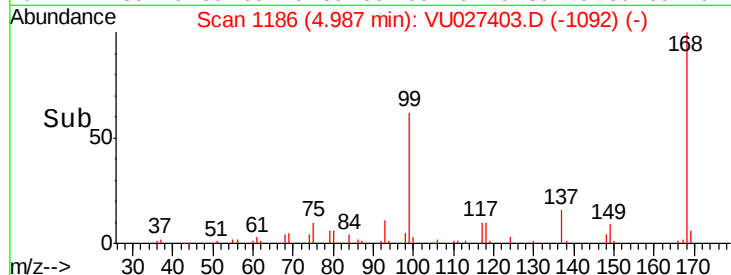
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#6

Chloroethane

Concen: 0.412 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.08 min

Lab File: VU027403.D

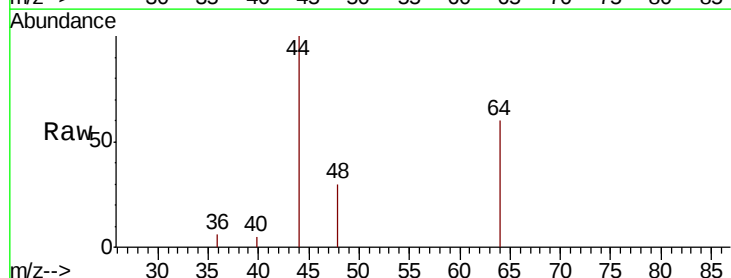
Acq: 04 Oct 2018 13:09

Tgt Ion: 64 Resp: 452

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): VU027403.D (-69) (-)

1.62

1500

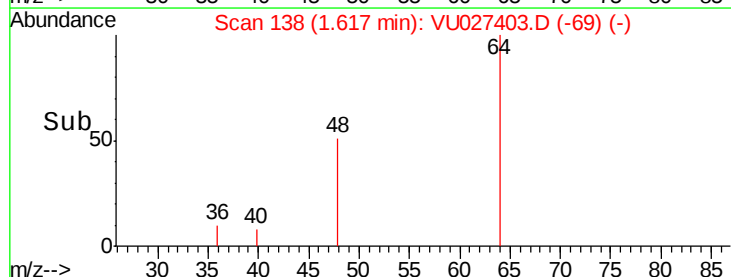
1000

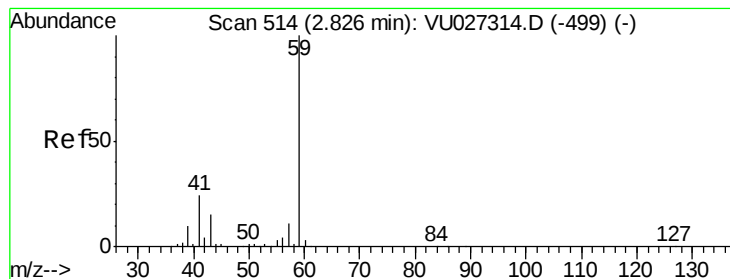
500

0

Time-->

1.59 1.60 1.61 1.62 1.63





#11

Tert butyl alcohol

Concen: 0.514 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU027403.D

Acq: 04 Oct 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

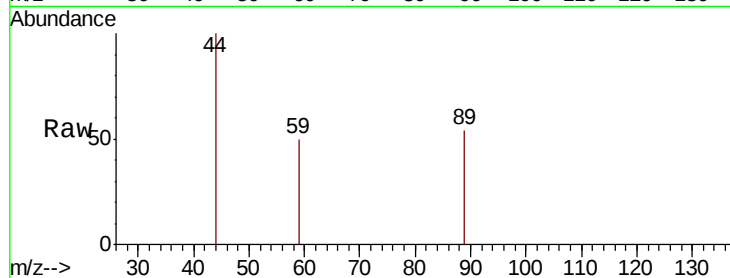
B-3(14.5-15)

Tgt Ion: 59 Resp: 180

Ion Ratio Lower Upper

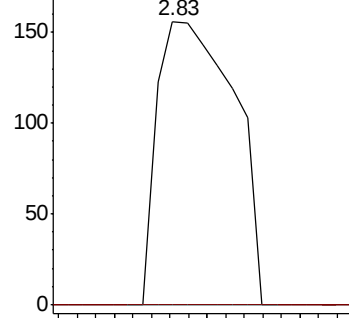
59 100

57 0.0 8.4 12.6#

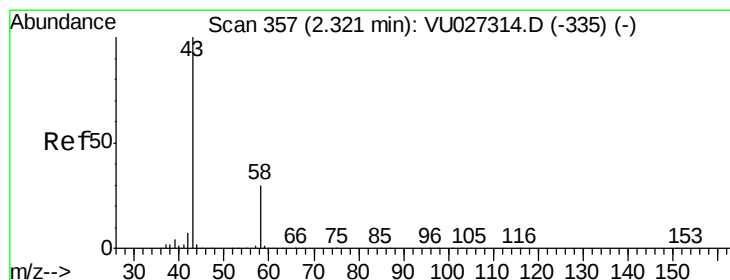
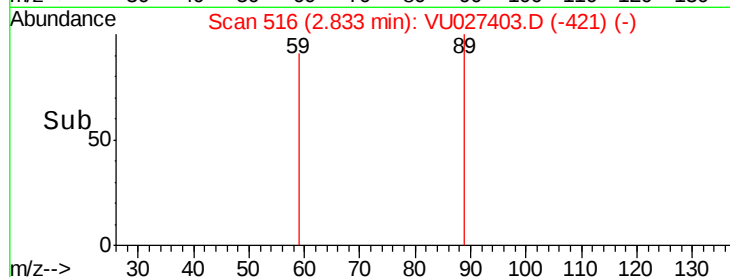


Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->



#16

Acetone

Concen: 0.360 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027403.D

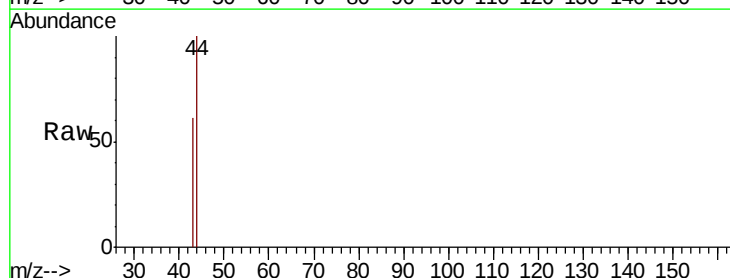
Acq: 04 Oct 2018 13:09

Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

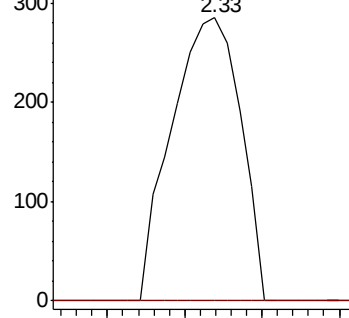
43 100

58 0.0 24.2 36.4#

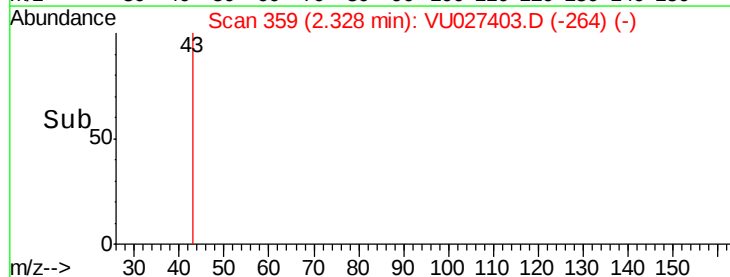


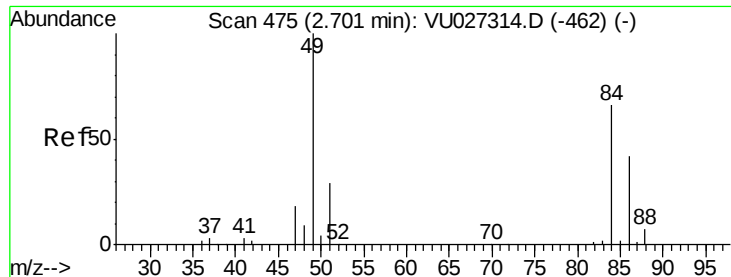
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->

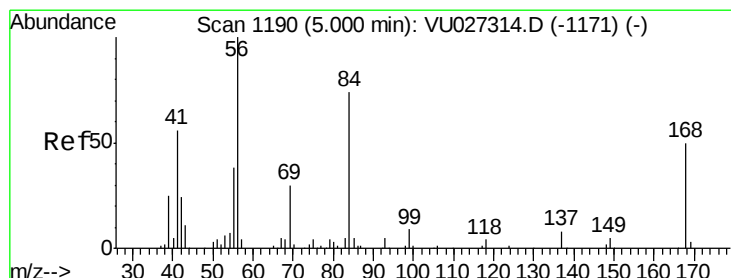
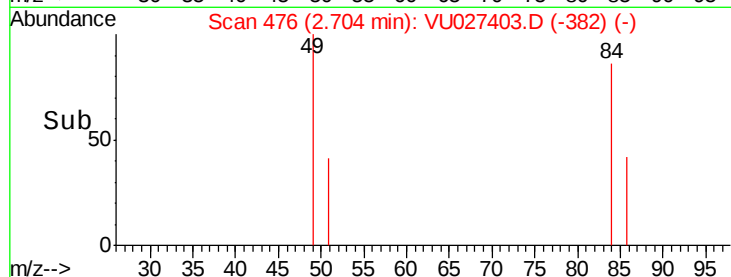
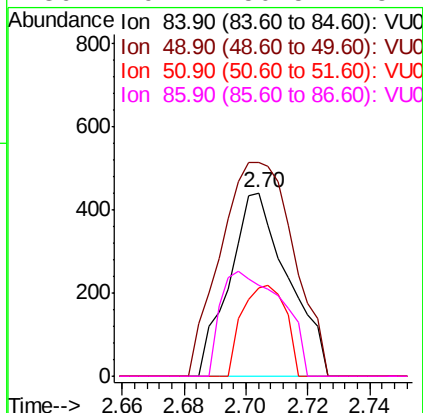
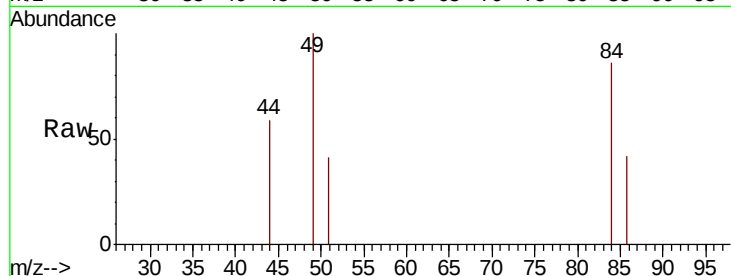




#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027403.D
Acq: 04 Oct 2018 13:09

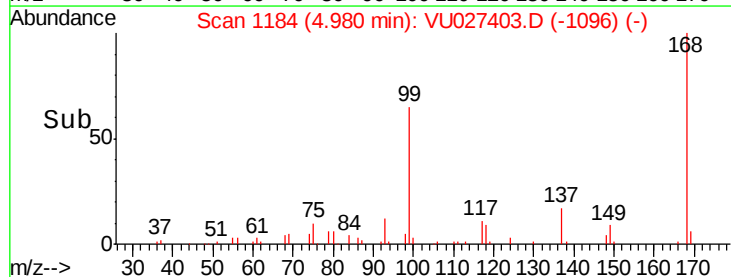
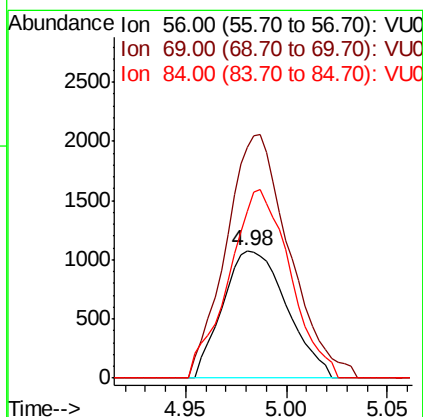
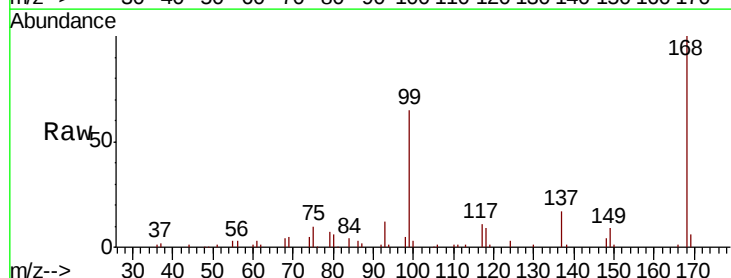
Instrument :
MSVOA_U
ClientSampleId :
B-3(14.5-15)

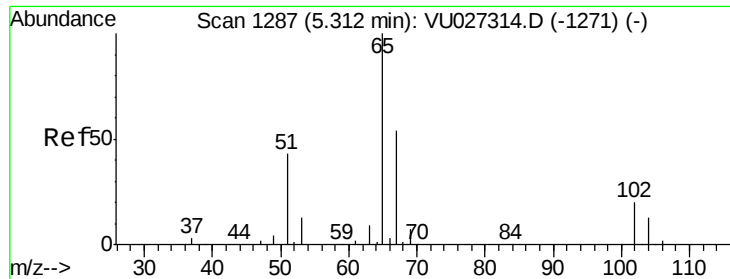
Tgt Ion: 84 Resp: 584
Ion Ratio Lower Upper
84 100
49 116.3 120.5 180.7#
51 48.1 35.1 52.7
86 49.4 50.5 75.7#



#31
Cyclohexane
Concen: 0.658 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027403.D
Acq: 04 Oct 2018 13:09

Tgt Ion: 56 Resp: 2379
Ion Ratio Lower Upper
56 100
69 181.6 24.1 36.1#
84 131.3 59.1 88.7#

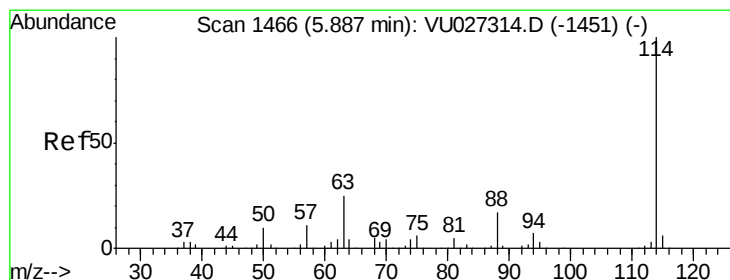
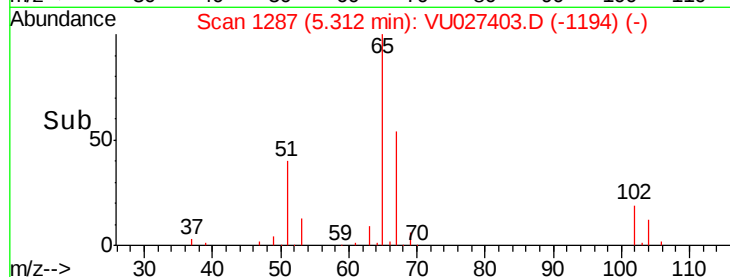
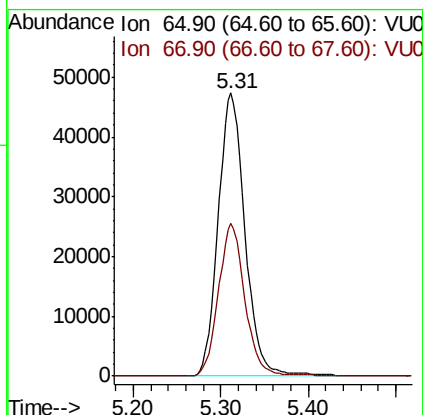
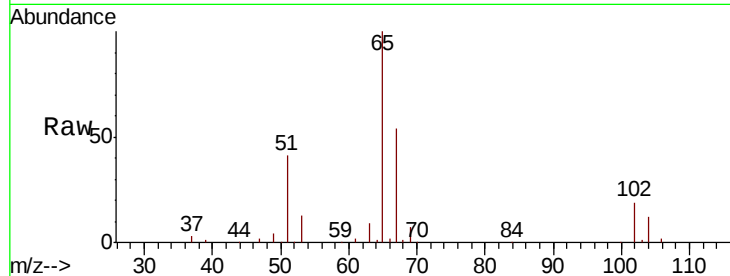




#33
 1,2-Dichloroethane-d4
 Concen: 60.651 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027403.D
 Acq: 04 Oct 2018 13:09

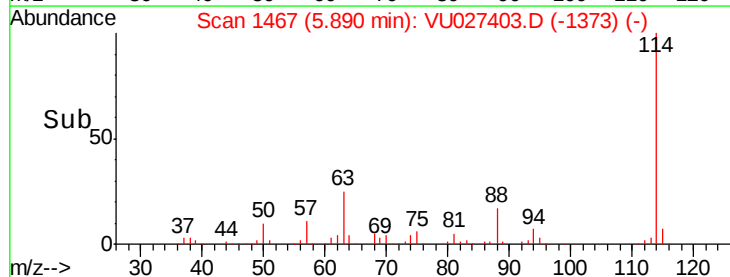
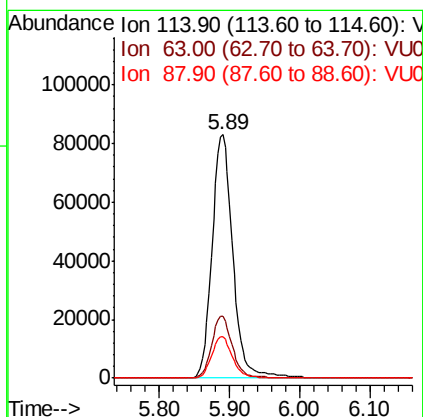
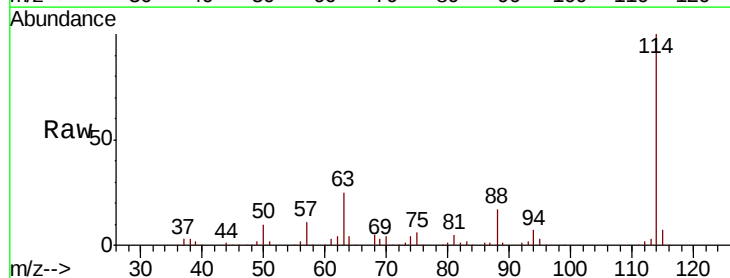
Instrument :
 MSVOA_U
 ClientSampleId :
 B-3(14.5-15)

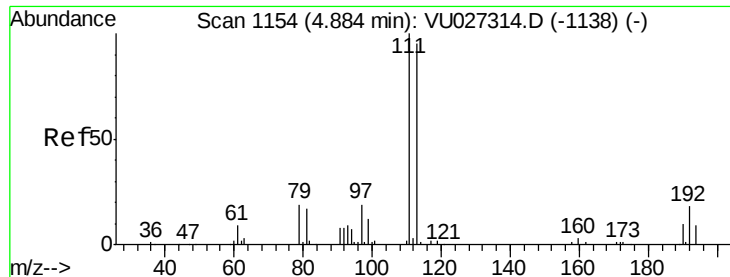
Tgt Ion: 65 Resp: 100805
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027403.D
 Acq: 04 Oct 2018 13:09

Tgt Ion: 114 Resp: 169643
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.2
 88 17.1 0.0 33.8

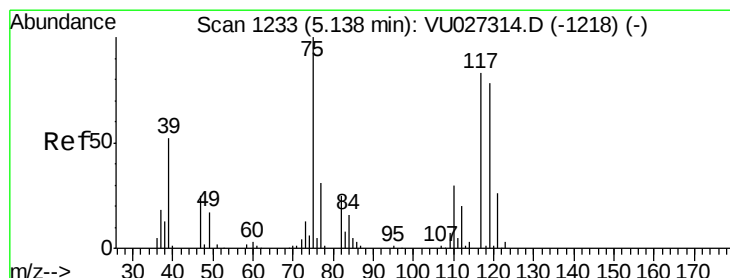
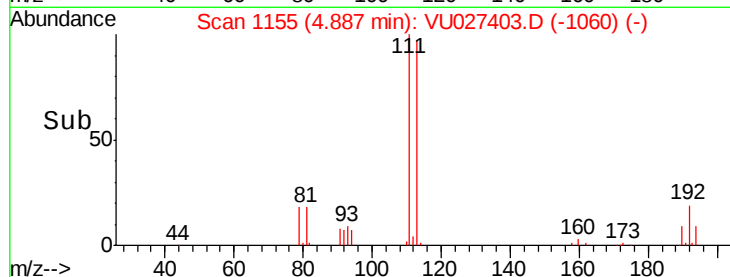
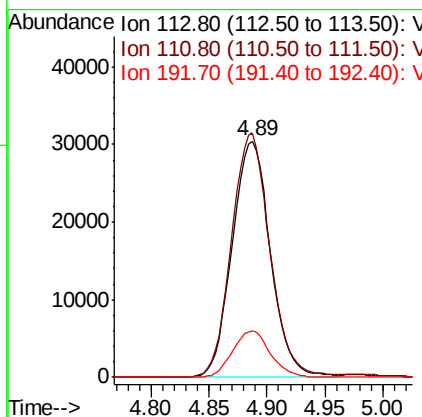
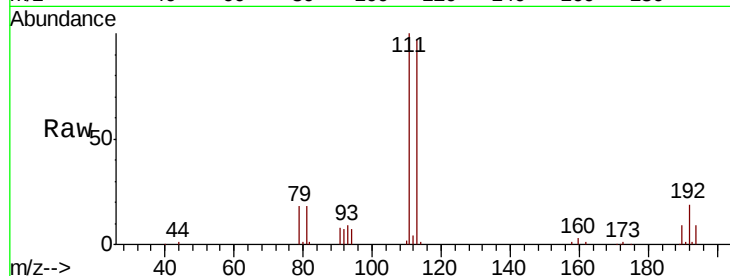




#35
 Dibromofluoromethane
 Concen: 60.097 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027403.D
 Acq: 04 Oct 2018 13:09

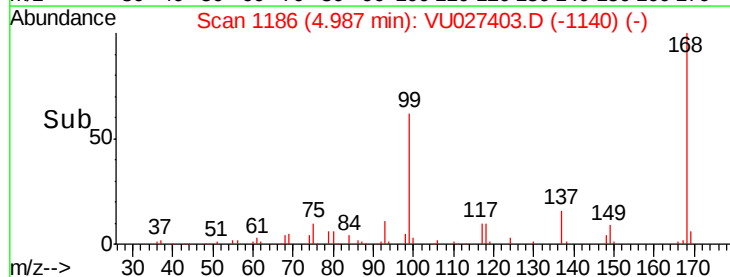
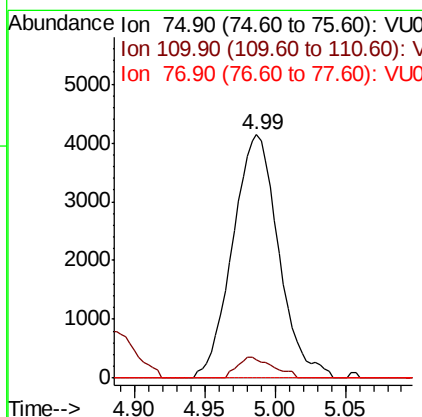
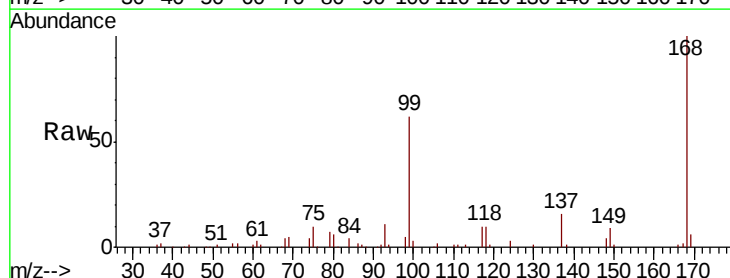
Instrument :
 MSVOA_U
 ClientSampleId :
 B-3(14.5-15)

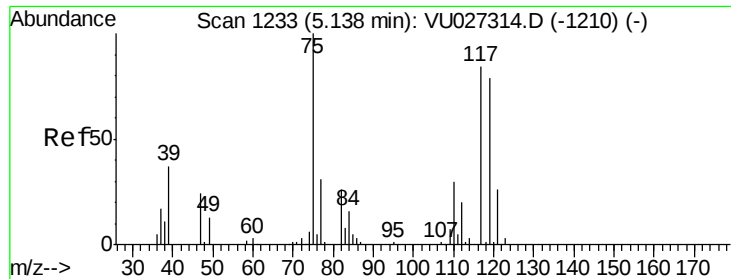
Tgt Ion:113 Resp: 69870
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.1 124.7
 192 19.2 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 5.125 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027403.D
 Acq: 04 Oct 2018 13:09

Tgt Ion: 75 Resp: 9440
 Ion Ratio Lower Upper
 75 100
 110 6.6 15.5 46.5#
 77 0.0 25.4 38.0#

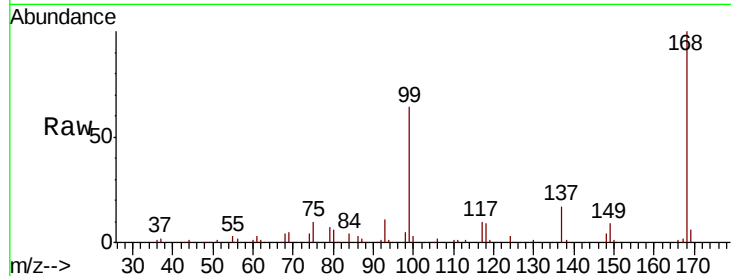




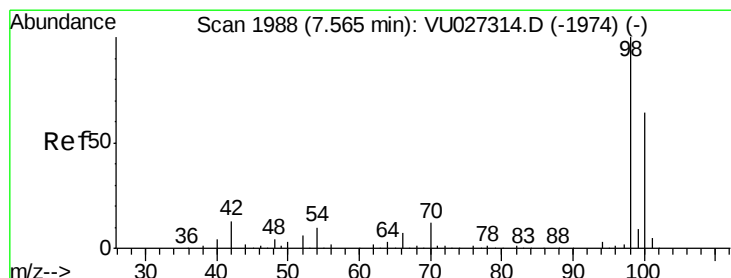
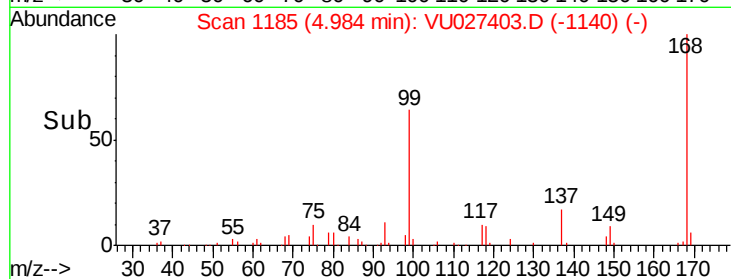
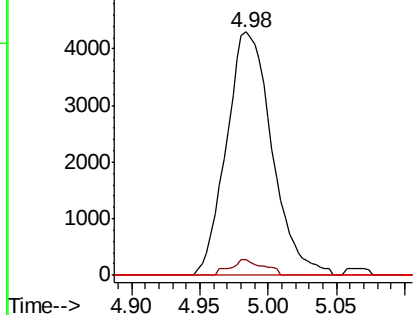
#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027403.D
Acq: 04 Oct 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
B-3(14.5-15)

Tgt Ion:117 Resp: 9994
Ion Ratio Lower Upper
117 100
119 6.6 74.5 111.7#
121 0.0 24.6 37.0#

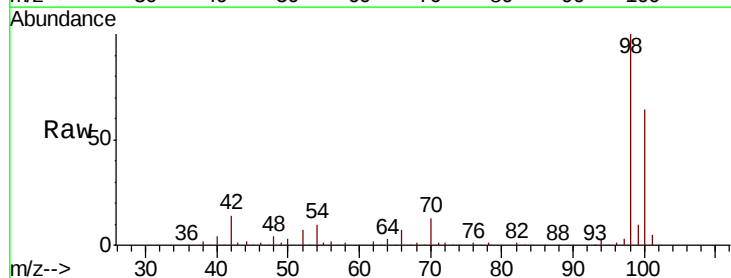


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

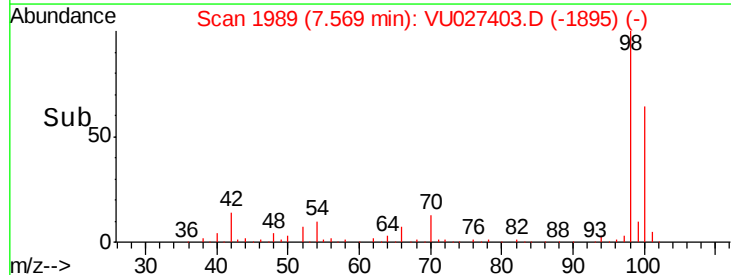
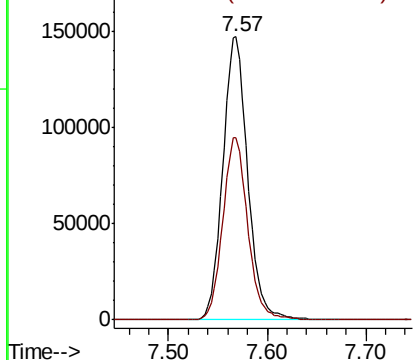


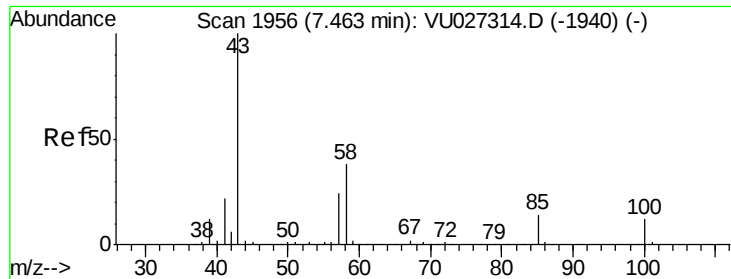
#50
Toluene-d8
Concen: 59.900 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027403.D
Acq: 04 Oct 2018 13:09

Tgt Ion: 98 Resp: 260643
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: 0.529 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027403.D

Acq: 04 Oct 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

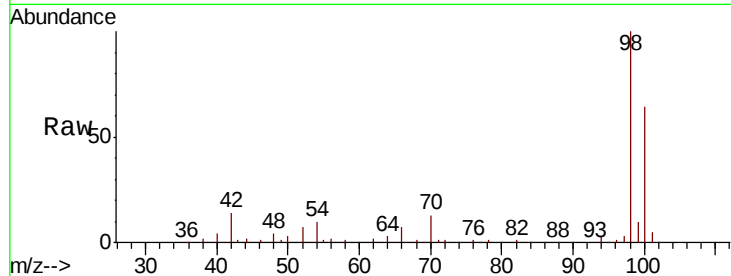
B-3(14.5-15)

Tgt Ion: 43 Resp: 1272

Ion Ratio Lower Upper

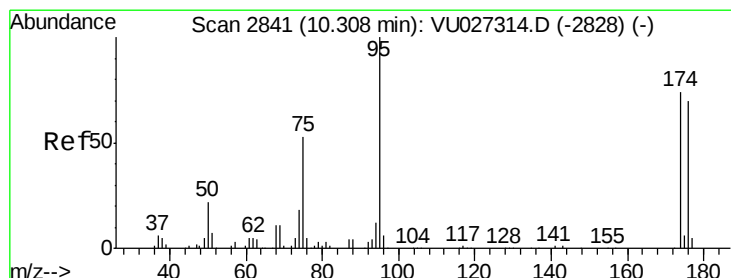
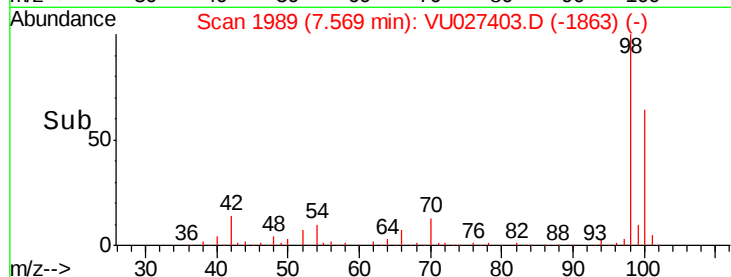
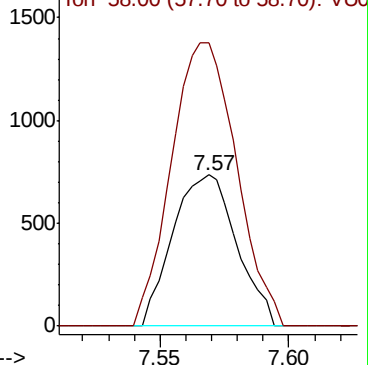
43 100

58 190.7 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 57.223 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027403.D

Acq: 04 Oct 2018 13:09

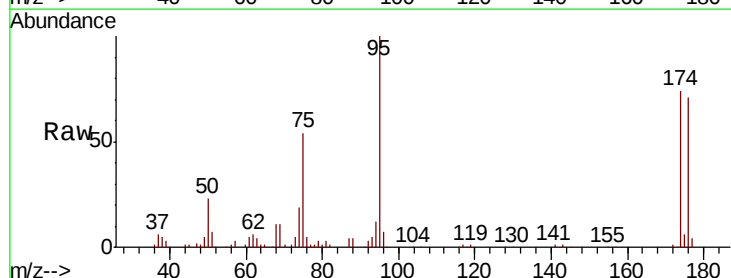
Tgt Ion: 95 Resp: 92536

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.8

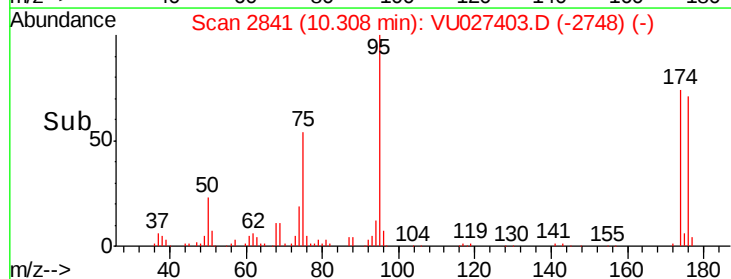
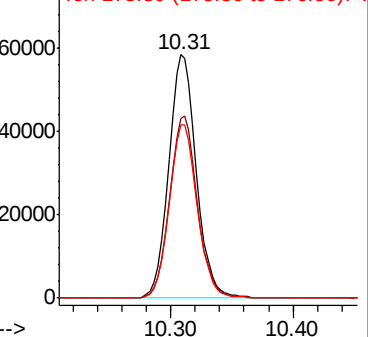
176 72.5 0.0 140.8

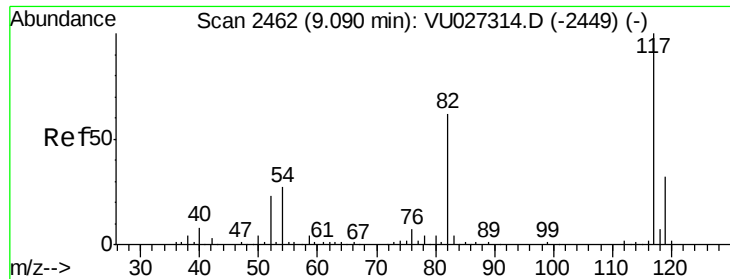


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

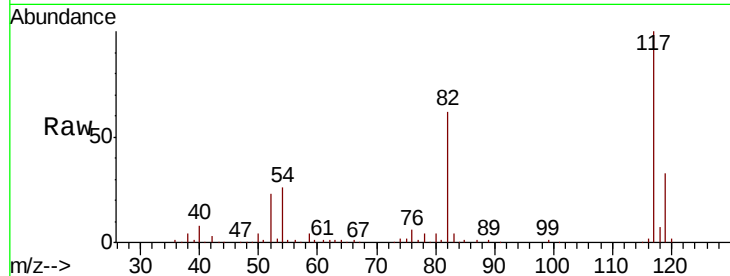




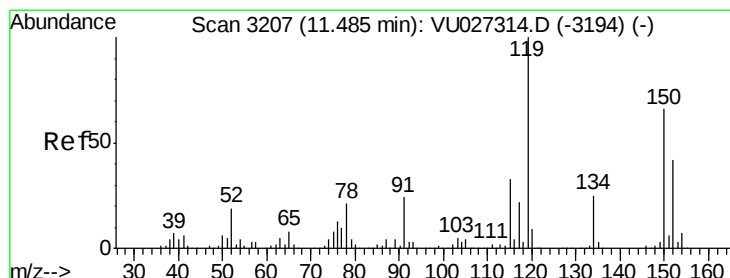
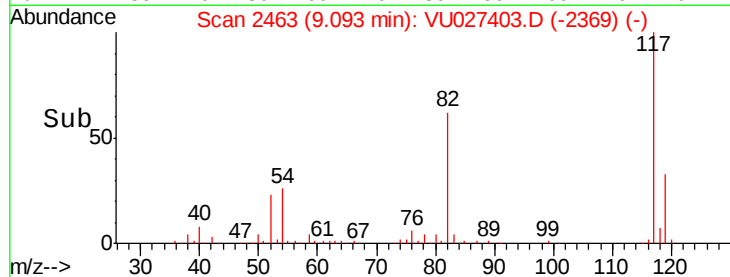
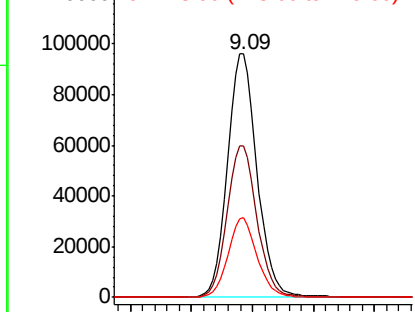
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027403.D
Acq: 04 Oct 2018 13:09

Instrument :
MSVOA_U
ClientSampleId :
B-3(14.5-15)

Tgt Ion:117 Resp: 162819
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.6 25.7 38.5

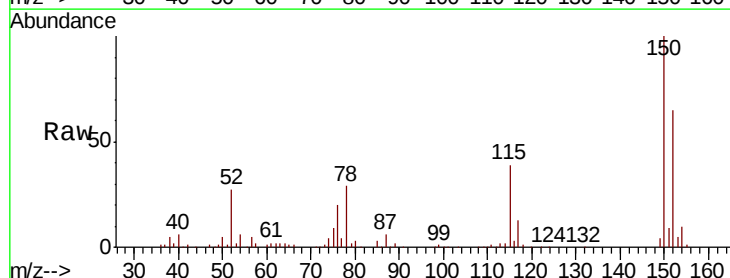


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

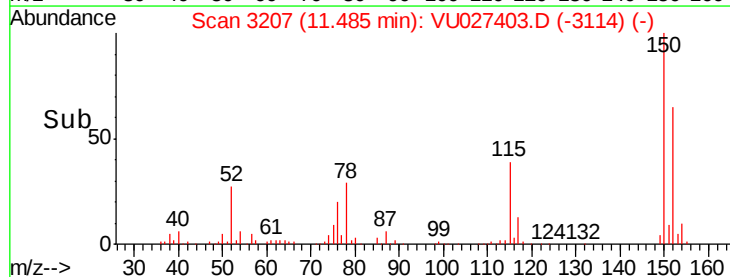
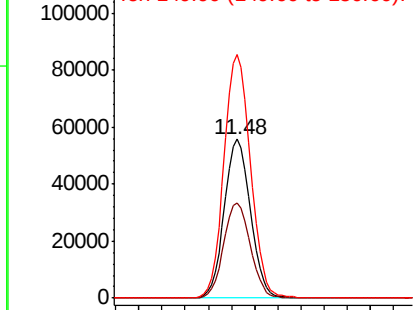


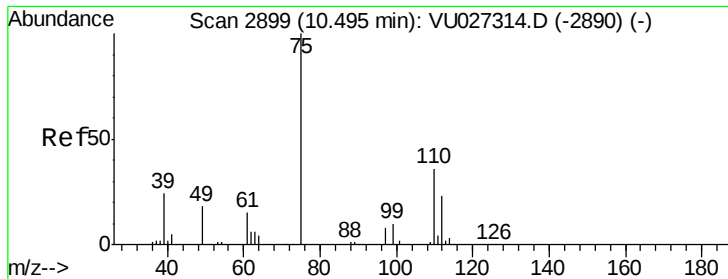
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027403.D
Acq: 04 Oct 2018 13:09

Tgt Ion:152 Resp: 87135
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.2
150 155.0 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: 22.342 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027403.D

Acq: 04 Oct 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

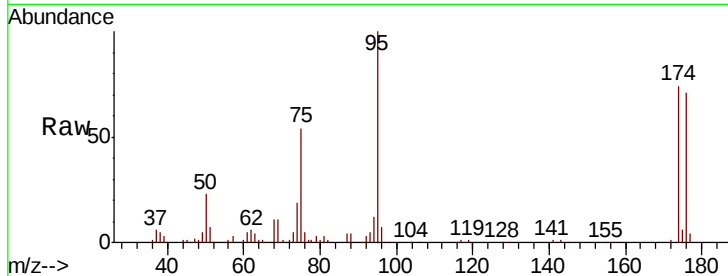
B-3(14.5-15)

Tgt Ion: 75 Resp: 50464

Ion Ratio Lower Upper

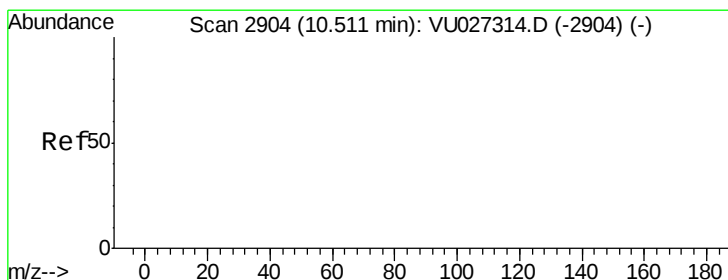
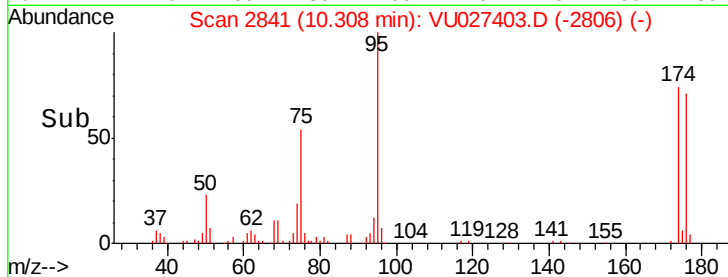
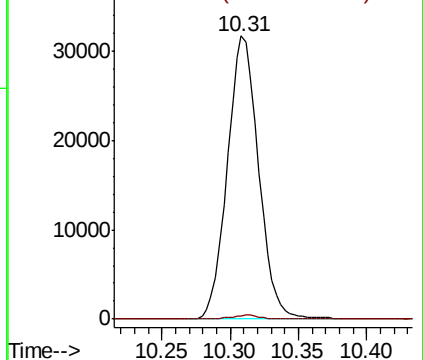
75 100

77 1.2 20.3 60.9#



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: 58.471 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027403.D

Acq: 04 Oct 2018 13:09

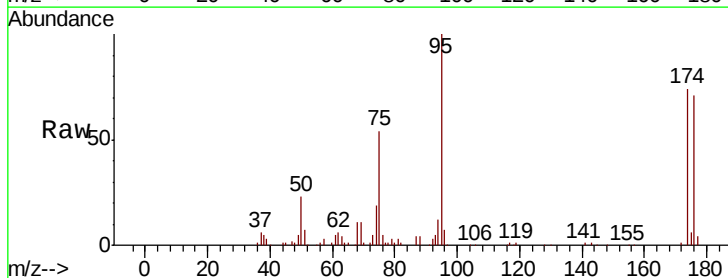
Tgt Ion: 75 Resp: 50464

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

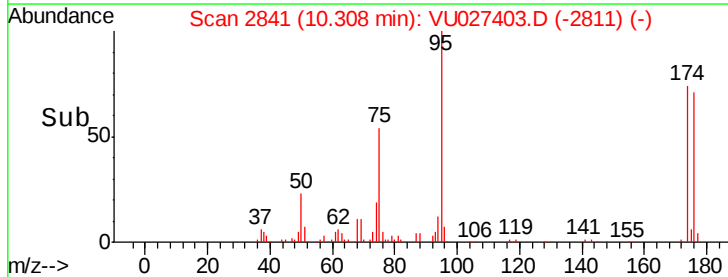
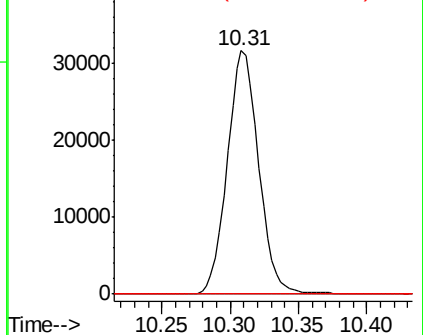
89 0.0 0.0 0.0

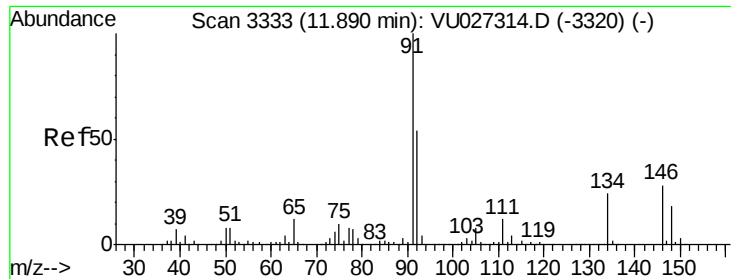


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#89

n-Butylbenzene

Concen: 1.967 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027403.D

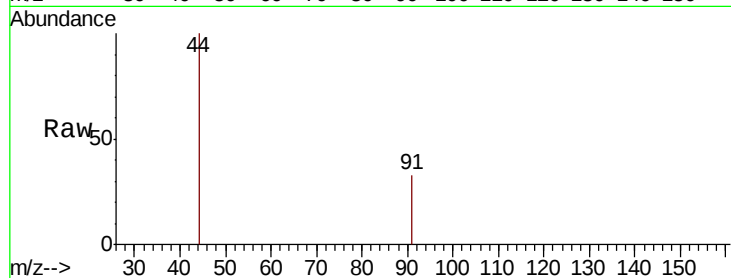
Acq: 04 Oct 2018 13:09

Instrument :

MSVOA_U

ClientSampleId :

B-3(14.5-15)



Tgt Ion:	91	Resp:	103
Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.0	81.0#
134	0.0	11.7	35.1#

