

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027418.D
 Acq On : 04 Oct 2018 19:14
 Operator : MD/SY
 Sample : J5232-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

Quant Time: Oct 05 03:17:27 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	116135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199692	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	103507	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	108758	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
35) Dibromofluoromethane	4.89	113	79635	58.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.38%	
50) Toluene-d8	7.57	98	302575	59.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.14%	
62) 4-Bromofluorobenzene	10.31	95	108414	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	

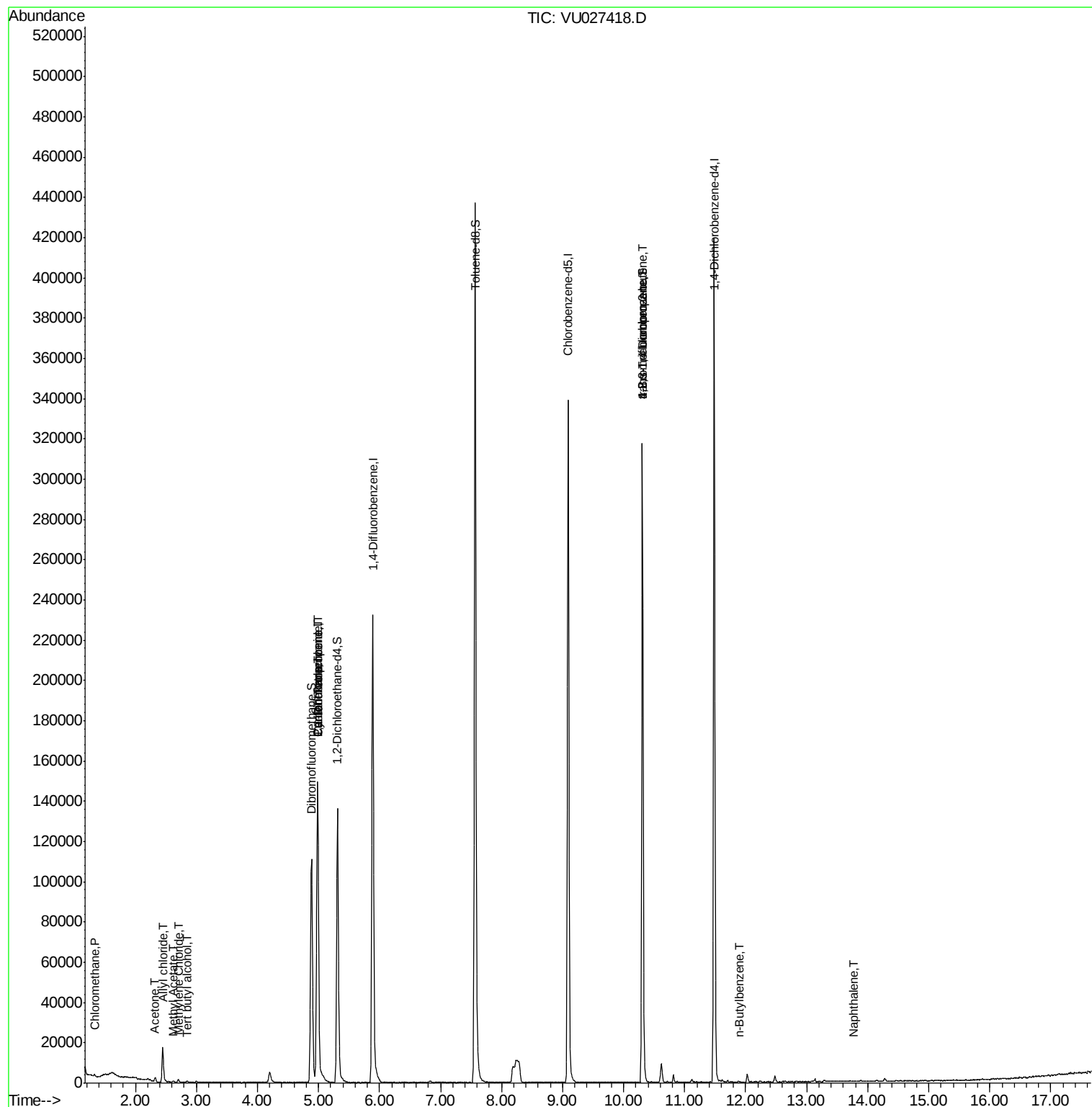
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	654	0.289	ug/l #	86
11) Tert butyl alcohol	2.84	59	458	1.122	ug/l #	72
14) Allyl chloride	2.45	41	1824	0.626	ug/l #	73
16) Acetone	2.32	43	2287	1.996	ug/l	95
18) Methyl Acetate	2.62	43	662	0.253	ug/l #	56
20) Methylene Chloride	2.70	84	610	0.382	ug/l	89
31) Cyclohexane	4.99	56	2695	0.632	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10072	4.645	ug/l #	47
38) Carbon Tetrachloride	4.98	117	11156	5.696	ug/l #	17
76) 1,2,3-Trichloropropane	10.31	75	57272	21.345	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	57272	55.863	ug/l #	100
89) n-Butylbenzene	11.90	91	267	1.987	ug/l #	57
95) Naphthalene	13.77	128	61	1.667	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 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: VU027418.D

Acq: 04 Oct 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

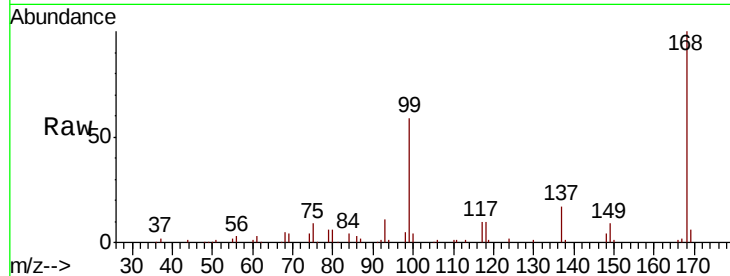
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Tgt Ion:168 Resp: 116135

Ion Ratio Lower Upper

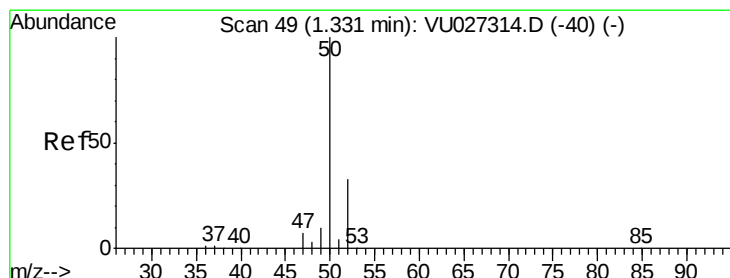
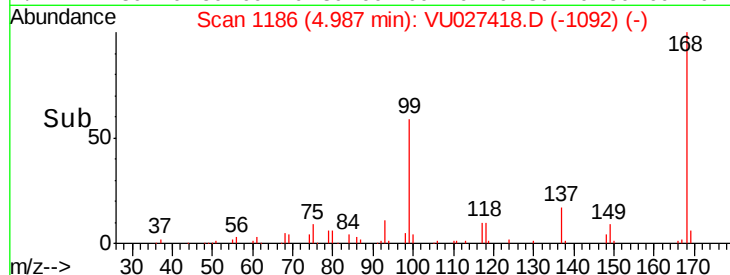
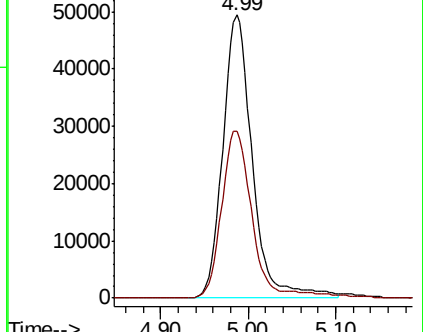
168 100

99 59.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027418.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027418.D (-1169) (-)



#3

Chloromethane

Concen: 0.289 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027418.D

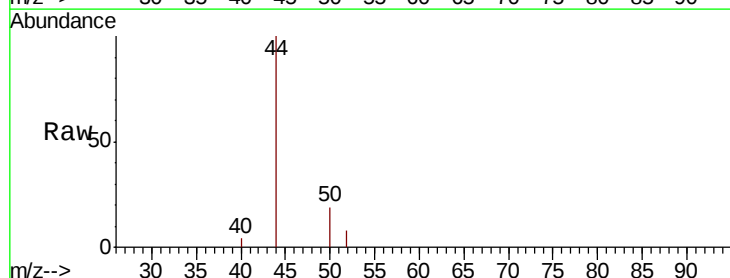
Acq: 04 Oct 2018 19:14

Tgt Ion: 50 Resp: 654

Ion Ratio Lower Upper

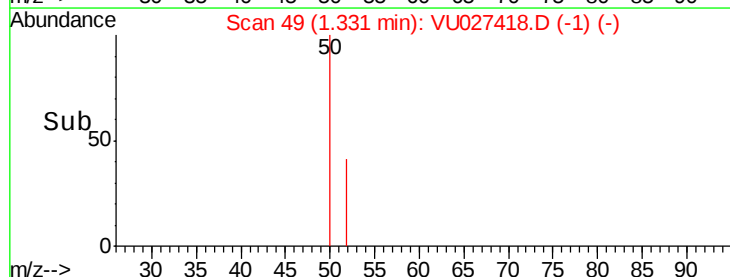
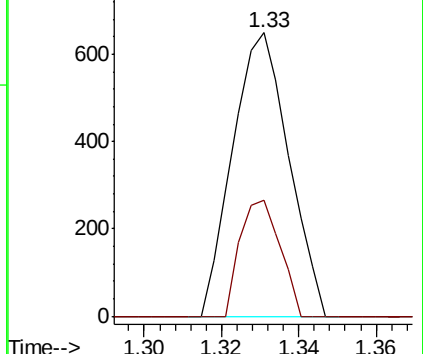
50 100

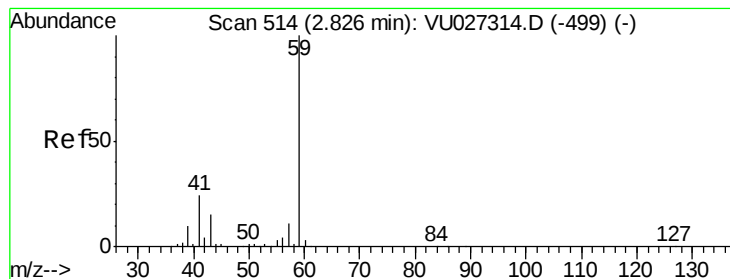
52 40.8 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU027418.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU027418.D (-1) (-)



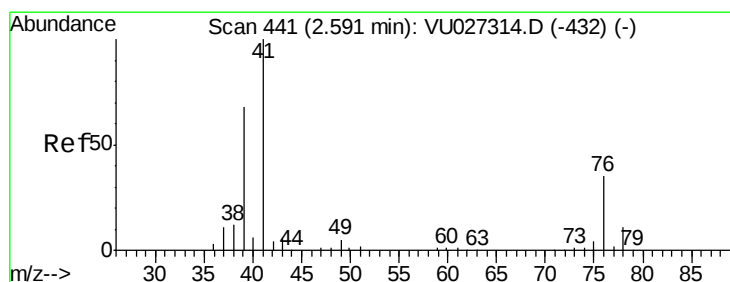
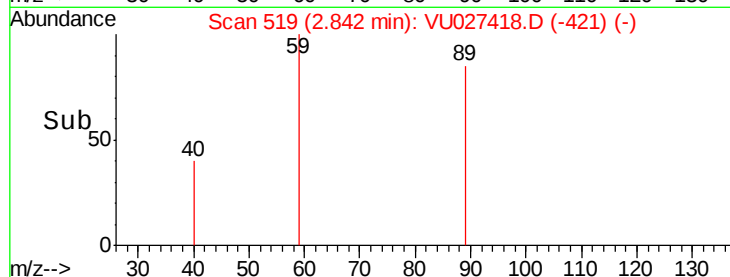
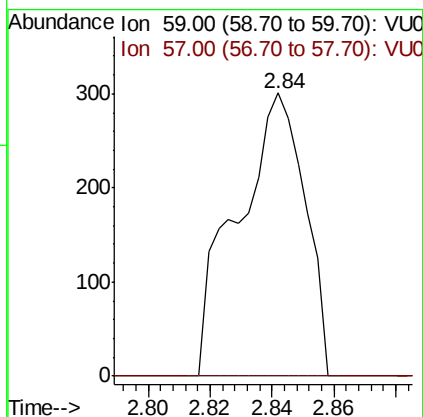
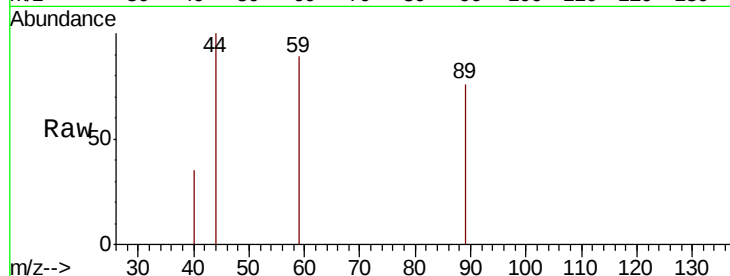


#11

Tert butyl alcohol
 Concen: 1.122 ug/l
 RT: 2.84 min Scan# 519
 Delta R.T. 0.02 min
 Lab File: VU027418.D
 Acq: 04 Oct 2018 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

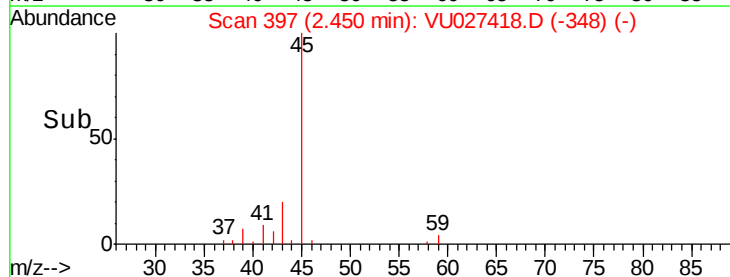
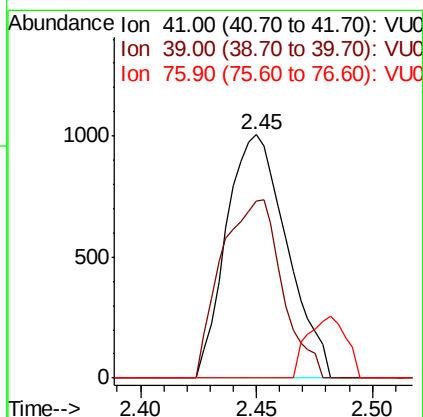
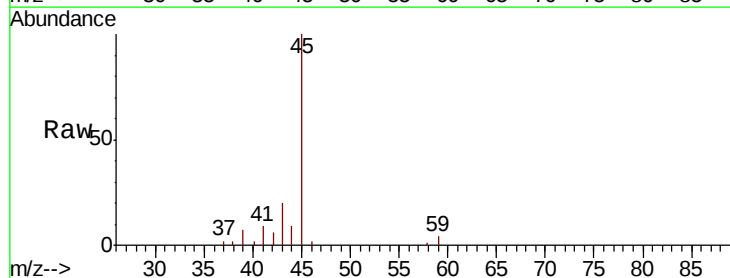
Tgt Ion: 59 Resp: 458
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

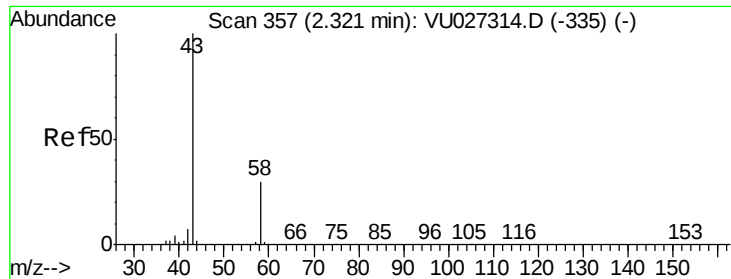


#14

Allyl chloride
 Concen: 0.626 ug/l
 RT: 2.45 min Scan# 397
 Delta R.T. -0.14 min
 Lab File: VU027418.D
 Acq: 04 Oct 2018 19:14

Tgt Ion: 41 Resp: 1824
 Ion Ratio Lower Upper
 41 100
 39 73.7 51.8 77.8
 76 0.0 25.9 38.9#





#16

Acetone

Concen: 1.996 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027418.D

Acq: 04 Oct 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

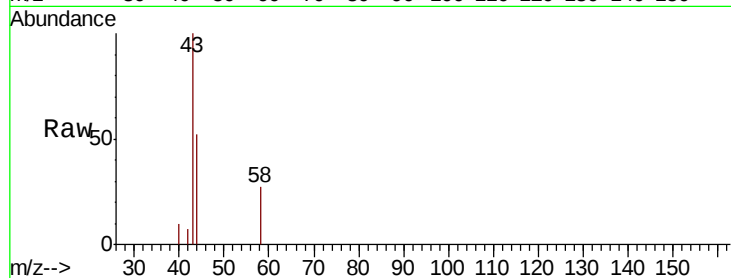
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Tgt Ion: 43 Resp: 2287

Ion Ratio Lower Upper

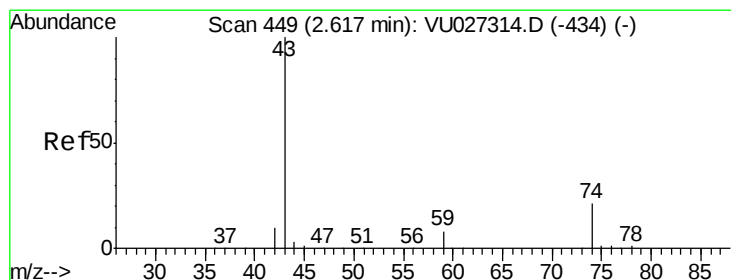
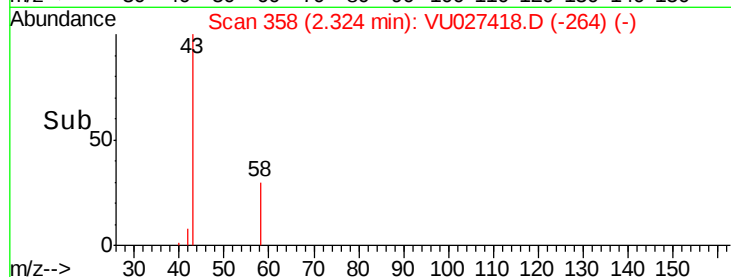
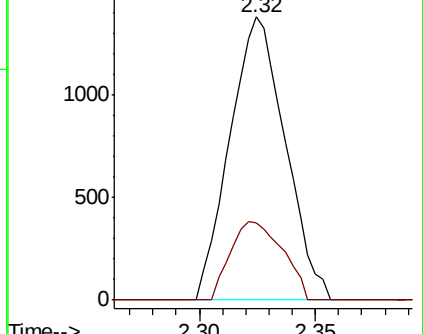
43 100

58 27.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 0.253 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027418.D

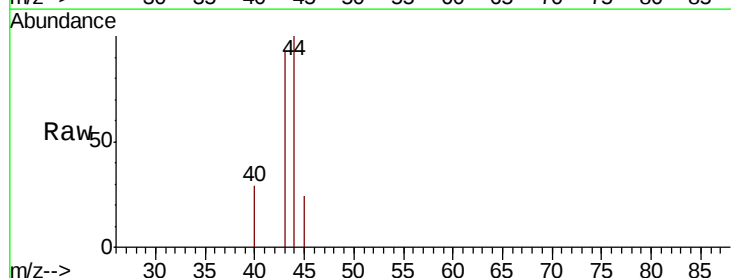
Acq: 04 Oct 2018 19:14

Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

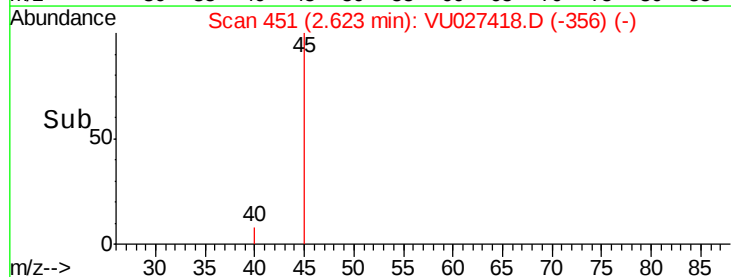
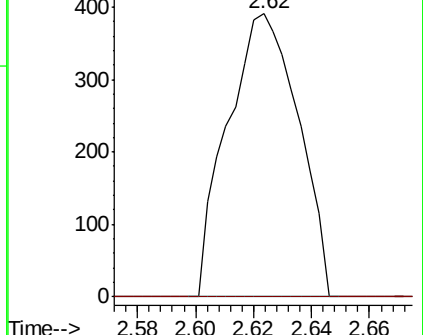
43 100

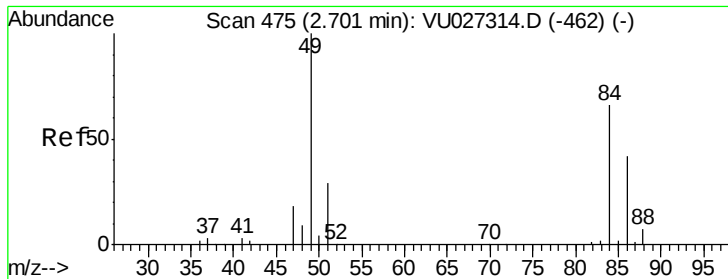
74 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



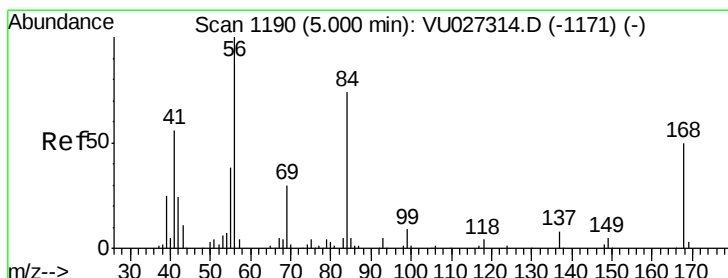
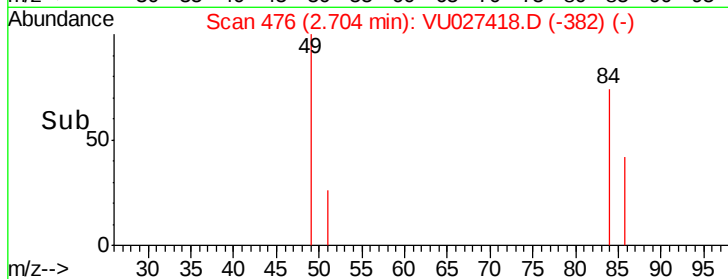
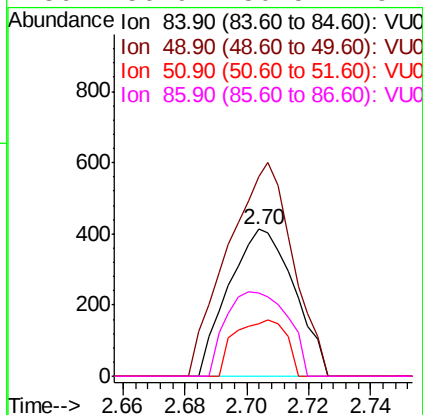
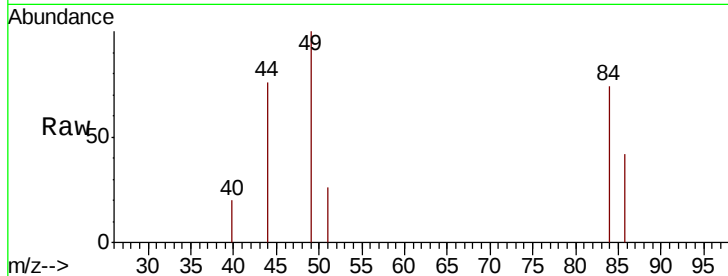


#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027418.D
Acq: 04 Oct 2018 19:14

Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

Tgt Ion: 84 Resp: 610

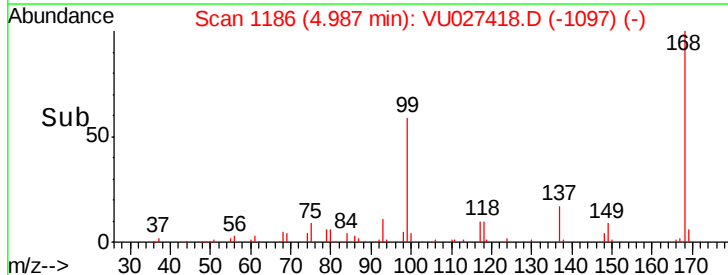
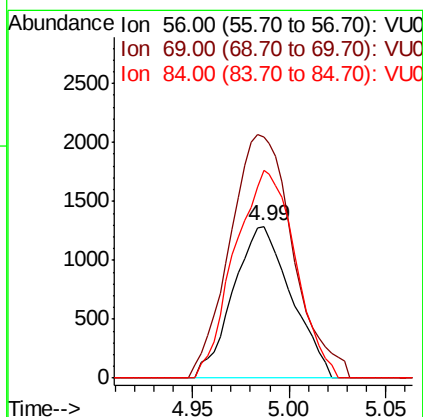
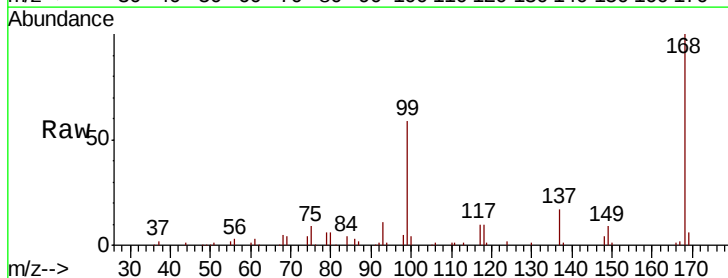
Ion	Ratio	Lower	Upper
84	100		
49	135.6	120.5	180.7
51	35.6	35.1	52.7
86	56.9	50.5	75.7

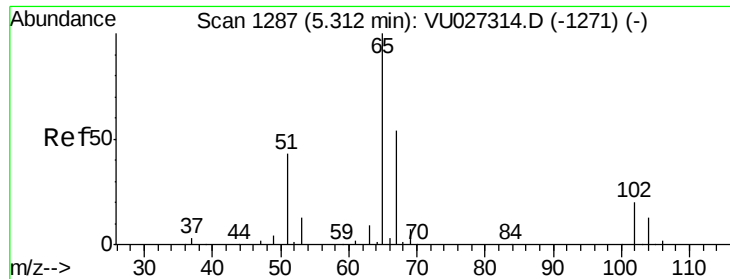


#31
Cyclohexane
Concen: 0.632 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027418.D
Acq: 04 Oct 2018 19:14

Tgt Ion: 56 Resp: 2695

Ion	Ratio	Lower	Upper
56	100		
69	159.6	24.1	36.1#
84	137.6	59.1	88.7#

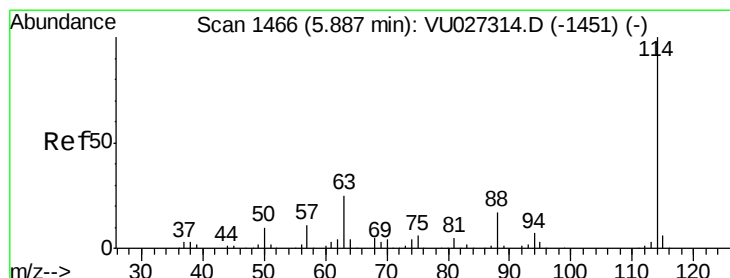
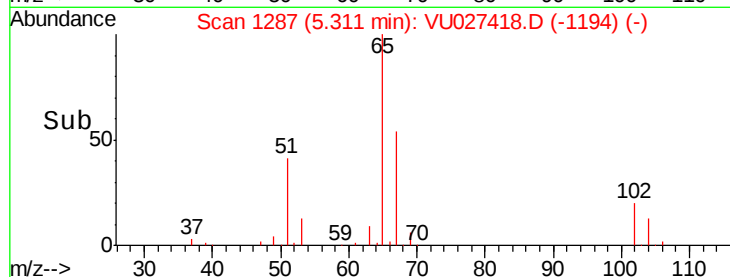
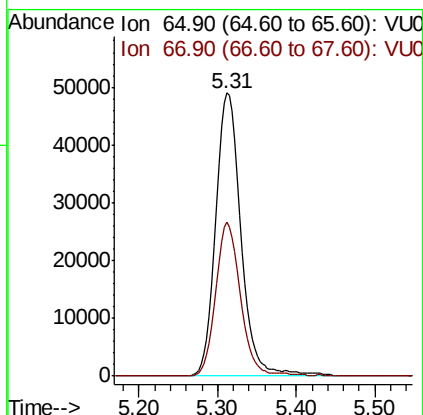
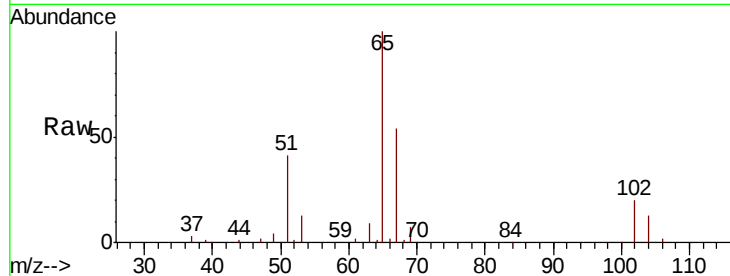




#33
 1,2-Dichloroethane-d4
 Concen: 56.082 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027418.D
 Acq: 04 Oct 2018 19:14

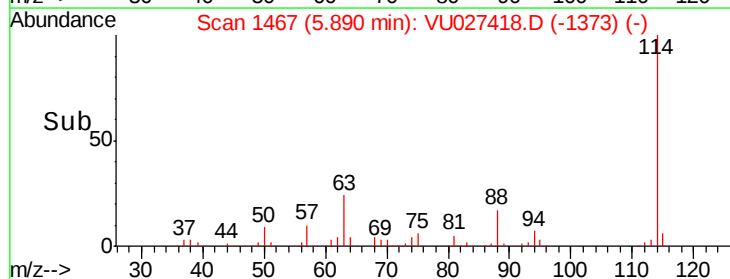
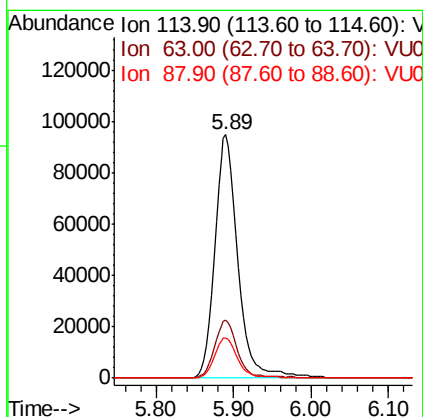
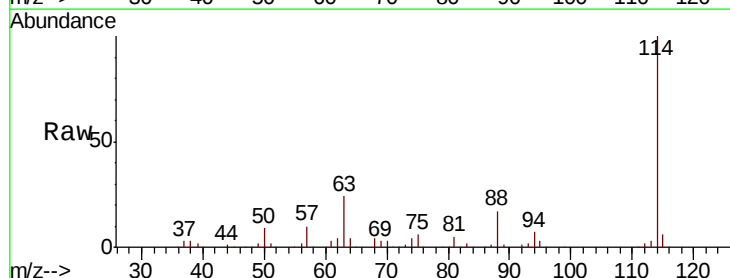
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 ClientSampleId :
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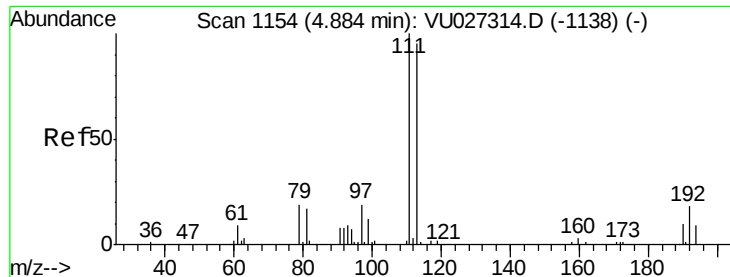
Tgt Ion: 65 Resp: 108758
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027418.D
 Acq: 04 Oct 2018 19:14

Tgt Ion: 114 Resp: 199692
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 50.2
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 58.189 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027418.D

Acq: 04 Oct 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

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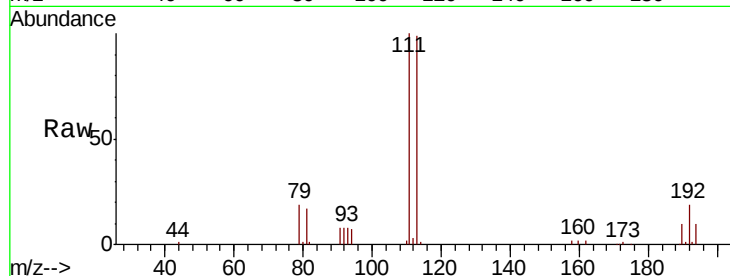
Tgt Ion:113 Resp: 79635

Ion Ratio Lower Upper

113 100

111 100.7 83.1 124.7

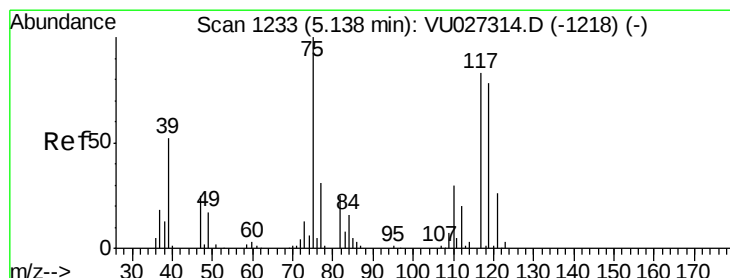
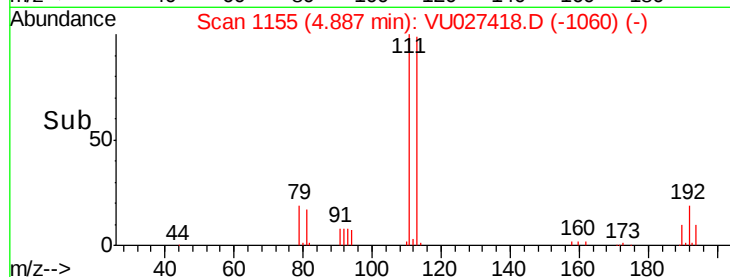
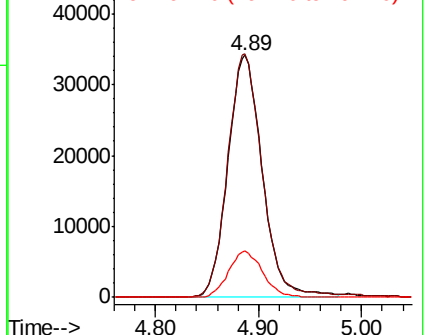
192 18.9 15.4 23.0



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: 4.645 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027418.D

Acq: 04 Oct 2018 19:14

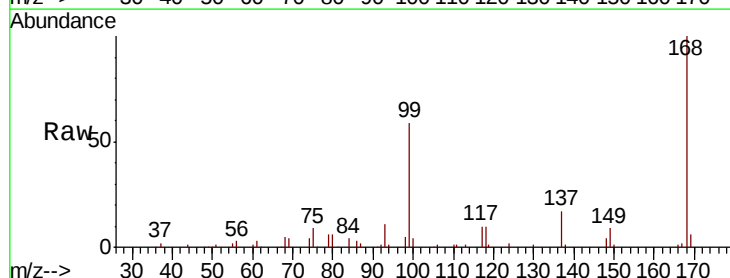
Tgt Ion: 75 Resp: 10072

Ion Ratio Lower Upper

75 100

110 3.8 15.5 46.5#

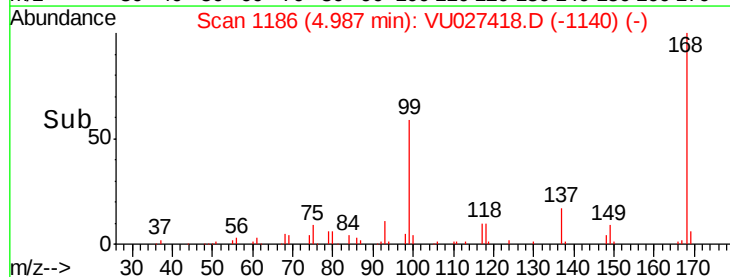
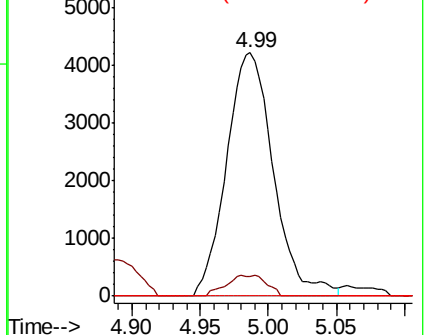
77 0.0 25.4 38.0#

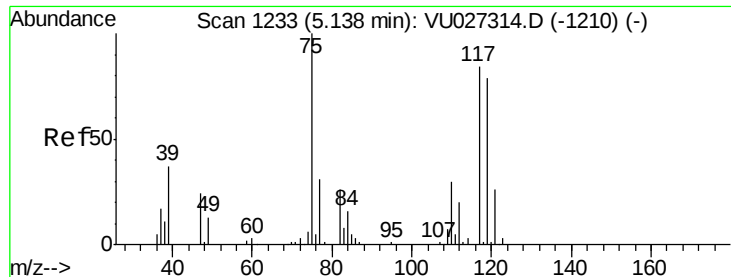


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

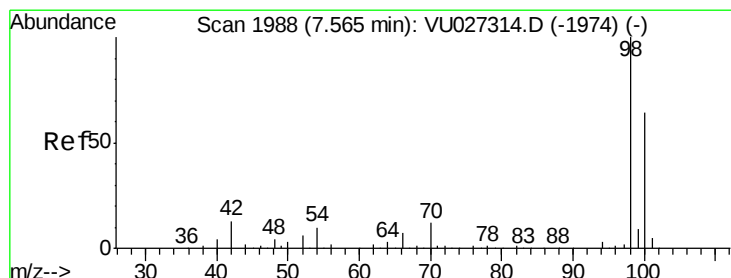
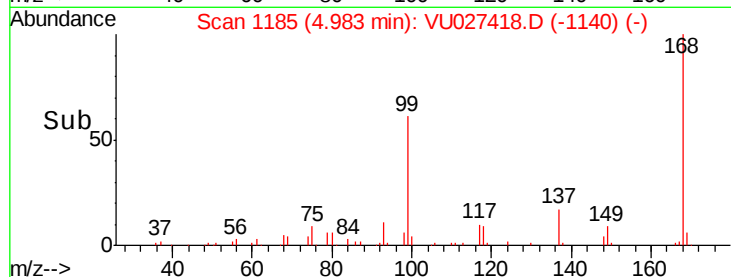
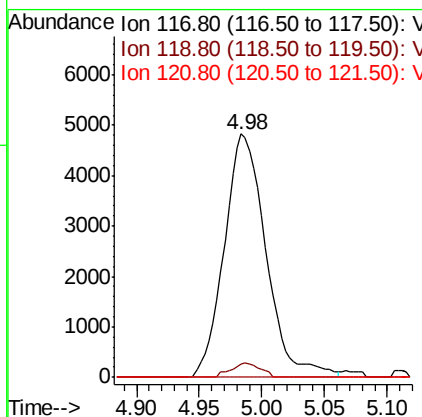
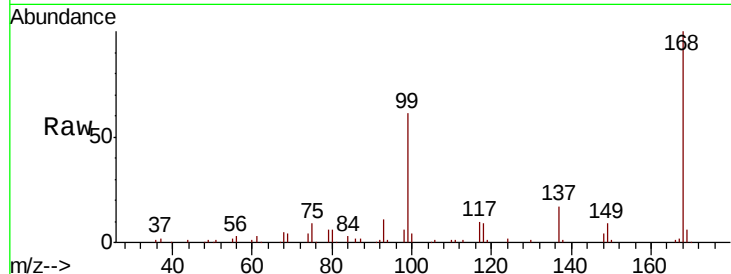




#38
 Carbon Tetrachloride
 Concen: 5.696 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027418.D
 Acq: 04 Oct 2018 19:14

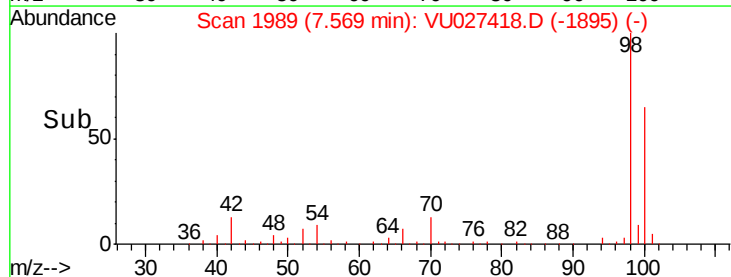
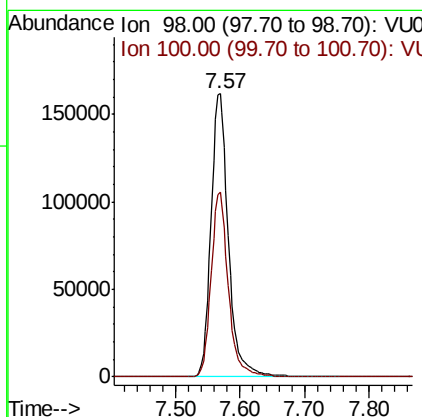
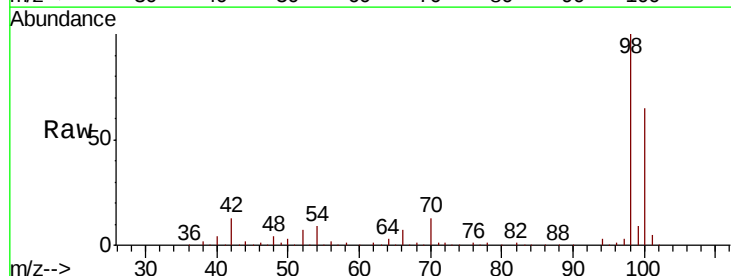
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 ClientSampleId :
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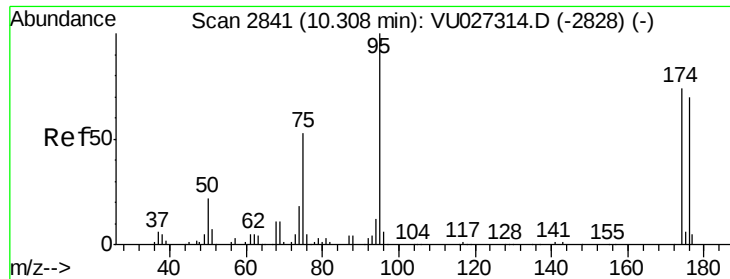
Tgt Ion: 117 Resp: 11156
 Ion Ratio Lower Upper
 117 100
 119 5.2 74.5 111.7#
 121 0.0 24.6 37.0#



#50
 Toluene-d8
 Concen: 59.073 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027418.D
 Acq: 04 Oct 2018 19:14

Tgt Ion: 98 Resp: 302575
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 56.953 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027418.D

Acq: 04 Oct 2018 19:14

Instrument :

MSVOA_U

ClientSampled :

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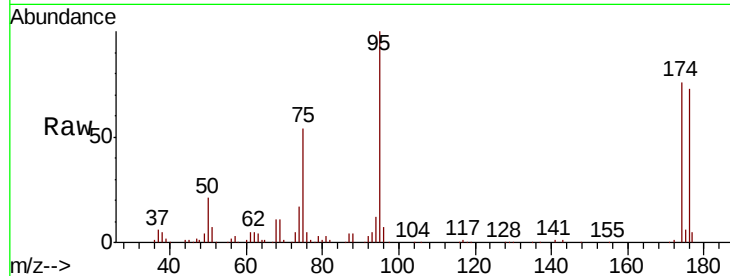
Tgt Ion: 95 Resp: 108414

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.8

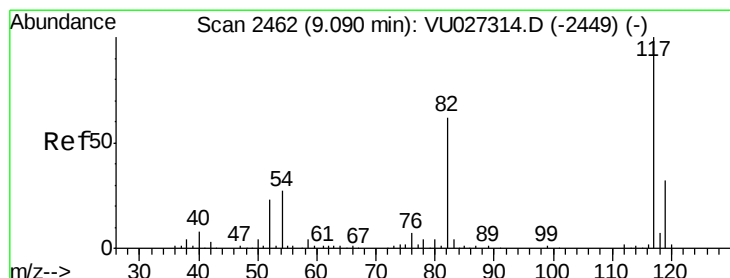
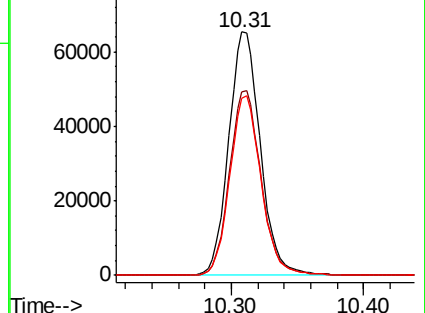
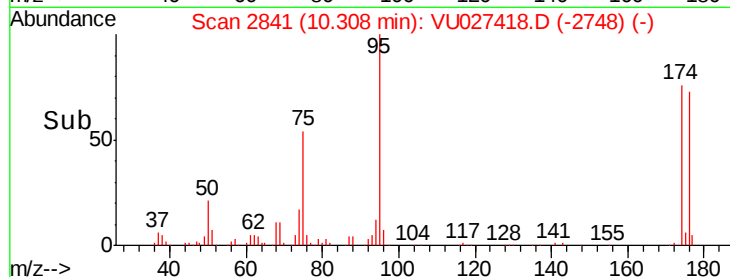
176 73.0 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027418.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027418.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027418.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027418.D

Acq: 04 Oct 2018 19:14

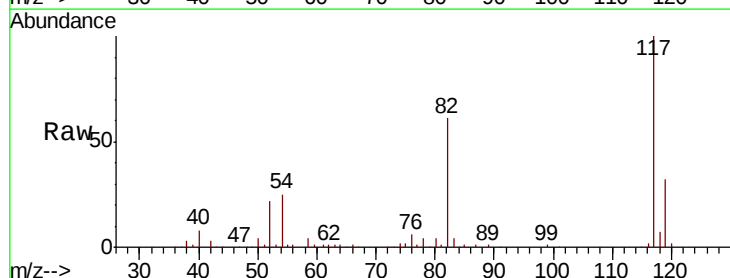
Tgt Ion: 117 Resp: 189292

Ion Ratio Lower Upper

117 100

82 61.3 49.2 73.8

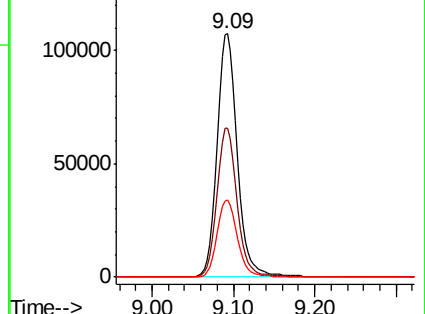
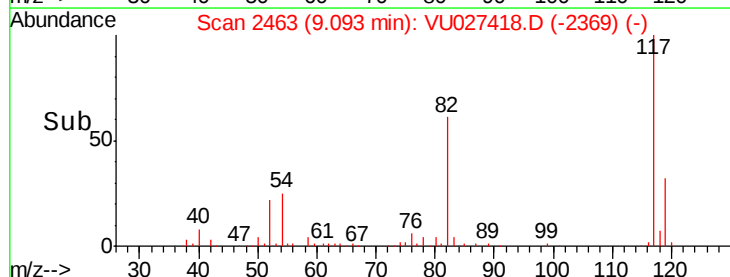
119 31.7 25.7 38.5

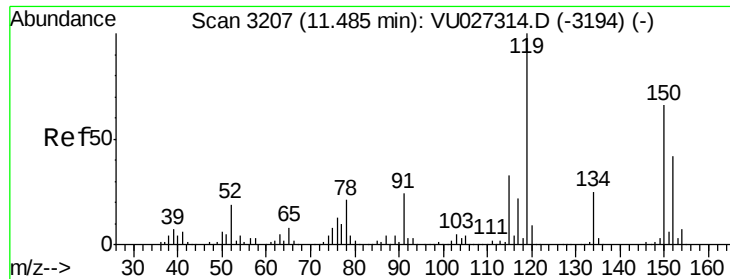


Abundance Ion 116.90 (116.60 to 117.60): VU027418.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU027418.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027418.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027418.D

Acq: 04 Oct 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

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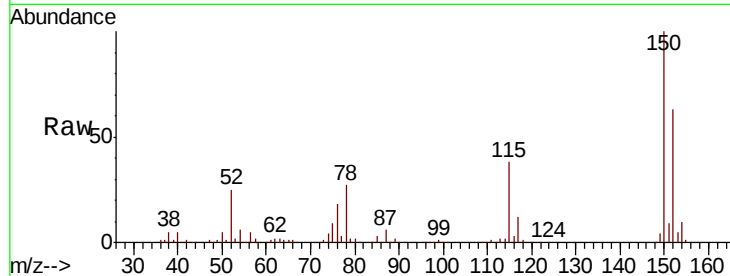
Tgt Ion:152 Resp: 103507

Ion Ratio Lower Upper

152 100

115 60.4 43.4 130.2

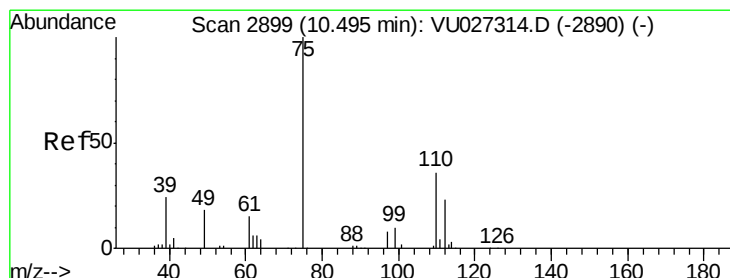
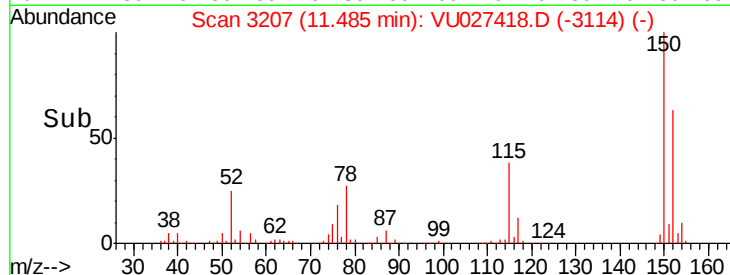
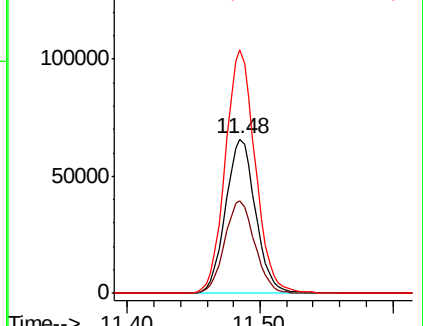
150 157.9 0.0 349.2



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: 21.345 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027418.D

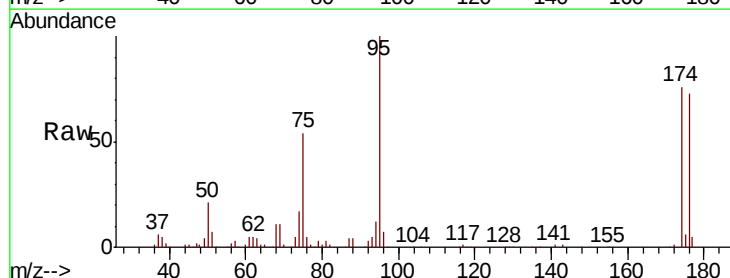
Acq: 04 Oct 2018 19:14

Tgt Ion: 75 Resp: 57272

Ion Ratio Lower Upper

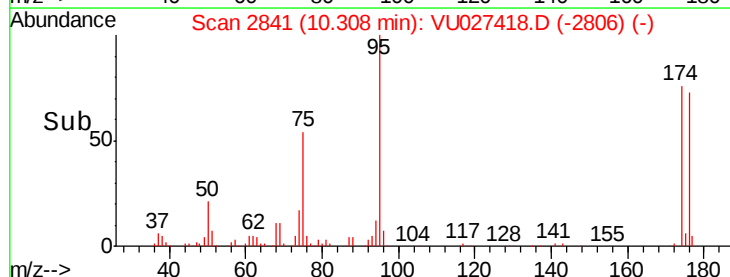
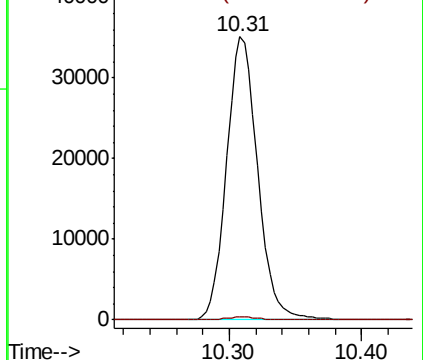
75 100

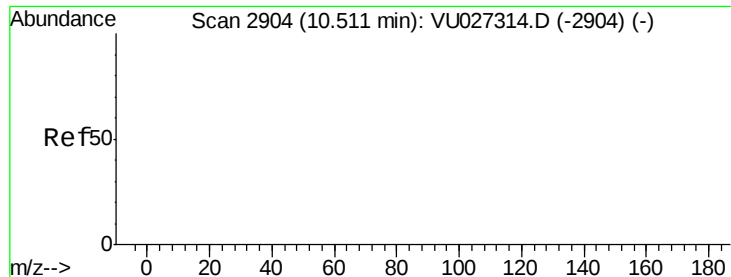
77 1.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

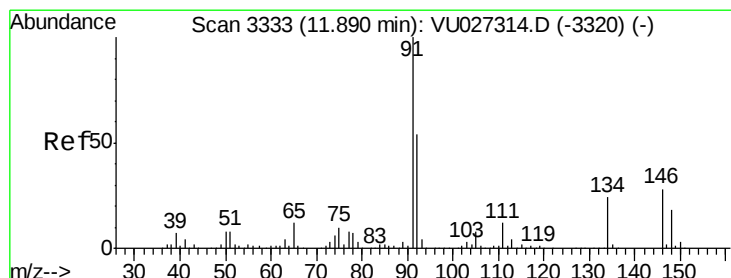
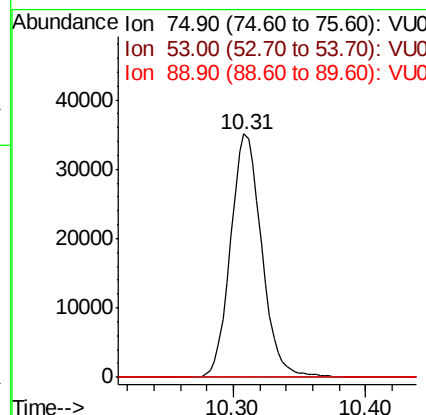
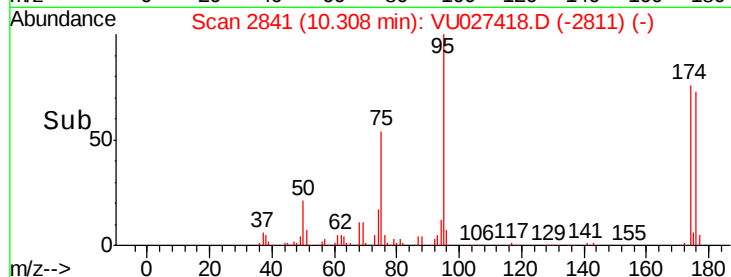
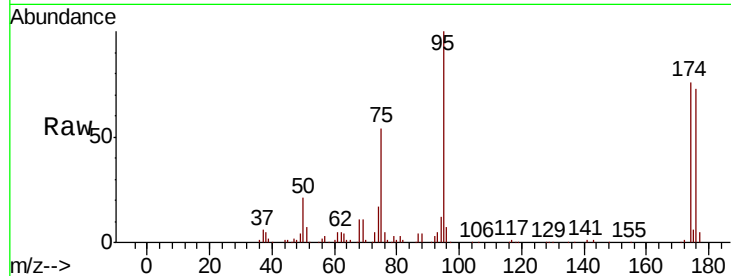




#81
trans-1,4-Dichloro-2-butene
Concen: 55.863 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027418.D
Acq: 04 Oct 2018 19:14

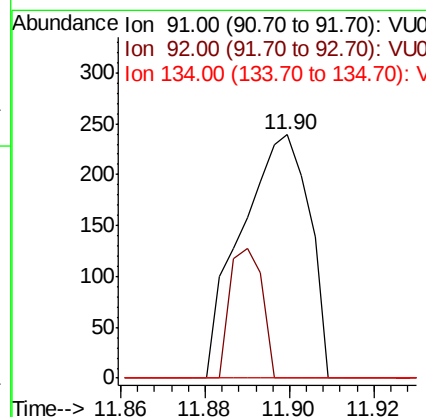
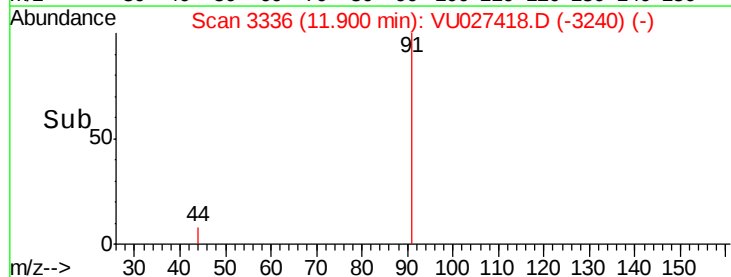
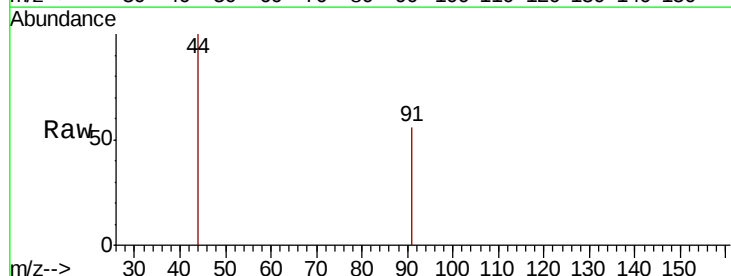
Instrument :
MSVOA_U
ClientSampled :
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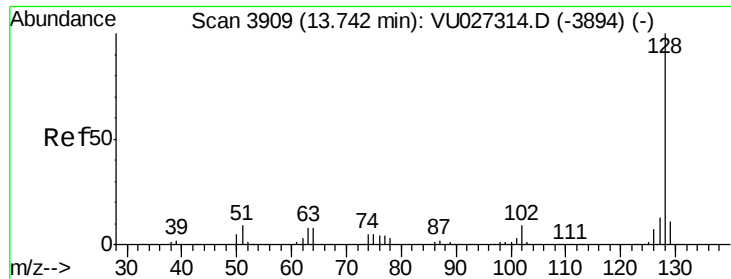
Tgt Ion: 75 Resp: 57272
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 1.987 ug/l
RT: 11.90 min Scan# 3336
Delta R.T. 0.01 min
Lab File: VU027418.D
Acq: 04 Oct 2018 19:14

Tgt Ion: 91 Resp: 267
Ion Ratio Lower Upper
91 100
92 25.1 27.0 81.0#
134 0.0 11.7 35.1#





#95

Naphthalene

Concen: 1.667 ug/l

RT: 13.77 min Scan# 3919

Delta R.T. 0.03 min

Lab File: VU027418.D

Acq: 04 Oct 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

FIELD-BLANK

Tgt Ion:128 Resp: 61

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

