

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100418\
 Data File : VU027373.D
 Acq On : 03 Oct 2018 22:16
 Operator : MD/SY
 Sample : J5163-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FIELD-BLANK

Quant Time: Oct 04 00:00:43 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	90555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157931	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68818	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	95697	63.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.58%	
35) Dibromofluoromethane	4.88	113	67639	62.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.98%	
50) Toluene-d8	7.57	98	244141	60.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.54%	
62) 4-Bromofluorobenzene	10.31	95	78876	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	

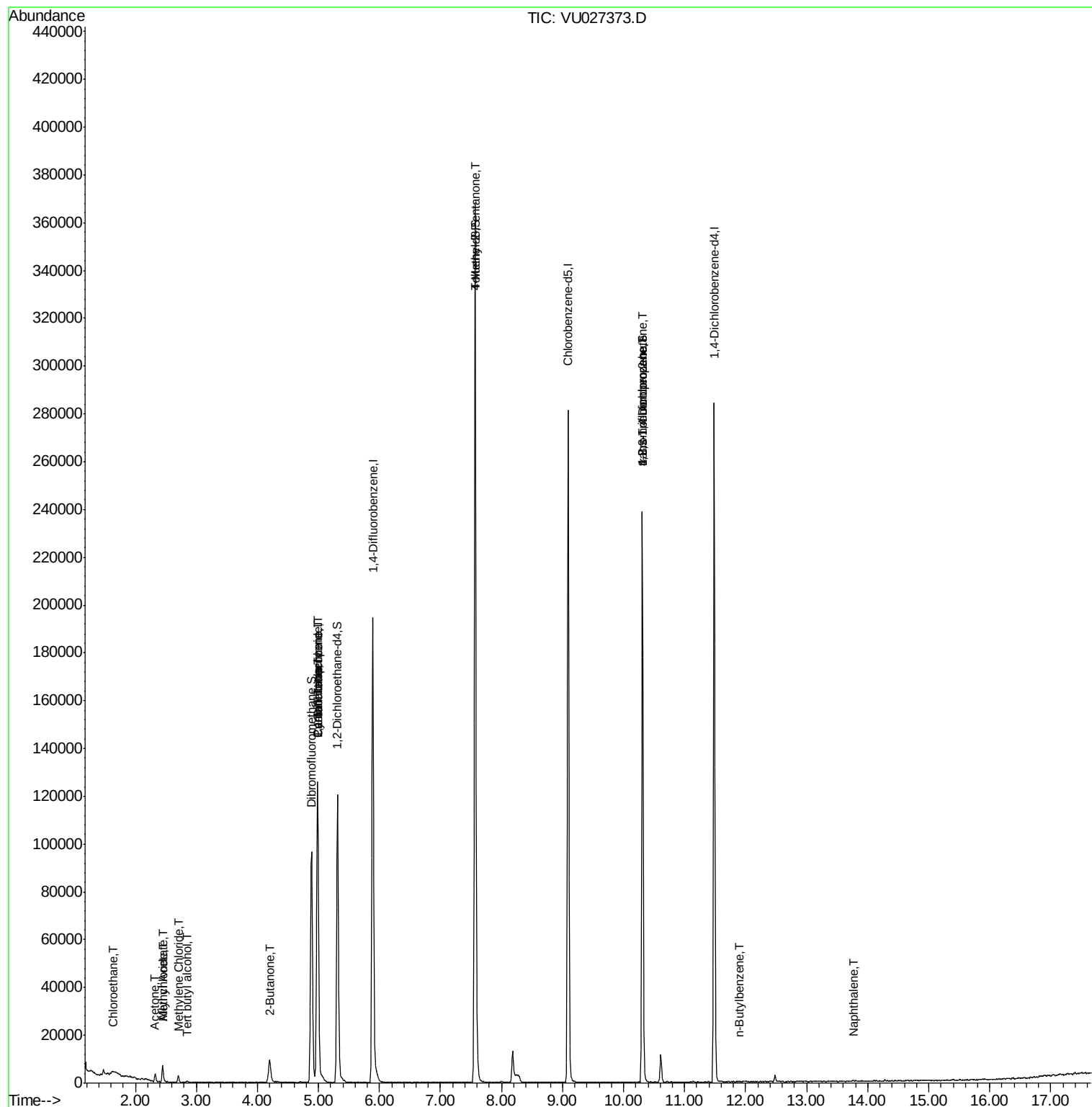
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.62	64	360	0.361	ug/l #	44
11) Tert butyl alcohol	2.84	59	388	1.218	ug/l #	72
14) Allyl chloride	2.45	41	707	0.311	ug/l #	63
16) Acetone	2.33	43	3712	4.155	ug/l	99
18) Methyl Acetate	2.45	43	1979	0.971	ug/l #	56
20) Methylene Chloride	2.70	84	1088	0.874	ug/l	92
25) 2-Butanone	4.21	43	369	0.303	ug/l #	54
31) Cyclohexane	4.98	56	2239	0.689	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8330	4.858	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9489	6.126	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1134	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42605	23.883	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	42605	62.504	ug/l #	100
89) n-Butylbenzene	11.90	91	73	1.965	ug/l #	33
95) Naphthalene	13.77	128	546	1.761	ug/l #	69

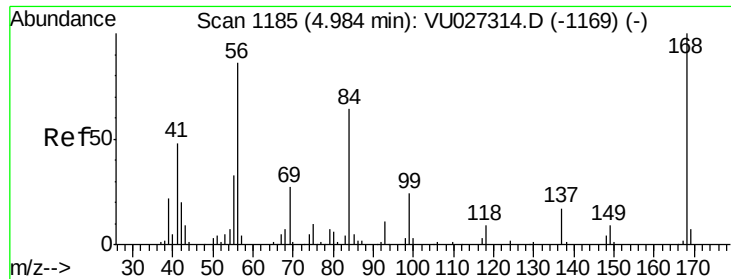
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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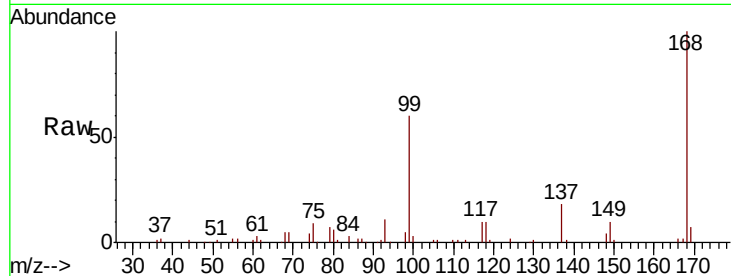




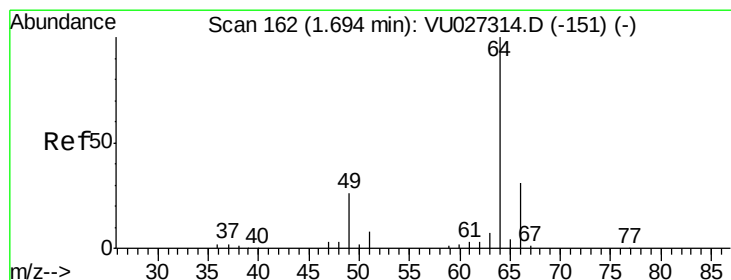
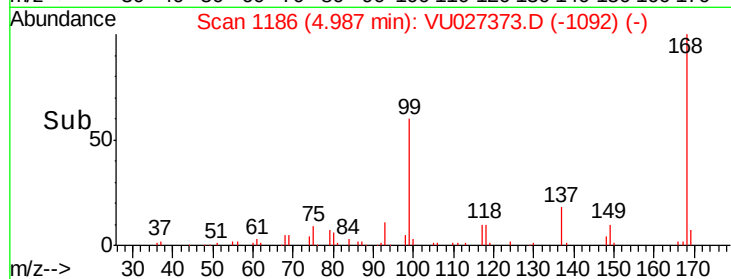
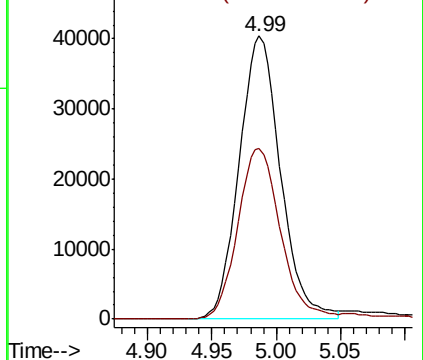
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

Tgt Ion:168 Resp: 90555
Ion Ratio Lower Upper
168 100
99 60.2 50.8 76.2

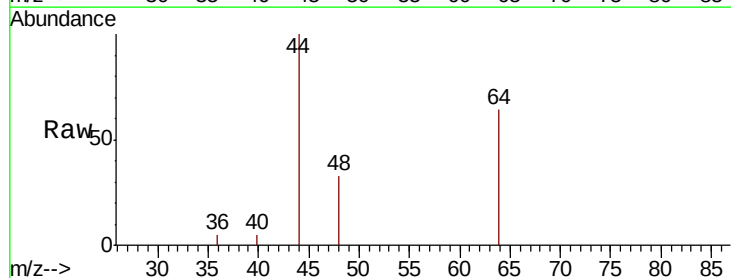


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

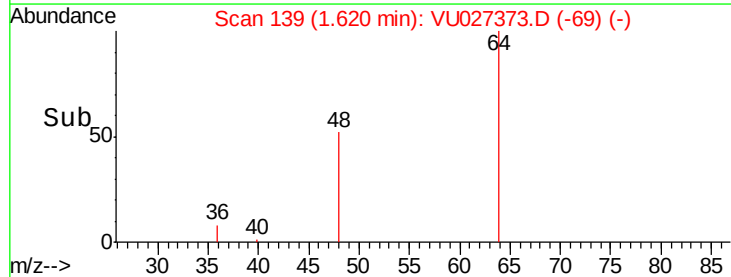
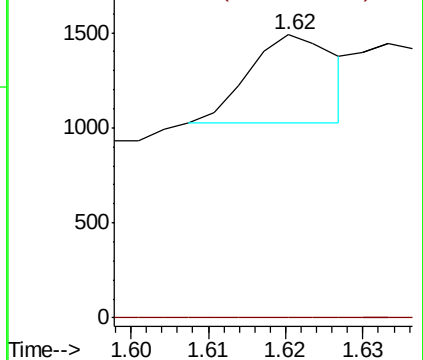


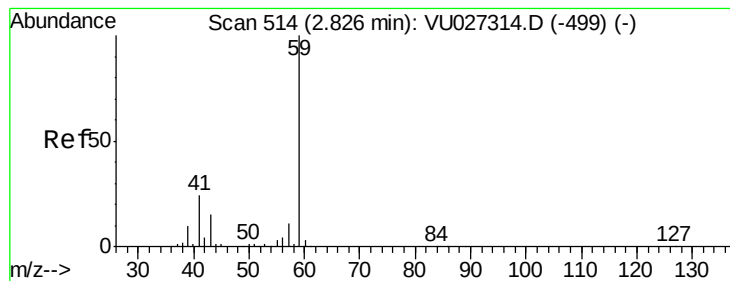
#6
Chloroethane
Concen: 0.361 ug/l
RT: 1.62 min Scan# 139
Delta R.T. -0.07 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

Tgt Ion: 64 Resp: 360
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): VU027314.D (-151) (-)



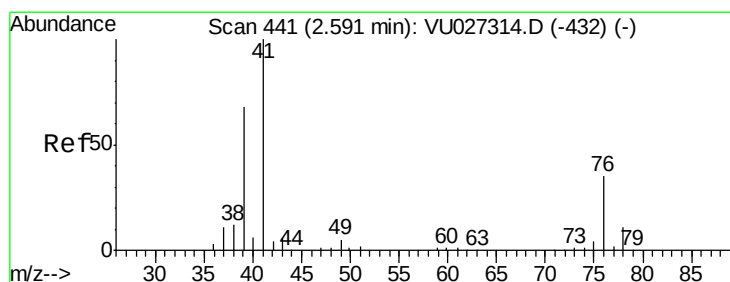
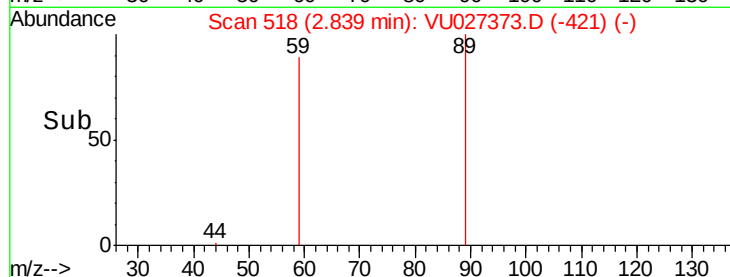
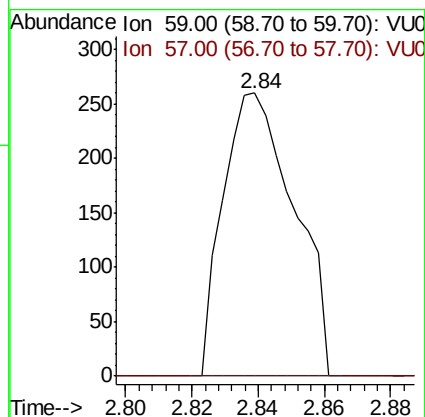
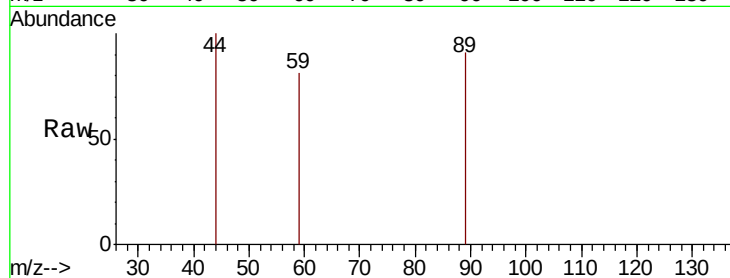


#11

Tert butyl alcohol
 Concen: 1.218 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VU027373.D
 Acq: 03 Oct 2018 22:16

Instrument :
 MSVOA_U
 ClientSampleId :
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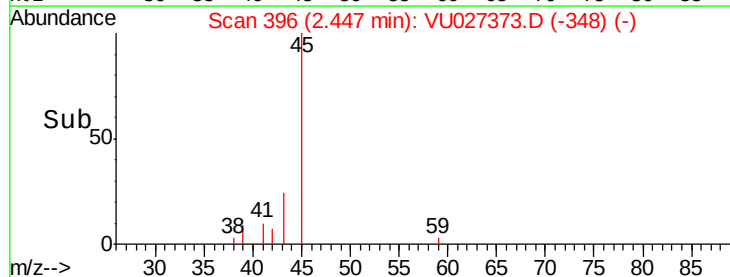
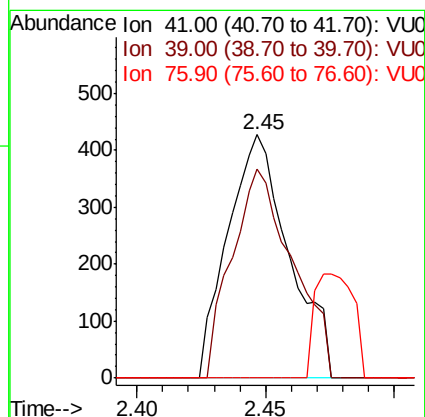
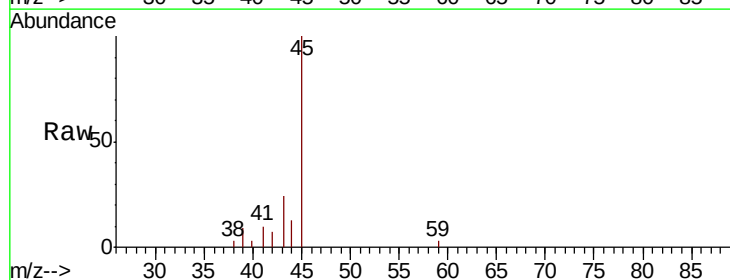
Tgt Ion: 59 Resp: 388
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

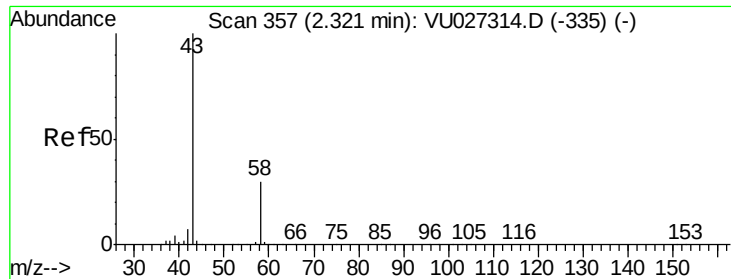


#14

Allyl chloride
 Concen: 0.311 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.14 min
 Lab File: VU027373.D
 Acq: 03 Oct 2018 22:16

Tgt Ion: 41 Resp: 707
 Ion Ratio Lower Upper
 41 100
 39 85.4 51.8 77.8#
 76 0.0 25.9 38.9#





#16

Acetone

Concen: 4.155 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027373.D

Acq: 03 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

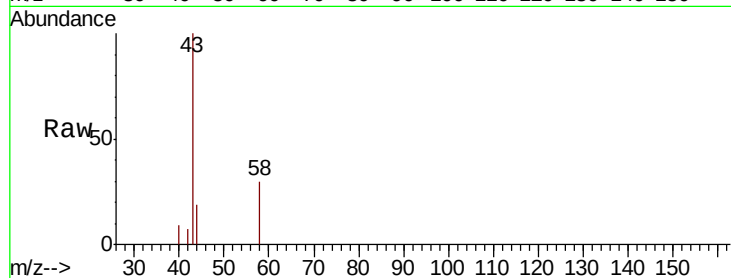
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Tgt Ion: 43 Resp: 3712

Ion Ratio Lower Upper

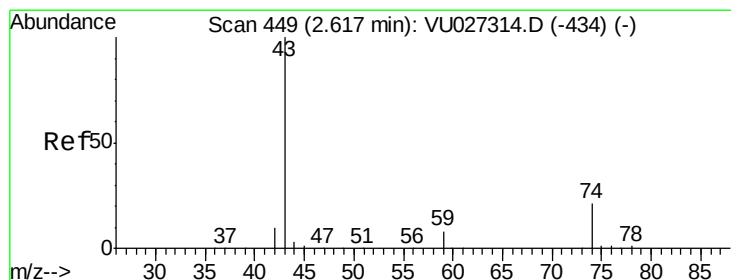
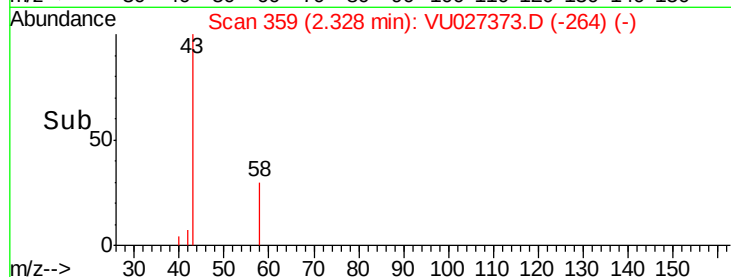
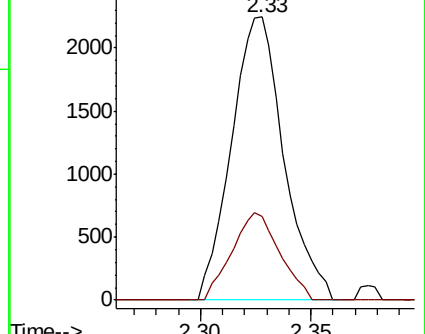
43 100

58 29.7 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: 0.971 ug/l

RT: 2.45 min Scan# 397

Delta R.T. -0.17 min

Lab File: VU027373.D

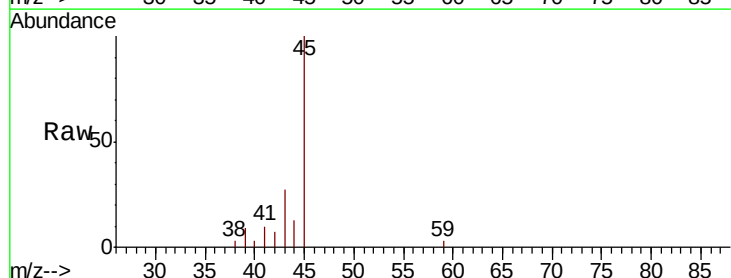
Acq: 03 Oct 2018 22:16

Tgt Ion: 43 Resp: 1979

Ion Ratio Lower Upper

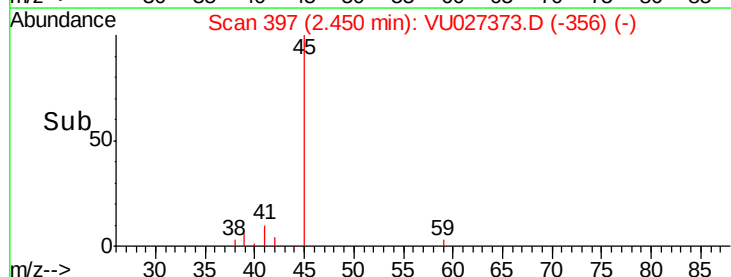
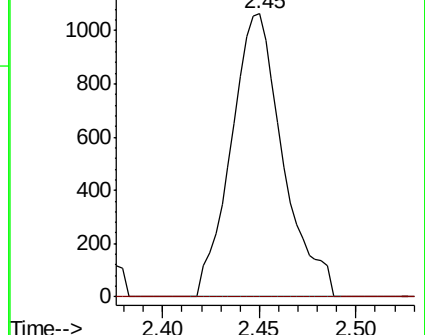
43 100

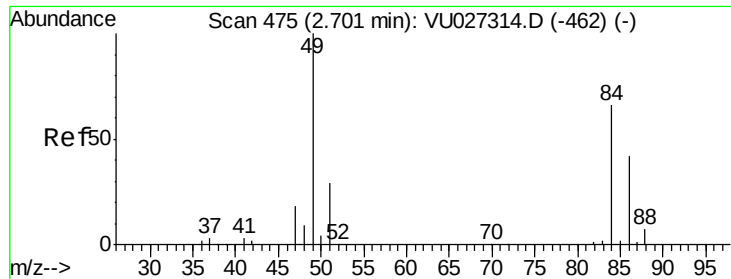
74 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

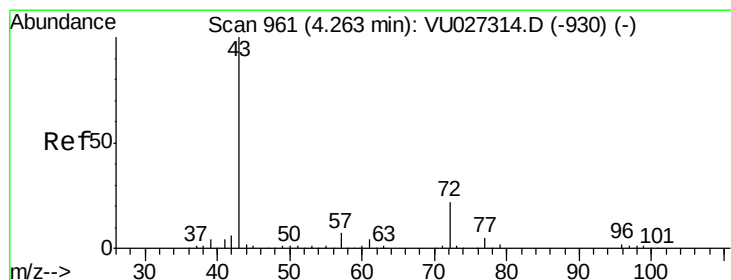
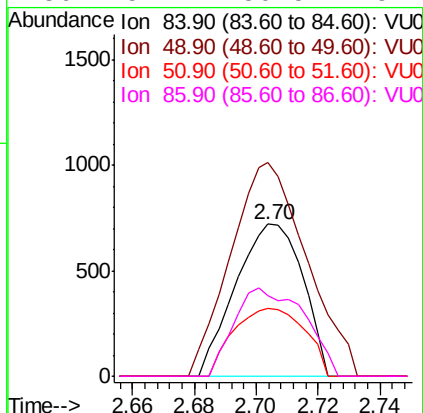
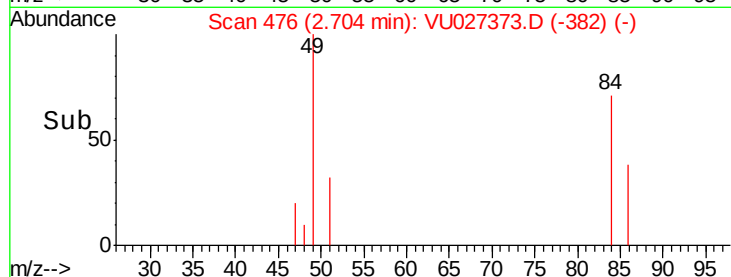
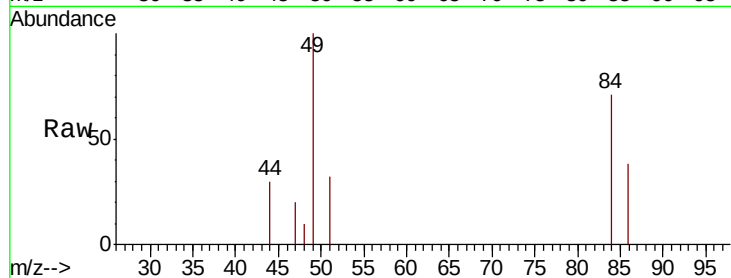




#20
Methylene Chloride
Concen: 0.874 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

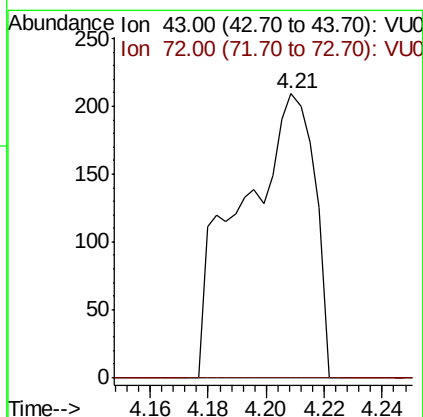
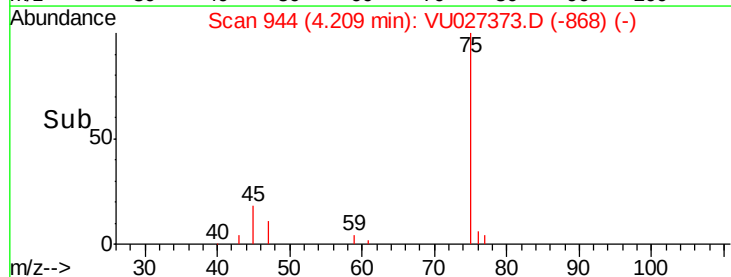
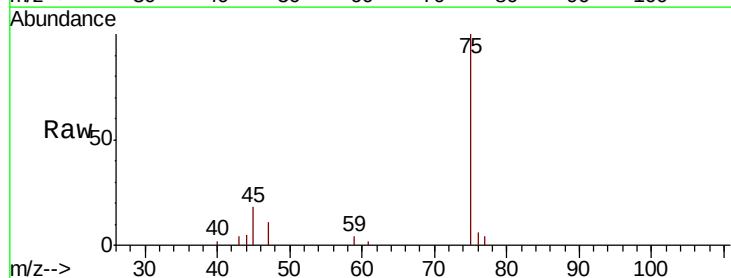
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MSVOA_U
ClientSampleId :
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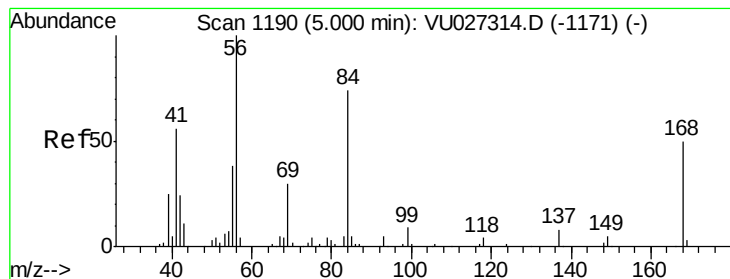
Tgt Ion: 84 Resp: 1088
Ion Ratio Lower Upper
84 100
49 140.4 120.5 180.7
51 44.5 35.1 52.7
86 52.7 50.5 75.7



#25
2-Butanone
Concen: 0.303 ug/l
RT: 4.21 min Scan# 944
Delta R.T. -0.05 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#





#31

Cyclohexane

Concen: 0.689 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027373.D

Acq: 03 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

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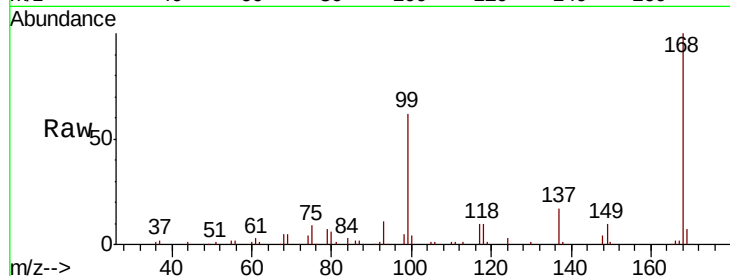
Tgt Ion: 56 Resp: 2239

Ion Ratio Lower Upper

56 100

69 186.6 24.1 36.1#

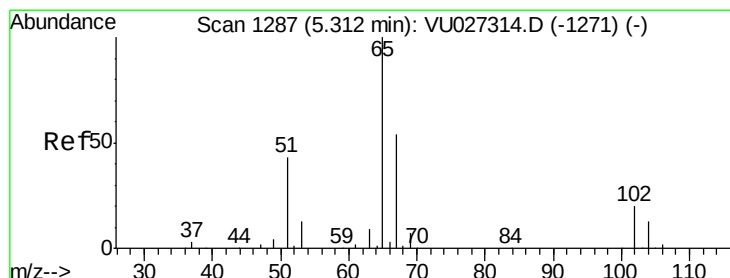
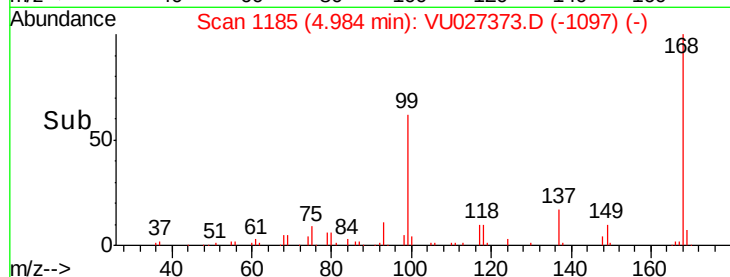
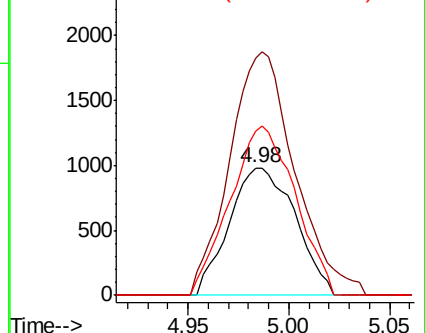
84 129.6 59.1 88.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 63.287 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027373.D

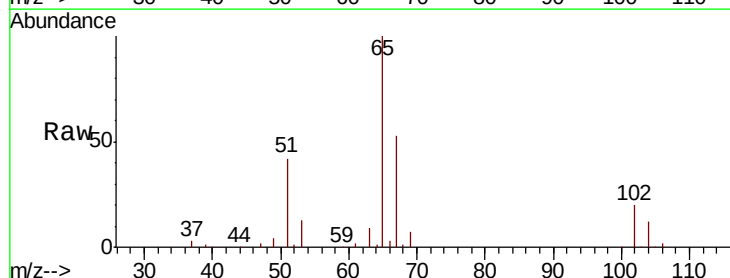
Acq: 03 Oct 2018 22:16

Tgt Ion: 65 Resp: 95697

Ion Ratio Lower Upper

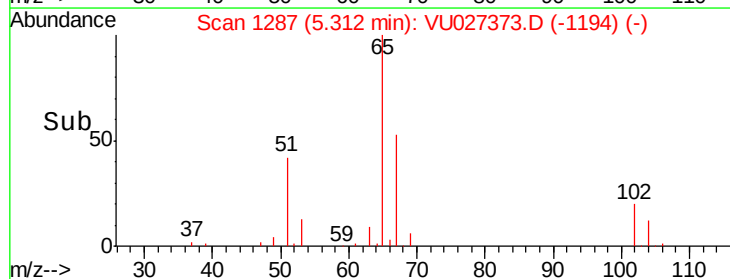
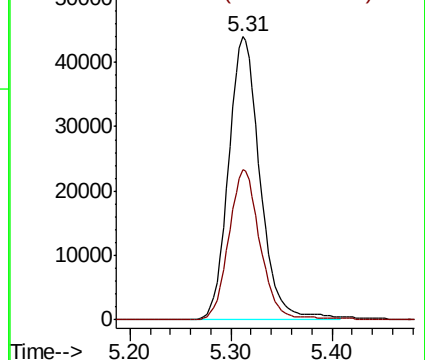
65 100

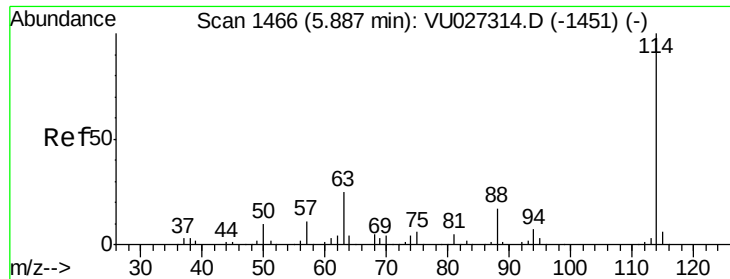
67 52.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

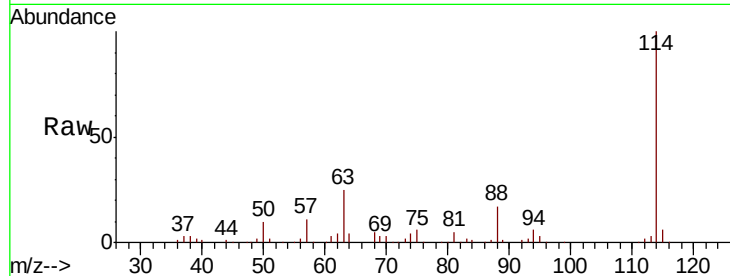




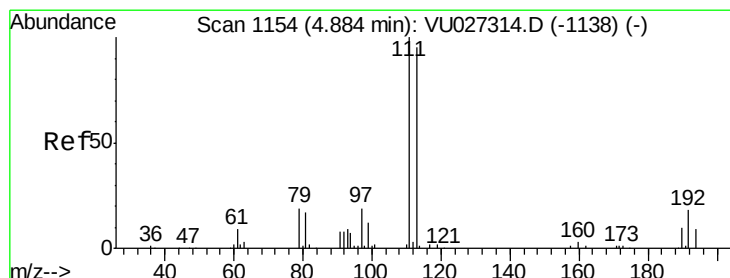
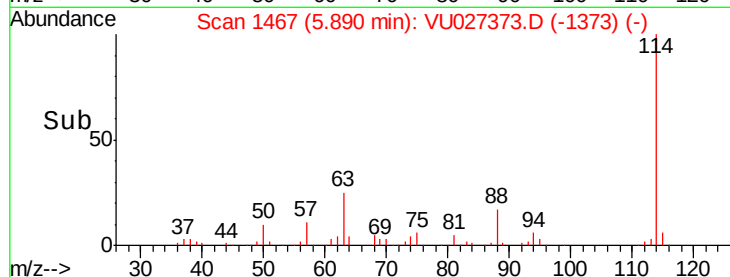
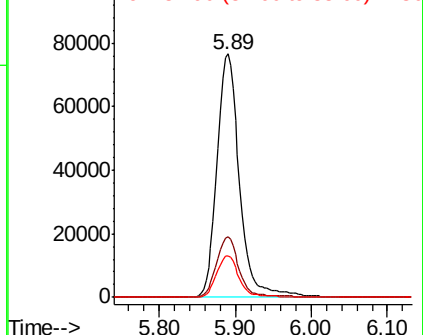
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027373.D
 Acq: 03 Oct 2018 22:16

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:114 Resp: 157931
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.2
 88 17.2 0.0 33.8

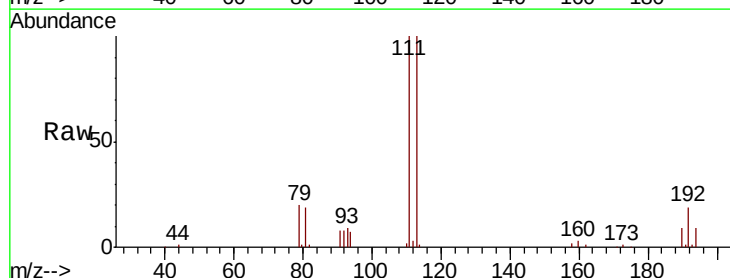


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

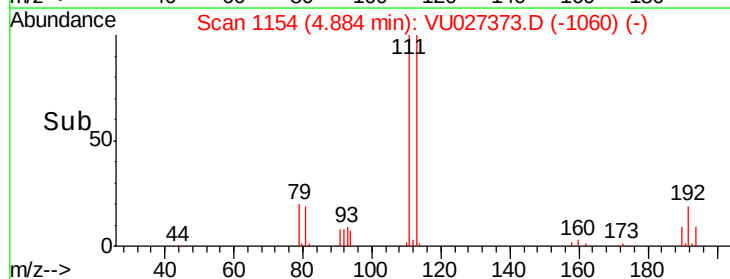
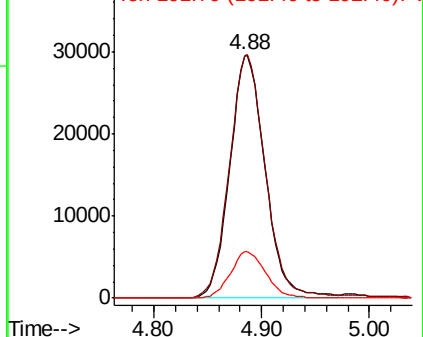


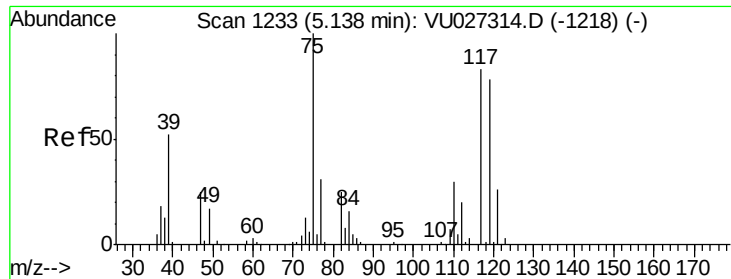
#35
 Dibromofluoromethane
 Concen: 62.493 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027373.D
 Acq: 03 Oct 2018 22:16

Tgt Ion:113 Resp: 67639
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.1 124.7
 192 19.1 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: 4.858 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027373.D

Acq: 03 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

FIELD-BLANK

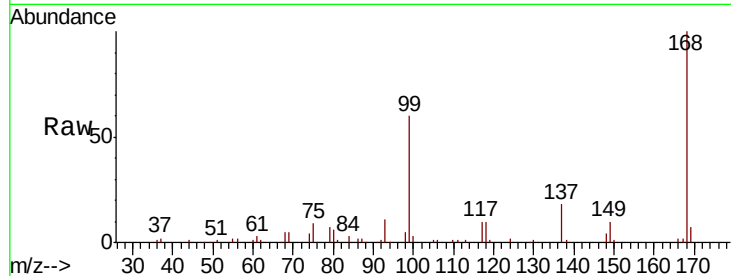
Tgt Ion: 75 Resp: 8330

Ion Ratio Lower Upper

75 100

110 6.1 15.5 46.5#

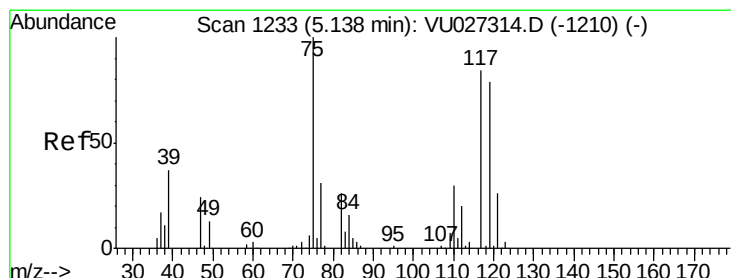
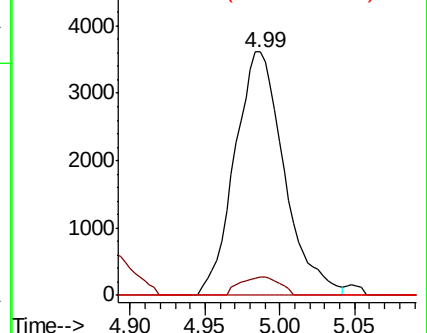
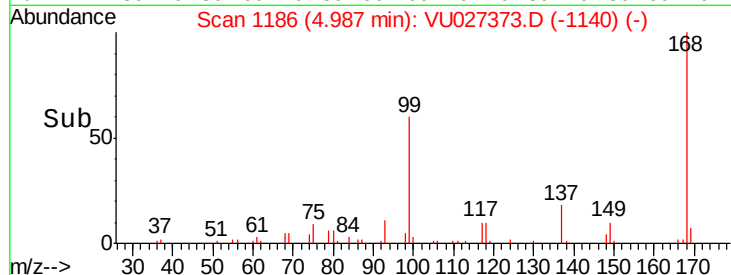
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VU027373.D (-1140) (-)

Ion 109.90 (109.60 to 110.60): VU027373.D (-1140) (-)

Ion 76.90 (76.60 to 77.60): VU027373.D (-1140) (-)



#38

Carbon Tetrachloride

Concen: 6.126 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027373.D

Acq: 03 Oct 2018 22:16

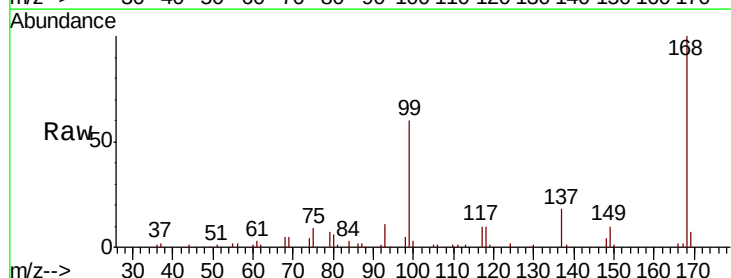
Tgt Ion: 117 Resp: 9489

Ion Ratio Lower Upper

117 100

119 5.9 74.5 111.7#

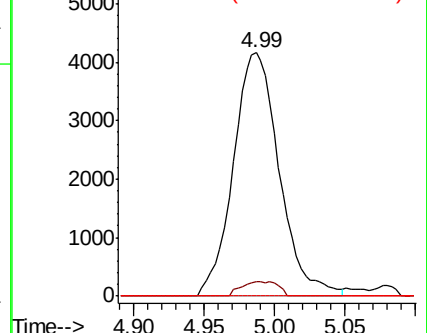
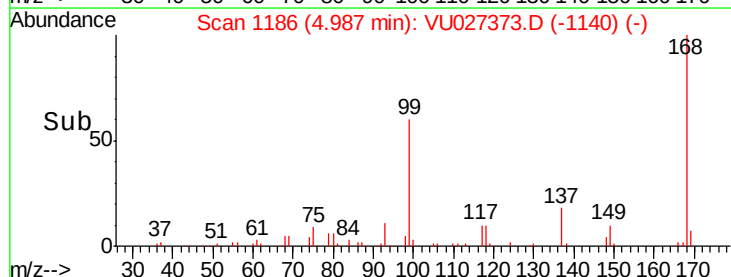
121 0.0 24.6 37.0#

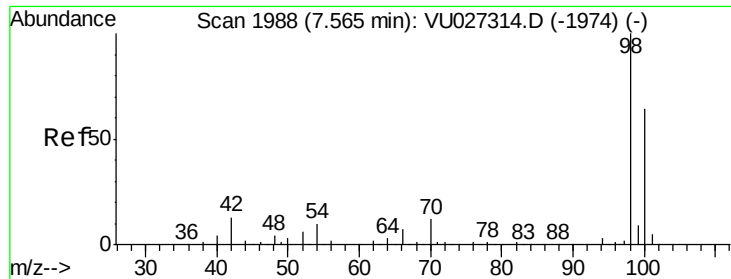


Abundance Ion 116.80 (116.50 to 117.50): VU027373.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027373.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027373.D (-1140) (-)





#50

Toluene-d8

Concen: 60.268 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027373.D

Acq: 03 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

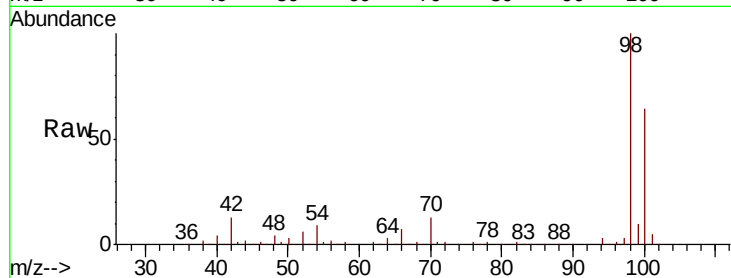
FIELD-BLANK

Tgt Ion: 98 Resp: 244141

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

150000

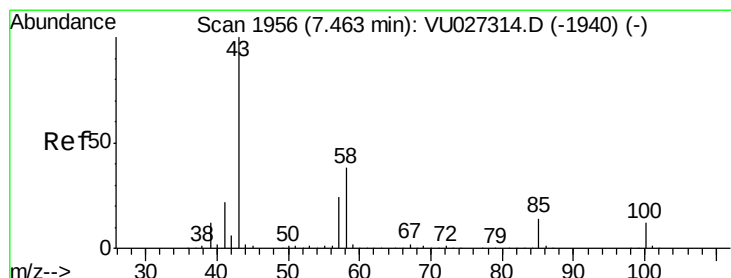
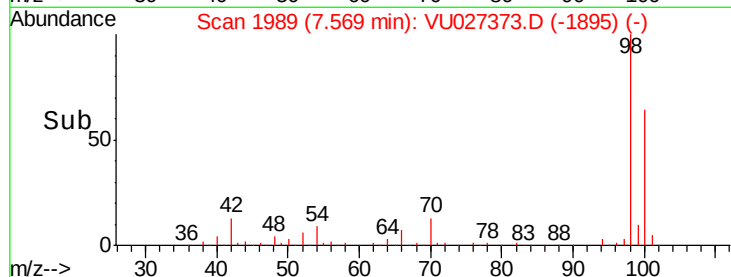
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.507 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU027373.D

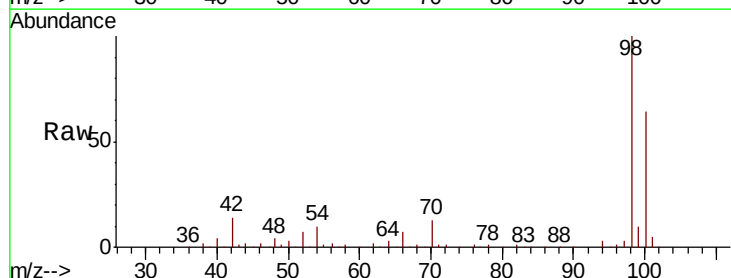
Acq: 03 Oct 2018 22:16

Tgt Ion: 43 Resp: 1134

Ion Ratio Lower Upper

43 100

58 191.9 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.57

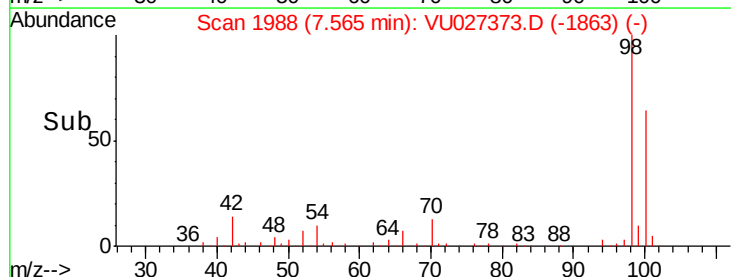
1000

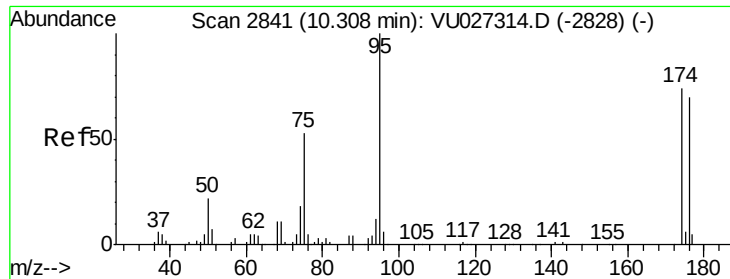
500

0

7.55 7.60

Time-->

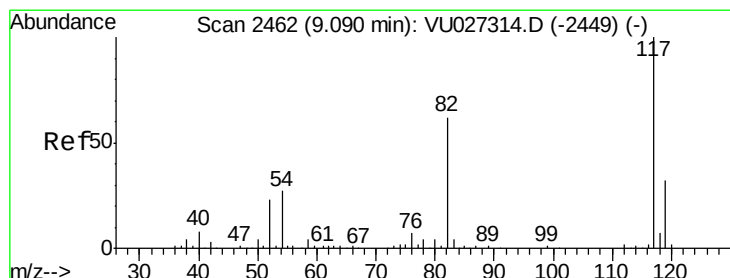
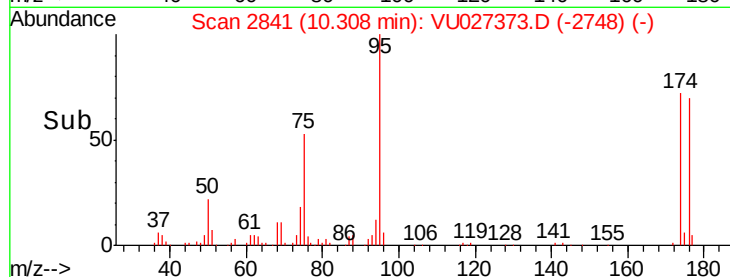
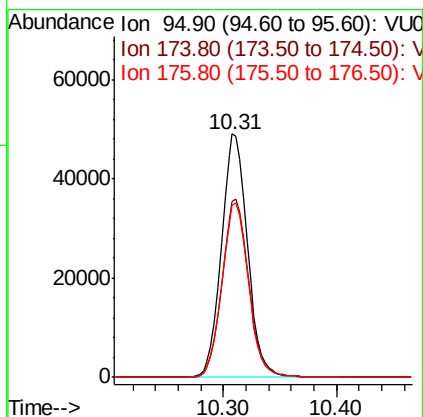
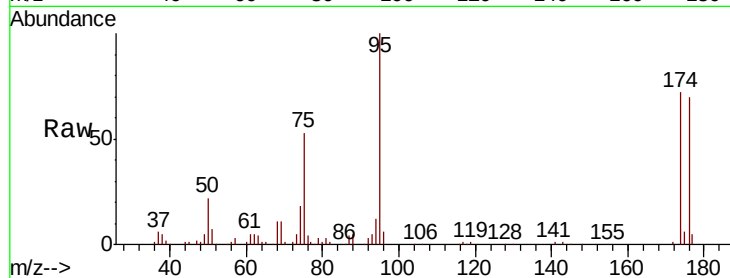




#62
 4-Bromofluorobenzene
 Concen: 52.393 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027373.D
 Acq: 03 Oct 2018 22:16

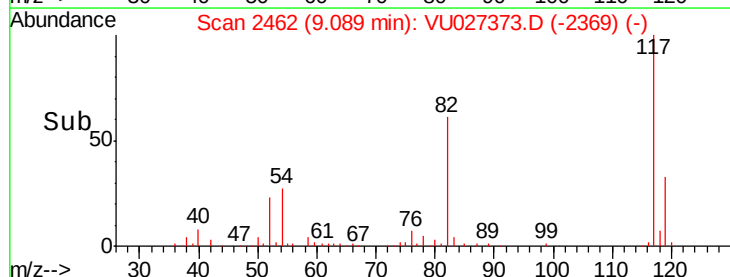
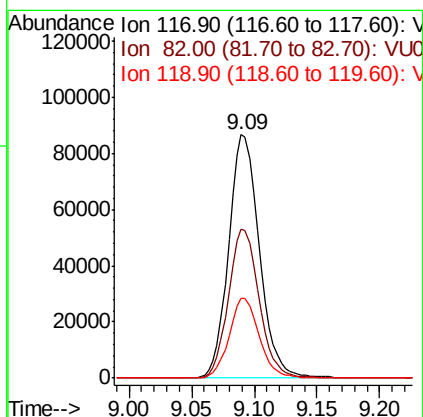
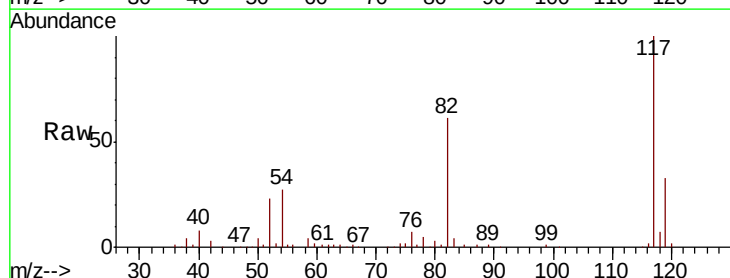
Instrument :
 MSVOA_U
 ClientSampleId :
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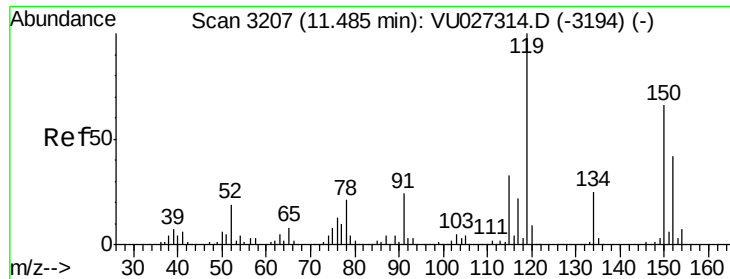
Tgt Ion: 95 Resp: 78876
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 147.8
 176 72.7 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027373.D
 Acq: 03 Oct 2018 22:16

Tgt Ion: 117 Resp: 147690
 Ion Ratio Lower Upper
 117 100
 82 61.3 49.2 73.8
 119 32.6 25.7 38.5



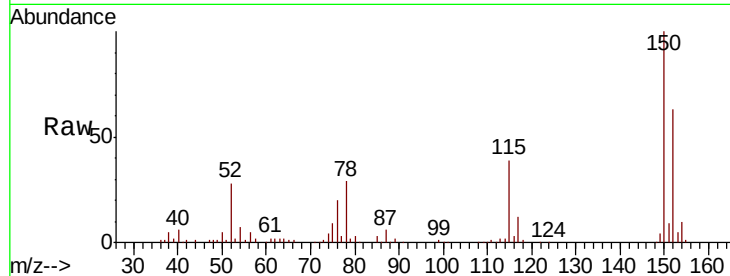


#72

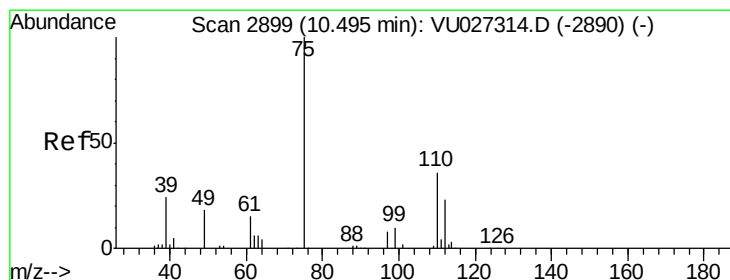
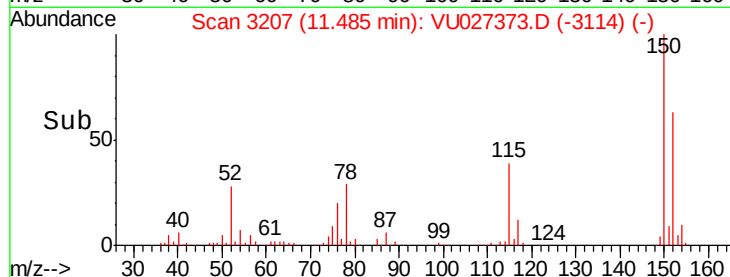
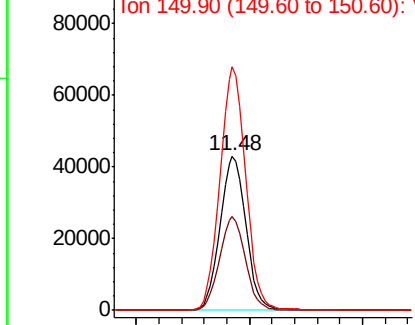
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

Instrument :
MSVOA_U
ClientSampleId :
FIELD-BLANK

Tgt Ion:152 Resp: 68818
Ion Ratio Lower Upper
152 100
115 60.4 43.4 130.2
150 156.3 0.0 349.2



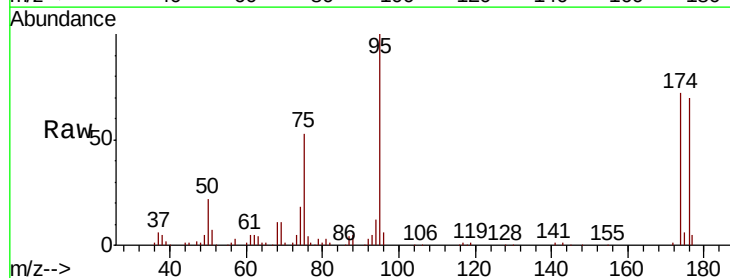
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



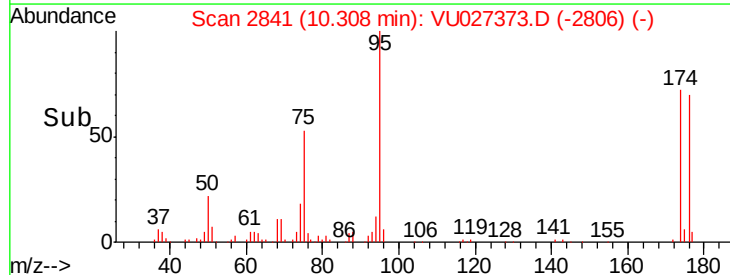
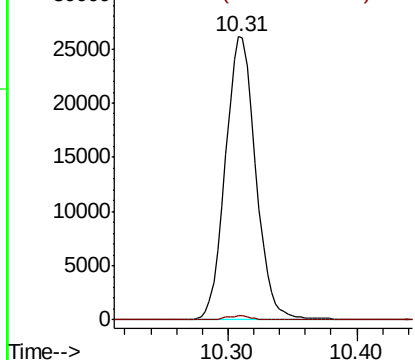
#76

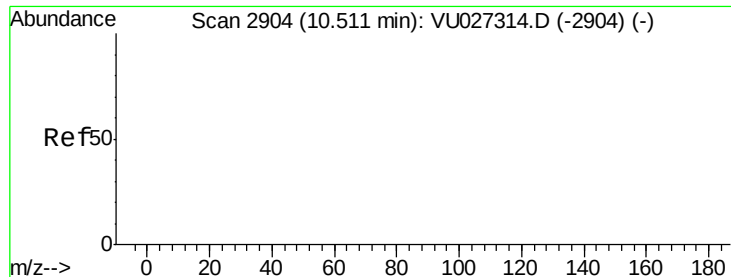
1,2,3-Trichloropropane
Concen: 23.883 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

Tgt Ion: 75 Resp: 42605
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

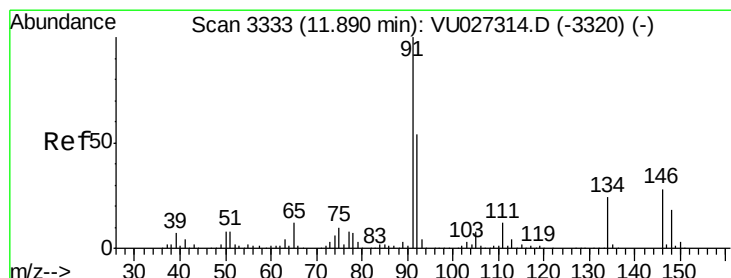
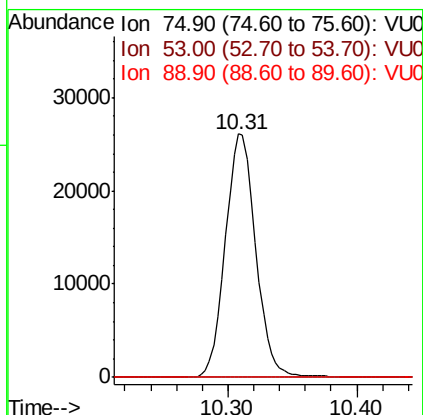
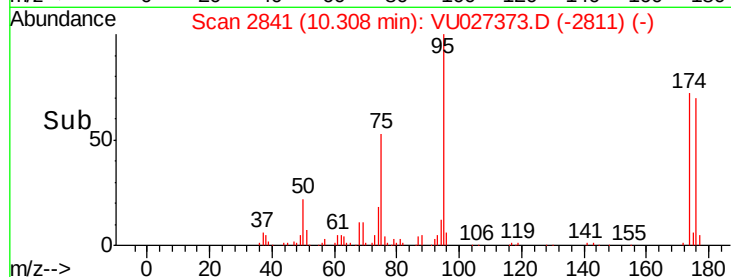
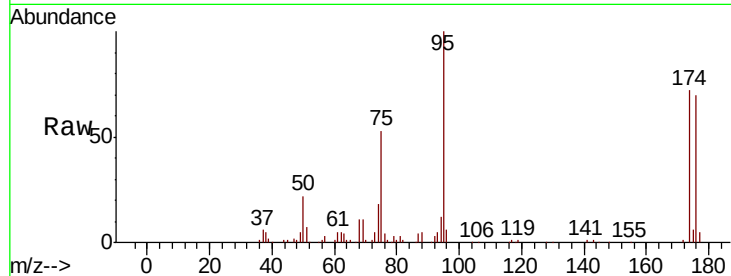




#81
trans-1,4-Dichloro-2-butene
Concen: 62.504 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

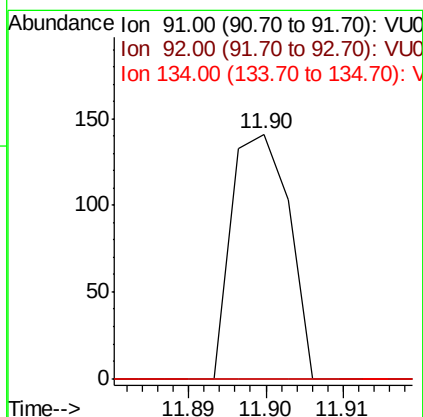
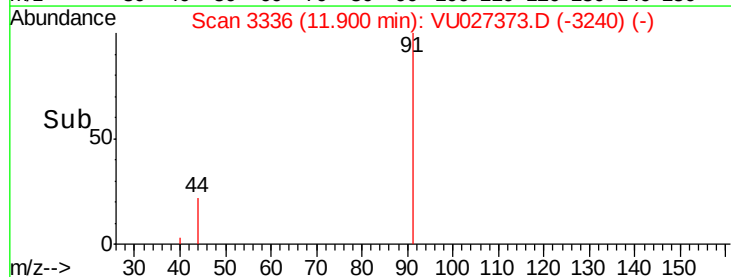
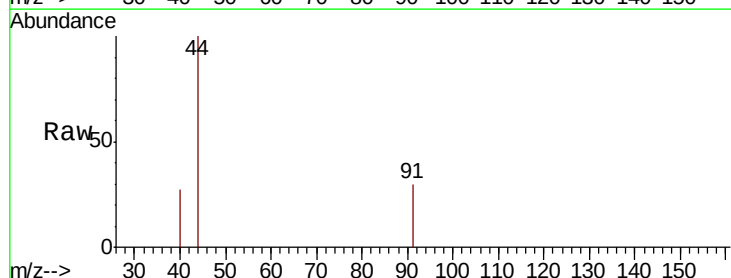
Instrument :
MSVOA_U
ClientSampleId :
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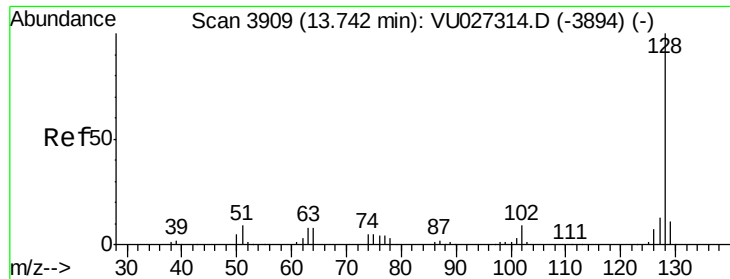
Tgt Ion: 75 Resp: 42605
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 1.965 ug/l
RT: 11.90 min Scan# 3336
Delta R.T. 0.01 min
Lab File: VU027373.D
Acq: 03 Oct 2018 22:16

Tgt Ion: 91 Resp: 73
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 0.0 11.7 35.1#





#95

Naphthalene

Concen: 1.761 ug/l

RT: 13.77 min Scan# 3918

Delta R.T. 0.03 min

Lab File: VU027373.D

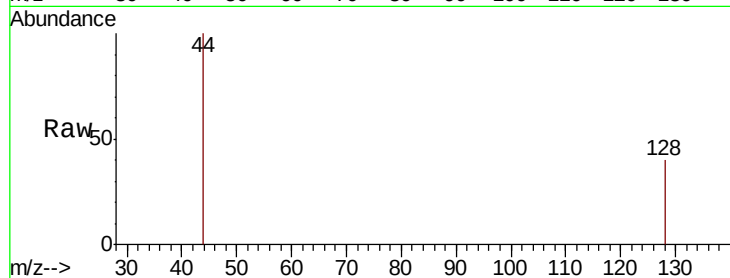
Acq: 03 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

FIELD-BLANK



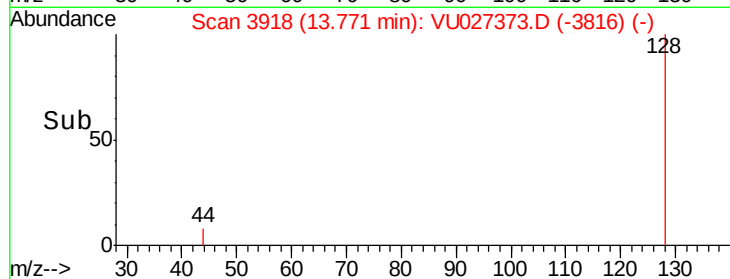
Tgt Ion:128 Resp: 546

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

