

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
 Data File : VU027482.D
 Acq On : 06 Oct 2018 02:32
 Operator : MD/SY
 Sample : J5262-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 N48964-BS

Quant Time: Oct 06 04:06:12 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	111347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	190537	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	98590	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	104221	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	4.89	113	73818	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
50) Toluene-d8	7.57	98	289766	59.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.58%	
62) 4-Bromofluorobenzene	10.31	95	105834	58.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.54%	

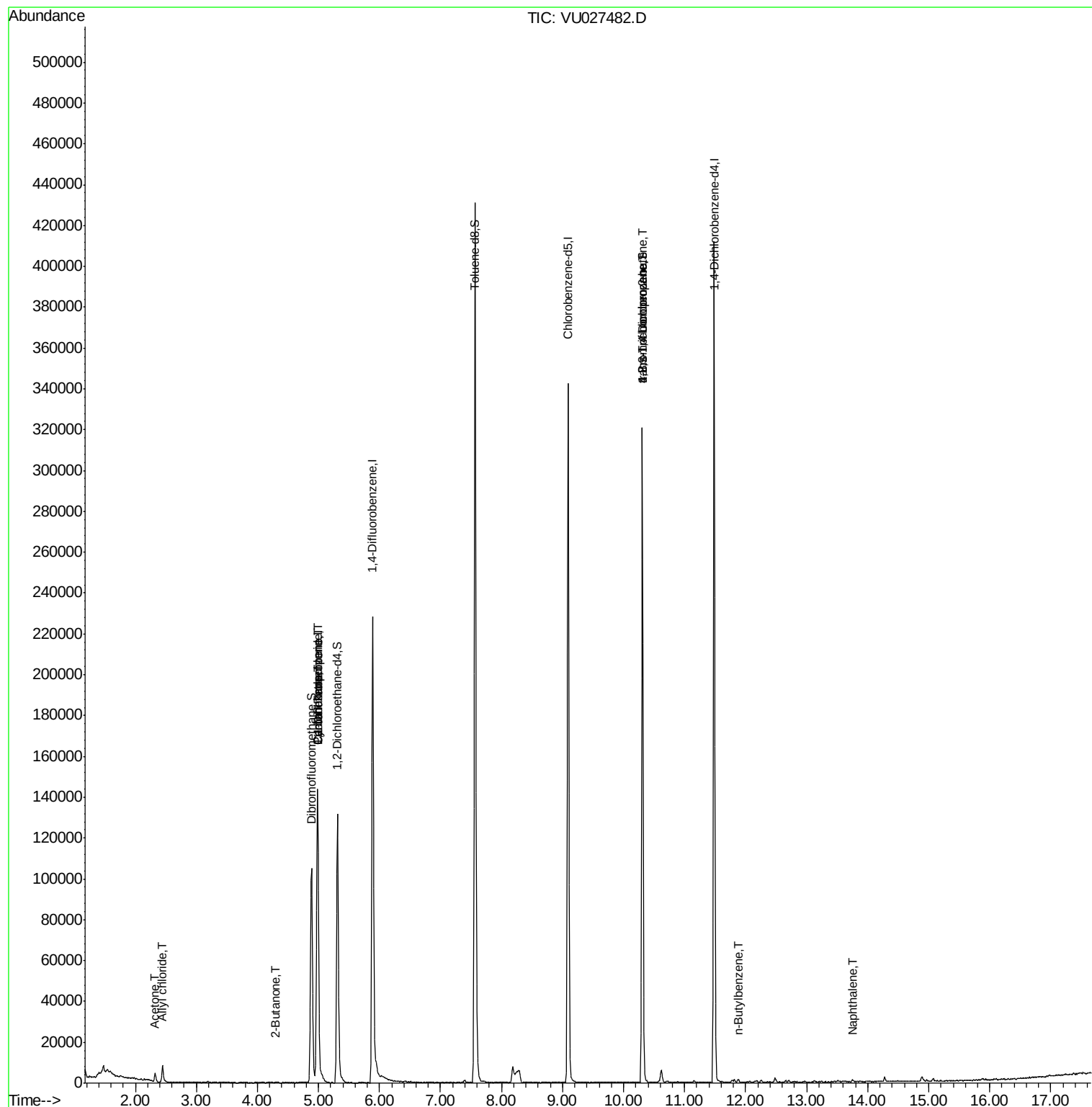
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	2.45	41	770	0.276	ug/l #	68
16) Acetone	2.32	43	4977	4.531	ug/l	93
25) 2-Butanone	4.29	43	369	0.246	ug/l #	54
31) Cyclohexane	4.99	56	2579	0.630	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10056	4.861	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10946	5.857	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	56170	21.978	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	56170	57.520	ug/l #	100
89) n-Butylbenzene	11.89	91	467	2.019	ug/l #	39
95) Naphthalene	13.75	128	1665	1.876	ug/l #	76

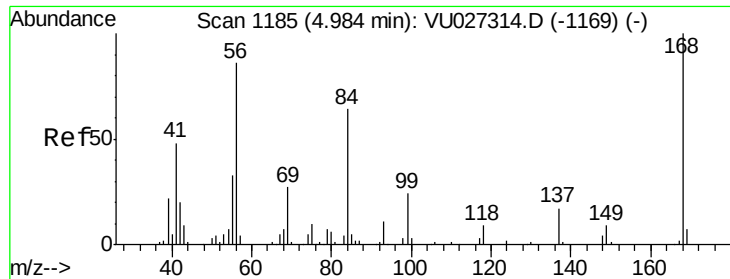
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 06 04:06:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

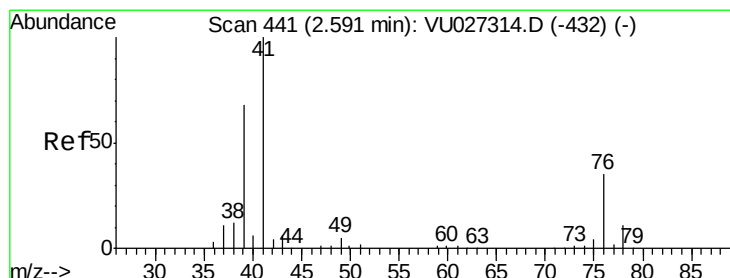
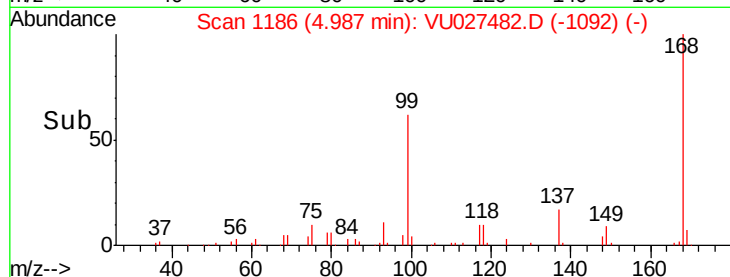
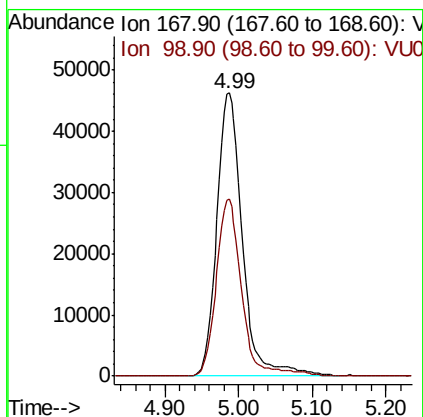
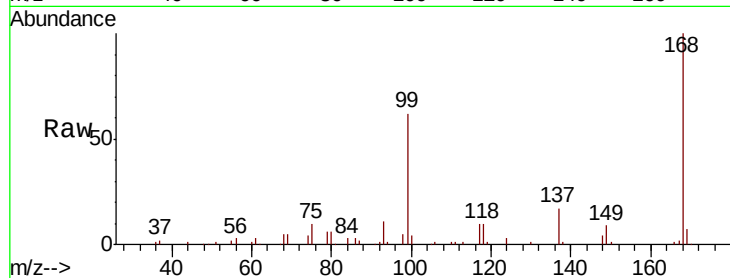




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027482.D
Acq: 06 Oct 2018 02:32

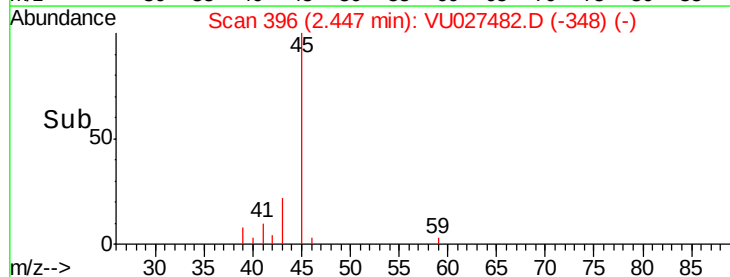
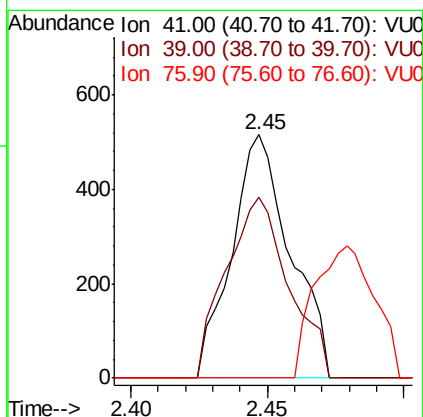
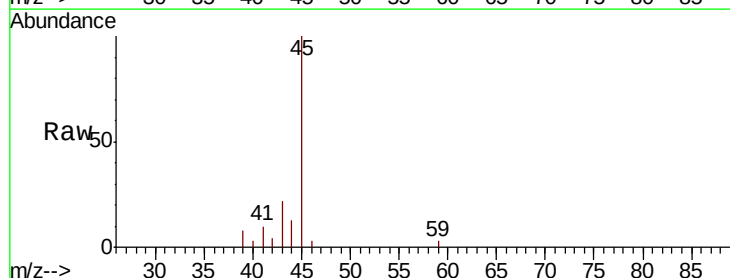
Instrument :
MSVOA_U
ClientSampleId :
N48964-BS

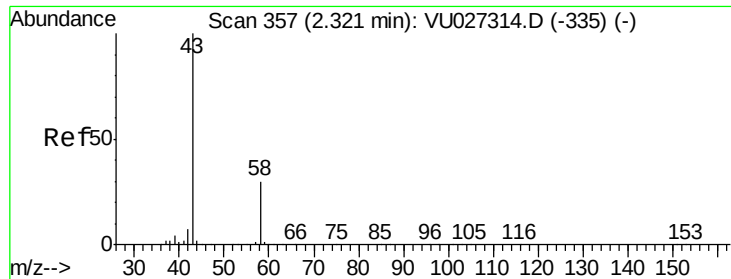
Tgt Ion: 168 Resp: 111347
Ion Ratio Lower Upper
168 100
99 62.5 50.8 76.2



#14
Allyl chloride
Concen: 0.276 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.14 min
Lab File: VU027482.D
Acq: 06 Oct 2018 02:32

Tgt Ion: 41 Resp: 770
Ion Ratio Lower Upper
41 100
39 79.6 51.8 77.8#
76 0.0 25.9 38.9#





#16

Acetone

Concen: 4.531 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

Instrument :

MSVOA_U

ClientSampleId :

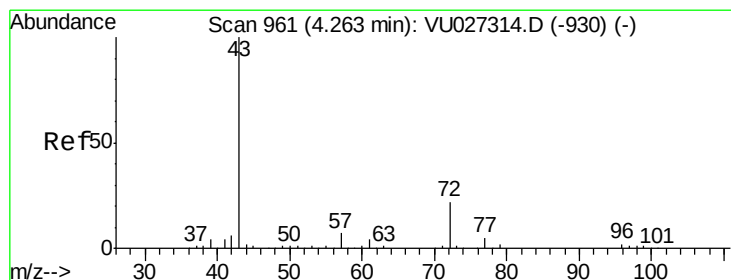
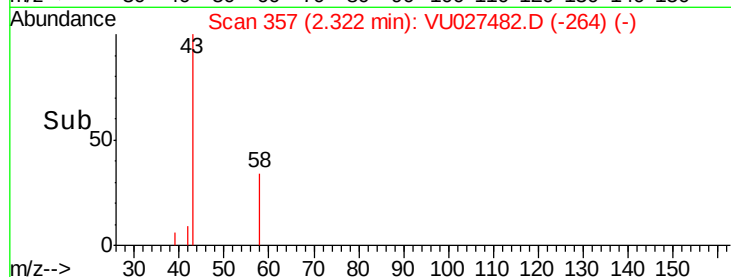
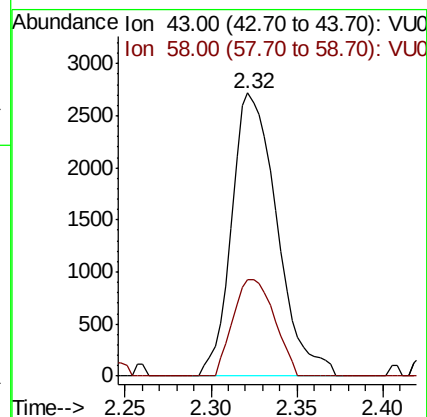
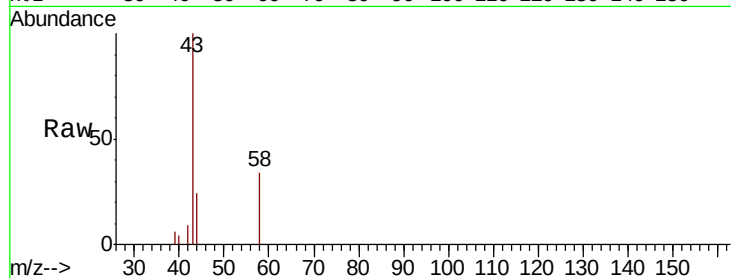
N48964-BS

Tgt Ion: 43 Resp: 4977

Ion Ratio Lower Upper

43 100

58 34.2 24.2 36.4



#25

2-Butanone

Concen: 0.246 ug/l

RT: 4.29 min Scan# 969

Delta R.T. 0.03 min

Lab File: VU027482.D

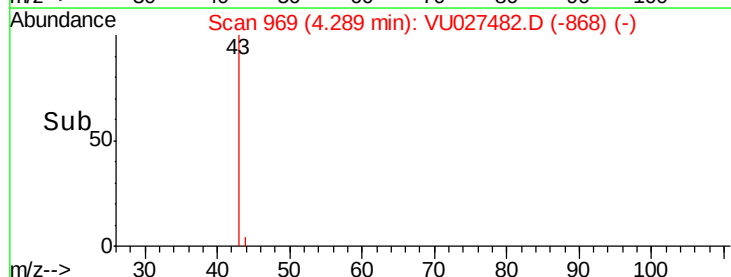
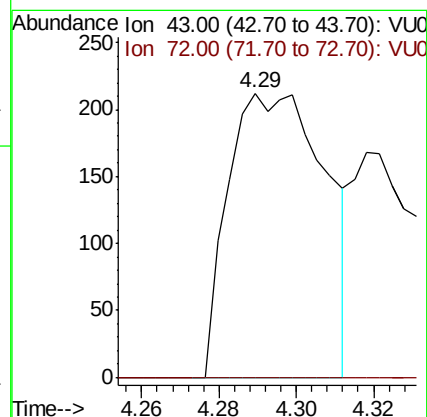
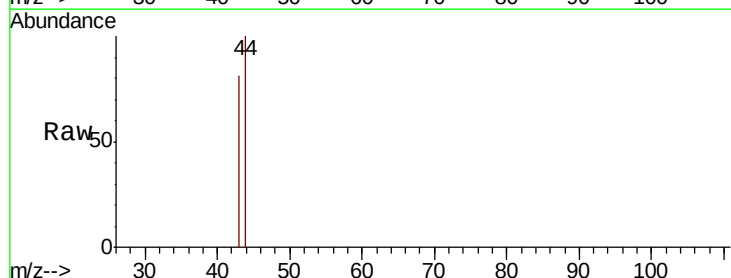
Acq: 06 Oct 2018 02:32

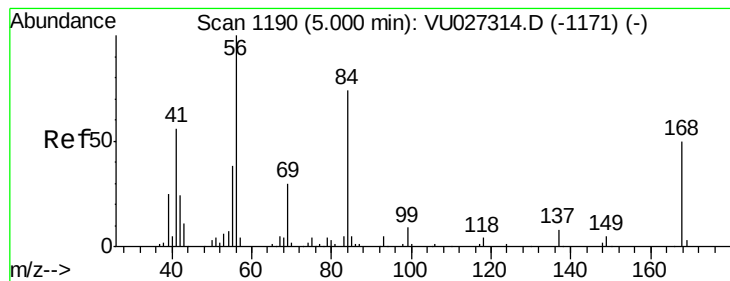
Tgt Ion: 43 Resp: 369

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.6#





#31

Cyclohexane

Concen: 0.630 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

Instrument :

MSVOA_U

ClientSampleId :

N48964-BS

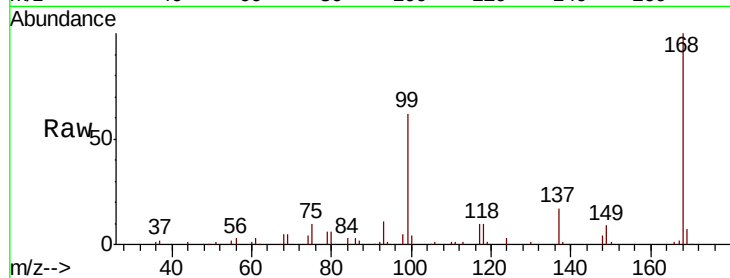
Tgt Ion: 56 Resp: 2579

Ion Ratio Lower Upper

56 100

69 169.5 24.1 36.1#

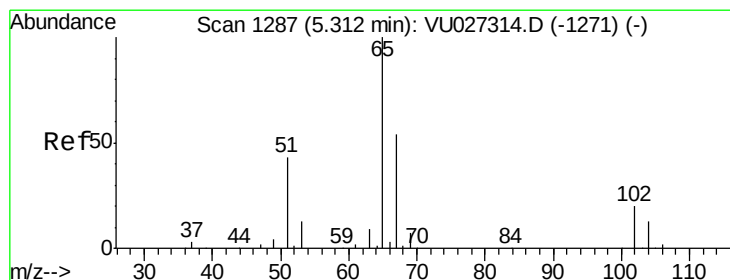
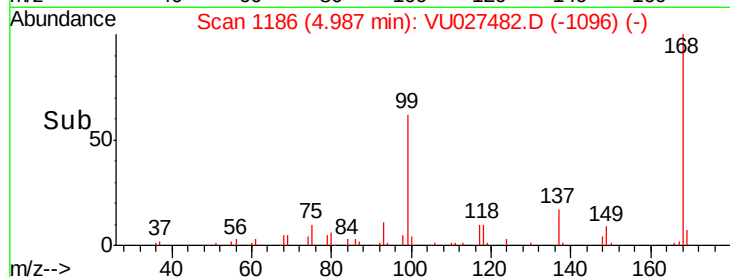
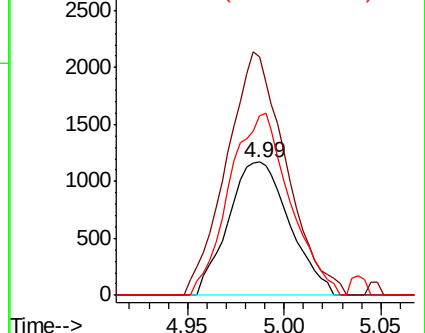
84 134.8 59.1 88.7#



Abundance Ion 56.00 (55.70 to 56.70): VU027314.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027314.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027314.D (-1171) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.054 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027482.D

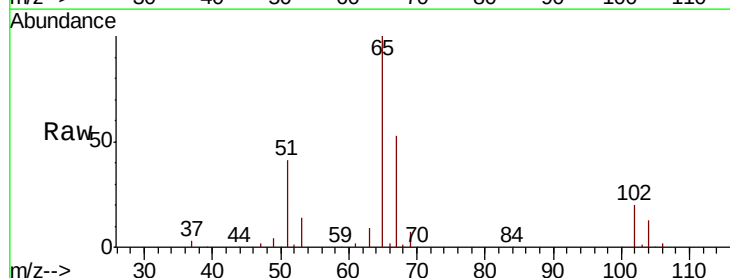
Acq: 06 Oct 2018 02:32

Tgt Ion: 65 Resp: 104221

Ion Ratio Lower Upper

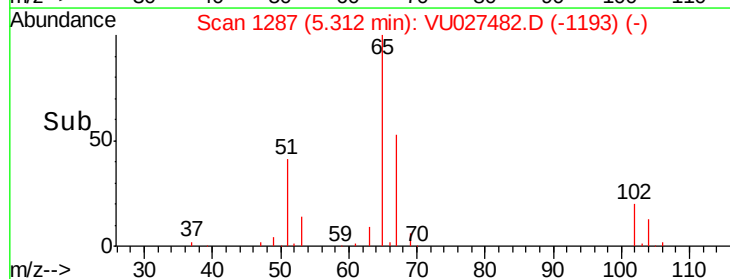
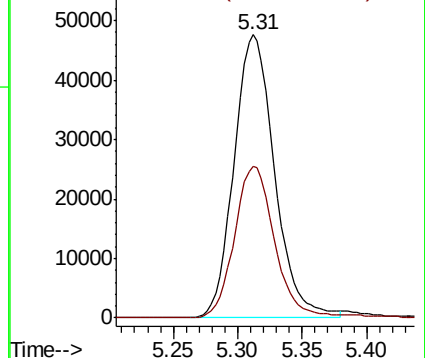
65 100

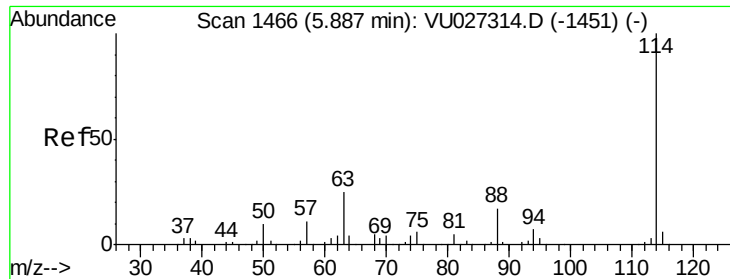
67 52.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

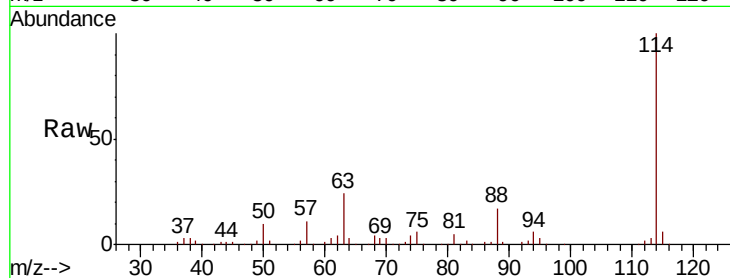




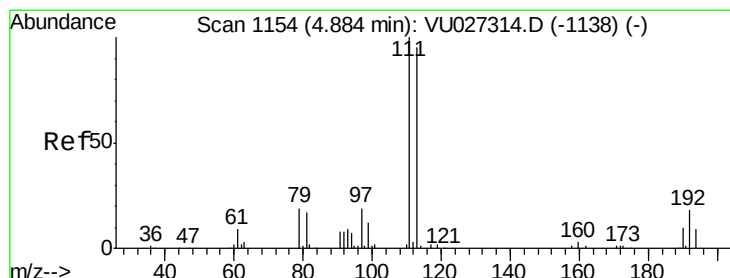
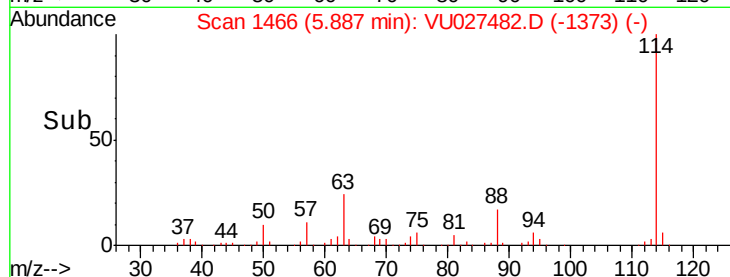
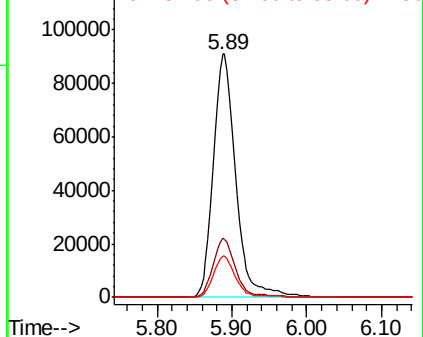
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027482.D
 Acq: 06 Oct 2018 02:32

Instrument :
 MSVOA_U
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 N48964-BS

Tgt Ion:114 Resp: 190537
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.2
 88 16.9 0.0 33.8

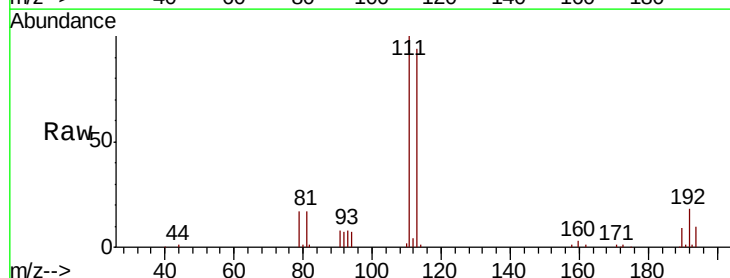


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

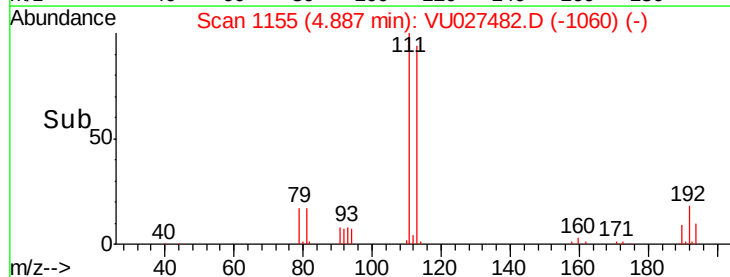
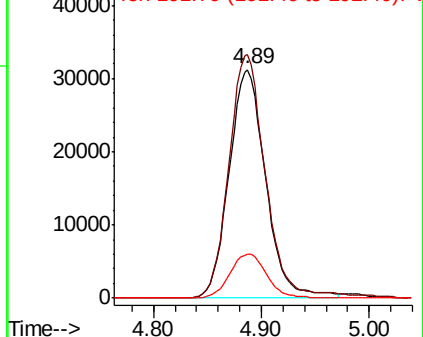


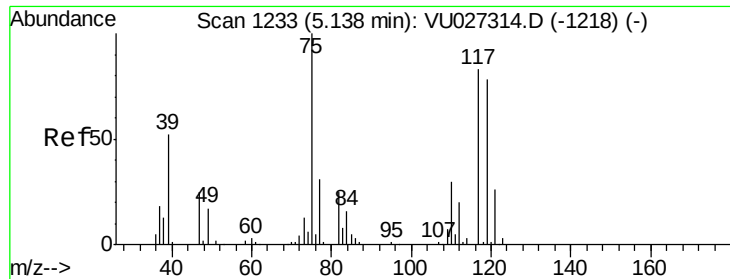
#35
 Dibromofluoromethane
 Concen: 56.531 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027482.D
 Acq: 06 Oct 2018 02:32

Tgt Ion:113 Resp: 73818
 Ion Ratio Lower Upper
 113 100
 111 107.2 83.1 124.7
 192 19.5 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: 4.861 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

Instrument :

MSVOA_U

ClientSampleId :

N48964-BS

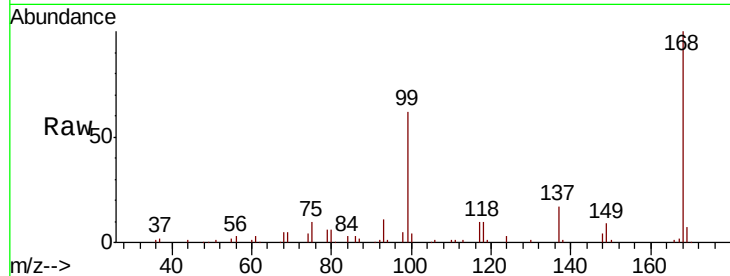
Tgt Ion: 75 Resp: 10056

Ion Ratio Lower Upper

75 100

110 6.3 15.5 46.5#

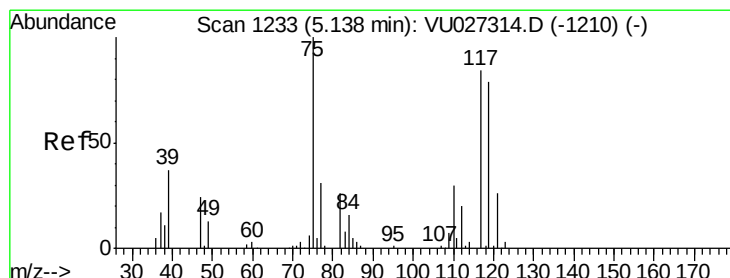
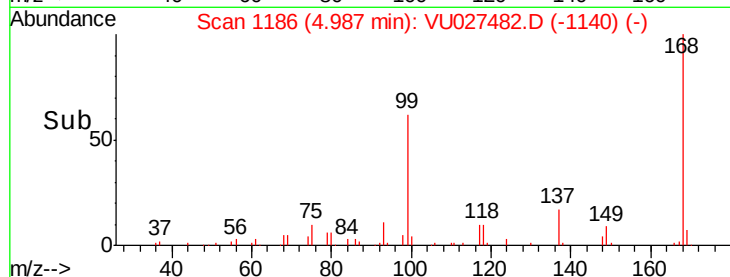
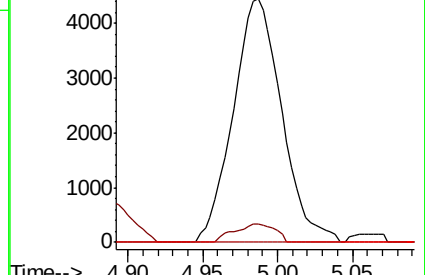
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VU027314.D (-1218) (-)

Ion 109.90 (109.60 to 110.60): VU027314.D (-1218) (-)

Ion 76.90 (76.60 to 77.60): VU027314.D (-1218) (-)



#38

Carbon Tetrachloride

Concen: 5.857 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

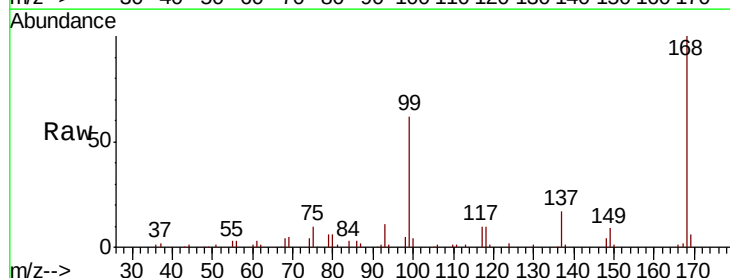
Tgt Ion: 117 Resp: 10946

Ion Ratio Lower Upper

117 100

119 5.6 74.5 111.7#

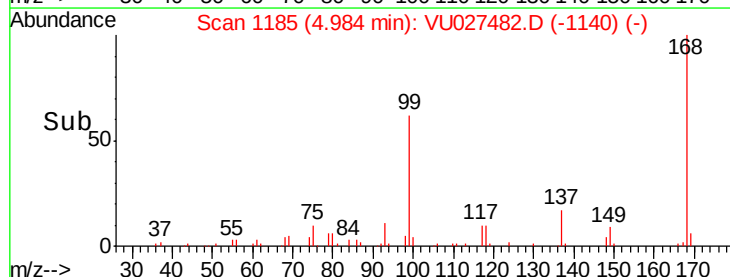
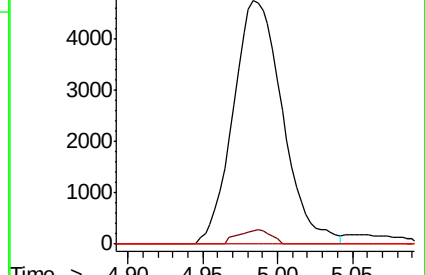
121 0.0 24.6 37.0#

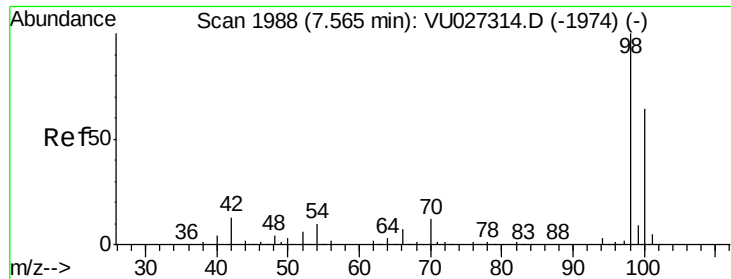


Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)

Ion 118.80 (118.50 to 119.50): VU027314.D (-1210) (-)

Ion 120.80 (120.50 to 121.50): VU027314.D (-1210) (-)

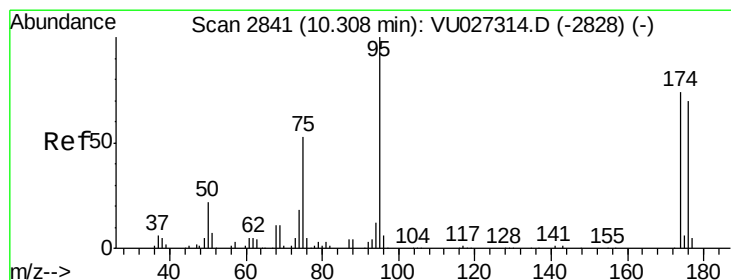
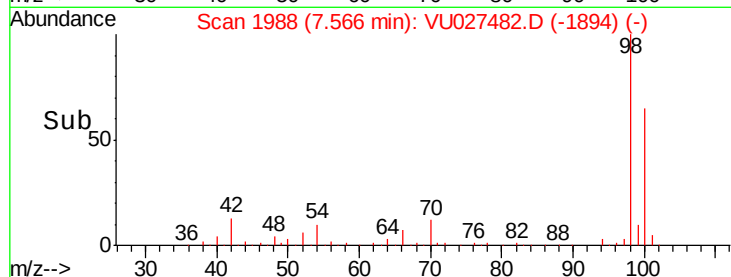
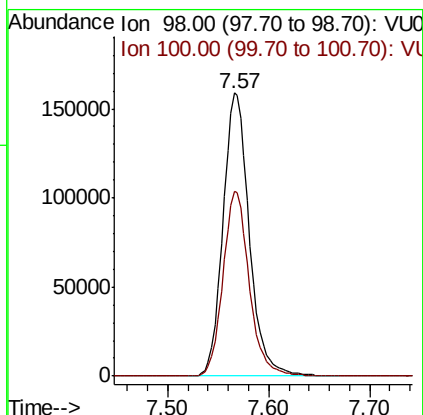
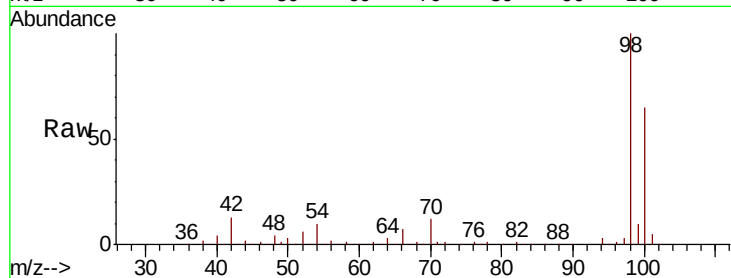




#50
Toluene-d8
Concen: 59.290 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027482.D
Acq: 06 Oct 2018 02:32

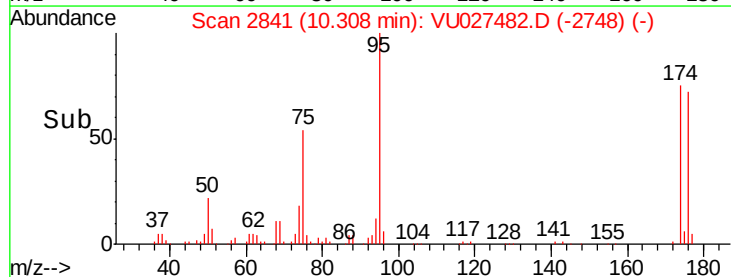
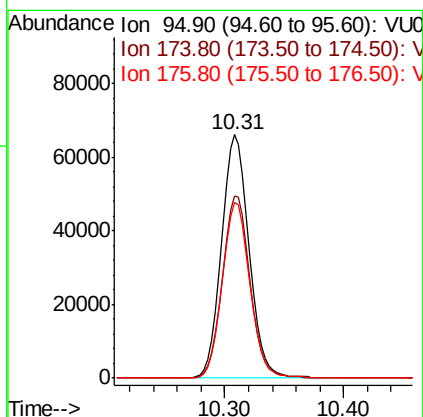
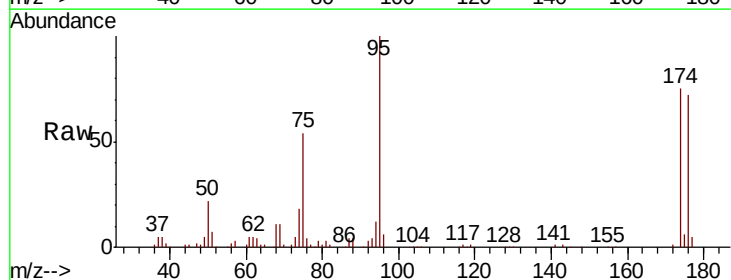
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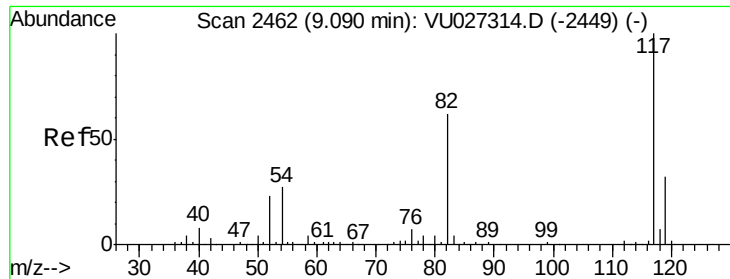
Tgt Ion: 98 Resp: 289766
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 58.269 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027482.D
Acq: 06 Oct 2018 02:32

Tgt Ion: 95 Resp: 105834
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.8
176 72.7 0.0 140.8

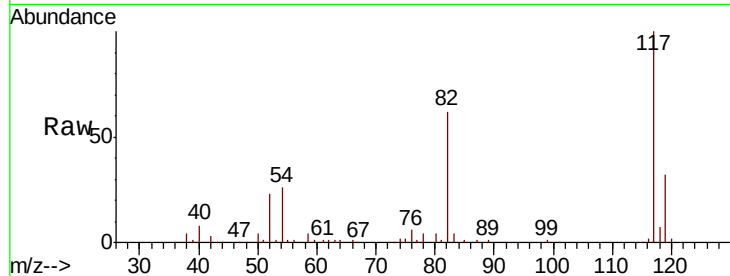




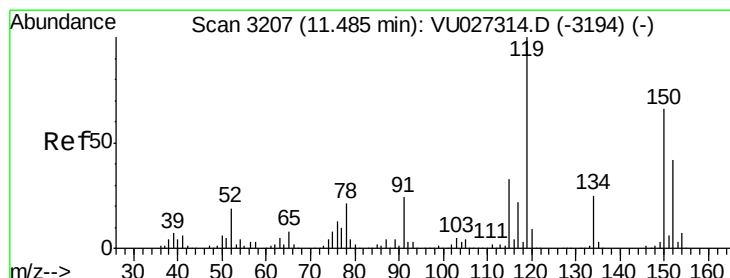
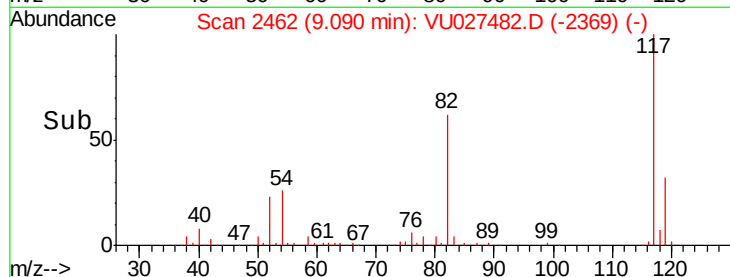
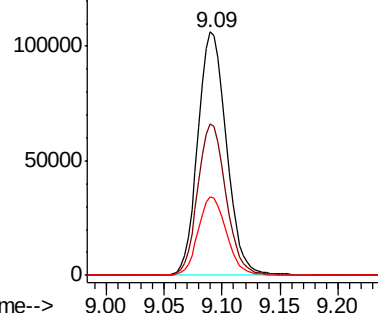
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027482.D
Acq: 06 Oct 2018 02:32

Instrument :
MSVOA_U
ClientSampleId :
N48964-BS

Tgt Ion:117 Resp: 181515
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 32.4 25.7 38.5

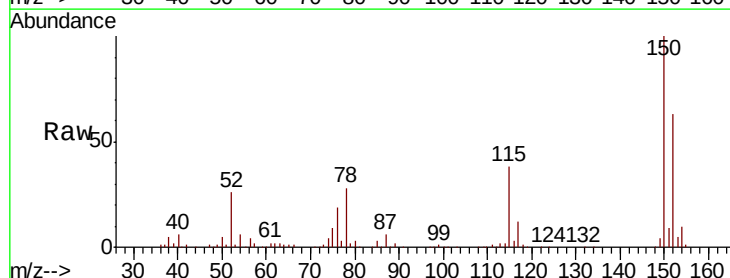


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

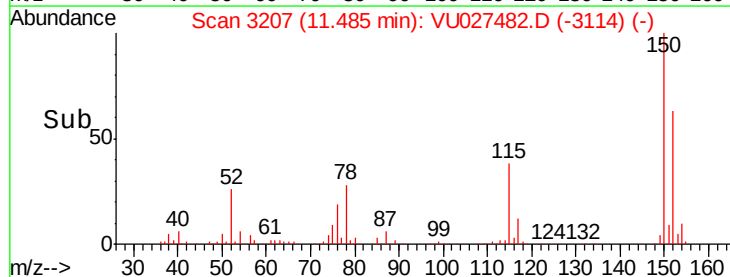
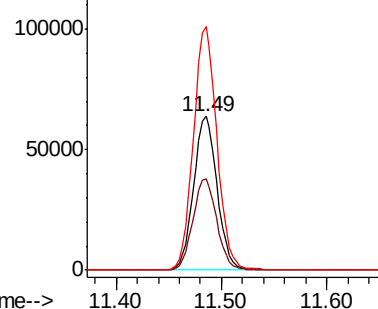


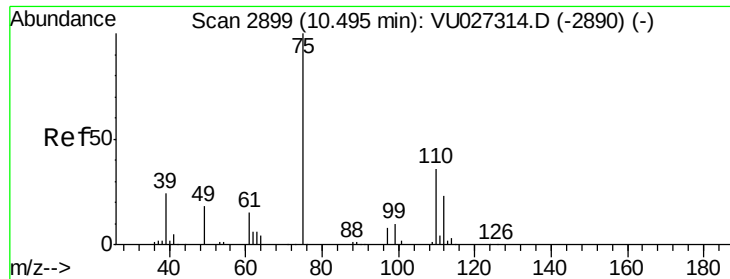
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027482.D
Acq: 06 Oct 2018 02:32

Tgt Ion:152 Resp: 98590
Ion Ratio Lower Upper
152 100
115 59.8 43.4 130.2
150 158.2 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: 21.978 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

Instrument :

MSVOA_U

ClientSampleId :

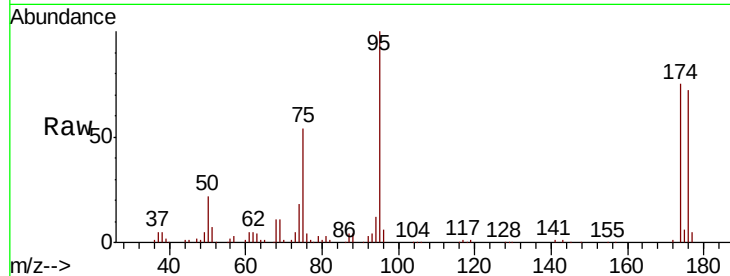
N48964-BS

Tgt Ion: 75 Resp: 56170

Ion Ratio Lower Upper

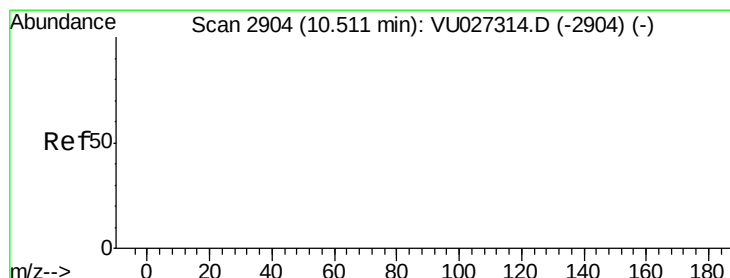
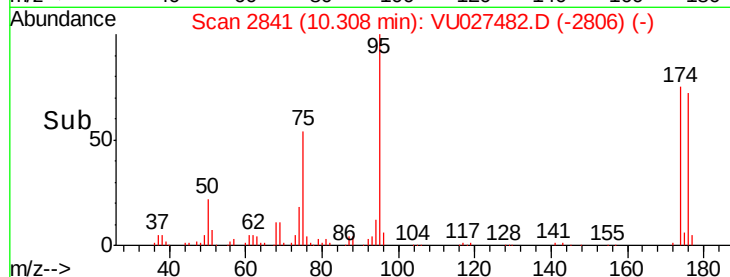
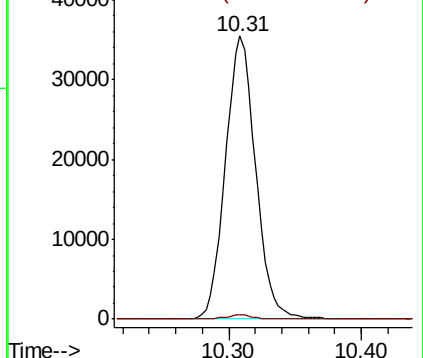
75 100

77 1.3 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: 57.520 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

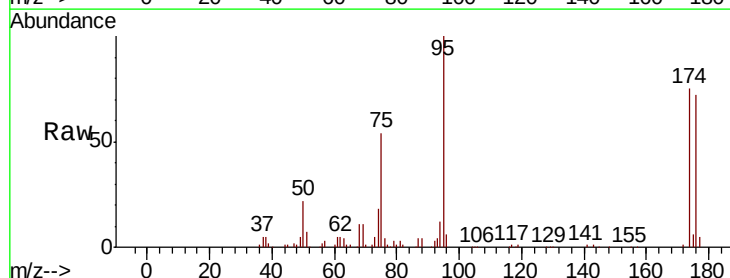
Tgt Ion: 75 Resp: 56170

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

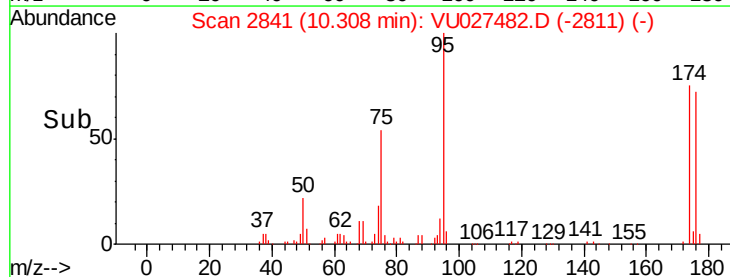
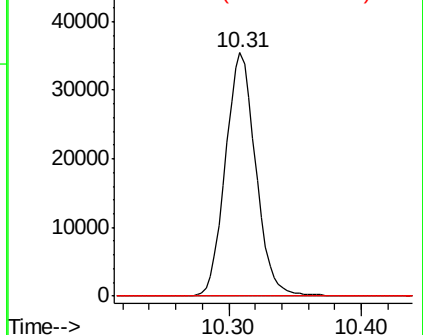
89 0.0 0.0 0.0

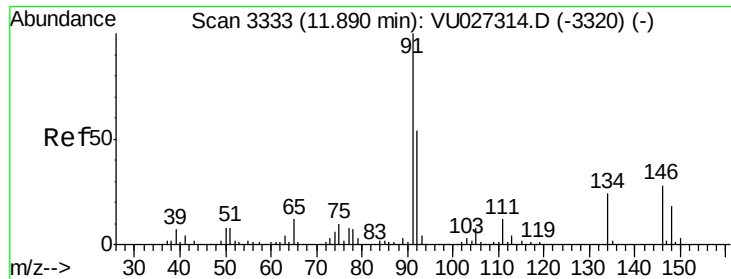


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#89

n-Butylbenzene

Concen: 2.019 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

Instrument :

MSVOA_U

ClientSampleId :

N48964-BS

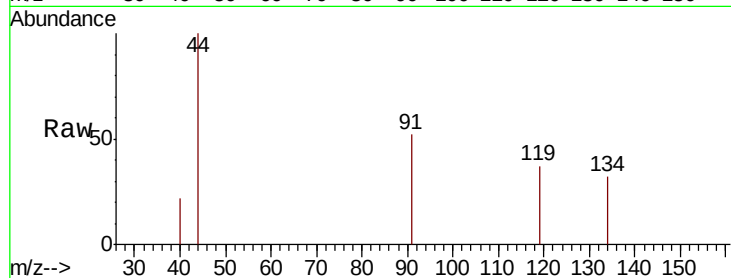
Tgt Ion: 91 Resp: 467

Ion Ratio Lower Upper

91 100

92 4.3 27.0 81.0#

134 43.9 11.7 35.1#

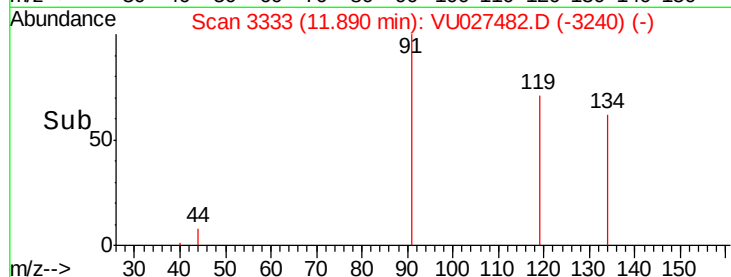


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)

Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)

Time-->

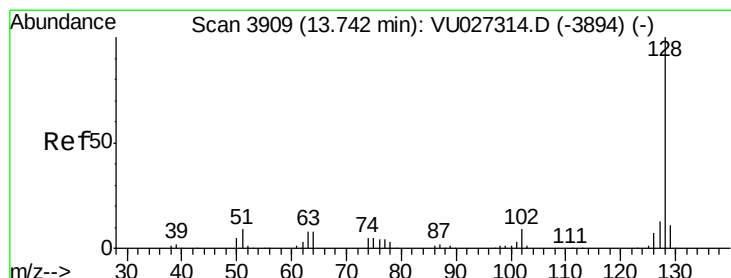


Abundance Ion 91.00 (90.70 to 91.70): VU027482.D (-3240) (-)

Ion 92.00 (91.70 to 92.70): VU027482.D (-3240) (-)

Ion 134.00 (133.70 to 134.70): VU027482.D (-3240) (-)

Time-->



#95

Naphthalene

Concen: 1.876 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027482.D

Acq: 06 Oct 2018 02:32

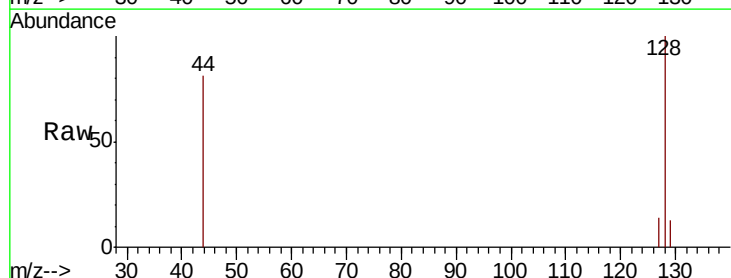
Tgt Ion: 128 Resp: 1665

Ion Ratio Lower Upper

128 100

127 4.1 10.5 15.7#

129 1.2 8.6 12.8#

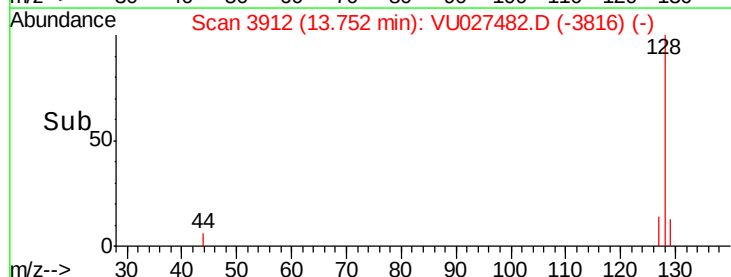


Abundance Ion 128.00 (127.70 to 128.70): VU027314.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU027314.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU027314.D (-3894) (-)

Time-->



Abundance Ion 128.00 (127.70 to 128.70): VU027482.D (-3816) (-)

Ion 127.00 (126.70 to 127.70): VU027482.D (-3816) (-)

Ion 129.00 (128.70 to 129.70): VU027482.D (-3816) (-)

Time-->