

Data File : VU025319.D
Acq On : 11 Jul 2018 17:05
Operator : MD/SY
Sample : J3921-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

Quant Time: Jul 12 08:18:09 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration

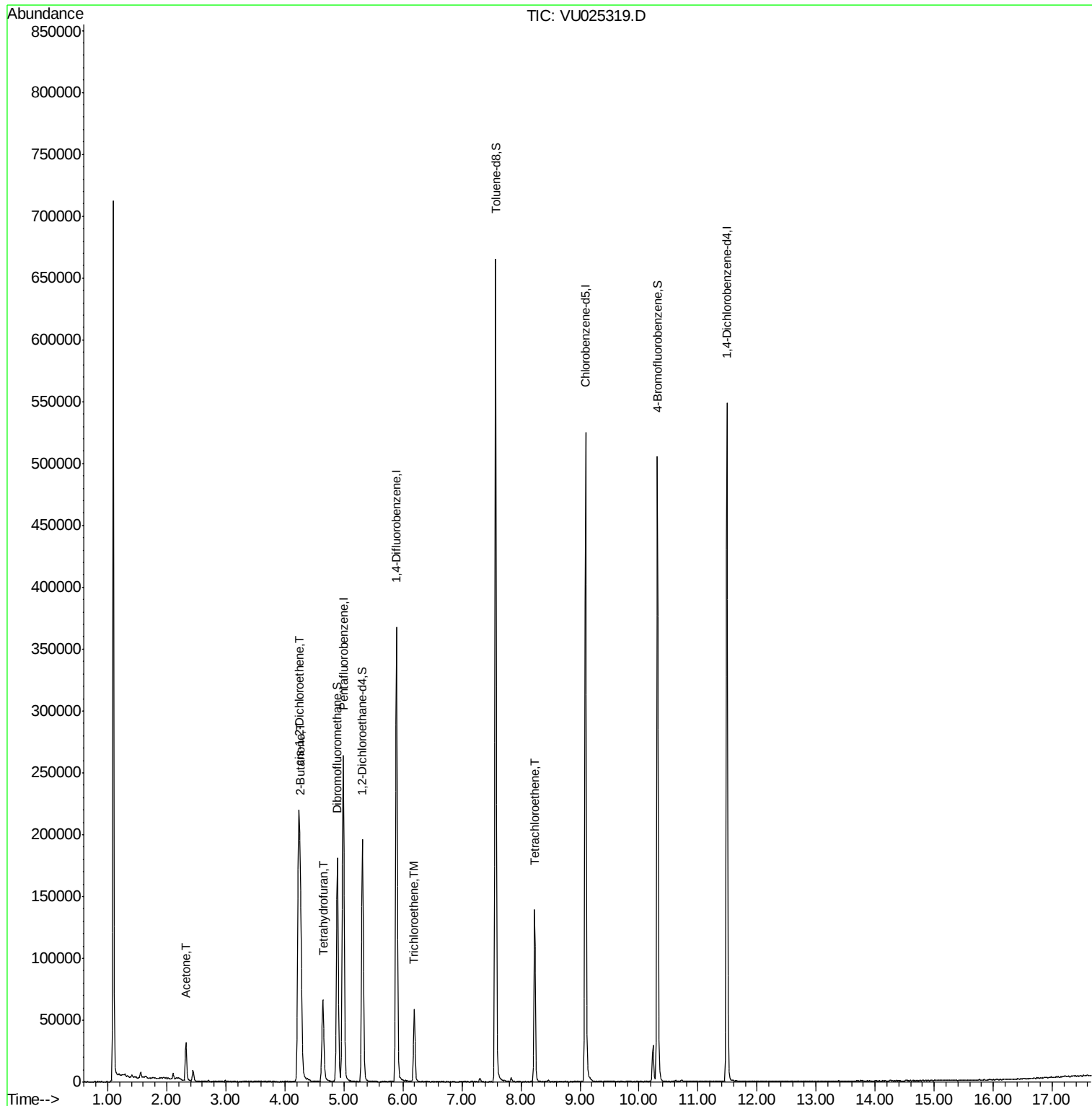
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309249	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	159512	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	4.89	113	122168	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	7.57	98	448668	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	10.31	95	163752	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
16) Acetone	2.32	43	33411	24.767	ug/l	100
25) 2-Butanone	4.27	43	220160	98.453	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	112973	40.590	ug/l	91
29) Tetrahydrofuran	4.64	42	48891	36.450	ug/l	99
44) Trichloroethene	6.19	130	20685	7.271	ug/l	98
64) Tetrachloroethene	8.23	164	31155	11.884	ug/l	95

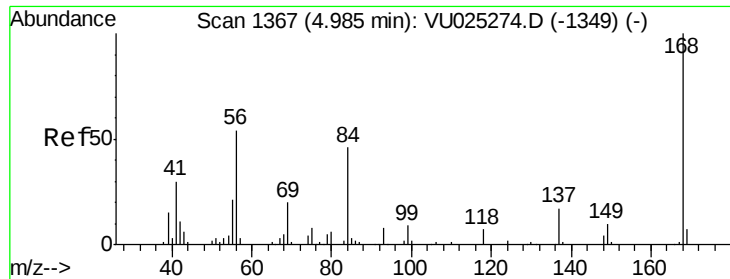
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025319.D

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Instrument :

MSVOA_U

ClientSampleId :

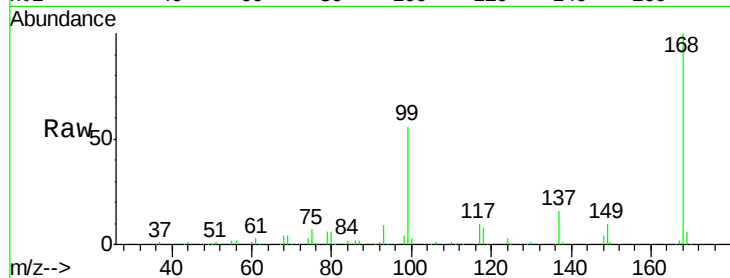
KY038PS027-180709

Tgt Ion:168 Resp: 207661

Ion Ratio Lower Upper

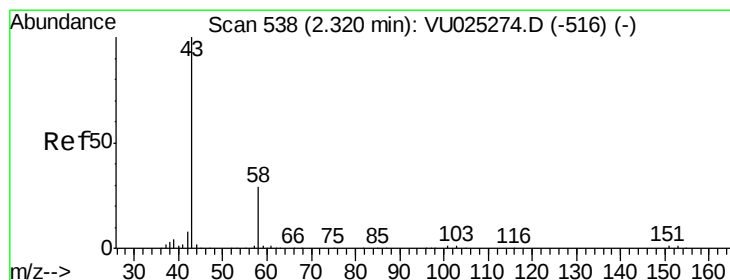
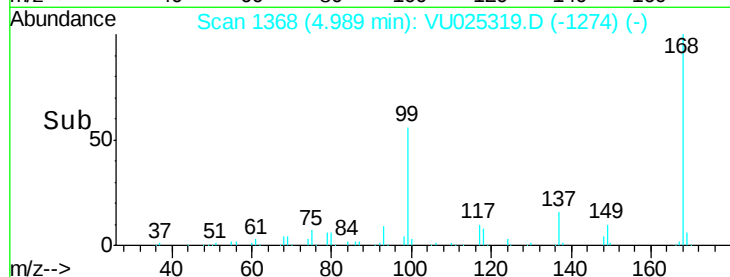
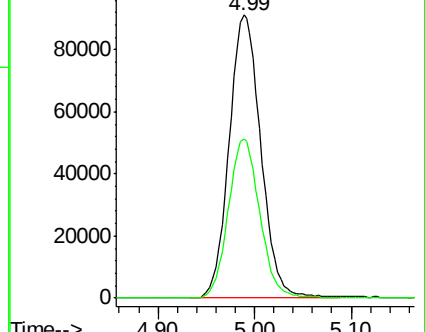
168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025319.D (-1274) (-)

Ion 98.90 (98.60 to 99.60): VU025319.D (-1274) (-)



#16

Acetone

Concen: 24.767 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025319.D

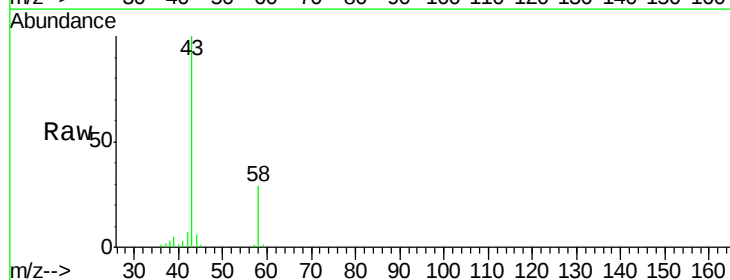
Acq: 11 Jul 2018 17:05

Tgt Ion: 43 Resp: 33411

Ion Ratio Lower Upper

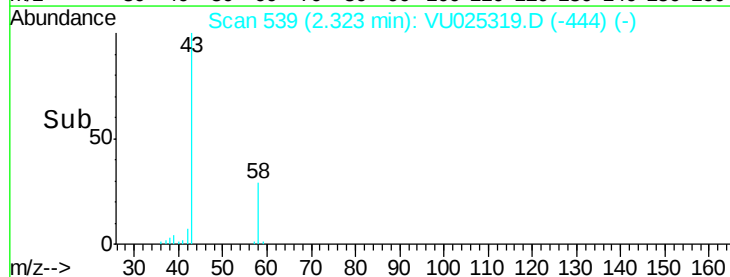
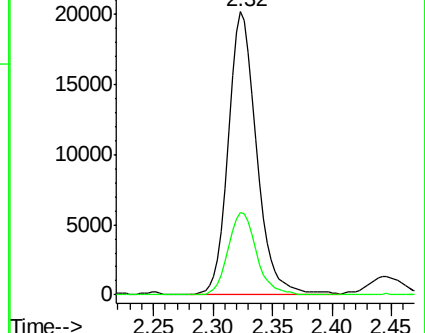
43 100

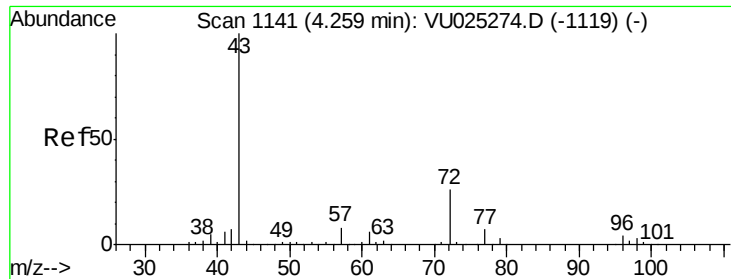
58 29.1 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025319.D (-444) (-)

Ion 58.00 (57.70 to 58.70): VU025319.D (-444) (-)

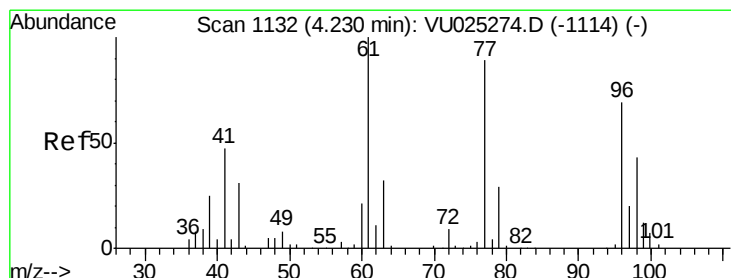
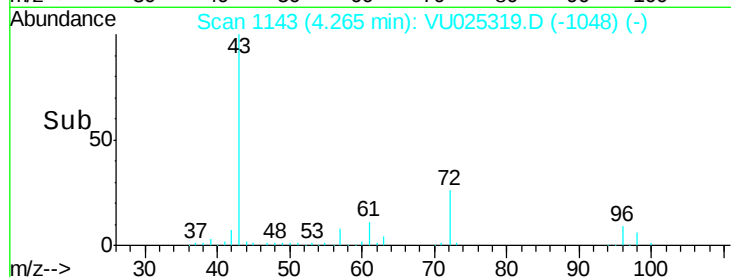
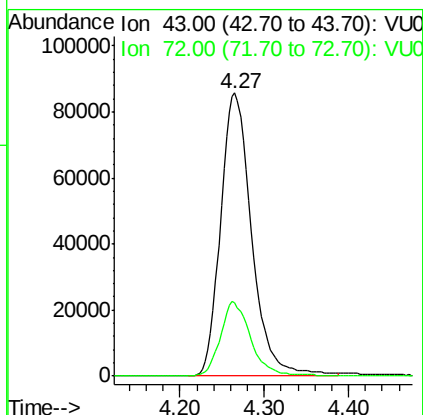
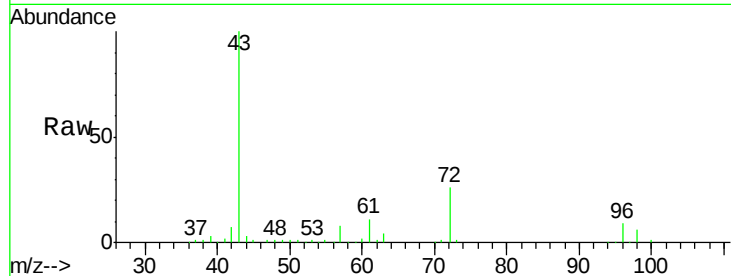




#25
2-Butanone
Concen: 98.453 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

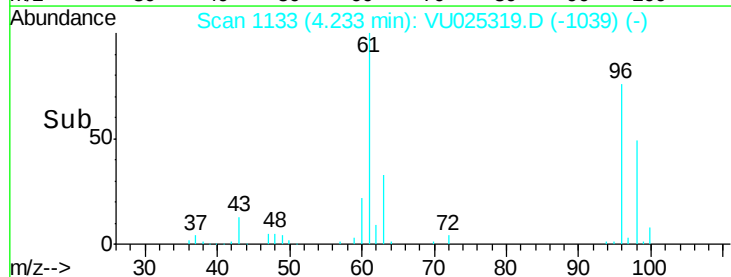
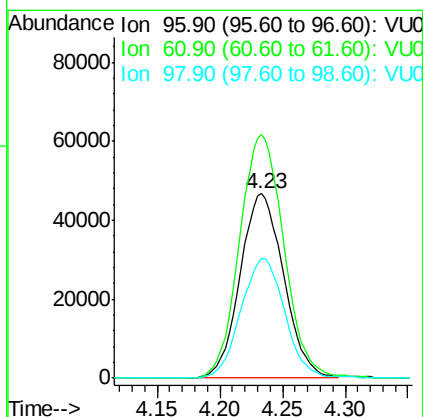
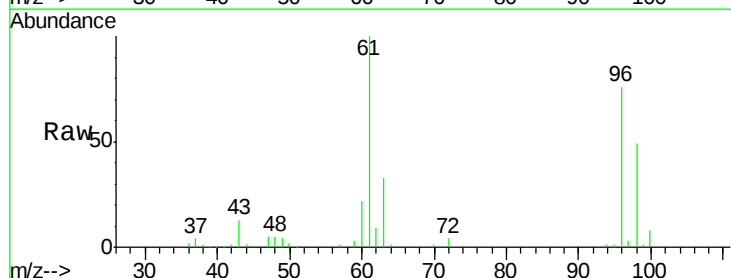
Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

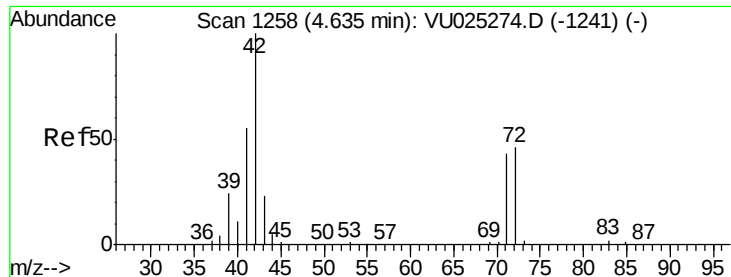
Tgt Ion: 43 Resp: 220160
Ion Ratio Lower Upper
43 100
72 25.5 21.0 31.4



#27
cis-1,2-Dichloroethene
Concen: 40.590 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion: 96 Resp: 112973
Ion Ratio Lower Upper
96 100
61 134.2 0.0 299.8
98 65.3 0.0 128.6





#29

Tetrahydrofuran

Concen: 36.450 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

KY038PS027-180709

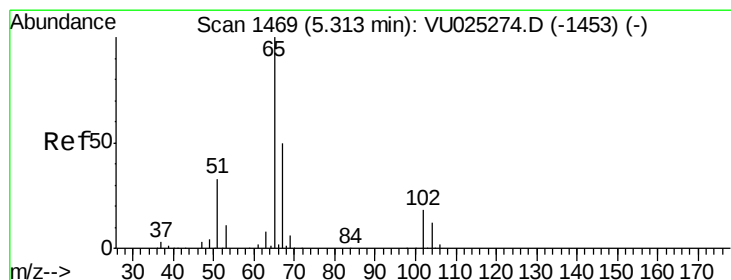
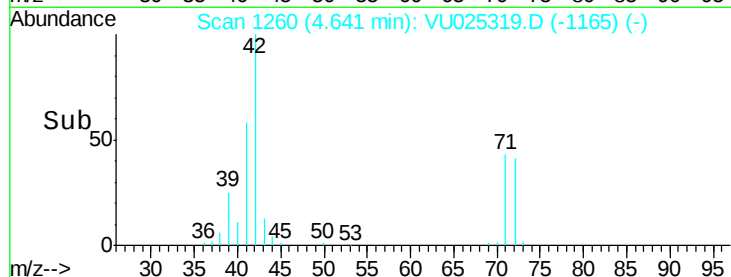
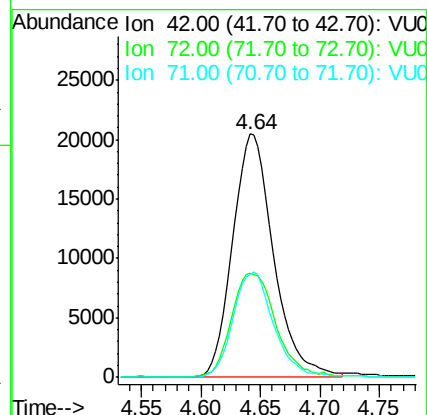
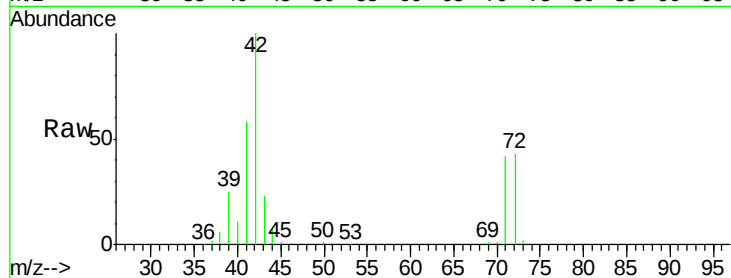
Tgt Ion: 42 Resp: 48891

Ion Ratio Lower Upper

42 100

72 46.6 36.7 55.1

71 42.8 33.9 50.9



#33

1,2-Dichloroethane-d4

Concen: 49.441 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025319.D

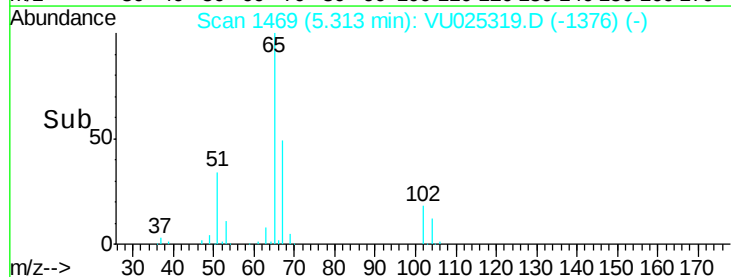
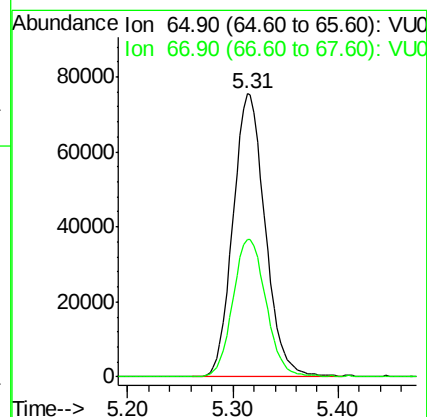
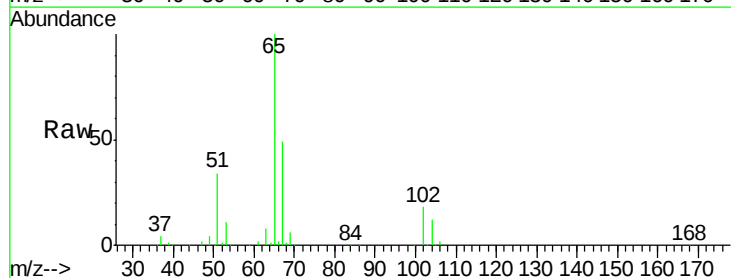
Acq: 11 Jul 2018 17:05

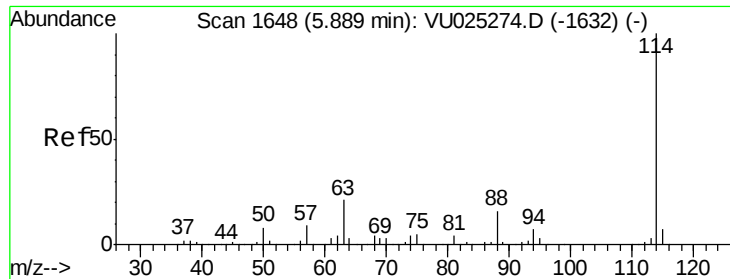
Tgt Ion: 65 Resp: 159512

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.6

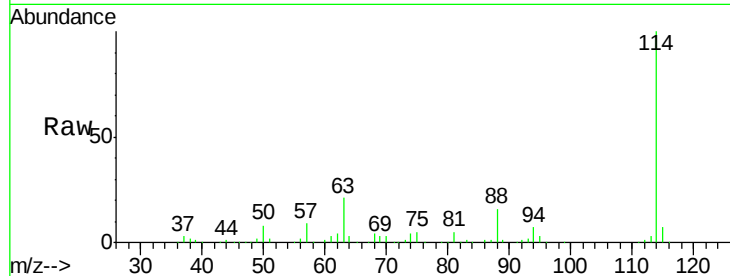




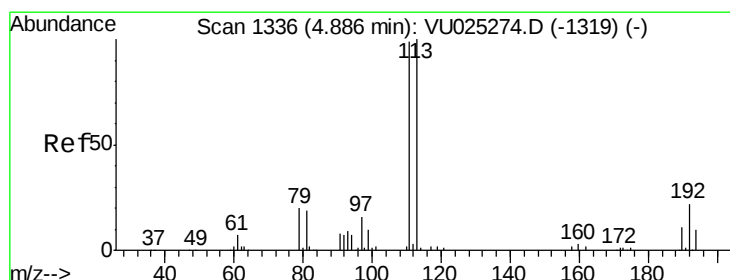
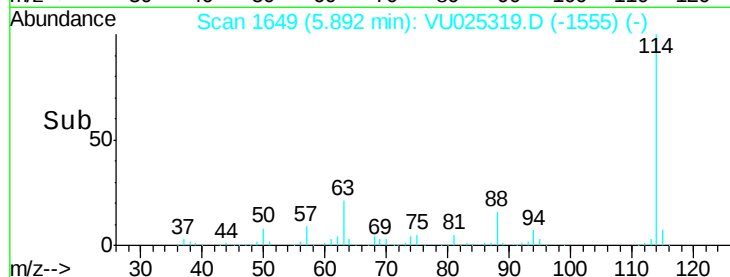
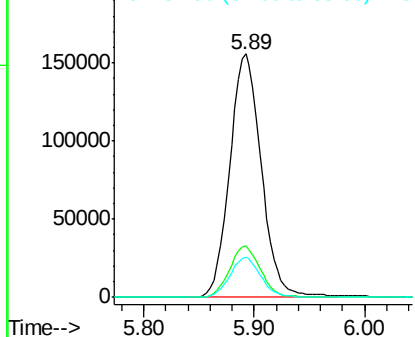
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025319.D
 Acq: 11 Jul 2018 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS027-180709

Tgt Ion:114 Resp: 309249
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.6
 88 16.4 0.0 32.4

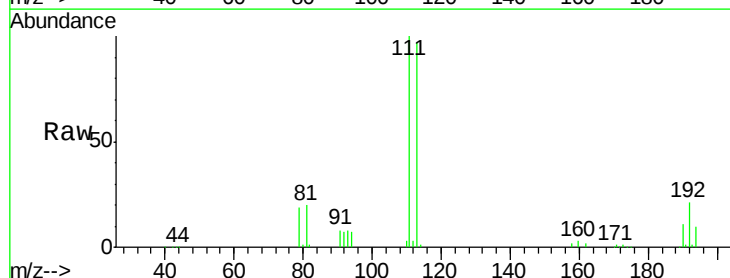


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

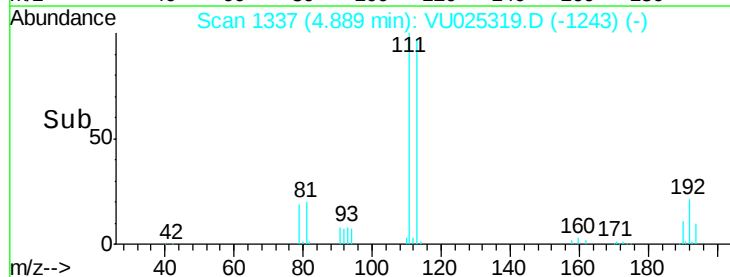
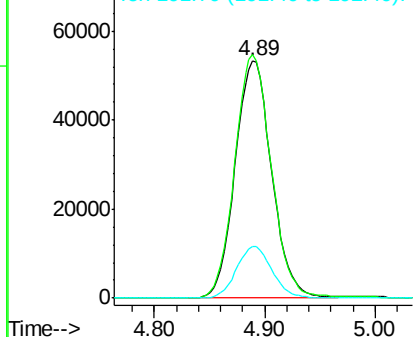


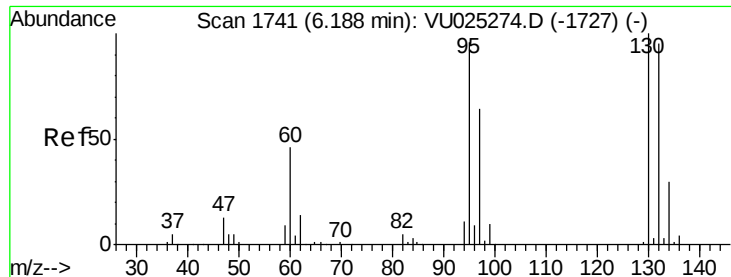
#35
 Dibromofluoromethane
 Concen: 46.829 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025319.D
 Acq: 11 Jul 2018 17:05

Tgt Ion:113 Resp: 122168
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 21.2 17.1 25.7



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





#44

Trichloroethene

Concen: 7.271 ug/l

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VU025319.D

Acq: 11 Jul 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

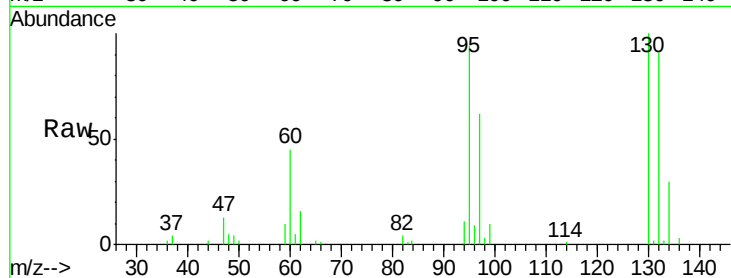
KY038PS027-180709

Tgt Ion:130 Resp: 20685

Ion Ratio Lower Upper

130 100

95 94.4 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): VU025274.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU025274.D (-1727) (-)

6.19

12000

10000

8000

6000

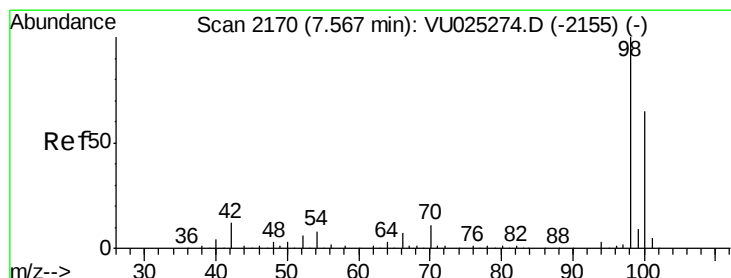
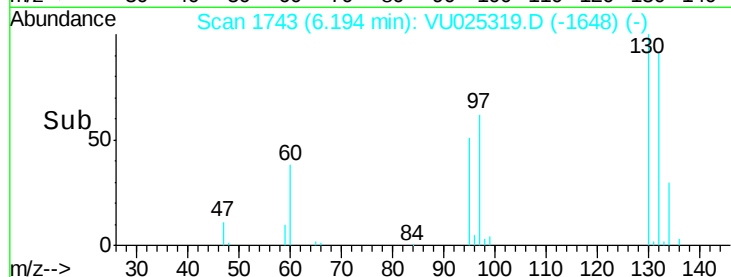
4000

2000

0

Time-->

6.10 6.15 6.20 6.25 6.30



#50

Toluene-d8

Concen: 50.223 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025319.D

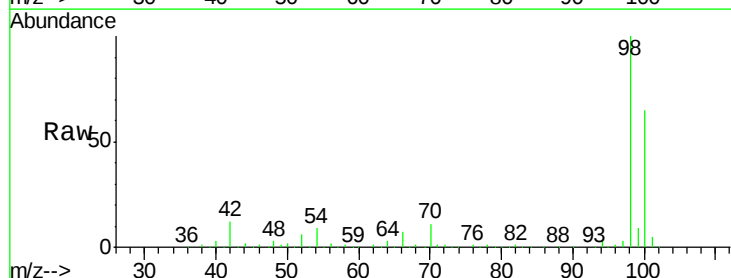
Acq: 11 Jul 2018 17:05

Tgt Ion: 98 Resp: 448668

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025274.D (-2155) (-)

Ion 100.00 (99.70 to 100.70): VU025274.D (-2155) (-)

7.57

300000

250000

200000

150000

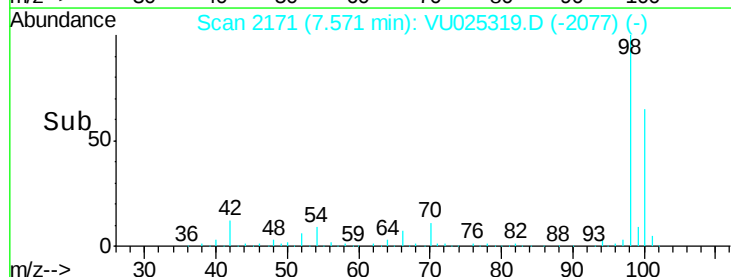
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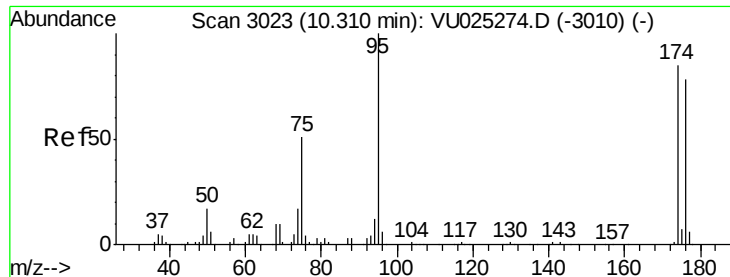
50000

0

Time-->

7.50 7.55 7.60 7.65 7.70

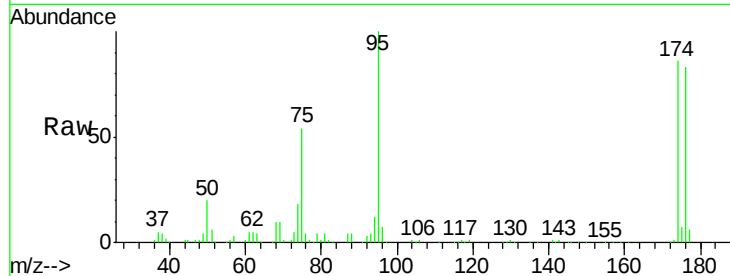




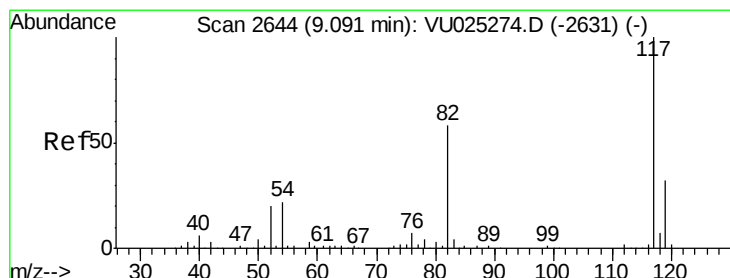
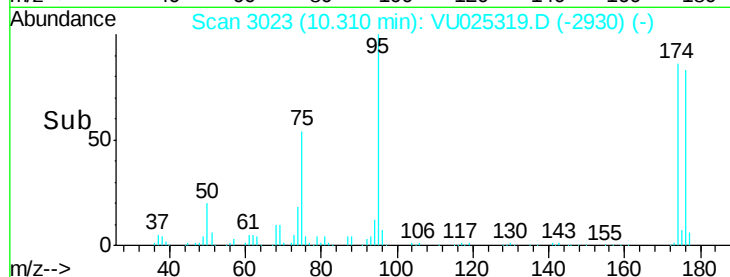
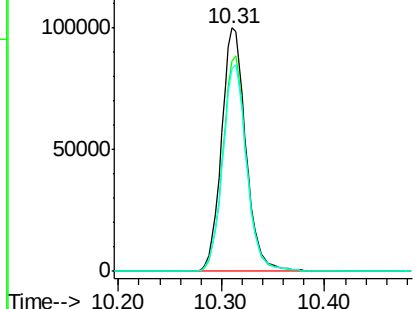
#62
4-Bromofluorobenzene
Concen: 45.529 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

Tgt Ion: 95 Resp: 163752
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.2
176 83.8 0.0 162.6

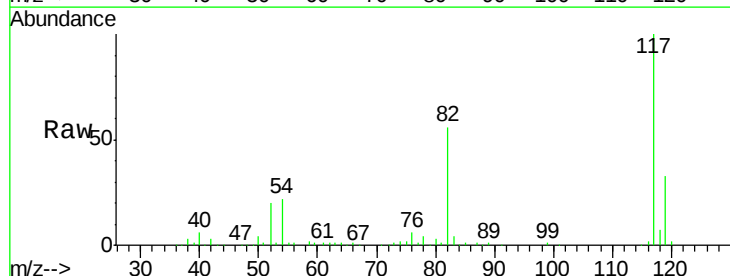


Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)
Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)
Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)

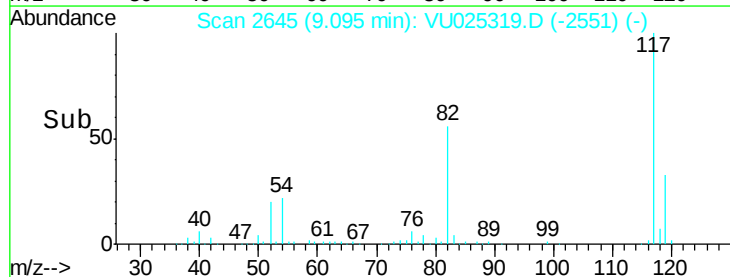
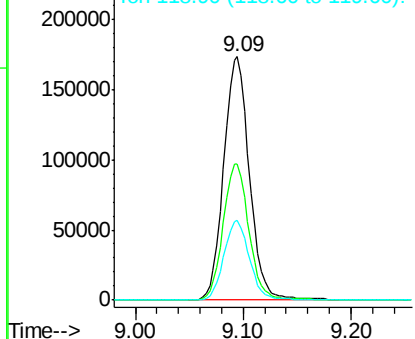


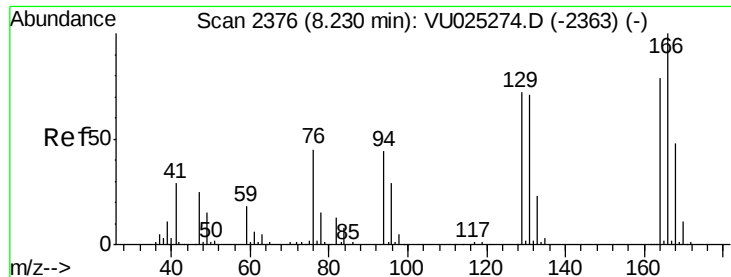
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion: 117 Resp: 287602
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 32.6 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)
Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)
Ion 118.90 (118.60 to 119.60): VU025274.D (-2631) (-)

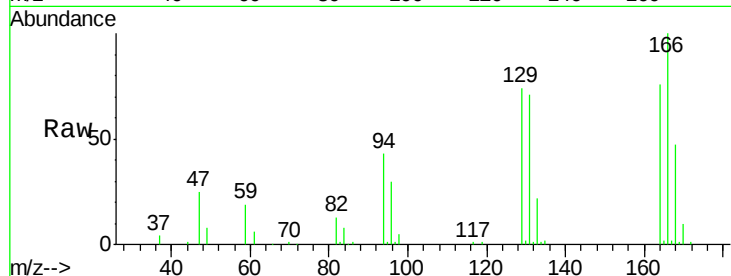




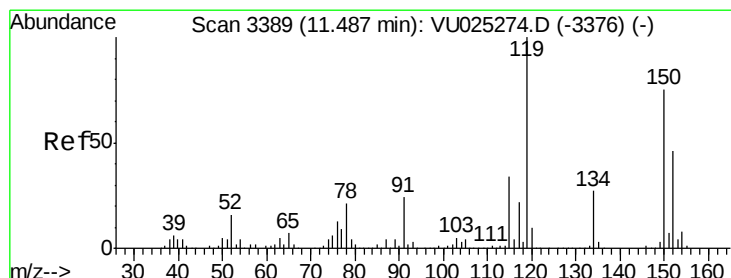
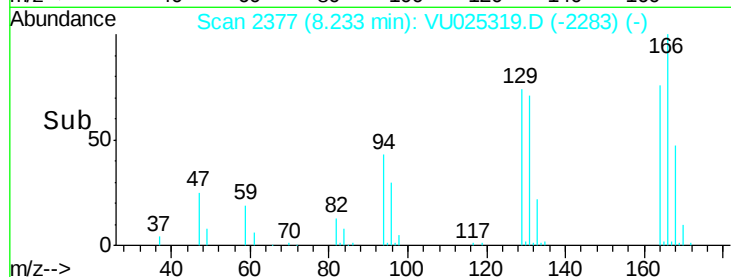
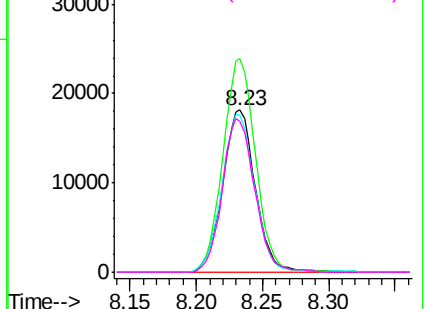
#64
Tetrachloroethene
Concen: 11.884 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180709

Tgt Ion:164 Resp: 31155
Ion Ratio Lower Upper
164 100
166 131.4 101.1 151.7
129 97.0 73.0 109.6
131 93.4 72.1 108.1

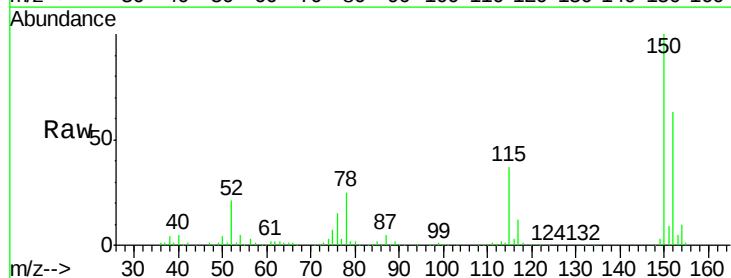


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025319.D
Acq: 11 Jul 2018 17:05

Tgt Ion:152 Resp: 146826
Ion Ratio Lower Upper
152 100
115 58.6 40.1 120.3
150 157.1 0.0 351.4



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

