

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025379.D
 Acq On : 13 Jul 2018 08:04
 Operator : MD/SY
 Sample : J3825-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-A

Quant Time: Jul 13 09:11:20 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

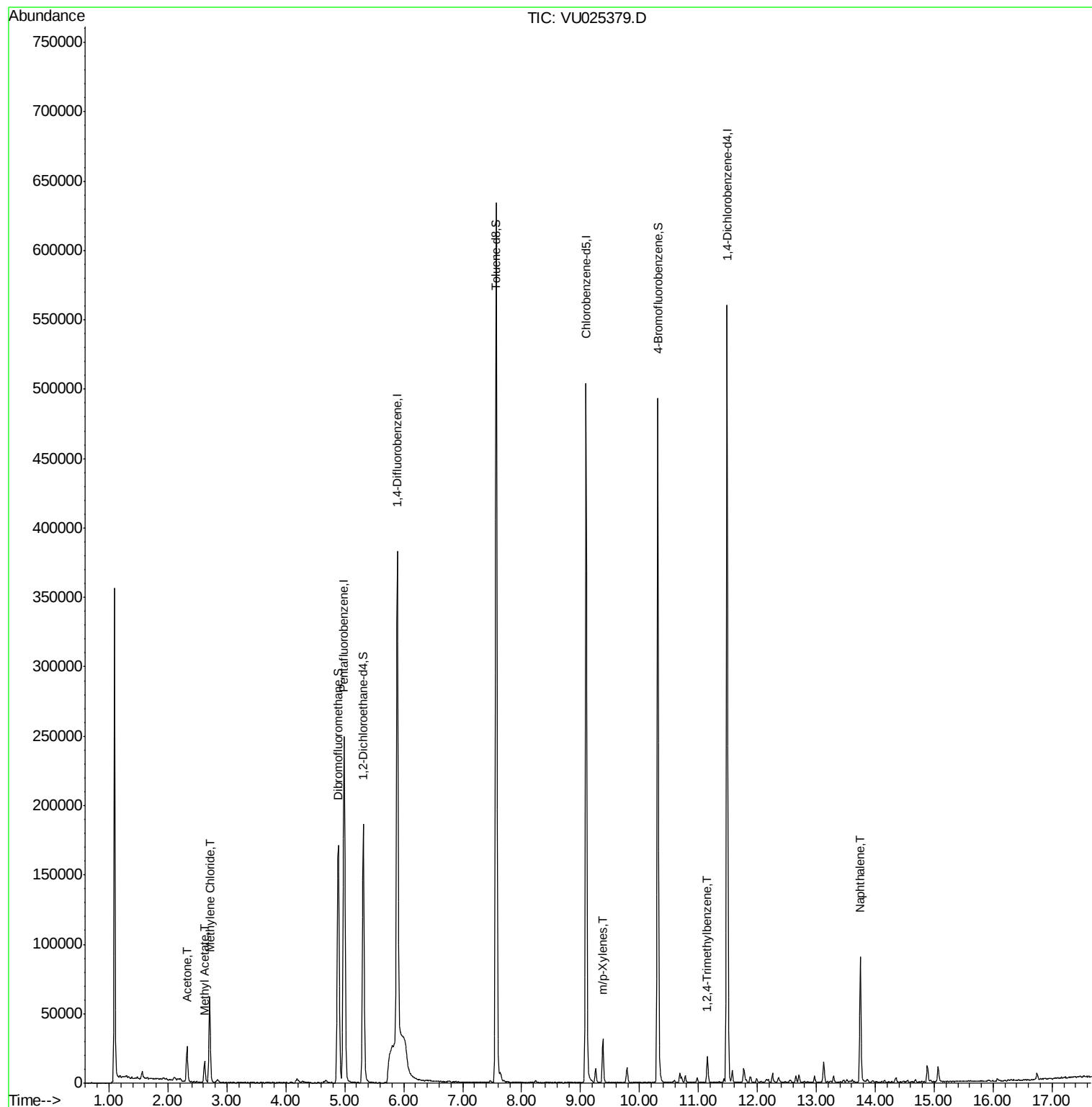
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301066	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	152769	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	4.89	113	116846	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	7.57	98	431186	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	10.31	95	156420	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
Target Compounds						
16) Acetone	2.32	43	27219	22.231	ug/l	94
18) Methyl Acetate	2.62	43	19118	6.199	ug/l	97
20) Methylene Chloride	2.71	84	27285	12.238	ug/l	98
68) m/p-Xylenes	9.38	106	9022	1.972	ug/l	90
84) 1,2,4-Trimethylbenzene	11.15	105	11378	1.177	ug/l	95
95) Naphthalene	13.75	128	74263	8.975	ug/l	99

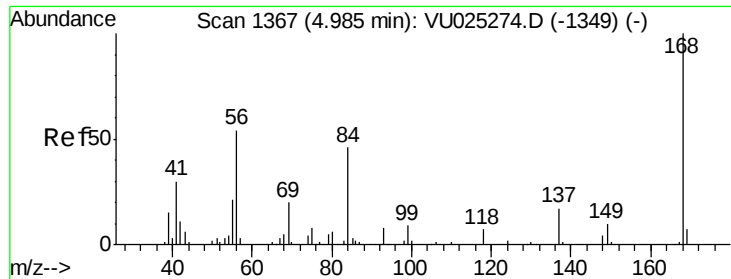
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

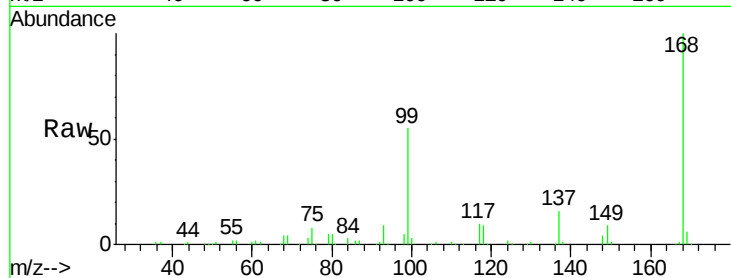
CL-02-071118-A

Tot Ion:168 Resp: 193884

Ion Ratio Lower Upper

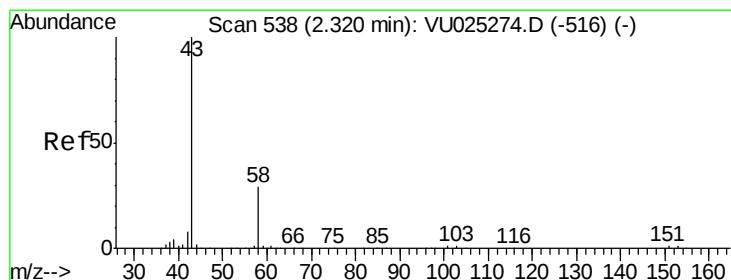
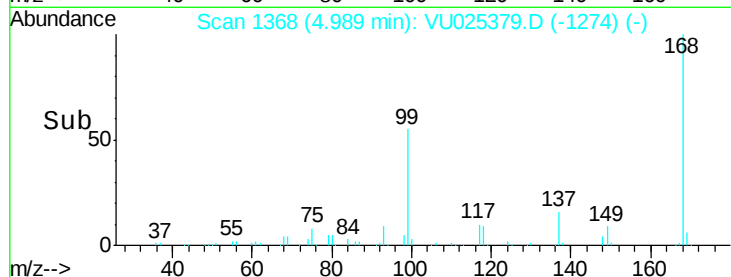
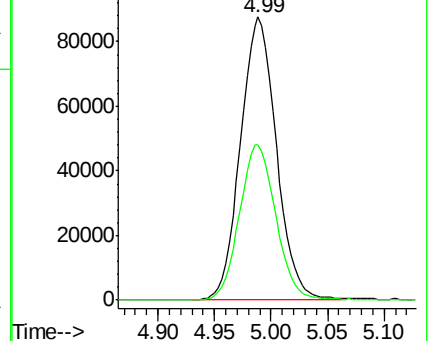
168 100

99 54.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#16

Acetone

Concen: 22.231 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025379.D

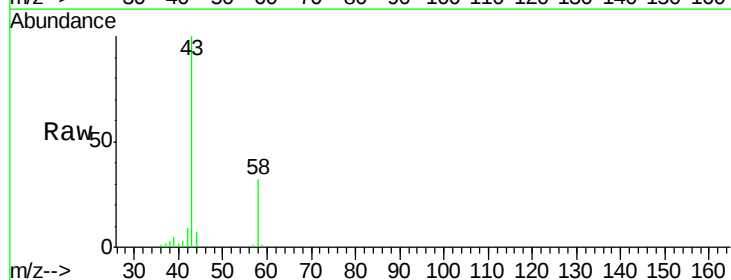
Acq: 13 Jul 2018 08:04

Tgt Ion: 43 Resp: 27219

Ion Ratio Lower Upper

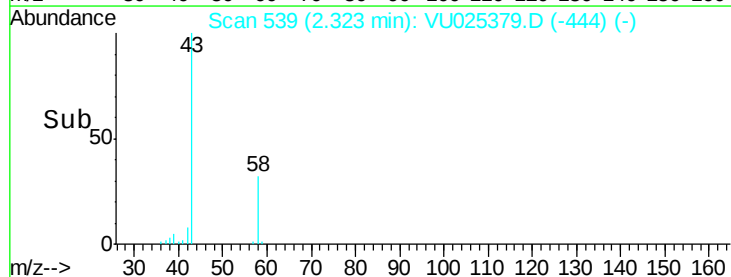
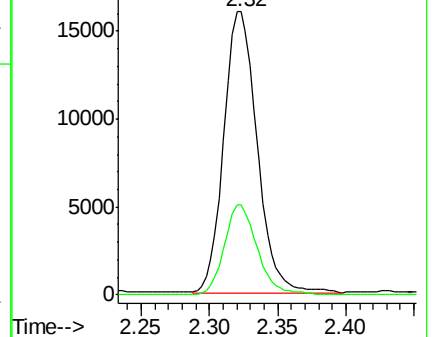
43 100

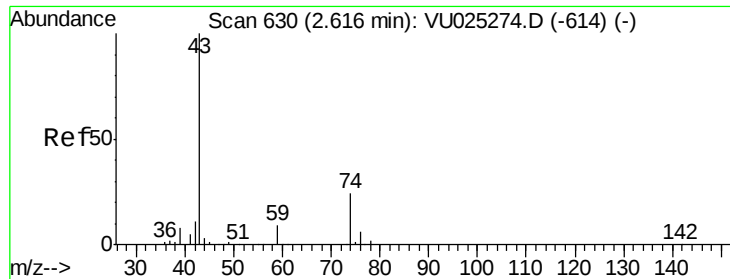
58 32.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025274.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025274.D (-516) (-)

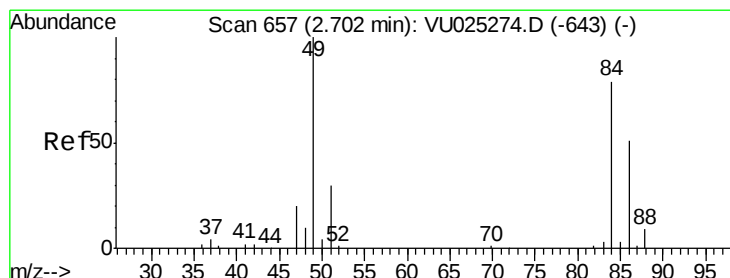
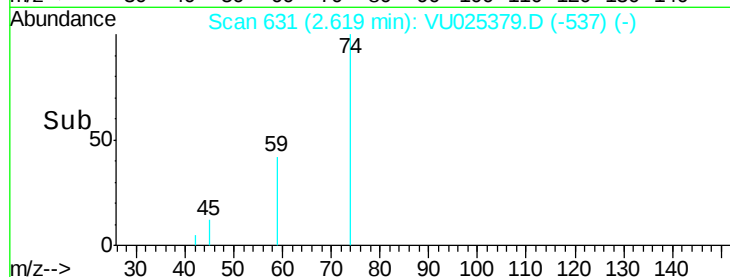
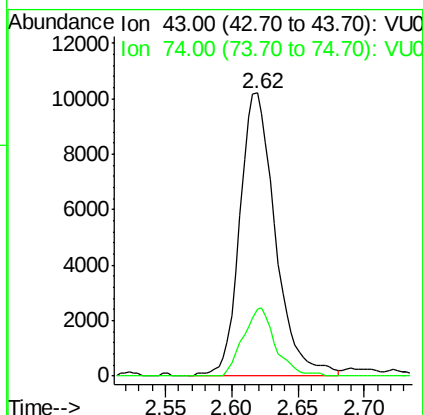
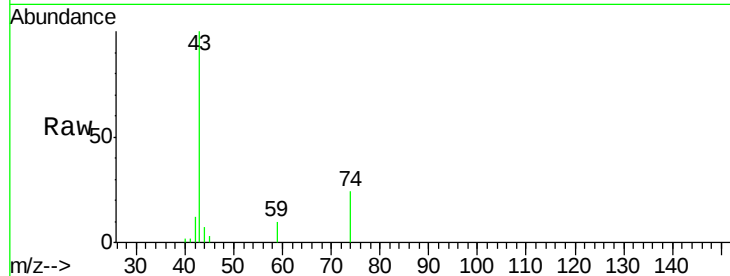




#18
Methyl Acetate
Concen: 6.199 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

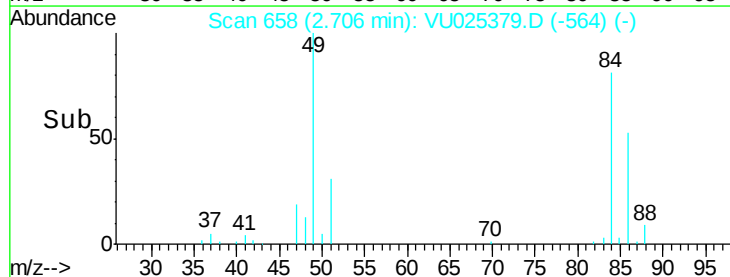
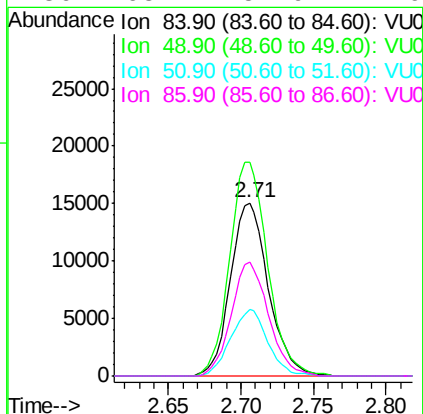
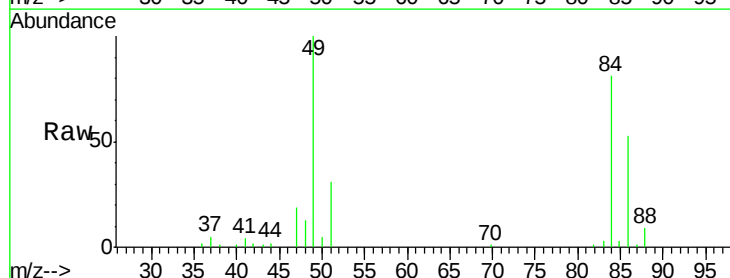
Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-A

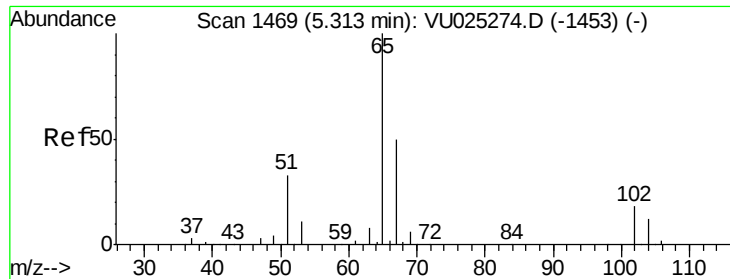
Tot Ion: 43 Resp: 19118
Ion Ratio Lower Upper
43 100
74 21.8 18.5 27.7



#20
Methylene Chloride
Concen: 12.238 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Tgt Ion: 84 Resp: 27285
Ion Ratio Lower Upper
84 100
49 123.5 101.8 152.6
51 38.5 30.8 46.2
86 65.7 51.9 77.9

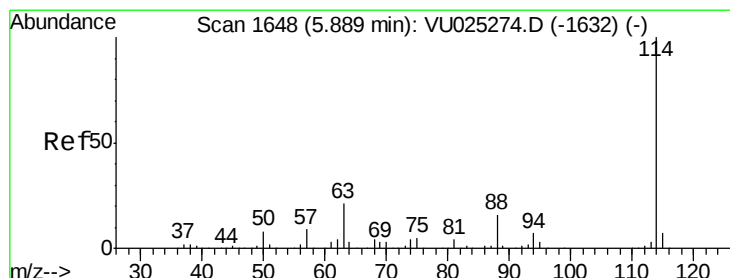
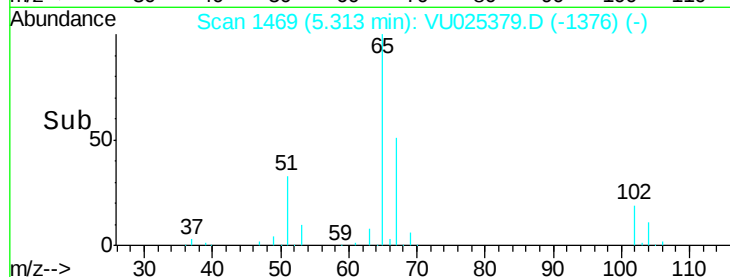
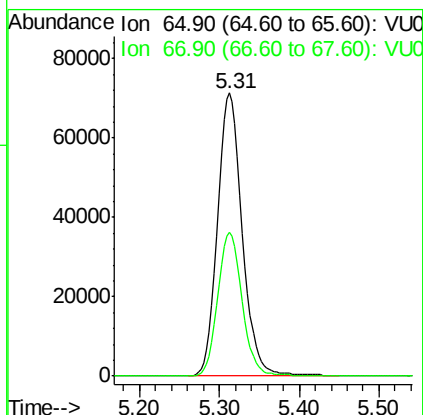
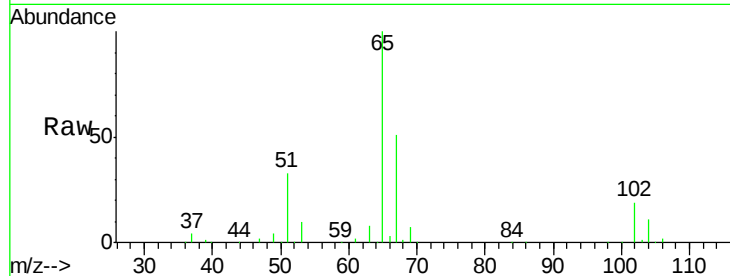




#33
 1,2-Dichloroethane-d4
 Concen: 50.716 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

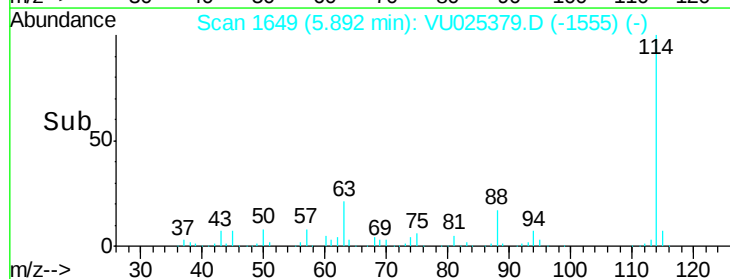
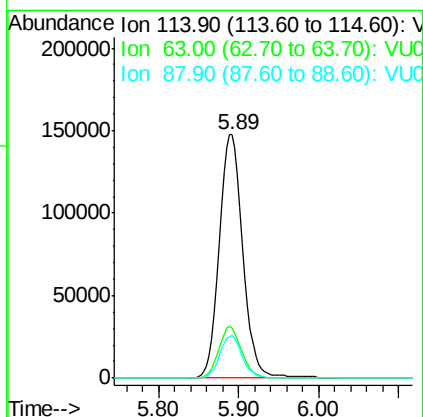
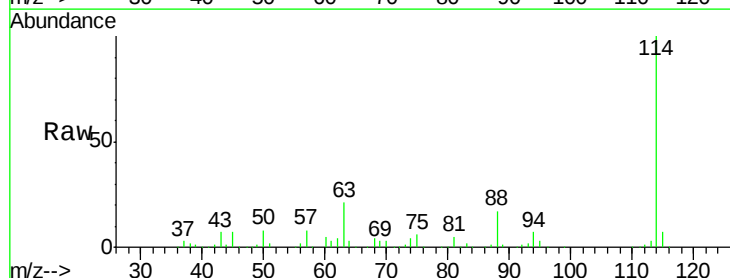
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-A

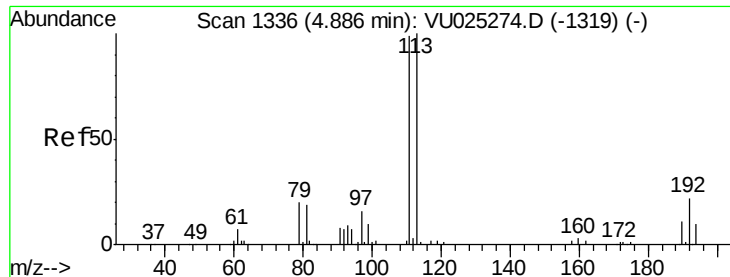
Tot Ion: 65 Resp: 152769
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

Tgt Ion: 114 Resp: 301066
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 17.4 0.0 32.4

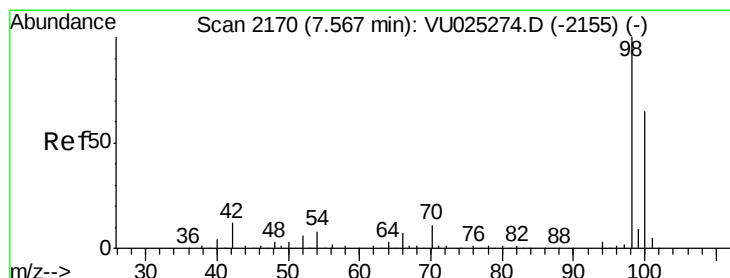
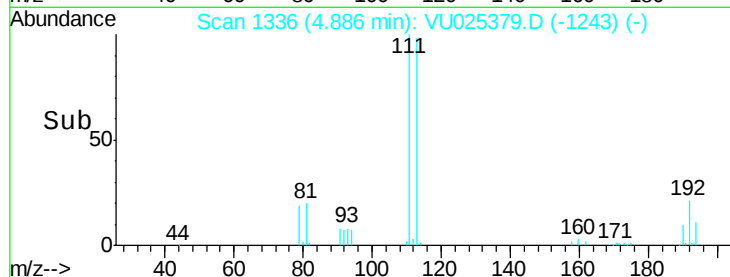
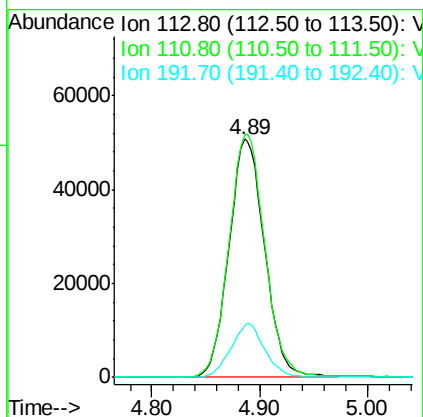
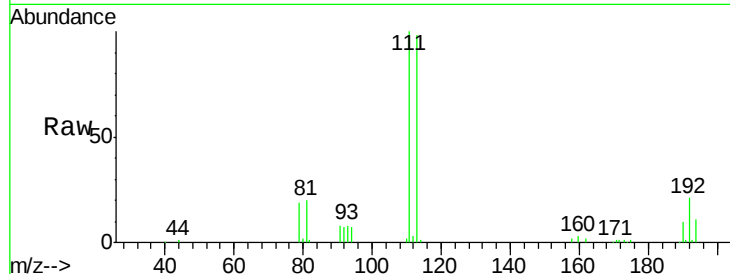




#35
 Dibromofluoromethane
 Concen: 46.007 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

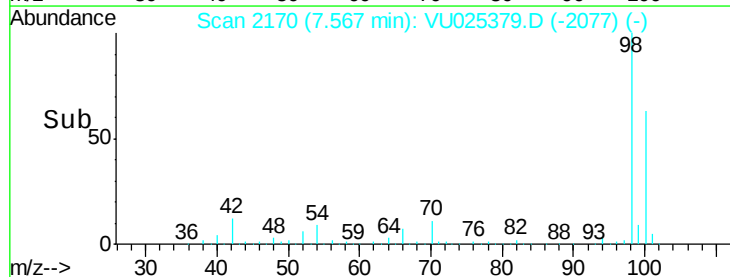
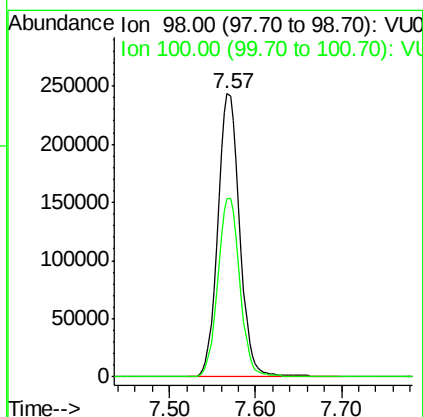
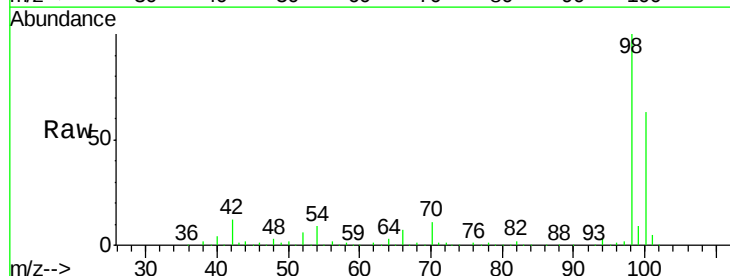
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-A

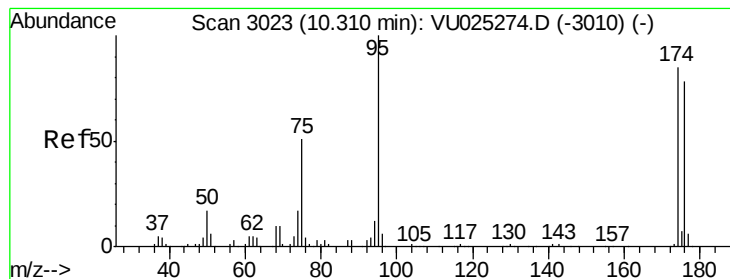
Tot Ion:113 Resp: 116846
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 21.5 17.1 25.7



#50
 Toluene-d8
 Concen: 49.578 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

Tgt Ion: 98 Resp: 431186
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 44.673 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

CL-02-071118-A

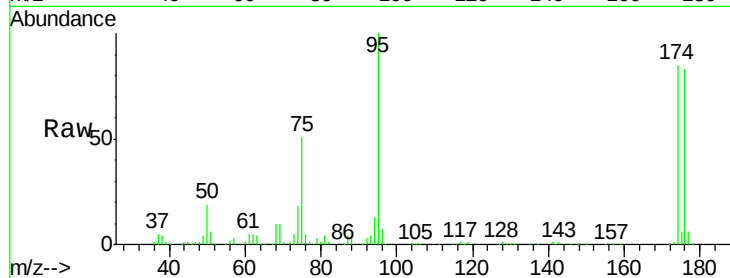
Tot Ion: 95 Resp: 156420

Ion Ratio Lower Upper

95 100

174 87.1 0.0 172.2

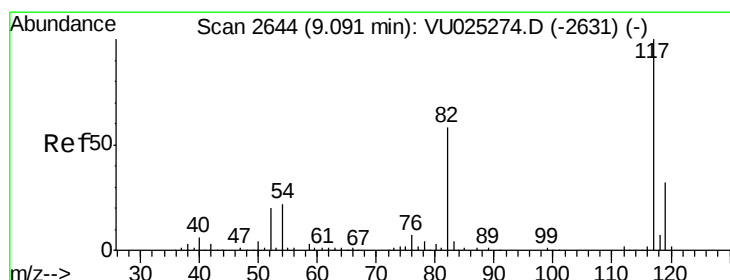
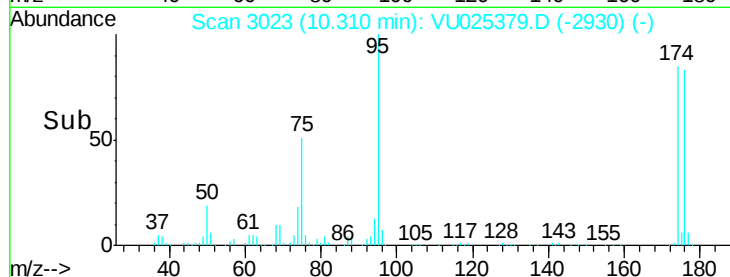
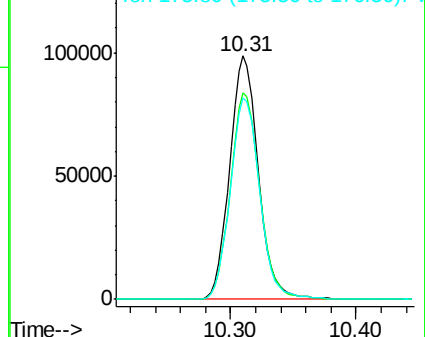
176 85.0 0.0 162.6



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# 2644

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

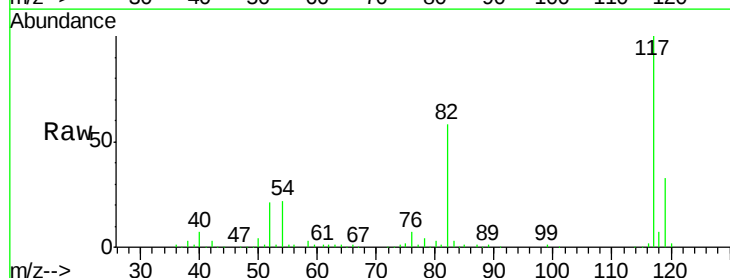
Tgt Ion: 117 Resp: 277826

Ion Ratio Lower Upper

117 100

82 57.8 46.0 69.0

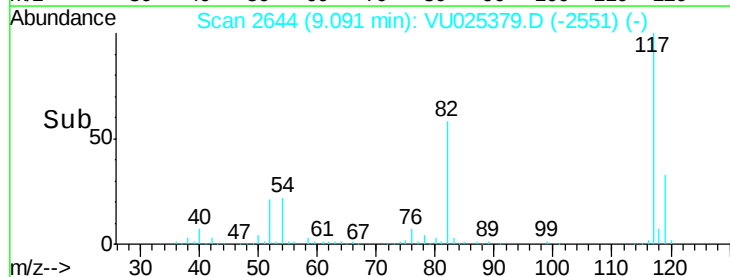
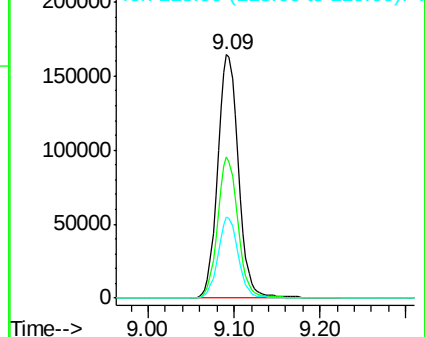
119 33.2 26.0 39.0

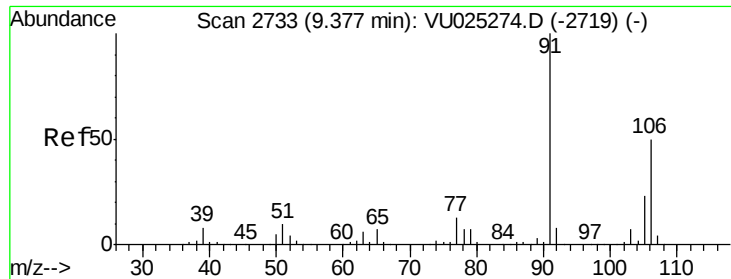


Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)

Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)

Ion 118.90 (118.60 to 119.60): VU025274.D (-2631) (-)

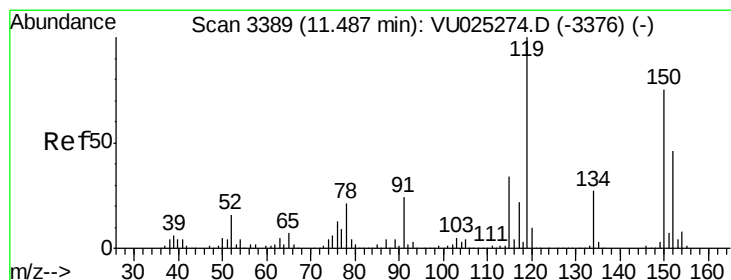
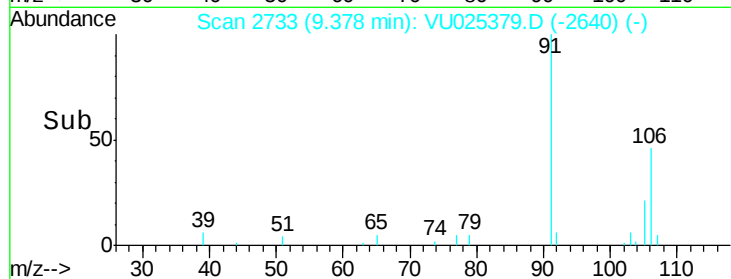
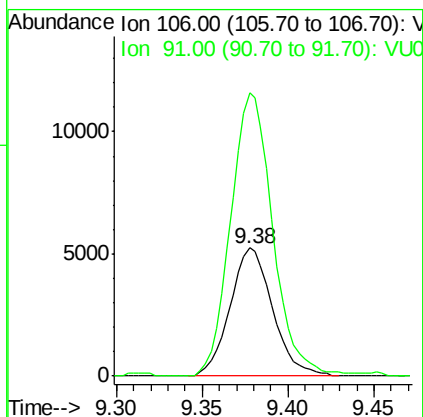
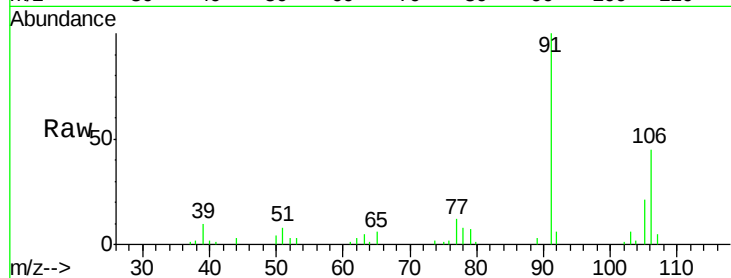




#68
m/p-Xvlenes
Concen: 1.972 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

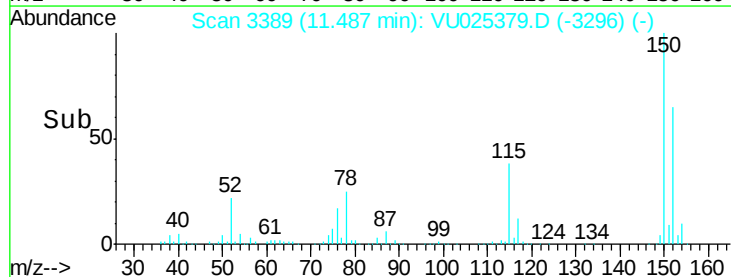
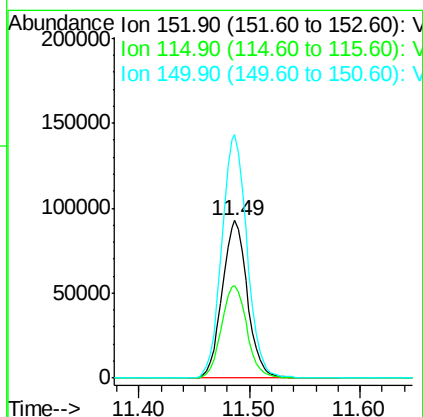
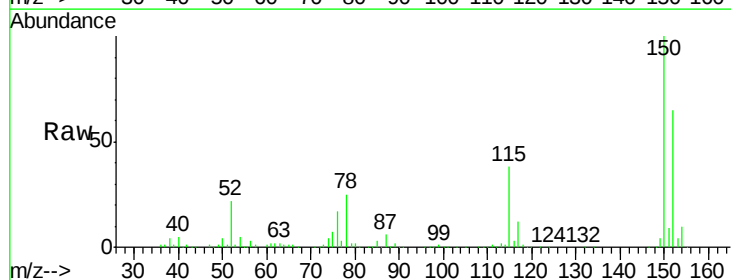
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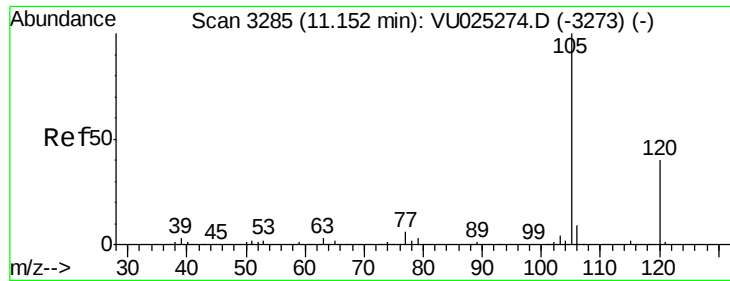
Tot Ion:106 Resp: 9022
Ion Ratio Lower Upper
106 100
91 218.5 162.3 243.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Tgt Ion:152 Resp: 146700
Ion Ratio Lower Upper
152 100
115 59.2 40.1 120.3
150 154.9 0.0 351.4

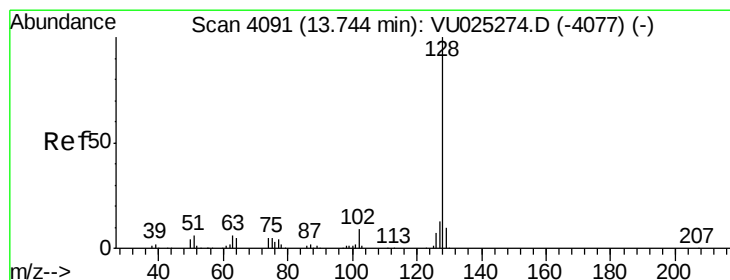
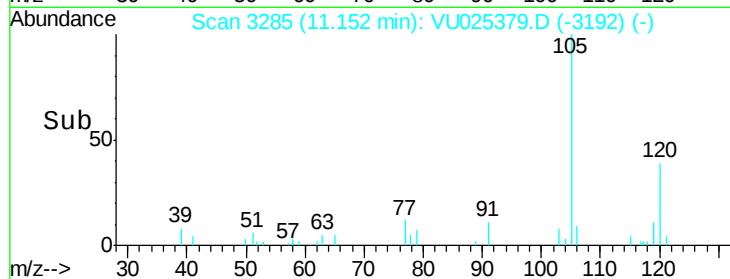
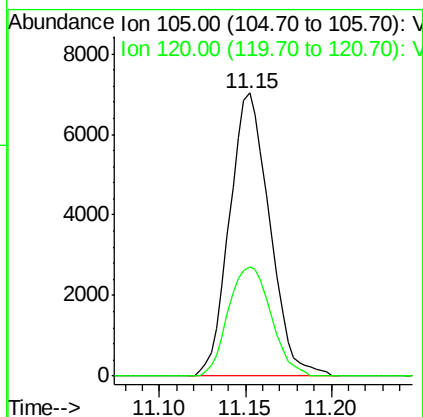
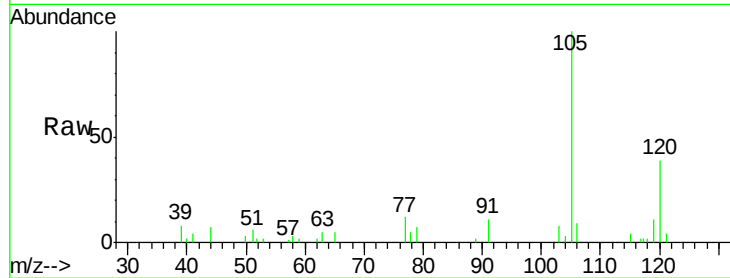




#84
 1,2,4-Trimethylbenzene
 Concen: 1.177 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-A

Tot Ion:105 Resp: 11378
 Ion Ratio Lower Upper
 105 100
 120 41.1 22.3 66.8



#95
 Naphthalene
 Concen: 8.975 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

Tgt Ion:128 Resp: 74263
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.5 15.7
 129 11.5 8.3 12.5

