

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025155.D
 Acq On : 02 Jul 2018 20:05
 Operator : MD/SY
 Sample : J3245-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-062918-B

Quant Time: Jul 03 05:45:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	204123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310047	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154369	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	155618	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
35) Dibromofluoromethane	4.89	113	120249	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	7.57	98	440871	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	10.31	95	163518	43.88	ug/l	0.00
Spiked Amount			Recovery	=	87.76%	

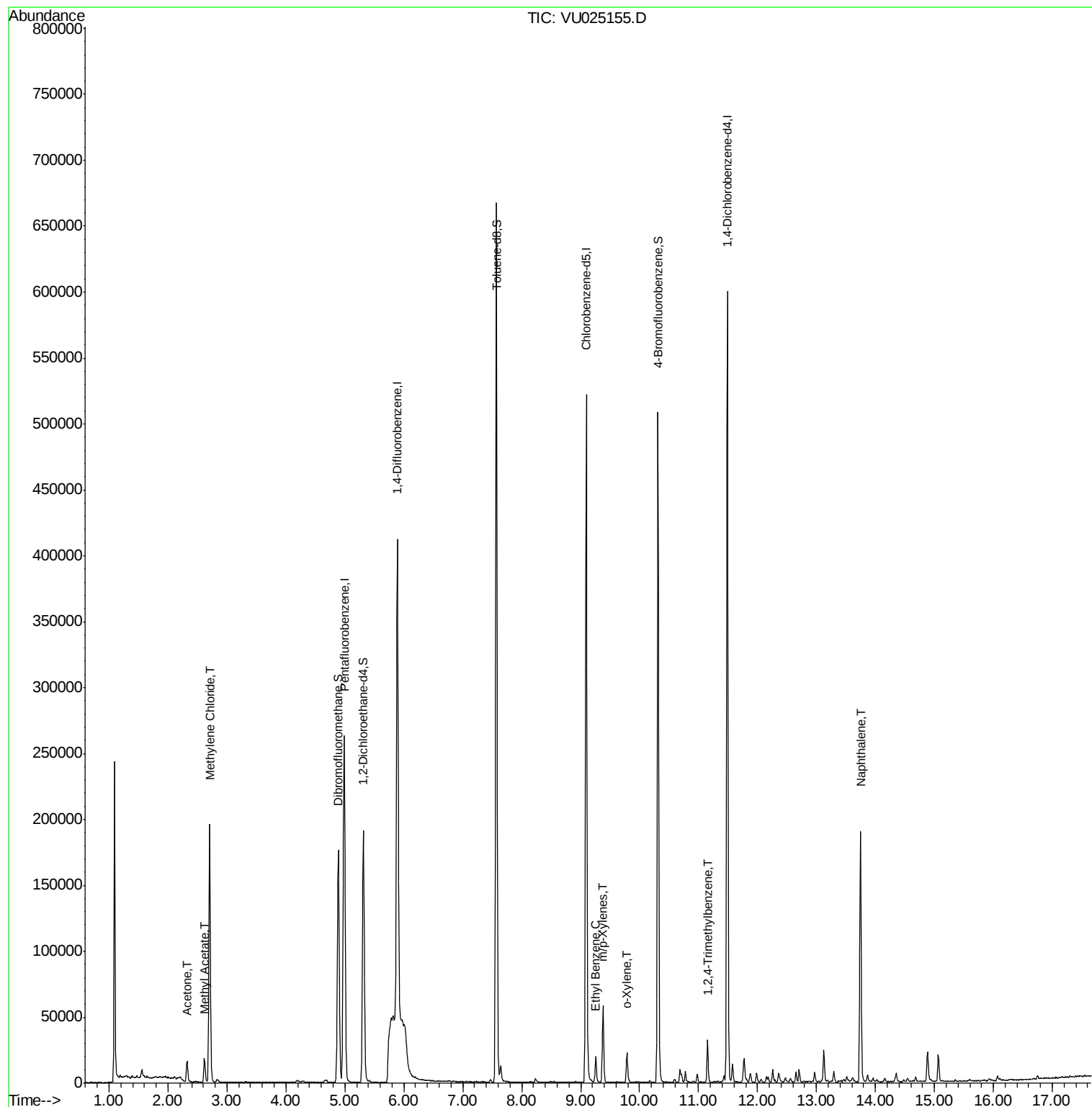
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	16642	9.29	ug/l	96
18) Methyl Acetate	2.62	43	22473	5.85	ug/l	97
20) Methylene Chloride	2.71	84	86498	30.79	ug/l	98
67) Ethyl Benzene	9.26	91	14617	1.14	ug/l	97
68) m/p-Xylenes	9.38	106	17006	3.47	ug/l	95
69) o-Xylene	9.78	106	5833	1.20	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	17934	1.71	ug/l	97
95) Naphthalene	13.75	128	152344	13.92	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025155.D

Acq: 02 Jul 2018 20:05

Instrument :

MSVOA_U

ClientSampleId :

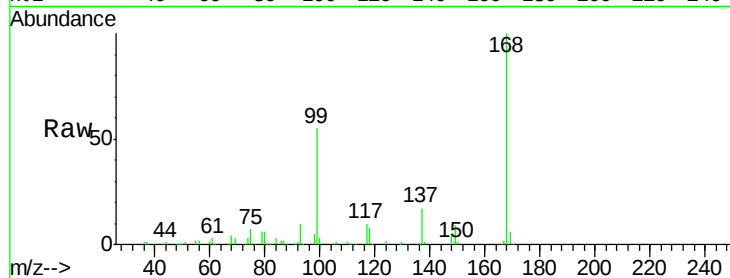
CL-01-062918-B

Tot Ion:168 Resp: 204123

Ion Ratio Lower Upper

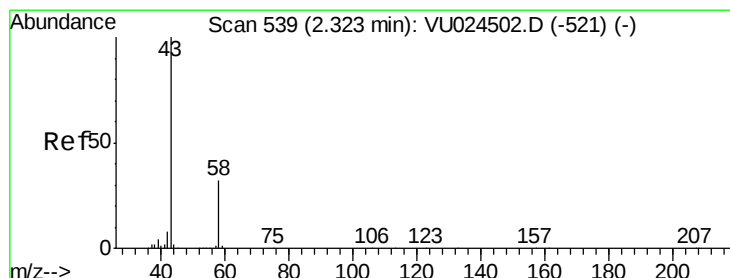
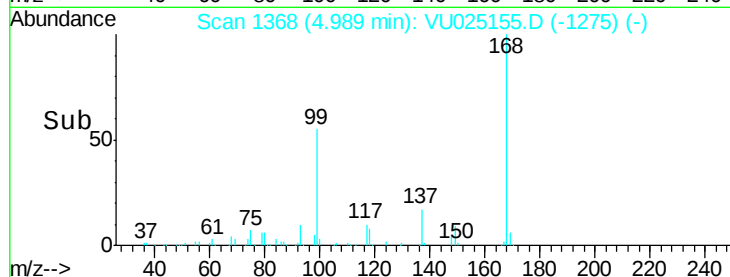
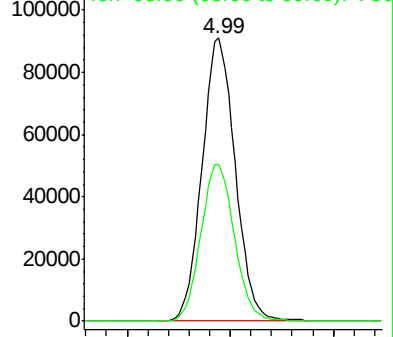
168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#16

Acetone

Concen: 9.29 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025155.D

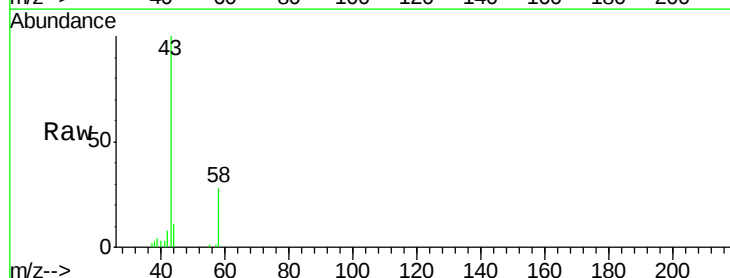
Acq: 02 Jul 2018 20:05

Tgt Ion: 43 Resp: 16642

Ion Ratio Lower Upper

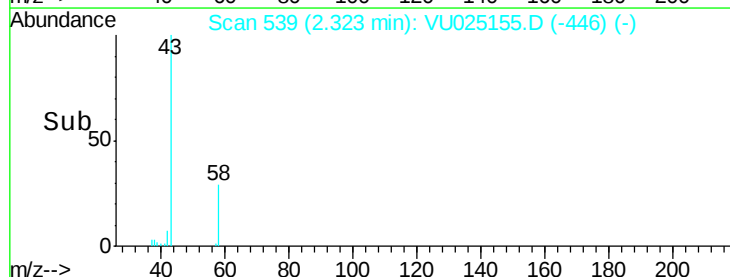
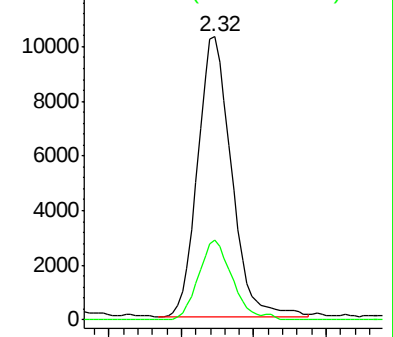
43 100

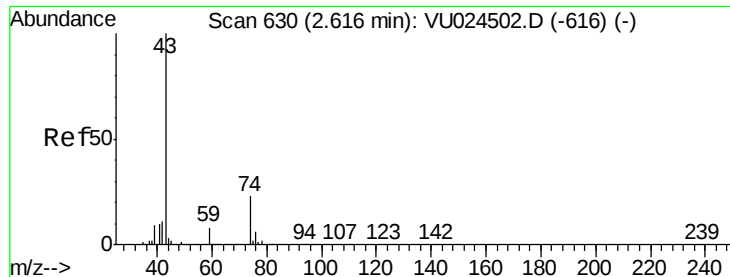
58 28.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

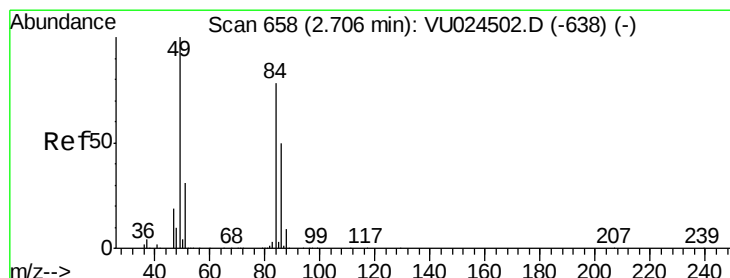
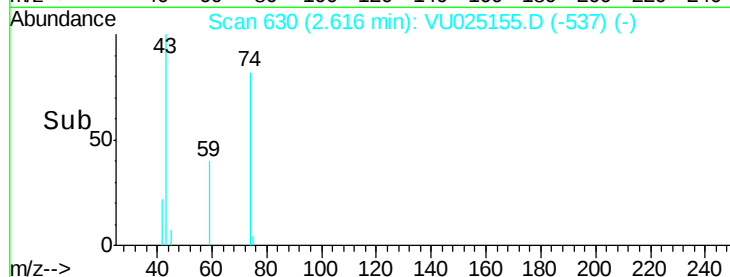
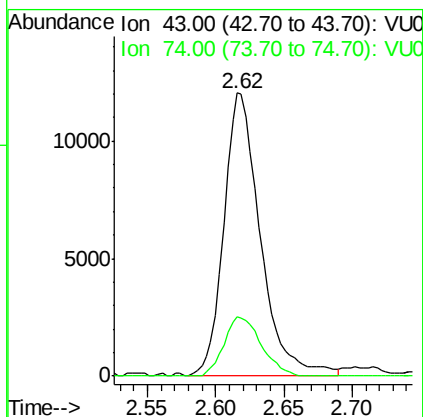
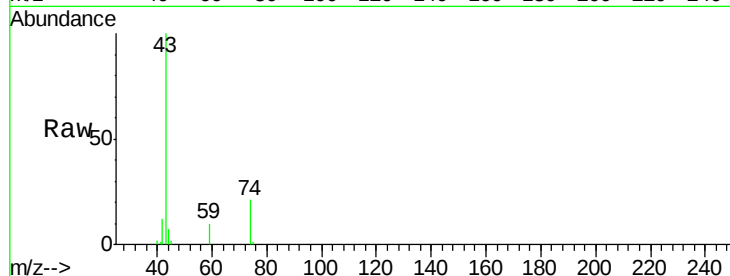




#18
Methvl Acetate
Concen: 5.85 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

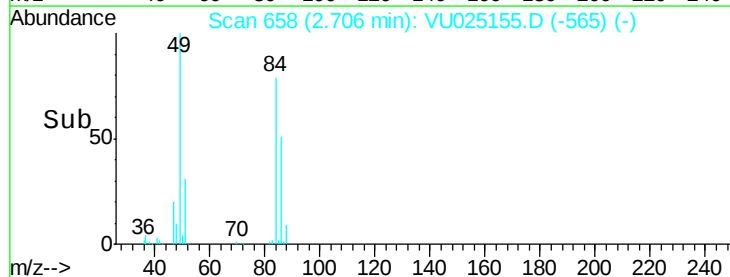
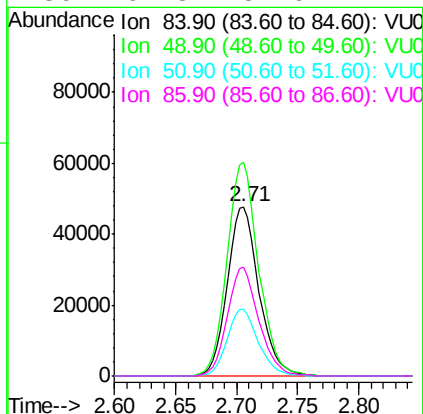
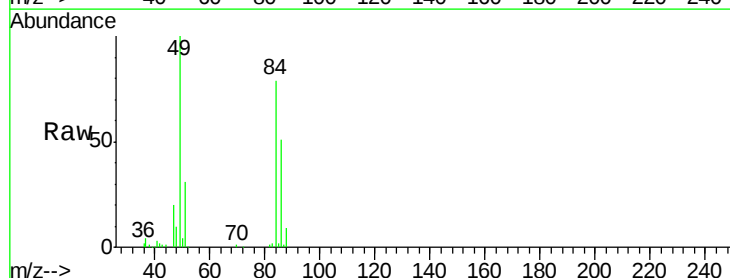
Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

Tot Ion: 43 Resp: 22473
Ion Ratio Lower Upper
43 100
74 21.2 18.0 27.0



#20
Methylene Chloride
Concen: 30.79 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion: 84 Resp: 86498
Ion Ratio Lower Upper
84 100
49 126.1 103.8 155.8
51 39.1 32.0 48.0
86 64.3 51.6 77.4

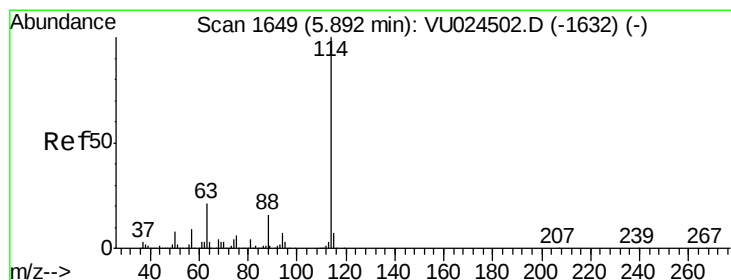
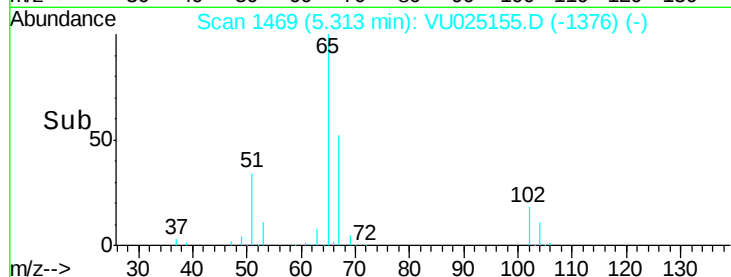
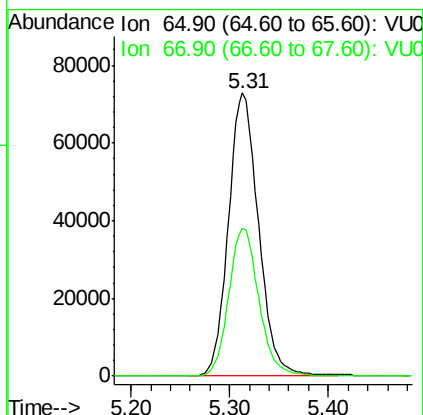
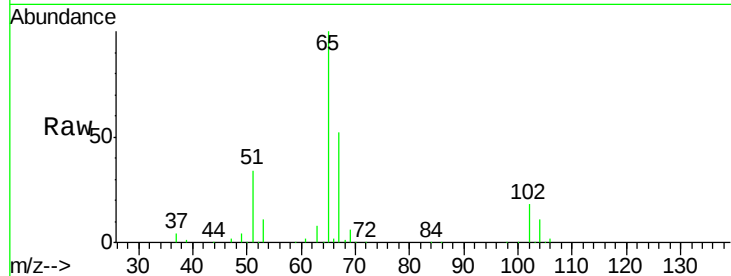




#33
 1,2-Dichloroethane-d4
 Concen: 46.70 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025155.D
 Acq: 02 Jul 2018 20:05

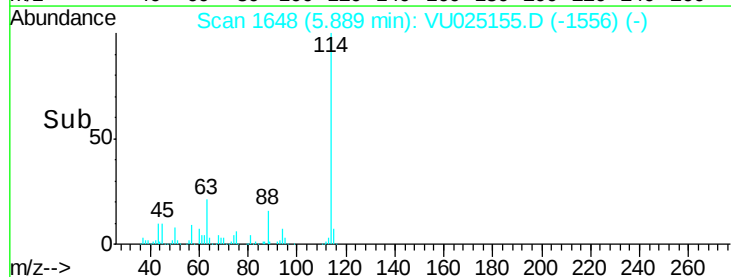
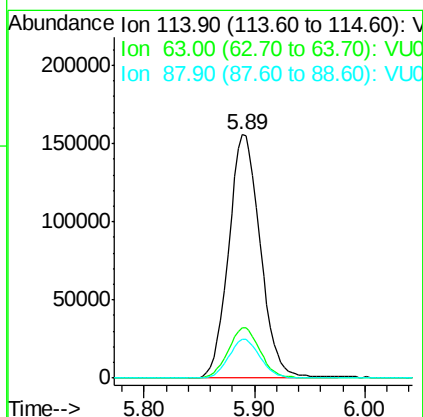
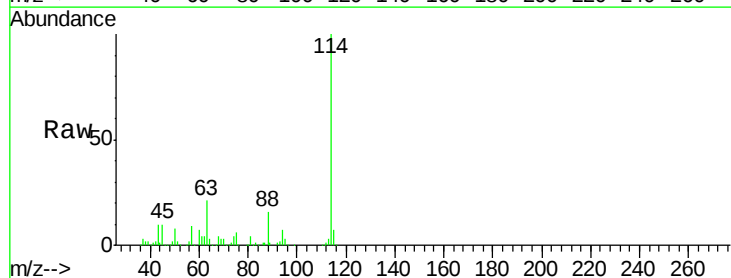
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-062918-B

Tot Ion: 65 Resp: 155618
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025155.D
 Acq: 02 Jul 2018 20:05

Tgt Ion: 114 Resp: 310047
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 15.9 0.0 31.0

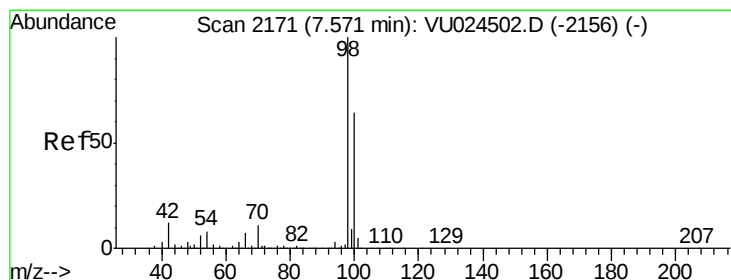
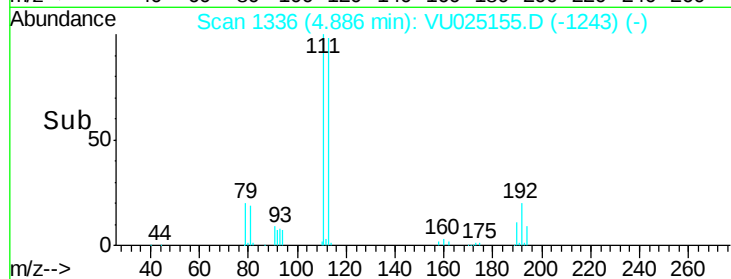
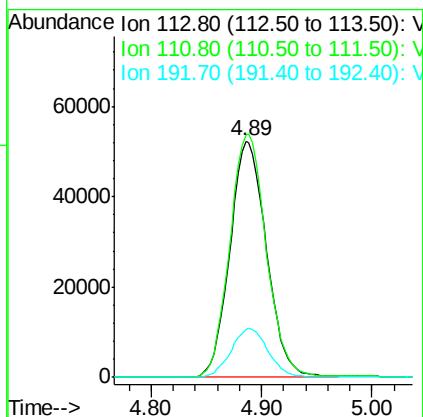
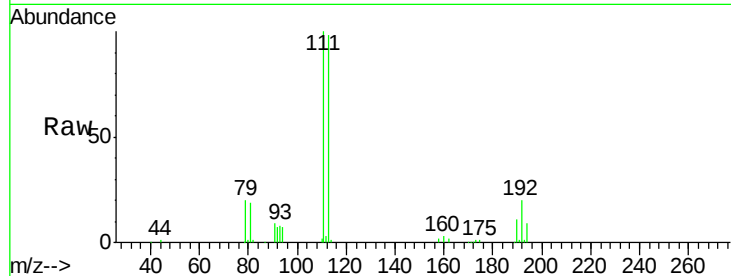




#35
 Dibromofluoromethane
 Concen: 46.73 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025155.D
 Acq: 02 Jul 2018 20:05

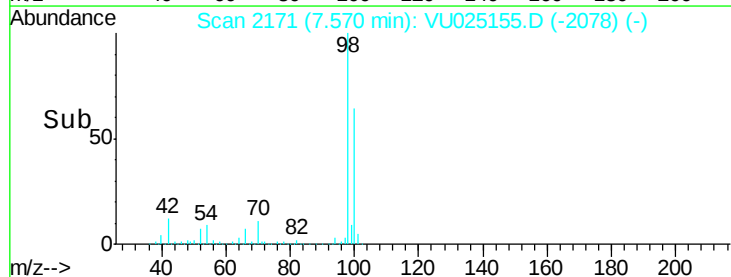
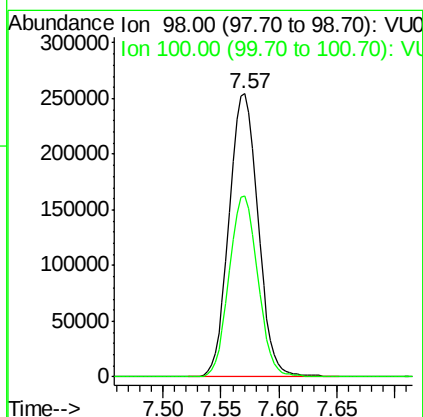
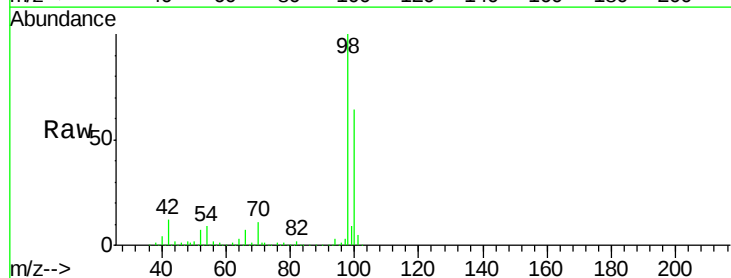
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 ClientSampleId :
 CL-01-062918-B

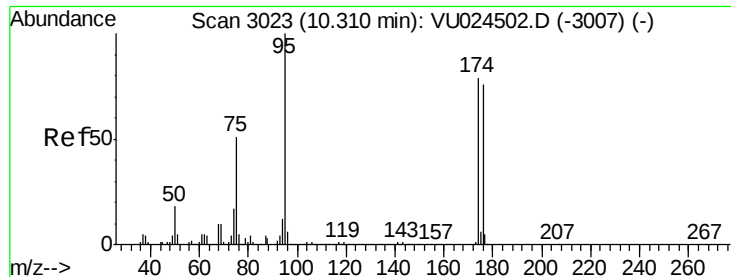
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	20.9	16.2	24.4



#50
 Toluene-d8
 Concen: 46.97 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025155.D
 Acq: 02 Jul 2018 20:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7

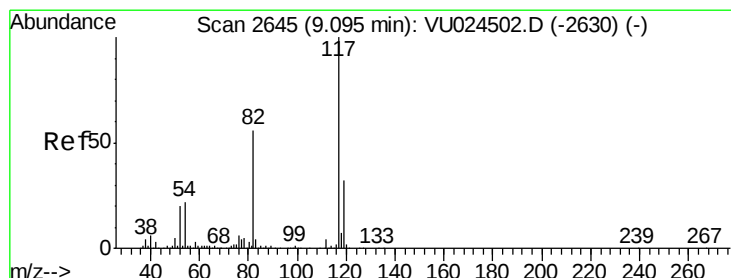
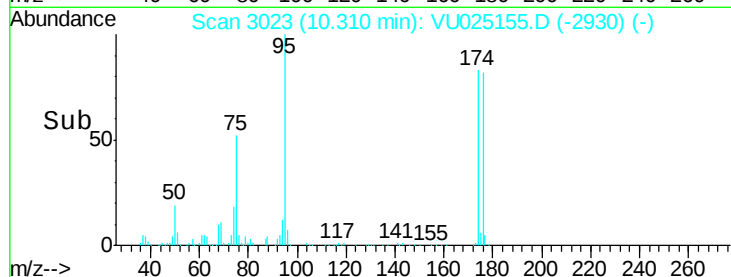
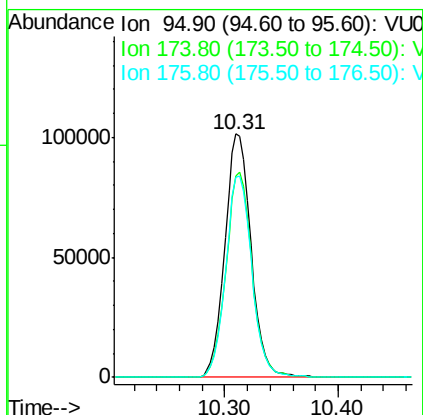
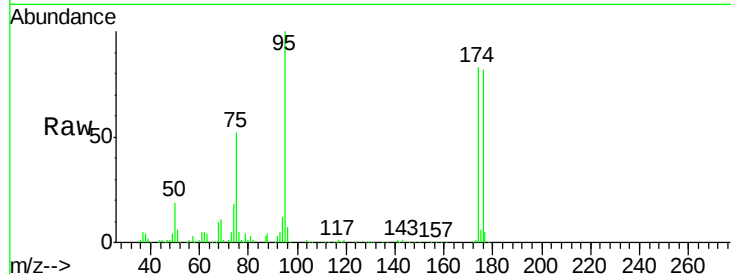




#62
4-Bromofluorobenzene
Concen: 43.88 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

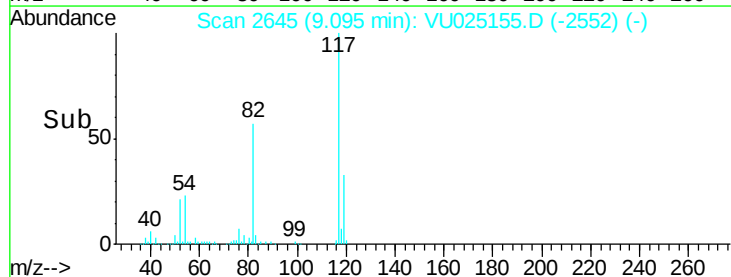
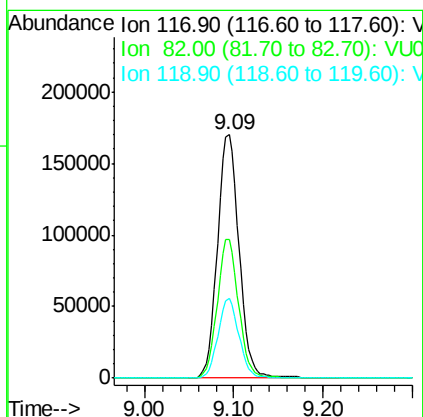
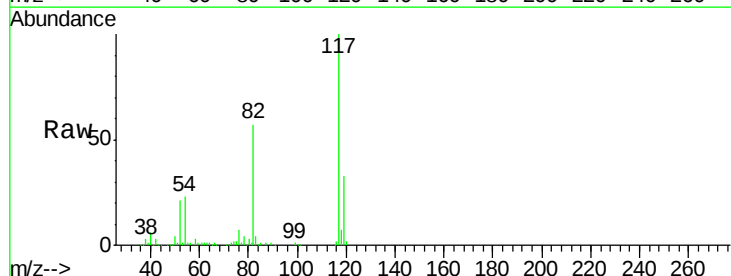
Instrument :
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ClientSampleId :
CL-01-062918-B

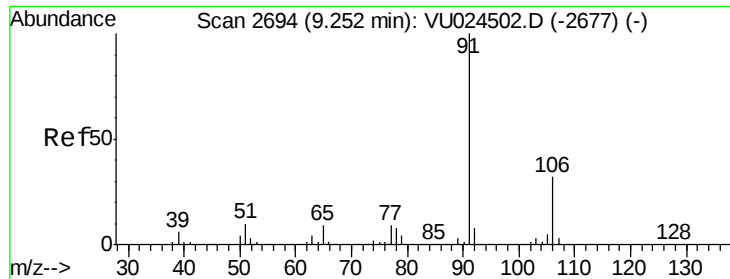
Tot Ion	95	Resp	163518
Ion Ratio	100		
Lower		0.0	165.8
Upper		0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion	117	Resp	285179
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		44.3	66.5
Upper		25.4	38.2





#67

Ethyl Benzene

Concen: 1.14 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025155.D

Acq: 02 Jul 2018 20:05

Instrument :

MSVOA_U

ClientSampleId :

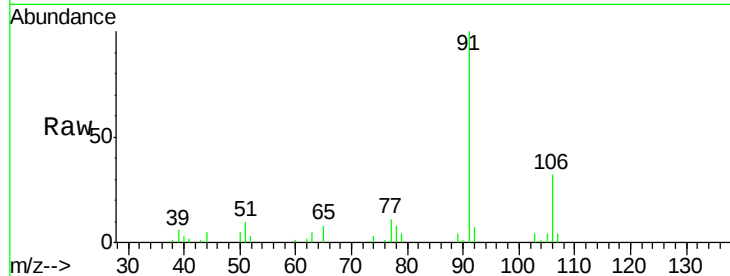
CL-01-062918-B

Tot Ion: 91 Resp: 14617

Ion Ratio Lower Upper

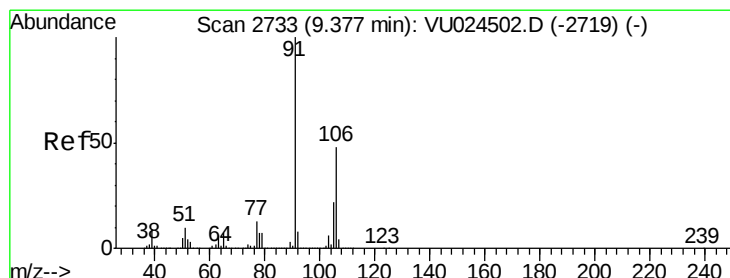
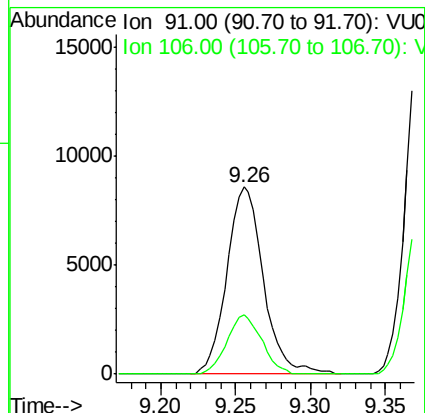
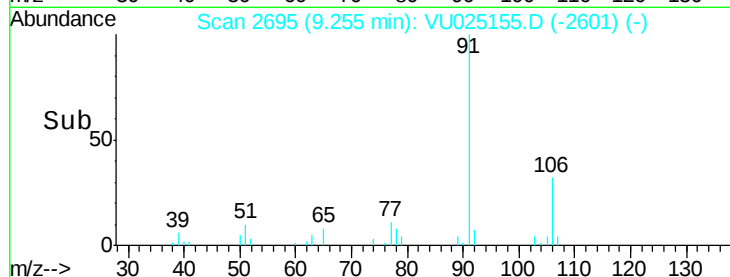
91 100

106 32.1 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU025155.D (-2601) (-)

Ion 106.00 (105.70 to 106.70): VU025155.D (-2601) (-)



#68

m/p-Xylenes

Concen: 3.47 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025155.D

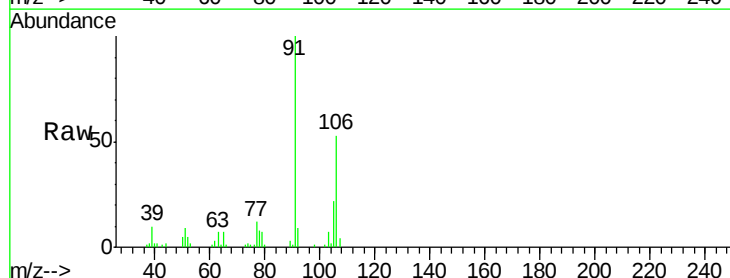
Acq: 02 Jul 2018 20:05

Tgt Ion: 106 Resp: 17006

Ion Ratio Lower Upper

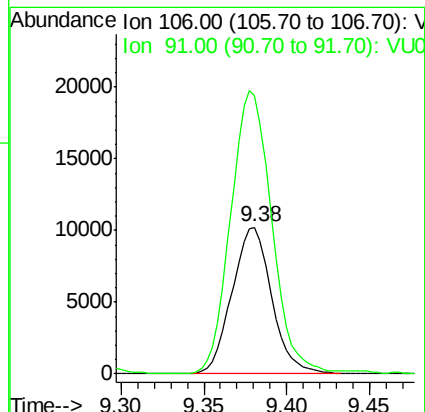
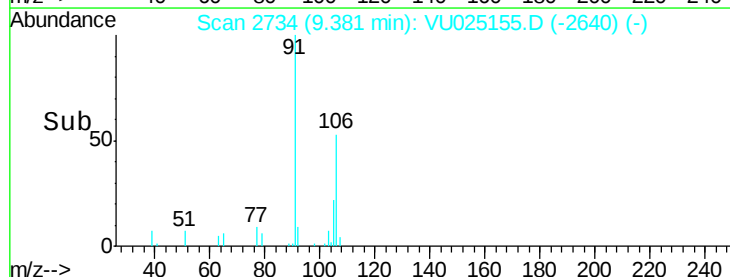
106 100

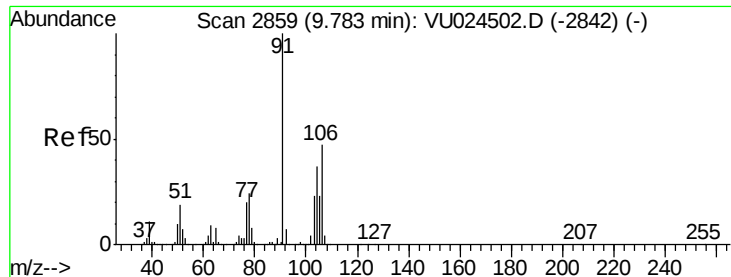
91 199.8 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU025155.D (-2640) (-)

Ion 91.00 (90.70 to 91.70): VU025155.D (-2640) (-)

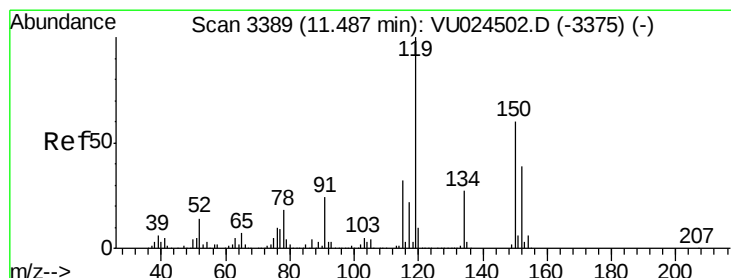
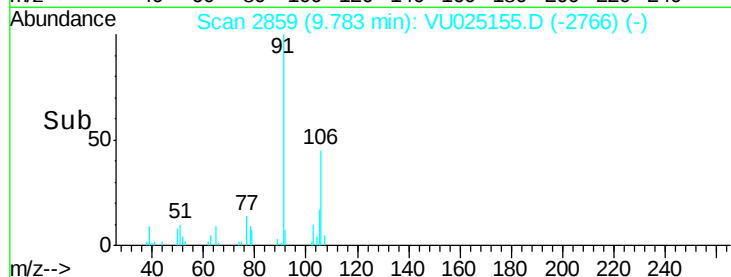
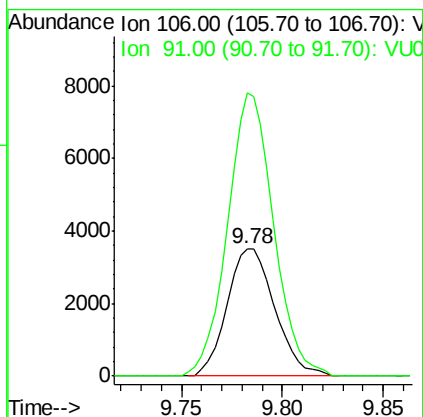
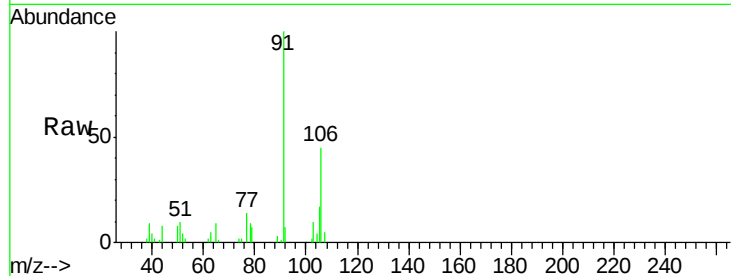




#69
o-Xylene
Concen: 1.20 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

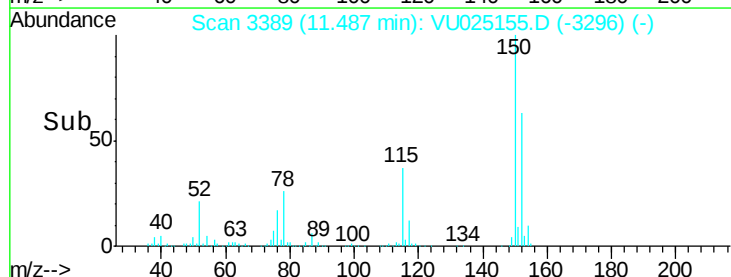
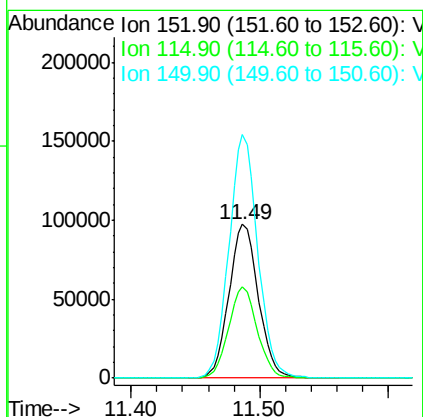
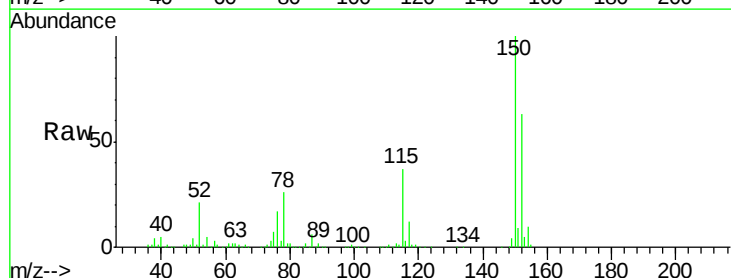
Instrument :
MSVOA_U
ClientSampleId :
CL-01-062918-B

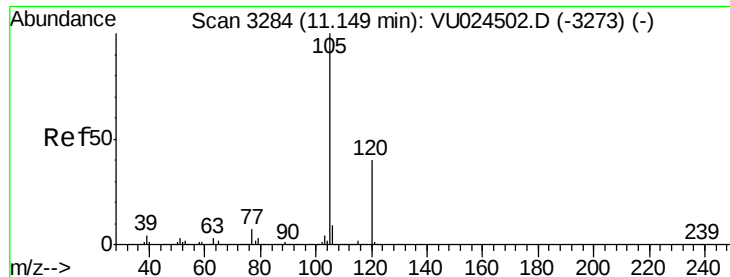
Tot Ion:106 Resp: 5833
Ion Ratio Lower Upper
106 100
91 213.5 110.7 331.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025155.D
Acq: 02 Jul 2018 20:05

Tgt Ion:152 Resp: 154369
Ion Ratio Lower Upper
152 100
115 57.9 43.0 129.0
150 154.7 0.0 354.0





#84

1,2,4-Trimethylbenzene

Concen: 1.71 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025155.D

Acq: 02 Jul 2018 20:05

Instrument :

MSVOA_U

ClientSampleId :

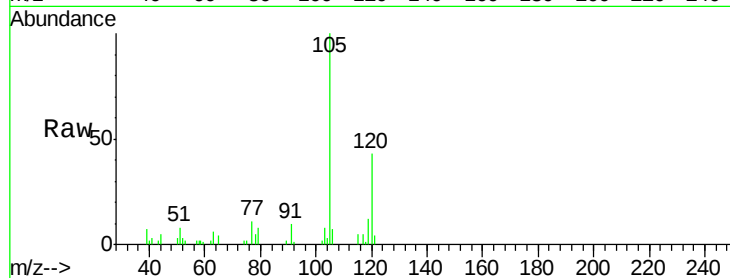
CL-01-062918-B

Tot Ion:105 Resp: 17934

Ion Ratio Lower Upper

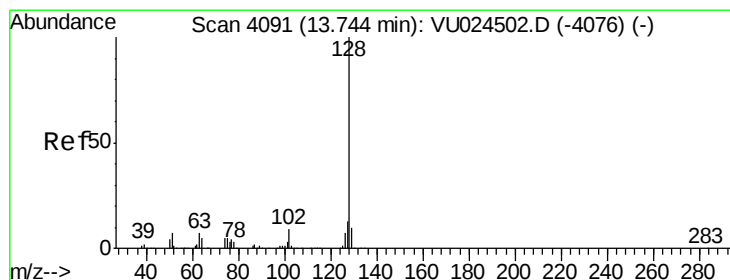
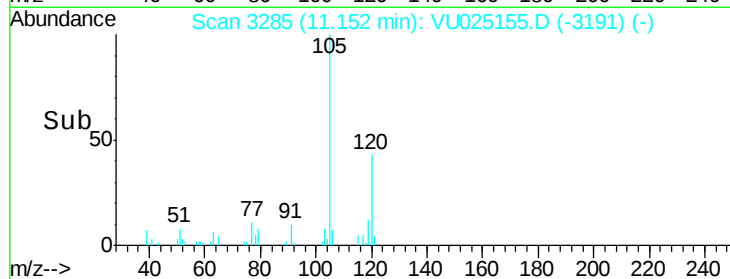
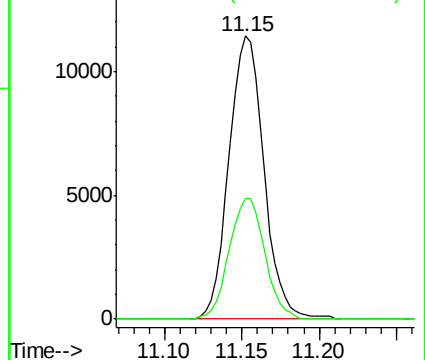
105 100

120 43.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 13.92 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025155.D

Acq: 02 Jul 2018 20:05

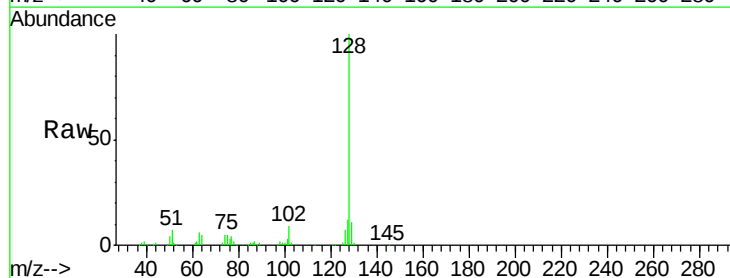
Tgt Ion:128 Resp: 152344

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.7 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

