

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025225.D
 Acq On : 05 Jul 2018 19:05
 Operator : MD/SY
 Sample : J3840-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4-D

Quant Time: Jul 06 07:05:32 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

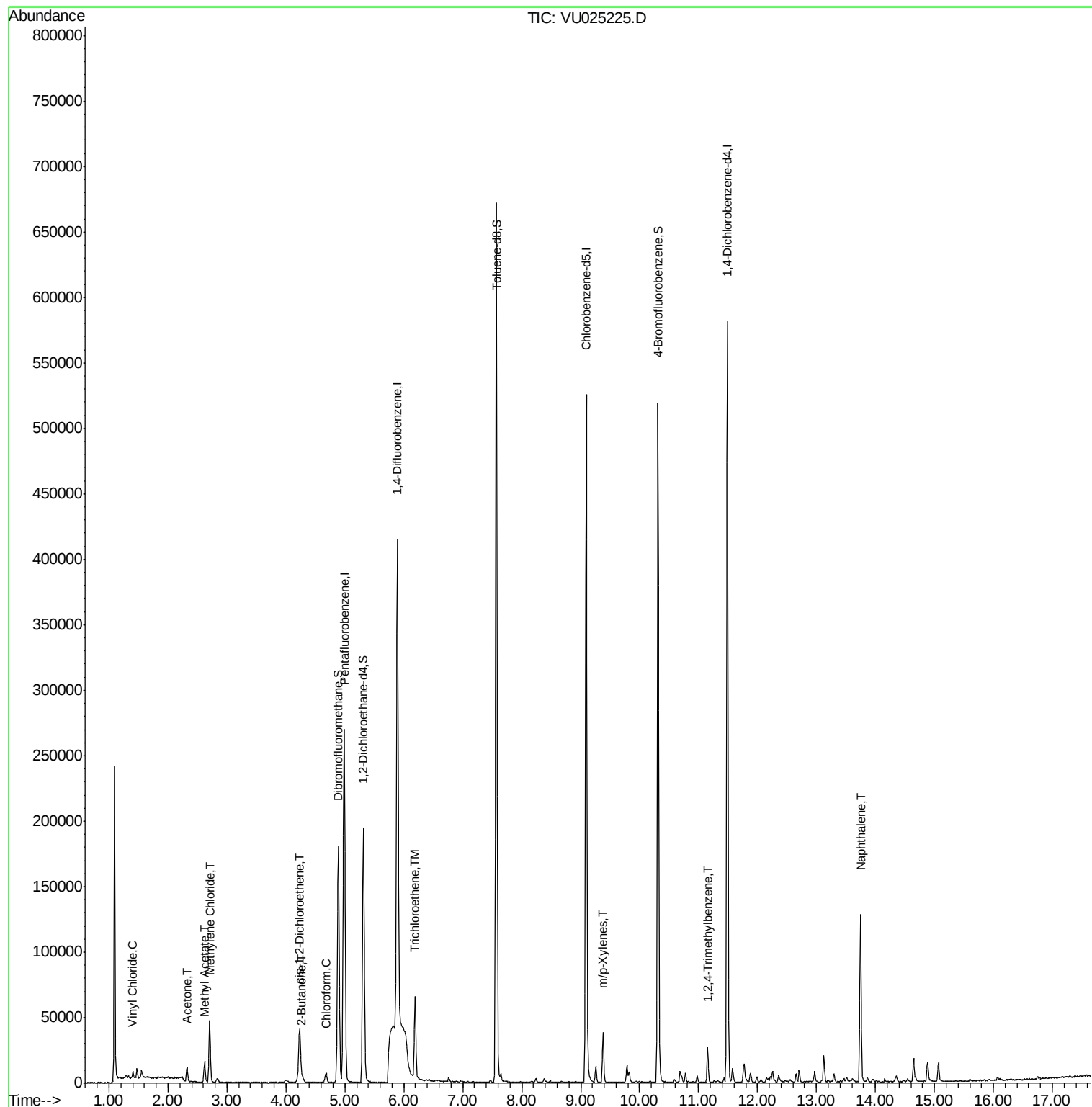
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314640	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157722	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
35) Dibromofluoromethane	4.89	113	122675	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	7.57	98	445402	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
62) 4-Bromofluorobenzene	10.31	95	167477	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2920	1.066	ug/l	90
16) Acetone	2.32	43	11152	6.123	ug/l	97
18) Methyl Acetate	2.62	43	19103	4.893	ug/l	99
20) Methylene Chloride	2.71	84	21079	7.376	ug/l	95
25) 2-Butanone	4.27	43	7079	2.894	ug/l #	90
27) cis-1,2-Dichloroethene	4.23	96	22682	7.576	ug/l	92
30) Chloroform	4.68	83	6599	1.302	ug/l	96
44) Trichloroethene	6.19	130	21461	7.158	ug/l	97
68) m/p-Xylenes	9.38	106	11225	2.260	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	13672	1.311	ug/l	97
95) Naphthalene	13.75	128	101434	9.528	ug/l	100

(#) = 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: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

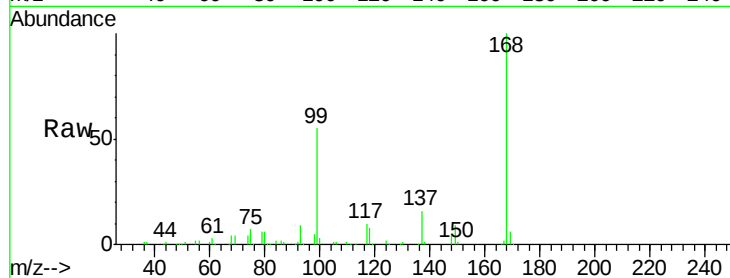
TP-4-D

Tot Ion:168 Resp: 207640

Ion Ratio Lower Upper

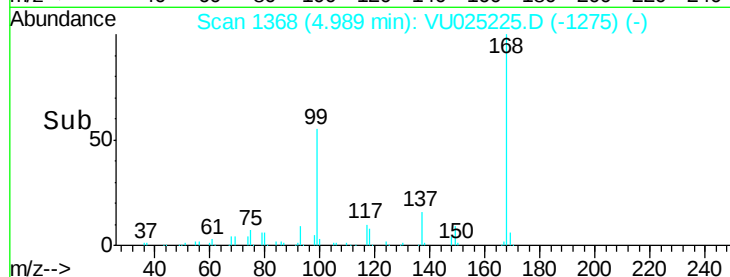
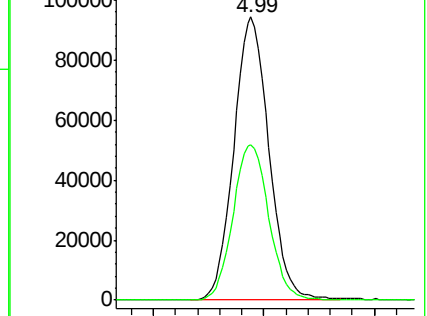
168 100

99 54.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 1.066 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025225.D

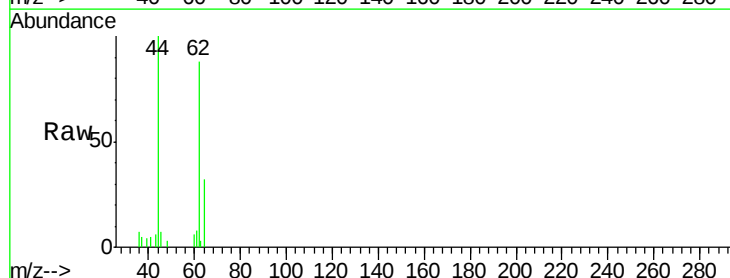
Acq: 05 Jul 2018 19:05

Tgt Ion: 62 Resp: 2920

Ion Ratio Lower Upper

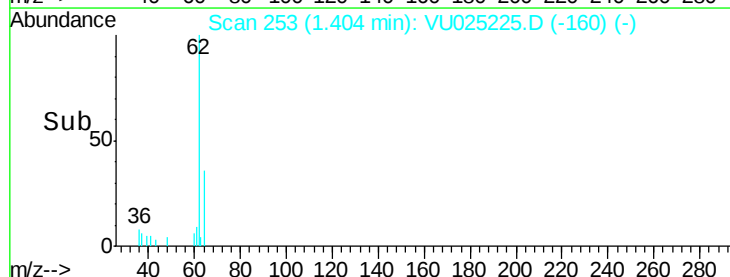
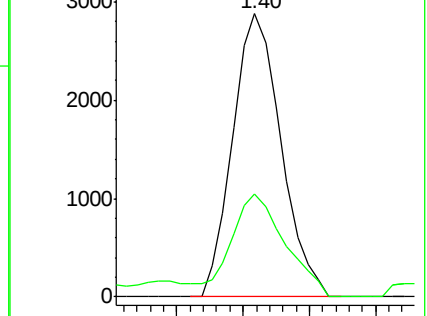
62 100

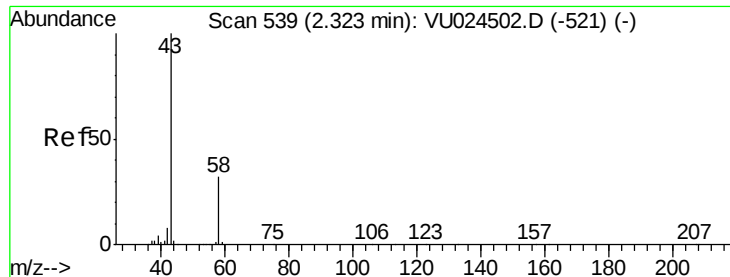
64 36.4 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#16

Acetone

Concen: 6.123 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

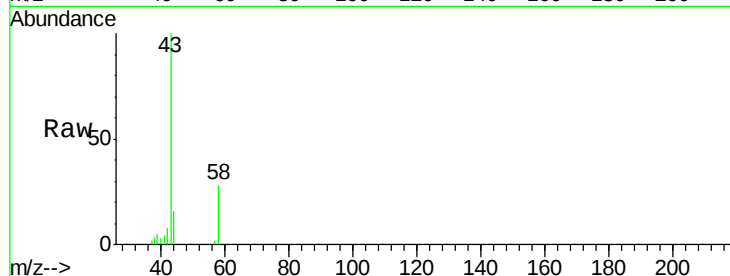
TP-4-D

Tot Ion: 43 Resp: 11152

Ion Ratio Lower Upper

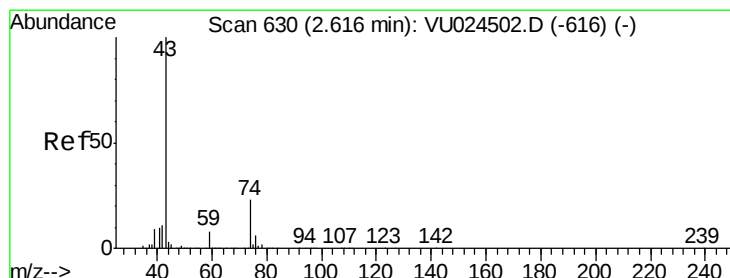
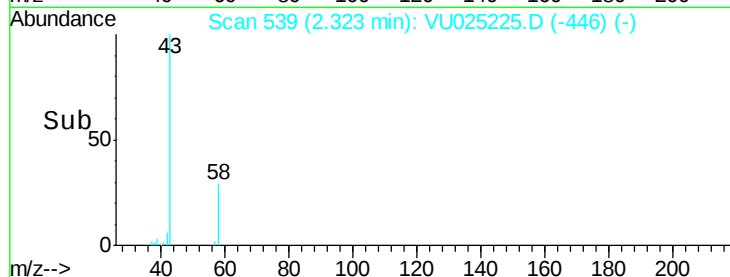
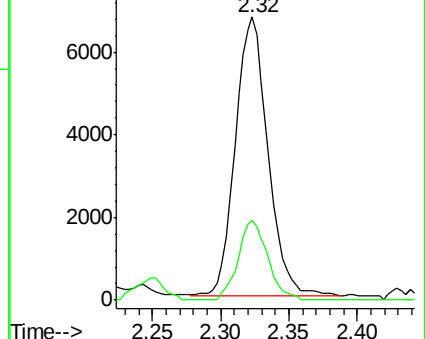
43 100

58 28.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 4.893 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025225.D

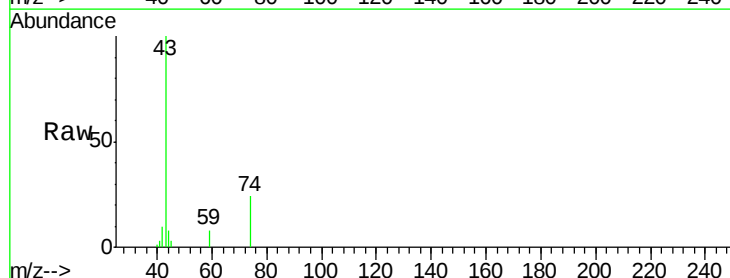
Acq: 05 Jul 2018 19:05

Tgt Ion: 43 Resp: 19103

Ion Ratio Lower Upper

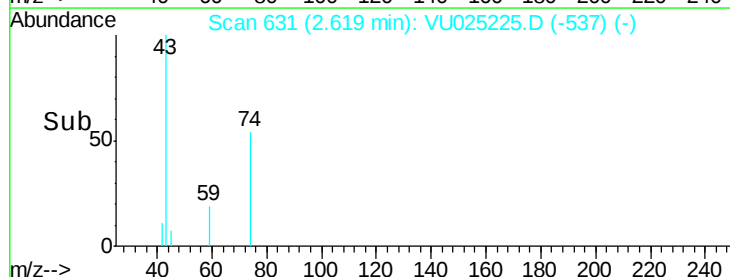
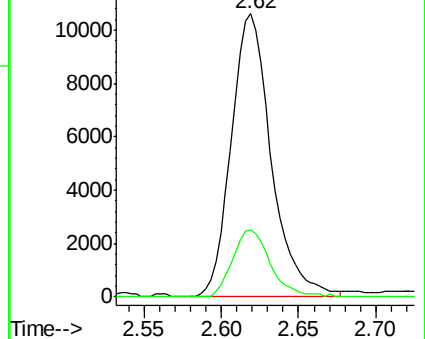
43 100

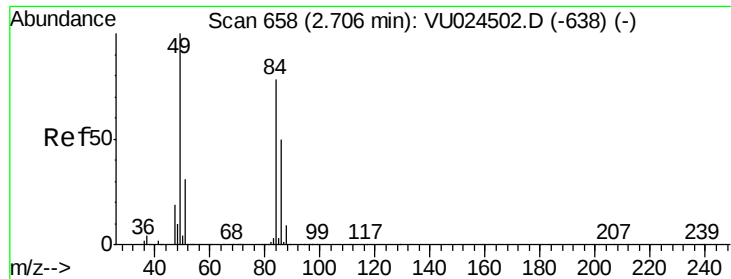
74 22.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

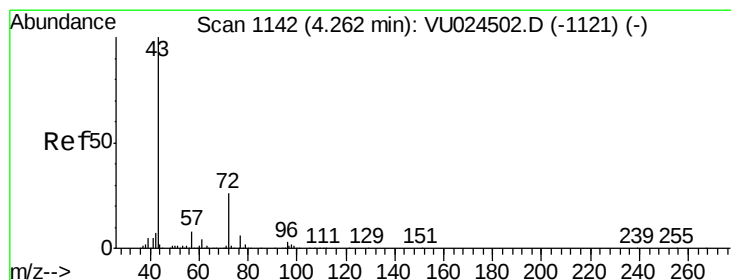
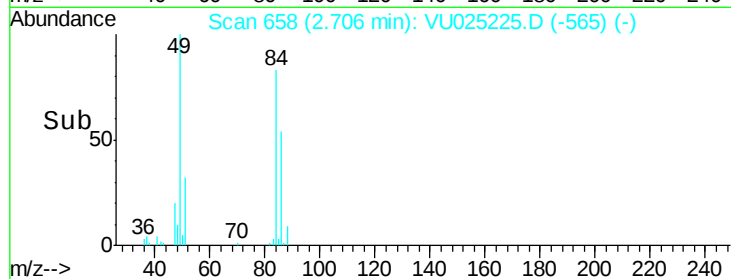
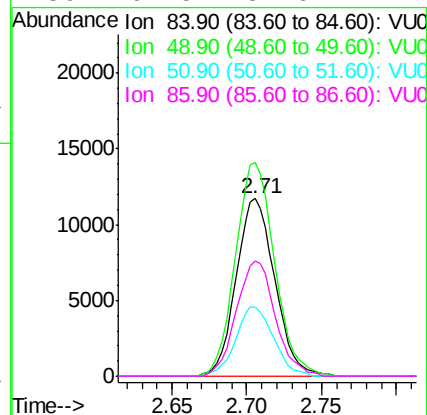
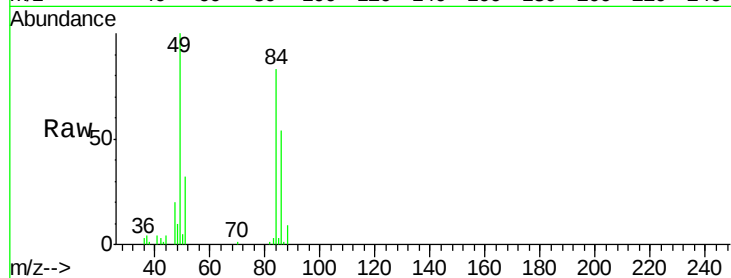




#20
Methvlene Chloride
Concen: 7.376 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

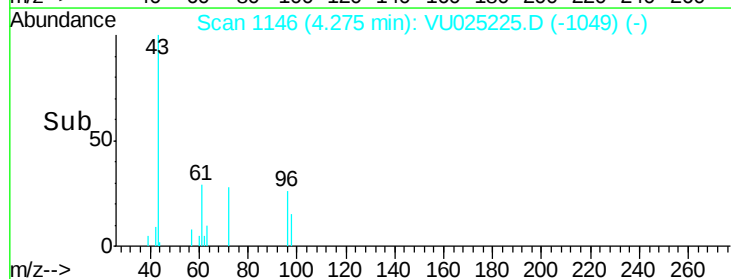
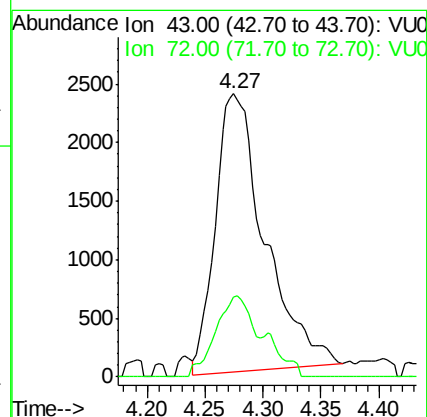
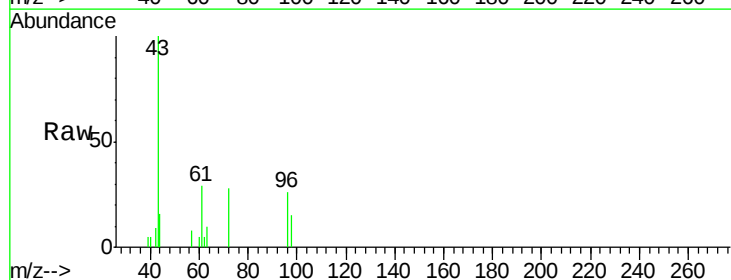
Instrument :
MSVOA_U
ClientSampleId :
TP-4-D

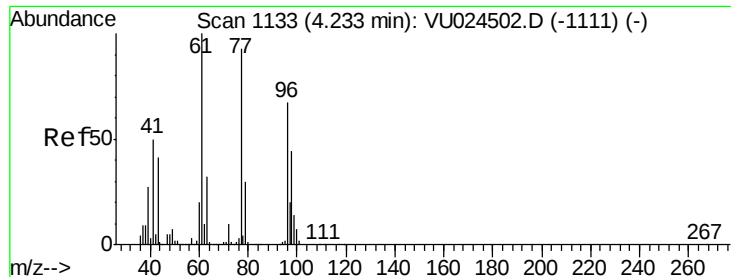
Tot Ion:	84	Resp:	21079
Ion	Ratio	Lower	Upper
84	100		
49	120.2	103.8	155.8
51	39.0	32.0	48.0
86	64.5	51.6	77.4



#25
2-Butanone
Concen: 2.894 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

Tgt Ion:	43	Resp:	7079
Ion	Ratio	Lower	Upper
43	100		
72	29.5	19.6	29.4#

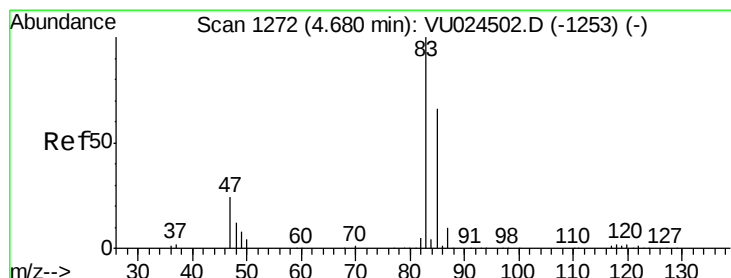
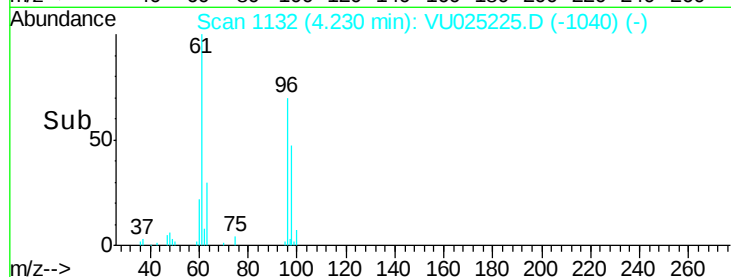
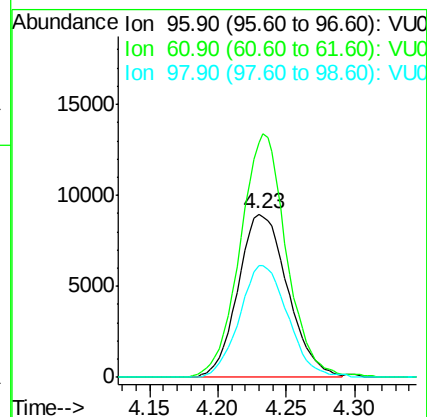
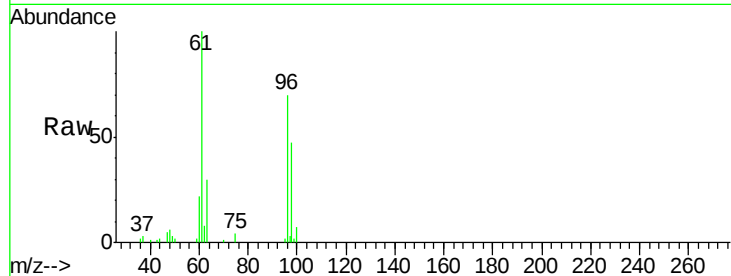




#27
 cis-1,2-Dichloroethene
 Concen: 7.576 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025225.D
 Acq: 05 Jul 2018 19:05

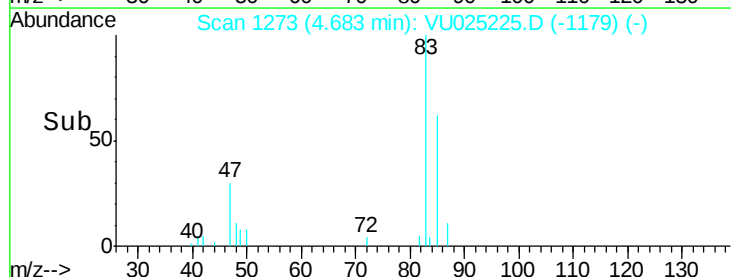
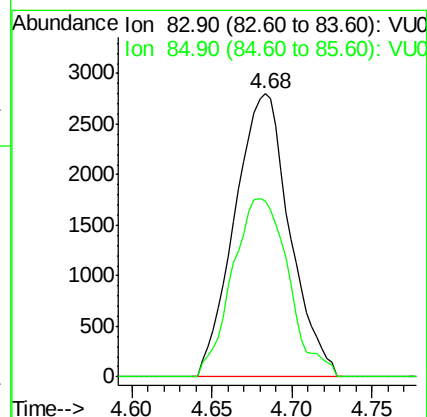
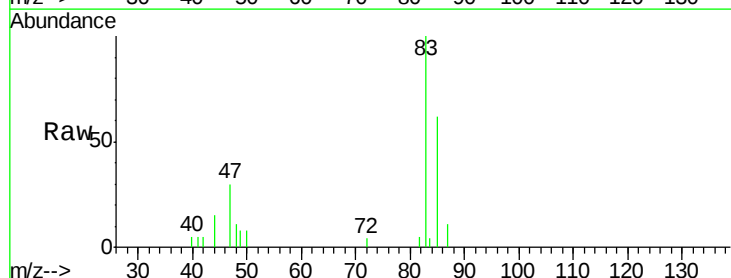
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4-D

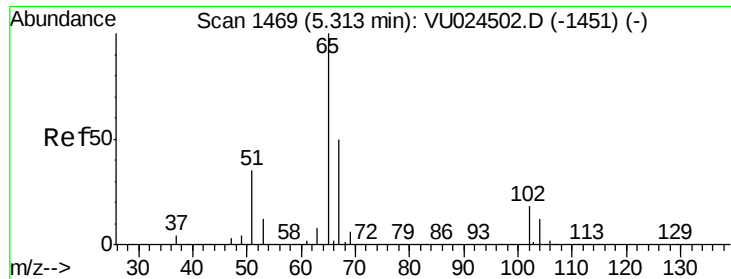
Tot Ion: 96 Resp: 22682
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 306.6
 98 66.5 0.0 128.8



#30
 Chloroform
 Concen: 1.302 ug/l
 RT: 4.68 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VU025225.D
 Acq: 05 Jul 2018 19:05

Tgt Ion: 83 Resp: 6599
 Ion Ratio Lower Upper
 83 100
 85 62.3 52.4 78.6

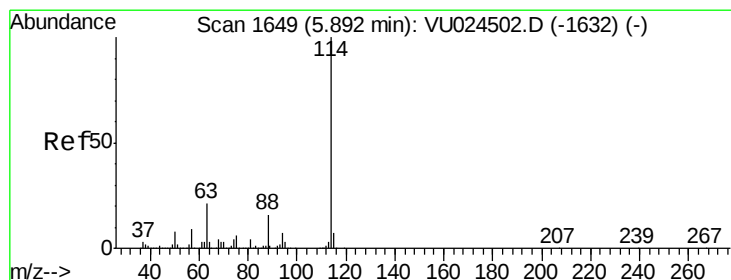
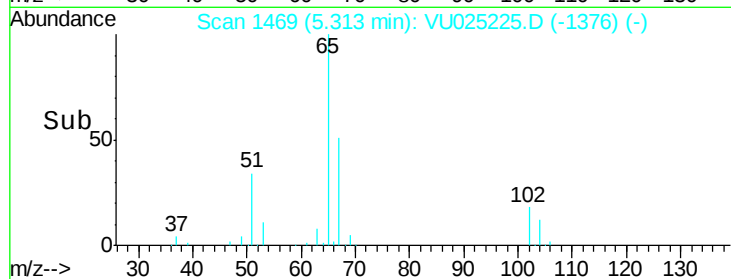
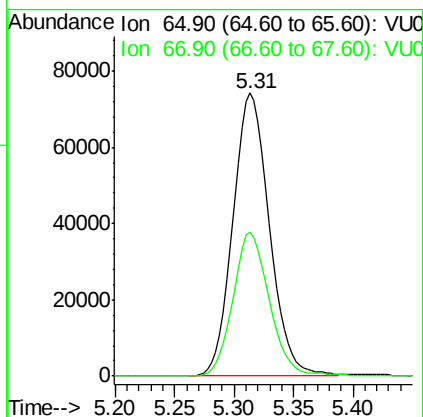
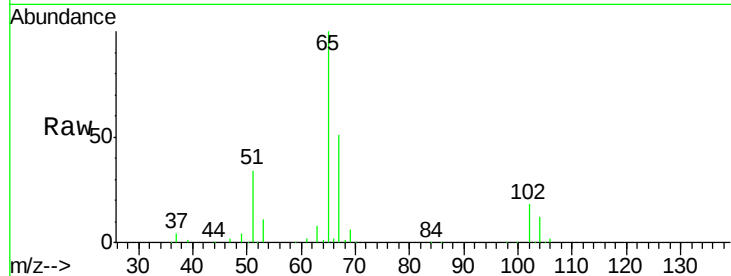




#33
 1,2-Dichloroethane-d4
 Concen: 46.529 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025225.D
 Acq: 05 Jul 2018 19:05

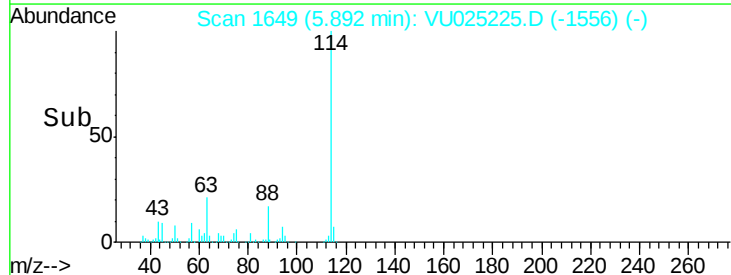
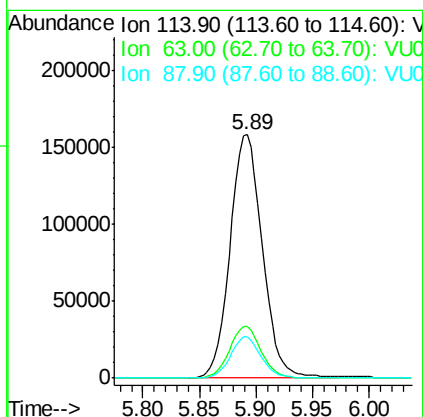
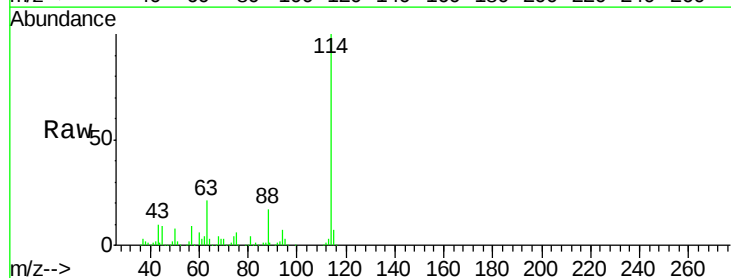
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4-D

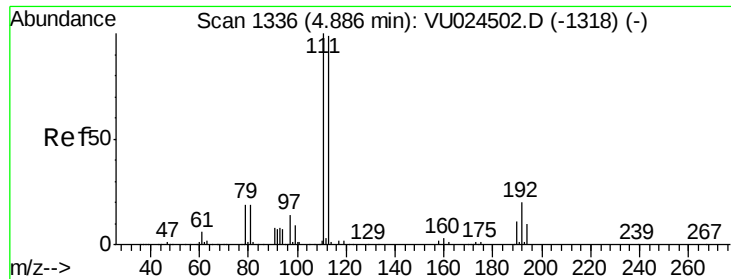
Tot Ion: 65 Resp: 157722
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025225.D
 Acq: 05 Jul 2018 19:05

Tgt Ion: 114 Resp: 314640
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.4
 88 16.7 0.0 31.0

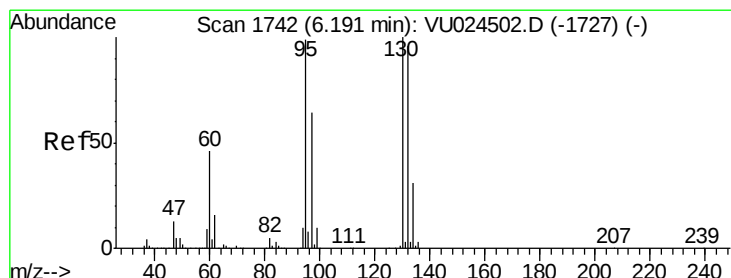
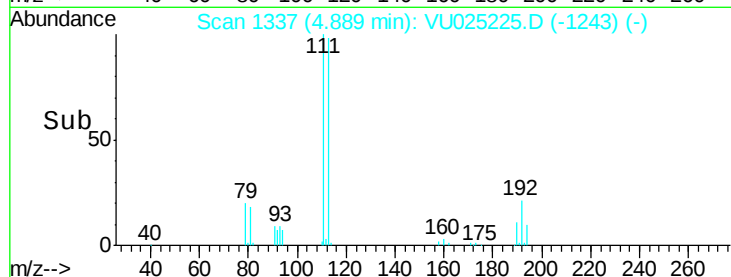
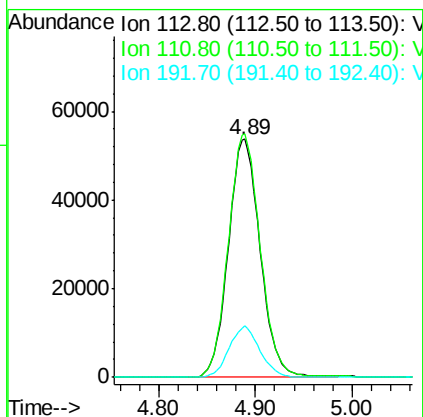
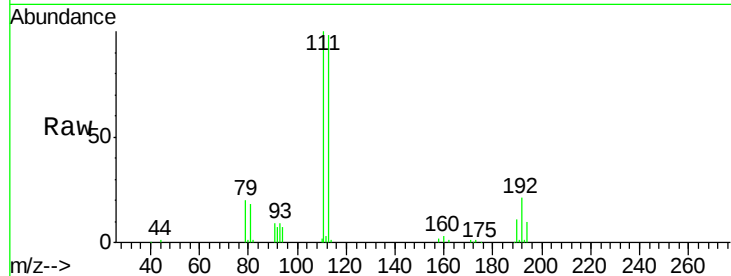




#35
 Dibromofluoromethane
 Concen: 46.979 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025225.D
 Acq: 05 Jul 2018 19:05

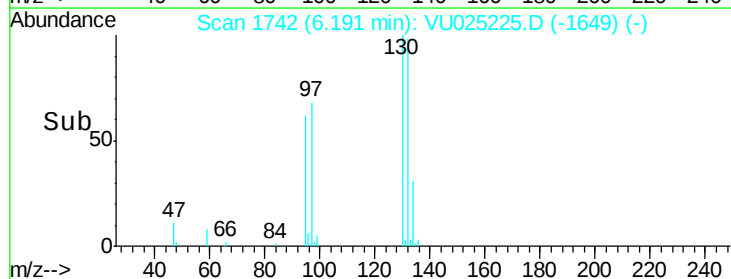
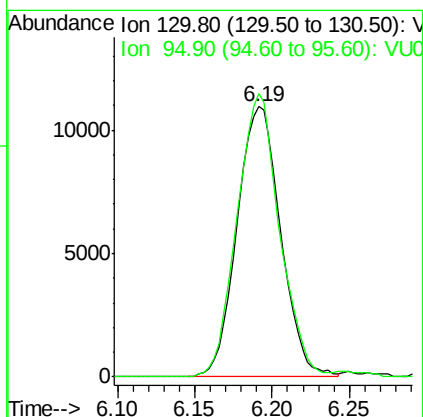
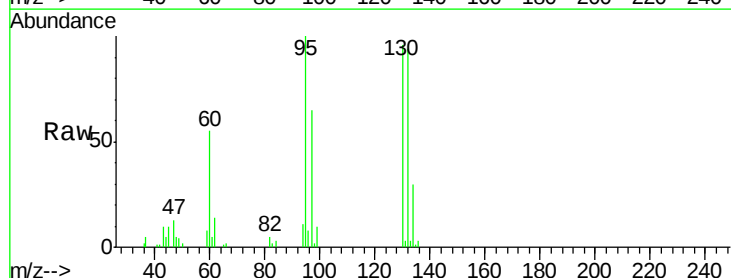
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 ClientSampleId :
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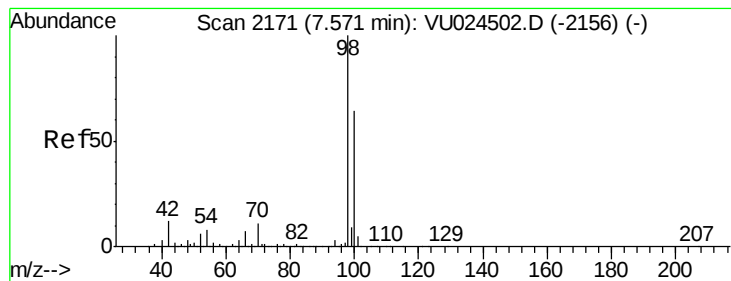
Tot Ion:113 Resp: 122675
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 20.9 16.2 24.4



#44
 Trichloroethene
 Concen: 7.158 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU025225.D
 Acq: 05 Jul 2018 19:05

Tgt Ion:130 Resp: 21461
 Ion Ratio Lower Upper
 130 100
 95 104.7 0.0 202.4





#50

Toluene-d8

Concen: 46.762 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

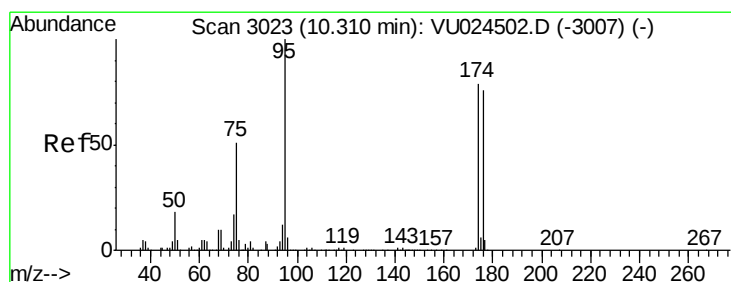
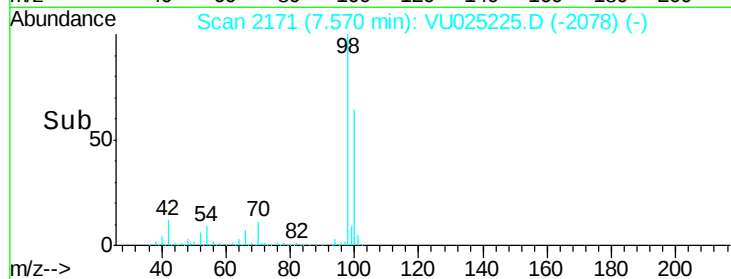
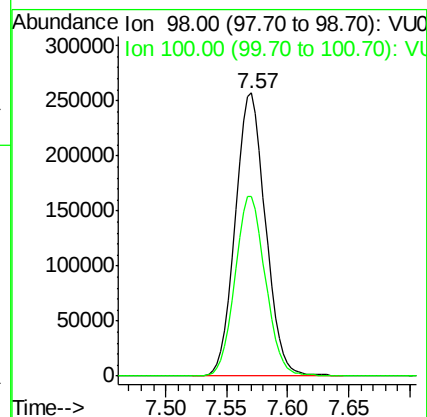
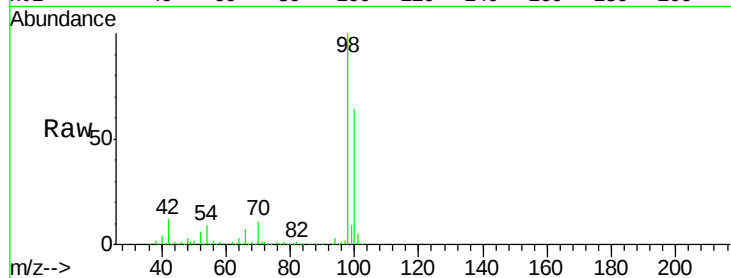
TP-4-D

Tot Ion: 98 Resp: 445402

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.286 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

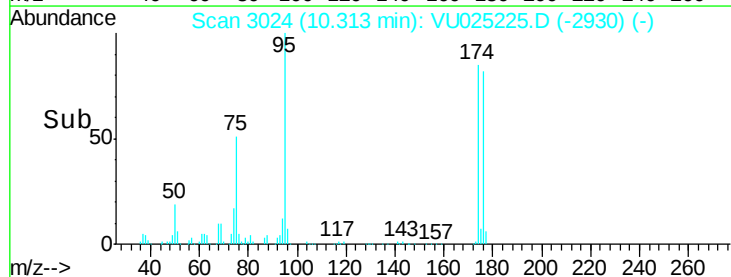
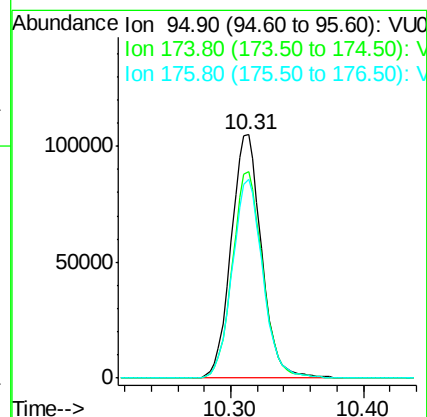
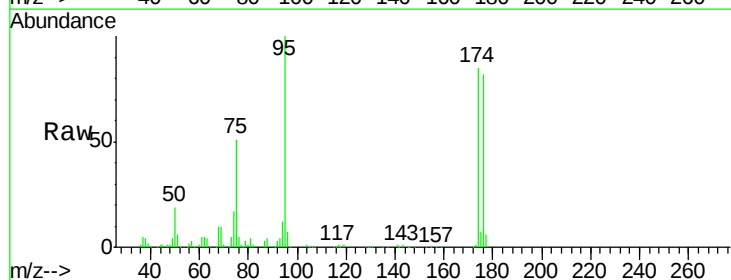
Tgt Ion: 95 Resp: 167477

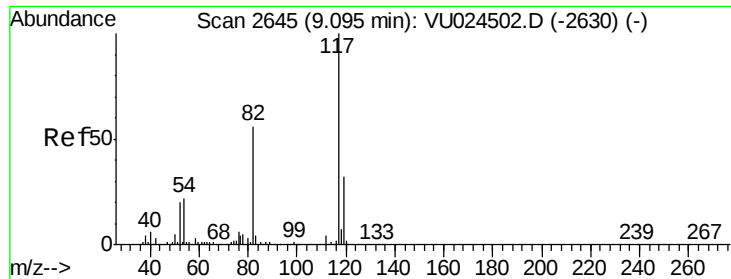
Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

176 81.7 0.0 159.4

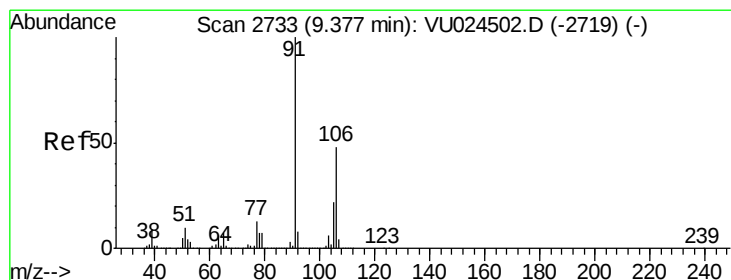
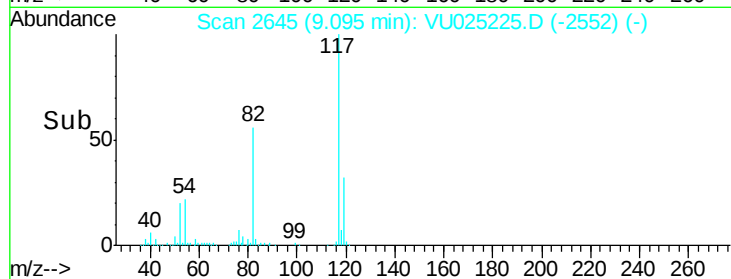
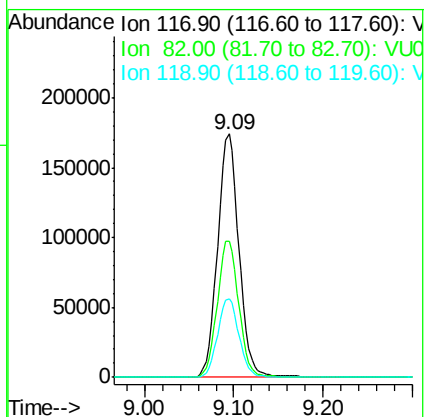
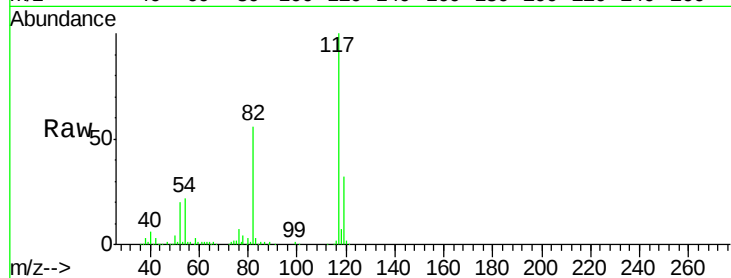




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

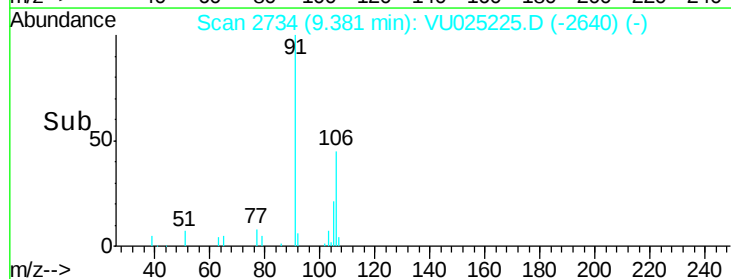
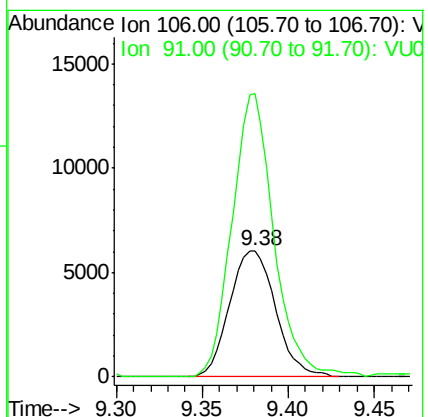
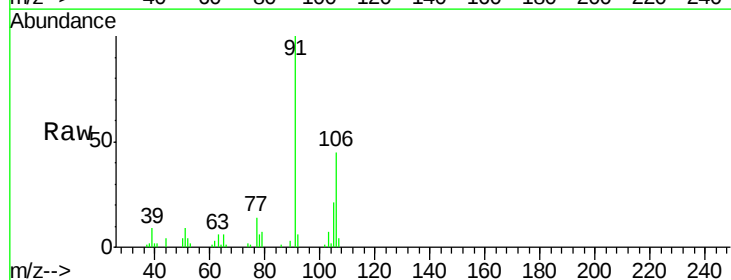
Instrument :
MSVOA_U
ClientSampleId :
TP-4-D

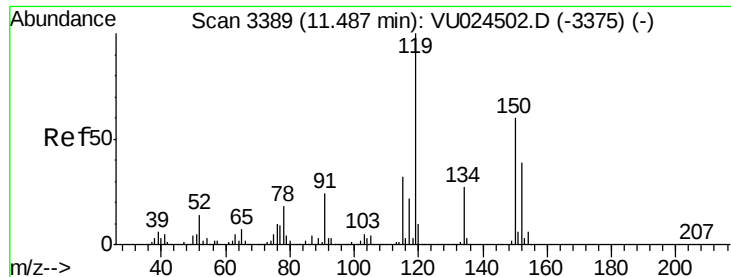
Tot Ion:117 Resp: 288863
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 2.260 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025225.D
Acq: 05 Jul 2018 19:05

Tgt Ion:106 Resp: 11225
Ion Ratio Lower Upper
106 100
91 204.6 166.5 249.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampled :

TP-4-D

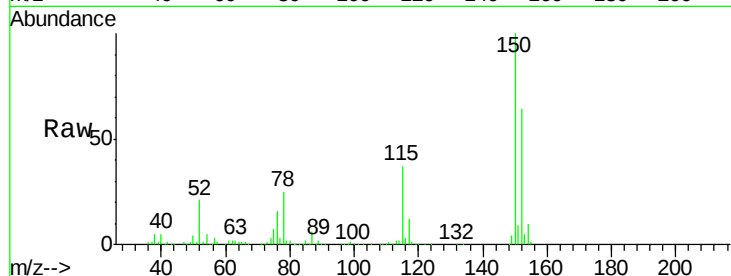
Tot Ion:152 Resp: 153782

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

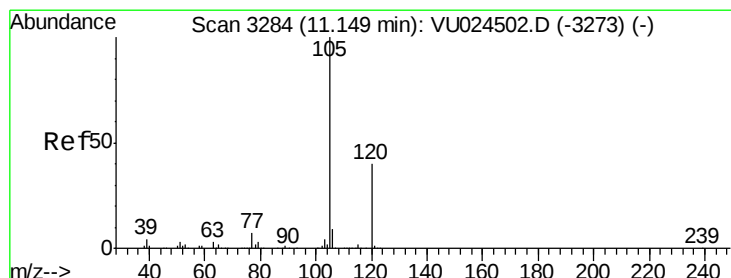
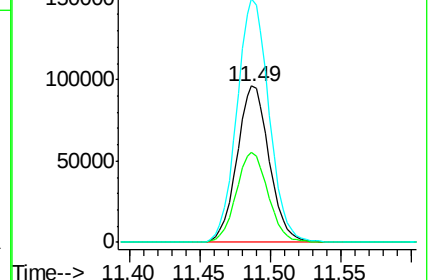
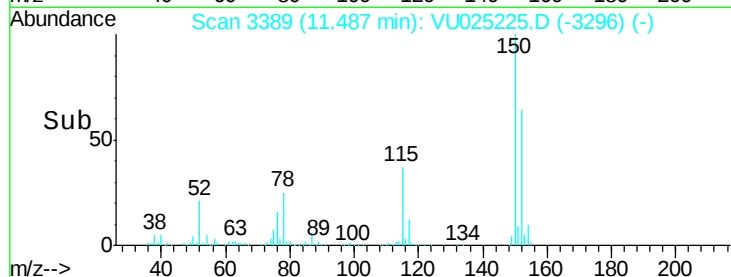
150 155.7 0.0 354.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.311 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025225.D

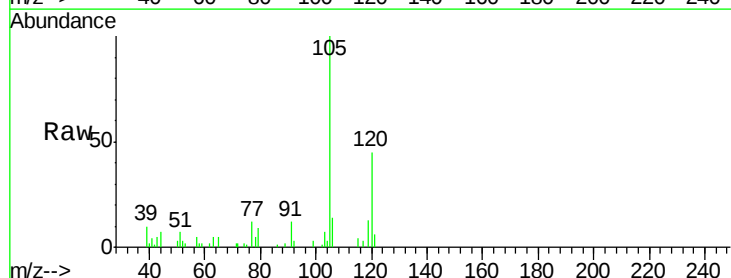
Acq: 05 Jul 2018 19:05

Tgt Ion:105 Resp: 13672

Ion Ratio Lower Upper

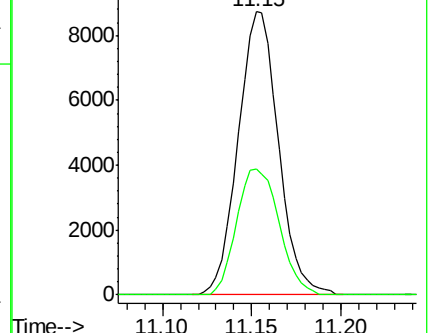
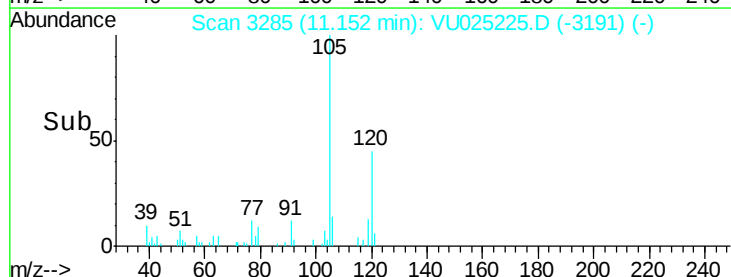
105 100

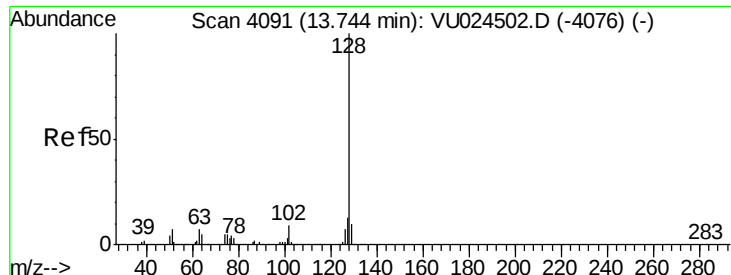
120 47.2 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 9.528 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025225.D

Acq: 05 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

TP-4-D

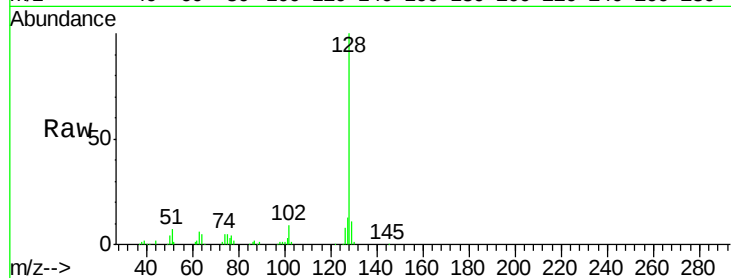
Tot Ion:128 Resp: 101434

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.6 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

