

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025727.D
 Acq On : 30 Jul 2018 17:01
 Operator : MD/SY
 Sample : J4218-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-S

Quant Time: Jul 31 04:26:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 28 02:19:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	178299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287874	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	174139	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	141442	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
35) Dibromofluoromethane	4.89	113	118890	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	7.57	98	422609	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	10.31	95	161567	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	

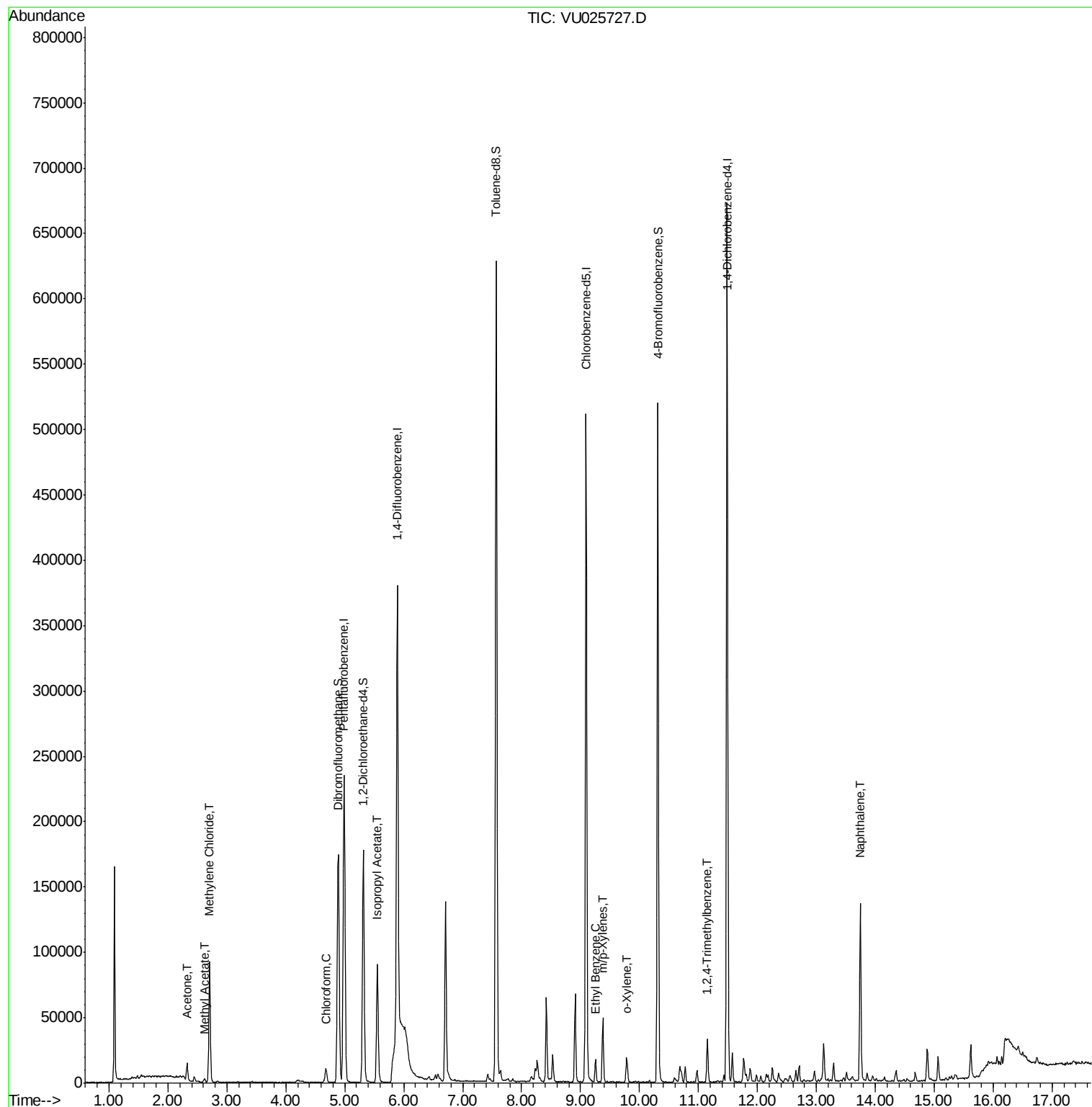
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	13862	10.23	ug/l	97
18) Methyl Acetate	2.62	43	3922	1.20	ug/l	# 87
20) Methylene Chloride	2.70	84	40779	16.99	ug/l	95
30) Chloroform	4.68	83	9836	2.29	ug/l	98
43) Isopropyl Acetate	5.55	43	103376	17.93	ug/l	99
67) Ethyl Benzene	9.26	91	12904	1.07	ug/l	94
68) m/p-Xylenes	9.38	106	13752	2.96	ug/l	96
69) o-Xylene	9.78	106	4682	1.03	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	17755	1.74	ug/l	97
95) Naphthalene	13.74	128	110931	9.62	ug/l	99

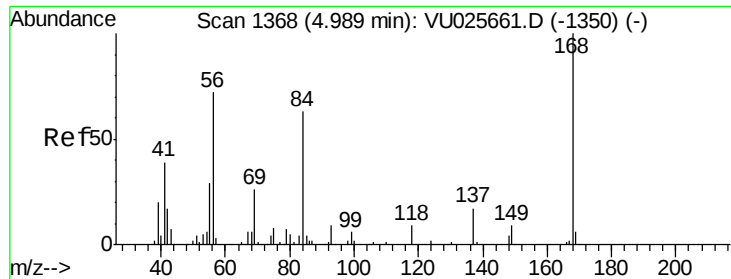
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 04:26:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 28 02:19:50 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: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampled :

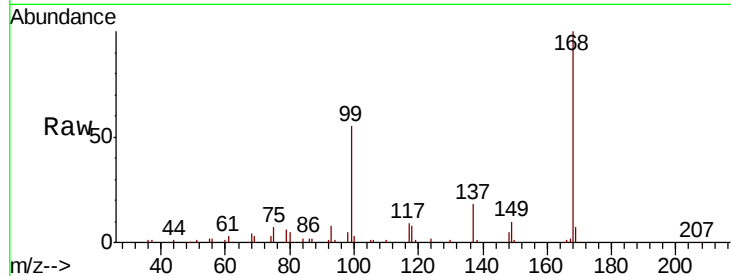
TP-15-S

Tot Ion:168 Resp: 178299

Ion Ratio Lower Upper

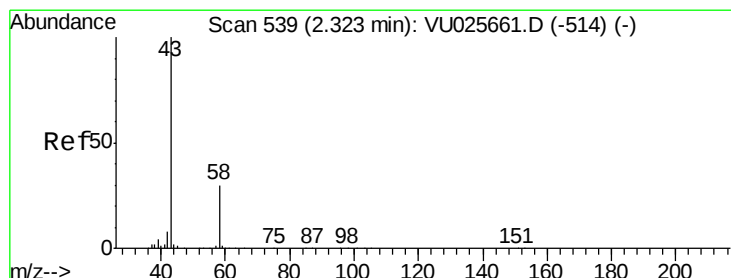
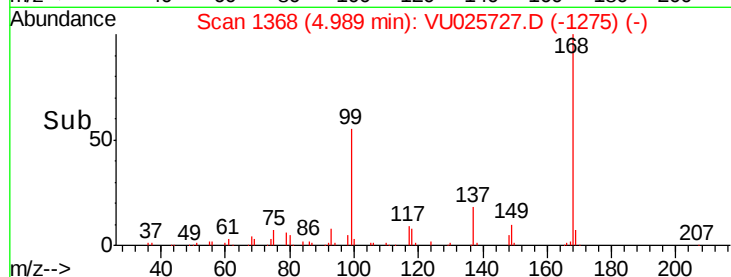
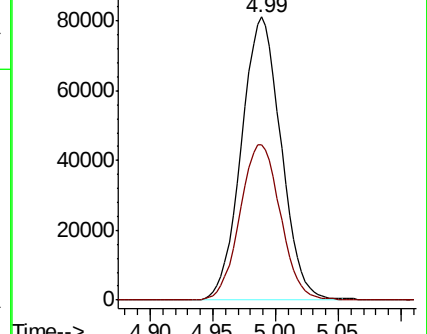
168 100

99 55.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#16

Acetone

Concen: 10.23 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025727.D

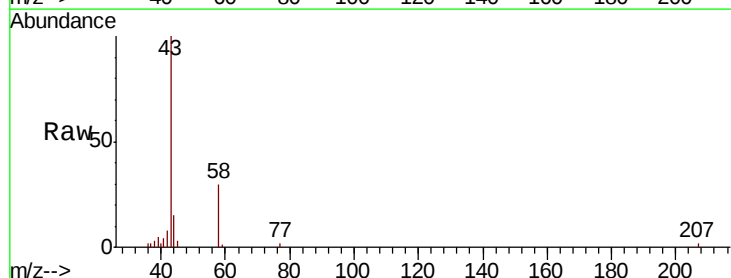
Acq: 30 Jul 2018 17:01

Tgt Ion: 43 Resp: 13862

Ion Ratio Lower Upper

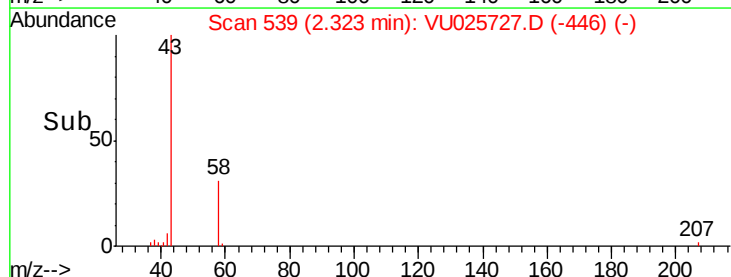
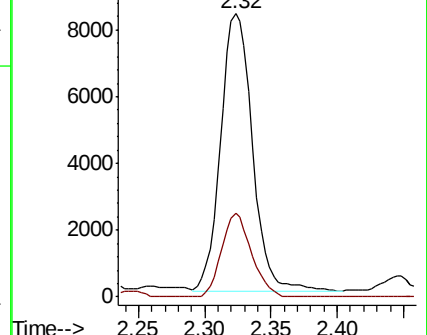
43 100

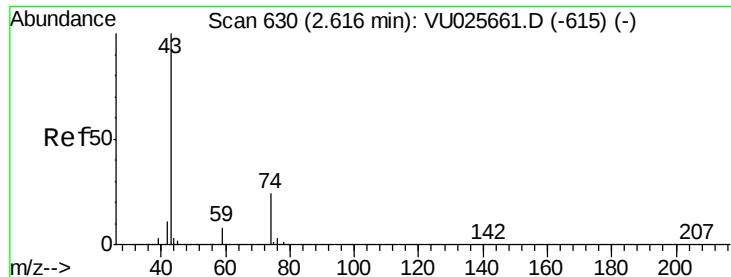
58 30.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)





#18

Methyl Acetate

Concen: 1.20 ug/l

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

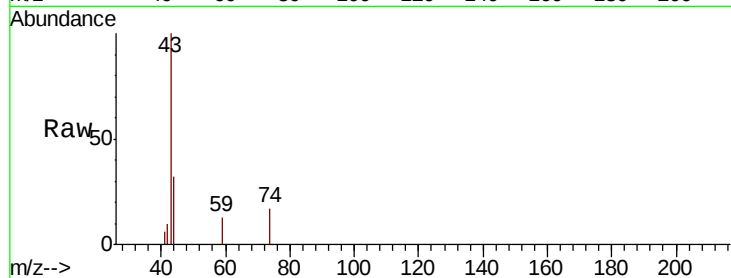
TP-15-S

Tot Ion: 43 Resp: 3922

Ion Ratio Lower Upper

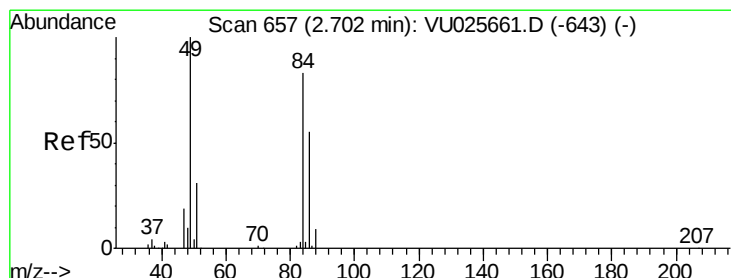
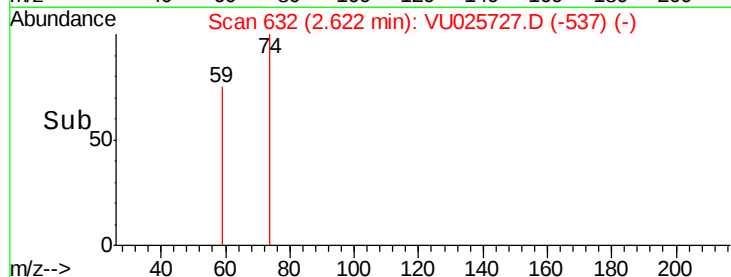
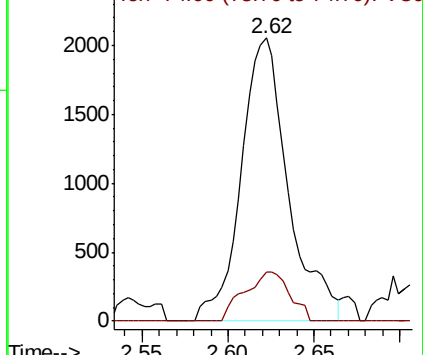
43 100

74 16.6 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-615) (-)

Ion 74.00 (73.70 to 74.70): VU025661.D (-615) (-)



#20

Methylene Chloride

Concen: 16.99 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Tgt Ion: 84 Resp: 40779

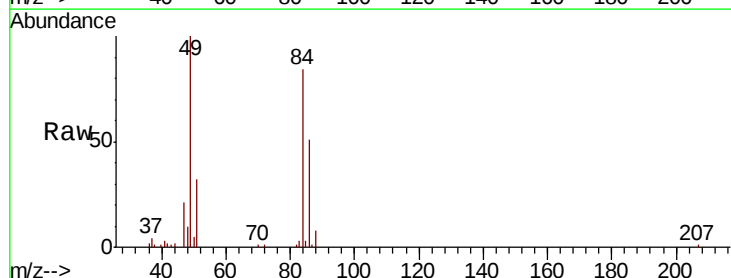
Ion Ratio Lower Upper

84 100

49 119.4 101.8 152.6

51 38.2 30.8 46.2

86 60.4 51.9 77.9

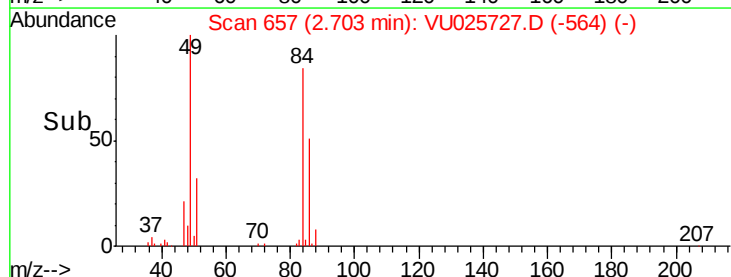
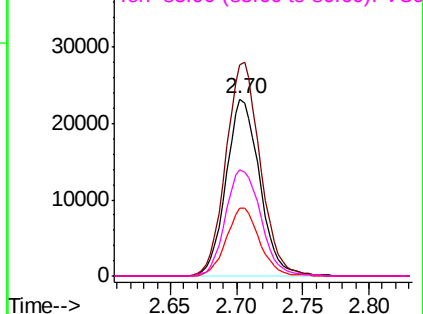


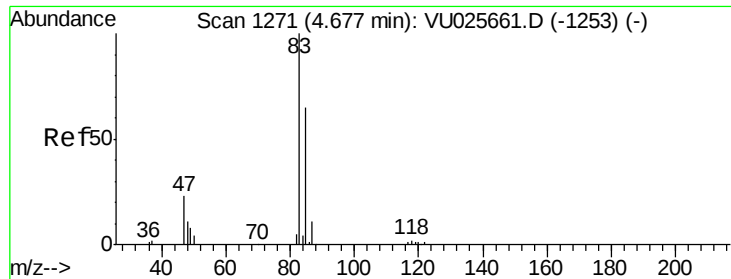
Abundance Ion 83.90 (83.60 to 84.60): VU025661.D (-643) (-)

Ion 48.90 (48.60 to 49.60): VU025661.D (-643) (-)

Ion 50.90 (50.60 to 51.60): VU025661.D (-643) (-)

Ion 85.90 (85.60 to 86.60): VU025661.D (-643) (-)

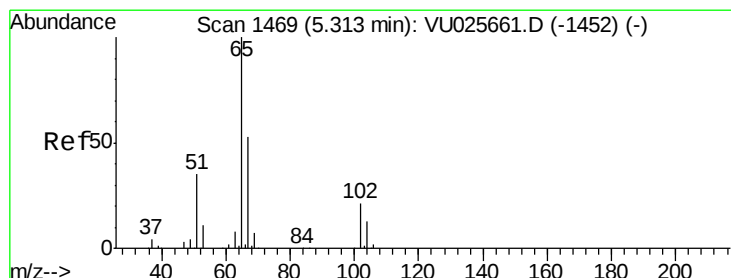
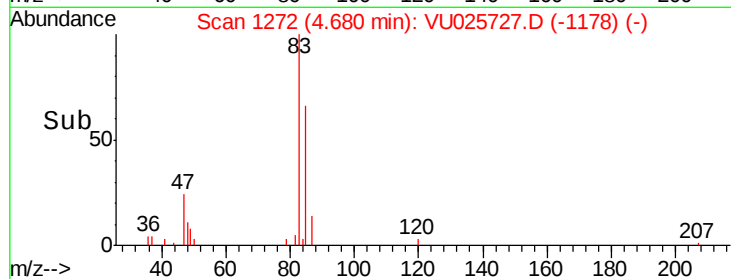
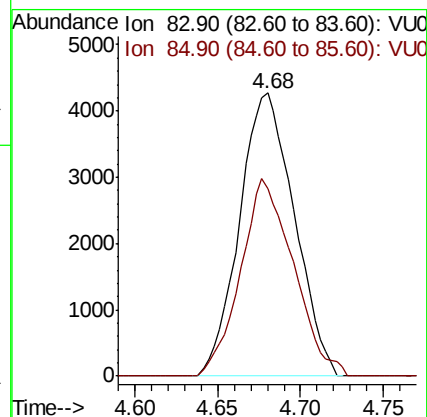
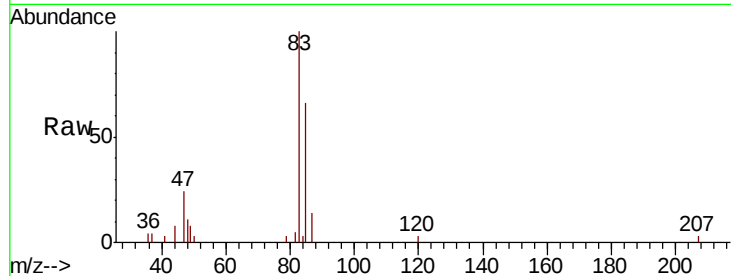




#30
Chloroform
Concen: 2.29 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

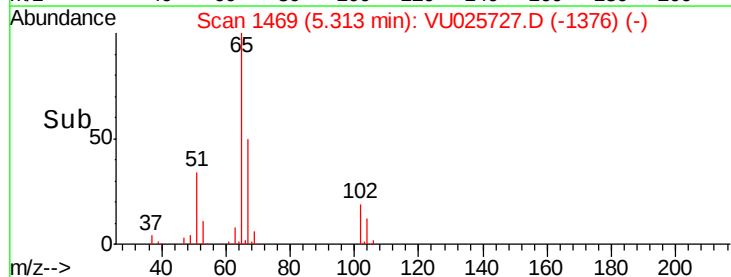
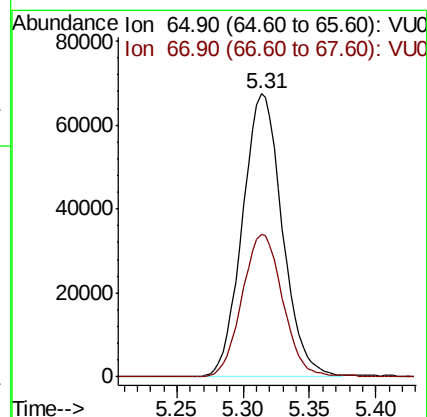
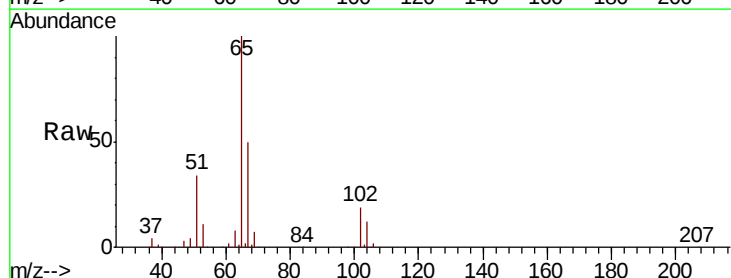
Instrument :
MSVOA_U
ClientSampleId :
TP-15-S

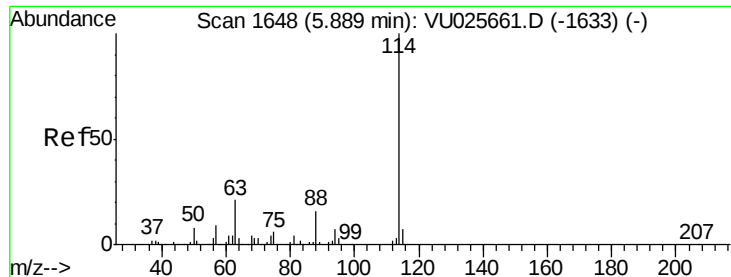
Tot Ion: 83 Resp: 9836
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 50.91 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion: 65 Resp: 141442
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.6

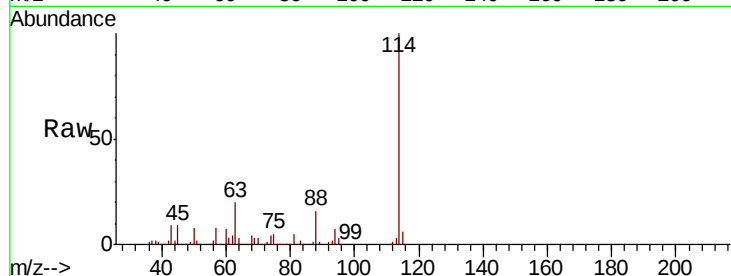




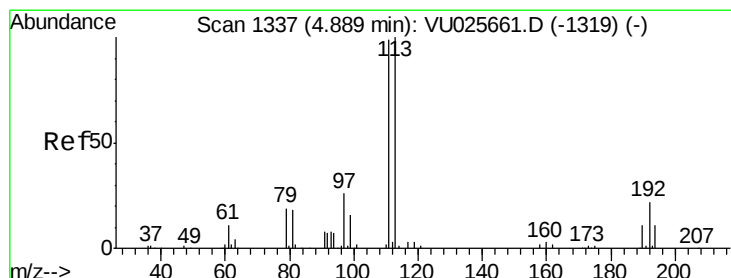
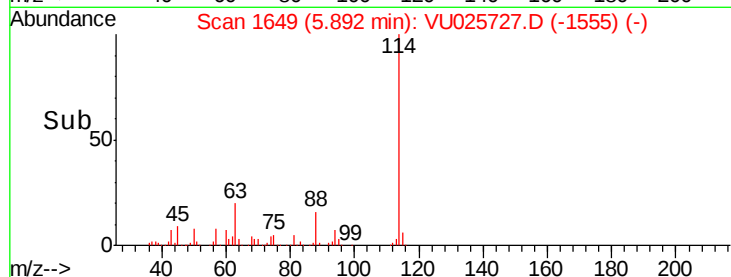
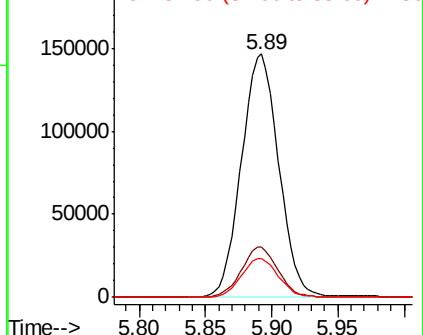
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-S

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.6
88	16.2	0.0	32.4

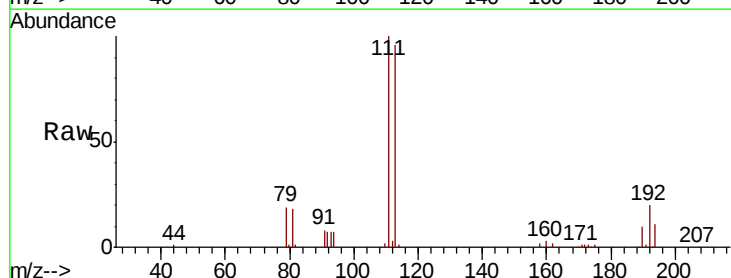


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

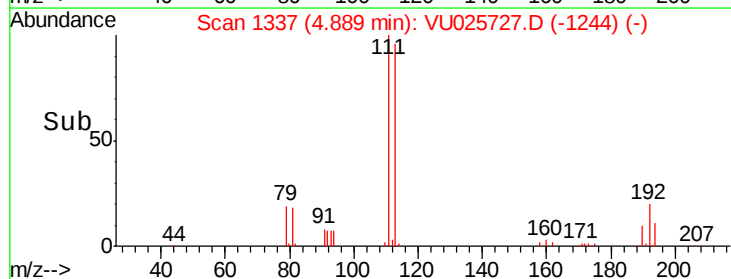
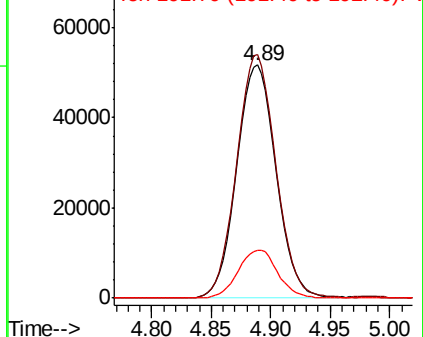


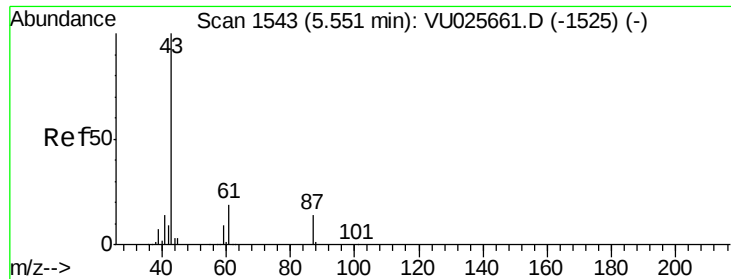
#35
 Dibromofluoromethane
 Concen: 47.48 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.7	122.5
192	20.6	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



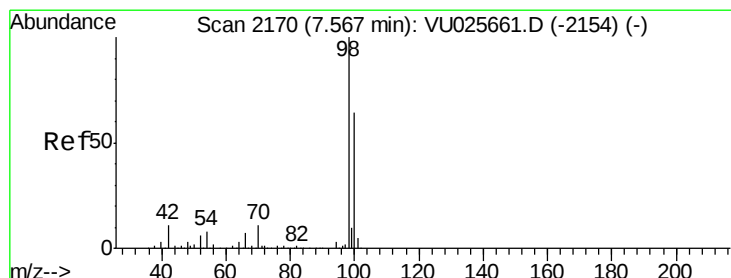
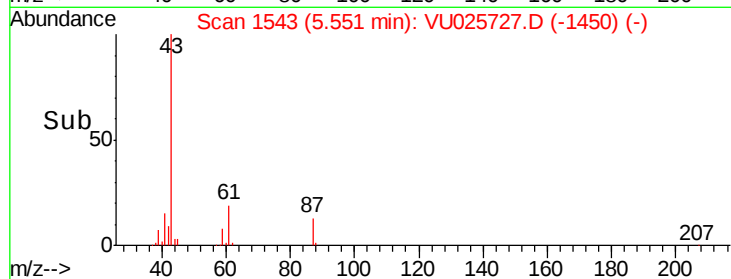
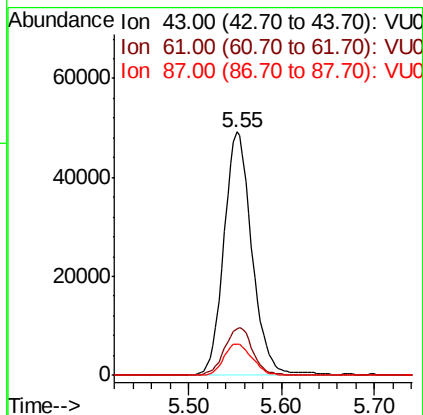
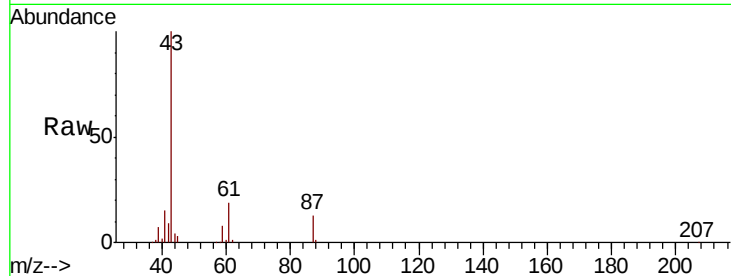


#43

Isopropyl Acetate
 Concen: 17.93 ug/l
 RT: 5.55 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-S

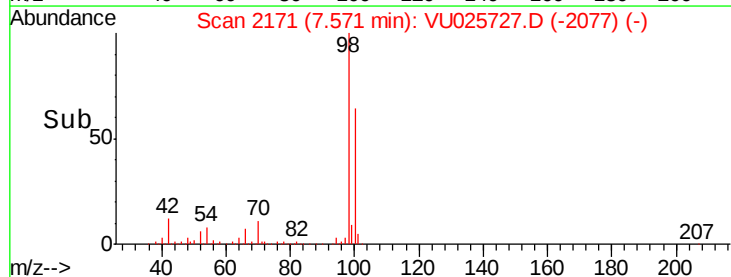
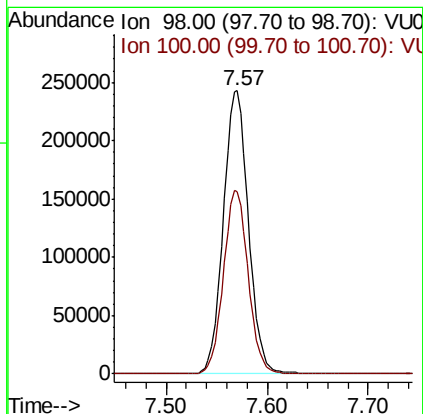
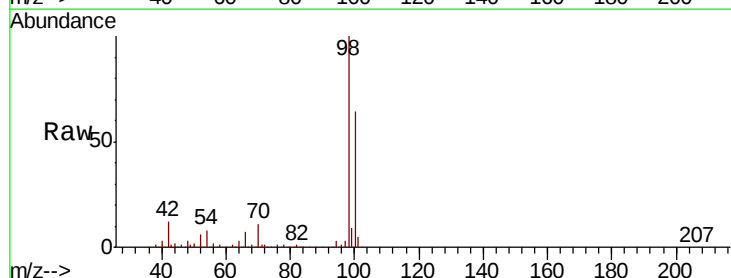
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.5	23.3
87	12.9	10.6	16.0

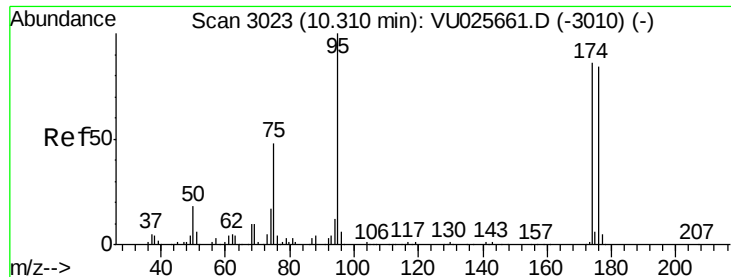


#50

Toluene-d8
 Concen: 48.23 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7

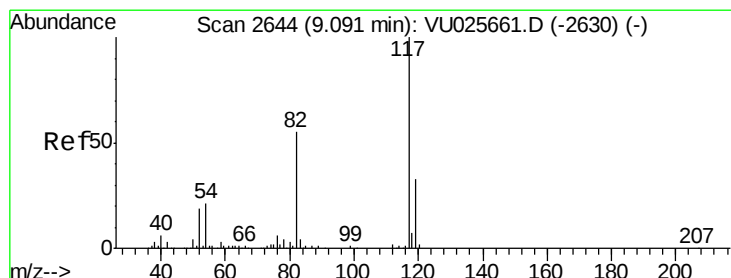
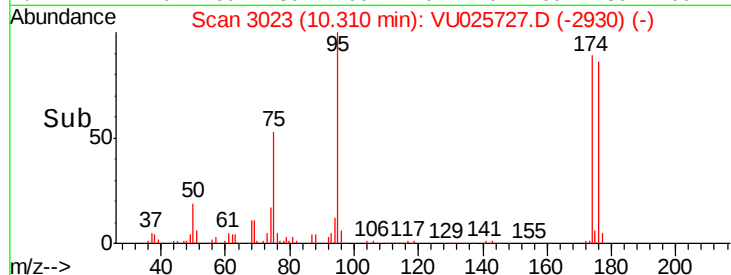
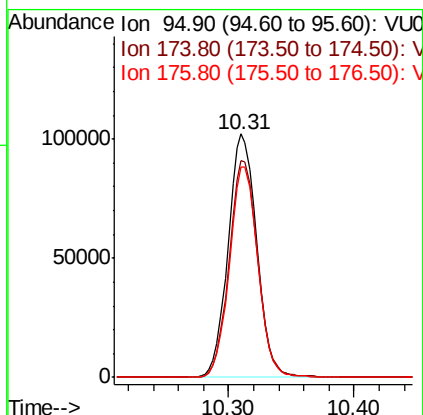
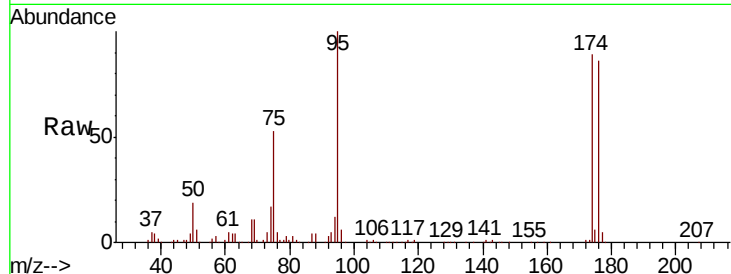




#62
4-Bromofluorobenzene
Concen: 47.51 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

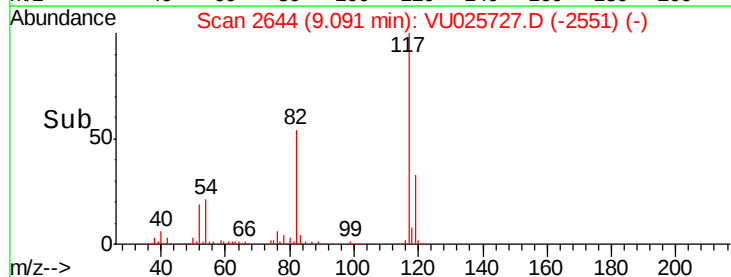
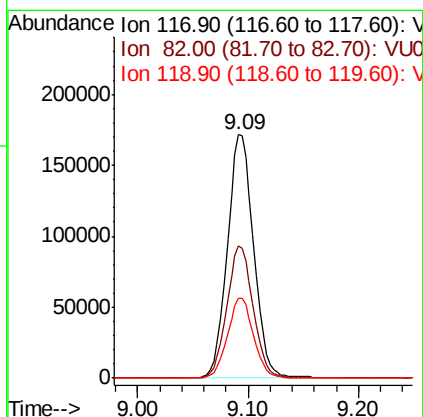
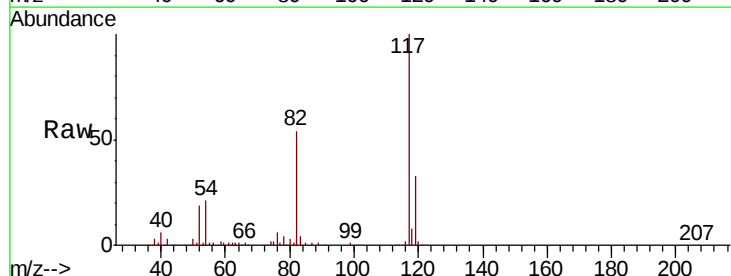
Instrument :
MSVOA_U
ClientSampleId :
TP-15-S

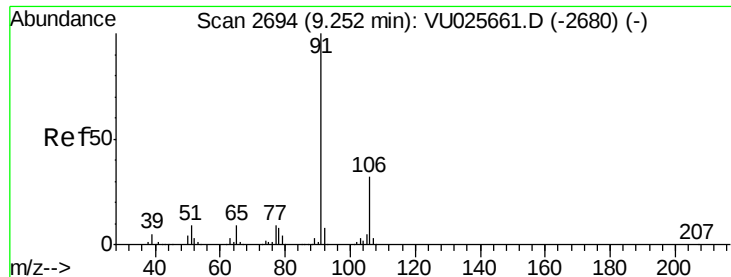
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	172.2
176	85.9	0.0	162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.0	69.0
119	32.7	26.0	39.0





#67

Ethyl Benzene

Concen: 1.07 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025727.D

Acq: 30 Jul 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

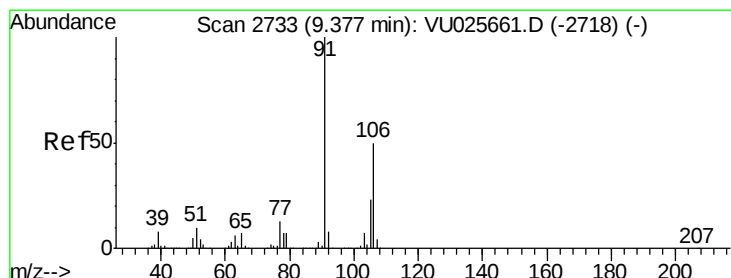
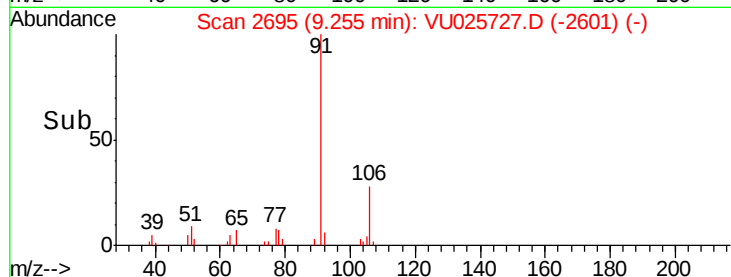
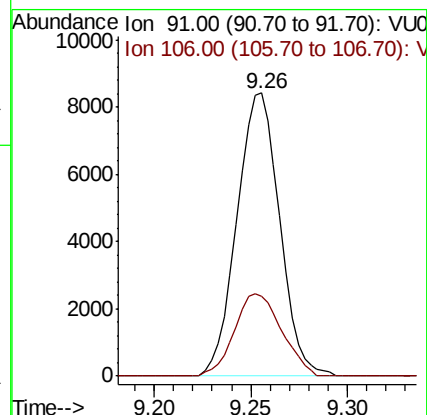
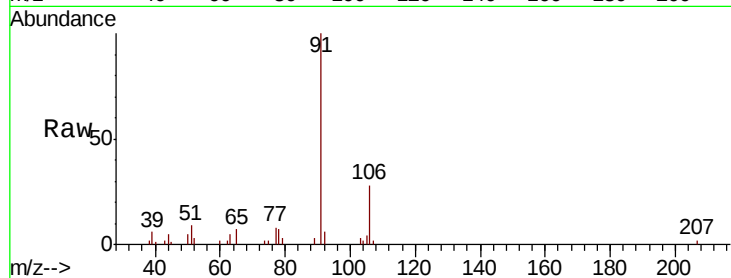
TP-15-S

Tot Ion: 91 Resp: 12904

Ion Ratio Lower Upper

91 100

106 28.0 25.3 37.9



#68

m/p-Xylenes

Concen: 2.96 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025727.D

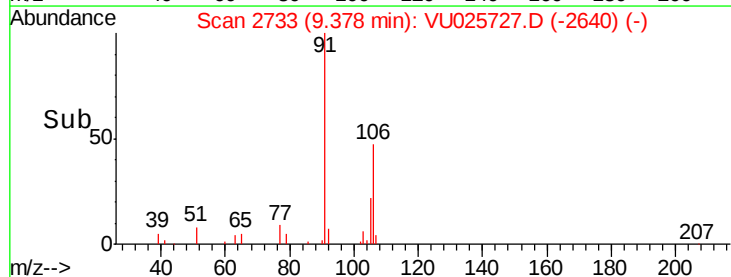
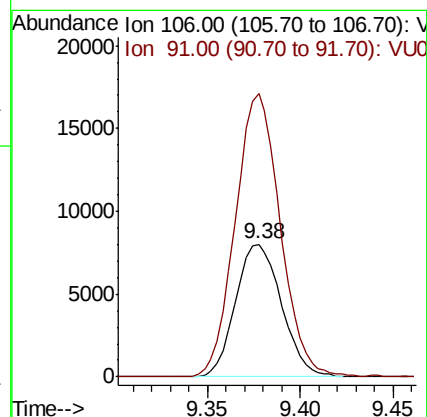
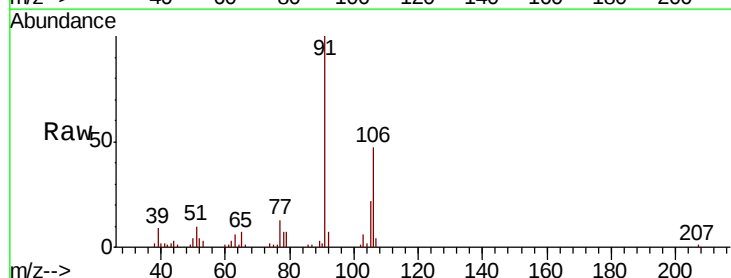
Acq: 30 Jul 2018 17:01

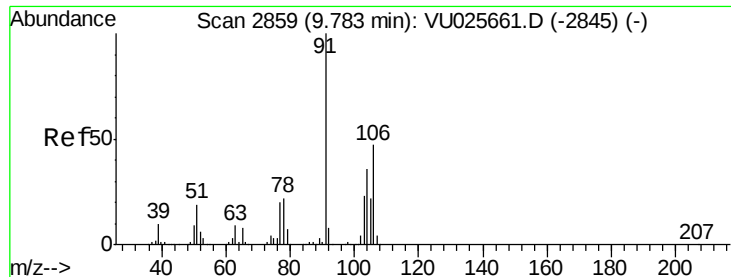
Tgt Ion: 106 Resp: 13752

Ion Ratio Lower Upper

106 100

91 209.3 162.3 243.5

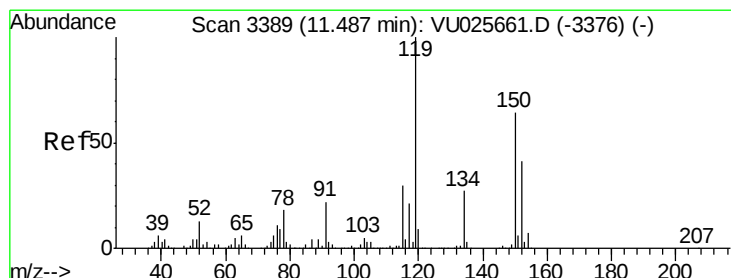
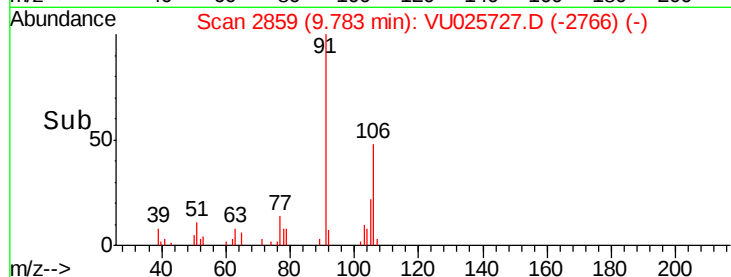
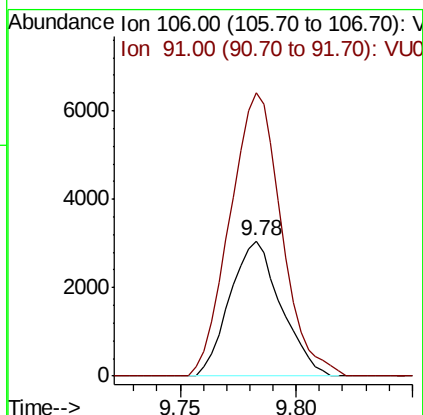
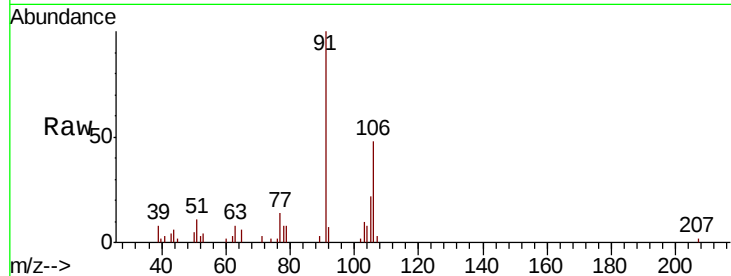




#69
o-Xylene
Concen: 1.03 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

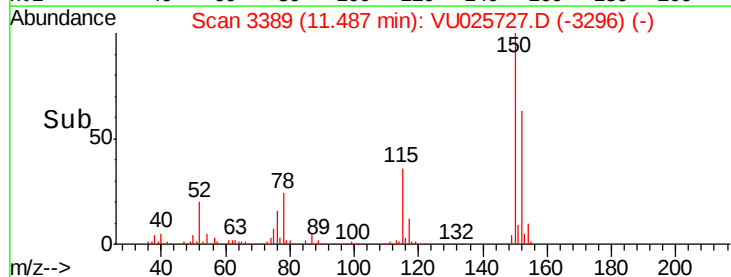
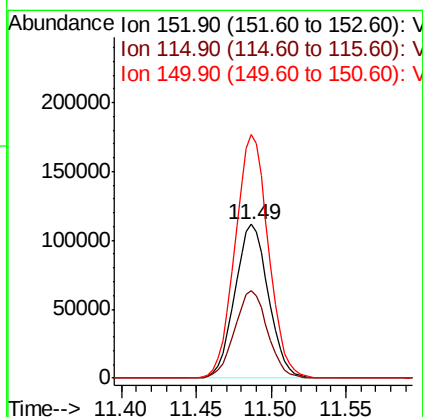
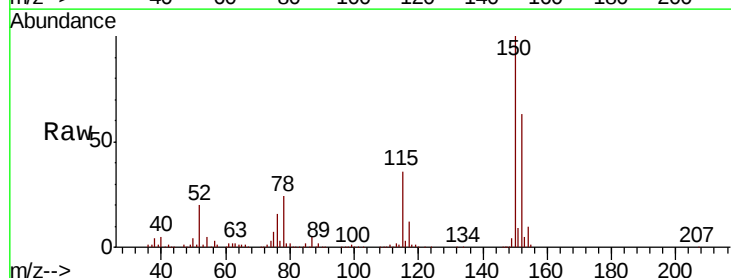
Instrument :
MSVOA_U
ClientSampleId :
TP-15-S

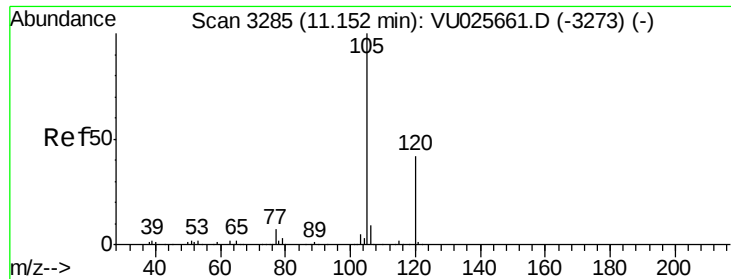
Tot Ion:106 Resp: 4682
Ion Ratio Lower Upper
106 100
91 211.1 105.3 315.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025727.D
Acq: 30 Jul 2018 17:01

Tgt Ion:152 Resp: 174139
Ion Ratio Lower Upper
152 100
115 56.1 40.1 120.3
150 157.2 0.0 351.4

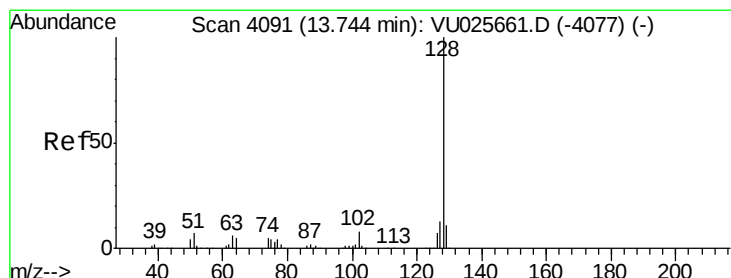
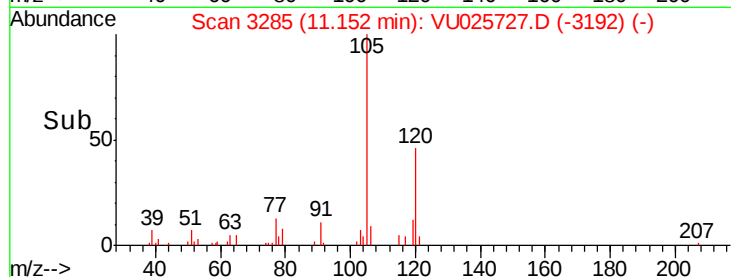
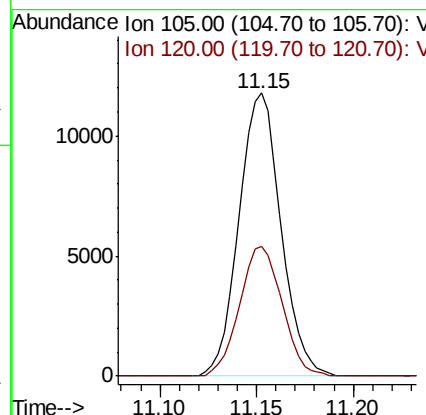
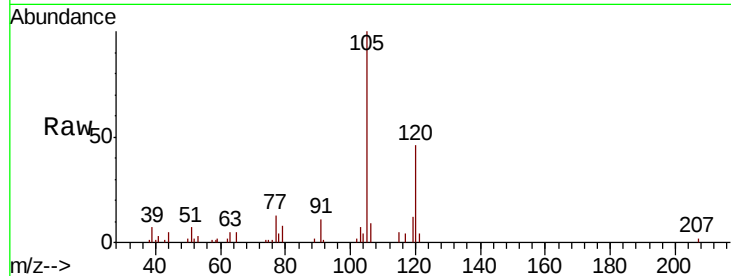




#84
 1,2,4-Trimethylbenzene
 Concen: 1.74 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-S

Tot Ion:105 Resp: 17755
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.3 66.8



#95
 Naphthalene
 Concen: 9.62 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025727.D
 Acq: 30 Jul 2018 17:01

Tgt Ion:128 Resp: 110931
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.5 15.7
 129 10.7 8.3 12.5

