

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\  
 Data File : VU025296.D  
 Acq On : 10 Jul 2018 18:06  
 Operator : MD/SY  
 Sample : J3898-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 SS038RW150-180704

**Manual Integrations**  
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 7/11/2018 5:05:54 PM

Quant Time: Jul 11 08:17:35 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	210122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311427	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157835	50.00	ug/l	0.00
<b>System Monitoring Compounds</b>						
33) 1,2-Dichloroethane-d4	5.31	65	156369	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	4.89	113	123318	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	7.57	98	454398	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	10.31	95	171755	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
<b>Target Compounds</b>						
16) Acetone	2.32	43	35551	25.79	ug/l	96
65) Chlorobenzene	9.12	112	30382	4.20	ug/l	98
73) Isopropylbenzene	10.17	105	48711	4.04	ug/l	99
83) tert-Butylbenzene	11.10	119	77530	7.56	ug/l	93
85) sec-Butylbenzene	11.33	105	215126	17.82	ug/l	93

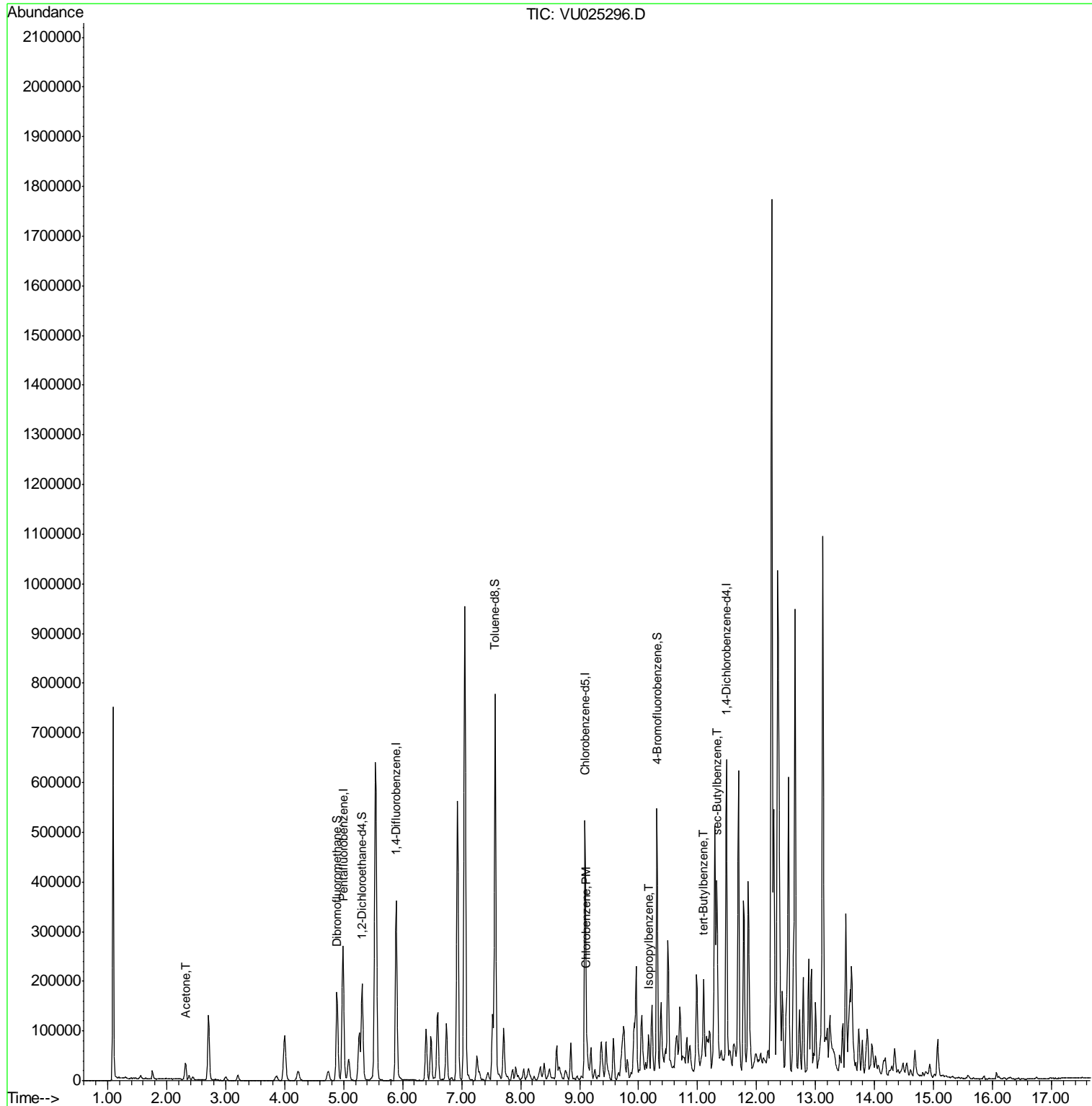
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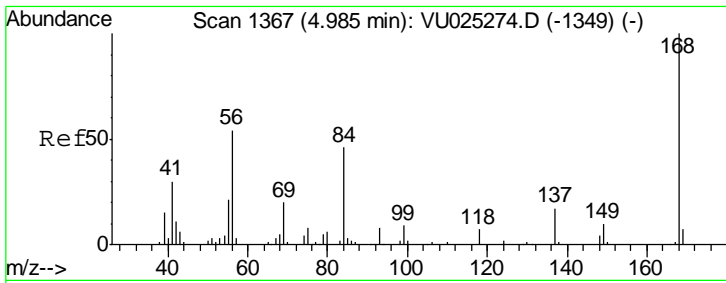
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\  
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Quant Time: Jul 11 08:17:35 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U070918W.M  
 Quant Title : SW846 8260  
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 Response via : Initial Calibration





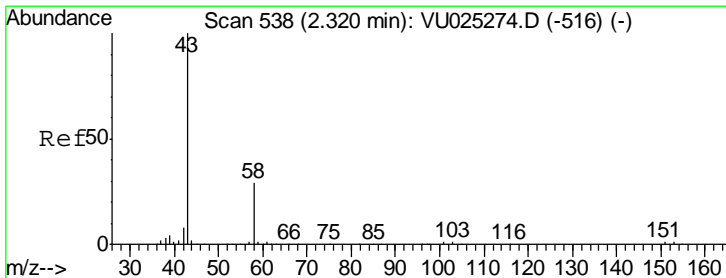
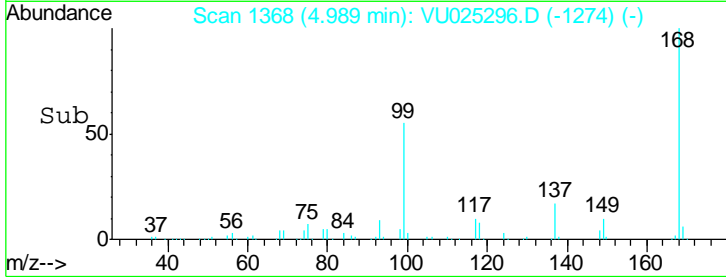
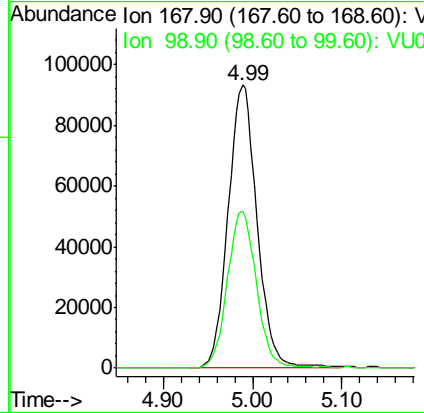
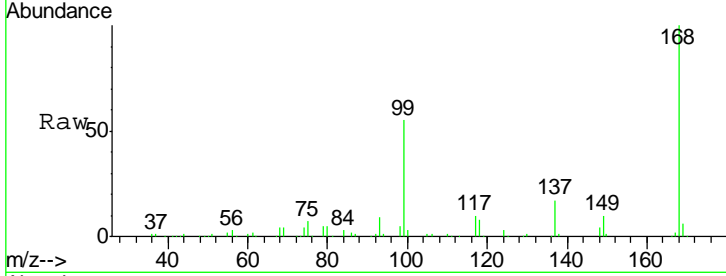
#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 4.99 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

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Tgt Ion	Resp	Lower	Upper
168	100		
99	55.2	42.8	64.2

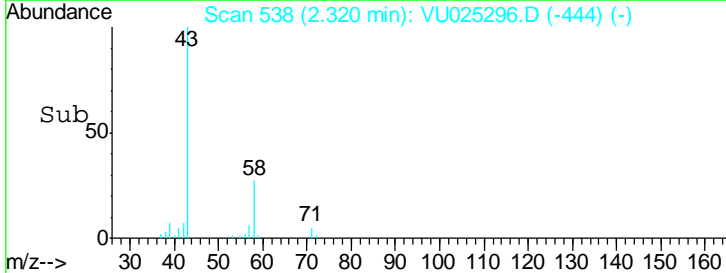
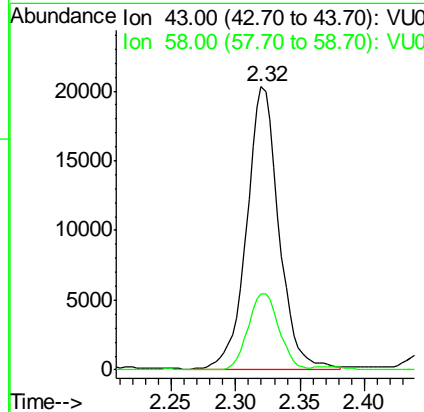
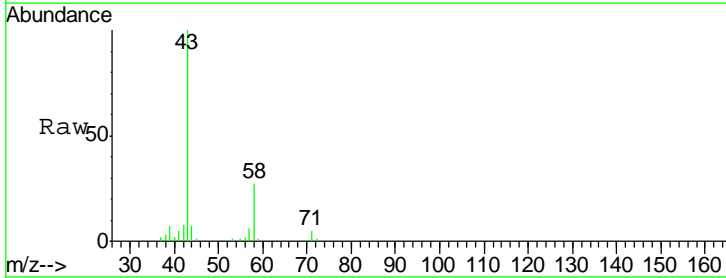
**Manual Integrations**  
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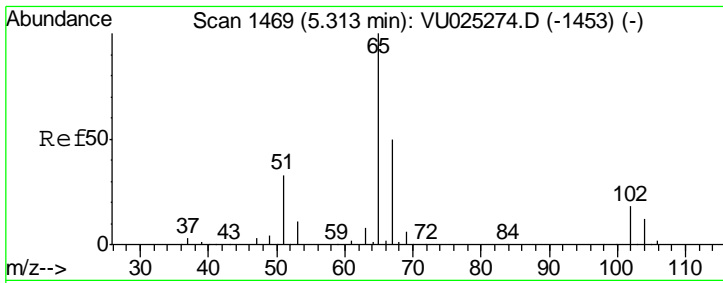
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#16  
 Acetone  
 Concen: 25.79 ug/l  
 RT: 2.32 min Scan# 538  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

Tgt Ion	Resp	Lower	Upper
43	100		
58	26.9	23.1	34.7





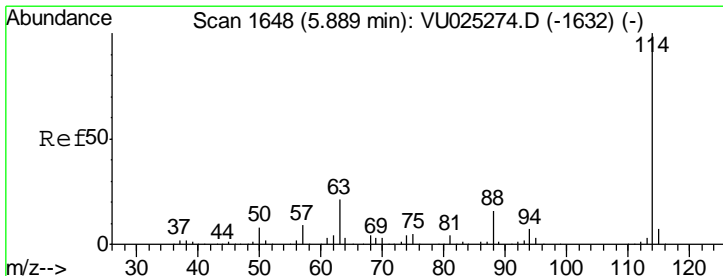
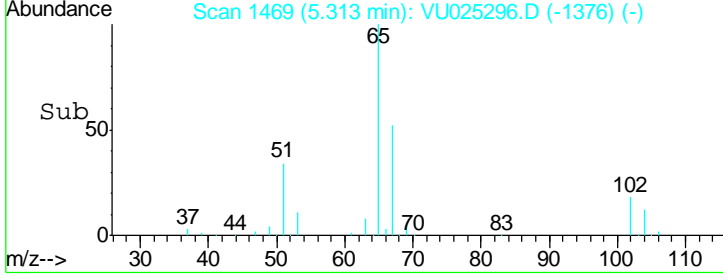
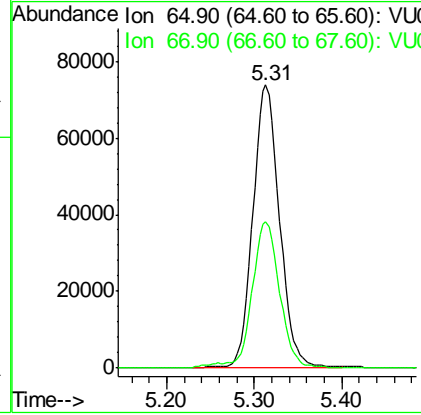
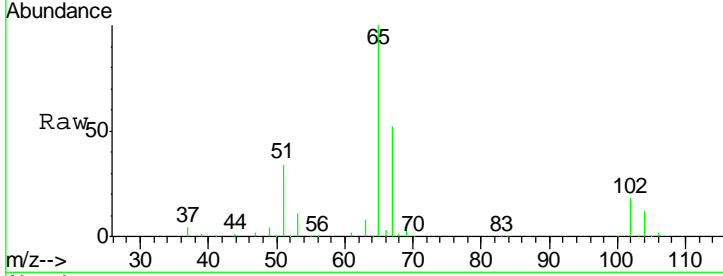
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.90 ug/l  
 RT: 5.31 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

Instrument : MSVOA\_U  
 ClientSampled : SS038RW150-180704

Tgt Ion: 65 Resp: 156369

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.6

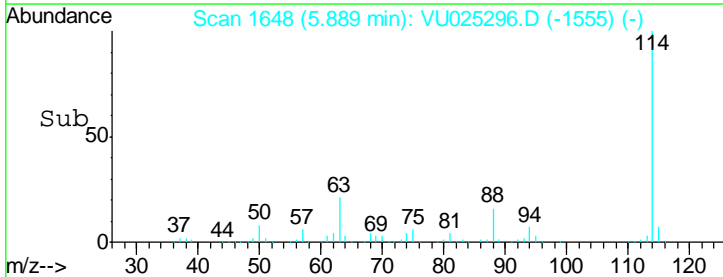
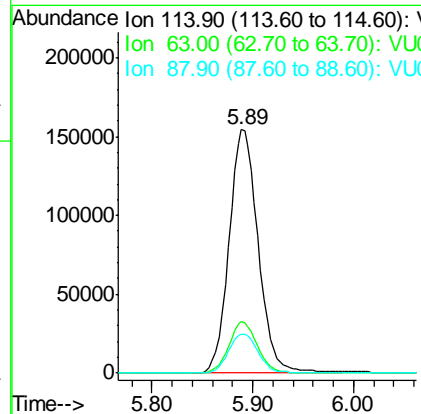
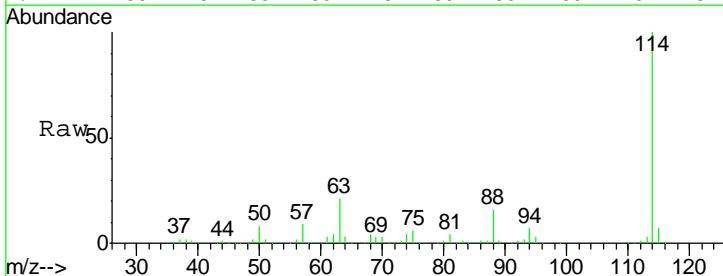
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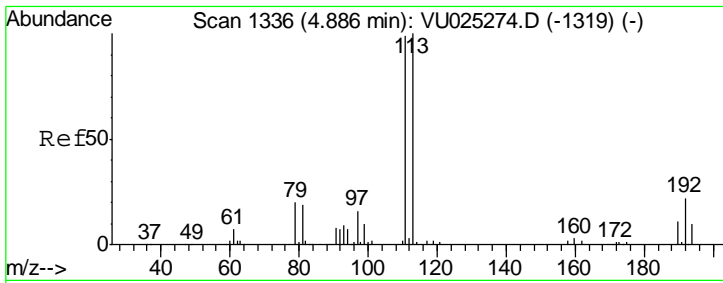


#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.89 min Scan# 1648  
 Delta R.T. -0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

Tgt Ion: 114 Resp: 311427

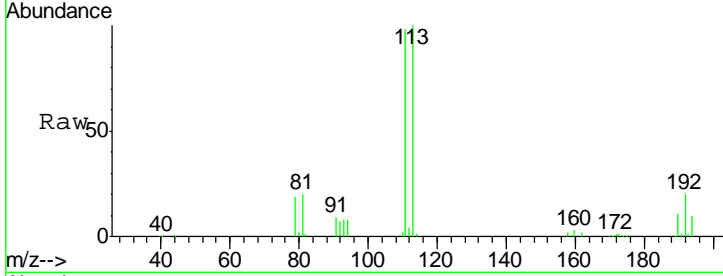
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	16.0	0.0	32.4





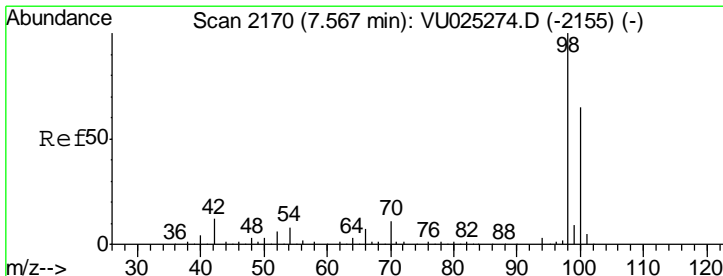
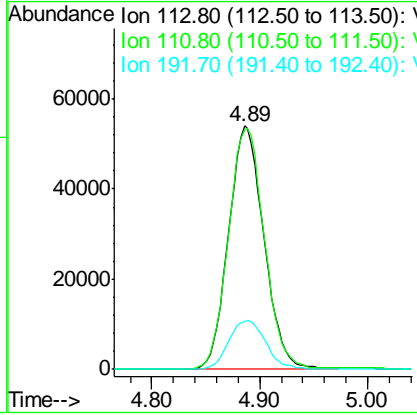
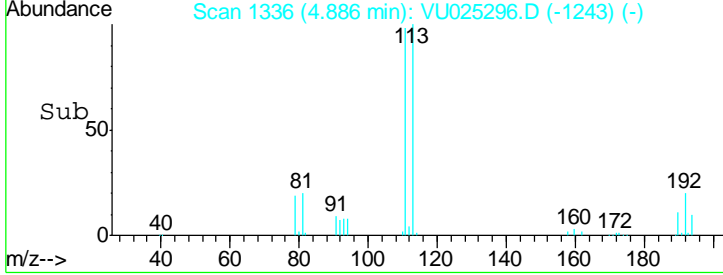
#35  
 Dibromofluoromethane  
 Concen: 46.94 ug/l  
 RT: 4.89 min Scan# 1336  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

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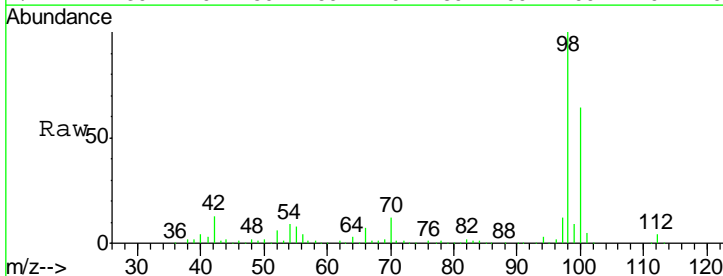


Tgt Ion	Resp	Lower	Upper
113	123318		
111	100.9	81.7	122.5
192	21.0	17.1	25.7

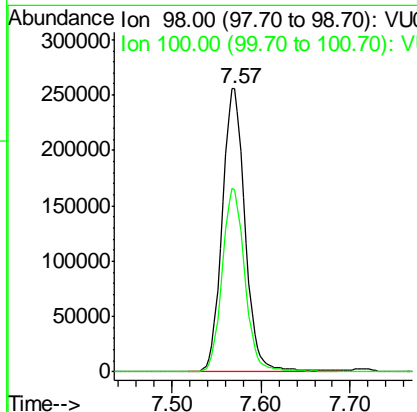
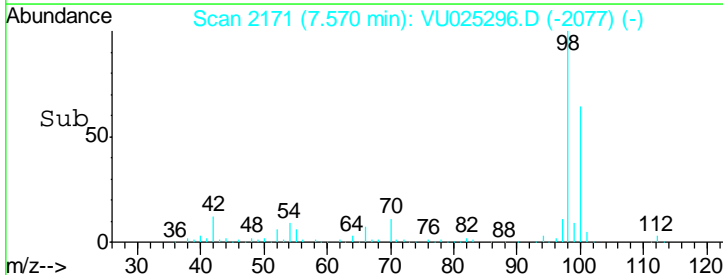
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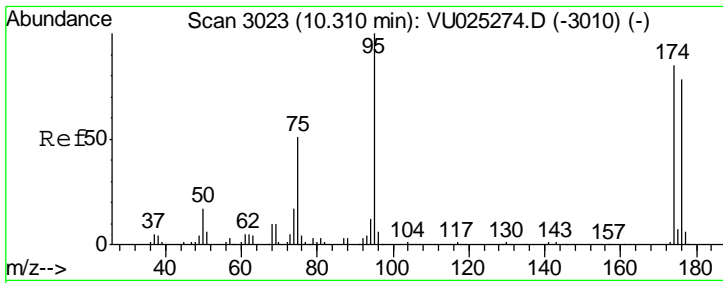


#50  
 Toluene-d8  
 Concen: 50.51 ug/l  
 RT: 7.57 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06



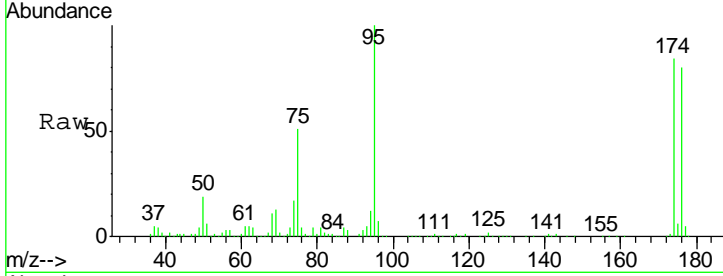
Tgt Ion	Resp	Lower	Upper
98	454398		
100	63.9	51.1	76.7





#62  
 4-Bromofluorobenzene  
 Concen: 47.42 ug/l  
 RT: 10.31 min Scan# 3023  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

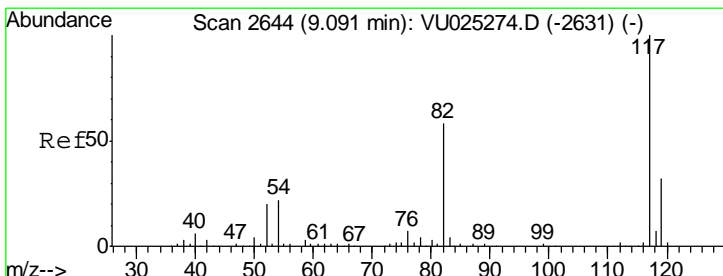
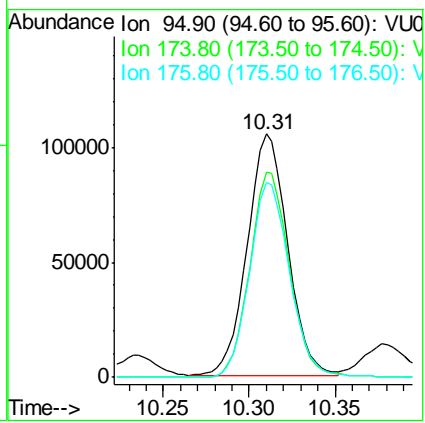
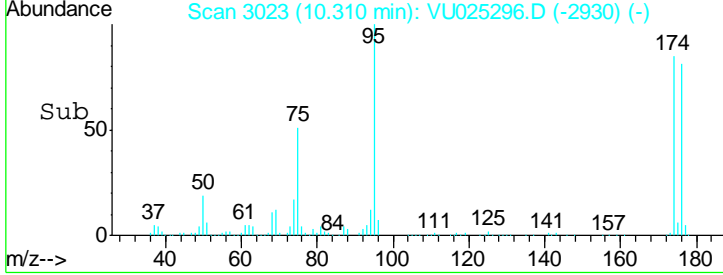
Instrument : MSVOA\_U  
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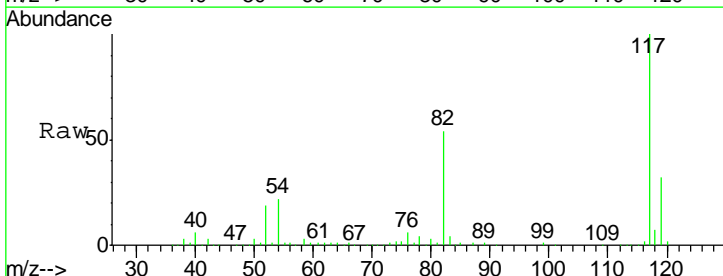
Tot Ion: 95 Resp: 171755

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	172.2
176	80.4	0.0	162.6

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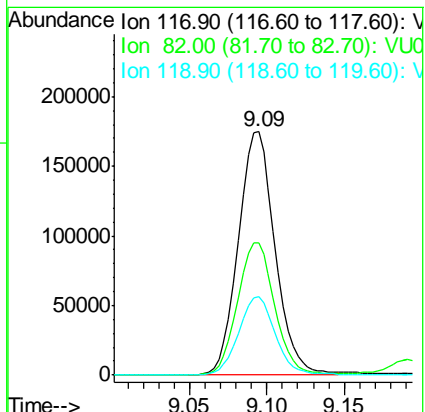
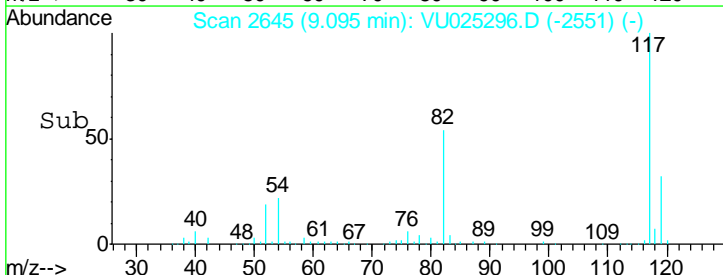


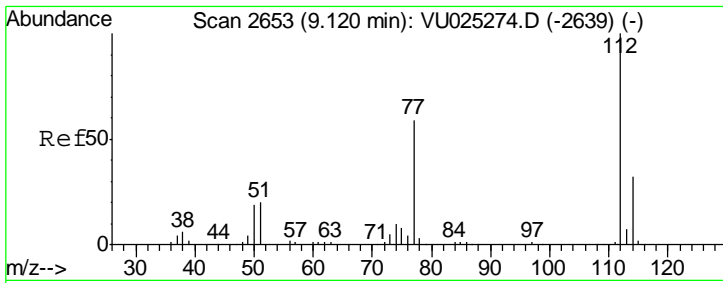
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.09 min Scan# 2645  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06



Tgt Ion: 117 Resp: 289271

Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.0	69.0
119	32.3	26.0	39.0



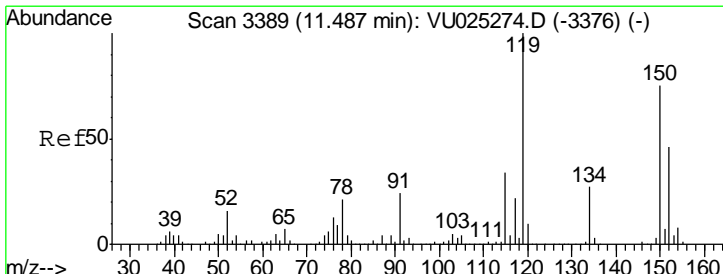
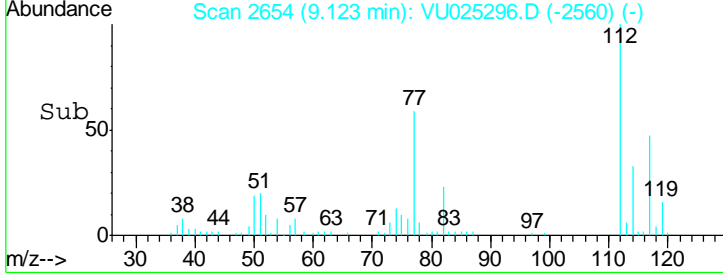
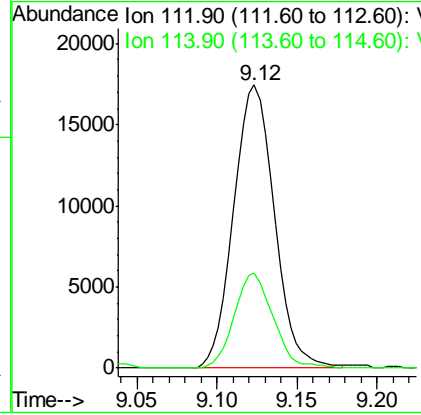
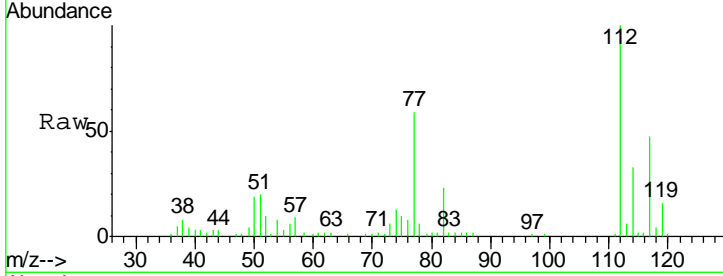


#65  
 Chlorobenzene  
 Concen: 4.20 ug/l  
 RT: 9.12 min Scan# 2654  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

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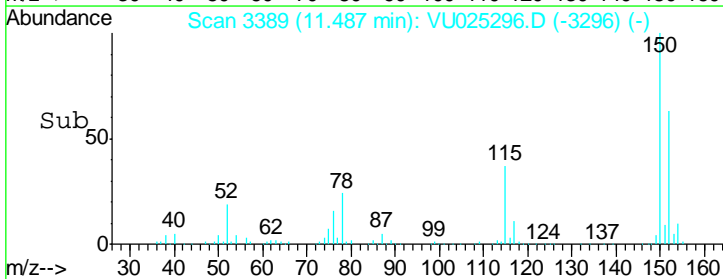
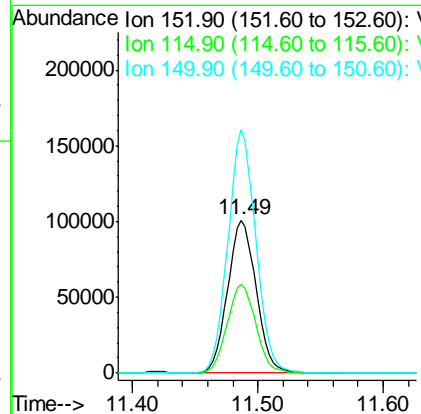
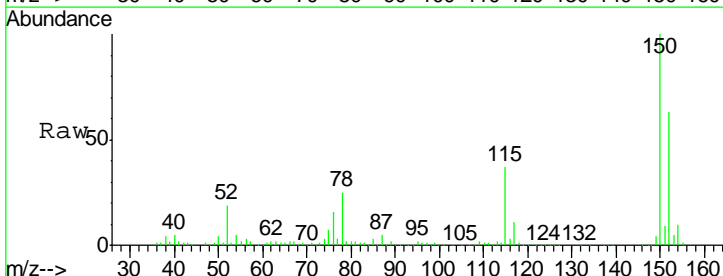
Tgt Ion	Resp	Lower	Upper
112	30382		
114	33.4	25.8	38.8

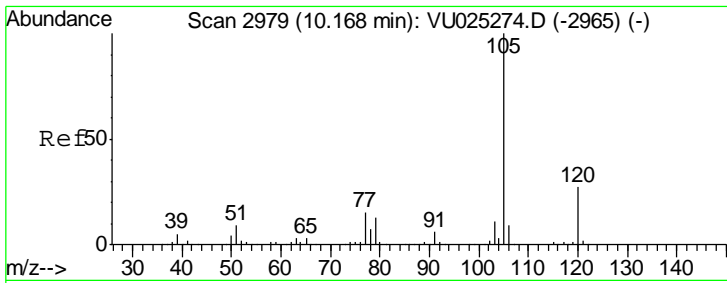
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#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.49 min Scan# 3389  
 Delta R.T. -0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

Tgt Ion	Resp	Lower	Upper
152	157835		
115	58.6	40.1	120.3
150	157.1	0.0	351.4



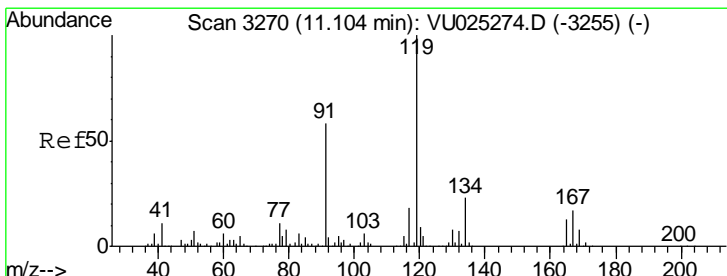
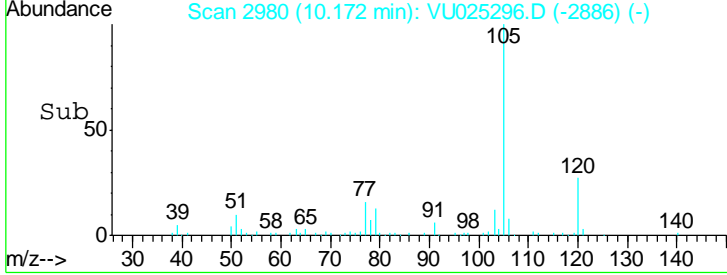
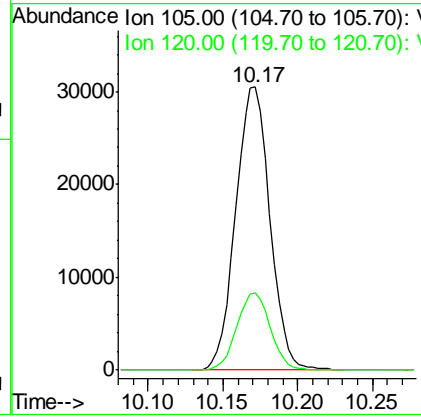
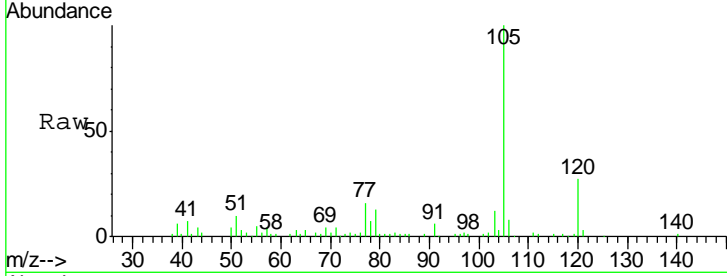


#73  
 Isopropylbenzene  
 Concen: 4.04 ug/l  
 RT: 10.17 min Scan# 2980  
 Delta R.T. 0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

Instrument : MSVOA\_U  
 Client Sampled : SS038RW150-180704

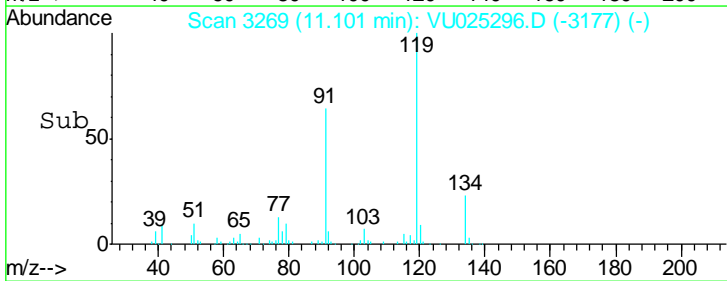
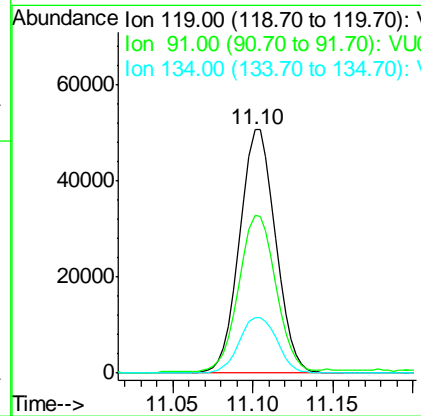
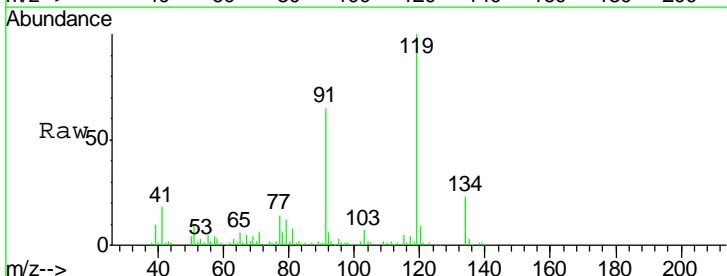
Tgt Ion	Resp	Lower	Upper
105	48711		
120	26.7	13.5	40.5

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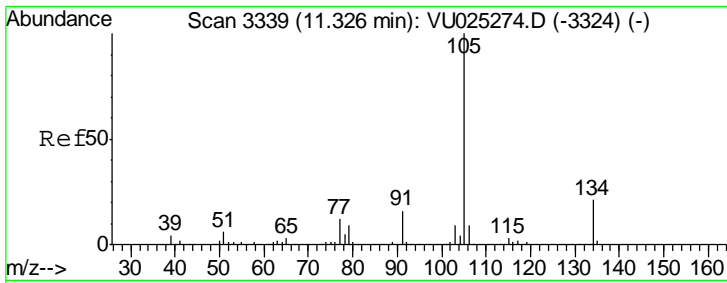


#83  
 tert-Butylbenzene  
 Concen: 7.56 ug/l  
 RT: 11.10 min Scan# 3269  
 Delta R.T. -0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

Tgt Ion	Resp	Lower	Upper
119	77530		
91	65.8	29.7	89.1
134	23.9	11.5	34.5

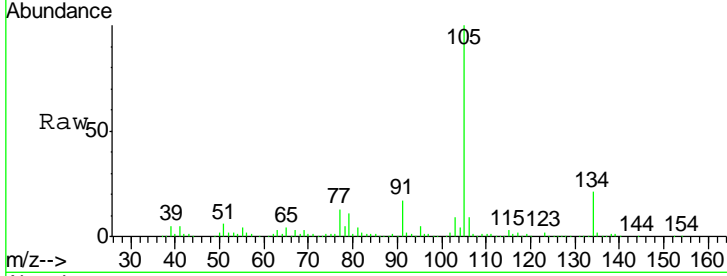






#85  
 sec-Butylbenzene  
 Concen: 17.82 ug/l  
 RT: 11.33 min Scan# 3339  
 Delta R.T. -0.00 min  
 Lab File: VU025296.D  
 Acq: 10 Jul 2018 18:06

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Tot Ion	Ion	Ratio	Lower	Upper	Resp
215126	105	100			
	134	17.3	10.3	30.8	

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