

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025612.D
 Acq On : 23 Jul 2018 19:28
 Operator : MD/SY
 Sample : J4072-05MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JJ1T3MS

Quant Time: Jul 24 03:04:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 24 02:07:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	301777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	164178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70331	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.10%
7) Chloroethane-d5	1.68	69	63942	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.78%
11) 1,1-Dichloroethene-d2	2.28	63	162989	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
21) 2-Butanone-d5	4.18	46	170022	117.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.58%
24) Chloroform-d	4.65	84	183763	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.31	65	129665	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.35	84	361724	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.34	67	118160	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.57	98	337301	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.85	79	57770	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.70%
47) 2-Hexanone-d5	8.31	63	131832	126.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.25%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174109	49.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	159905	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

Target Compounds

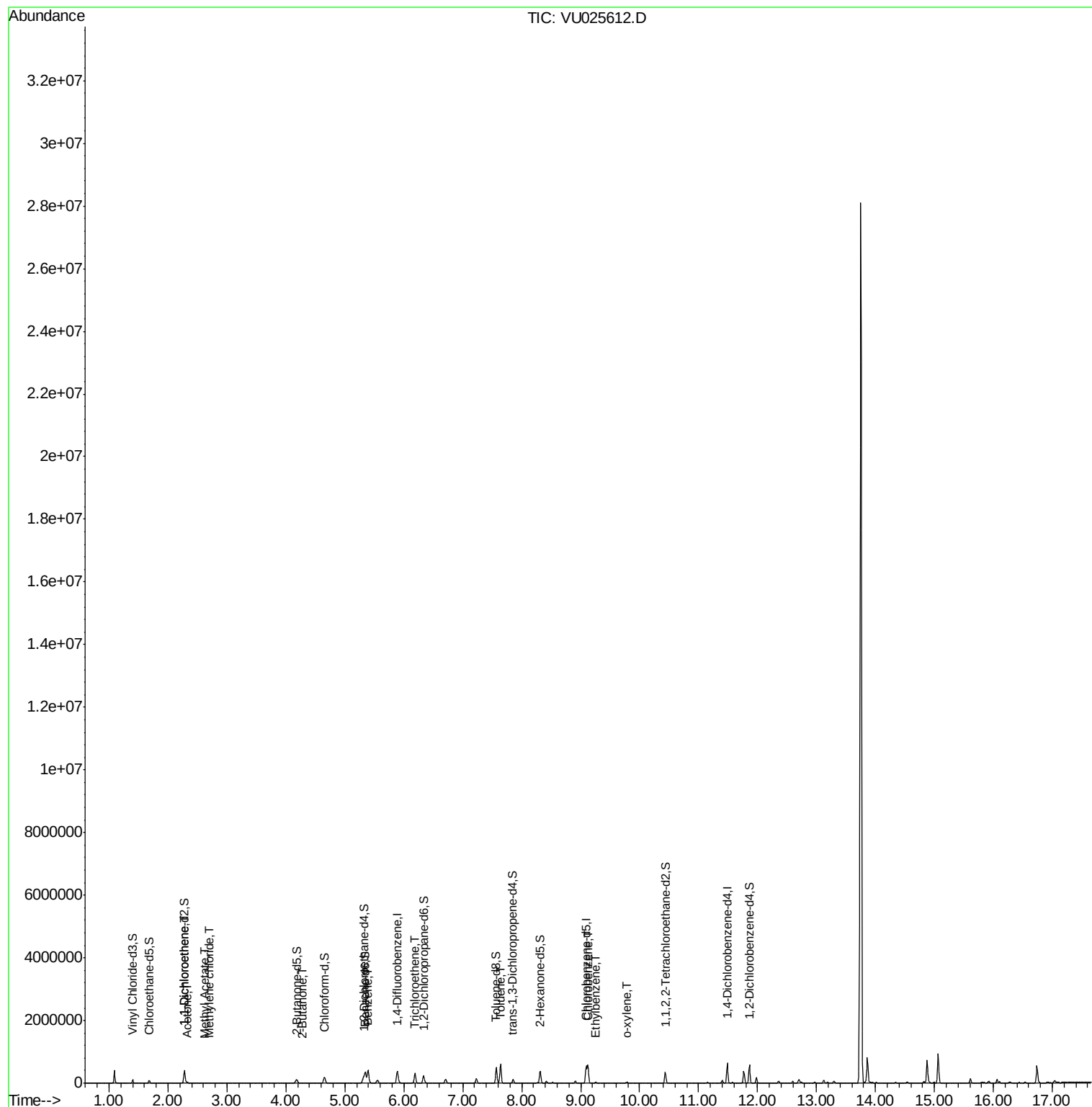
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	82249	44.42	ug/L	96
13) Acetone	2.32	43	24419	14.39	ug/L	97
15) Methyl Acetate	2.62	43	5827	2.48	ug/L	99
16) Methylene chloride	2.70	84	5240	2.27	ug/L	96
22) 2-Butanone	4.27	43	8975	4.75	ug/L	75
33) Benzene	5.39	78	404863	46.69	ug/L	100
34) Trichloroethene	6.19	95	107508	46.73	ug/L	96
42) Toluene	7.64	91	444506	47.54	ug/L	99
51) Chlorobenzene	9.12	112	302625	48.07	ug/L	98
52) Ethylbenzene	9.25	91	25216	2.44	ug/L	99
54) o-xylene	9.78	106	6929	1.73	ug/L	97

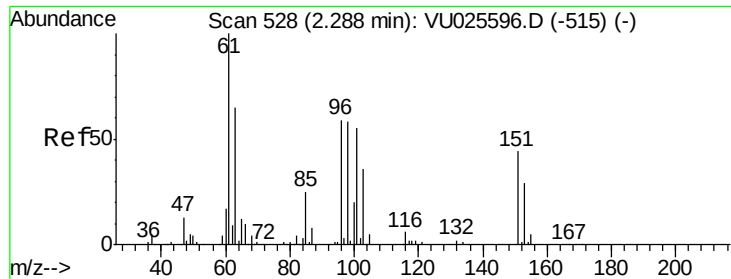
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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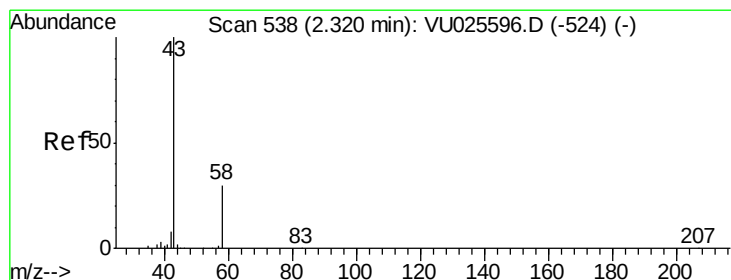
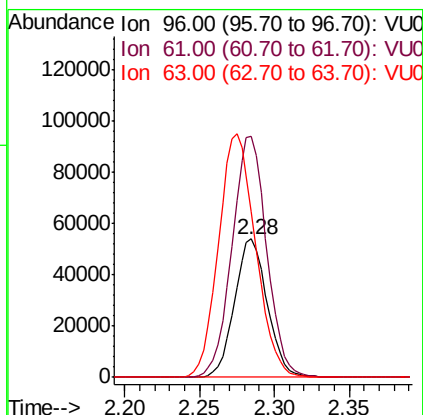
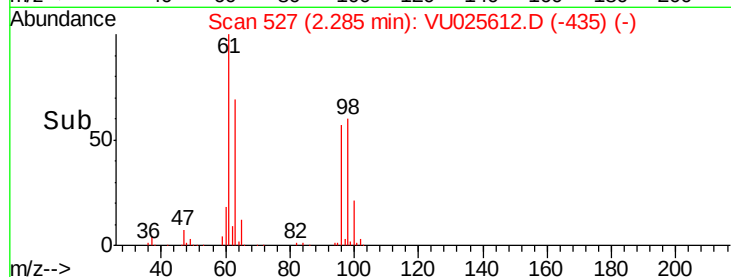
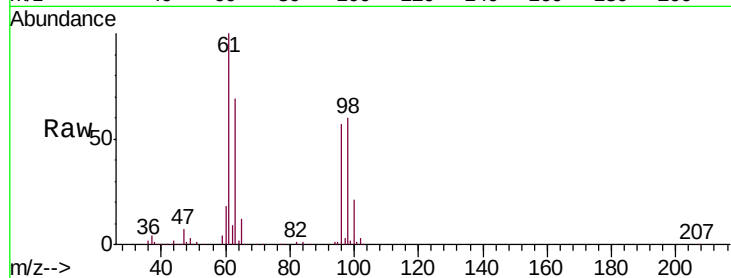




#12
 1,1-Dichloroethene
 Concen: 44.42 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025612.D
 Acq: 23 Jul 2018 19:28

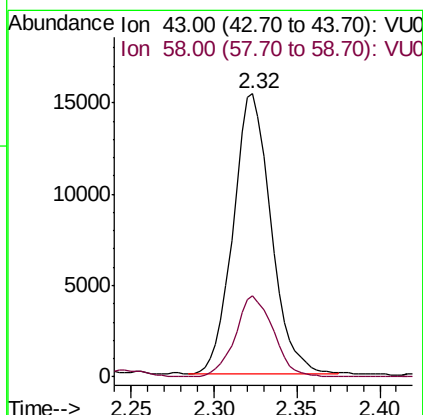
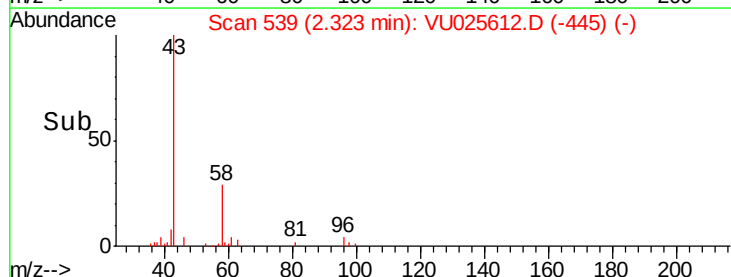
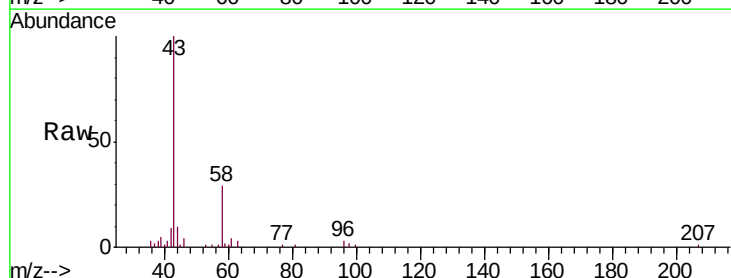
Instrument :
 MSVOA_U
 ClientSampleId :
 JJ1T3MS

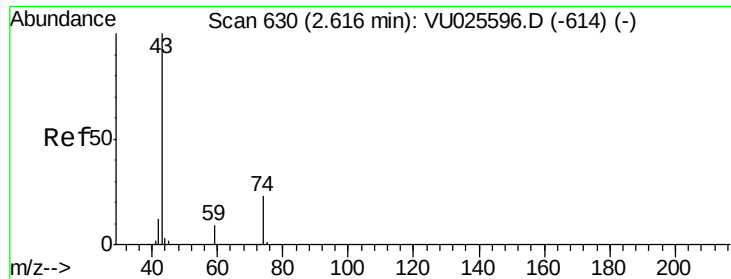
Tot Ion: 96 Resp: 82249
 Ion Ratio Lower Upper
 96 100
 61 174.1 122.5 227.5
 63 119.7 90.9 168.9



#13
 Acetone
 Concen: 14.39 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025612.D
 Acq: 23 Jul 2018 19:28

Tgt Ion: 43 Resp: 24419
 Ion Ratio Lower Upper
 43 100
 58 29.2 0.0 61.2

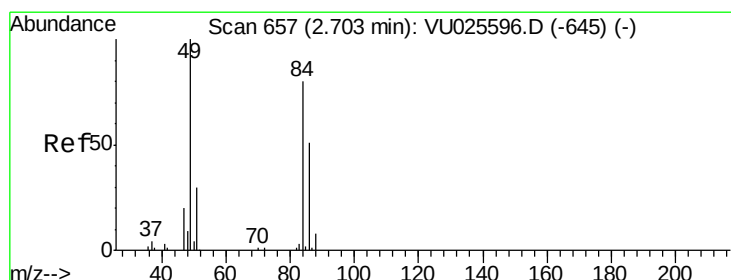
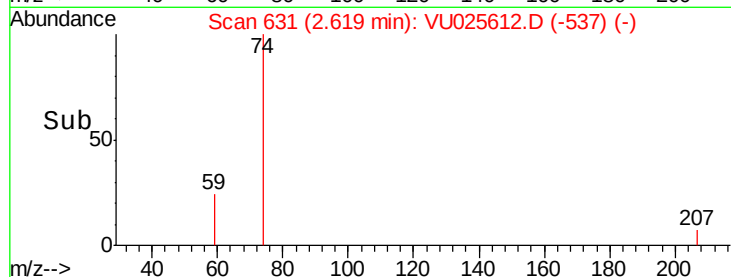
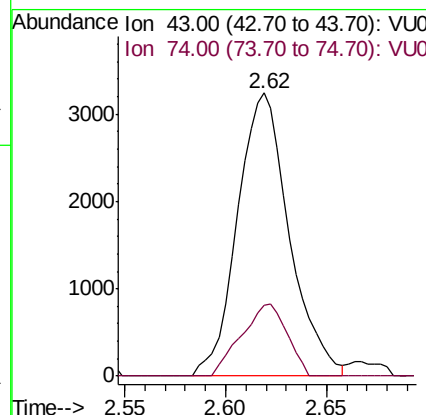
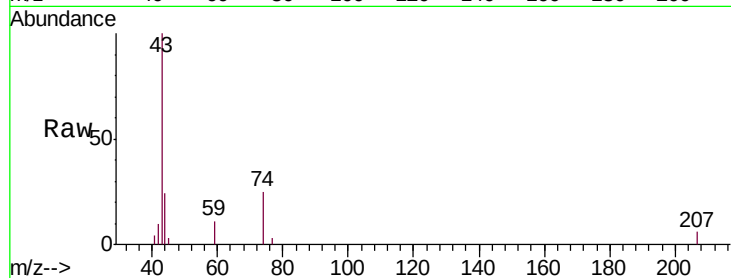




#15
Methyl Acetate
Concen: 2.48 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

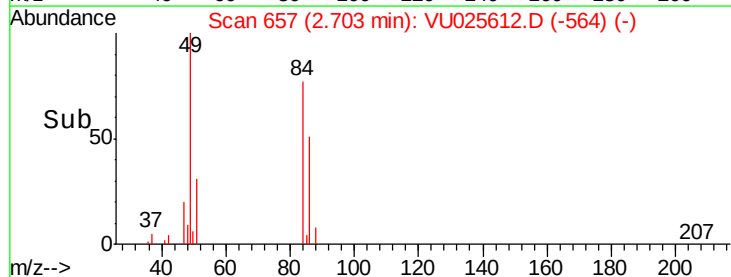
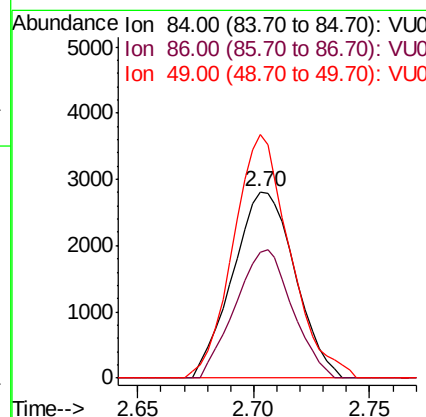
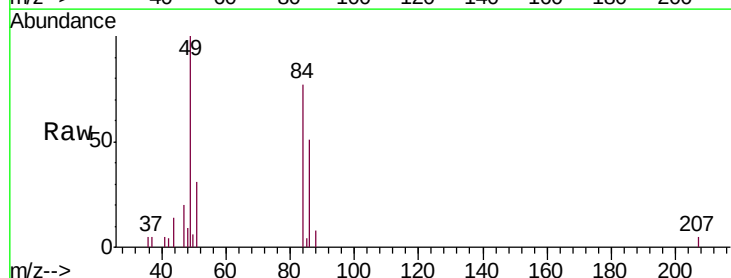
Instrument :
MSVOA_U
ClientSampled :
JJ1T3MS

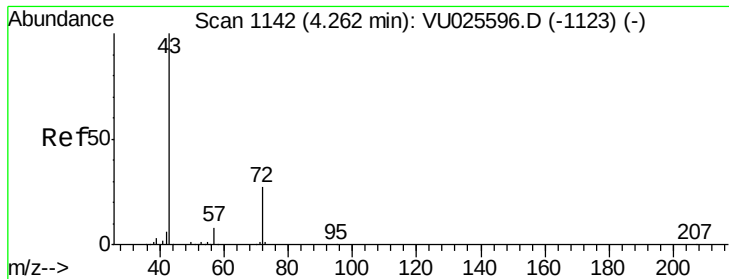
Tot Ion: 43 Resp: 5827
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5



#16
Methylene chloride
Concen: 2.27 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion: 84 Resp: 5240
Ion Ratio Lower Upper
84 100
86 67.2 45.6 84.6
49 130.5 87.0 161.6





#22

2-Butanone

Concen: 4.75 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU025612.D

Acq: 23 Jul 2018 19:28

Instrument :

MSVOA_U

ClientSampleId :

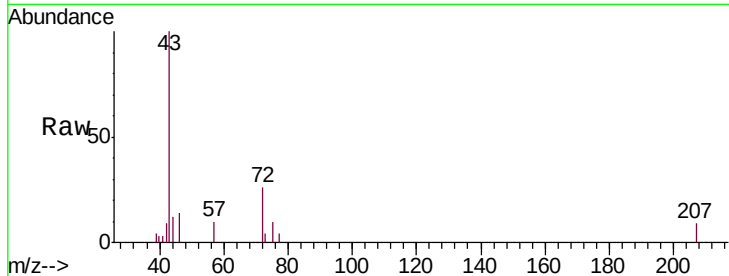
JJ1T3MS

Tot Ion: 43 Resp: 8975

Ion Ratio Lower Upper

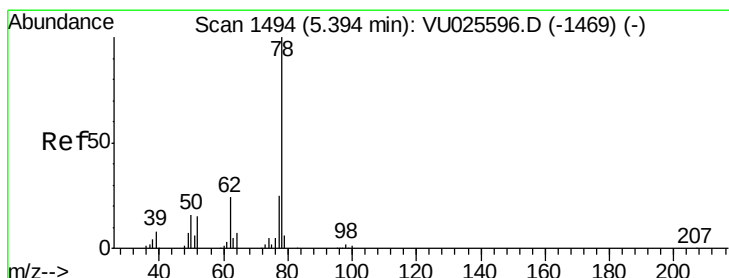
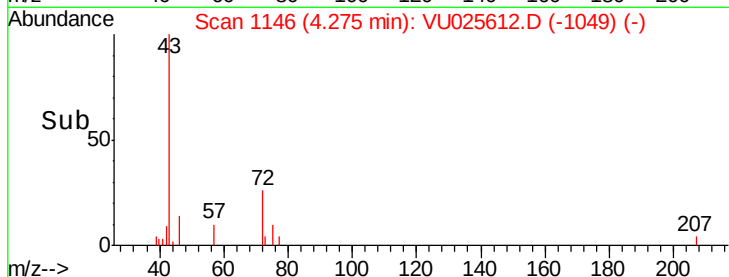
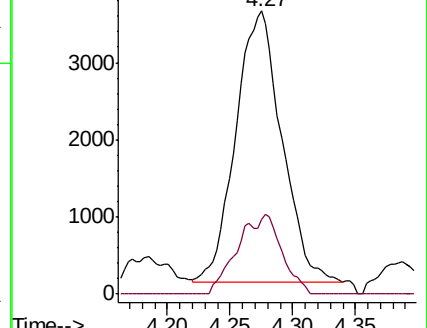
43 100

72 14.2 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VU025596.D (-1123) (-)

Ion 72.00 (71.70 to 72.70): VU025596.D (-1123) (-)



#33

Benzene

Concen: 46.69 ug/L

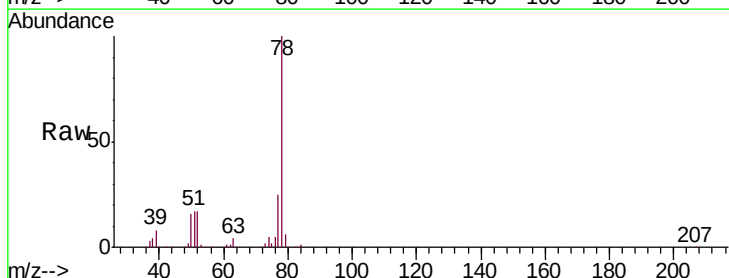
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025612.D

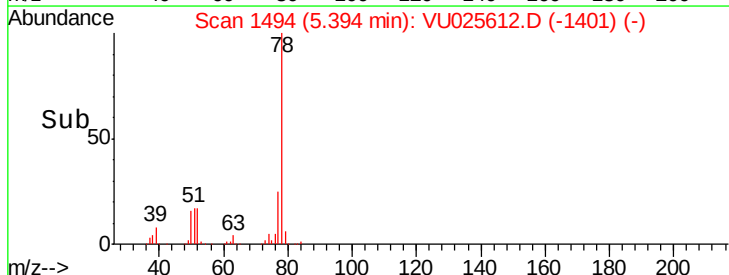
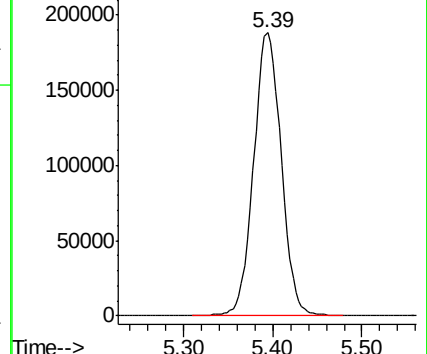
Acq: 23 Jul 2018 19:28

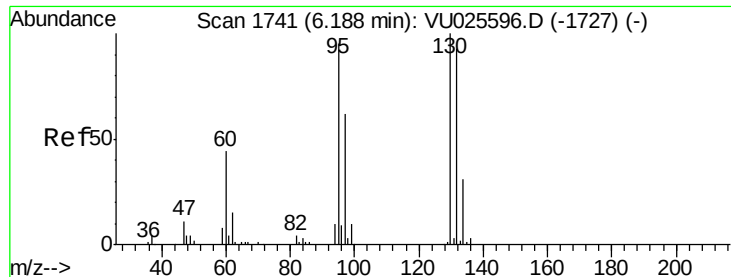
Tgt Ion: 78 Resp: 404863



Abundance Ion 78.00 (77.70 to 78.70): VU025596.D (-1469) (-)

Ion 51.00 (50.70 to 51.70): VU025596.D (-1469) (-)

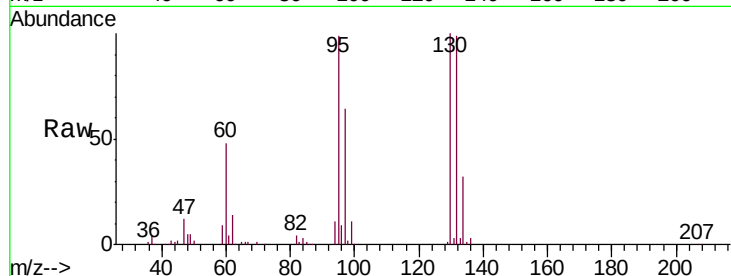




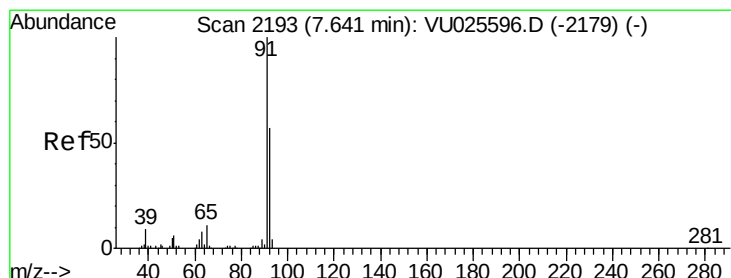
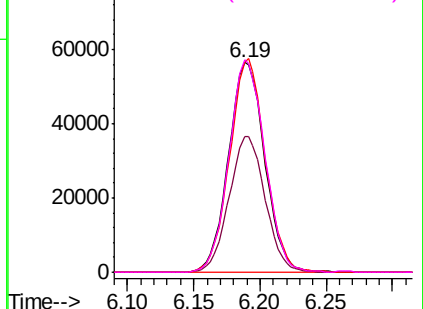
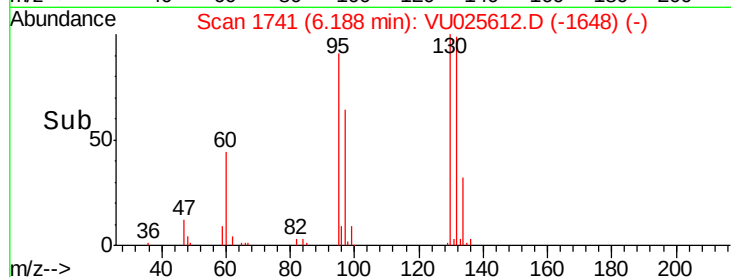
#34
 Trichloroethene
 Concen: 46.73 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025612.D
 Acq: 23 Jul 2018 19:28

Instrument :
 MSVOA_U
 ClientSampleId :
 JJ1T3MS

Tot Ion:	95	Resp:	107508
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	100.4	72.2	134.2
130	101.1	74.9	139.1

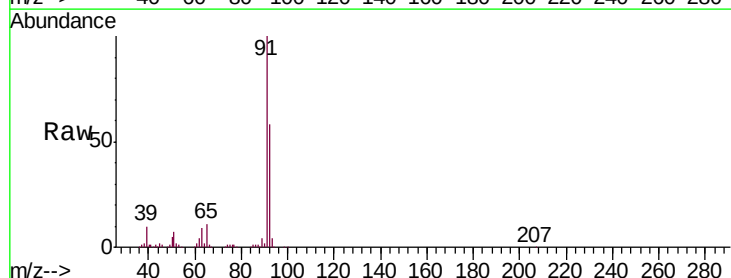


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

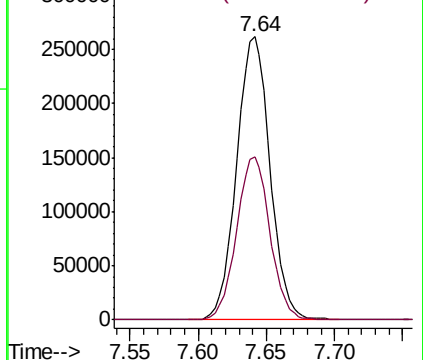
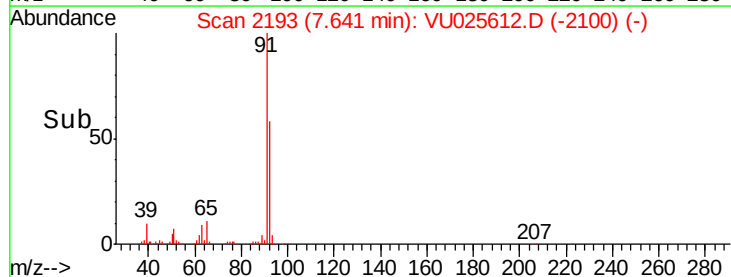


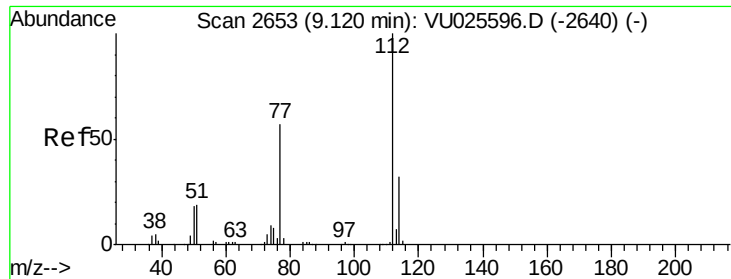
#42
 Toluene
 Concen: 47.54 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025612.D
 Acq: 23 Jul 2018 19:28

Tgt Ion:	91	Resp:	444506
Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.0	74.2



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0

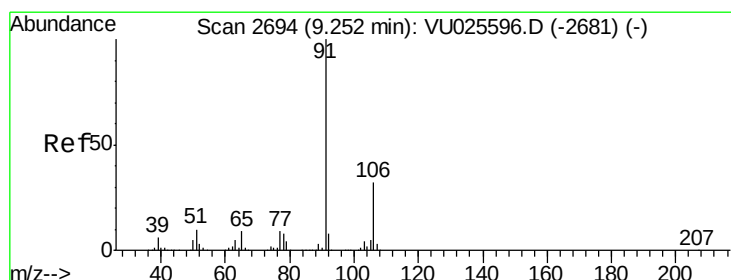
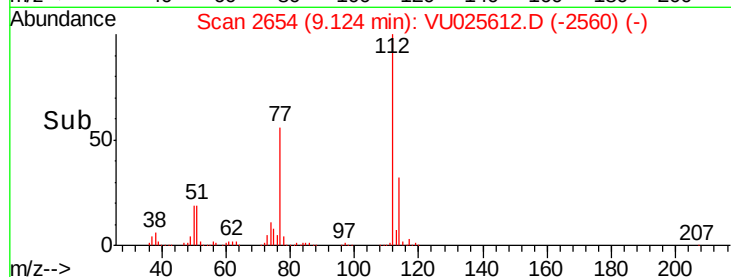
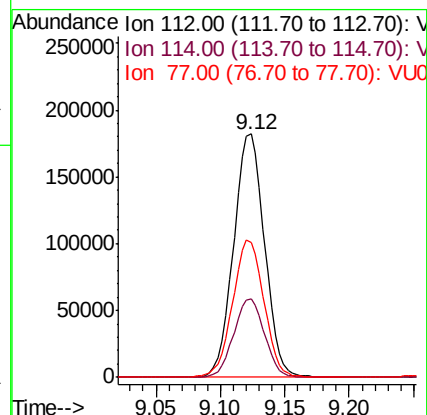
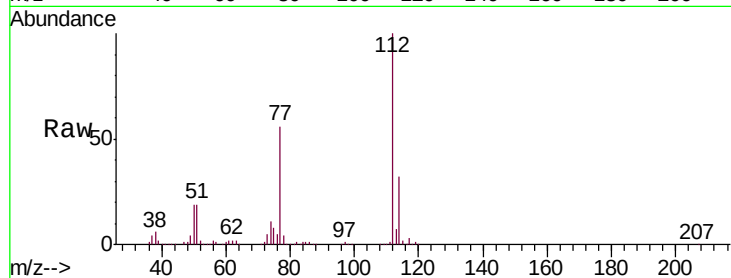




#51
Chlorobenzene
Concen: 48.07 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

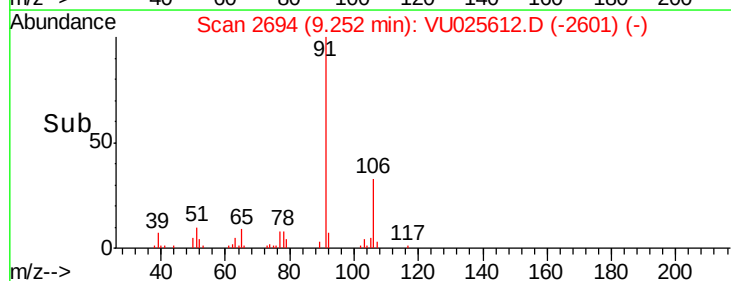
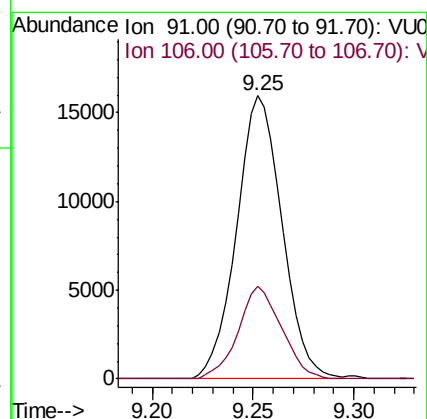
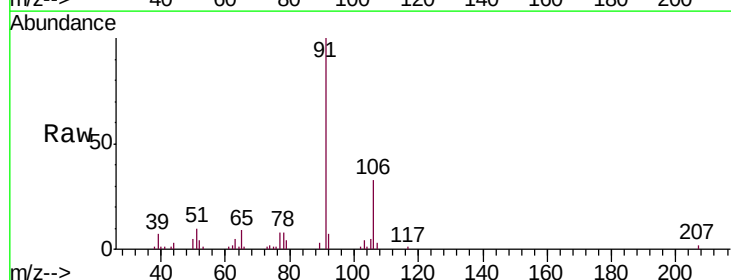
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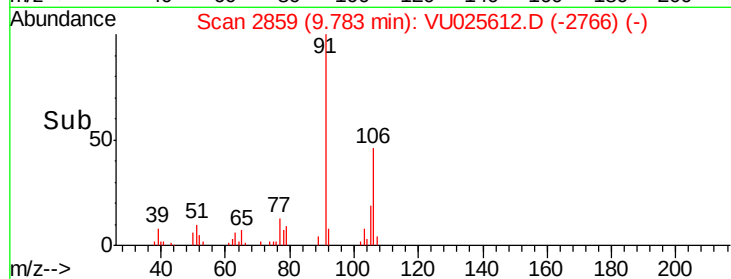
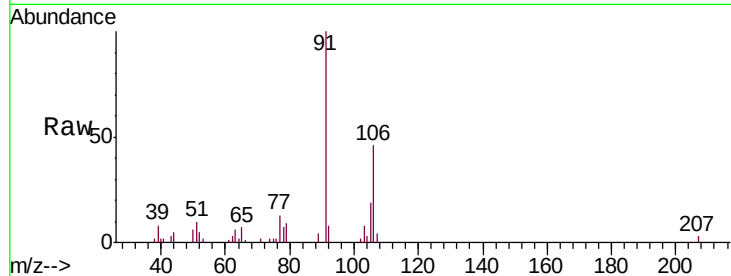
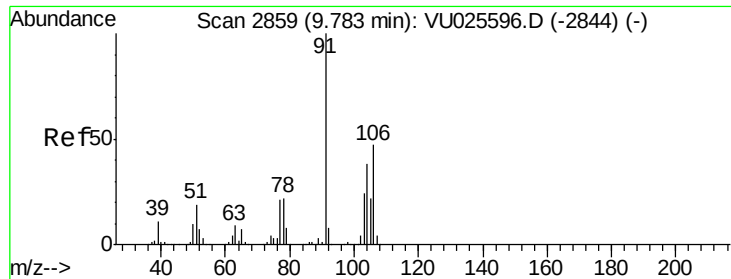
Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	55.5	45.8	68.8



#52
Ethylbenzene
Concen: 2.44 ug/L
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025612.D
Acq: 23 Jul 2018 19:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.5	22.3	41.5





#54

o-xylene

Concen: 1.73 ug/L

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025612.D

Acq: 23 Jul 2018 19:28

Instrument :

MSVOA_U

ClientSampleId :

JJ1T3MS

Tot Ion:106 Resp: 6929

Ion Ratio Lower Upper

106 100

91 219.4 150.6 279.6

