

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026005.D
 Acq On : 09 Aug 2018 18:49
 Operator : MD/SY
 Sample : J4361-06MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:18:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	298282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	120707	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87317	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.10%
7) Chloroethane-d5	1.67	69	76208	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.18%
11) 1,1-Dichloroethene-d2	2.27	63	175498	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
21) 2-Butanone-d5	4.18	46	169501	93.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	4.65	84	207153	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.31	65	144073	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.35	84	398644	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
36) 1,2-Dichloropropane-d6	6.33	67	132392	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.66%
41) Toluene-d8	7.57	98	363534	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloropropene-	7.85	79	65604	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.31	63	121516	95.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189984	46.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	145028	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

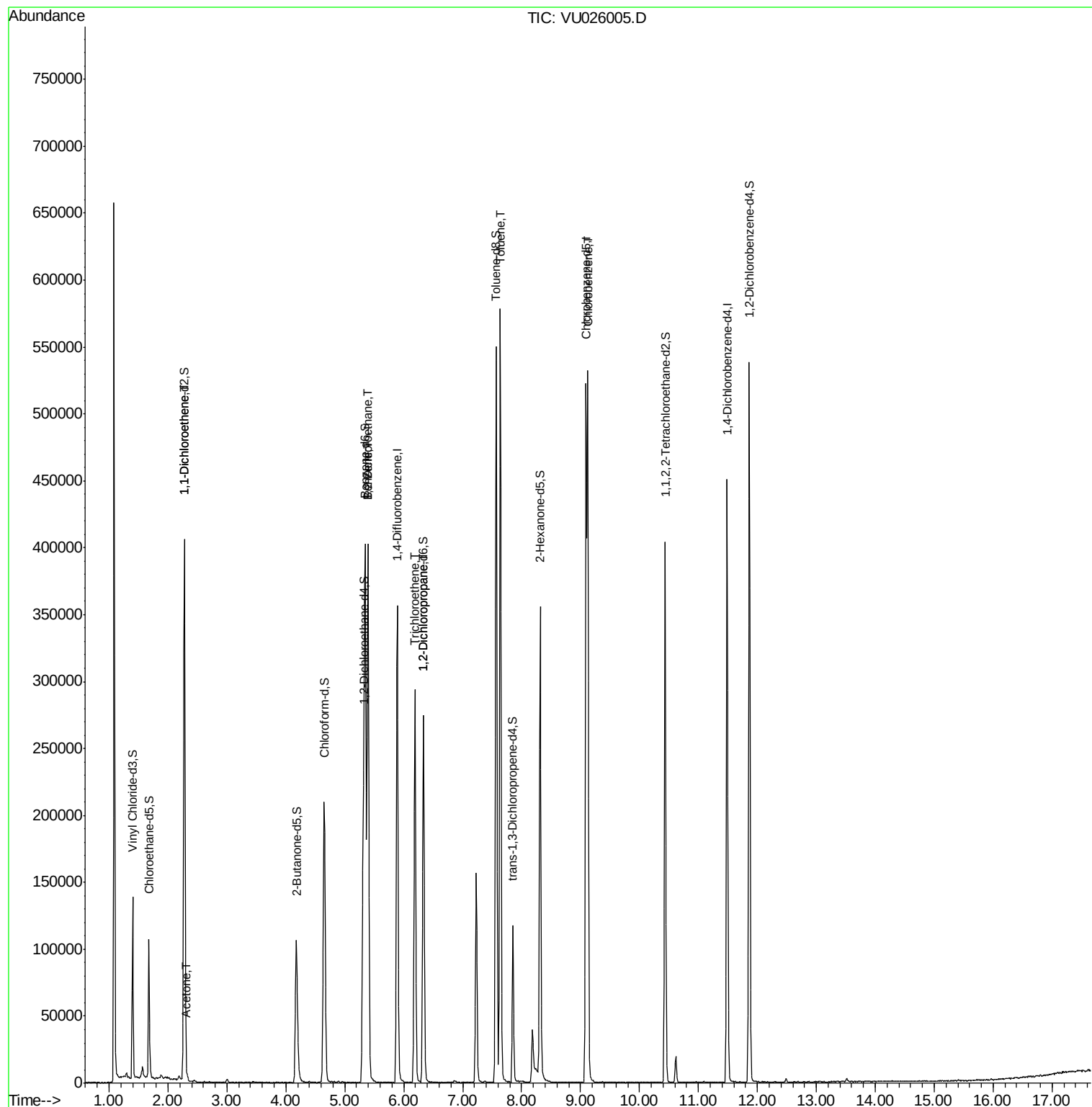
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	79358	46.082	ug/L	95
13) Acetone	2.32	43	1692	1.499	ug/L	70
27) 1,2-Dichloroethane	5.39	62	4198	1.312	ug/L #	76
33) Benzene	5.39	78	391021	49.310	ug/L	100
34) Trichloroethene	6.19	95	97273	46.954	ug/L	97
37) 1,2-Dichloropropane	6.33	63	14645	6.750	ug/L #	88
42) Toluene	7.64	91	415487	49.362	ug/L	99
51) Chlorobenzene	9.12	112	276498	48.720	ug/L	99

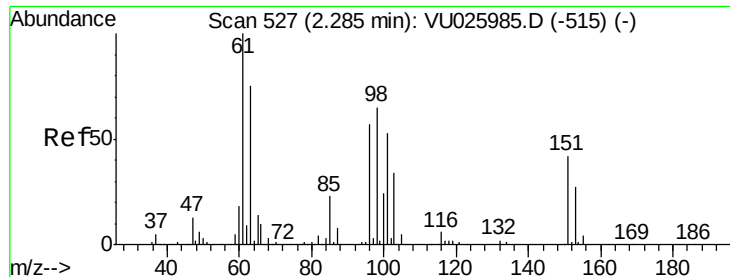
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 46.082 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU026005.D

Acq: 09 Aug 2018 18:49

Instrument :
MSVOA_U
ClientSampleId :

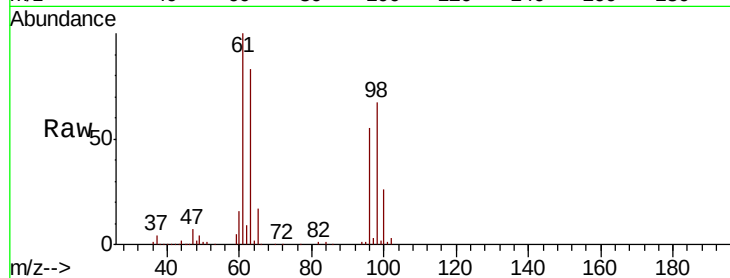
Tot Ion: 96 Resp: 79358

Ion Ratio Lower Upper

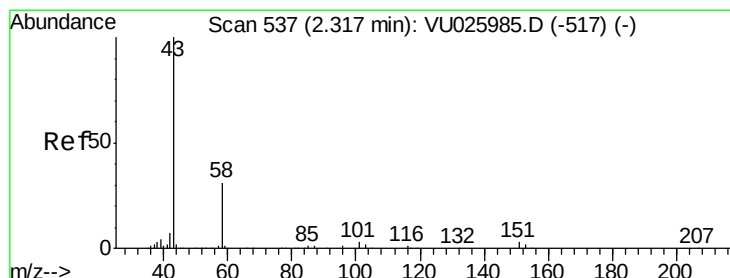
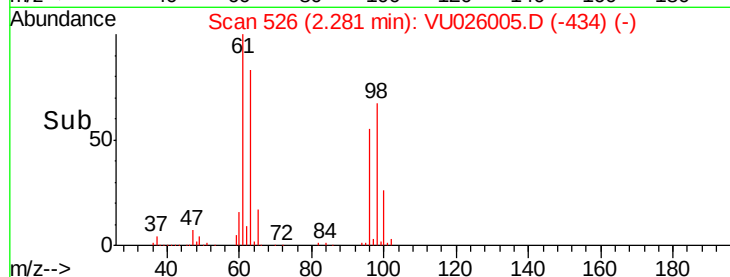
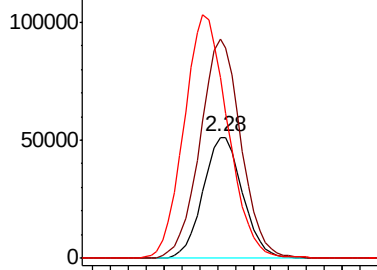
96 100

61 180.6 121.2 225.2

63 149.1 108.7 201.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.499 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026005.D

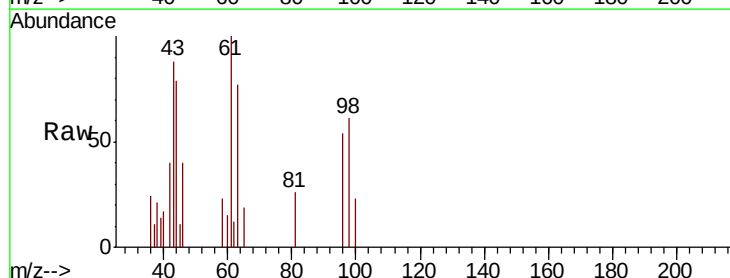
Acq: 09 Aug 2018 18:49

Tgt Ion: 43 Resp: 1692

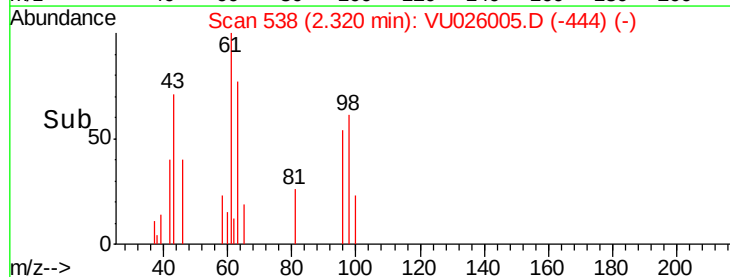
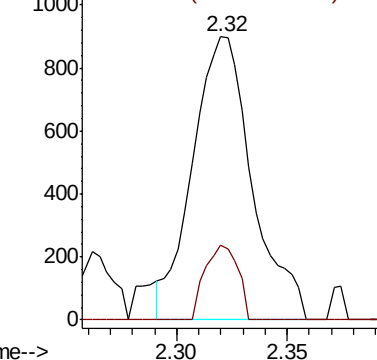
Ion Ratio Lower Upper

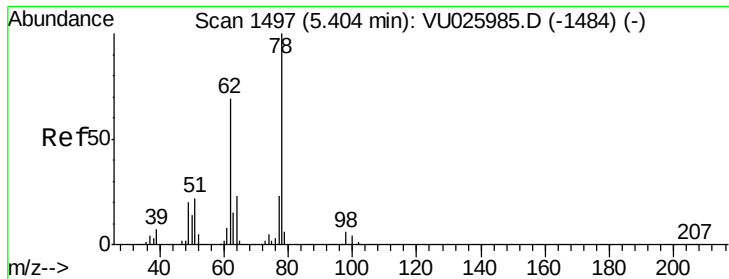
43 100

58 14.6 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

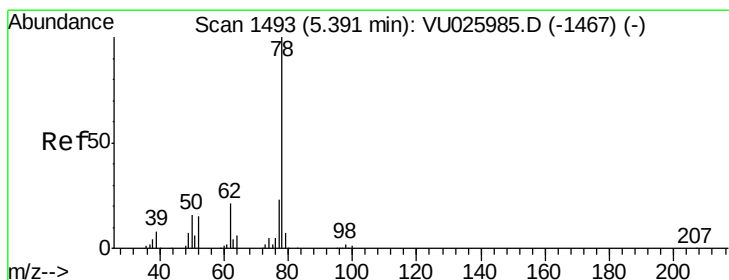
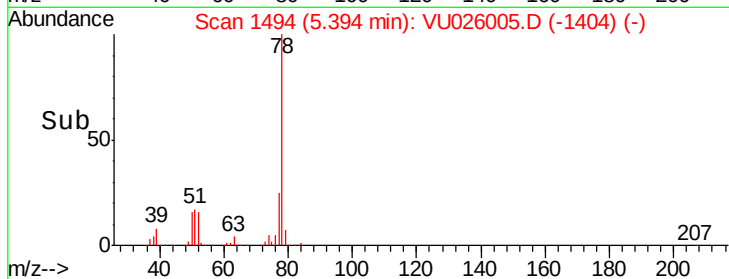
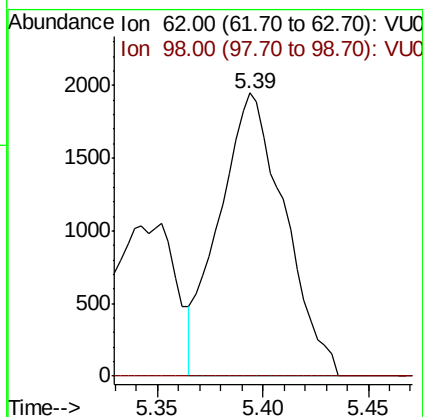
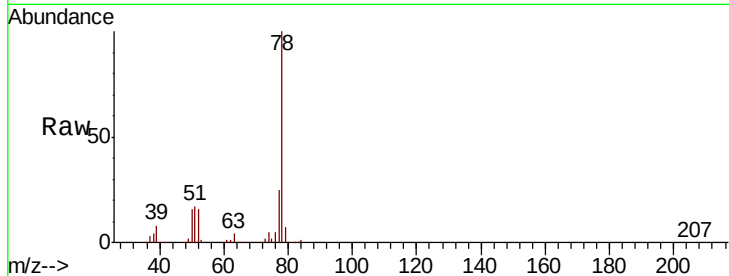




#27
 1,2-Dichloroethane
 Concen: 1.312 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: VU026005.D
 Acq: 09 Aug 2018 18:49

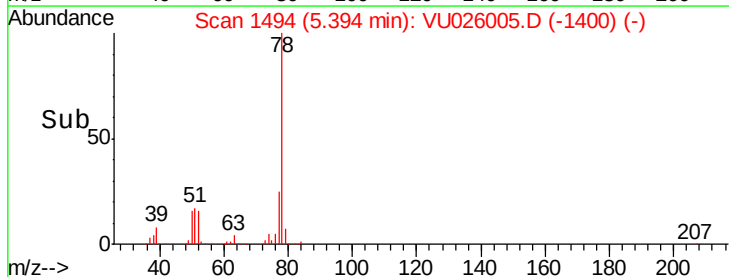
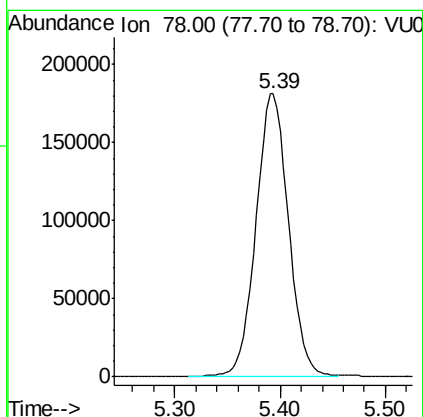
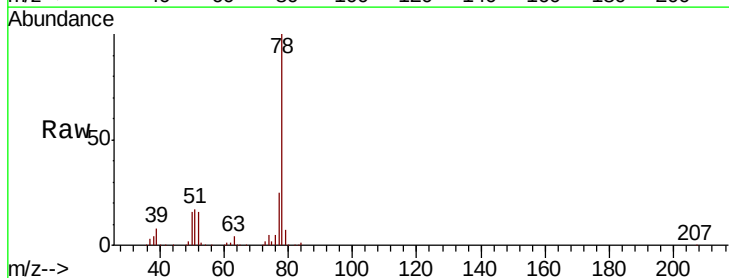
Instrument :
 MSVOA_U
 ClientSampleId :

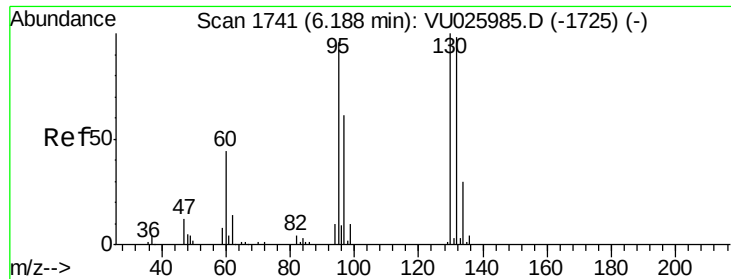
Tot Ion: 62 Resp: 4198
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#33
 Benzene
 Concen: 49.310 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU026005.D
 Acq: 09 Aug 2018 18:49

Tgt Ion: 78 Resp: 391021

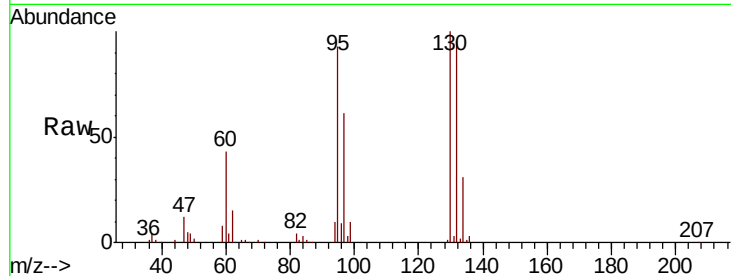




#34
 Trichloroethene
 Concen: 46.954 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026005.D
 Acq: 09 Aug 2018 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	95	Resp:	97273
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.2	84.0
132	102.8	68.2	126.6
130	107.7	73.8	137.2



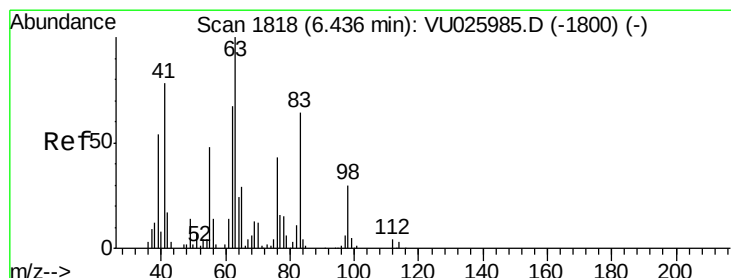
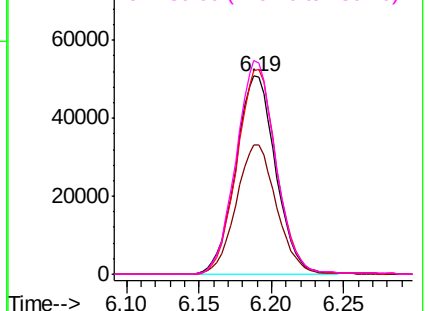
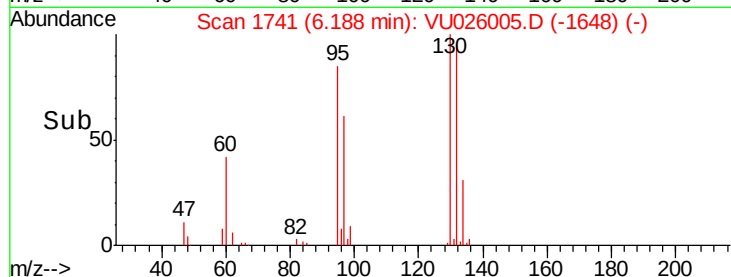
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

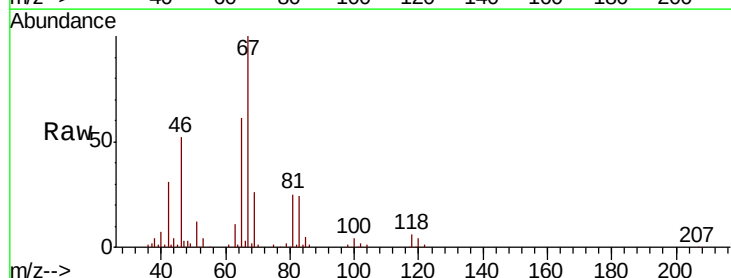
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37
 1,2-Dichloropropane
 Concen: 6.750 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026005.D
 Acq: 09 Aug 2018 18:49

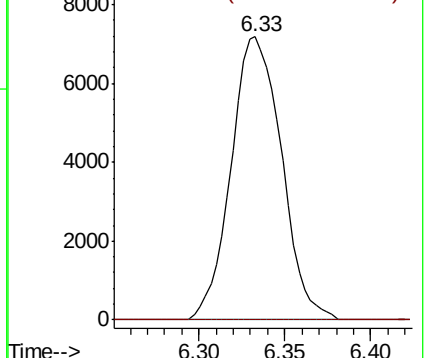
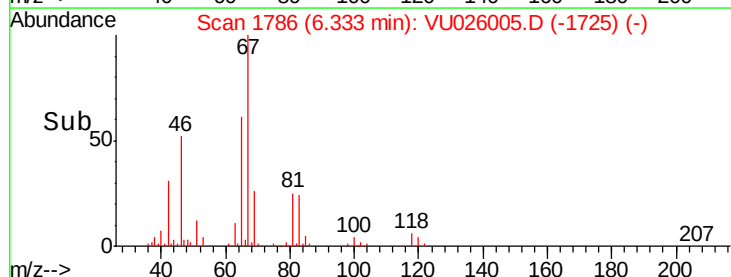
Tgt Ion:	63	Resp:	14645
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

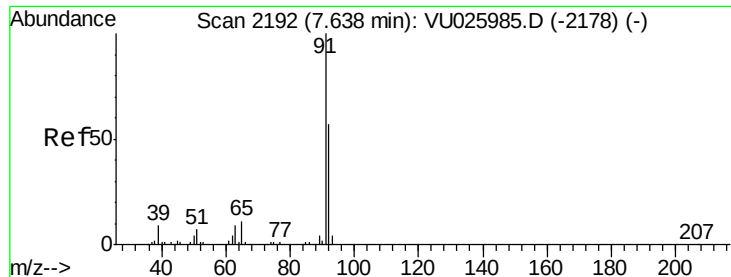


Abundance

Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 49.362 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026005.D

Acq: 09 Aug 2018 18:49

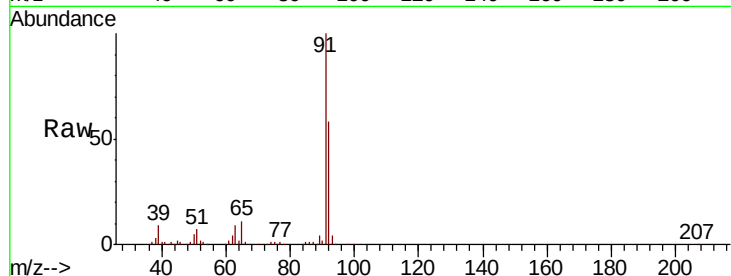
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 415487

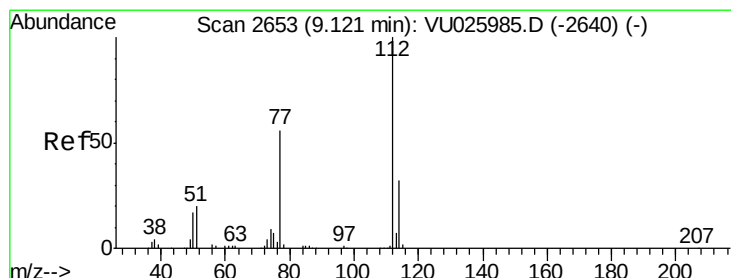
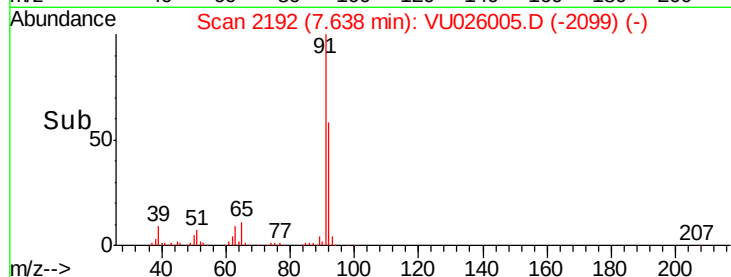
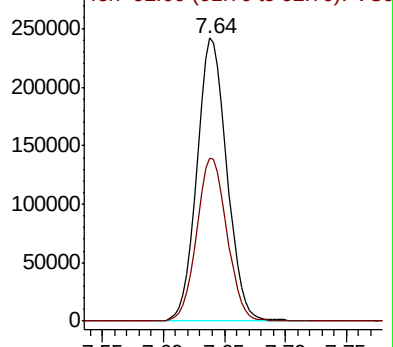
Ion Ratio Lower Upper

91 100

92 57.8 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VU026005.D (-2099) (-)



#51

Chlorobenzene

Concen: 48.720 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU026005.D

Acq: 09 Aug 2018 18:49

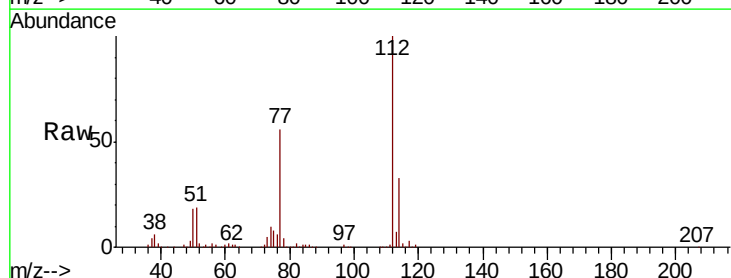
Tgt Ion: 112 Resp: 276498

Ion Ratio Lower Upper

112 100

114 32.6 22.7 42.3

77 56.0 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): VU026005.D (-2560) (-)

