

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\
 Data File : VU029784.D
 Acq On : 04 Mar 2019 14:47
 Operator : JC/SP
 Sample : K1657-15MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB660MS

Quant Time: Mar 05 01:19:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 05 00:37:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	437403	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	419620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209334	50.00	ug/L	0.00

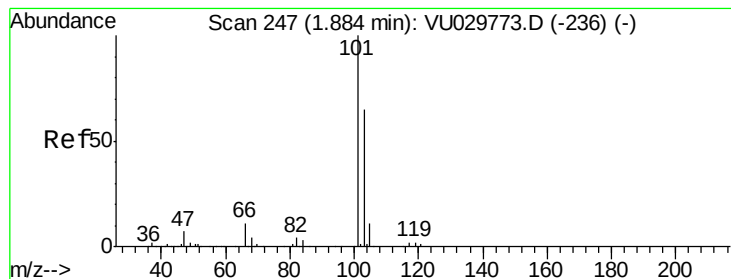
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119608	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.64%
7) Chloroethane-d5	1.67	69	108718	38.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.30%
11) 1,1-Dichloroethene-d2	2.27	63	241727	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.16%
21) 2-Butanone-d5	4.17	46	223015	114.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	4.64	84	242932	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	154481	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.34	84	518306	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.33	67	163892	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.18%
41) Toluene-d8	7.56	98	484298	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.85	79	74458	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
47) 2-Hexanone-d5	8.31	63	184517	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265568	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	209049	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.88	101	127024	22.301 ug/L	100
12) 1,1-Dichloroethene	2.28	96	135793	46.881 ug/L	86
13) Acetone	2.32	43	7150	3.430 ug/L	98
33) Benzene	5.39	78	608078	56.521 ug/L	100
34) Trichloroethene	6.18	95	152944	52.772 ug/L	97
42) Toluene	7.63	91	676292	53.156 ug/L	99
51) Chlorobenzene	9.12	112	447459	51.242 ug/L	98

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



#9

Trichlorofluoromethane

Concen: 22.301 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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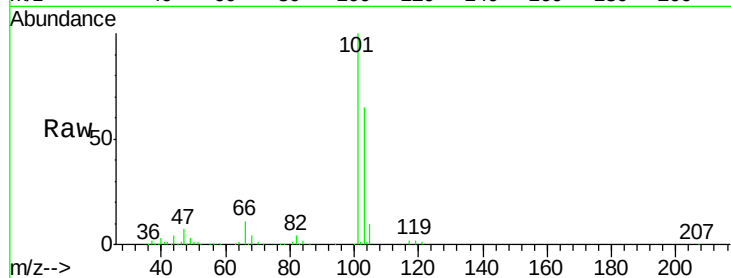
DB660MS

Tgt Ion:101 Resp: 127024

Ion Ratio Lower Upper

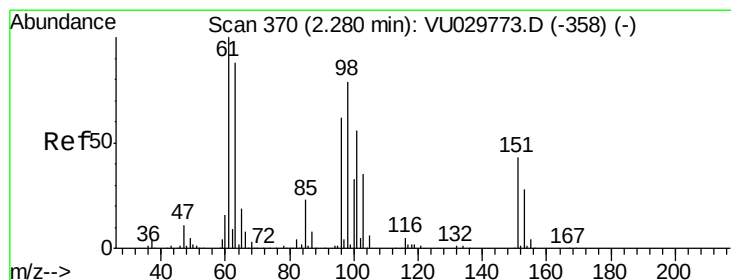
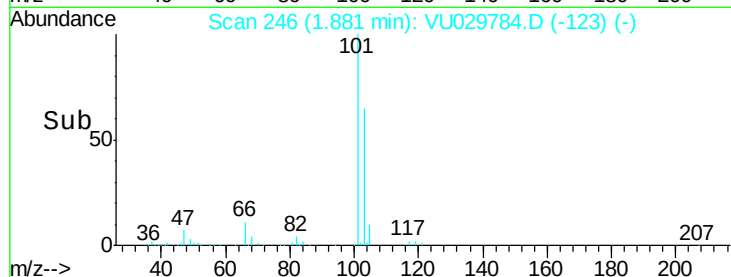
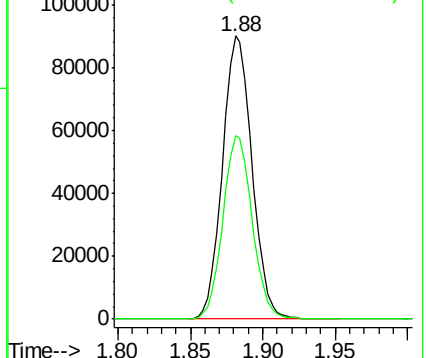
101 100

103 64.4 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 46.881 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029784.D

Acq: 04 Mar 2019 14:47

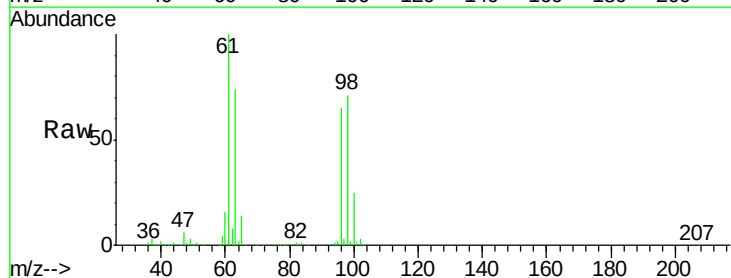
Tgt Ion: 96 Resp: 135793

Ion Ratio Lower Upper

96 100

61 153.7 114.0 211.8

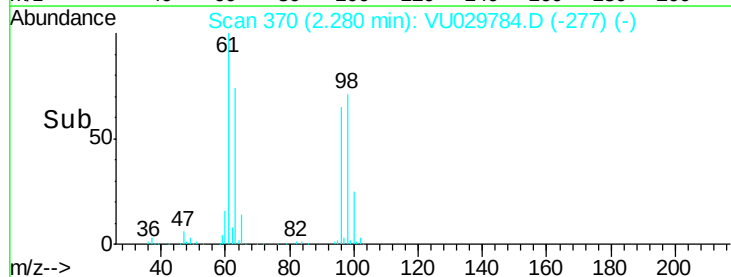
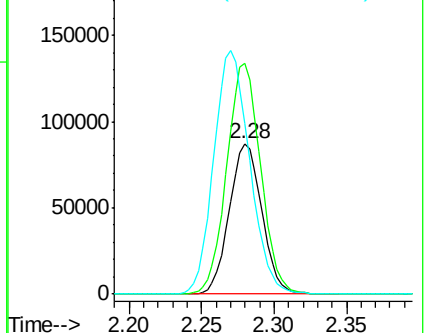
63 113.4 98.7 183.3

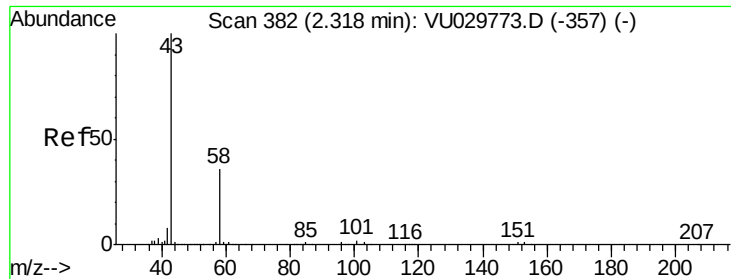


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

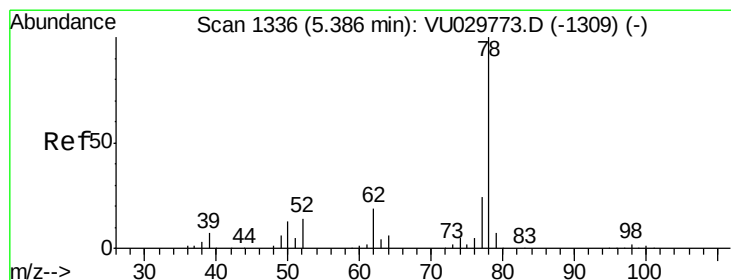
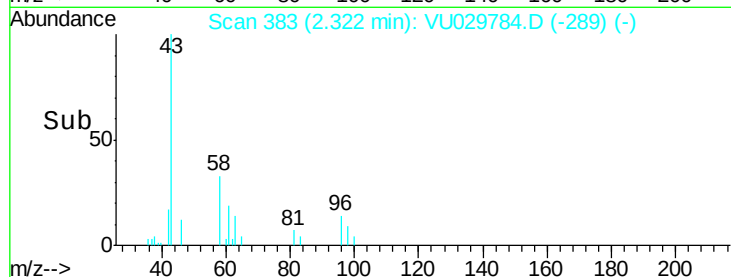
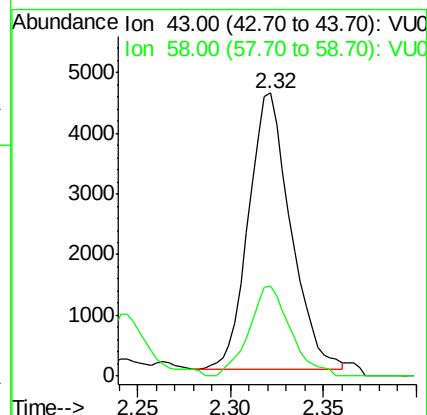
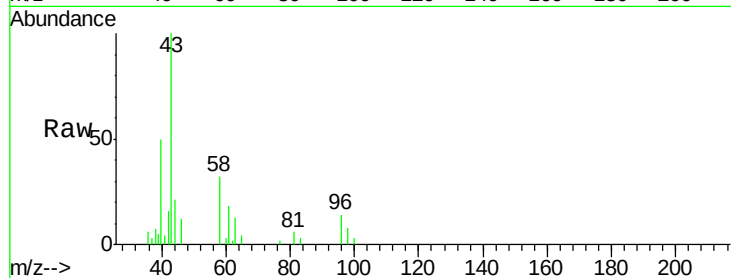




#13
Acetone
Concen: 3.430 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029784.D
Acq: 04 Mar 2019 14:47

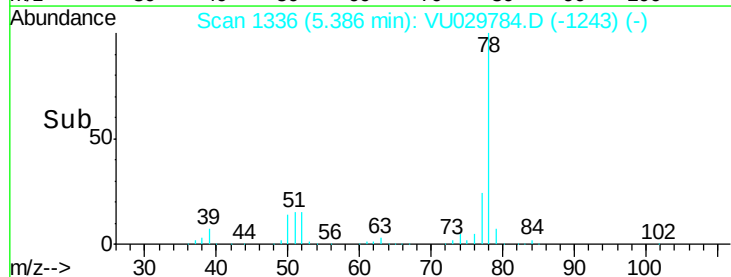
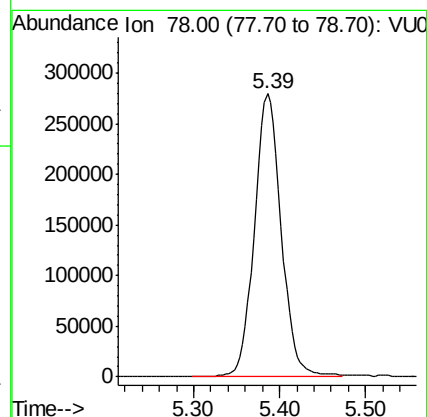
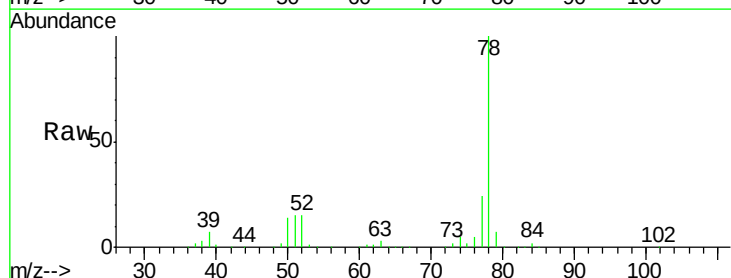
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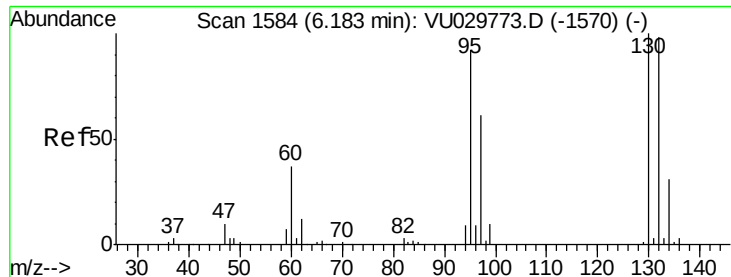
Tgt Ion: 43 Resp: 7150
Ion Ratio Lower Upper
43 100
58 32.2 0.0 66.8



#33
Benzene
Concen: 56.521 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU029784.D
Acq: 04 Mar 2019 14:47

Tgt Ion: 78 Resp: 608078





#34

Trichloroethene

Concen: 52.772 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029784.D

Acq: 04 Mar 2019 14:47

Instrument :

MSVOA_U

ClientSampleId :

DB660MS

Tgt Ion: 95 Resp: 152944

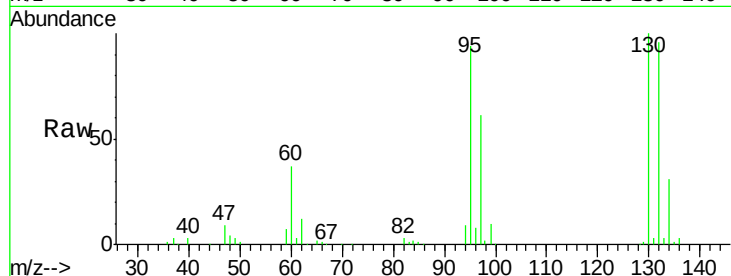
Ion Ratio Lower Upper

95 100

97 65.3 44.6 82.8

132 102.2 74.6 138.6

130 106.8 77.2 143.4

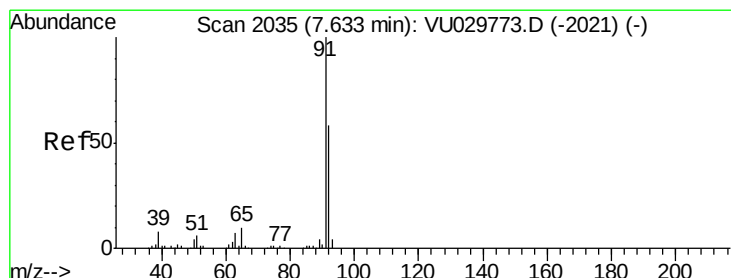
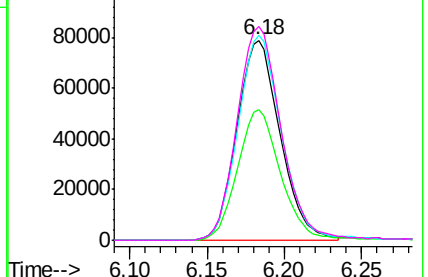
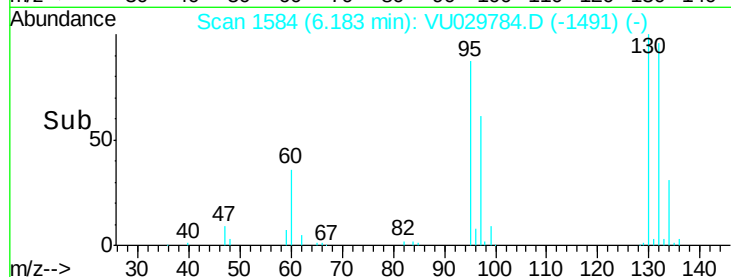


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 53.156 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029784.D

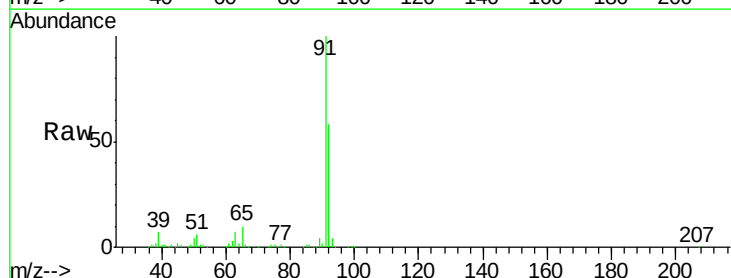
Acq: 04 Mar 2019 14:47

Tgt Ion: 91 Resp: 676292

Ion Ratio Lower Upper

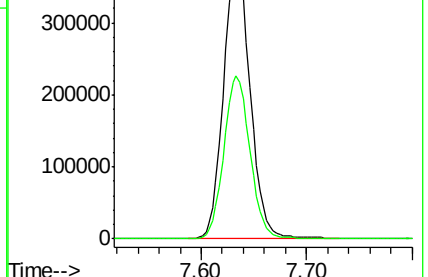
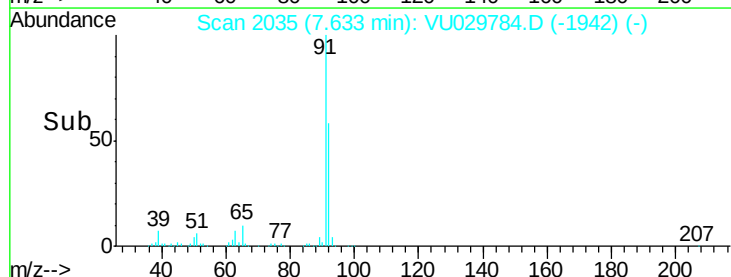
91 100

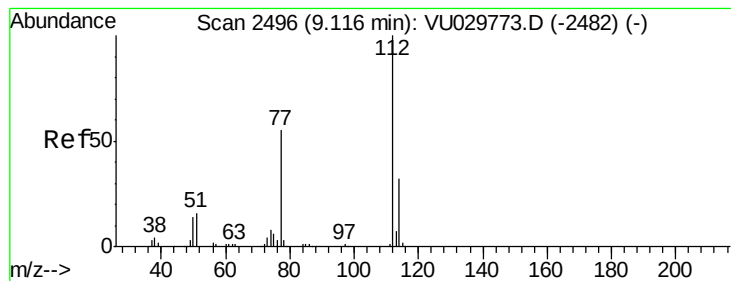
92 57.7 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 51.242 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029784.D

Acq: 04 Mar 2019 14:47

Instrument :

MSVOA_U

ClientSampleId :

DB660MS

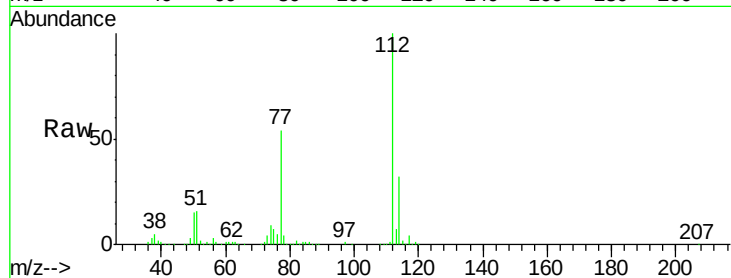
Tgt Ion:112 Resp: 447459

Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 54.4 42.1 63.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

