

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032724.D
 Acq On : 14 Jun 2019 15:35
 Operator : JC/SP
 Sample : K3365-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM64

Quant Time: Jun 15 00:02:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 23:49:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	106131	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	98094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51140	5.00	ug/L	0.00

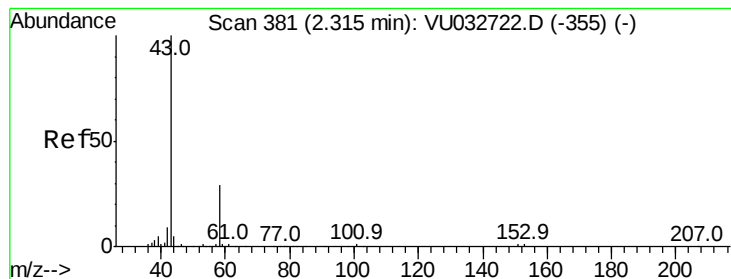
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29877	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.67	69	25981	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	47794	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.18	46	91459	47.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	4.64	84	64200	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.30	65	36169	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.33	84	124689	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.32	67	39761	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	114500	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.85	79	16943	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.31	63	78282	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	35007	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	47960	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Ovalue
13) Acetone	2.32	43	7262	4.859 ug/L	97
15) Methyl Acetate	2.61	43	1462	0.356 ug/L #	90
42) Toluene	7.63	91	6407	0.199 ug/L	91
55) Styrene	9.79	104	11203	0.507 ug/L	94

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



#13

Acetone

Concen: 4.859 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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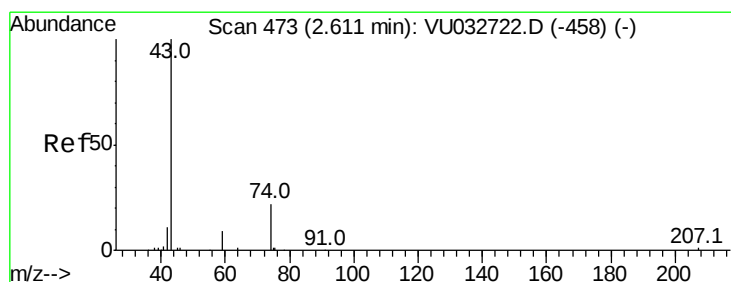
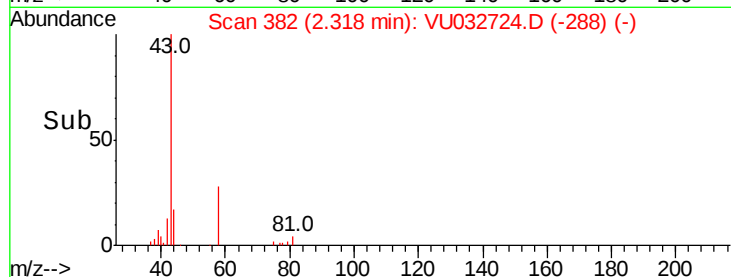
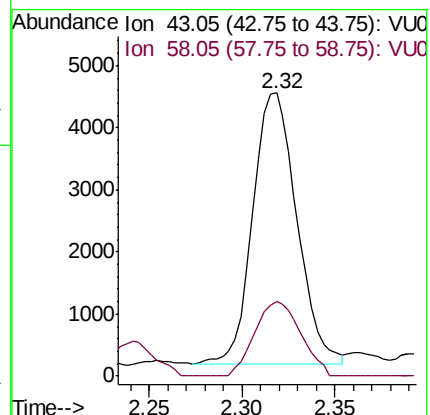
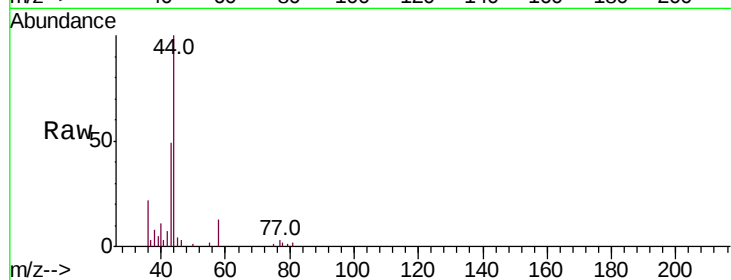
COM64

Tot Ion: 43 Resp: 7262

Ion Ratio Lower Upper

43 100

58 28.6 0.0 60.8



#15

Methyl Acetate

Concen: 0.356 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032724.D

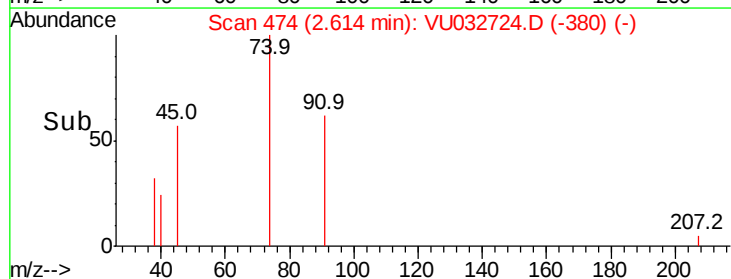
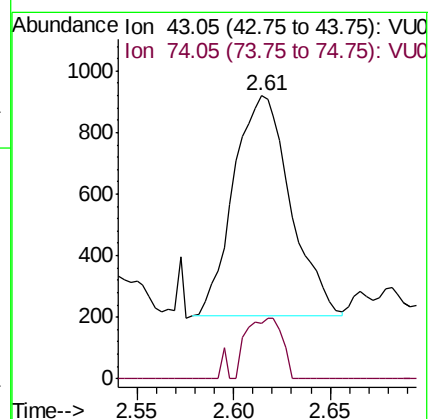
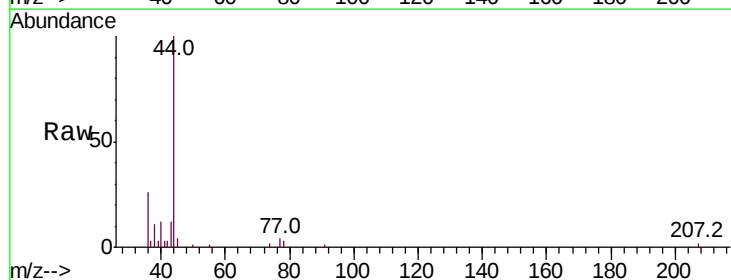
Acq: 14 Jun 2019 15:35

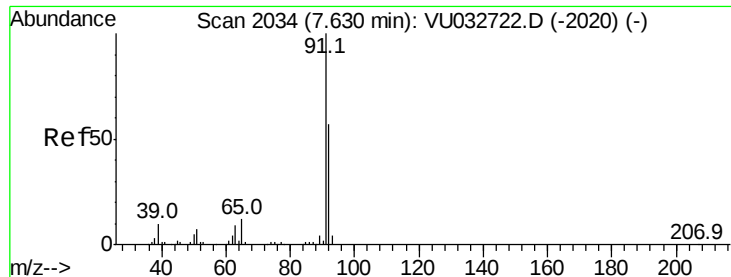
Tgt Ion: 43 Resp: 1462

Ion Ratio Lower Upper

43 100

74 17.4 17.8 26.8#





#42

Toluene

Concen: 0.199 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032724.D

Acq: 14 Jun 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

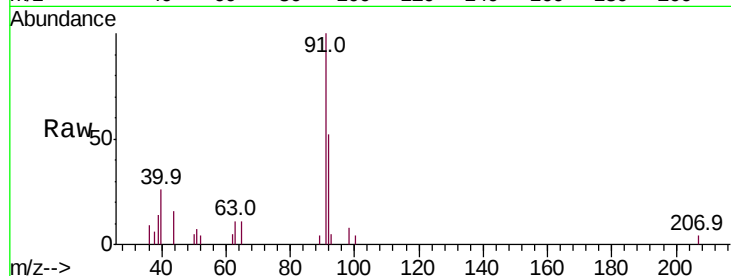
COM64

Tot Ion: 91 Resp: 6407

Ion Ratio Lower Upper

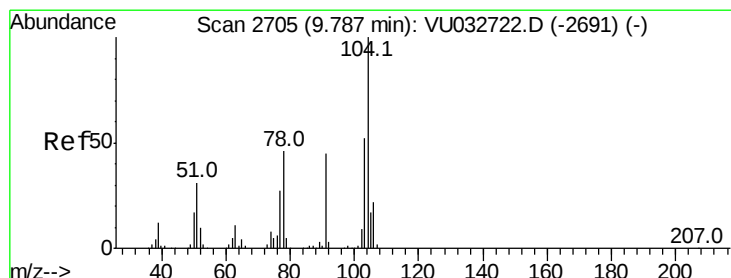
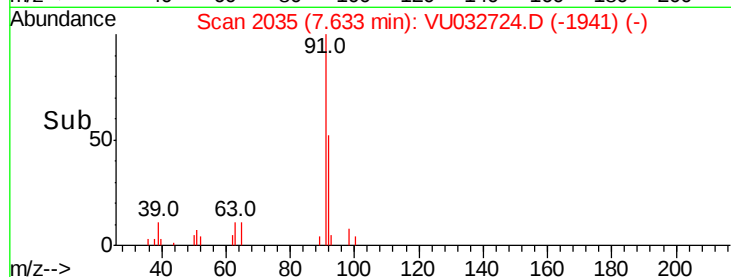
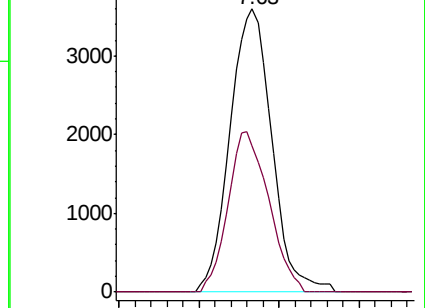
91 100

92 51.9 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032724.D (-1941) (-)

Ion 92.15 (91.85 to 92.85): VU032724.D (-1941) (-)



#55

Styrene

Concen: 0.507 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU032724.D

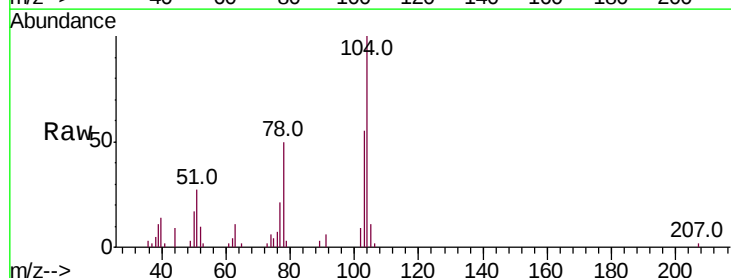
Acq: 14 Jun 2019 15:35

Tgt Ion: 104 Resp: 11203

Ion Ratio Lower Upper

104 100

78 49.7 32.2 59.8



Abundance Ion 104.10 (103.80 to 104.80): VU032724.D (-2612) (-)

Ion 78.10 (77.80 to 78.80): VU032724.D (-2612) (-)

