

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
 Data File : VU032913.D
 Acq On : 20 Jun 2019 20:26
 Operator : JC/SP
 Sample : K3414-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALM3

Quant Time: Jun 21 08:10:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 07:36:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87649	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	85985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21564	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	19570	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.27	63	35732	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.19	46	90765	57.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.14%
24) Chloroform-d	4.64	84	53522	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.30	65	31504	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
32) Benzene-d6	5.33	84	94724	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.32	67	31932	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.56	98	83950	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	12508	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.31	63	65262	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29093	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	37691	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

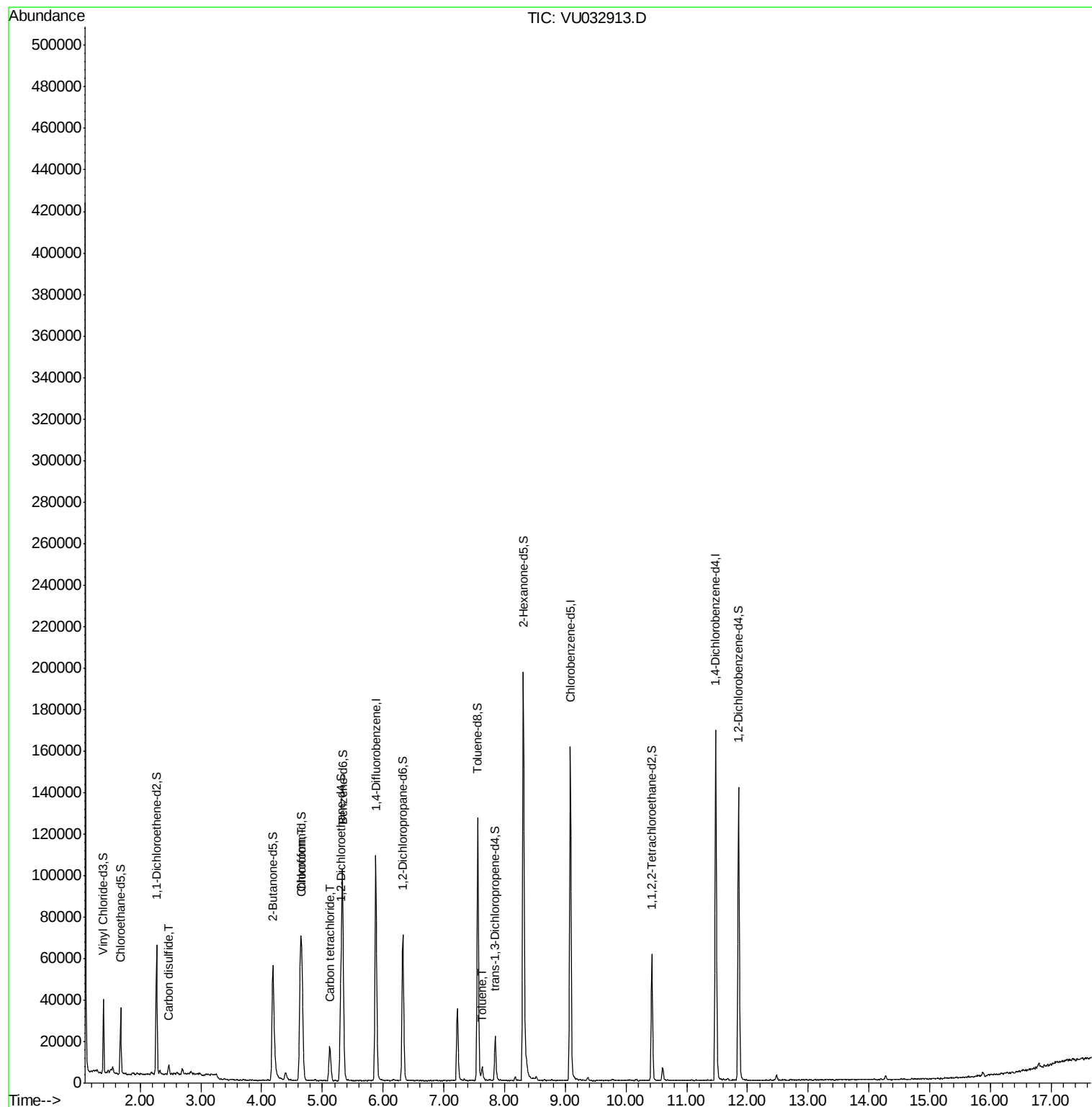
					Ovalue
14) Carbon disulfide	2.47	76	5234	0.293 ug/L #	92
25) Chloroform	4.67	83	41072	3.738 ug/L	100
31) Carbon tetrachloride	5.13	117	11563	1.214 ug/L	98
42) Toluene	7.63	91	5156	0.182 ug/L	97

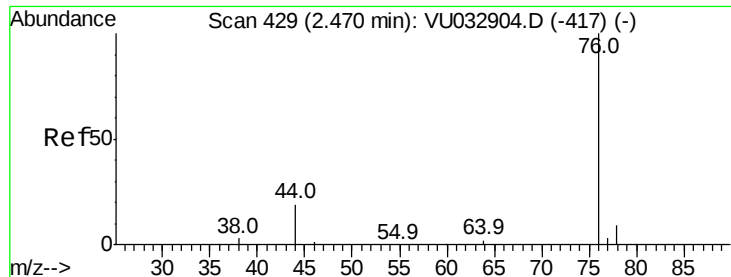
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.293 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU032913.D

Acq: 20 Jun 2019 20:26

Instrument :

MSVOA_U

ClientSampled :

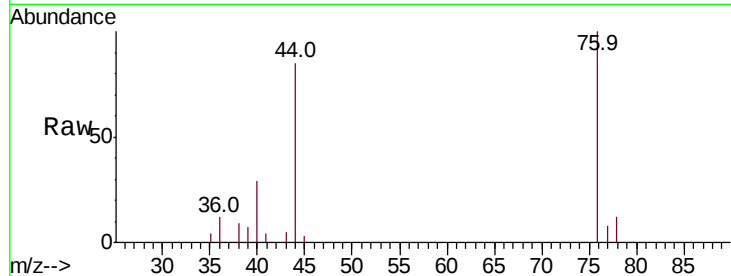
GALM3

Tot Ion: 76 Resp: 5234

Ion Ratio Lower Upper

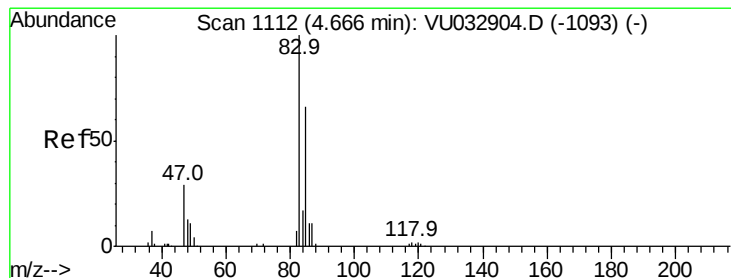
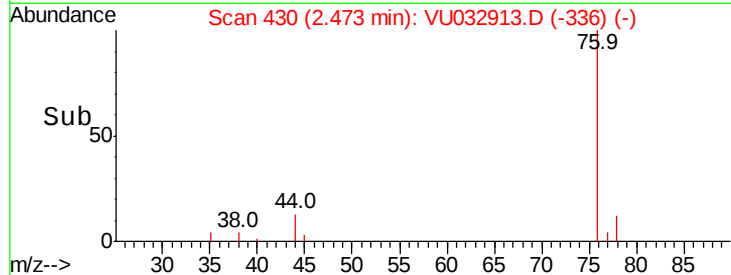
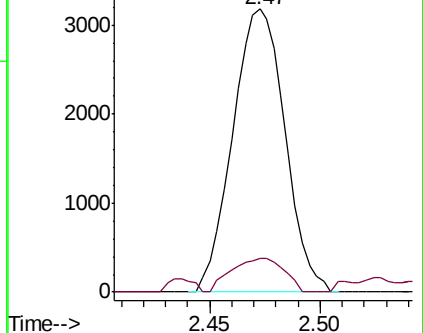
76 100

78 12.0 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU032904.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU032904.D (-417) (-)



#25

Chloroform

Concen: 3.738 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU032913.D

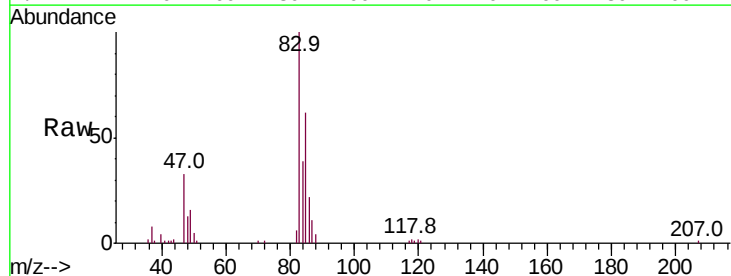
Acq: 20 Jun 2019 20:26

Tgt Ion: 83 Resp: 41072

Ion Ratio Lower Upper

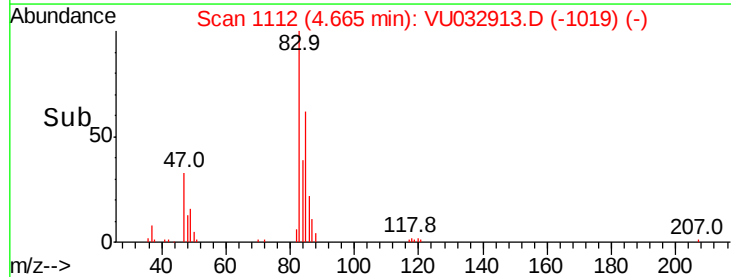
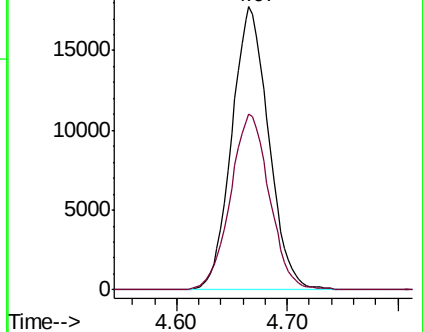
83 100

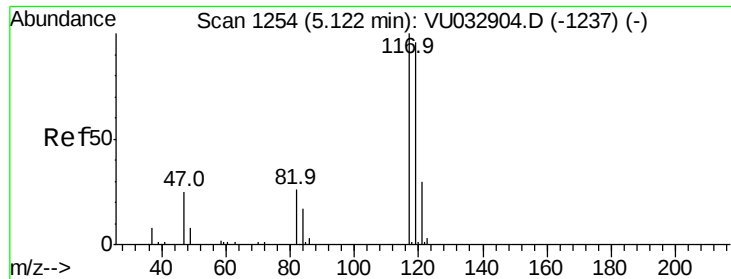
85 62.2 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032904.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU032904.D (-1093) (-)





#31

Carbon tetrachloride

Concen: 1.214 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU032913.D

Acq: 20 Jun 2019 20:26

Instrument :

MSVOA_U

ClientSampled :

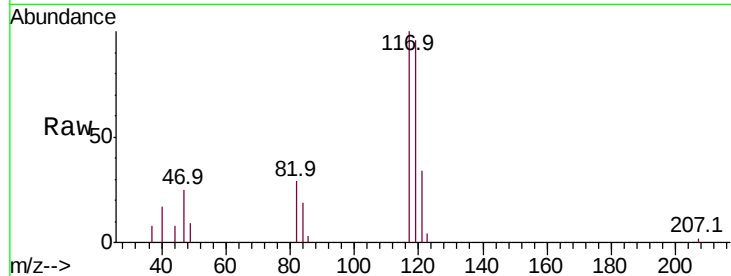
GALM3

Tot Ion:117 Resp: 11563

Ion Ratio Lower Upper

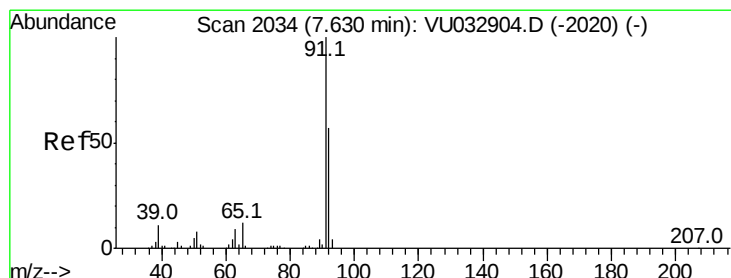
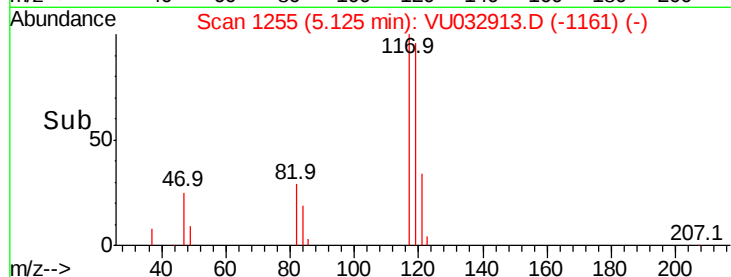
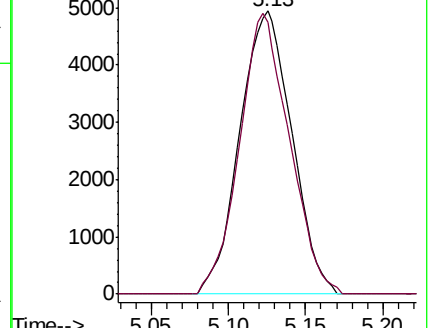
117 100

119 95.1 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#42

Toluene

Concen: 0.182 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032913.D

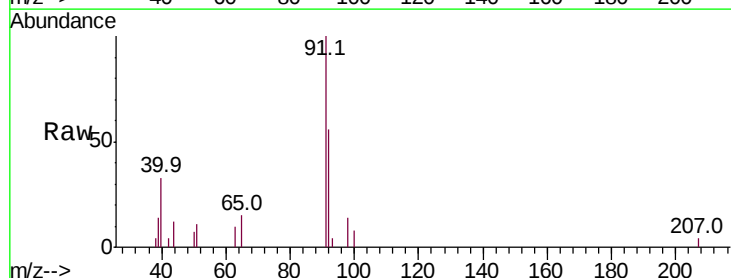
Acq: 20 Jun 2019 20:26

Tgt Ion: 91 Resp: 5156

Ion Ratio Lower Upper

91 100

92 55.8 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

