

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032442.D
 Acq On : 04 Jun 2019 21:13
 Operator : JC/SP
 Sample : K3081-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE4

Quant Time: Jun 05 00:07:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88787	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32391	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.67	69	27075	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.27	63	48592	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.18	46	96694	56.59	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	4.64	84	60178	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.31	65	33606	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
32) Benzene-d6	5.33	84	123475	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.32	67	38568	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.56	98	114892	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
43) trans-1,3-Dichloropropene-	7.85	79	15961	5.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.80%
46) 2-Hexanone-d5	8.31	63	80594	55.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32825	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	47813	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

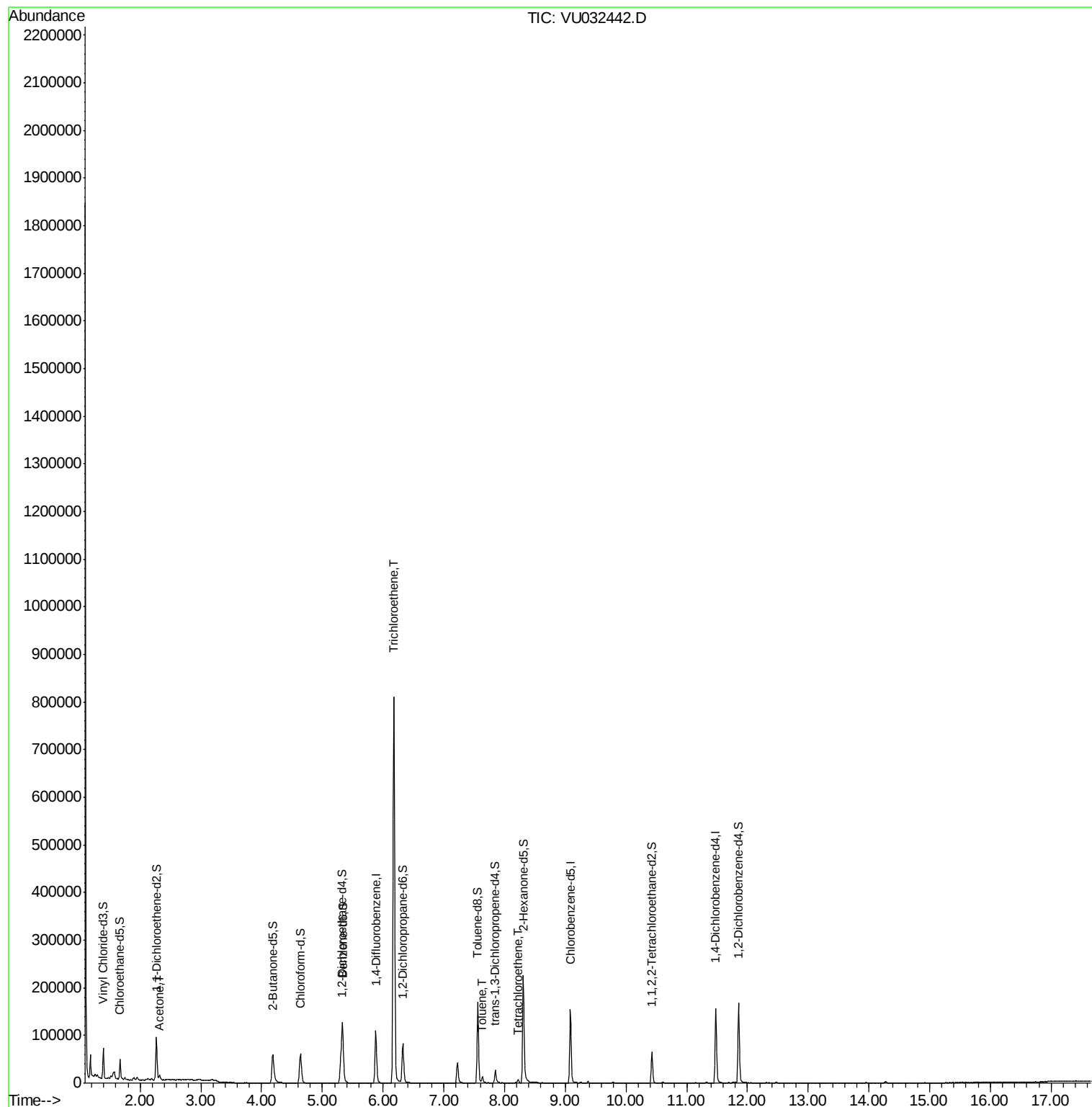
					Ovalue
13) Acetone	2.32	43	8531	6.432 ug/L	99
34) Trichloroethene	6.18	95	271398	36.043 ug/L	99
42) Toluene	7.64	91	9974	0.342 ug/L	100
47) Tetrachloroethene	8.22	164	1807	0.305 ug/L	81

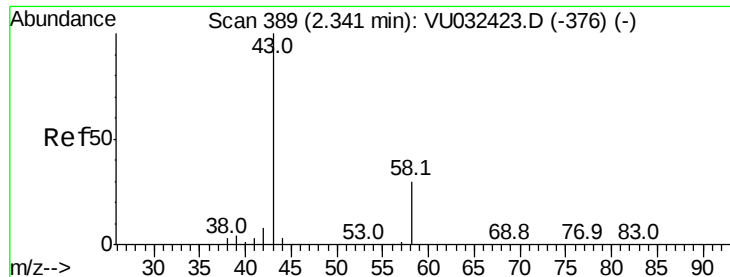
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.432 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU032442.D

Acq: 04 Jun 2019 21:13

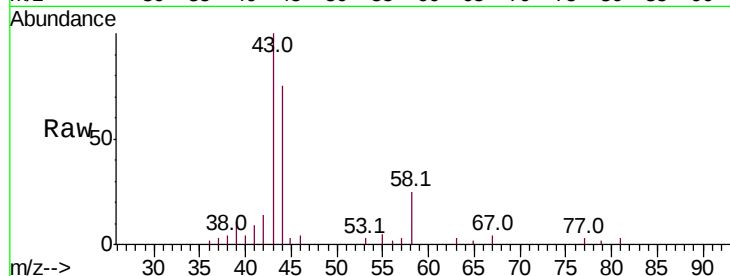
Instrument :
MSVOA_U
ClientSampleId :
GALE4

Tot Ion: 43 Resp: 8531

Ion Ratio Lower Upper

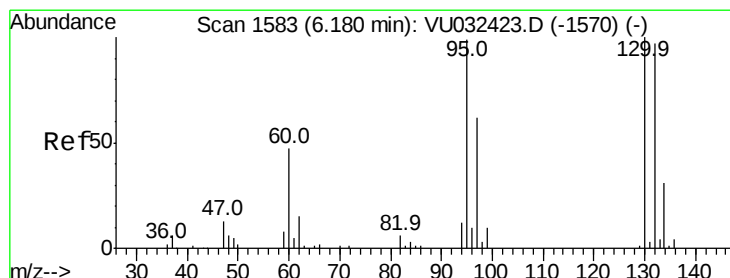
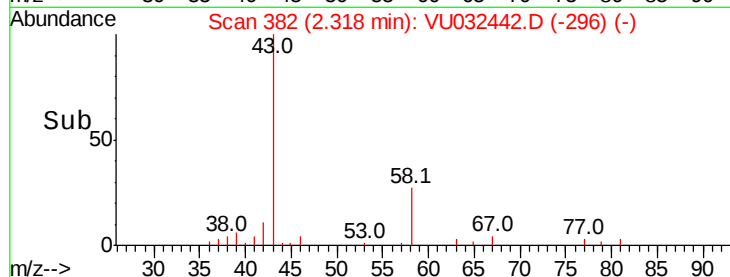
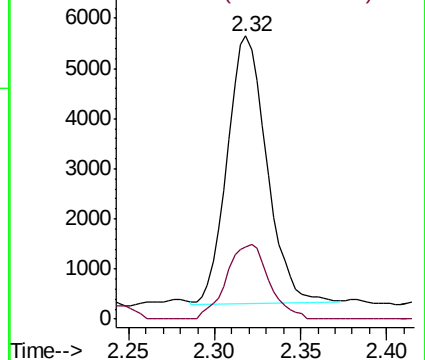
43 100

58 30.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032423.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU032423.D (-376) (-)



#34

Trichloroethene

Concen: 36.043 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032442.D

Acq: 04 Jun 2019 21:13

Tgt Ion: 95 Resp: 271398

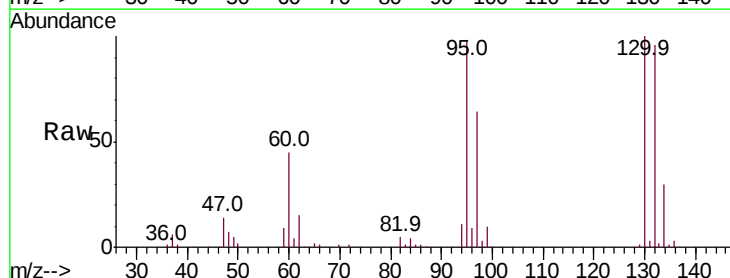
Ion Ratio Lower Upper

95 100

97 65.5 44.1 81.9

132 98.2 68.8 127.8

130 102.5 71.0 131.8

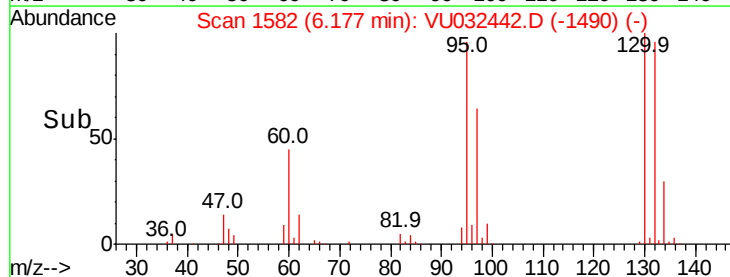
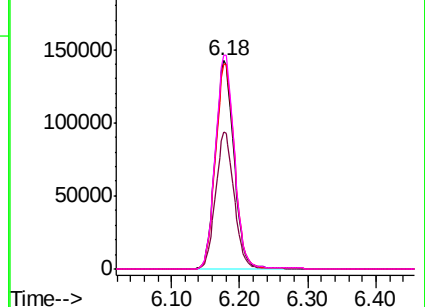


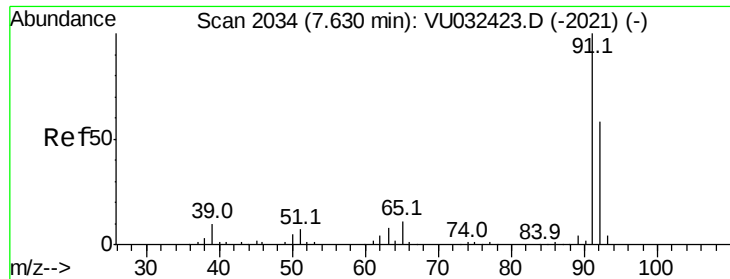
Abundance Ion 95.00 (94.70 to 95.70): VU032423.D (-1570) (-)

Ion 96.95 (96.65 to 97.65): VU032423.D (-1570) (-)

Ion 131.95 (131.65 to 132.65): VU032423.D (-1570) (-)

Ion 129.95 (129.65 to 130.65): VU032423.D (-1570) (-)





#42

Toluene

Concen: 0.342 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032442.D

Acq: 04 Jun 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

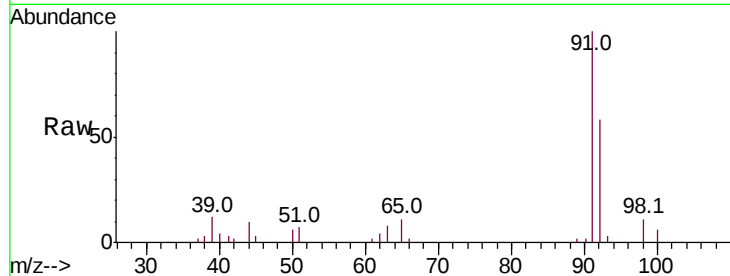
GALE4

Tot Ion: 91 Resp: 9974

Ion Ratio Lower Upper

91 100

92 58.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032442.D (-2125) (-)

Ion 92.15 (91.85 to 92.85): VU032442.D (-2125) (-)

7.64

6000

5000

4000

3000

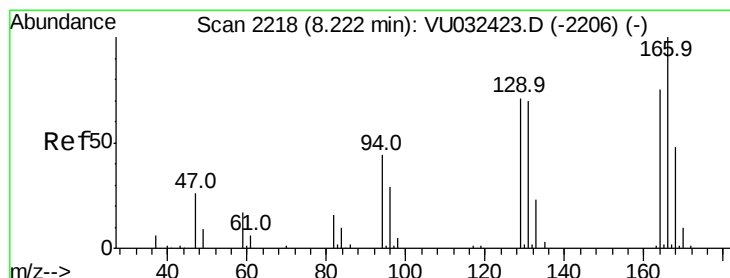
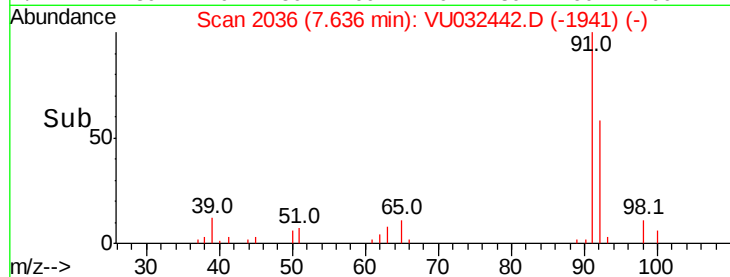
2000

1000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#47

Tetrachloroethene

Concen: 0.305 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032442.D

Acq: 04 Jun 2019 21:13

Tgt Ion:164 Resp: 1807

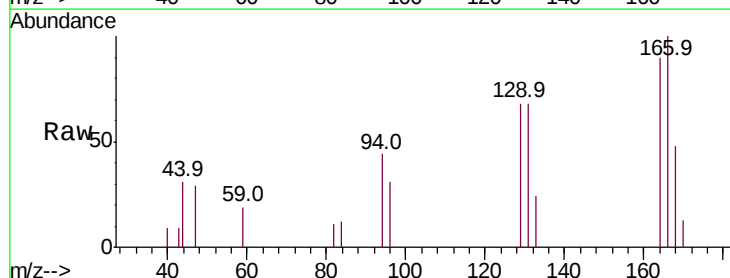
Ion Ratio Lower Upper

164 100

129 75.2 66.1 122.7

131 75.8 65.6 121.8

166 110.7 93.2 173.2



Abundance Ion 163.90 (163.60 to 164.60): VU032442.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032442.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032442.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032442.D (-2125) (-)

2000

1500

1000

500

0

Time-->

8.20 8.25

