

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032441.D
 Acq On : 04 Jun 2019 20:48
 Operator : JC/SP
 Sample : K3081-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE1

Quant Time: Jun 05 00:04:18 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	102028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33389	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.67	69	27203	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	51905	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.18	46	87102	47.05	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.64	84	59262	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	33477	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.33	84	126027	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.32	67	38198	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.56	98	120262	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
43) trans-1,3-Dichloropropene-	7.85	79	16114	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.31	63	77956	50.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32519	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	47818	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

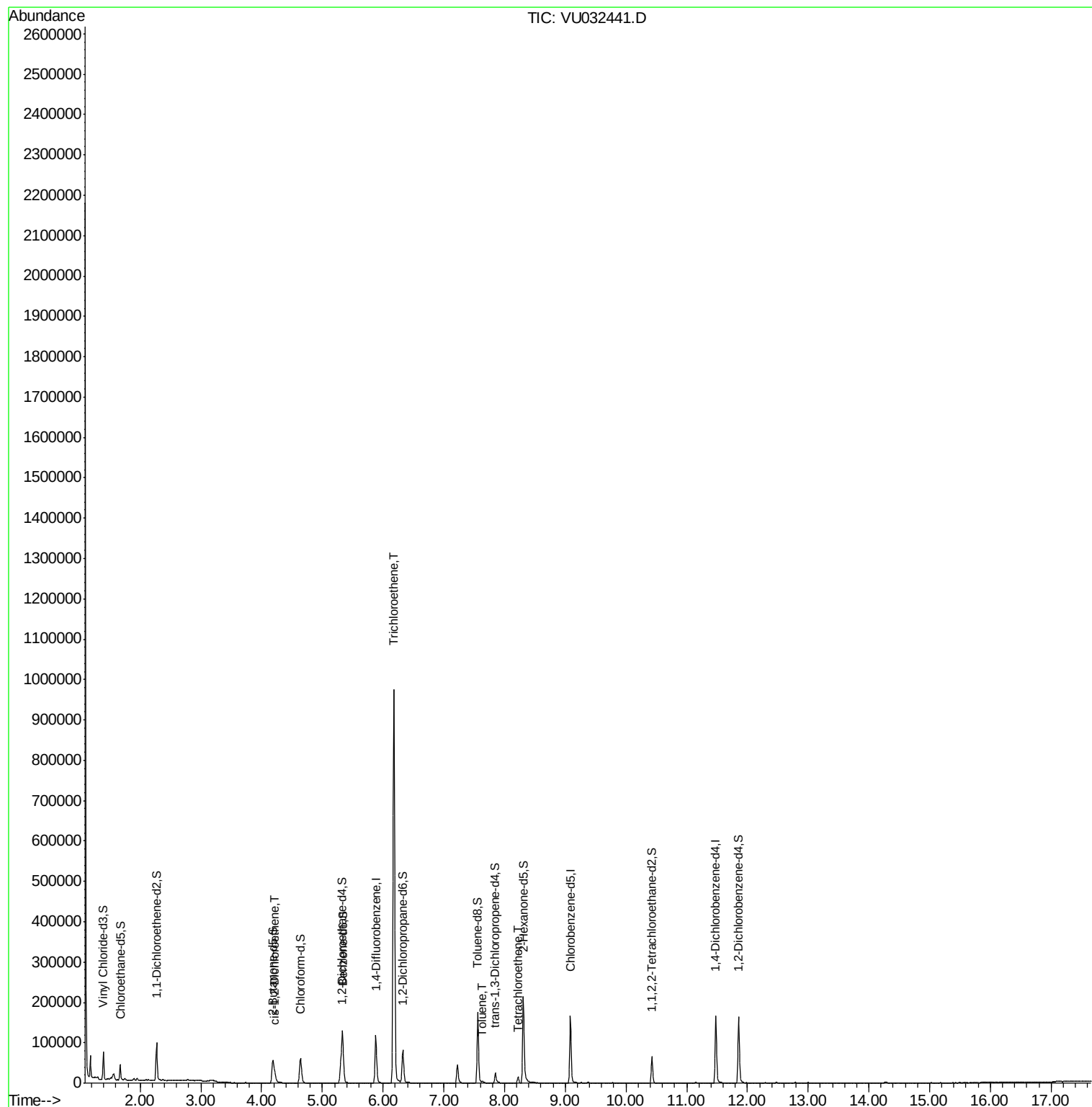
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	6309	0.797 ug/L	98
34) Trichloroethene	6.18	95	333083	41.861 ug/L	99
42) Toluene	7.64	91	3784	0.123 ug/L	95
47) Tetrachloroethene	8.22	164	3433	0.548 ug/L	94

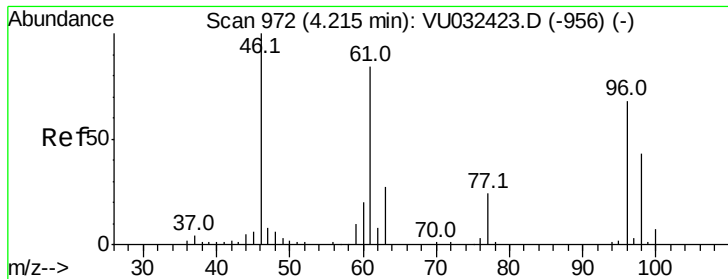
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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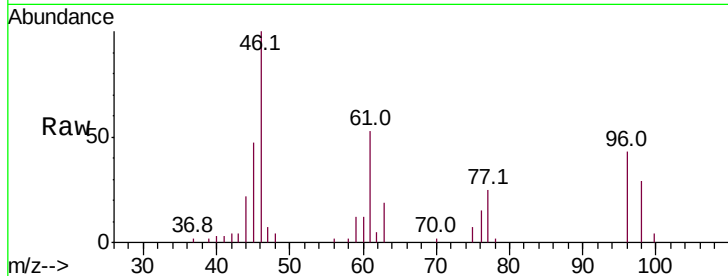


#22

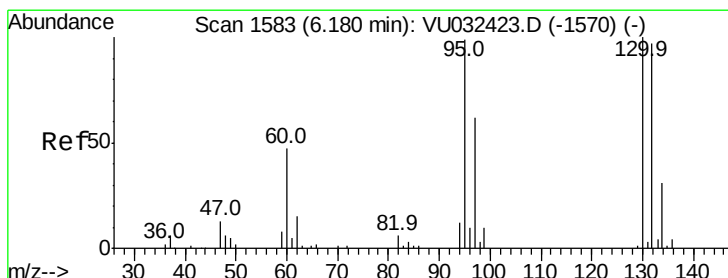
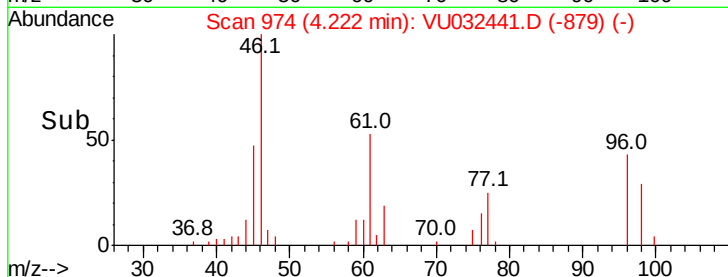
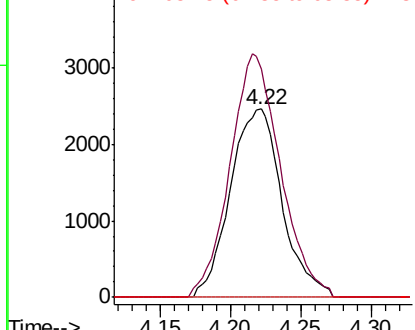
cis-1,2-Dichloroethene
Concen: 0.797 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Instrument :
MSVOA_U
ClientSampled :
GALE1

Tot Ion: 96 Resp: 6309
Ion Ratio Lower Upper
96 100
61 121.1 86.6 160.8
68 0.0 0.0 0.0



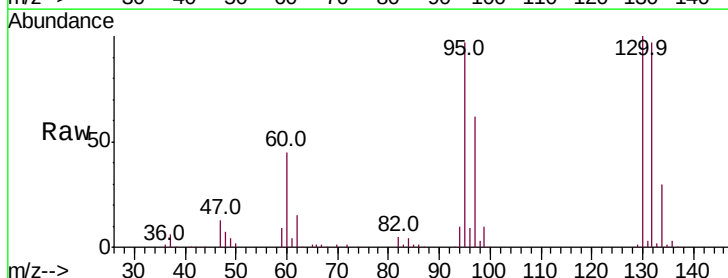
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



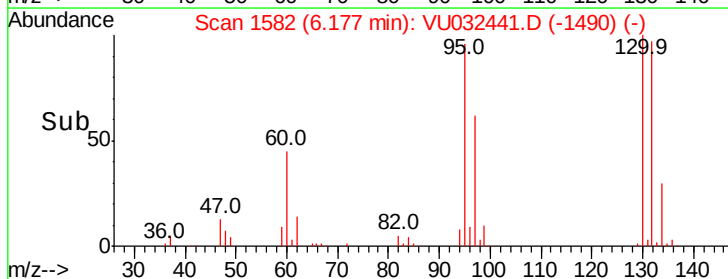
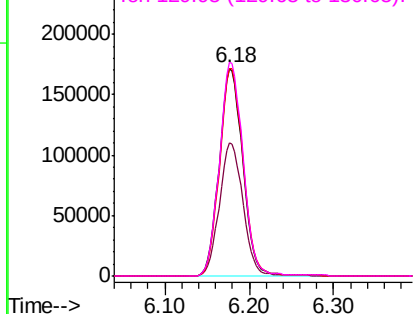
#34

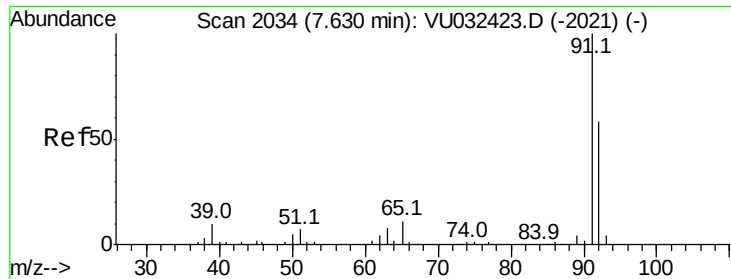
Trichloroethene
Concen: 41.861 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032441.D
Acq: 04 Jun 2019 20:48

Tgt Ion: 95 Resp: 333083
Ion Ratio Lower Upper
95 100
97 64.0 44.1 81.9
132 99.9 68.8 127.8
130 102.9 71.0 131.8



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 0.123 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032441.D

Acq: 04 Jun 2019 20:48

Instrument :

MSVOA_U

ClientSampleId :

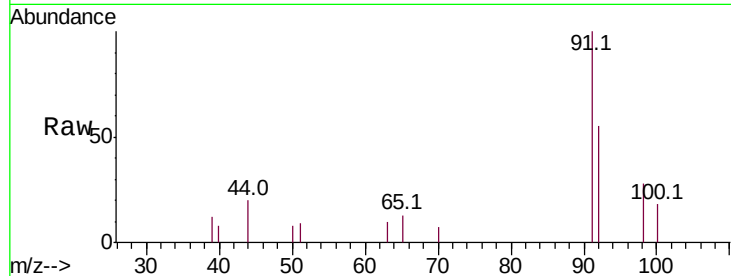
GALE1

Tot Ion: 91 Resp: 3784

Ion Ratio Lower Upper

91 100

92 54.8 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032423.D (-2021) (-)

Ion 92.15 (91.85 to 92.85): VU032423.D (-2021) (-)

7.64

2000

1500

1000

500

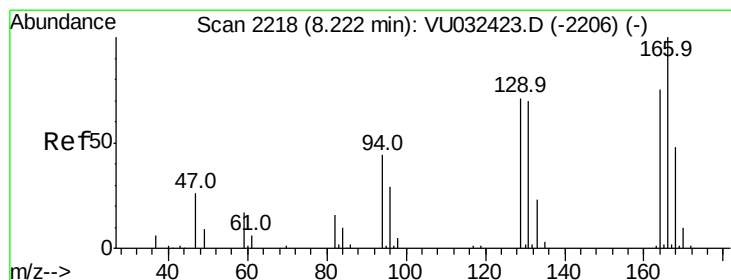
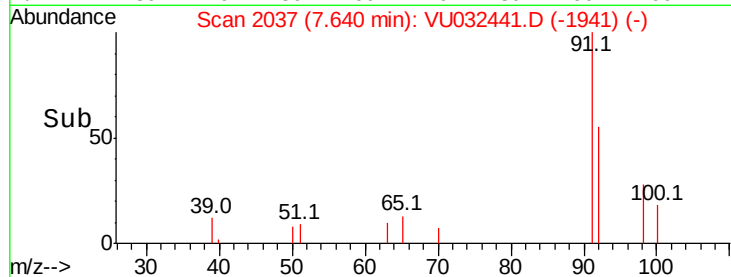
0

7.60

7.65

7.70

Time-->



#47

Tetrachloroethene

Concen: 0.548 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032441.D

Acq: 04 Jun 2019 20:48

Tgt Ion: 164 Resp: 3433

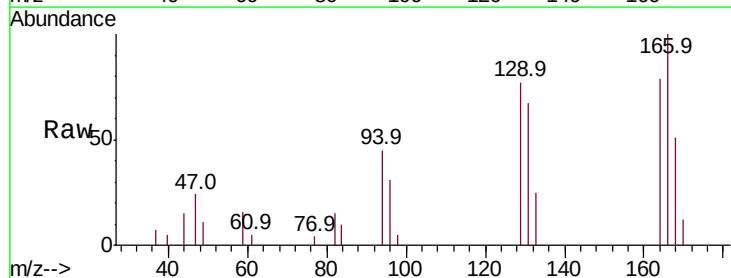
Ion Ratio Lower Upper

164 100

129 97.3 66.1 122.7

131 85.3 65.6 121.8

166 127.2 93.2 173.2



Abundance Ion 163.90 (163.60 to 164.60): VU032423.D (-2206) (-)

Ion 128.95 (128.65 to 129.65): VU032423.D (-2206) (-)

Ion 130.95 (130.65 to 131.65): VU032423.D (-2206) (-)

Ion 165.90 (165.60 to 166.60): VU032423.D (-2206) (-)

4000

3000

2000

1000

0

8.20

8.25

Time-->

