

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032858.D
 Acq On : 19 Jun 2019 15:11
 Operator : JC/SP
 Sample : K3413-24
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALH0

Quant Time: Jun 20 07:16:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28953	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	24830	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.27	63	47882	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.19	46	100656	59.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.50%
24) Chloroform-d	4.64	84	60387	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	5.30	65	36397	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.80%
32) Benzene-d6	5.33	84	116689	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.32	67	38370	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.56	98	106394	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.85	79	15093	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.31	63	76176	51.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33567	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	45573	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

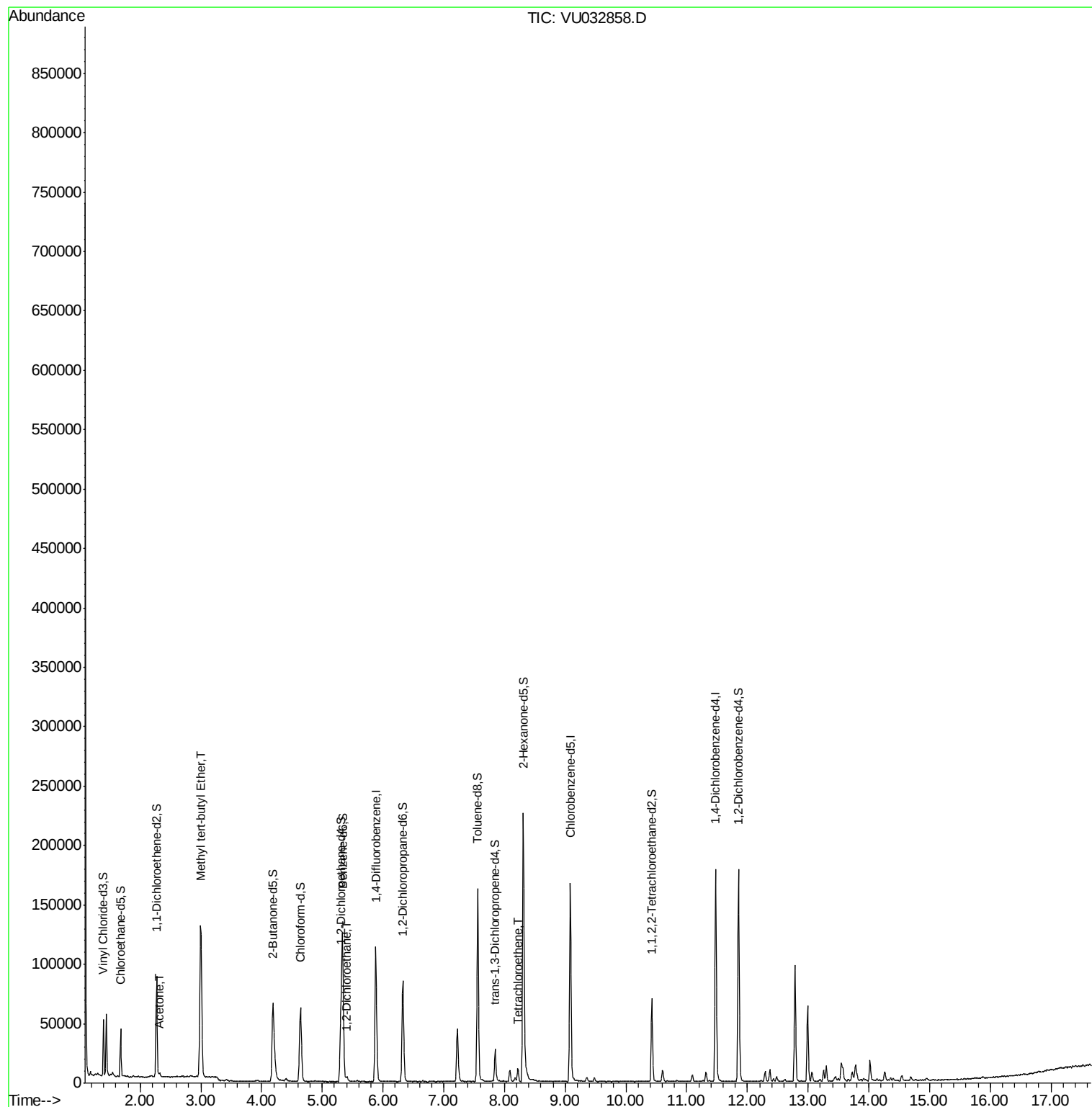
					Ovalue
13) Acetone	2.32	43	2805	2.146 ug/L	87
17) Methyl tert-butyl Ether	3.00	73	125080	7.251 ug/L	99
27) 1,2-Dichloroethane	5.40	62	3596	0.470 ug/L	97
47) Tetrachloroethene	8.22	164	2281	0.378 ug/L	95

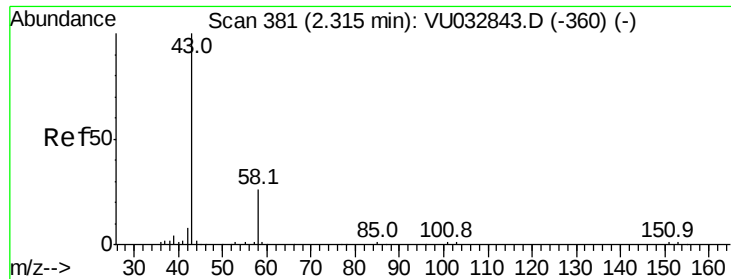
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.146 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032858.D

Acq: 19 Jun 2019 15:11

Instrument :

MSVOA_U

ClientSampleId :

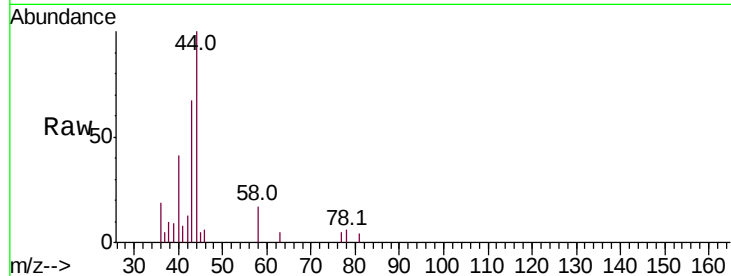
GALH0

Tot Ion: 43 Resp: 2805

Ion Ratio Lower Upper

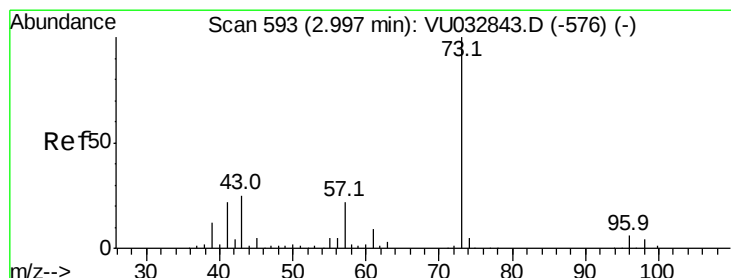
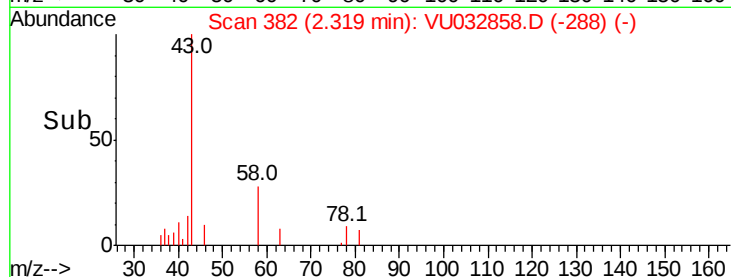
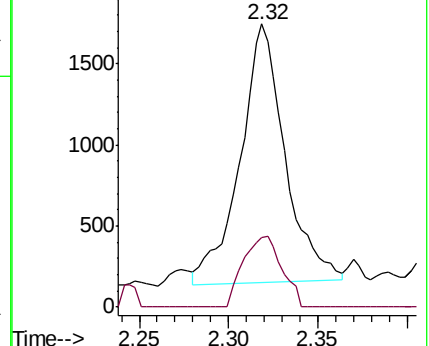
43 100

58 23.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032843.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU032843.D (-360) (-)



#17

Methyl tert-butyl Ether

Concen: 7.251 ug/L

RT: 3.00 min Scan# 593

Delta R.T. 0.00 min

Lab File: VU032858.D

Acq: 19 Jun 2019 15:11

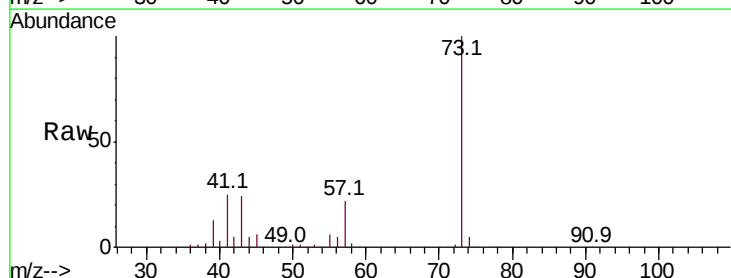
Tgt Ion: 73 Resp: 125080

Ion Ratio Lower Upper

73 100

43 23.9 18.6 27.8

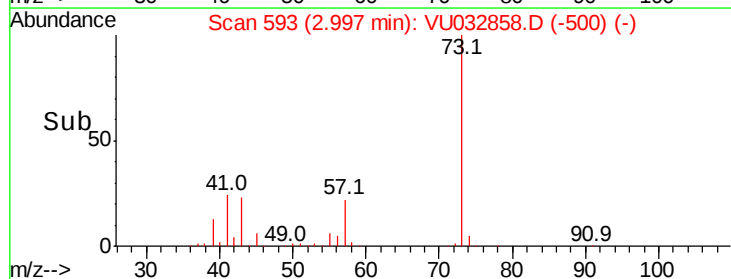
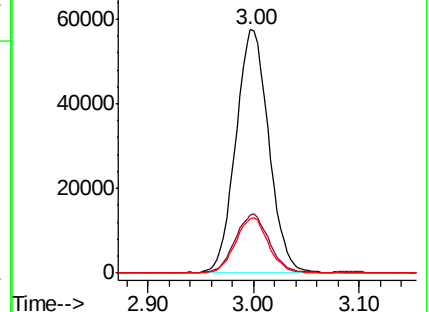
57 22.5 18.3 27.5

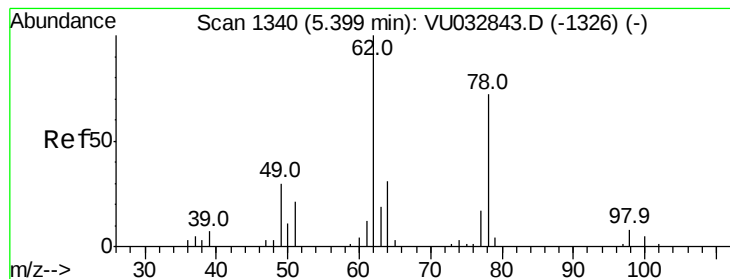


Abundance Ion 73.10 (72.80 to 73.80): VU032843.D (-576) (-)

Ion 43.05 (42.75 to 43.75): VU032843.D (-576) (-)

Ion 57.10 (56.80 to 57.80): VU032843.D (-576) (-)





#27

1,2-Dichloroethane

Concen: 0.470 ug/L

RT: 5.40 min Scan# 1341

Delta R.T. 0.00 min

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Acq: 19 Jun 2019 15:11

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ClientSampleId :

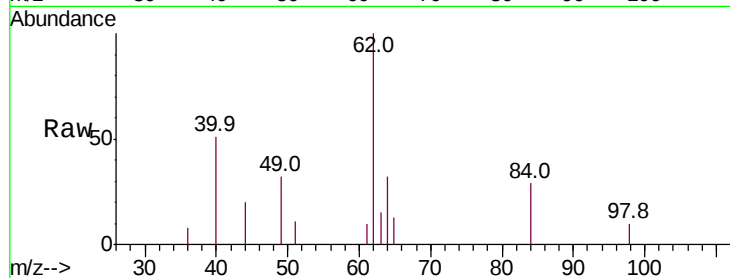
GALH0

Tot Ion: 62 Resp: 3596

Ion Ratio Lower Upper

62 100

98 9.8 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VU032843.D (-1326) (-)

Ion 98.05 (97.75 to 98.75): VU032843.D (-1326) (-)

5.40

1500

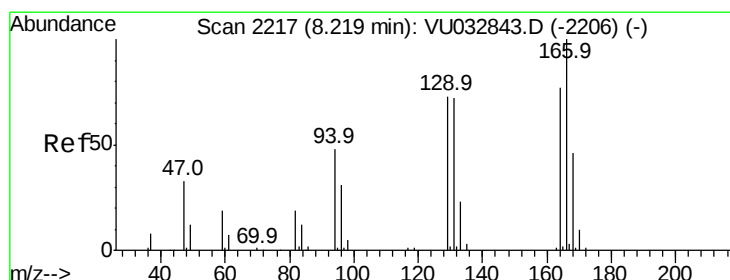
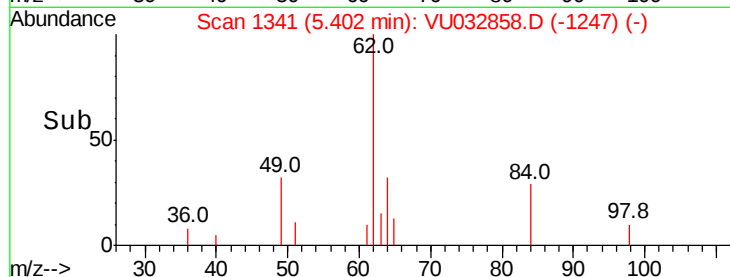
1000

500

0

Time-->

5.35 5.40 5.45



#47

Tetrachloroethene

Concen: 0.378 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032858.D

Acq: 19 Jun 2019 15:11

Tgt Ion:164 Resp: 2281

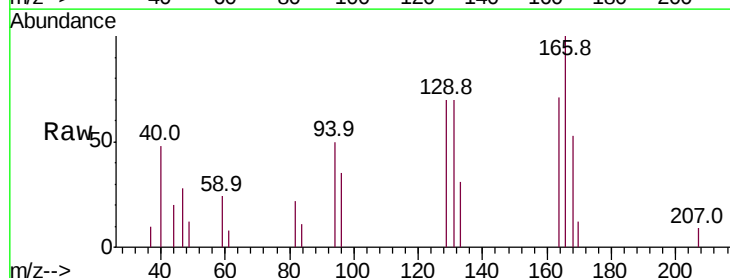
Ion Ratio Lower Upper

164 100

129 98.3 66.1 122.7

131 98.3 65.6 121.8

166 139.9 93.2 173.2



Abundance Ion 163.90 (163.60 to 164.60): VU032843.D (-2206) (-)

Ion 128.95 (128.65 to 129.65): VU032843.D (-2206) (-)

Ion 130.95 (130.65 to 131.65): VU032843.D (-2206) (-)

Ion 165.90 (165.60 to 166.60): VU032843.D (-2206) (-)

2500

2000

1500

1000

500

0

Time-->

8.20 8.22 8.25

