

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035342.D
 Acq On : 22 Oct 2019 00:13
 Operator : JC/SP
 Sample : K5458-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0K27

Quant Time: Oct 22 07:53:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 06:40:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	279109	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	284131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	106577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	123884	7.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	145.60%#
7) Chloroethane-d5	1.93	69	104590	6.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.40%#
11) 1,1-Dichloroethene-d2	2.60	63	158632	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.70	46	269478	55.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.20%
24) Chloroform-d	5.11	84	194558	6.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.20%#
26) 1,2-Dichloroethane-d4	5.75	65	107763	6.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.00%
32) Benzene-d6	5.77	84	397260	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.20%
36) 1,2-Dichloropropane-d6	6.74	67	125678	6.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.80%
41) Toluene-d8	7.93	98	353549	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
43) trans-1,3-Dichloropropene-	8.22	79	47178	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.69	63	219607	49.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101930	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	114498	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

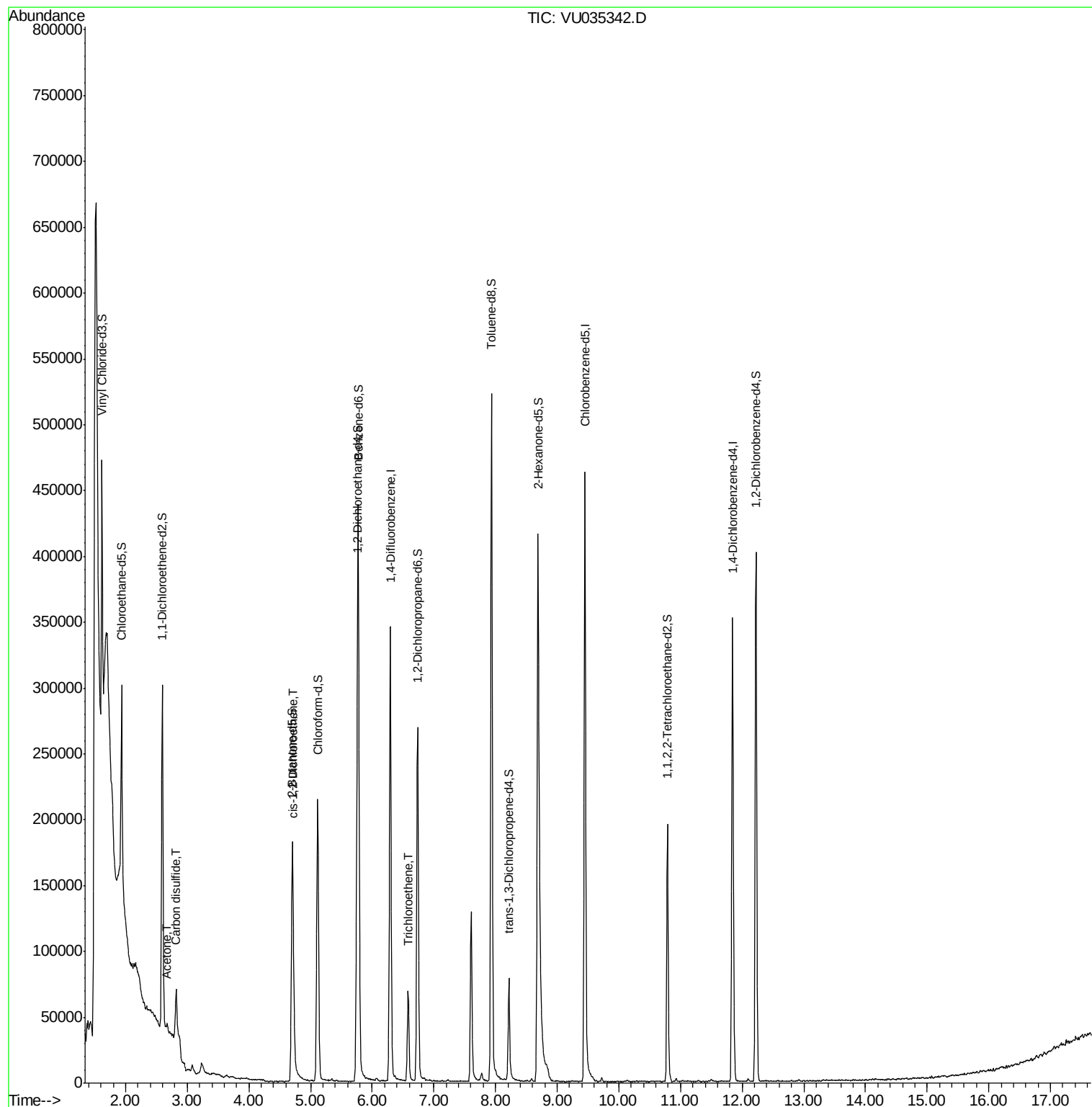
					Ovalue
13) Acetone	2.67	43	4368	1.284 ug/L	86
14) Carbon disulfide	2.82	76	11448	0.202 ug/L #	88
22) cis-1,2-Dichloroethene	4.72	96	8949	0.418 ug/L	88
34) Trichloroethene	6.58	95	23368	1.040 ug/L	97

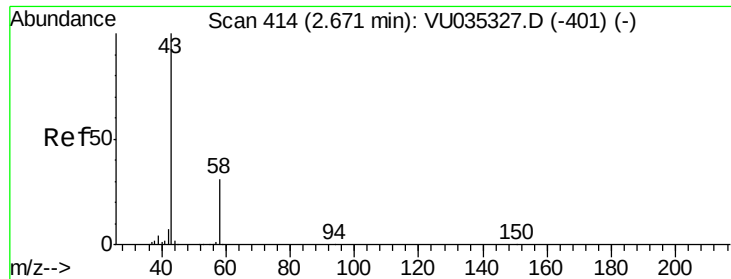
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.284 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

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ClientSampleId :

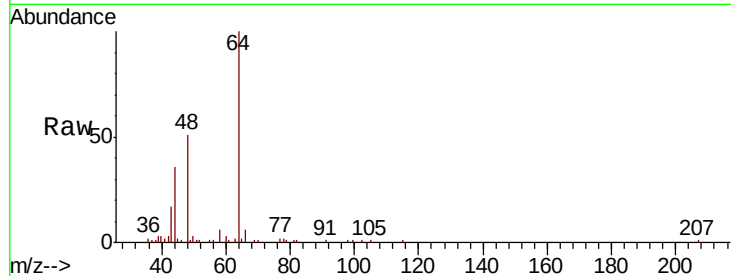
C0K27

Tot Ion: 43 Resp: 4368

Ion Ratio Lower Upper

43 100

58 38.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035327.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU035327.D (-401) (-)

2.67

3000

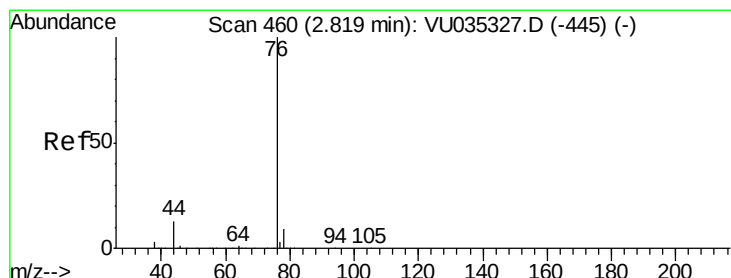
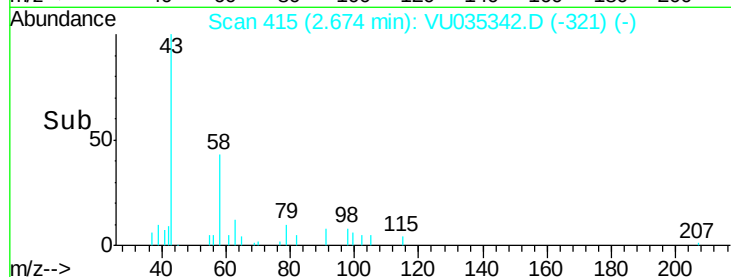
2000

1000

0

2.65 2.70

Time-->



#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035342.D

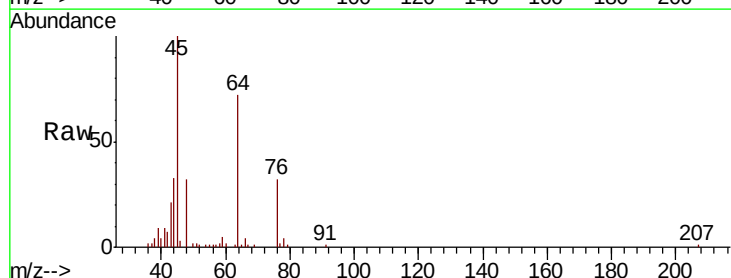
Acq: 22 Oct 2019 00:13

Tgt Ion: 76 Resp: 11448

Ion Ratio Lower Upper

76 100

78 13.8 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU035327.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035327.D (-445) (-)

2.82

6000

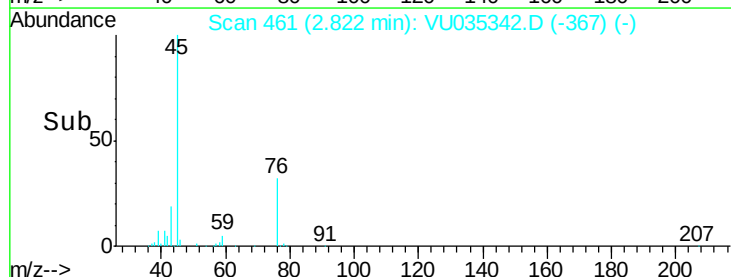
4000

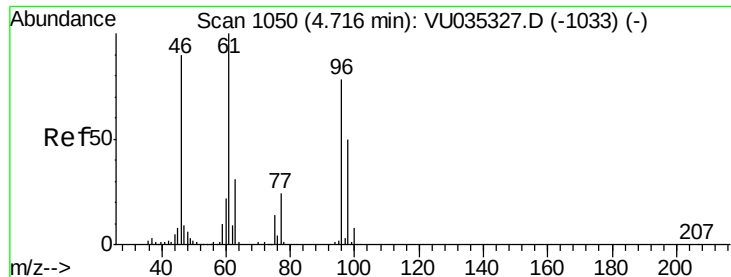
2000

0

2.80 2.85

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.418 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035342.D

Acq: 22 Oct 2019 00:13

Instrument :

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ClientSampleId :

C0K27

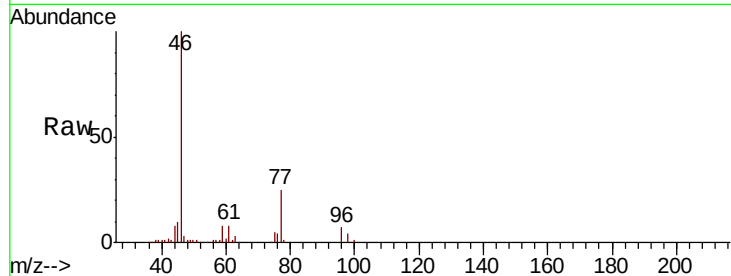
Tot Ion: 96 Resp: 8949

Ion Ratio Lower Upper

96 100

61 114.1 89.7 166.5

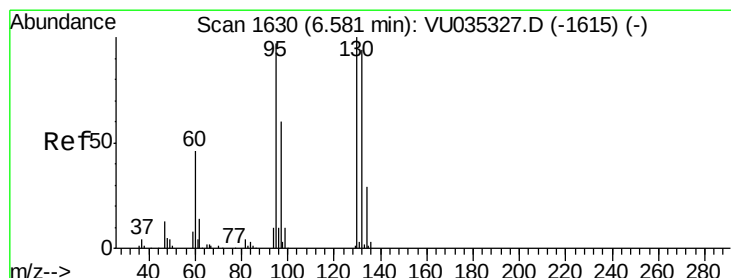
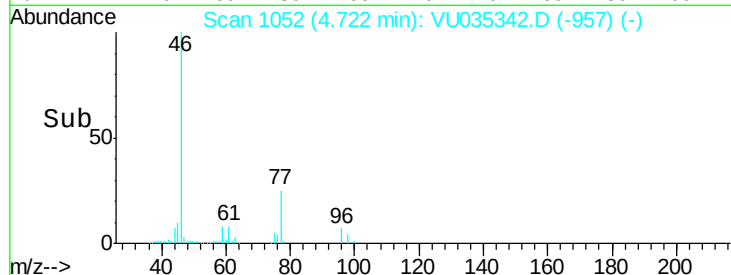
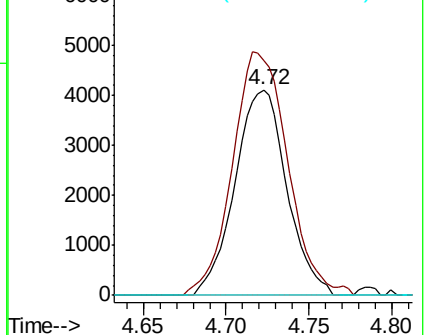
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035342.D (-1537) (-)

Ion 61.05 (60.75 to 61.75): VU035342.D (-1537) (-)

Ion 68.15 (67.85 to 68.85): VU035342.D (-1537) (-)



#34

Trichloroethene

Concen: 1.040 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035342.D

Acq: 22 Oct 2019 00:13

Tgt Ion: 95 Resp: 23368

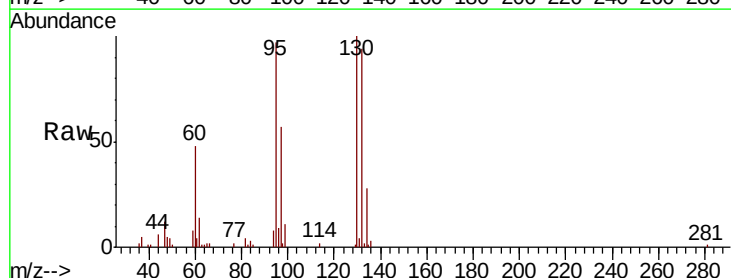
Ion Ratio Lower Upper

95 100

97 59.2 46.6 86.6

132 97.6 68.7 127.7

130 103.3 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU035342.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035342.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035342.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035342.D (-1537) (-)

