

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035333.D
 Acq On : 21 Oct 2019 20:31
 Operator : JC/SP
 Sample : K5421-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA4

Quant Time: Oct 22 07:17:32 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	316121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	308430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117198	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	87488	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.93	69	82108	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	118588	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.71	46	261474	47.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	5.11	84	170929	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	96730	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.77	84	340608	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.74	67	112707	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	306536	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.22	79	44228	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.69	63	211319	44.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96324	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	105065	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

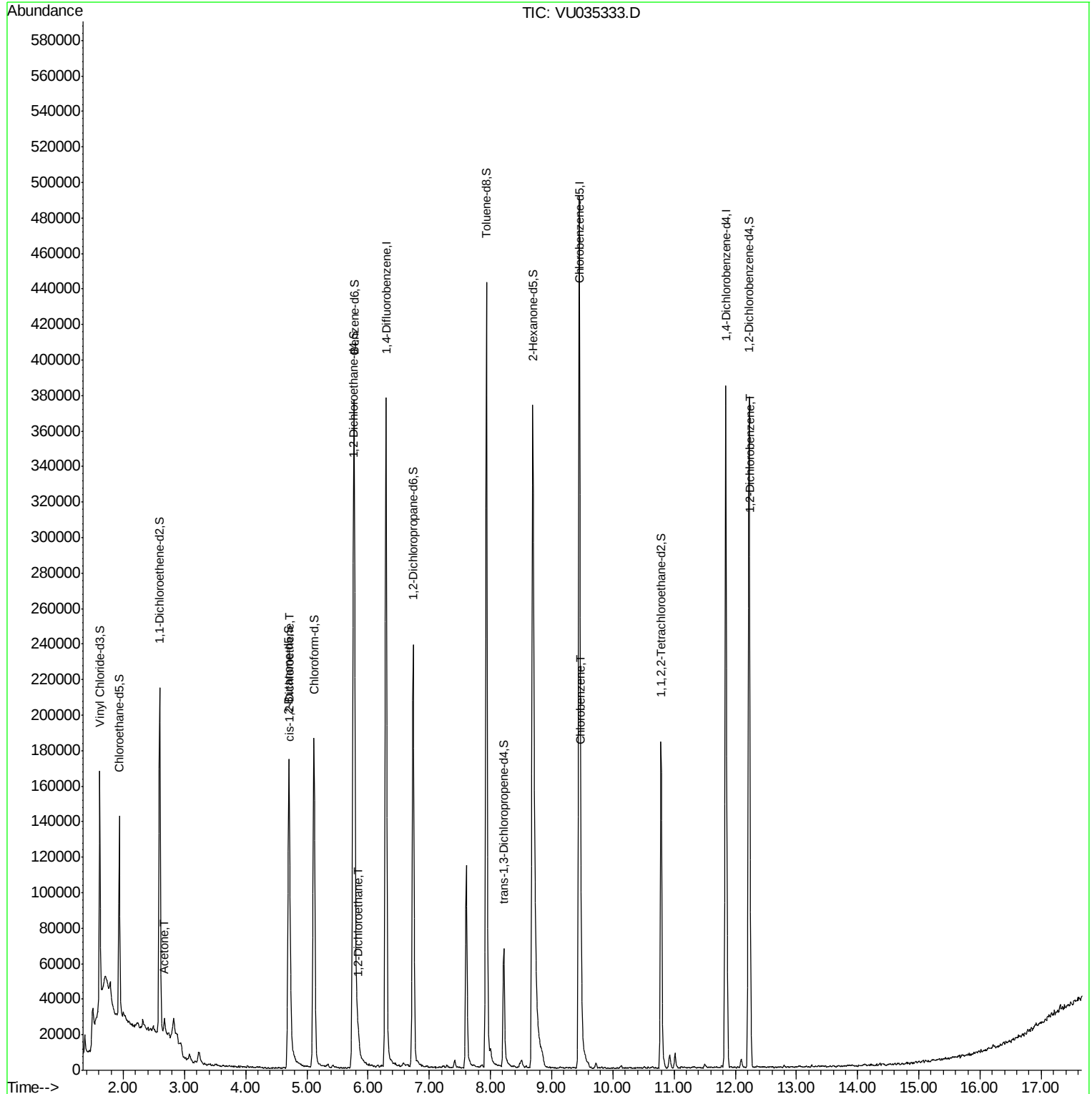
					Ovalue
13) Acetone	2.67	43	8673	2.251	ug/L 97
22) cis-1,2-Dichloroethene	4.72	96	6397	0.264	ug/L 86
27) 1,2-Dichloroethane	5.84	62	4969	0.186	ug/L # 92
51) Chlorobenzene	9.48	112	32521	0.503	ug/L 95
65) 1,2-Dichlorobenzene	12.24	146	19804	0.527	ug/L 97

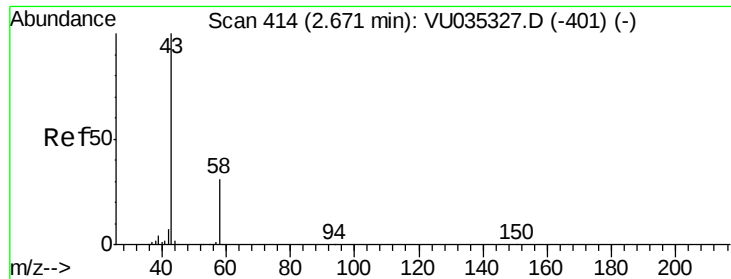
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.251 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

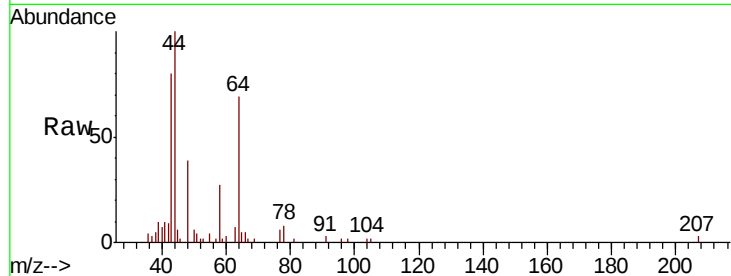
C0AA4

Tot Ion: 43 Resp: 8673

Ion Ratio Lower Upper

43 100

58 32.3 0.0 61.8

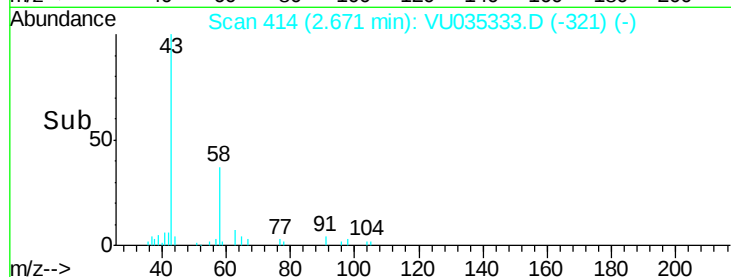


Abundance Ion 43.05 (42.75 to 43.75): VU035333.D (-321) (-)

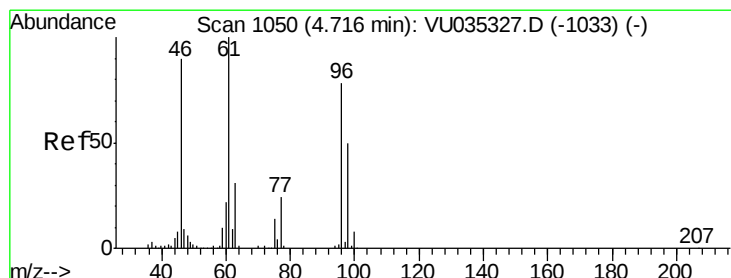
Ion 58.05 (57.75 to 58.75): VU035333.D (-321) (-)

2.67

Time--> 2.60 2.65 2.70



Time--> 2.60 2.65 2.70



#22

cis-1,2-Dichloroethene

Concen: 0.264 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

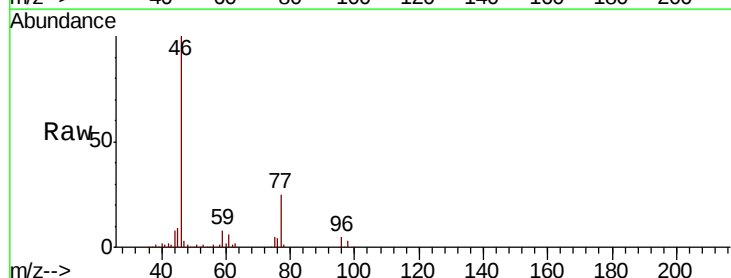
Tgt Ion: 96 Resp: 6397

Ion Ratio Lower Upper

96 100

61 112.0 89.7 166.5

68 0.0 0.0 0.0



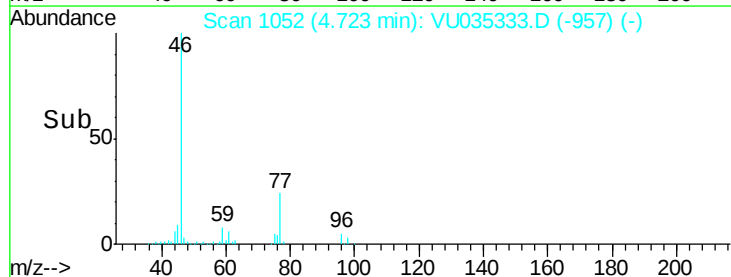
Abundance Ion 96.00 (95.70 to 96.70): VU035333.D (-957) (-)

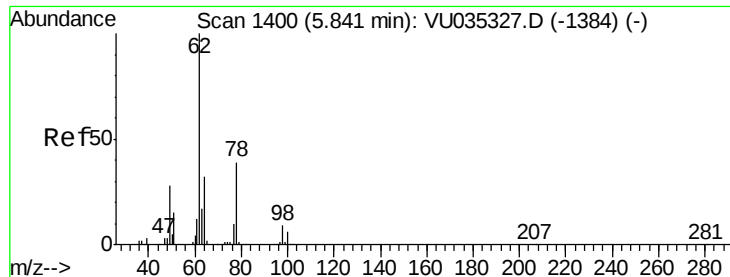
Ion 61.05 (60.75 to 61.75): VU035333.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035333.D (-957) (-)

4.72

Time--> 4.65 4.70 4.75 4.80





#27

1,2-Dichloroethane

Concen: 0.186 ug/L

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

Instrument :

MSVOA_U

ClientSampleId :

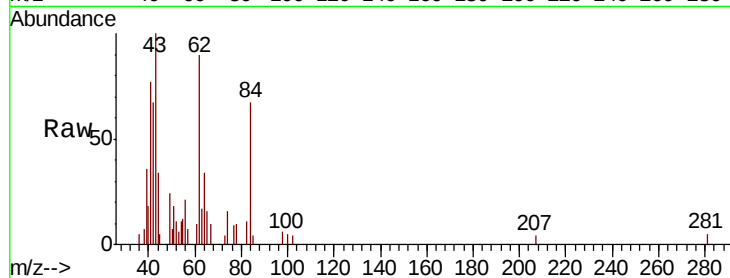
C0AA4

Tot Ion: 62 Resp: 4969

Ion Ratio Lower Upper

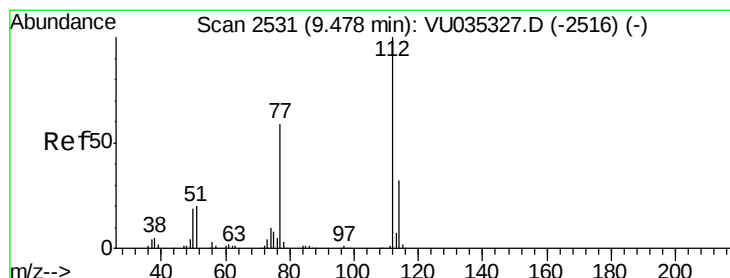
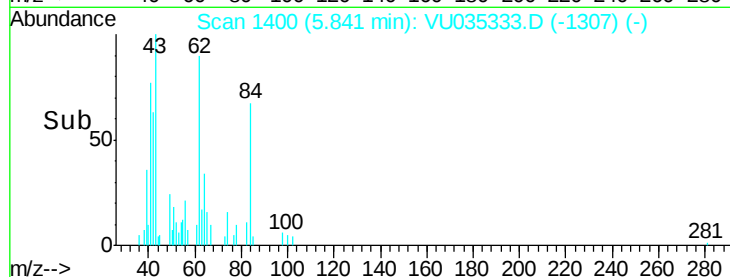
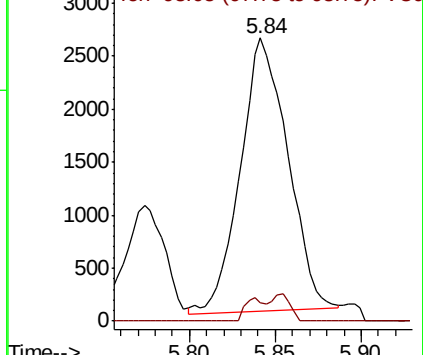
62 100

98 6.7 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VU035327.D (-1384) (-)

Ion 98.05 (97.75 to 98.75): VU035327.D (-1384) (-)



#51

Chlorobenzene

Concen: 0.503 ug/L

RT: 9.48 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU035333.D

Acq: 21 Oct 2019 20:31

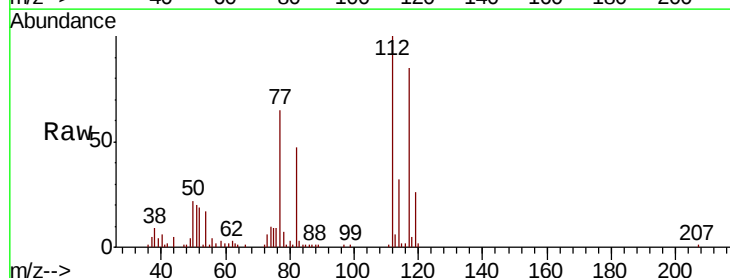
Tgt Ion: 112 Resp: 32521

Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.8

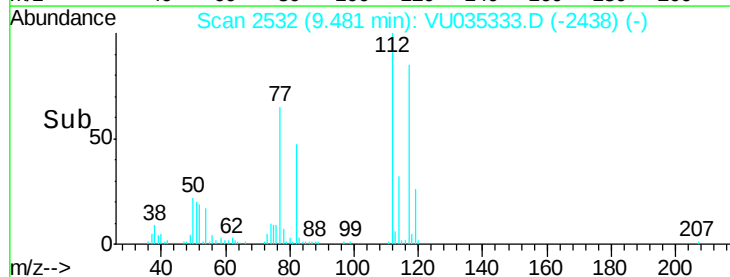
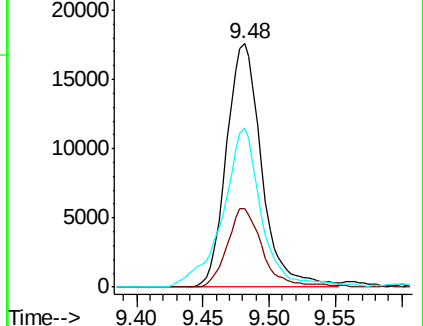
77 65.4 47.5 71.3

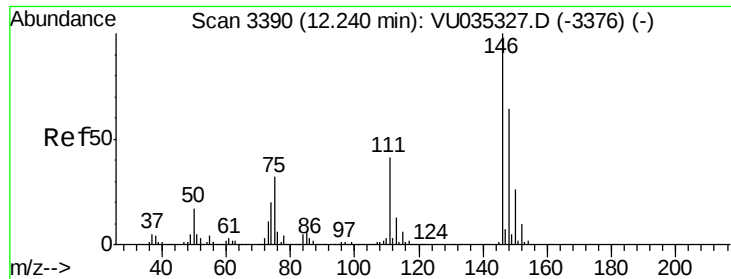


Abundance Ion 112.10 (111.80 to 112.80): VU035327.D (-2516) (-)

Ion 114.05 (113.75 to 114.75): VU035327.D (-2516) (-)

Ion 77.10 (76.80 to 77.80): VU035327.D (-2516) (-)





#65
 1,2-Dichlorobenzene
 Concen: 0.527 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VU035333.D
 Acq: 21 Oct 2019 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA4

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	33.0	49.6
148	66.5	51.0	76.4

