

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035334.D
 Acq On : 21 Oct 2019 20:56
 Operator : JC/SP
 Sample : K5421-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA6

Quant Time: Oct 22 07:19:19 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	306451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	81760	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	80558	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	120763	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.71	46	261038	48.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	5.11	84	172585	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.75	65	92827	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	335729	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.74	67	111496	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	303989	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.22	79	43423	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.69	63	212120	44.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94479	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	101186	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

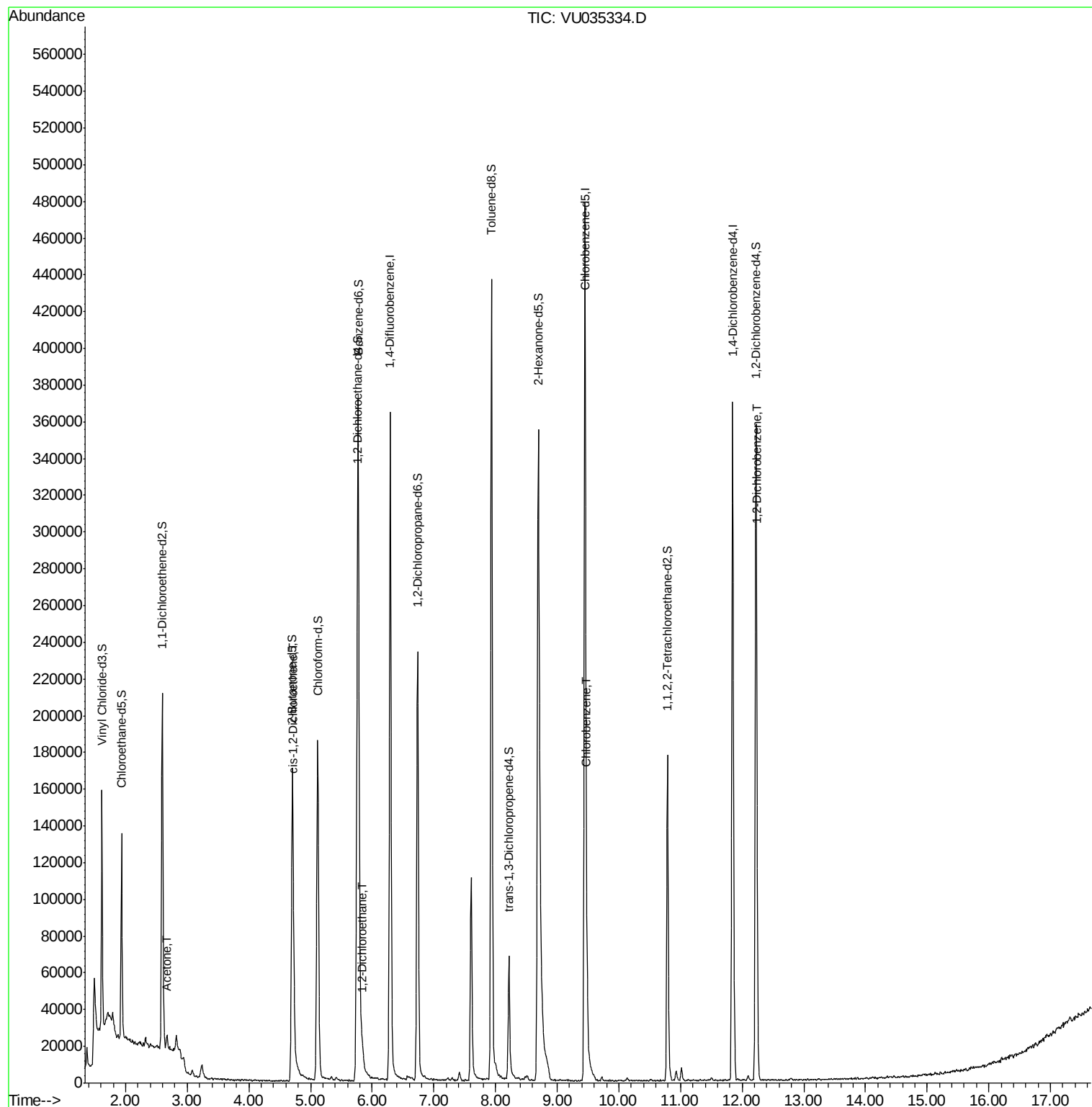
					Ovalue
13) Acetone	2.67	43	9072	2.429	ug/L 100
22) cis-1,2-Dichloroethene	4.73	96	4666	0.199	ug/L 90
27) 1,2-Dichloroethane	5.84	62	4440	0.172	ug/L 100
51) Chlorobenzene	9.48	112	26953	0.422	ug/L 97
65) 1,2-Dichlorobenzene	12.24	146	19422	0.536	ug/L 97

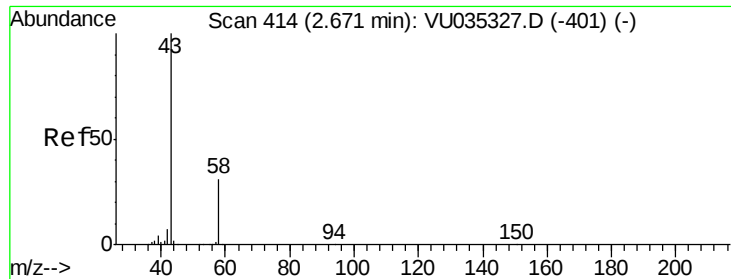
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.429 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

Instrument :

MSVOA_U

ClientSampled :

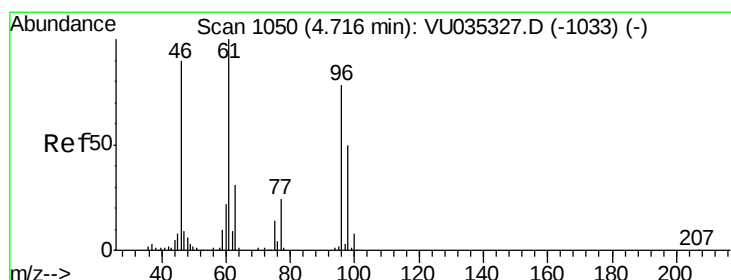
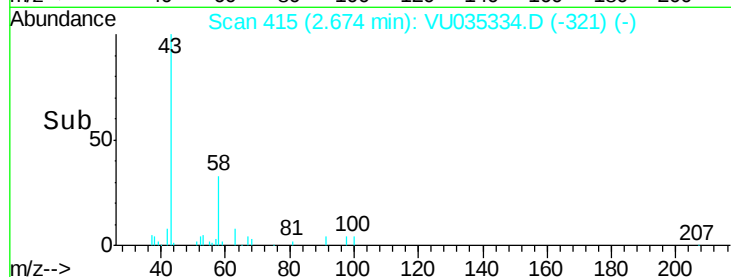
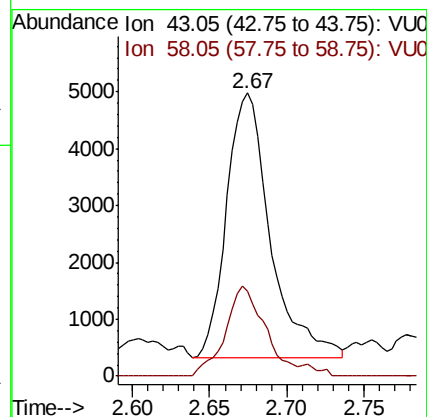
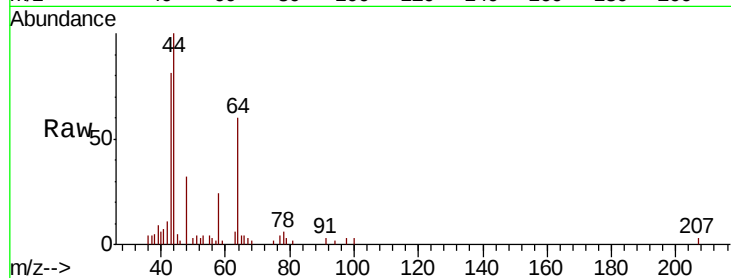
C0AA6

Tot Ion: 43 Resp: 9072

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.8



#22

cis-1,2-Dichloroethene

Concen: 0.199 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

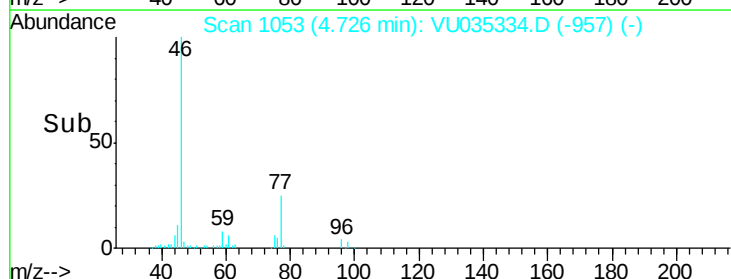
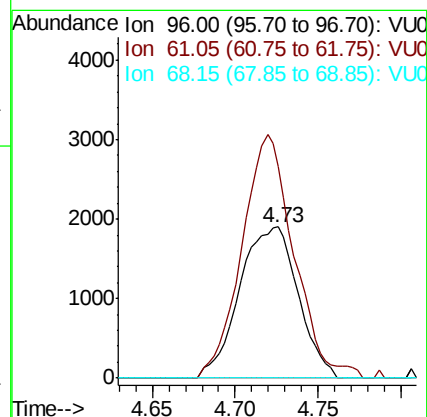
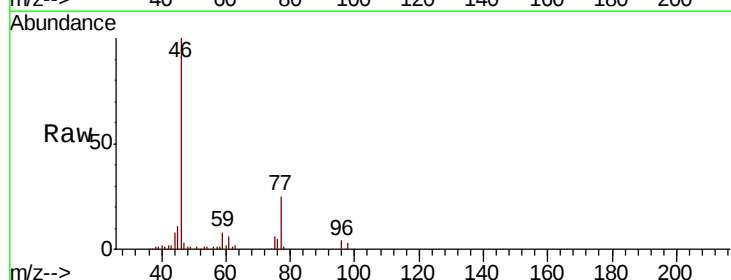
Tgt Ion: 96 Resp: 4666

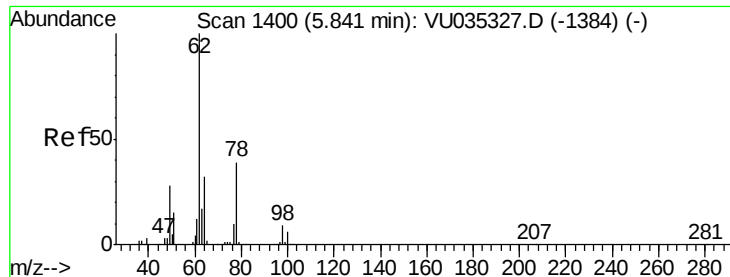
Ion Ratio Lower Upper

96 100

61 139.7 89.7 166.5

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.172 ug/L

RT: 5.84 min Scan# 1401

Delta R.T. 0.00 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

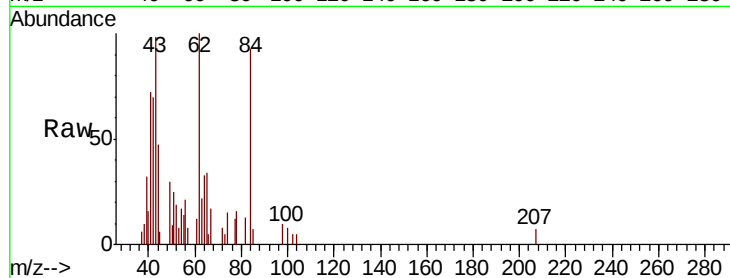
C0AA6

Tot Ion: 62 Resp: 4440

Ion Ratio Lower Upper

62 100

98 9.7 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) (-)

5.84

2500

2000

1500

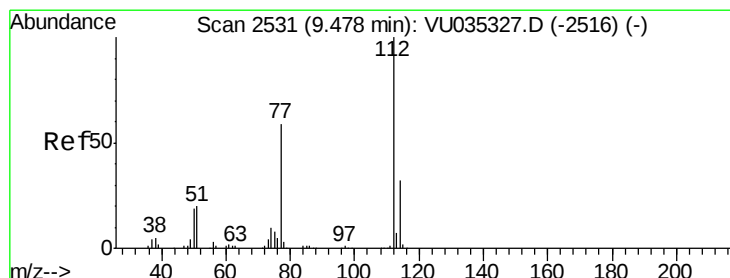
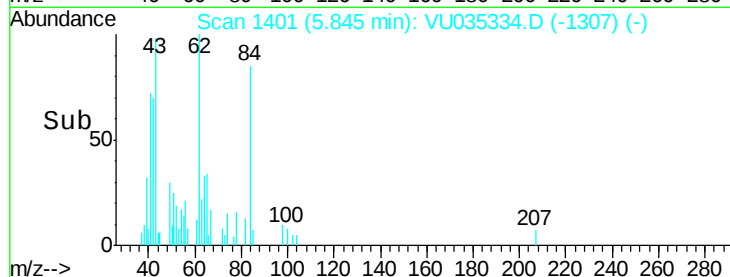
1000

500

0

5.80 5.85 5.90

Time-->



#51

Chlorobenzene

Concen: 0.422 ug/L

RT: 9.48 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

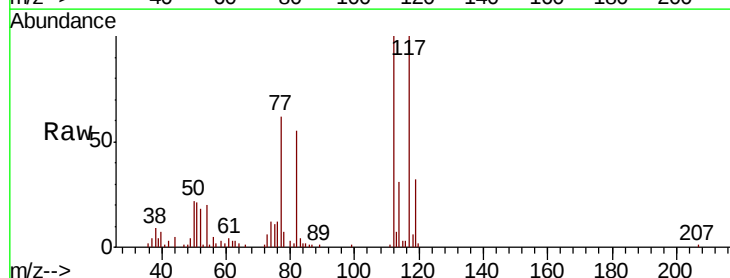
Tgt Ion: 112 Resp: 26953

Ion Ratio Lower Upper

112 100

114 31.4 23.0 42.8

77 61.9 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) (-)

20000

15000

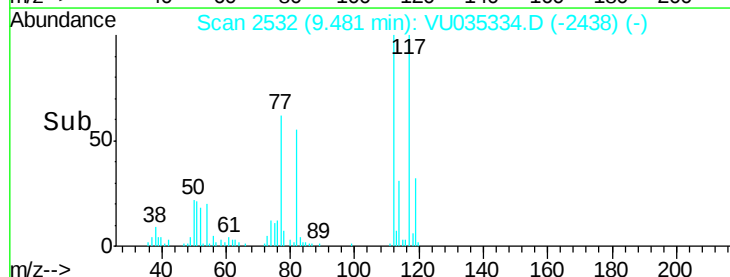
10000

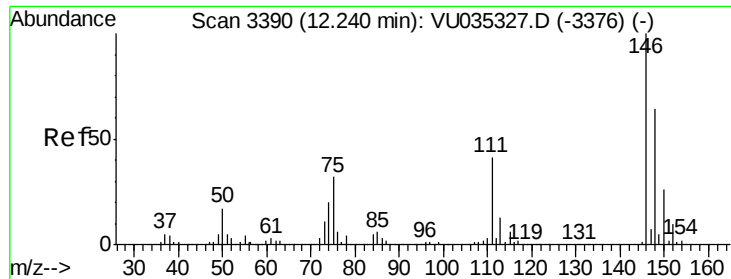
5000

0

9.40 9.45 9.50 9.55

Time-->

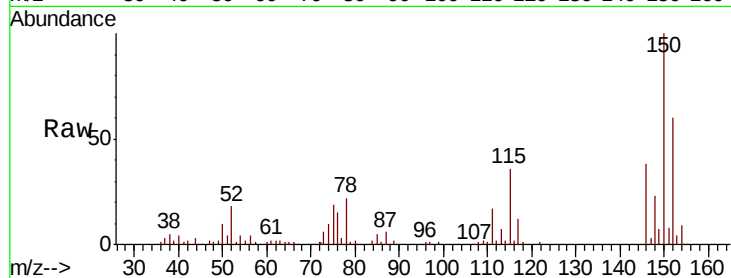




#65
 1,2-Dichlorobenzene
 Concen: 0.536 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VU035334.D
 Acq: 21 Oct 2019 20:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA6

Tot Ion:146 Resp: 19422
 Ion Ratio Lower Upper
 146 100
 111 43.1 33.0 49.6
 148 60.6 51.0 76.4



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

