

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\
 Data File : VU029745.D
 Acq On : 28 Feb 2019 18:03
 Operator : JC/SP
 Sample : K1577-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJZ4

Quant Time: Mar 01 01:51:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 00:18:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	241350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	232338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119963	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65181	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	65344	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.27	63	101664	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.19	46	213671	59.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.92%
24) Chloroform-d	4.65	84	142826	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.31	65	75936	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	296391	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.33	67	93368	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	262257	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.85	79	33884	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.31	63	204581	58.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83350	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	114850	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

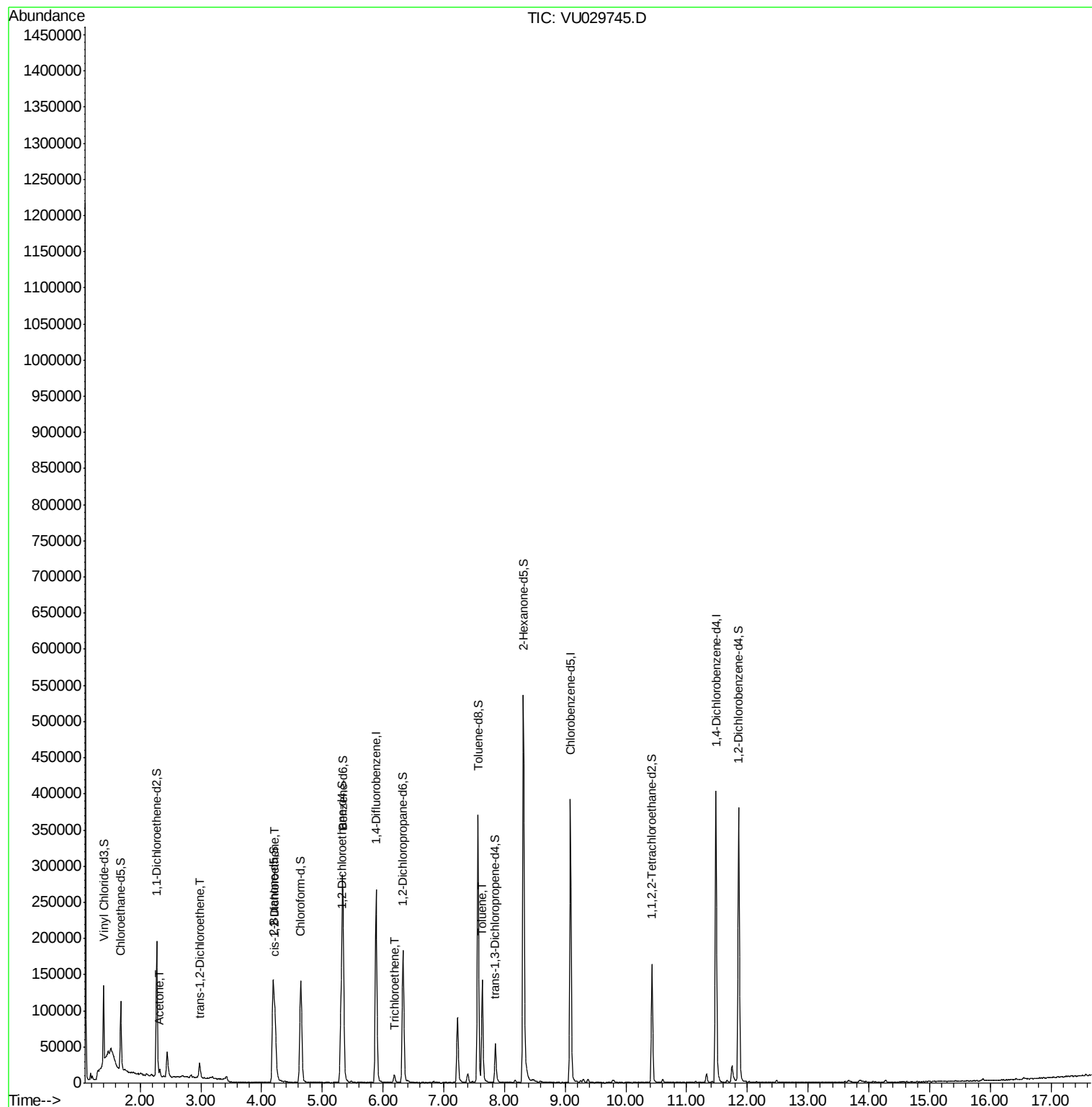
					Qvalue
13) Acetone	2.32	43	6997	2.733 ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	8614	0.442 ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	34888	1.955 ug/L	98
34) Trichloroethene	6.18	95	4011	0.234 ug/L	87
42) Toluene	7.64	91	108733	1.561 ug/L	98

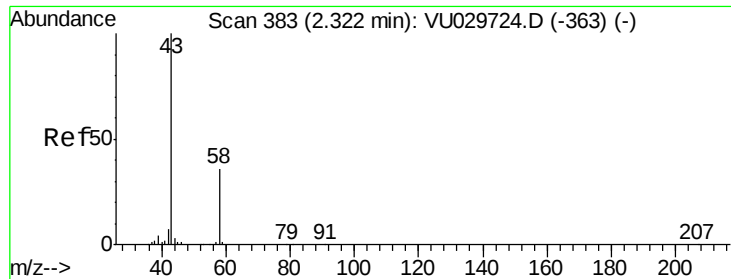
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.733 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029745.D

Acq: 28 Feb 2019 18:03

Instrument :

MSVOA_U

ClientSampled :

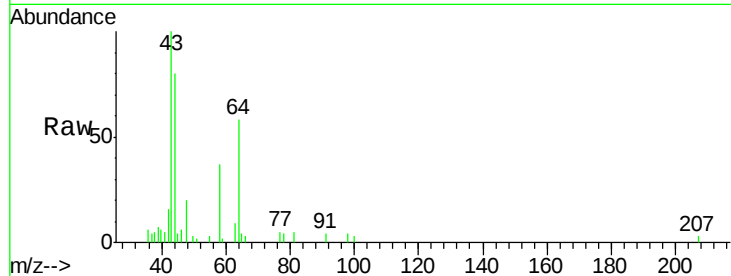
CWJZ4

Tgt Ion: 43 Resp: 6997

Ion Ratio Lower Upper

43 100

58 37.2 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

5000

4000

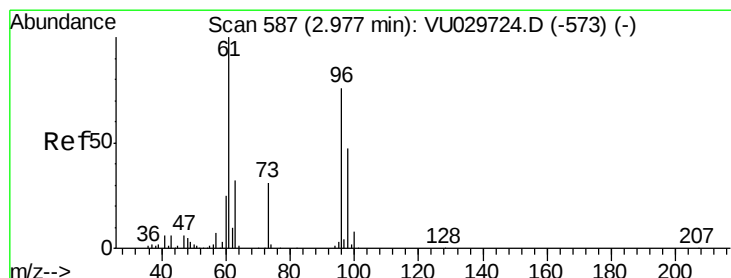
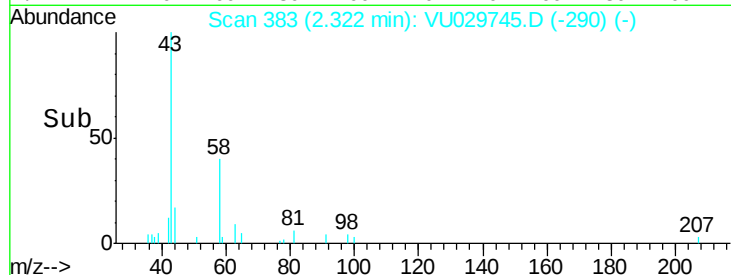
3000

2000

1000

0

Time--> 2.25 2.30 2.35 2.40



#18

trans-1,2-Dichloroethene

Concen: 0.442 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU029745.D

Acq: 28 Feb 2019 18:03

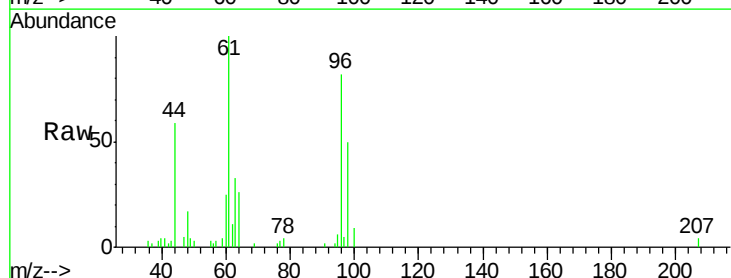
Tgt Ion: 96 Resp: 8614

Ion Ratio Lower Upper

96 100

61 121.3 90.3 167.7

98 61.2 45.2 84.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

8000

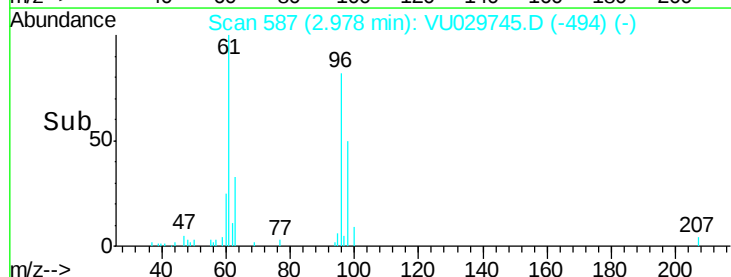
6000

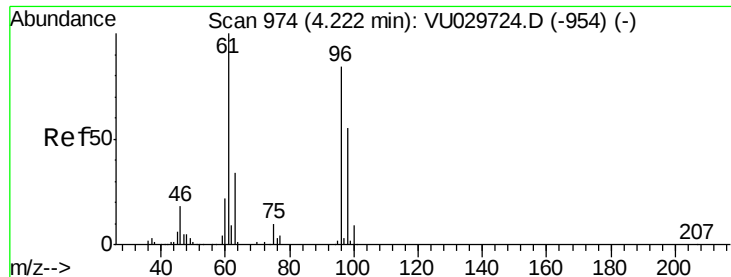
4000

2000

0

Time--> 2.95 3.00 3.05



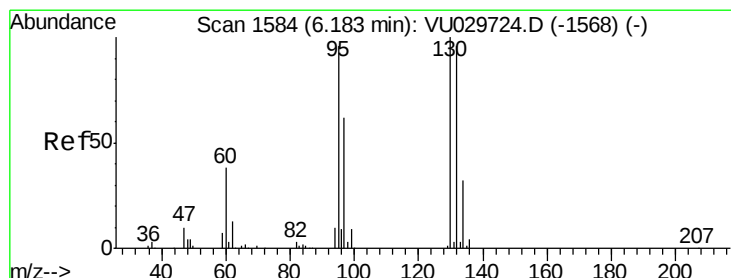
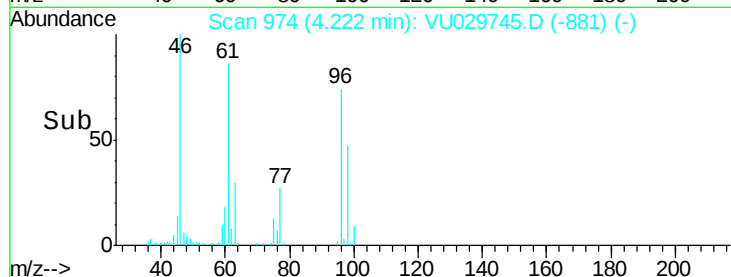
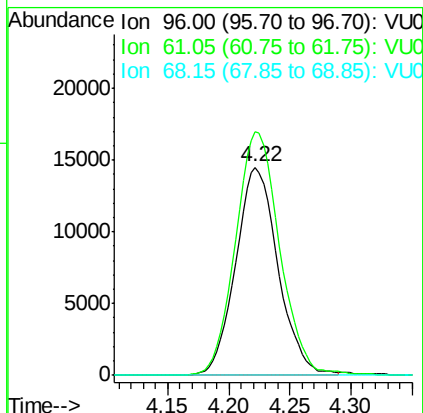
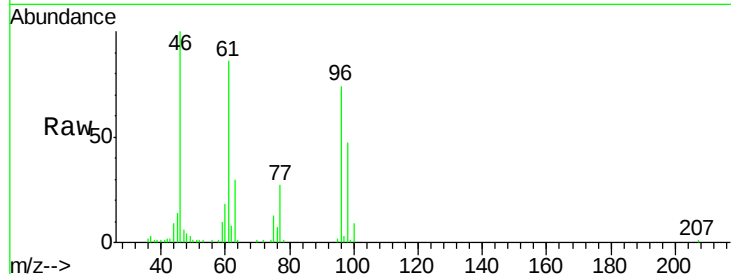


#22

cis-1,2-Dichloroethene
Concen: 1.955 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
CWJZ4

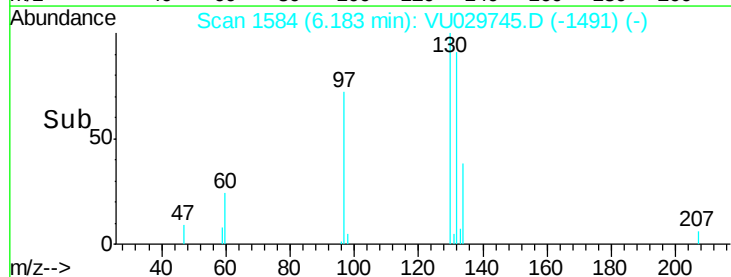
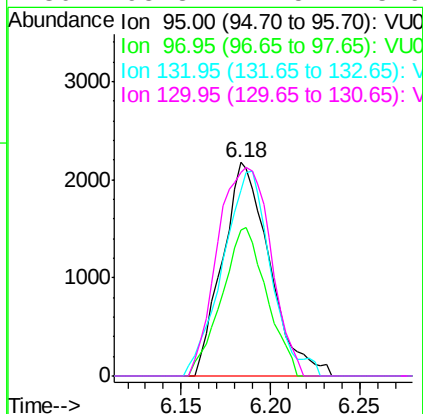
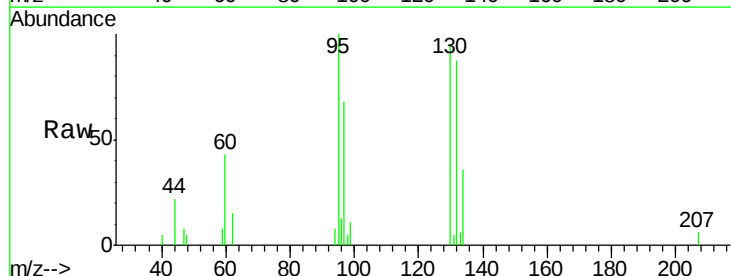
Tgt Ion: 96 Resp: 34888
Ion Ratio Lower Upper
96 100
61 117.2 80.2 149.0
68 0.0 0.0 0.0

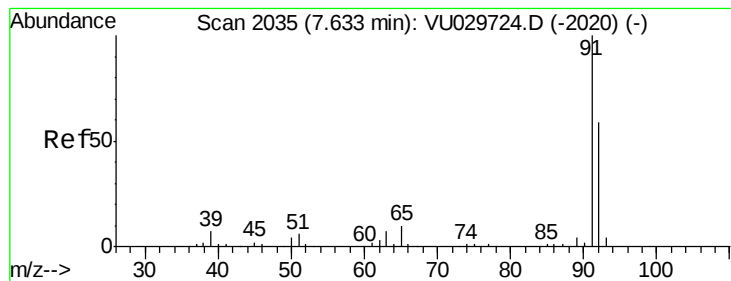


#34

Trichloroethene
Concen: 0.234 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion: 95 Resp: 4011
Ion Ratio Lower Upper
95 100
97 68.3 45.6 84.8
132 86.7 72.9 135.3
130 95.3 77.5 143.9





#42

Toluene

Concen: 1.561 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029745.D

Acq: 28 Feb 2019 18:03

Instrument :

MSVOA_U

ClientSampleId :

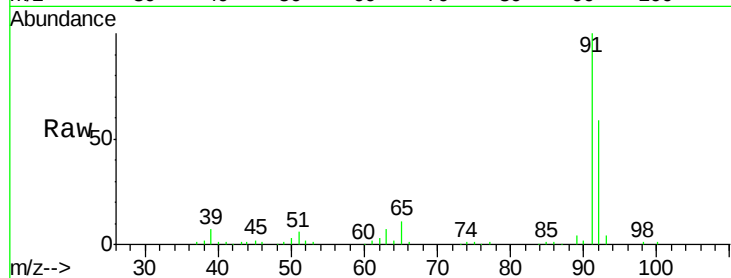
CWJZ4

Tgt Ion: 91 Resp: 108733

Ion Ratio Lower Upper

91 100

92 58.7 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

