

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\U121619\
 Data File : VU036236.D
 Acq On : 16 Dec 2019 16:06
 Operator : JC/MD
 Sample : K6234-13DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE64DL

Quant Time: Dec 23 13:45:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 01:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232368	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84049	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84890	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	83692	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	93856	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.68	46	212180	55.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.70%
24) Chloroform-d	5.11	84	153504	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	88885	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.77	84	277240	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.73	67	95219	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.93	98	229814	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.21	79	36354	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.68	63	161995	49.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90919	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	78046	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

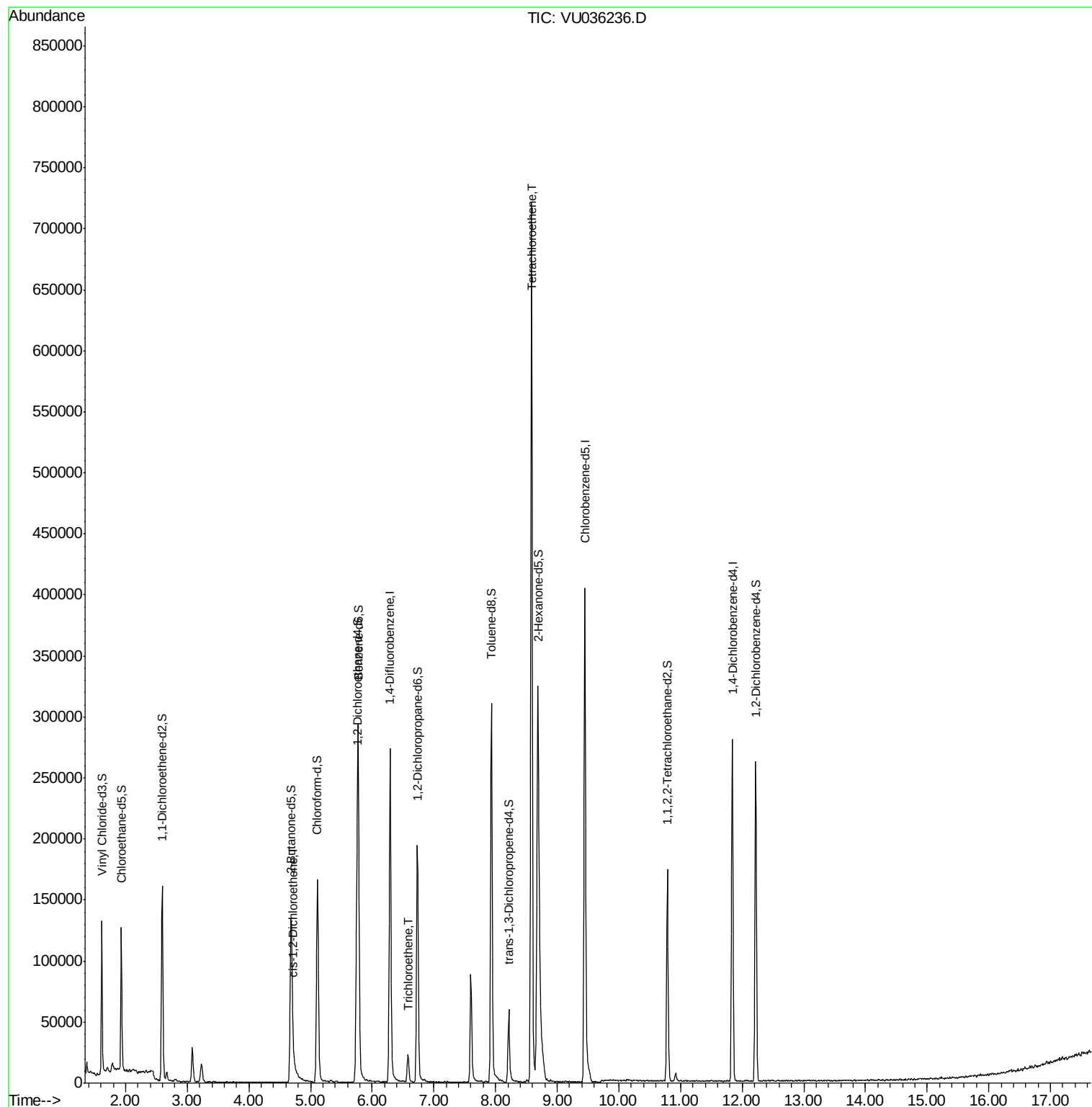
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.72	96	3394	0.175 ug/L	97
34) Trichloroethene	6.58	95	7734	0.370 ug/L	93
47) Tetrachloroethene	8.58	164	178487	9.449 ug/L	95

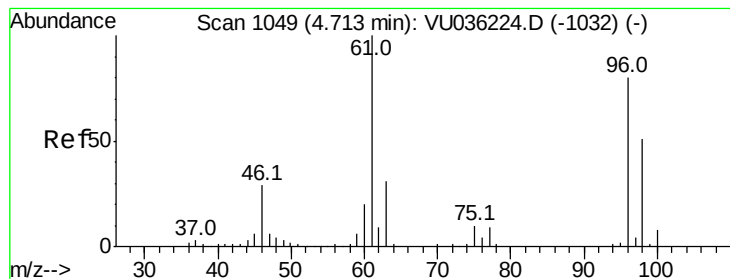
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.175 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU036236.D

Acq: 16 Dec 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

BFE64DL

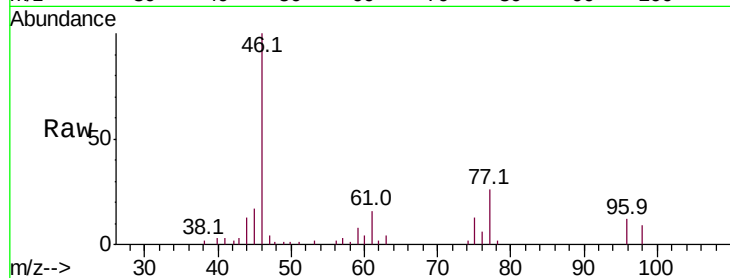
Tot Ion: 96 Resp: 3394

Ion Ratio Lower Upper

96 100

61 127.7 86.7 161.1

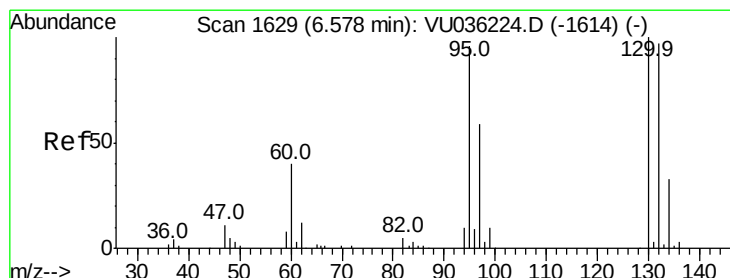
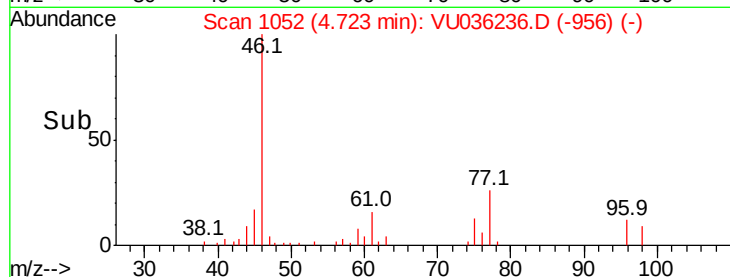
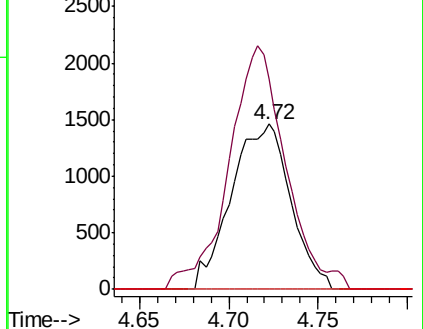
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036224.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036224.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036224.D (-1032) (-)



#34

Trichloroethene

Concen: 0.370 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036236.D

Acq: 16 Dec 2019 16:06

Tgt Ion: 95 Resp: 7734

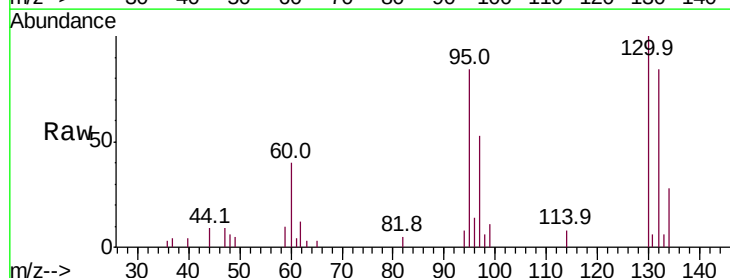
Ion Ratio Lower Upper

95 100

97 62.6 43.6 81.0

132 100.2 69.6 129.2

130 118.9 70.3 130.7

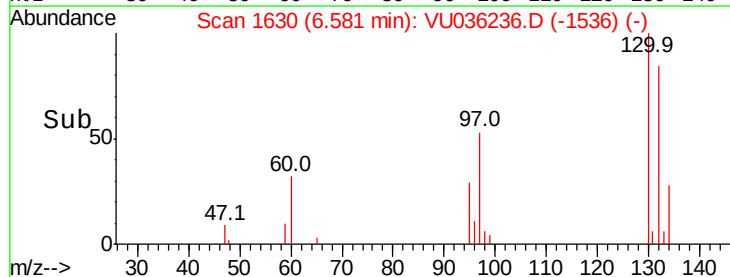
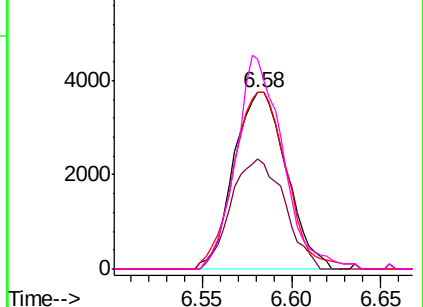


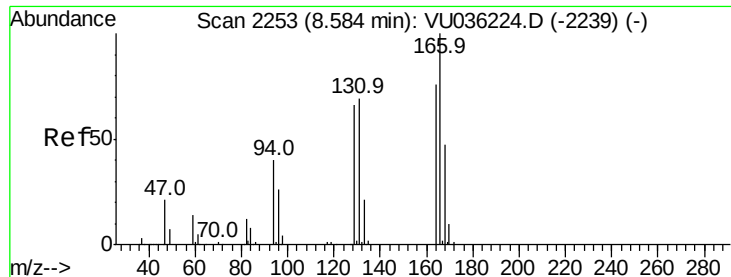
Abundance Ion 95.00 (94.70 to 95.70): VU036224.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU036224.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU036224.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU036224.D (-1614) (-)





#47

Tetrachloroethene

Concen: 9.449 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036236.D

Acq: 16 Dec 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

BFE64DL

Tot Ion:164 Resp: 178487

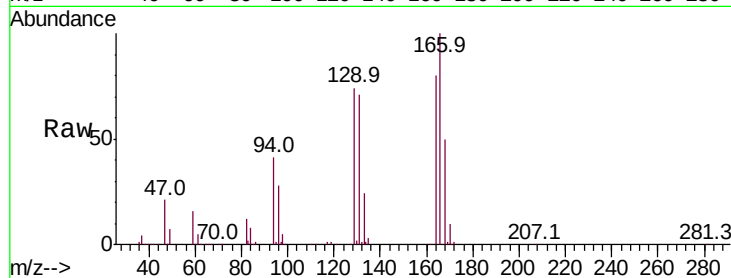
Ion Ratio Lower Upper

164 100

129 92.4 64.2 119.2

131 88.5 66.6 123.8

166 125.2 93.1 172.9



Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

