

Data File : VU034789.D
Acq On : 24 Sep 2019 22:17
Operator : JC/SP
Sample : K4984-05ME 10X
Misc : 5.30g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDK9ME

Quant Time: Sep 25 03:06:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	590156	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	555099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	249779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	217054	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.86%
7) Chloroethane-d5	1.66	69	194649	41.69	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.38%
11) 1,1-Dichloroethene-d2	2.25	63	302115	29.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.06%#
21) 2-Butanone-d5	4.15	46	464669	100.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.35%
24) Chloroform-d	4.62	84	398488	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
26) 1,2-Dichloroethane-d4	5.28	65	277084	42.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.82%
32) Benzene-d6	5.31	84	831979	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.31	67	292611	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.54	98	798577	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.83	79	129246	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.74%
47) 2-Hexanone-d5	8.29	63	318624	105.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.49%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	410254	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.84	152	271722	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

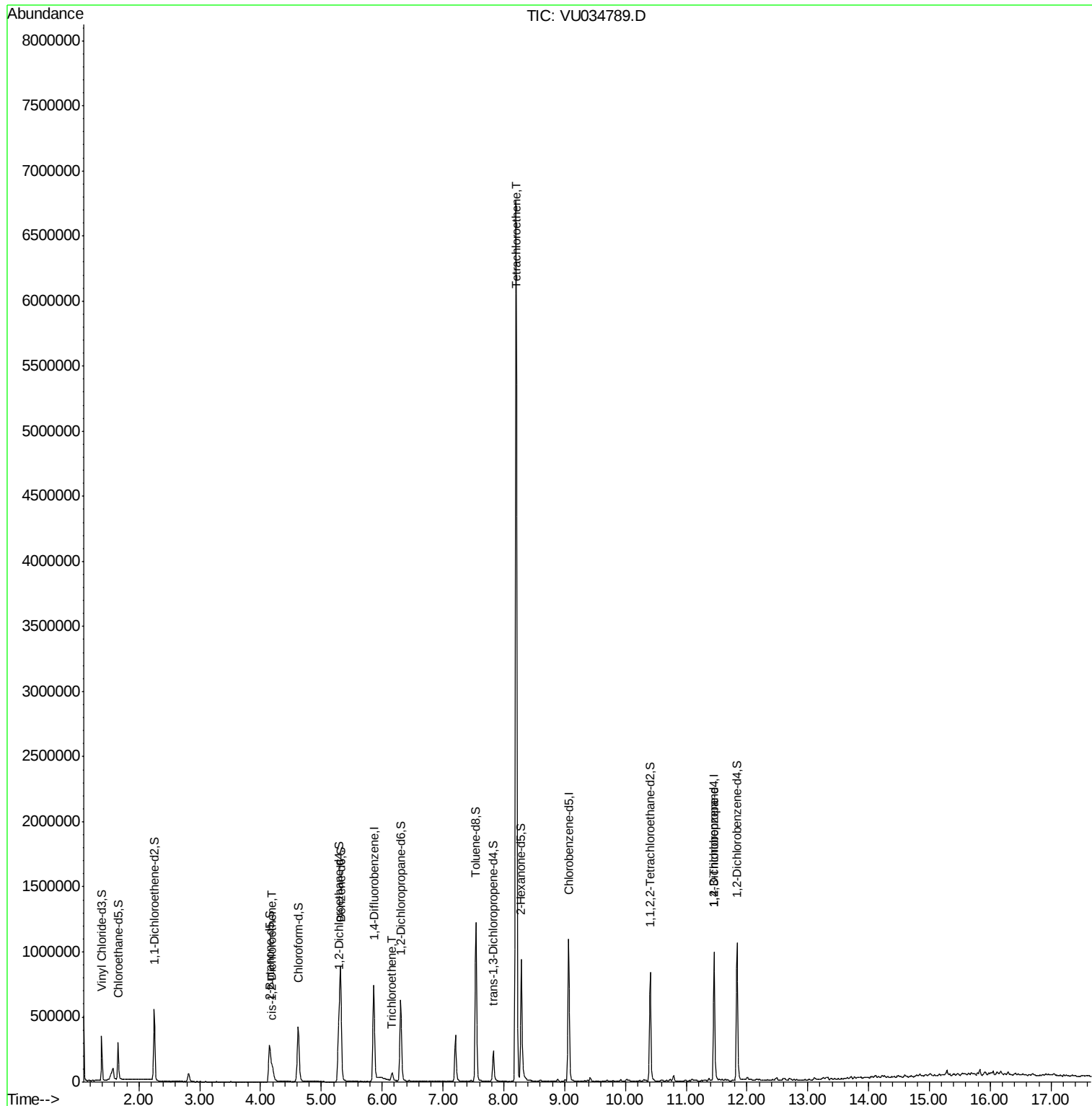
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	48998	9.927 ug/L	83
34) Trichloroethene	6.17	95	18876	3.970 ug/L	90
46) Tetrachloroethene	8.21	164	1390059	415.629 ug/L	95
59) 1,2,3-Trichloropropane	11.46	75	34037	4.754 ug/L	89

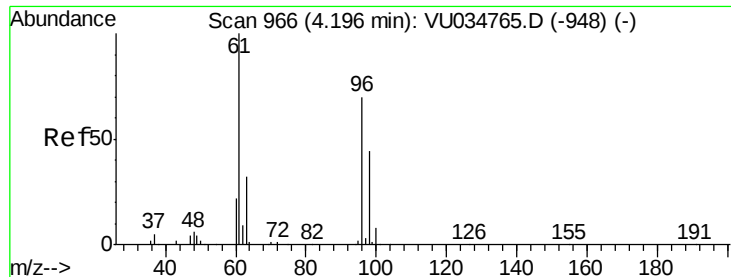
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 9.927 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BEDK9ME

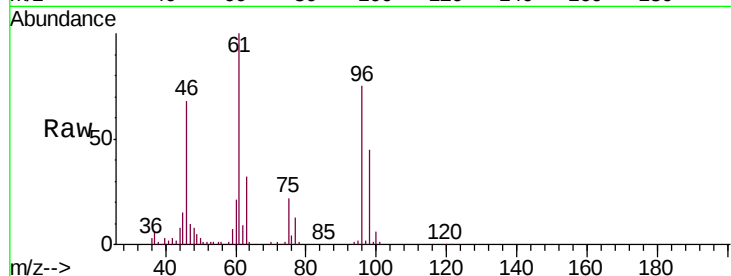
Tgt Ion: 96 Resp: 48998

Ion Ratio Lower Upper

96 100

61 133.5 108.8 202.2

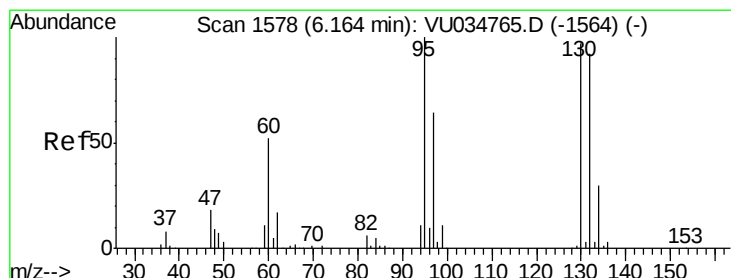
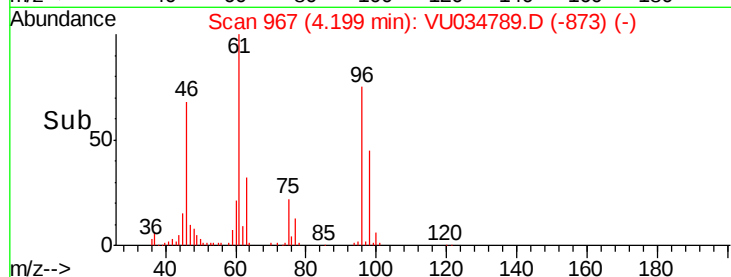
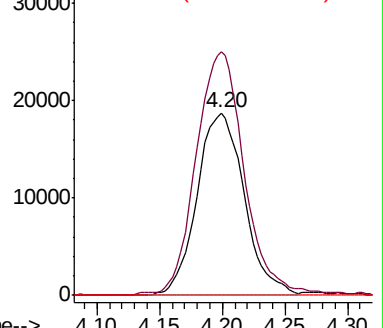
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034765.D (-948) (-)

Ion 61.00 (60.70 to 61.70): VU034765.D (-948) (-)

Ion 68.00 (67.70 to 68.70): VU034765.D (-948) (-)



#34

Trichloroethene

Concen: 3.970 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034789.D

Acq: 24 Sep 2019 22:17

Tgt Ion: 95 Resp: 18876

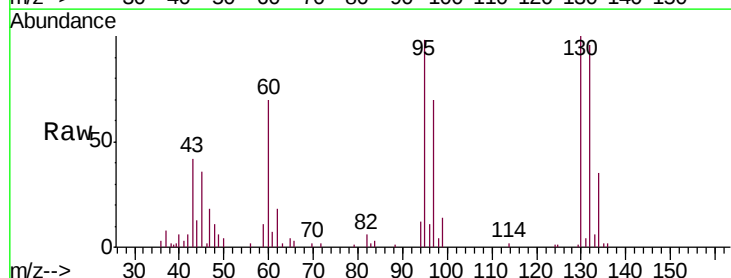
Ion Ratio Lower Upper

95 100

97 70.7 43.7 81.1

132 97.6 61.0 113.2

130 101.5 65.7 121.9

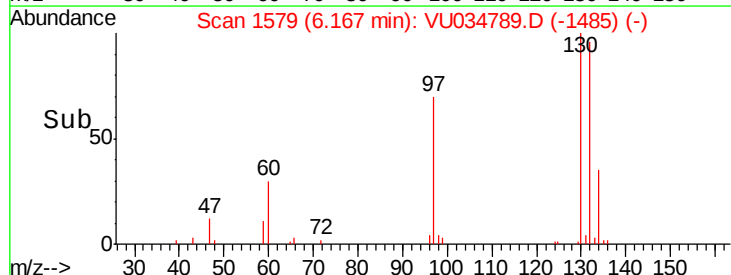
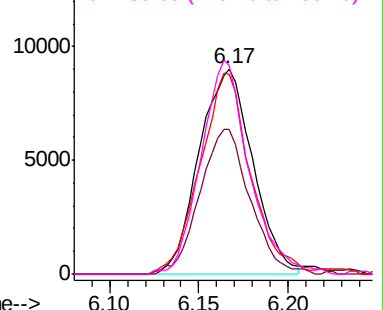


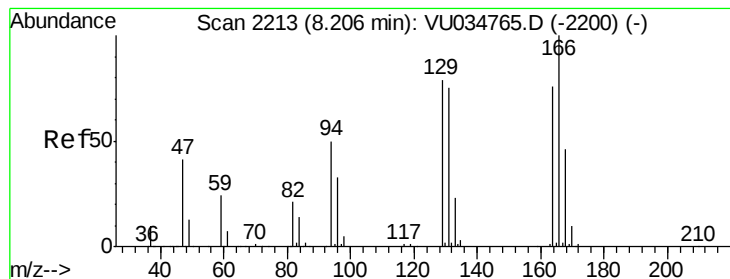
Abundance Ion 95.00 (94.70 to 95.70): VU034765.D (-1564) (-)

Ion 97.00 (96.70 to 97.70): VU034765.D (-1564) (-)

Ion 132.00 (131.70 to 132.70): VU034765.D (-1564) (-)

Ion 130.00 (129.70 to 130.70): VU034765.D (-1564) (-)





#46

Tetrachloroethene

Concen: 415.629 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

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Acq: 24 Sep 2019 22:17

Instrument :

MSVOA_U

ClientSampleId :

BEDK9ME

Tgt Ion:164 Resp: 1390059

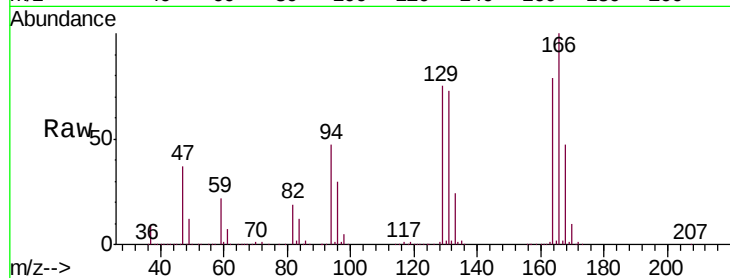
Ion Ratio Lower Upper

164 100

129 95.4 71.9 133.5

131 92.8 66.3 123.1

166 127.4 93.4 173.6

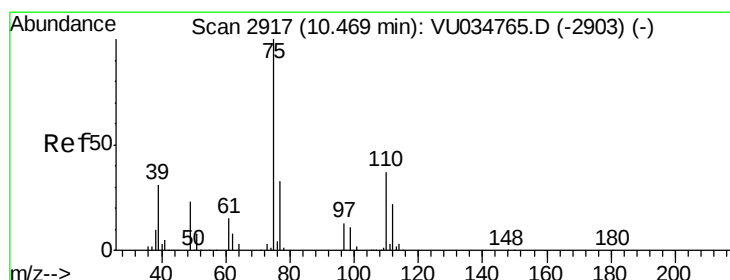
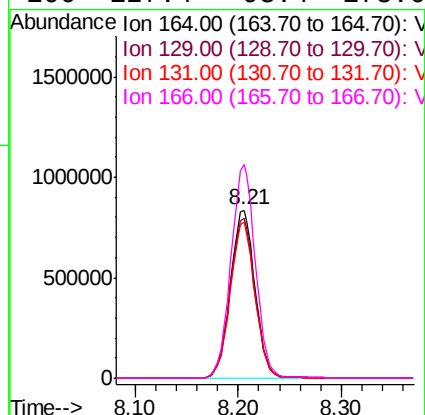
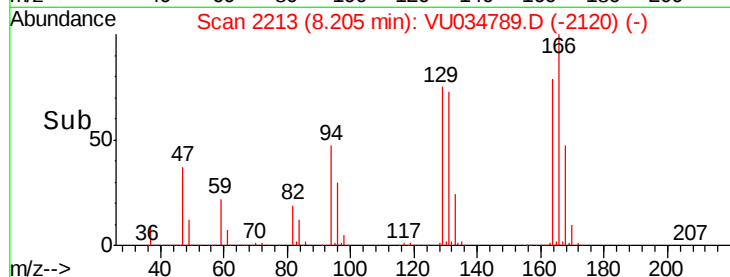


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.754 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

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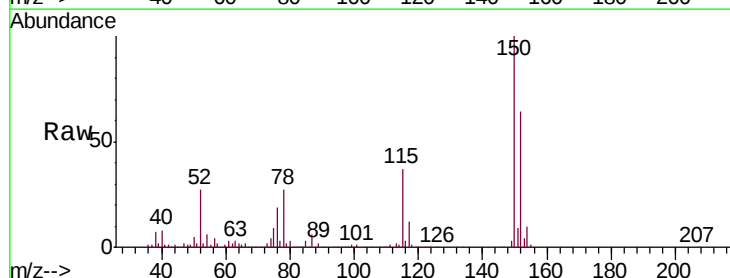
Acq: 24 Sep 2019 22:17

Tgt Ion: 75 Resp: 34037

Ion Ratio Lower Upper

75 100

77 36.8 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

