

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033882.D
 Acq On : 21 Aug 2019 19:21
 Operator : JC/SP
 Sample : K4420-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2C07

Quant Time: Aug 22 07:46:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 07:18:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	393811	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	400784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162029	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.46%
7) Chloroethane-d5	1.67	69	148623	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.70%
11) 1,1-Dichloroethene-d2	2.25	63	221865	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.94%
21) 2-Butanone-d5	4.15	46	186996	100.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	4.62	84	274757	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.28	65	180764	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
32) Benzene-d6	5.32	84	538079	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
36) 1,2-Dichloropropane-d6	6.31	67	178239	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	7.55	98	471548	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.83	79	73729	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.29	63	123216	91.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.91%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	248739	49.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.88%
64) 1,2-Dichlorobenzene-d4	11.84	152	179971	54.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.98%

Target Compounds

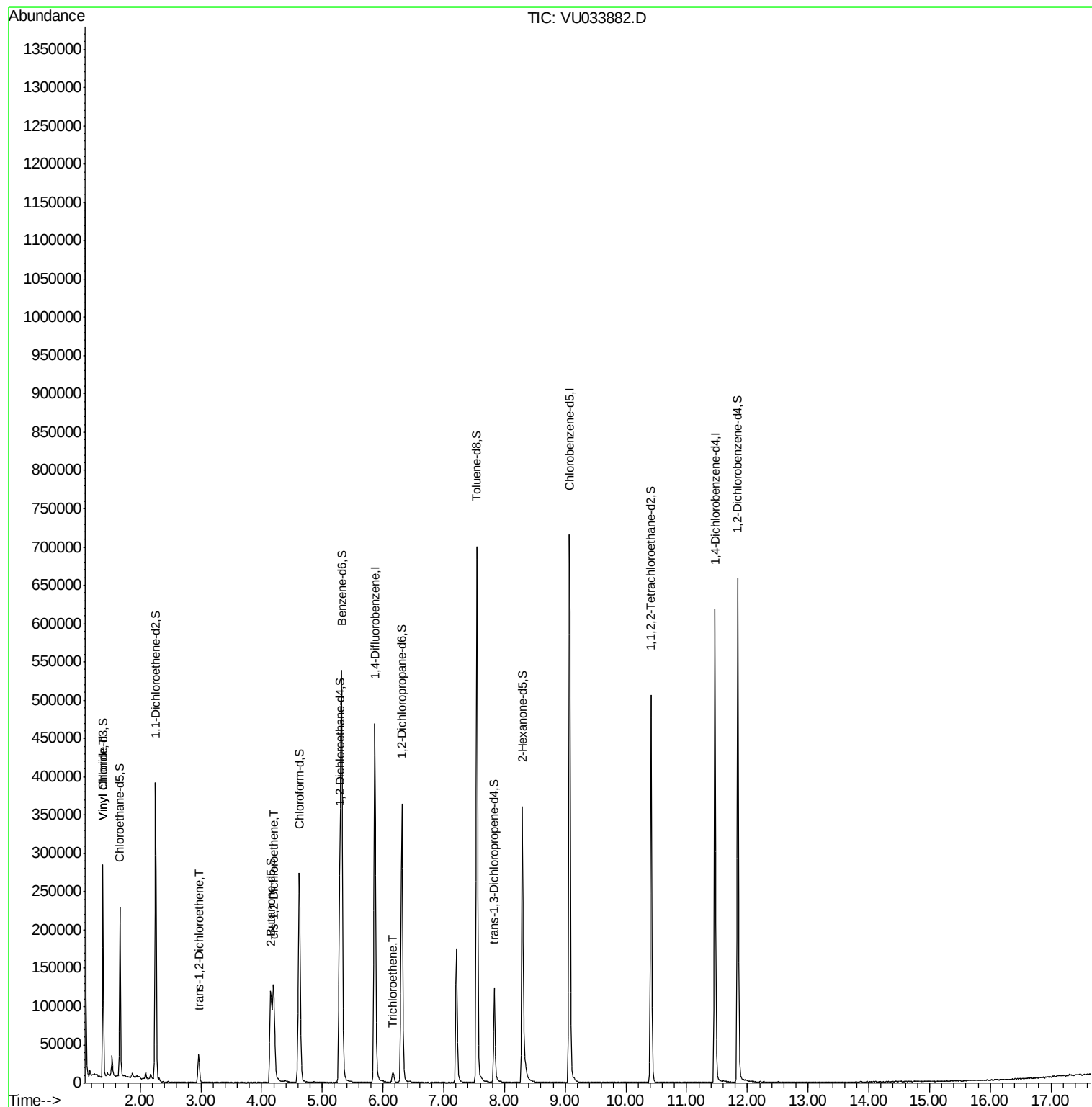
					Ovalue
5) Vinyl chloride	1.39	62	7444	1.683 ug/L #	58
17) trans-1,2-Dichloroethene	2.96	96	14472	5.101 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	65106	21.213 ug/L	95
34) Trichloroethene	6.17	95	3024	0.936 ug/L	95

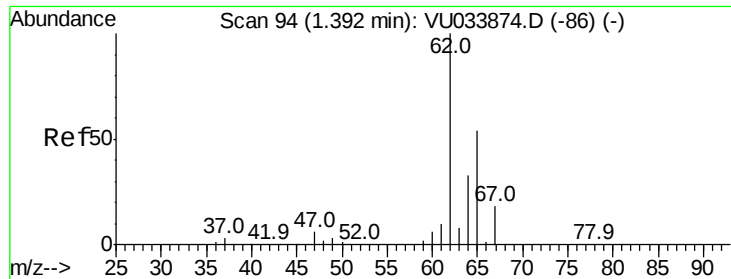
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.683 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033882.D

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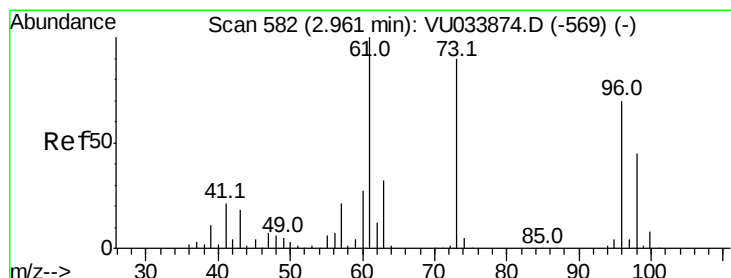
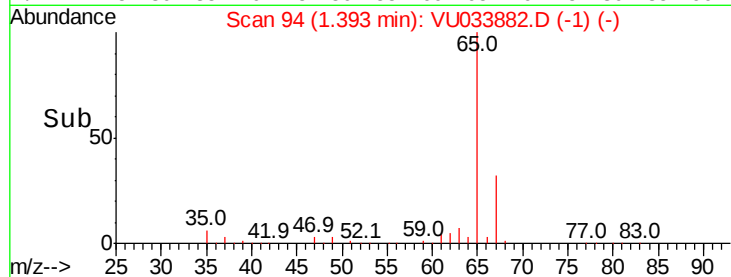
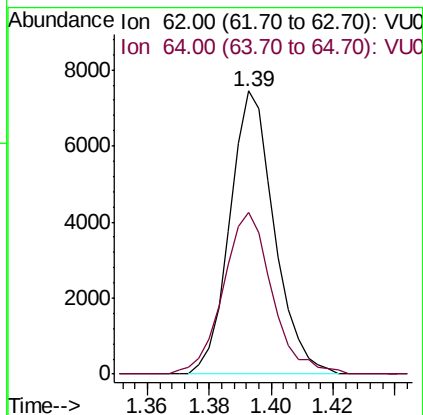
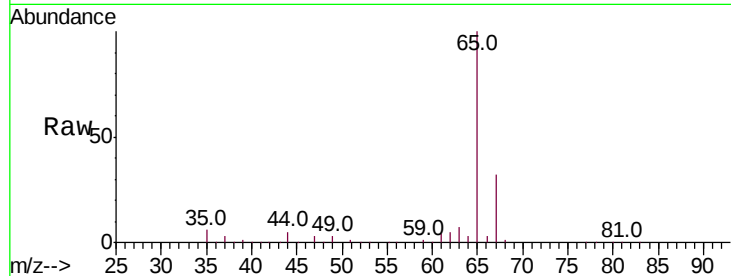
Instrument :
MSVOA_U
ClientSampled :
F2C07

Tot Ion: 62 Resp: 7444

Ion Ratio Lower Upper

62 100

64 57.2 23.3 43.3#



#17

trans-1,2-Dichloroethene

Concen: 5.101 ug/L

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033882.D

Acq: 21 Aug 2019 19:21

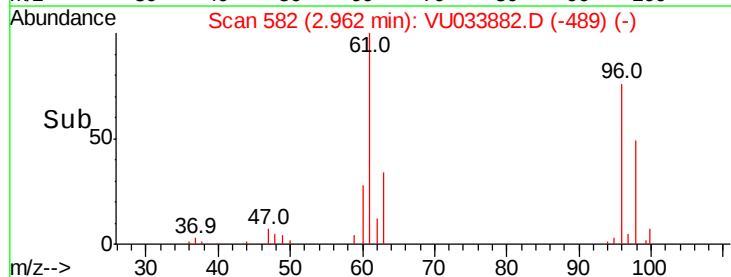
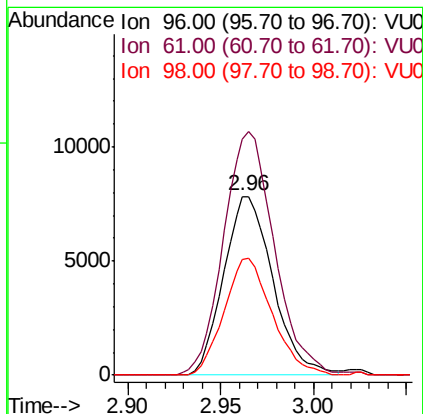
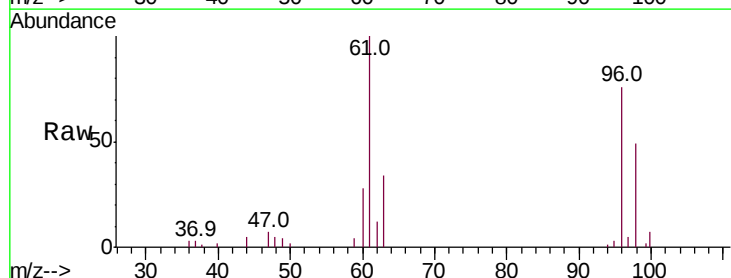
Tgt Ion: 96 Resp: 14472

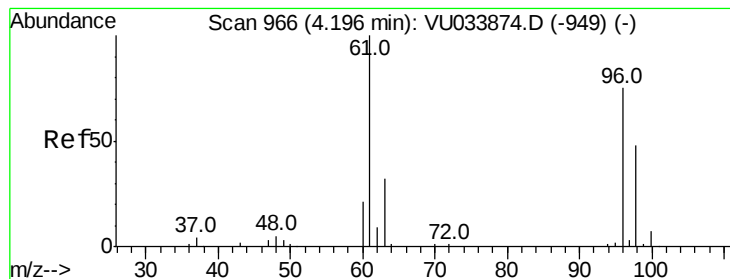
Ion Ratio Lower Upper

96 100

61 131.6 98.6 183.2

98 64.9 43.8 81.3





#20

cis-1,2-Dichloroethene

Concen: 21.213 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033882.D

Acq: 21 Aug 2019 19:21

Instrument :

MSVOA_U

ClientSampleId :

F2C07

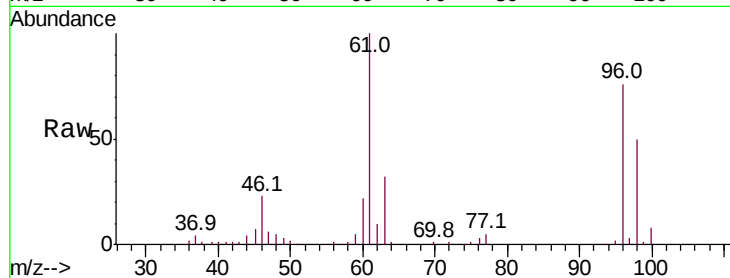
Tot Ion: 96 Resp: 65106

Ion Ratio Lower Upper

96 100

61 131.3 88.2 163.8

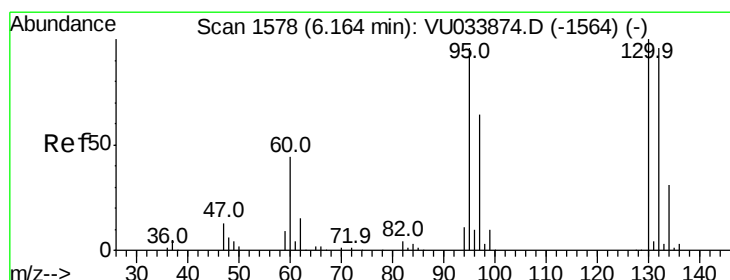
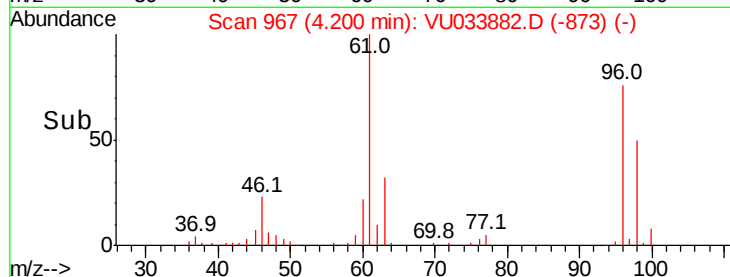
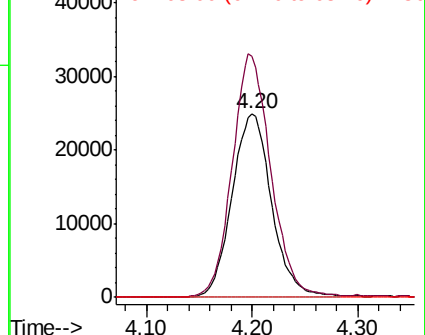
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033874.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033874.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033874.D (-949) (-)



#34

Trichloroethene

Concen: 0.936 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033882.D

Acq: 21 Aug 2019 19:21

Tgt Ion: 95 Resp: 3024

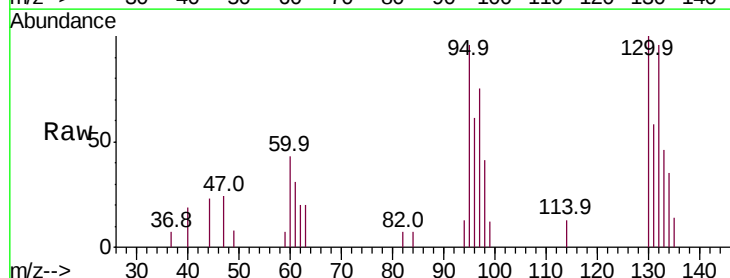
Ion Ratio Lower Upper

95 100

97 78.2 46.3 86.1

132 99.5 67.9 126.1

130 103.7 72.0 133.6



Abundance Ion 95.00 (94.70 to 95.70): VU033874.D (-1564) (-)

Ion 97.00 (96.70 to 97.70): VU033874.D (-1564) (-)

Ion 132.00 (131.70 to 132.70): VU033874.D (-1564) (-)

Ion 130.00 (129.70 to 130.70): VU033874.D (-1564) (-)

