

Data File : VU031884.D
Acq On : 10 May 2019 13:28
Operator : JC/SP
Sample : K2690-10ME
Misc : 5.38g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5156ME

Quant Time: May 11 01:01:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1046344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1058773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	433621	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	327611	37.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.82%
7) Chloroethane-d5	1.64	69	180612	26.69	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.38%#
11) 1,1-Dichloroethene-d2	2.22	63	492574	28.24	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.48%#
21) 2-Butanone-d5	4.20	46	634987	80.03	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.03%
24) Chloroform-d	4.64	84	627917	39.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.30%
26) 1,2-Dichloroethane-d4	5.30	65	424154	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.96%
32) Benzene-d6	5.33	84	1299765	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.96%
36) 1,2-Dichloropropane-d6	6.32	67	439896	38.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.92%
41) Toluene-d8	7.56	98	1128670	39.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.72%#
43) trans-1,3-Dichloropropene-	7.85	79	179154	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
47) 2-Hexanone-d5	8.32	63	464571	93.83	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	675748	44.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	404835	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%

Target Compounds

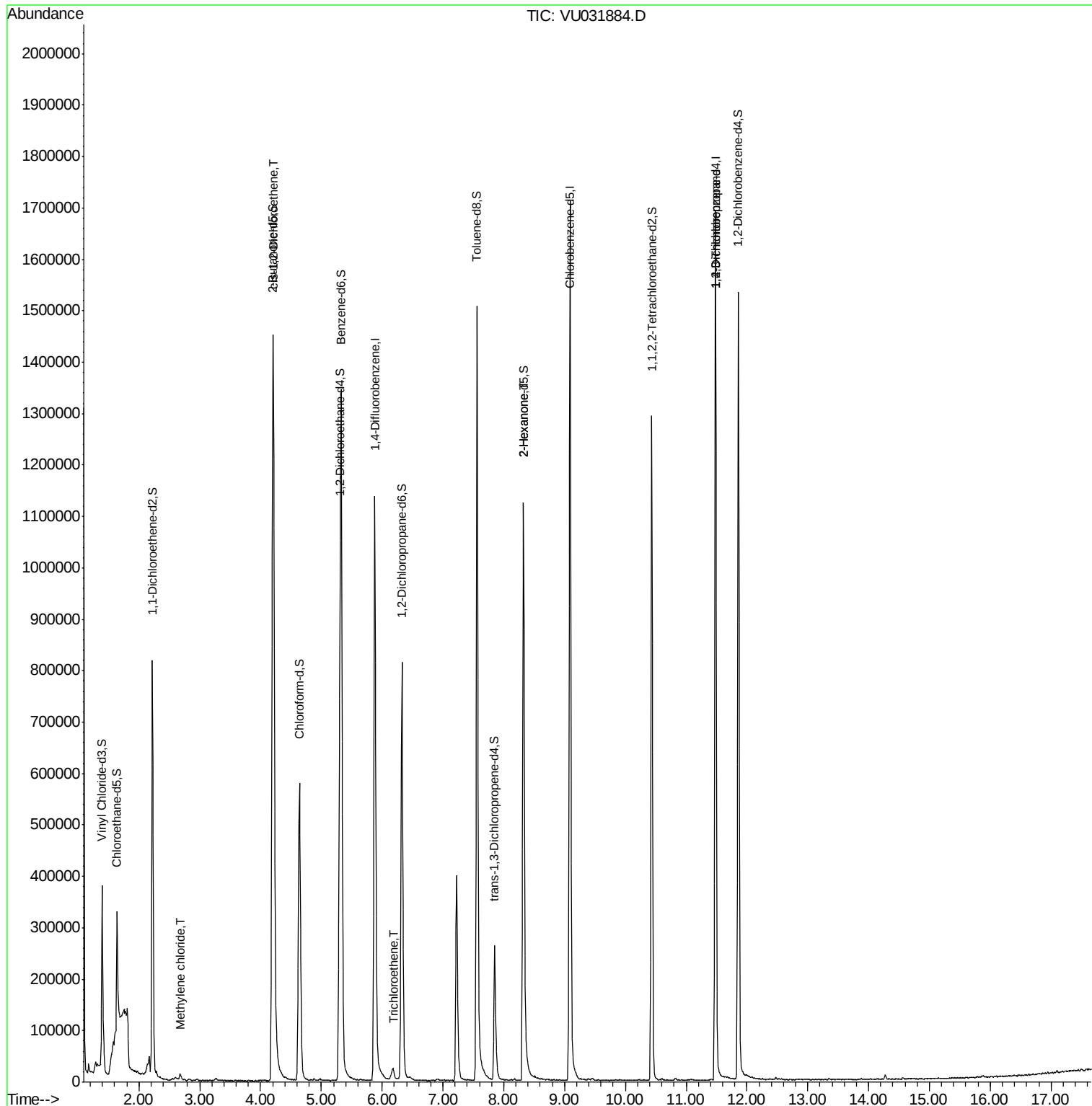
						Qvalue
16) Methylene chloride	2.68	84	5667	0.588	ug/L	76
20) cis-1,2-Dichloroethene	4.21	96	710784	77.896	ug/L	97
34) Trichloroethene	6.18	95	5702	0.604	ug/L	87
48) 2-Hexanone	8.32	43	51600	3.752	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	59780	4.563	ug/L	96

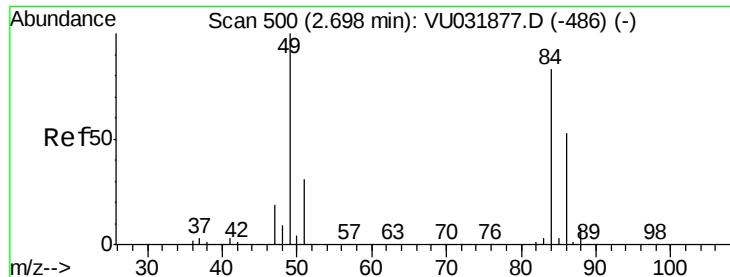
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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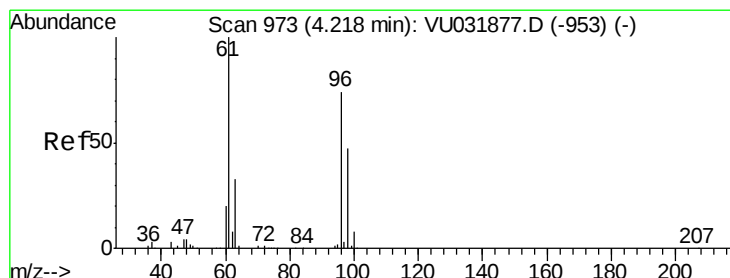
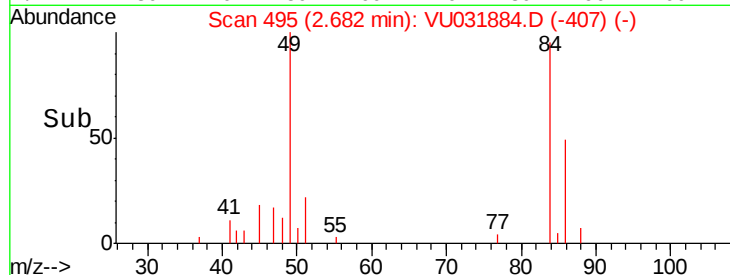
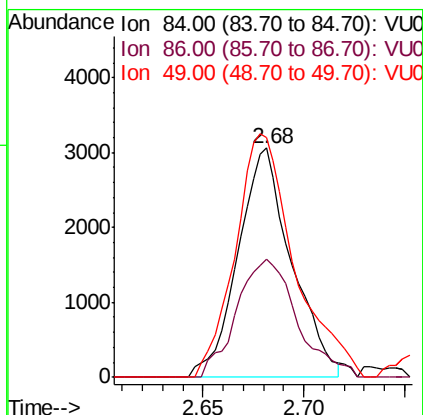
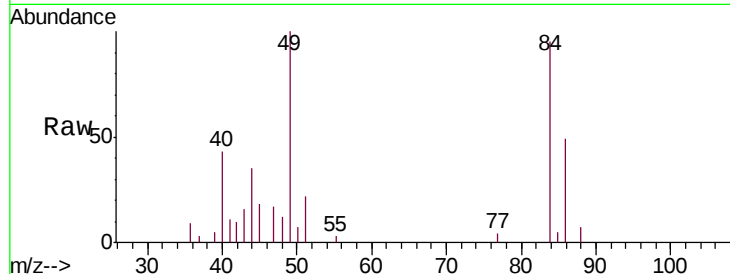




#16
Methylene chloride
Concen: 0.588 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.02 min
Lab File: VU031884.D
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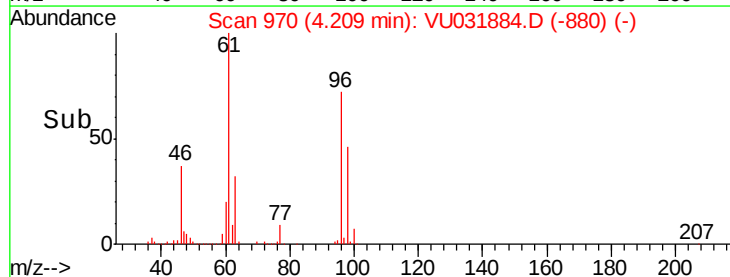
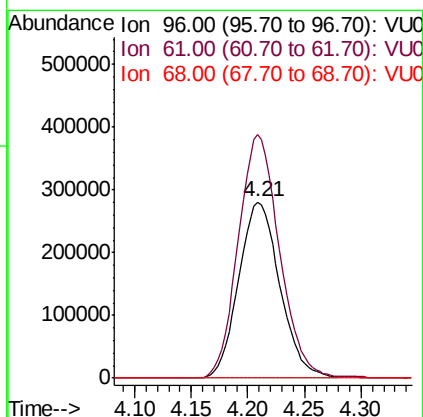
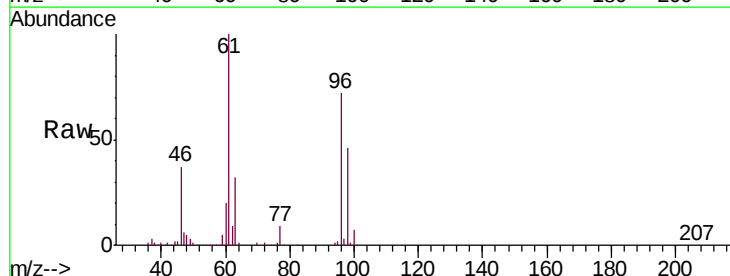
Instrument :
MSVOA_U
ClientSampleId :
A5156ME

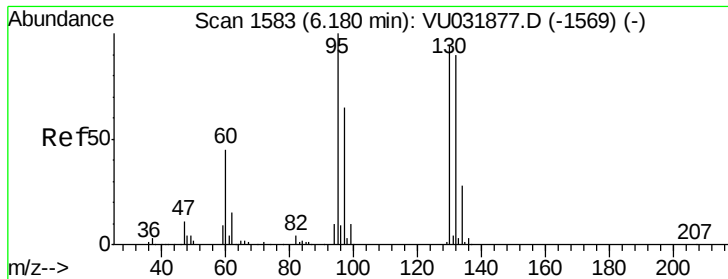
Tgt Ion: 84 Resp: 5667
Ion Ratio Lower Upper
84 100
86 51.4 44.7 83.1
49 104.8 96.5 179.3



#20
cis-1,2-Dichloroethene
Concen: 77.896 ug/L
RT: 4.21 min Scan# 970
Delta R.T. -0.01 min
Lab File: VU031884.D
Acq: 10 May 2019 13:28

Tgt Ion: 96 Resp: 710784
Ion Ratio Lower Upper
96 100
61 138.1 99.5 184.7
68 0.0 0.0 0.0

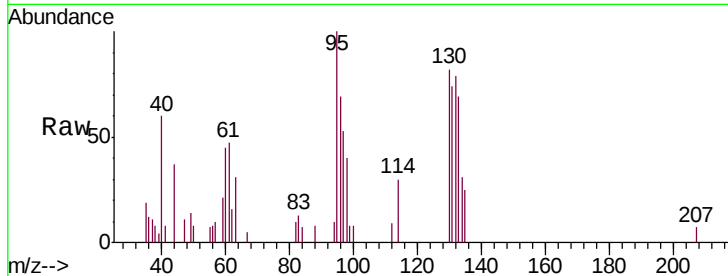




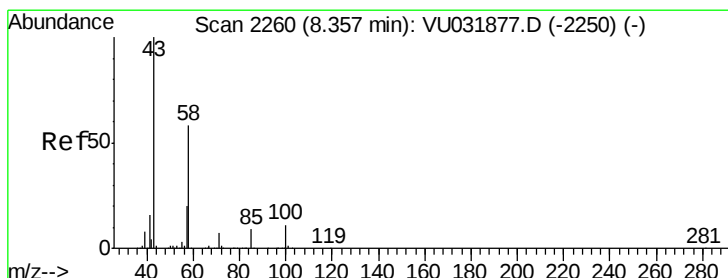
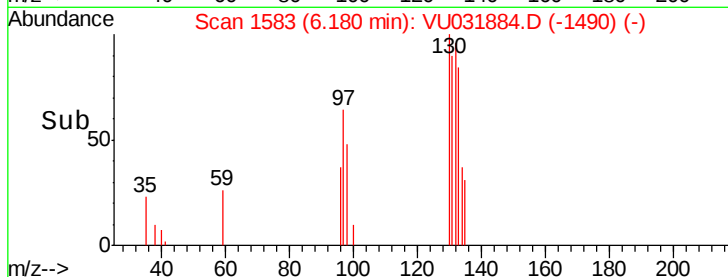
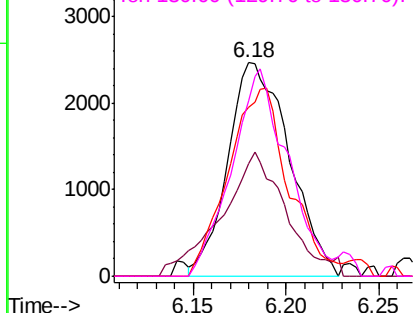
#34
 Trichloroethene
 Concen: 0.604 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031884.D
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Tgt Ion:	95	Resp:	5702
Ion	Ratio	Lower	Upper
95	100		
97	52.9	44.8	83.2
132	78.9	63.1	117.1
130	82.2	66.5	123.5

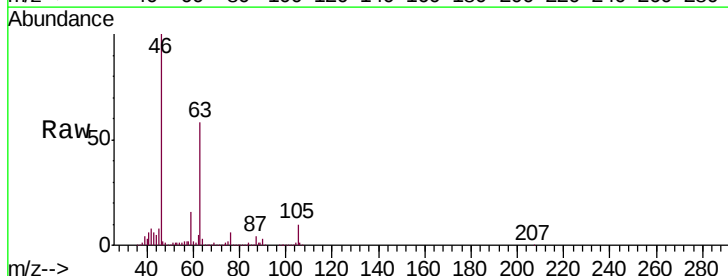


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

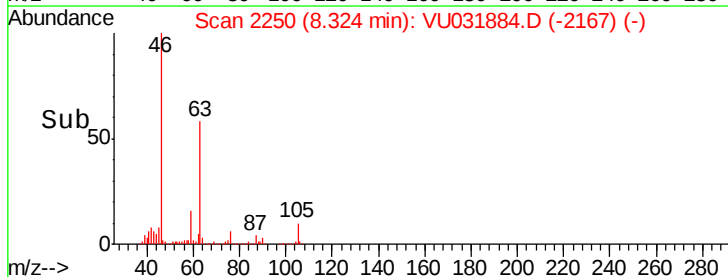
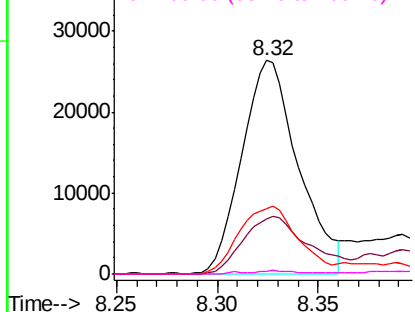


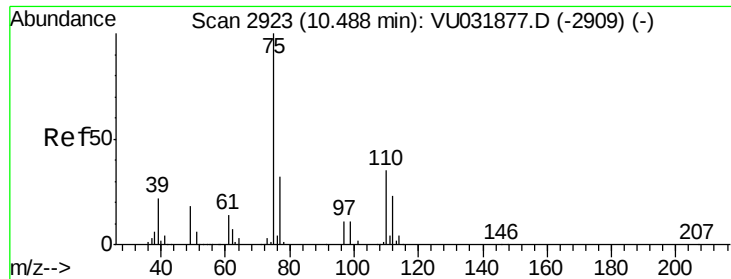
#48
 2-Hexanone
 Concen: 3.752 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.03 min
 Lab File: VU031884.D
 Acq: 10 May 2019 13:28

Tgt Ion:	43	Resp:	51600
Ion	Ratio	Lower	Upper
43	100		
58	31.7	42.1	63.1#
57	33.0	14.6	22.0#
100	1.1	7.2	10.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.563 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031884.D

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Instrument :

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A5156ME

Tgt Ion: 75 Resp: 59780

Ion Ratio Lower Upper

75 100

77 34.7 25.9 38.9

