

Data File : VU032002.D
Acq On : 14 May 2019 18:13
Operator : JC/SP
Sample : K2692-14ME
Misc : 5.63g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5177ME

Quant Time: May 15 04:31:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1807059	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1763981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	761338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372620	23.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.00%#
7) Chloroethane-d5	1.64	69	197016	15.35	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.70%#
11) 1,1-Dichloroethene-d2	2.23	63	569707	20.04	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.08%#
21) 2-Butanone-d5	4.19	46	633235	57.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.03%
24) Chloroform-d	4.64	84	700314	26.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	52.76%#
26) 1,2-Dichloroethane-d4	5.30	65	467026	27.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.88%#
32) Benzene-d6	5.33	84	1506783	29.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.00%#
36) 1,2-Dichloropropane-d6	6.32	67	506005	30.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	60.06%#
41) Toluene-d8	7.56	98	1318565	28.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.64%#
43) trans-1,3-Dichloropropene-	7.85	79	215860	29.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.08%#
47) 2-Hexanone-d5	8.32	63	447410	65.48	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	747107	29.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	59.92%#
64) 1,2-Dichlorobenzene-d4	11.86	152	484718	30.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.52%#

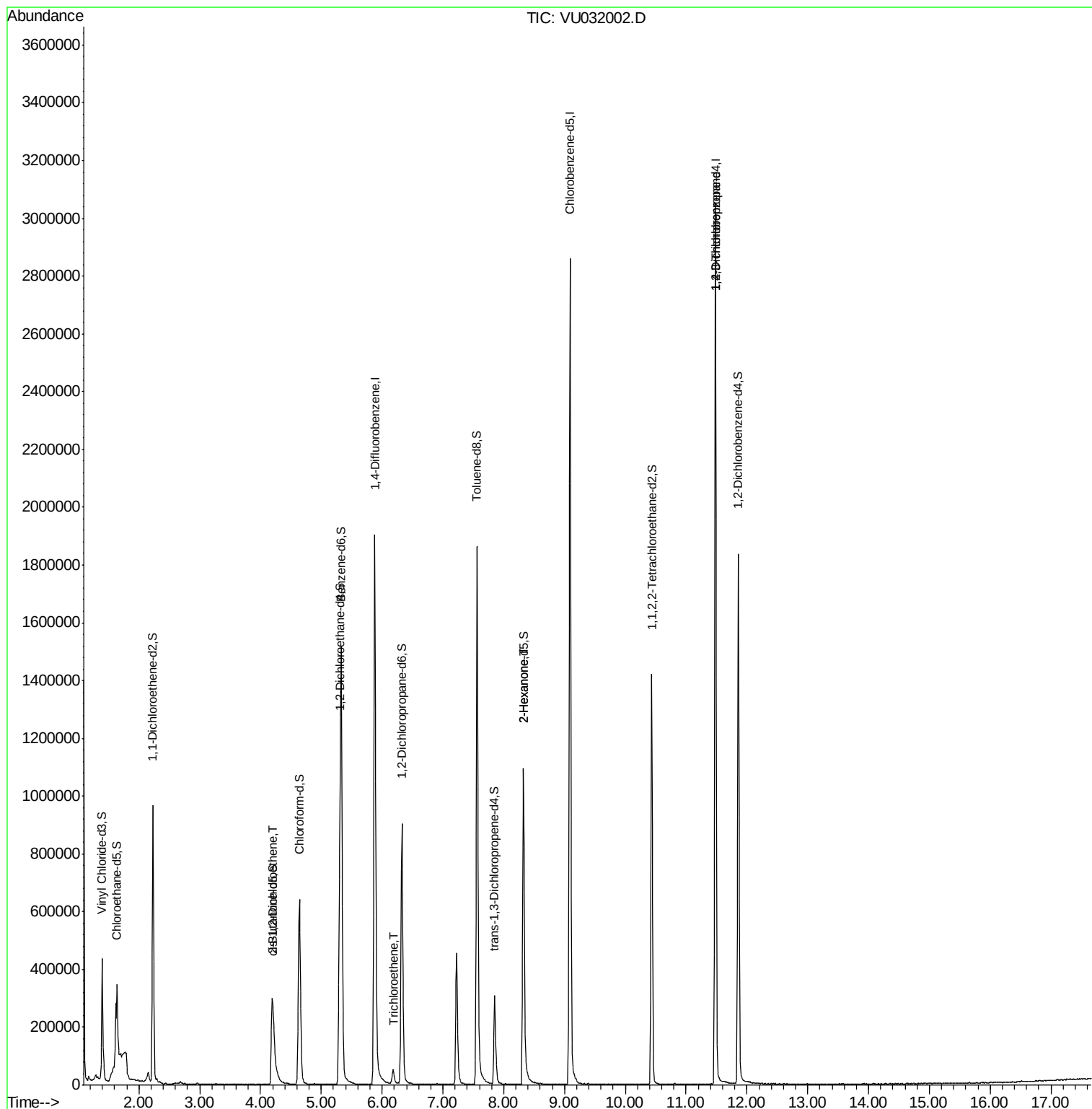
Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.21	96	34016	2.215 ug/L	96
34) Trichloroethene	6.18	95	16532	1.155 ug/L	96
48) 2-Hexanone	8.32	43	49497	2.896 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	96582	4.771 ug/L	93

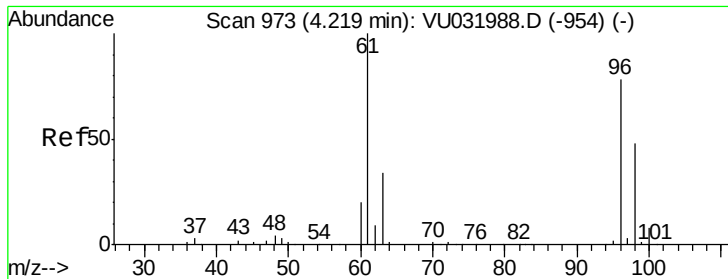
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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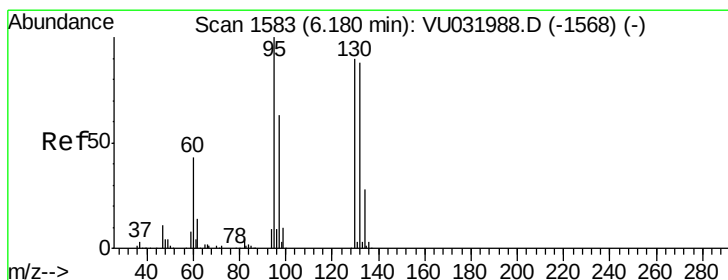
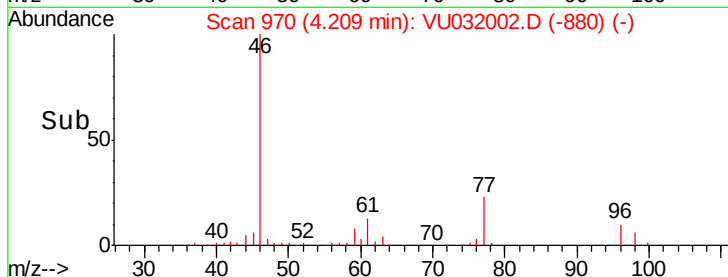
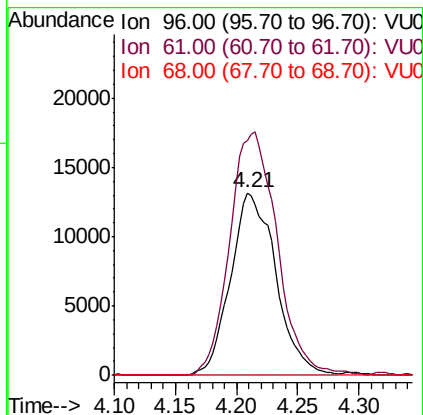
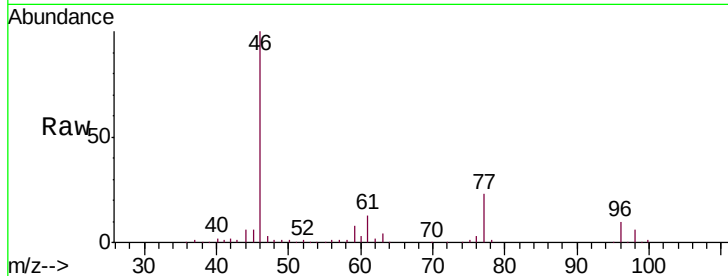




#20
 cis-1,2-Dichloroethene
 Concen: 2.215 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: VU032002.D
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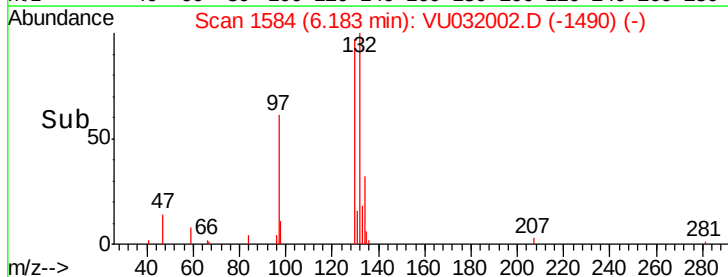
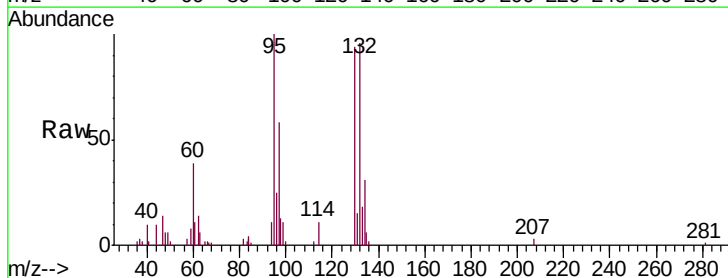
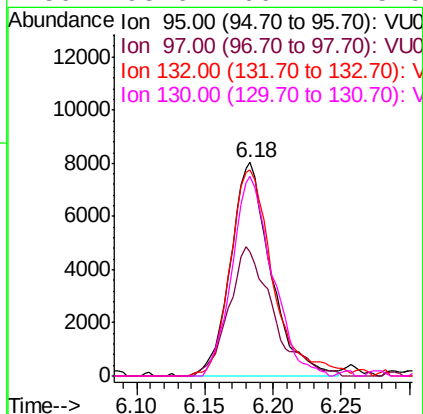
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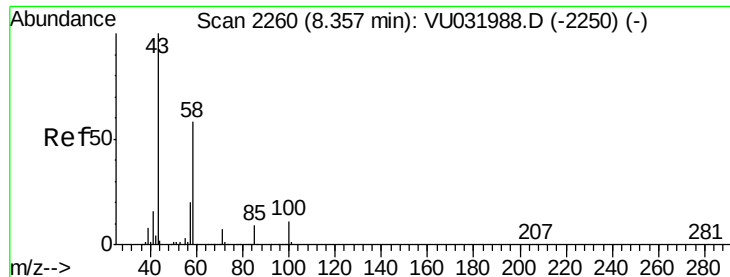
Tgt Ion: 96 Resp: 34016
 Ion Ratio Lower Upper
 96 100
 61 128.7 93.0 172.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.155 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
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Tgt Ion: 95 Resp: 16532
 Ion Ratio Lower Upper
 95 100
 97 58.4 44.9 83.3
 132 96.4 63.5 117.9
 130 93.6 66.2 123.0

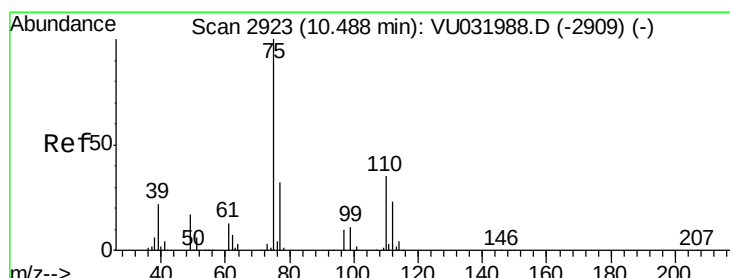
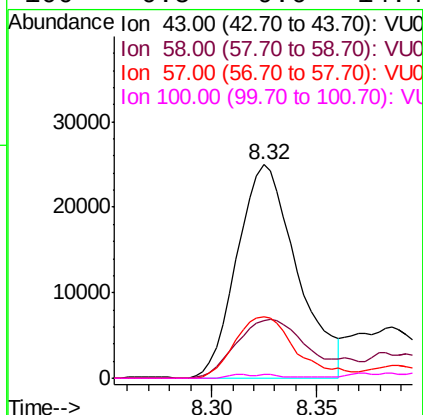
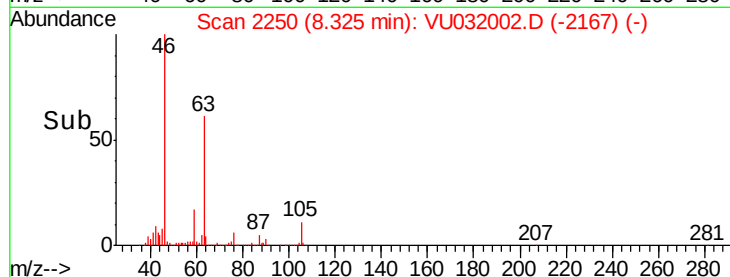
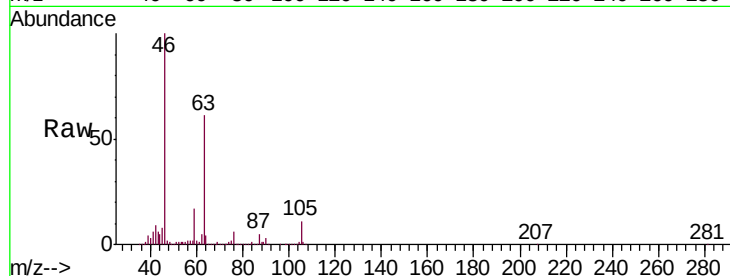




#48
 2-Hexanone
 Concen: 2.896 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.03 min
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Tgt Ion: 43 Resp: 49497
 Ion Ratio Lower Upper
 43 100
 58 31.7 47.8 71.6#
 57 29.5 16.0 24.0#
 100 0.5 9.6 14.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.771 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032002.D
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Tgt Ion: 75 Resp: 96582
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.7 38.5

