

Data File : VU034745.D
Acq On : 23 Sep 2019 20:08
Operator : JC/SP
Sample : K4932-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG3

Quant Time: Sep 24 03:40:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	472648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	442722	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	199794	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	198319	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.98%
7) Chloroethane-d5	1.67	69	166027	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.26	63	271290	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.22%
21) 2-Butanone-d5	4.15	46	396112	106.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.81%
24) Chloroform-d	4.62	84	343843	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.29	65	250251	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.78%
32) Benzene-d6	5.32	84	688762	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.31	67	246366	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.74%
41) Toluene-d8	7.54	98	661553	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%
43) trans-1,3-Dichloropropene-	7.83	79	115372	50.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.44%
47) 2-Hexanone-d5	8.29	63	270601	112.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.33%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	329853	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.84	152	220928	52.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.46%

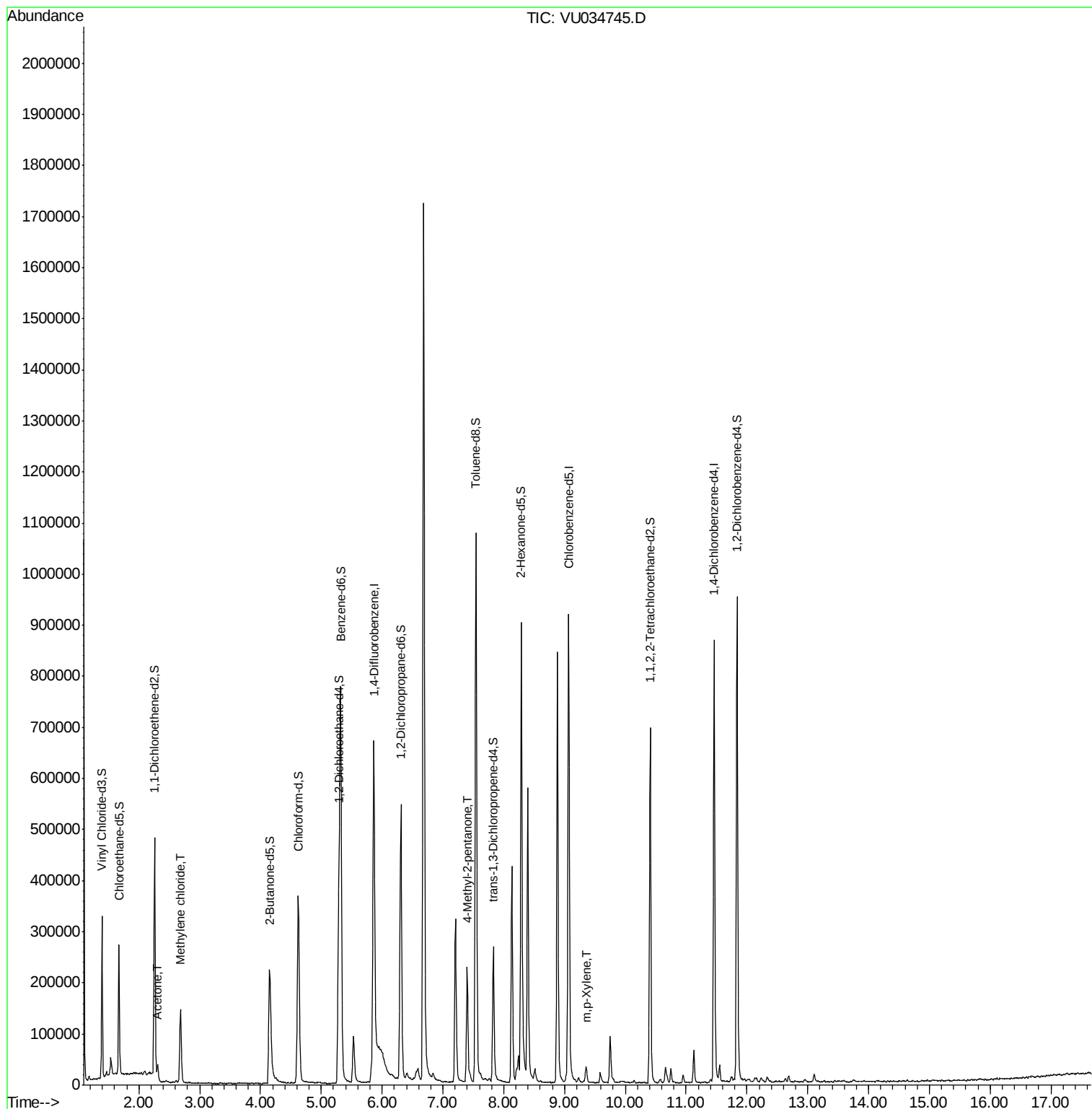
Target Compounds					Qvalue
13) Acetone	2.31	43	34681	8.039 ug/L	98
16) Methylene chloride	2.68	84	56129	14.329 ug/L	97
40) 4-Methyl-2-pentanone	7.40	43	91424	10.474 ug/L #	58
53) m,p-Xylene	9.35	106	8308	1.255 ug/L	86

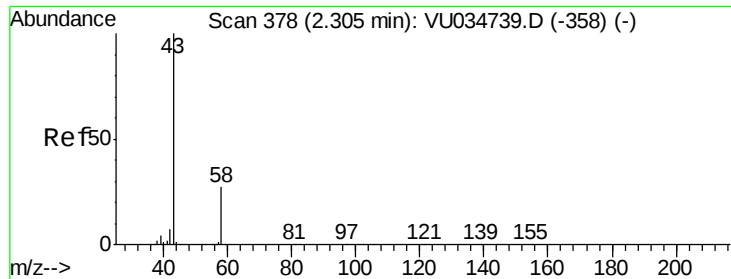
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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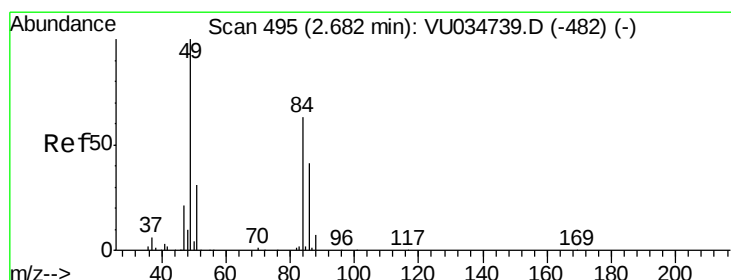
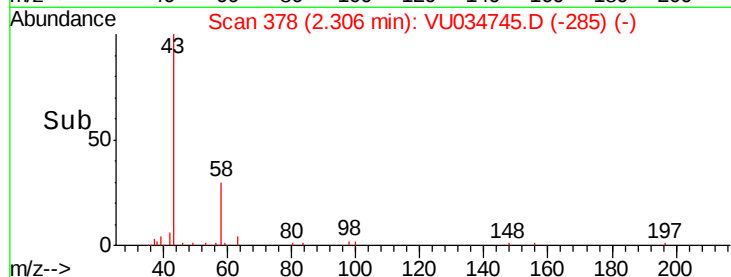
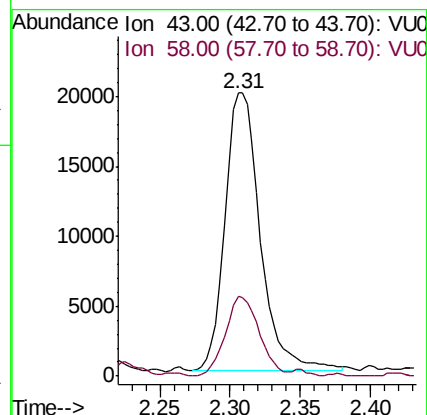
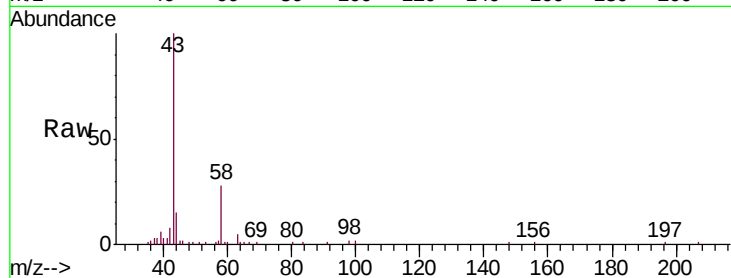




#13
Acetone
Concen: 8.039 ug/L
RT: 2.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: VU034745.D
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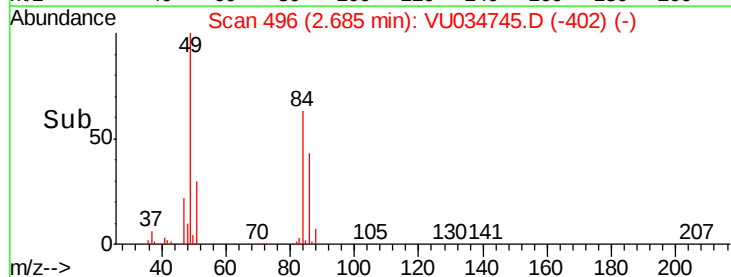
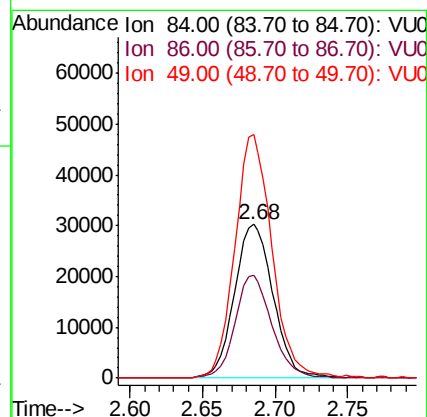
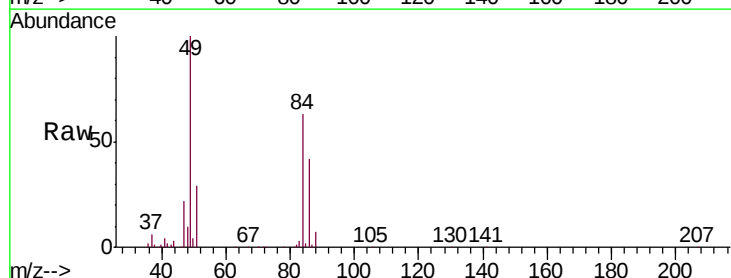
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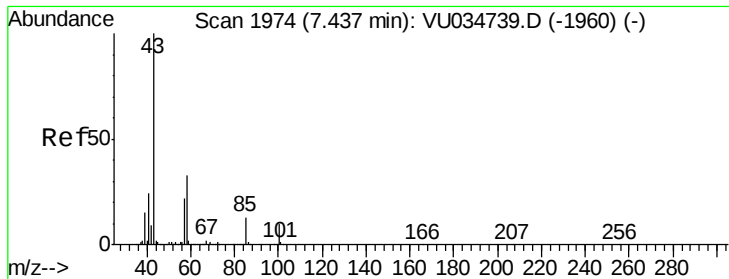
Tgt Ion: 43 Resp: 34681
Ion Ratio Lower Upper
43 100
58 27.7 0.0 53.4



#16
Methylene chloride
Concen: 14.329 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034745.D
Acq: 23 Sep 2019 20:08

Tgt Ion: 84 Resp: 56129
Ion Ratio Lower Upper
84 100
86 67.3 43.0 80.0
49 158.6 109.7 203.7

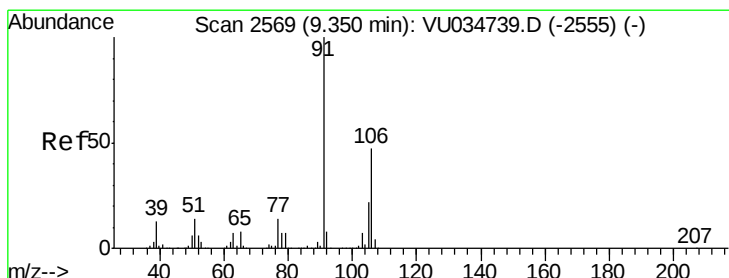
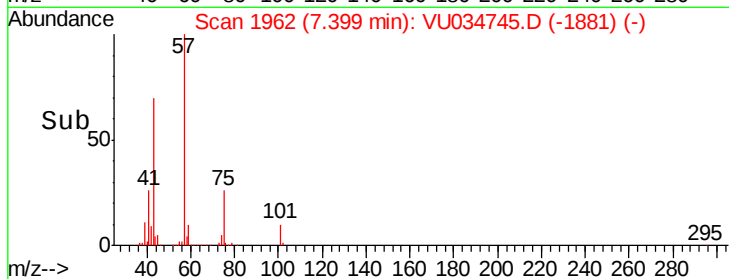
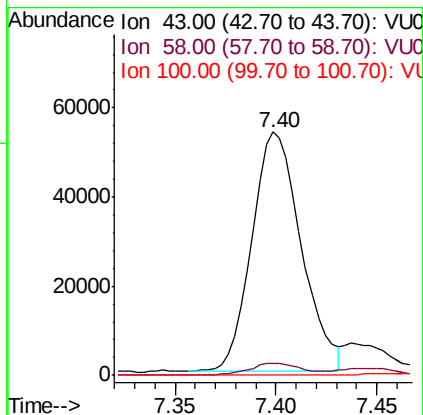
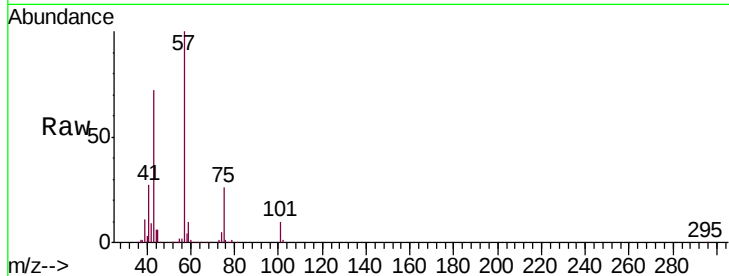




#40
 4-Methyl-2-pentanone
 Concen: 10.474 ug/L
 RT: 7.40 min Scan# 1962
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 91424
 Ion Ratio Lower Upper
 43 100
 58 5.4 25.2 37.8#
 100 0.2 7.7 11.5#



#53
 m,p-Xylene
 Concen: 1.255 ug/L
 RT: 9.35 min Scan# 2570
 Delta R.T. 0.00 min
 Lab File: VU034745.D
 Acq: 23 Sep 2019 20:08

Tgt Ion: 106 Resp: 8308
 Ion Ratio Lower Upper
 106 100
 91 231.8 146.9 272.7

