

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033316.D
 Acq On : 18 Jul 2019 14:00
 Operator : JC/SP
 Sample : K3863-03ME
 Misc : 6.57g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52F8ME

Quant Time: Jul 19 03:06:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 01:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	346682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	344187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	174619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116683	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.92%
7) Chloroethane-d5	1.63	69	90638	40.43	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.86%
11) 1,1-Dichloroethene-d2	2.22	63	207048	43.50	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
21) 2-Butanone-d5	4.16	46	183756	110.51	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.51%
24) Chloroform-d	4.62	84	213607	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.28	65	140707	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
32) Benzene-d6	5.31	84	451612	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.98%
36) 1,2-Dichloropropane-d6	6.31	67	142060	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.04%
41) Toluene-d8	7.54	98	406914	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.83	79	68470	51.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.26%
47) 2-Hexanone-d5	8.31	63	141471	116.02	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.02%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	220929	53.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.94%
64) 1,2-Dichlorobenzene-d4	11.85	152	170012	54.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.18%

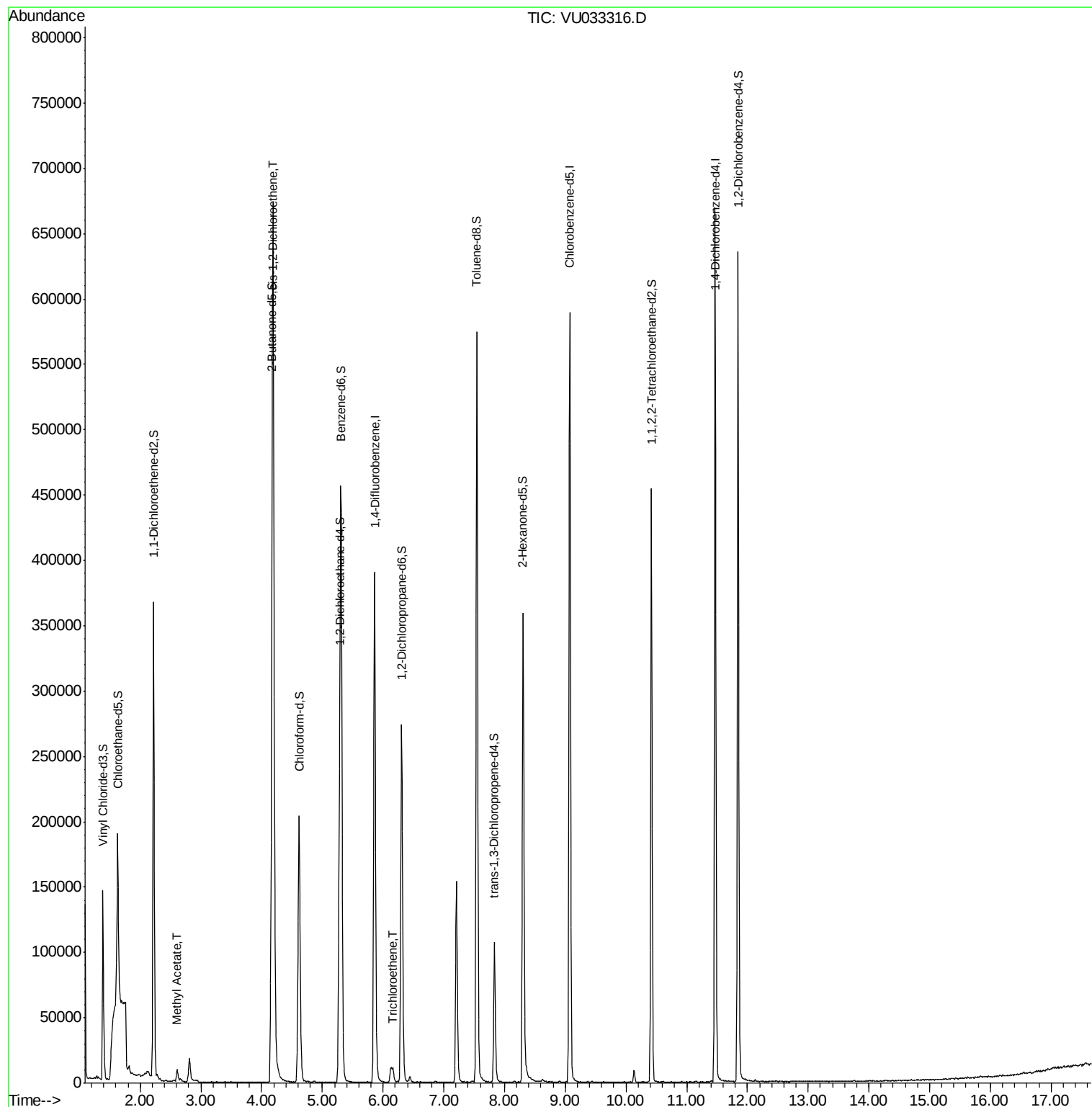
Target Compounds					Ovalue
15) Methyl Acetate	2.61	43	12025	4.432 ug/L	100
20) cis-1,2-Dichloroethene	4.19	96	362857	134.512 ug/L	97
34) Trichloroethene	6.16	95	3257	1.241 ug/L	95

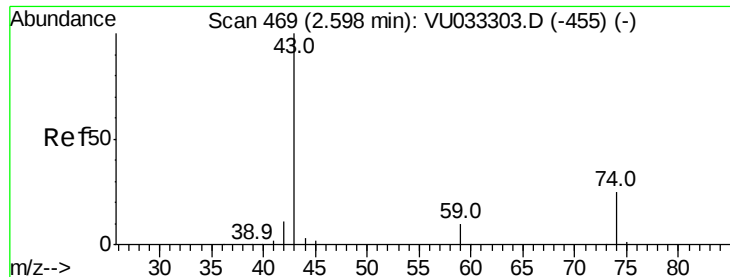
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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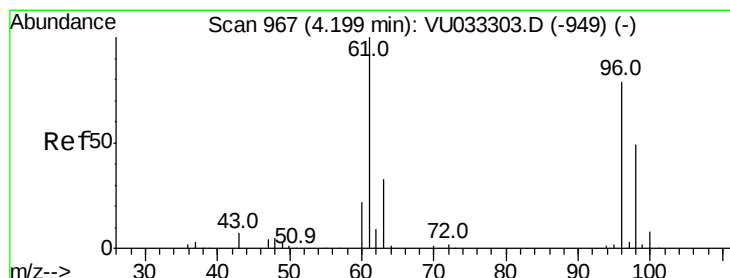
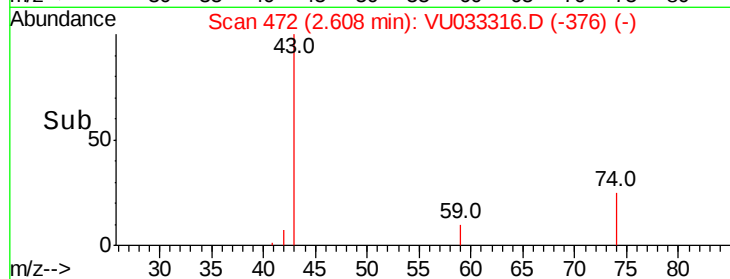
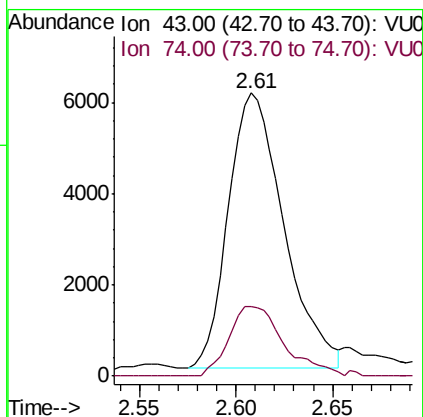
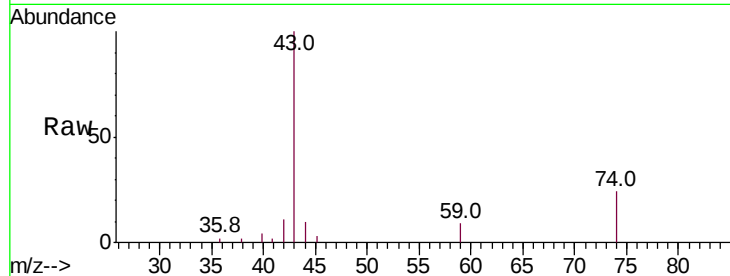




#15
Methvl Acetate
Concen: 4.432 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU033316.D
Acq: 18 Jul 2019 14:00

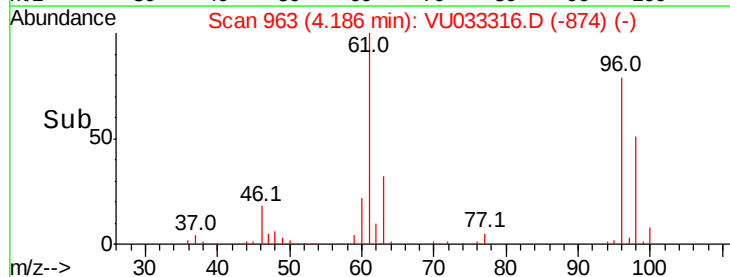
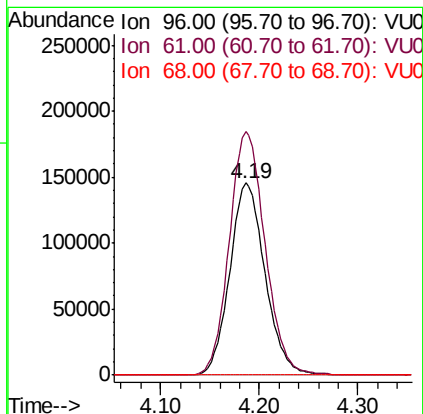
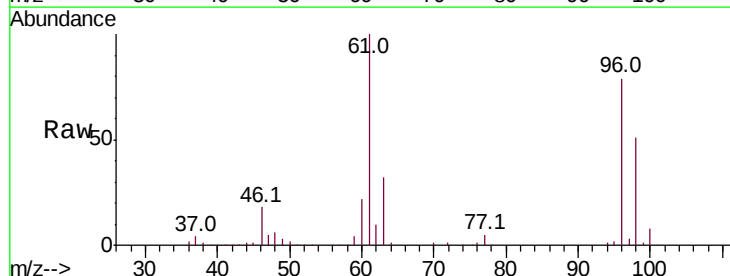
Instrument :
MSVOA_U
ClientSampleId :
A52F8ME

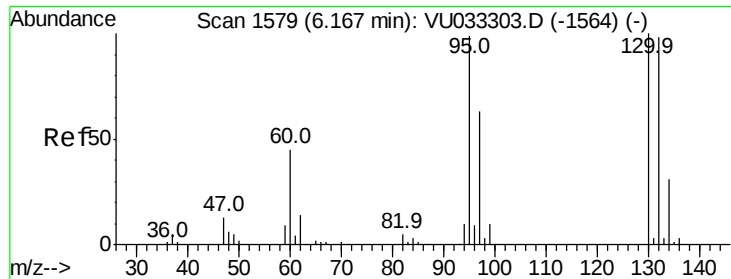
Tot Ion: 43 Resp: 12025
Ion Ratio Lower Upper
43 100
74 25.0 19.9 29.9



#20
cis-1,2-Dichloroethene
Concen: 134.512 ug/L
RT: 4.19 min Scan# 963
Delta R.T. -0.01 min
Lab File: VU033316.D
Acq: 18 Jul 2019 14:00

Tgt Ion: 96 Resp: 362857
Ion Ratio Lower Upper
96 100
61 126.8 91.1 169.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.241 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033316.D

Acq: 18 Jul 2019 14:00

Instrument :

MSVOA_U

ClientSampleId :

A52F8ME

Tot Ion: 95 Resp: 3257

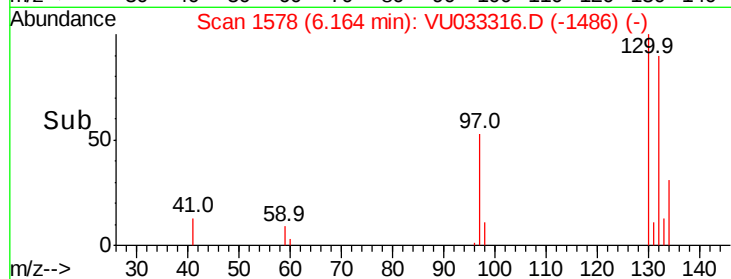
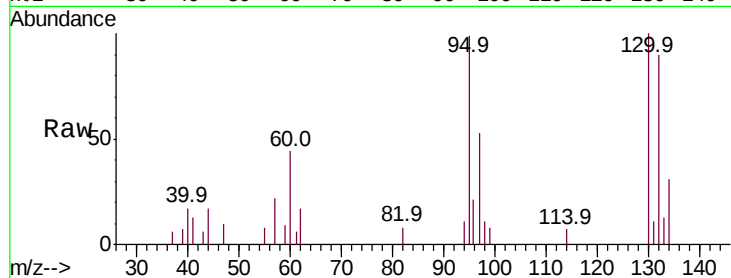
Ion Ratio Lower Upper

95 100

97 53.5 43.8 81.4

132 91.1 65.5 121.6

130 101.4 69.7 129.5



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

