

Data File : VU035649.D
Acq On : 06 Nov 2019 15:55
Operator : JC/SP
Sample : K5716-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE892

Quant Time: Nov 07 04:51:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	612148	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	593393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	182339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	148247	29.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.96%#		
7) Chloroethane-d5	1.93	69	145504	36.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.70%		
11) 1,1-Dichloroethene-d2	2.60	63	201648	26.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.46%#		
21) 2-Butanone-d5	4.69	46	279799	96.88	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.88%		
24) Chloroform-d	5.11	84	326211	42.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.44%		
26) 1,2-Dichloroethane-d4	5.75	65	208181	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.02%		
32) Benzene-d6	5.77	84	663789	42.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.82%		
36) 1,2-Dichloropropane-d6	6.74	67	229627	45.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.56%		
41) Toluene-d8	7.93	98	592565	40.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.24%		
43) trans-1,3-Dichloropropene-	8.22	79	97681	42.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.56%		
47) 2-Hexanone-d5	8.68	63	178364	92.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.78%		
57) 1,1,2,2-Tetrachloroethane-	10.79	84	327341	45.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.78%		
64) 1,2-Dichlorobenzene-d4	12.22	152	176393	47.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.92%		

Target Compounds

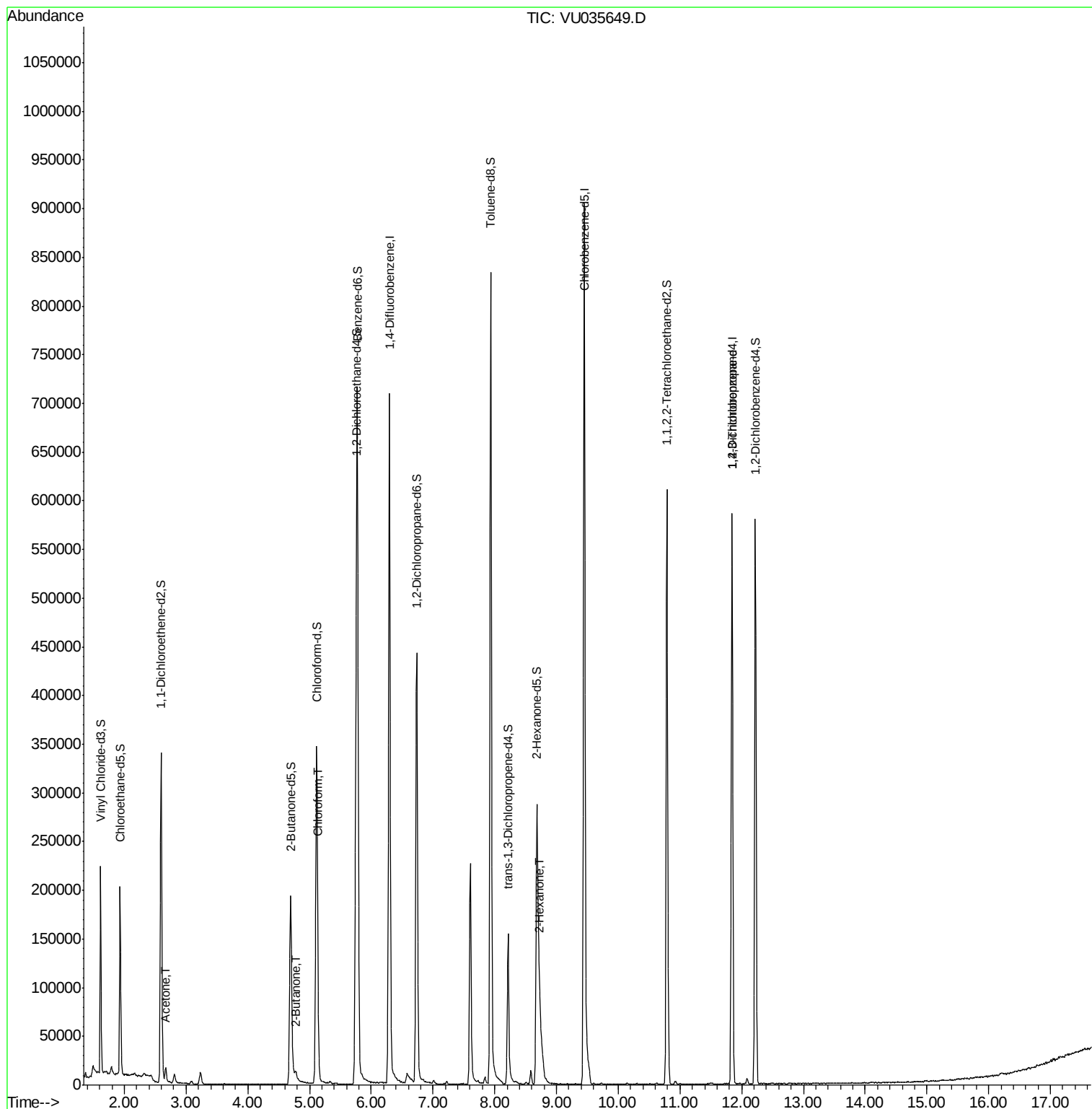
					Qvalue
13) Acetone	2.67	43	16201	6.376 ug/L	92
22) 2-Butanone	4.78	43	9460	2.820 ug/L	85
25) Chloroform	5.14	83	7011	0.909 ug/L	99
48) 2-Hexanone	8.73	43	19815	4.078 ug/L #	85
59) 1,2,3-Trichloropropane	11.84	75	19389	3.330 ug/L	93

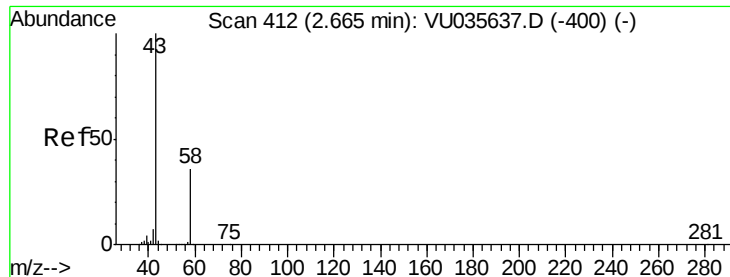
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.376 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

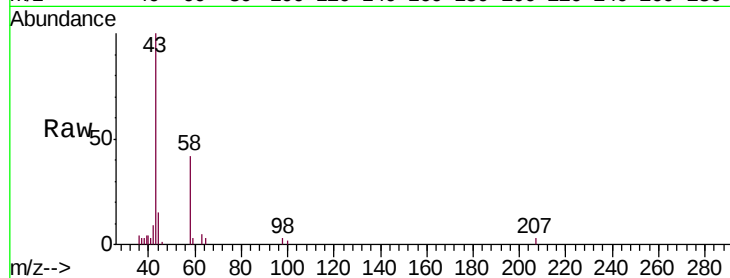
BE892

Tgt Ion: 43 Resp: 16201

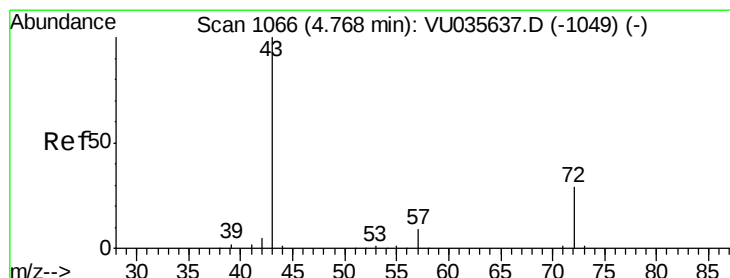
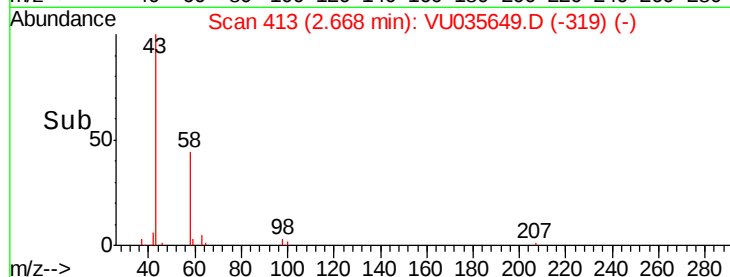
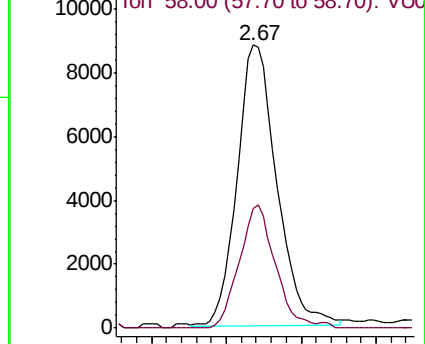
Ion Ratio Lower Upper

43 100

58 39.6 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-400) (-)



#22

2-Butanone

Concen: 2.820 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VU035649.D

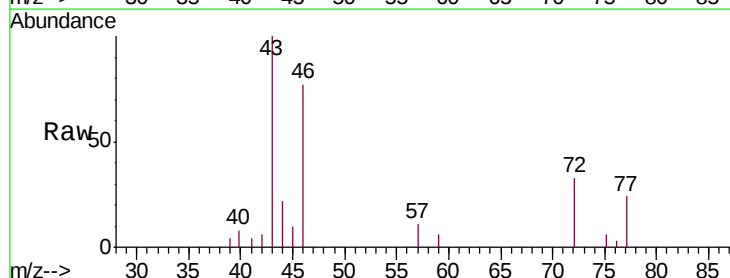
Acq: 06 Nov 2019 15:55

Tgt Ion: 43 Resp: 9460

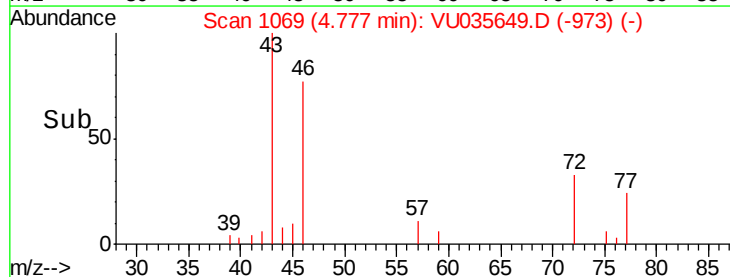
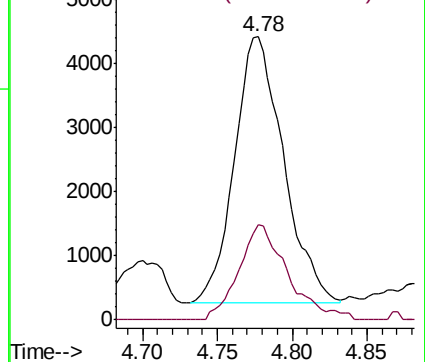
Ion Ratio Lower Upper

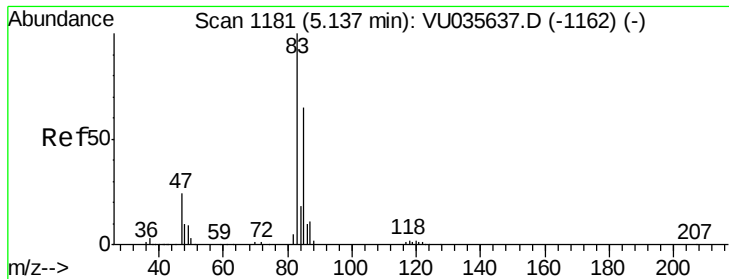
43 100

72 34.6 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-1049) (-)

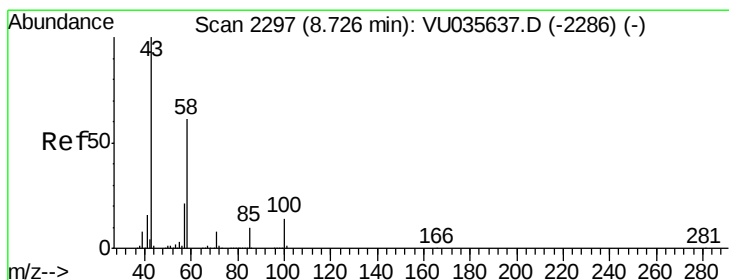
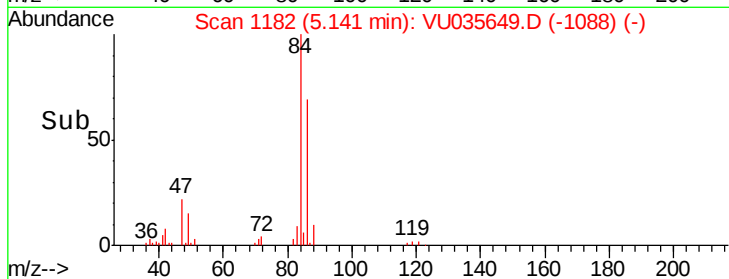
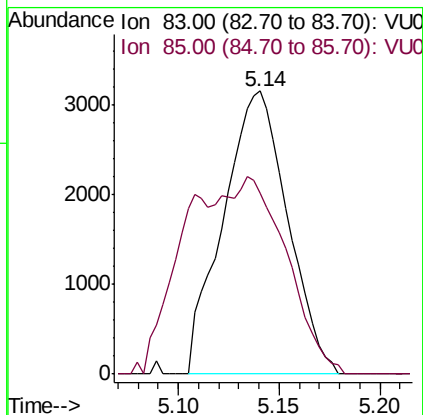
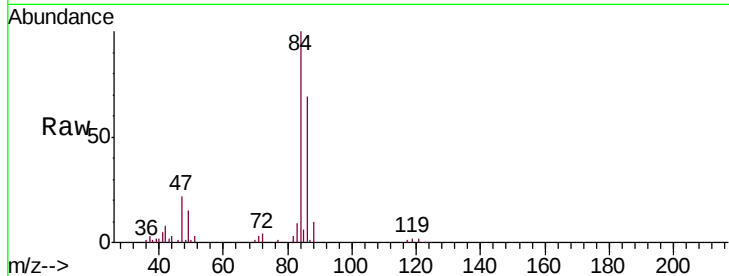




#25
Chloroform
Concen: 0.909 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
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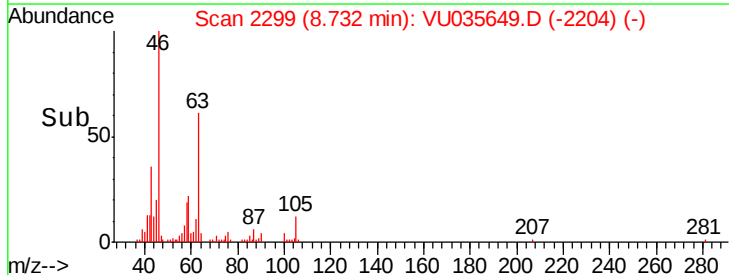
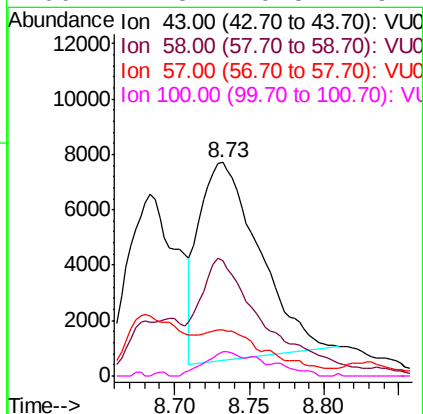
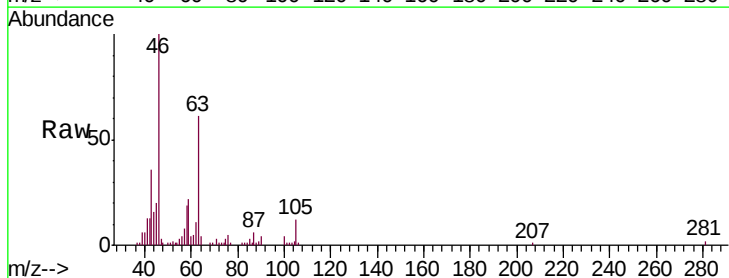
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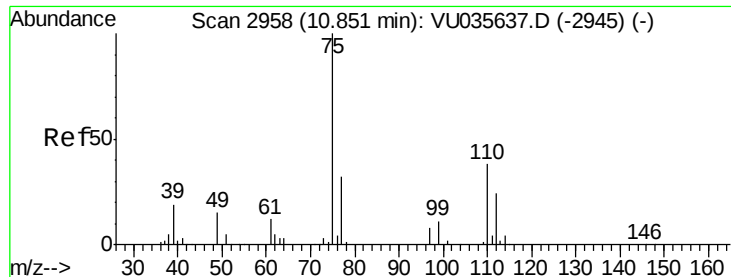
Tgt Ion: 83 Resp: 7011
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.4



#48
2-Hexanone
Concen: 4.078 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU035649.D
Acq: 06 Nov 2019 15:55

Tgt Ion: 43 Resp: 19815
Ion Ratio Lower Upper
43 100
58 56.4 50.4 75.6
57 4.5 17.4 26.0#
100 7.8 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 3.330 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035649.D

Acq: 06 Nov 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

BE892

Tgt Ion: 75 Resp: 19389

Ion Ratio Lower Upper

75 100

77 36.2 25.7 38.5

