

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036742.D
 Acq On : 12 Feb 2020 11:14
 Operator : JC/MD
 Sample : L1414-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

Quant Time: Feb 13 01:20:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 13 00:59:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120360	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	111900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48819	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	43937	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	63894	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.67	46	112025	51.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.22%
24) Chloroform-d	5.11	84	77212	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	44240	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	169493	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.73	67	53791	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.92	98	156919	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.21	79	18877	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	96045	50.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39350	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	47326	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

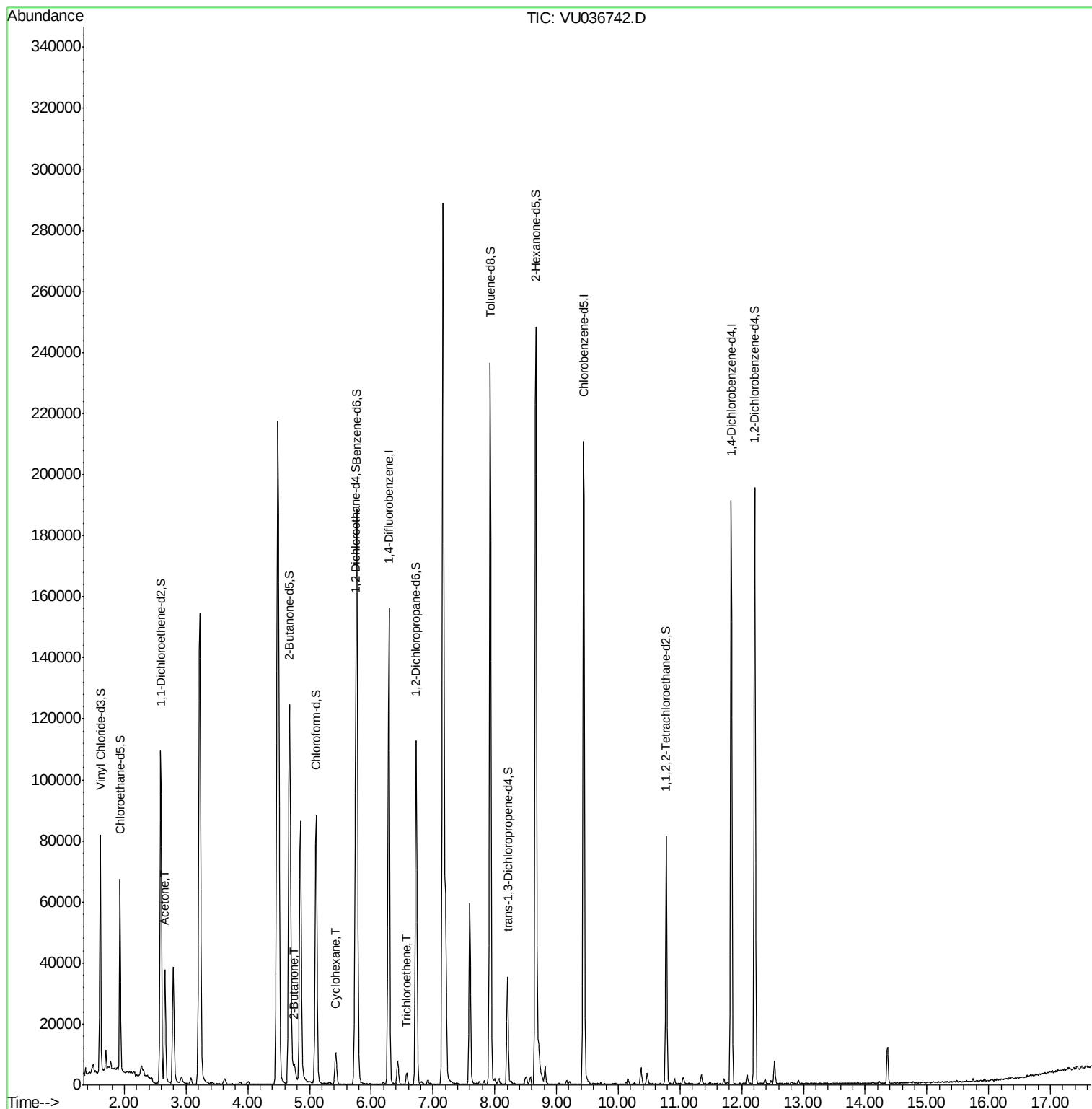
					Ovalue
13) Acetone	2.66	43	41567	14.976	ug/L 100
21) 2-Butanone	4.76	43	4308	1.334	ug/L 98
30) Cyclohexane	5.42	56	5204	0.399	ug/L 98
34) Trichloroethene	6.58	95	1420	0.162	ug/L 93

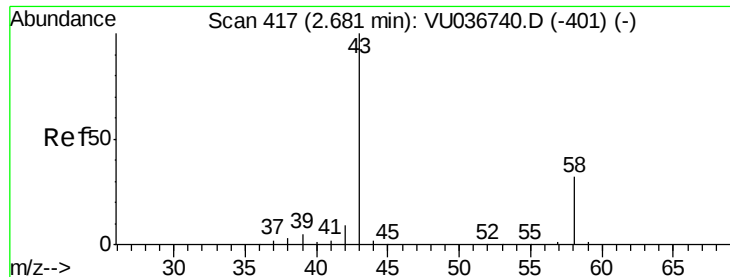
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.976 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036742.D

Acq: 12 Feb 2020 11:14

Instrument :

MSVOA_U

ClientSampled :

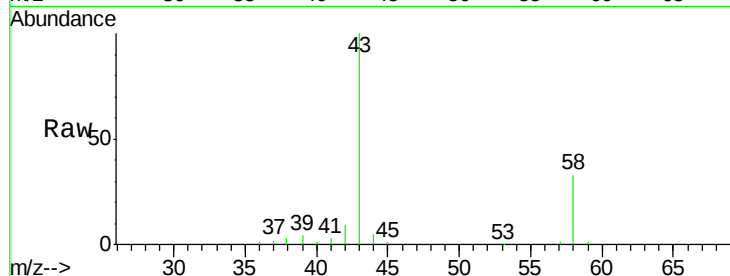
C0AA9

Tot Ion: 43 Resp: 41567

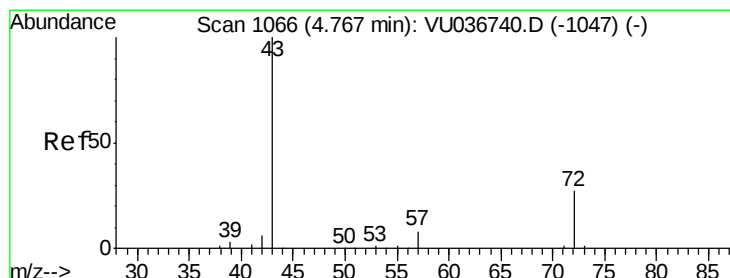
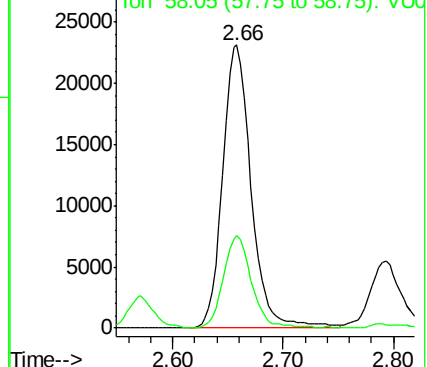
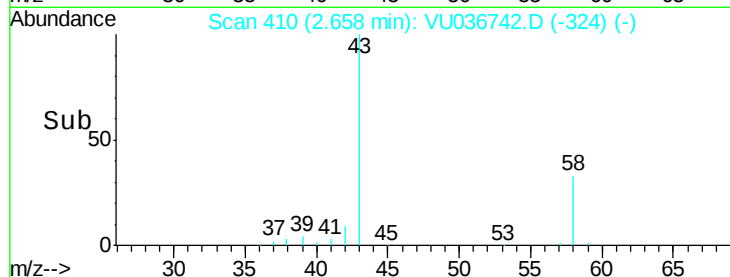
Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036742.D (-324) (-)



#21

2-Butanone

Concen: 1.334 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VU036742.D

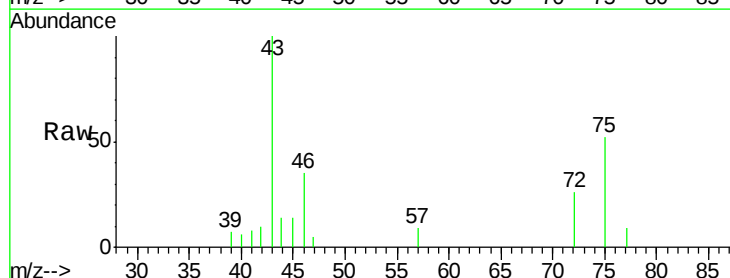
Acq: 12 Feb 2020 11:14

Tgt Ion: 43 Resp: 4308

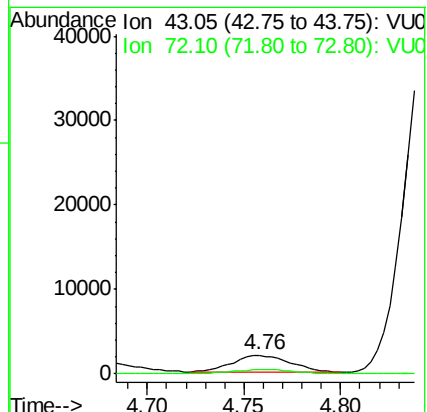
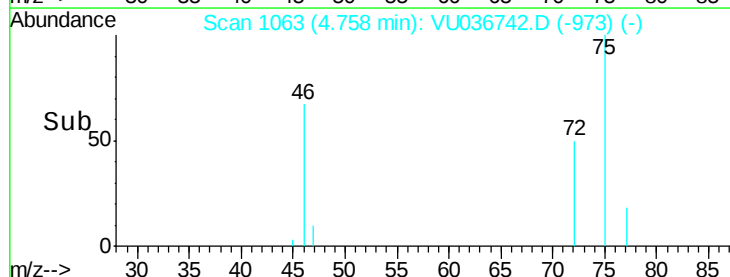
Ion Ratio Lower Upper

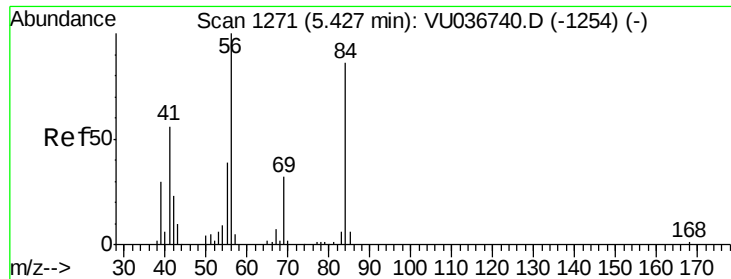
43 100

72 26.8 14.0 41.9



Abundance Ion 43.05 (42.75 to 43.75): VU036742.D (-973) (-)

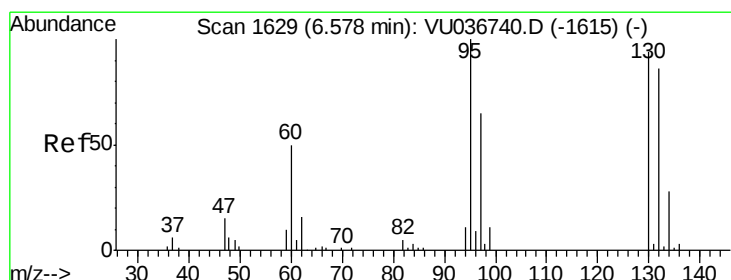
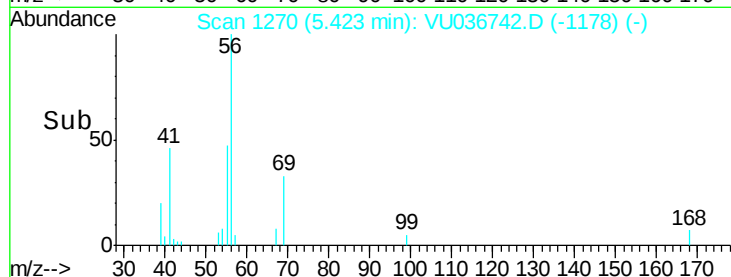
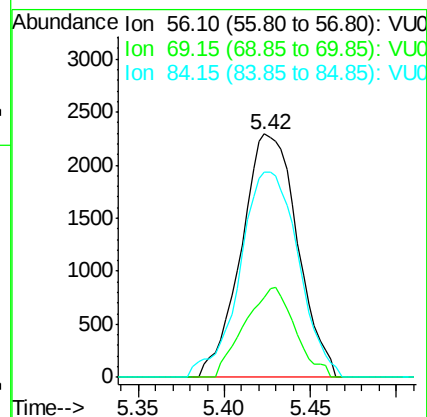
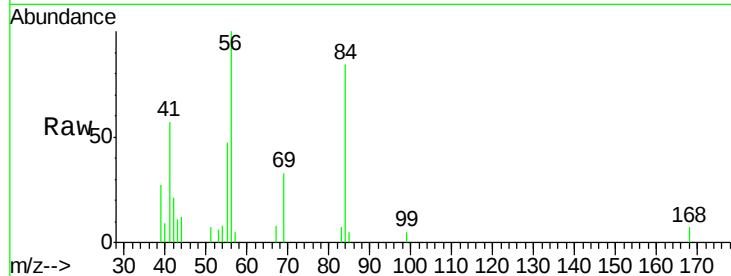




#30
Cyclohexane
Concen: 0.399 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU036742.D
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C0AA9

Tot Ion: 56 Resp: 5204
Ion Ratio Lower Upper
56 100
69 33.4 24.6 37.0
84 88.0 70.0 105.0



#34
Trichloroethene
Concen: 0.162 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU036742.D
Acq: 12 Feb 2020 11:14

Tgt Ion: 95 Resp: 1420
Ion Ratio Lower Upper
95 100
97 55.9 45.6 84.8
132 79.1 62.8 116.6
130 90.5 63.8 118.4

