

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040119.D
 Acq On : 14 Sep 2020 14:27
 Operator : SY/MD
 Sample : L3961-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y45

Quant Time: Sep 15 03:02:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	108927	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109988	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30362	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.92	69	25087	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	50063	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.66	46	107657	45.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.52%
24) Chloroform-d	5.09	84	62229	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	37610	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.75	84	114693	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	37116	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.91	98	95034	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	14101	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.64	63	74995	40.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32086	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	38440	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

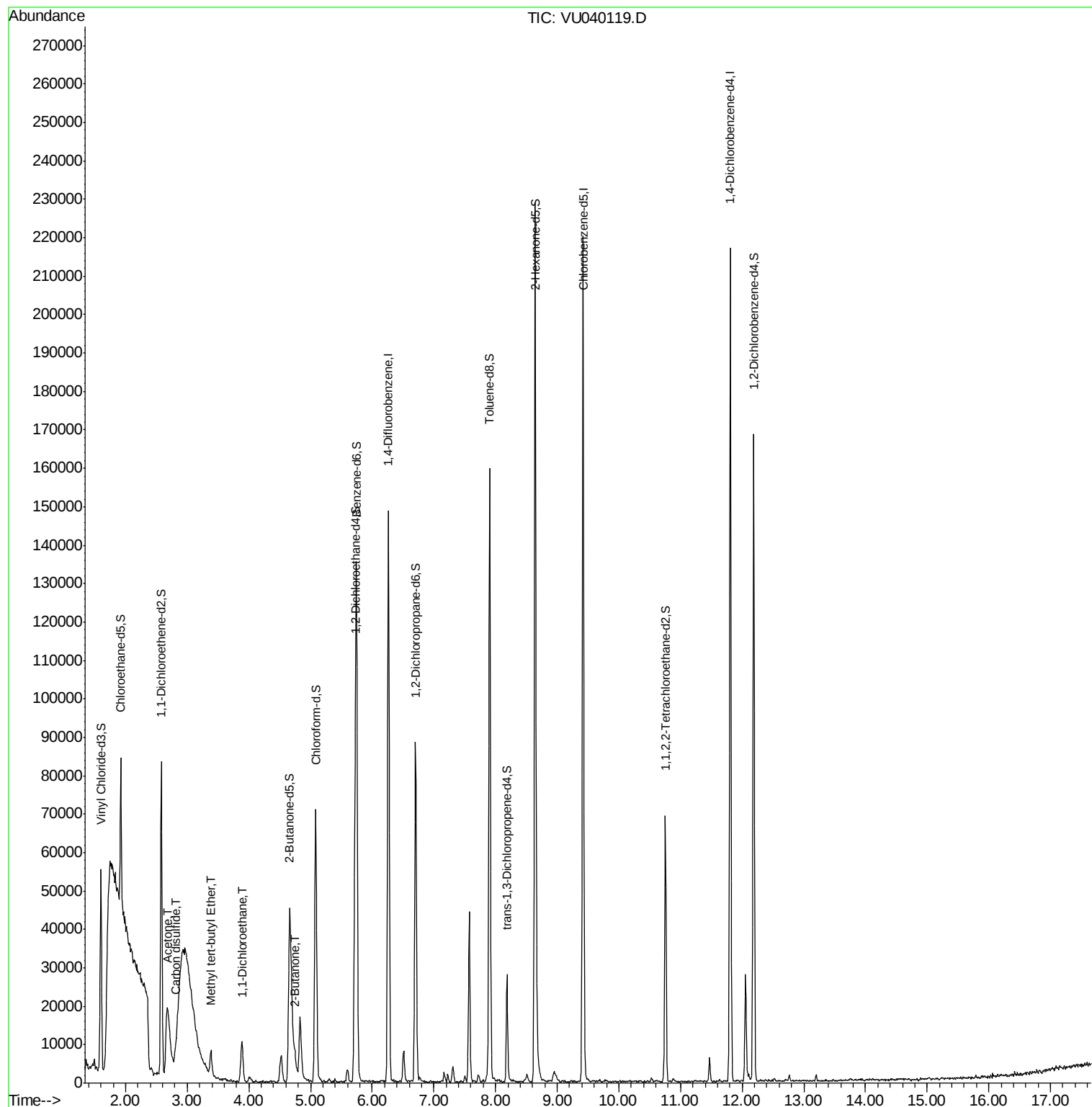
					Ovalue
13) Acetone	2.68	43	55936	25.401 ug/L	88
14) Carbon disulfide	2.81	76	2513	0.093 ug/L #	81
17) Methyl tert-butyl Ether	3.38	73	6221	0.245 ug/L #	80
19) 1,1-Dichloroethane	3.89	63	10045	0.538 ug/L	99
21) 2-Butanone	4.75	43	3967	1.103 ug/L	97

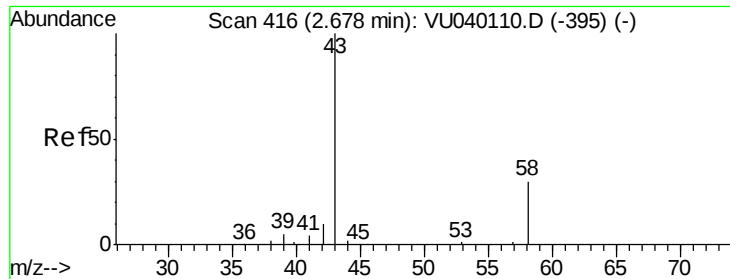
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.401 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU040119.D

Acq: 14 Sep 2020 14:27

Instrument :

MSVOA_U

ClientSampleId :

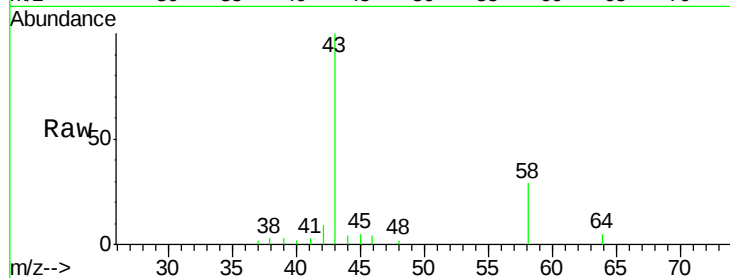
F4Y45

Tot Ion: 43 Resp: 55936

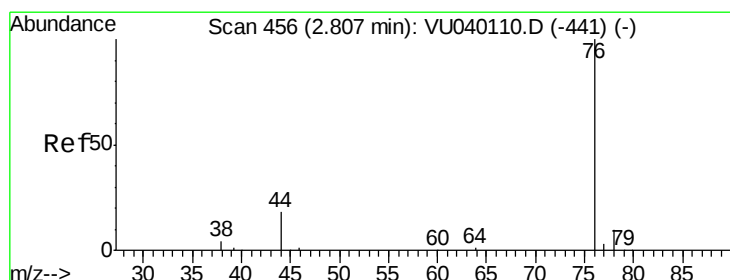
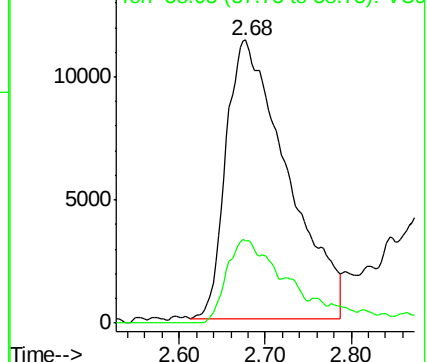
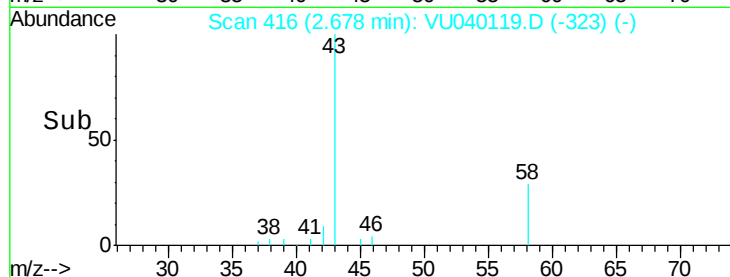
Ion Ratio Lower Upper

43 100

58 21.4 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040119.D (-323) (-)



#14

Carbon disulfide

Concen: 0.093 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040119.D

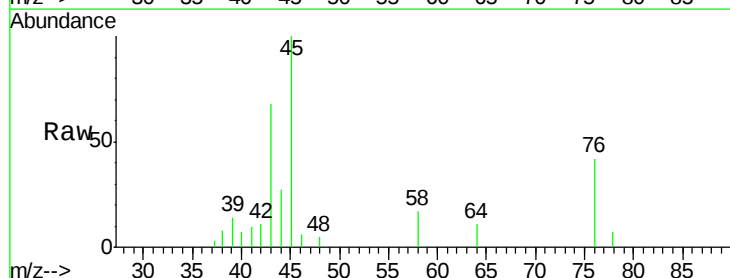
Acq: 14 Sep 2020 14:27

Tgt Ion: 76 Resp: 2513

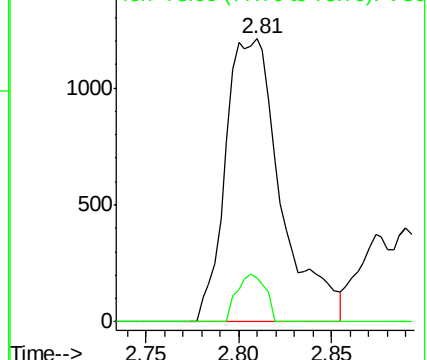
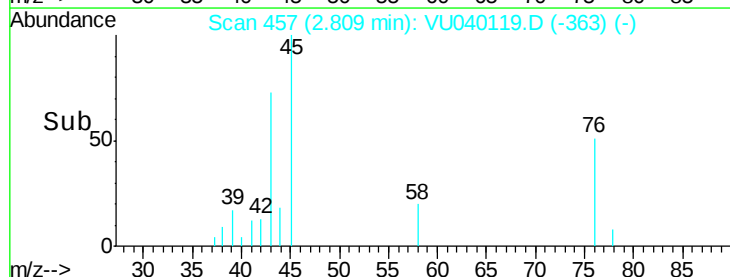
Ion Ratio Lower Upper

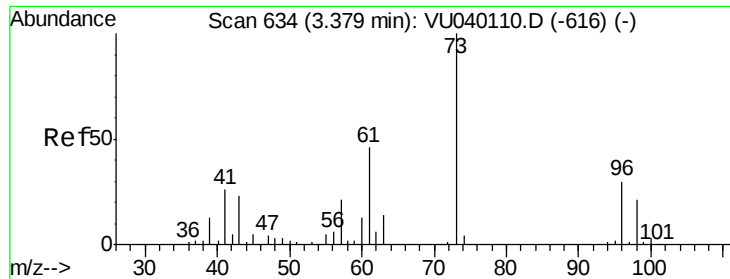
76 100

78 15.8 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040119.D (-363) (-)

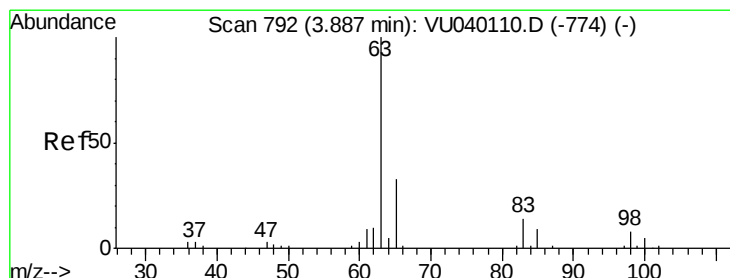
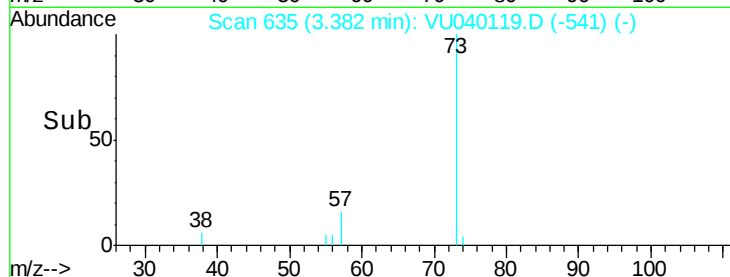
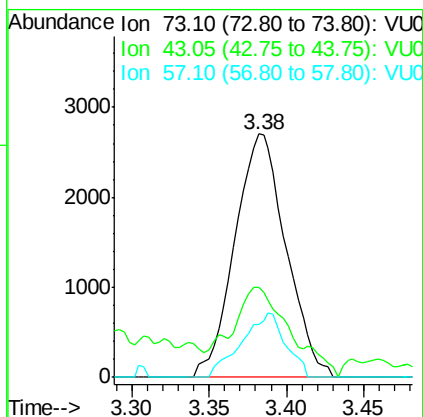
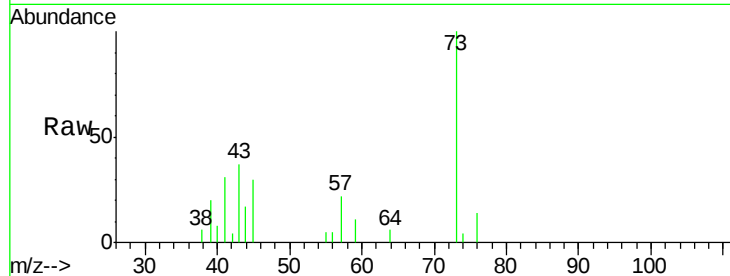




#17
Methvl tert-butvl Ether
Concen: 0.245 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040119.D
Acq: 14 Sep 2020 14:27

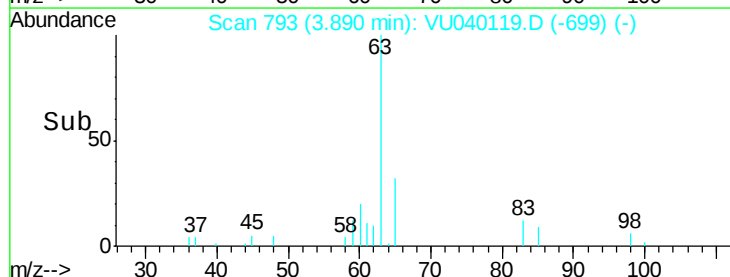
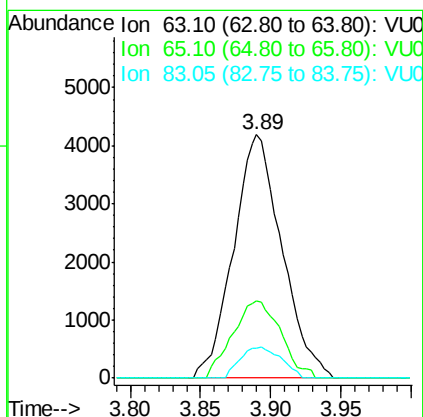
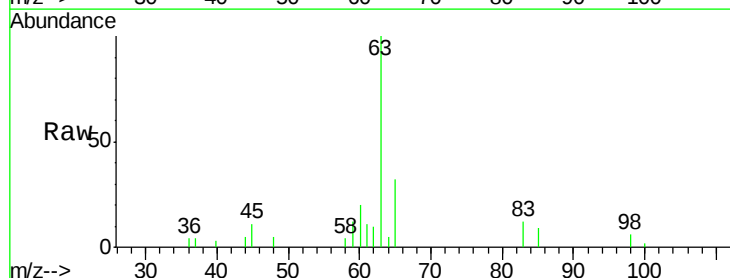
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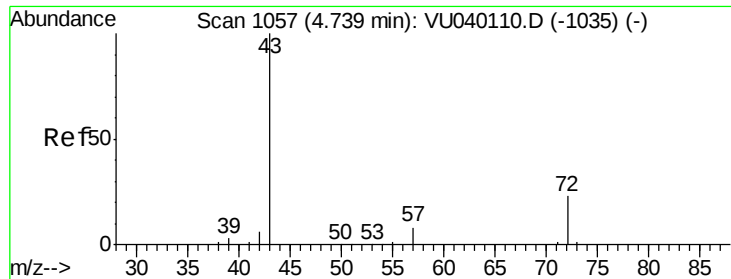
Tot Ion: 73 Resp: 6221
Ion Ratio Lower Upper
73 100
43 43.4 19.1 28.7#
57 22.7 18.3 27.5



#19
1,1-Dichloroethane
Concen: 0.538 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU040119.D
Acq: 14 Sep 2020 14:27

Tgt Ion: 63 Resp: 10045
Ion Ratio Lower Upper
63 100
65 31.6 22.2 41.2
83 12.4 9.4 17.6





#21
 2-Butanone
 Concen: 1.103 ug/L
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU040119.D
 Acq: 14 Sep 2020 14:27

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y45

Tot Ion: 43 Resp: 3967
 Ion Ratio Lower Upper
 43 100
 72 24.5 11.7 35.0

