

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081320\
 Data File : VU039855.D
 Acq On : 13 Aug 2020 16:52
 Operator : SY/MD
 Sample : L3683-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0B5

Quant Time: Aug 14 02:32:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 01:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66134	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18302	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.92	69	17547	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	25462	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.65	46	74497	47.43	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.86%
24) Chloroform-d	5.08	84	37801	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.72	65	25495	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	73004	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	25343	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.91	98	58067	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	9049	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.64	63	52375	45.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.16%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23693	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	27442	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

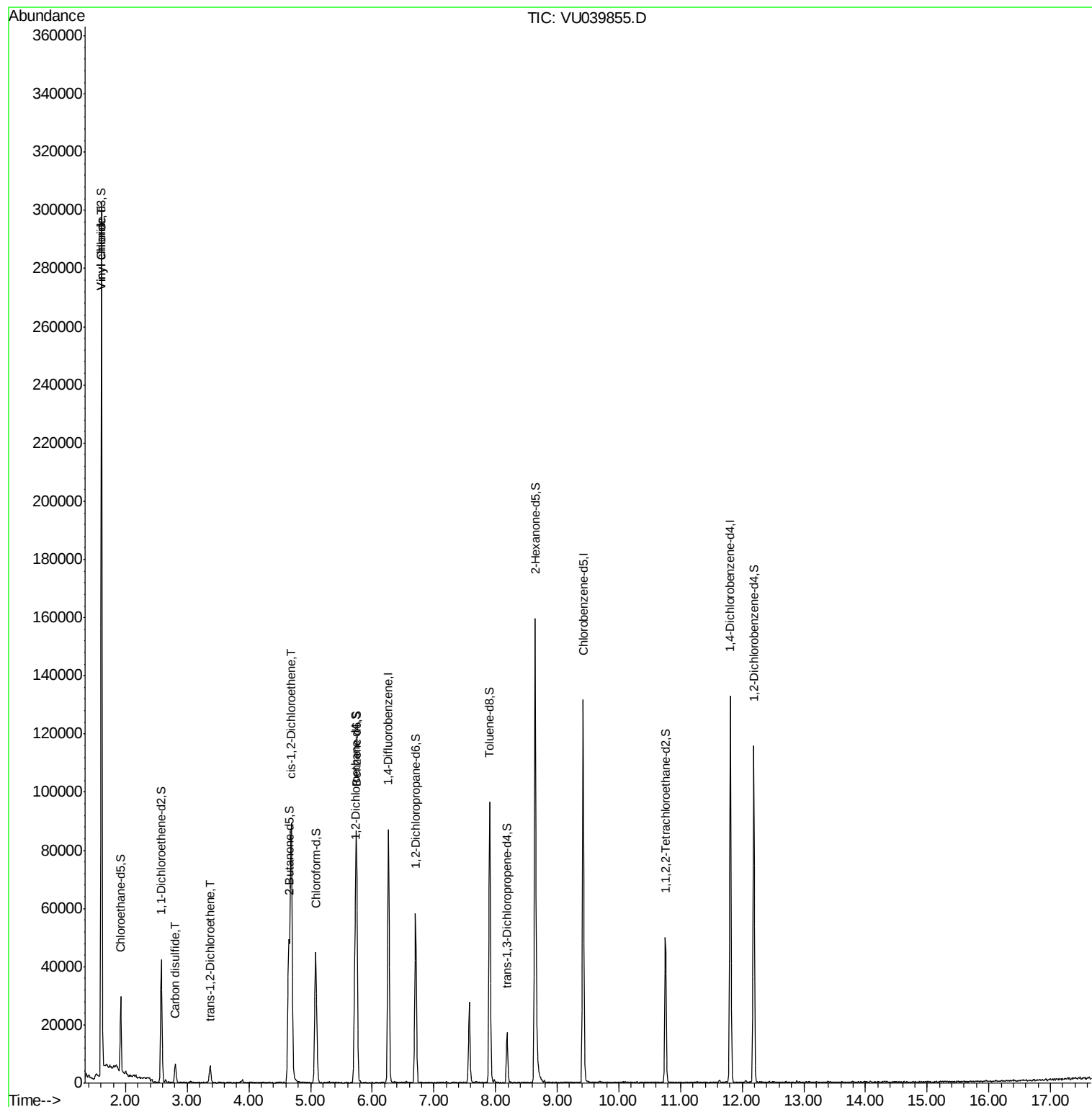
					Ovalue
5) Vinyl chloride	1.61	62	180169	33.506 ug/L	95
14) Carbon disulfide	2.81	76	8035	0.651 ug/L #	92
18) trans-1,2-Dichloroethene	3.36	96	2309	0.526 ug/L	80
22) cis-1,2-Dichloroethene	4.69	96	39563	8.282 ug/L	83

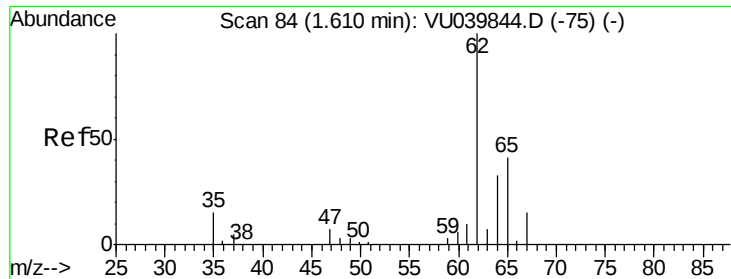
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 33.506 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Acq: 13 Aug 2020 16:52

Instrument :

MSVOA_U

ClientSampleId :

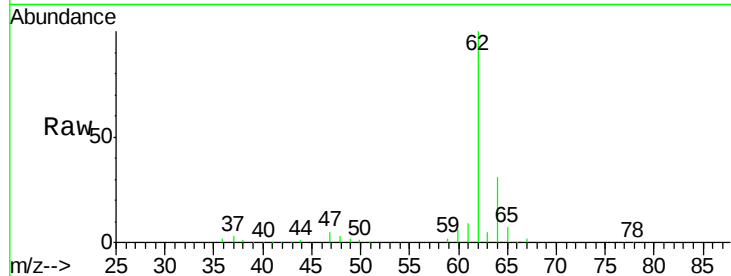
BG0B5

Tot Ion: 62 Resp: 180169

Ion Ratio Lower Upper

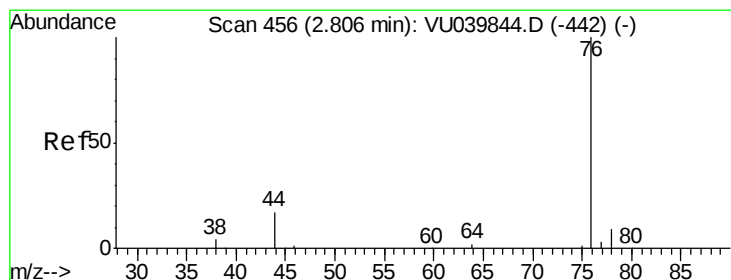
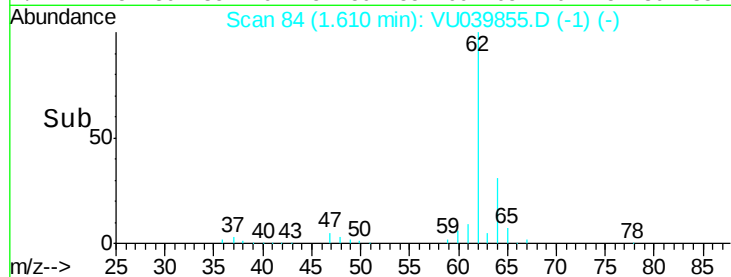
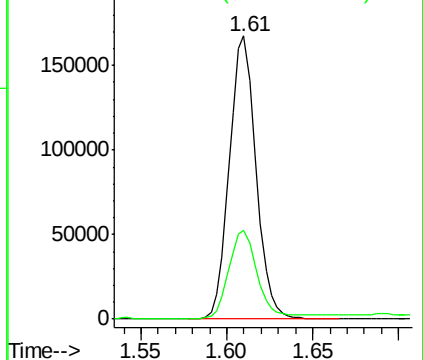
62 100

64 31.2 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#14

Carbon disulfide

Concen: 0.651 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039855.D

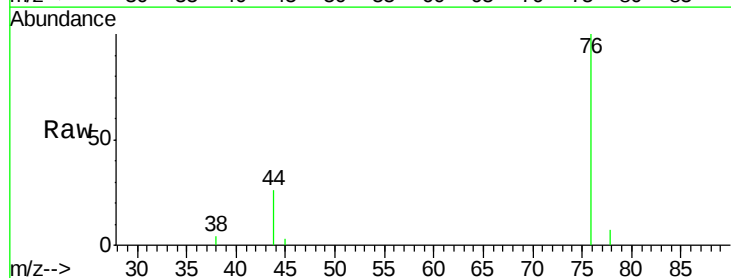
Acq: 13 Aug 2020 16:52

Tgt Ion: 76 Resp: 8035

Ion Ratio Lower Upper

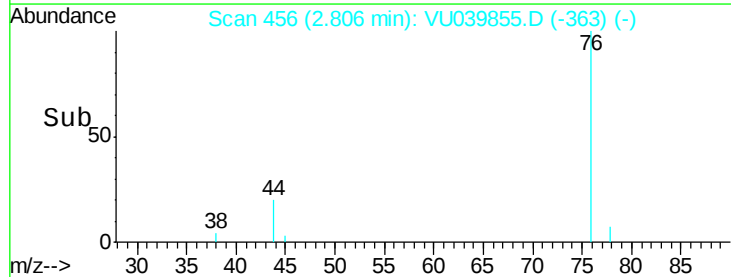
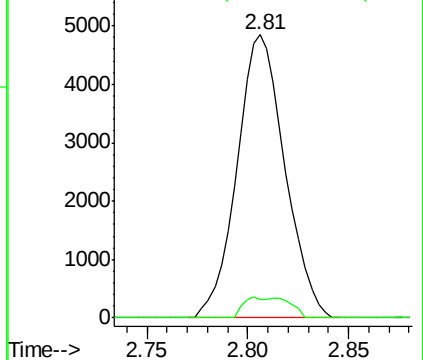
76 100

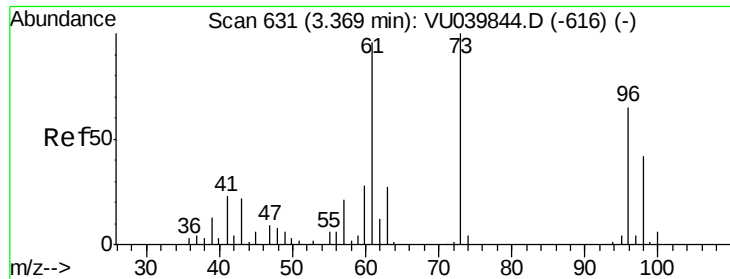
78 6.6 7.8 11.6#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

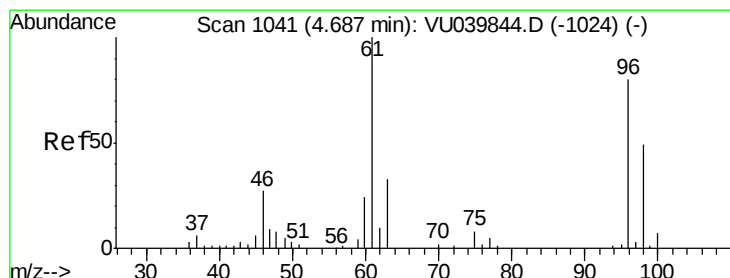
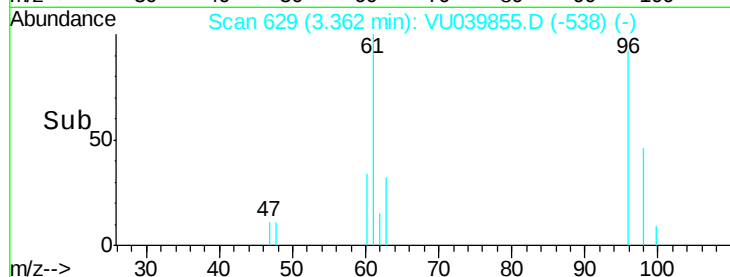
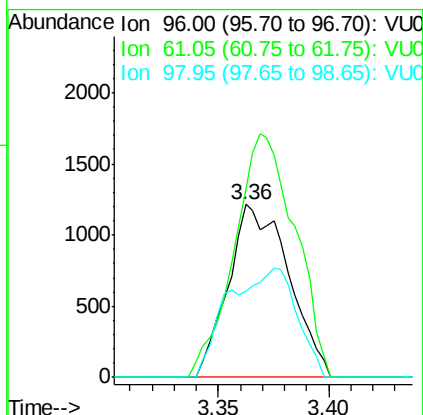
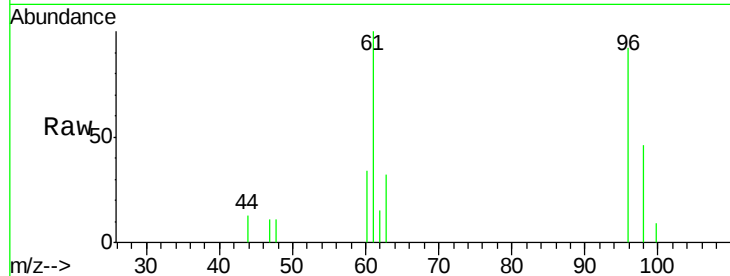




#18
trans-1,2-Dichloroethene
Concen: 0.526 ug/L
RT: 3.36 min Scan# 629
Delta R.T. -0.01 min
Lab File: VU039855.D
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Instrument :
MSVOA_U
ClientSampled :
BG0B5

Tot Ion: 96 Resp: 2309
Ion Ratio Lower Upper
96 100
61 109.1 96.5 179.1
98 49.8 40.9 76.0



#22
cis-1,2-Dichloroethene
Concen: 8.282 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU039855.D
Acq: 13 Aug 2020 16:52

Tgt Ion: 96 Resp: 39563
Ion Ratio Lower Upper
96 100
61 144.4 87.4 162.2
68 0.0 0.0 0.0

