

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039762.D
 Acq On : 06 Aug 2020 17:49
 Operator : SY/MD
 Sample : L3572-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L44

Quant Time: Aug 07 04:45:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76303	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25465	6.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.60%
7) Chloroethane-d5	1.92	69	22713	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	32416	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.66	46	95738	52.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	5.08	84	51340	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	30380	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.75	84	91570	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	31242	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.91	98	74295	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.19	79	11306	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.64	63	68467	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27696	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31784	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

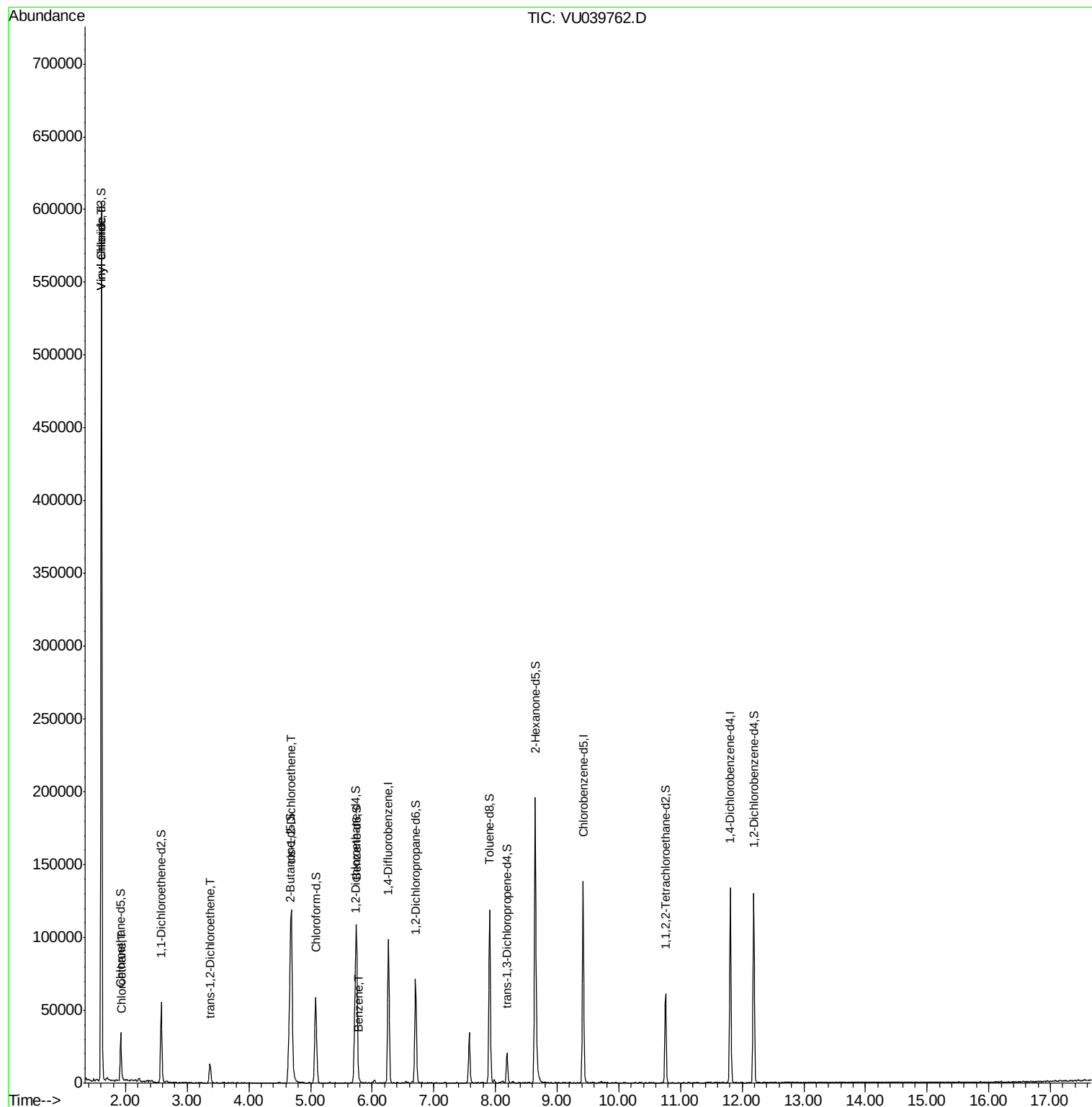
					Ovalue
5) Vinyl chloride	1.61	62	365036	58.839 ug/L	96
8) Chloroethane	1.94	64	1582	0.348 ug/L #	75
18) trans-1,2-Dichloroethene	3.37	96	5498	1.085 ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	48330	8.769 ug/L	99
33) Benzene	5.79	78	2147	0.107 ug/L	100

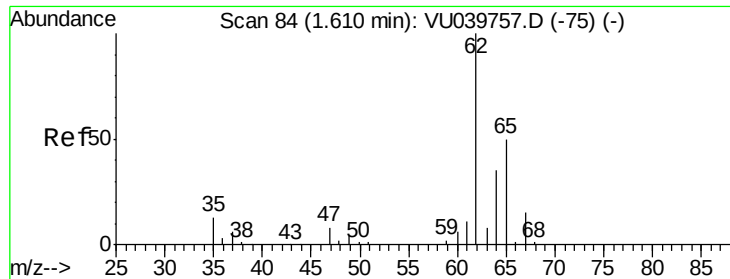
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 58.839 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039762.D

Acq: 06 Aug 2020 17:49

Instrument :

MSVOA_U

ClientSampled :

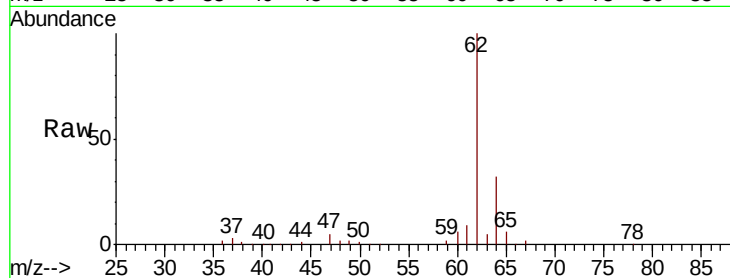
F2L44

Tot Ion: 62 Resp: 365036

Ion Ratio Lower Upper

62 100

64 32.2 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039757.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039762.D (-94) (-)

1.61

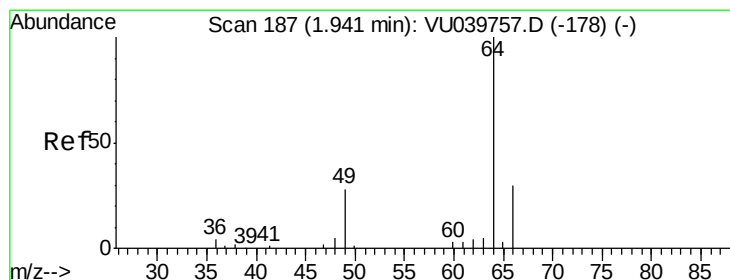
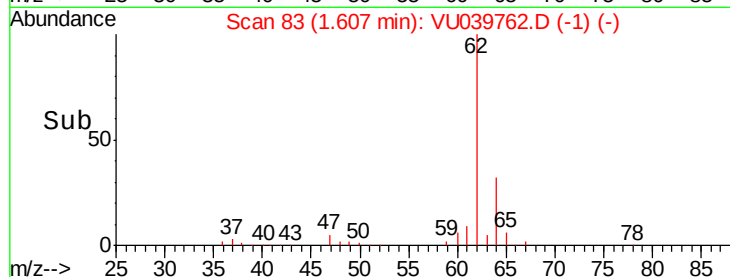
300000

200000

100000

0

Time-->



#8

Chloroethane

Concen: 0.348 ug/L

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039762.D

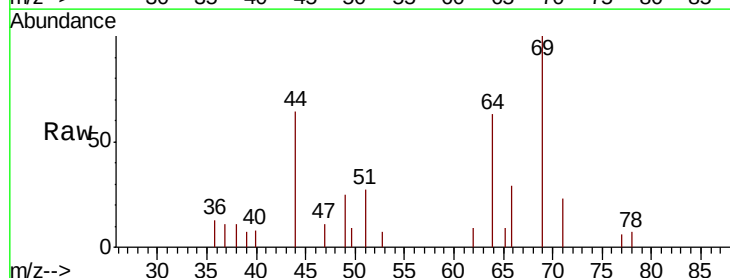
Acq: 06 Aug 2020 17:49

Tgt Ion: 64 Resp: 1582

Ion Ratio Lower Upper

64 100

66 45.9 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU039757.D (-178) (-)

Ion 66.05 (65.75 to 66.75): VU039762.D (-94) (-)

1.94

1200

1000

800

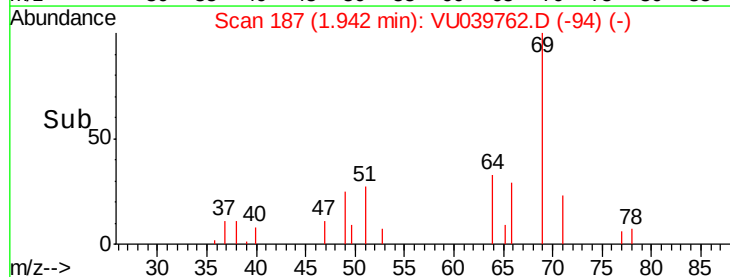
600

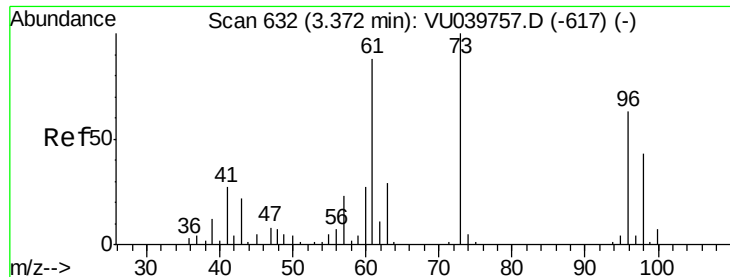
400

200

0

Time-->

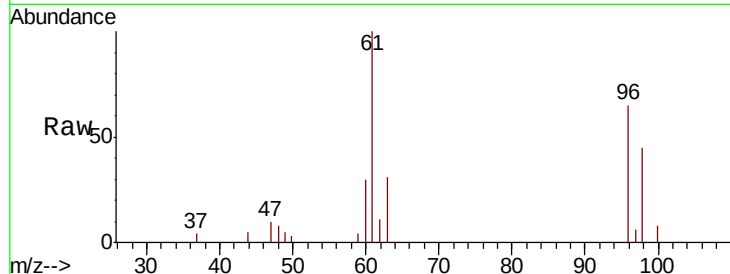




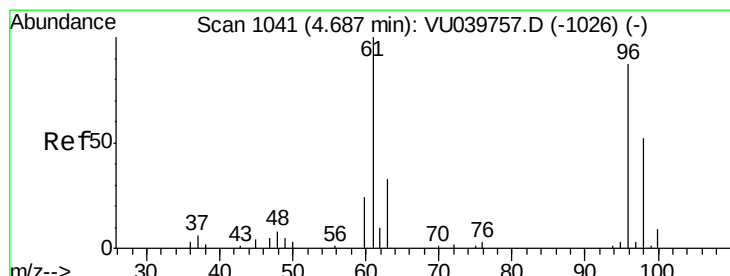
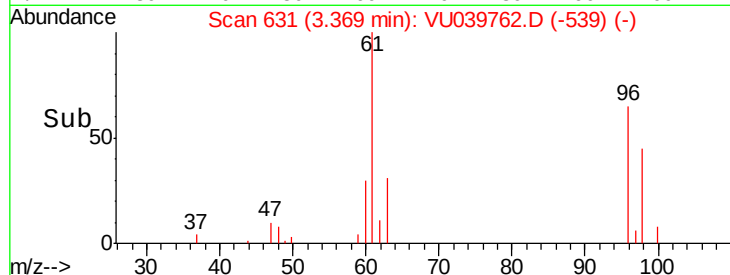
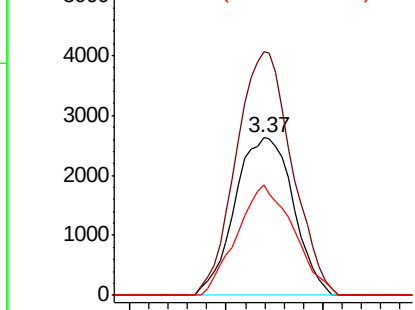
#18
trans-1,2-Dichloroethene
Concen: 1.085 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039762.D
Acq: 06 Aug 2020 17:49

Instrument :
MSVOA_U
ClientSampled :
F2L44

Tot Ion: 96 Resp: 5498
Ion Ratio Lower Upper
96 100
61 154.7 96.5 179.1
98 69.9 40.9 76.0

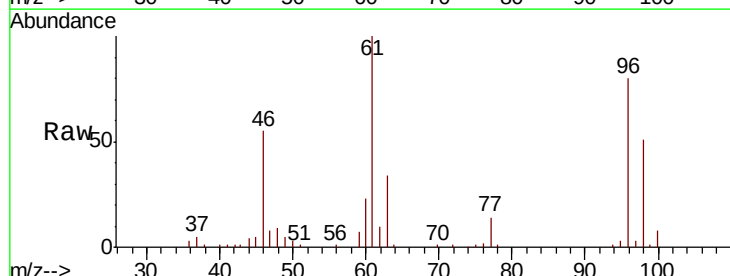


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

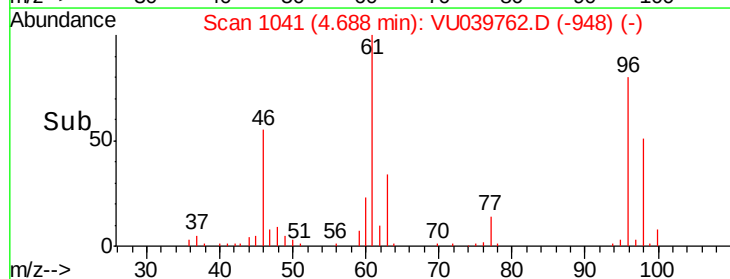
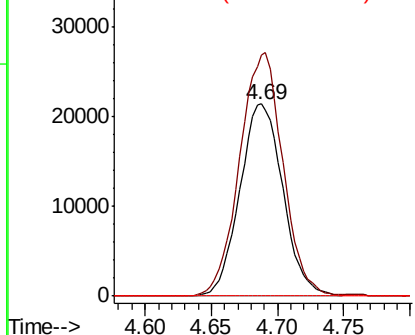


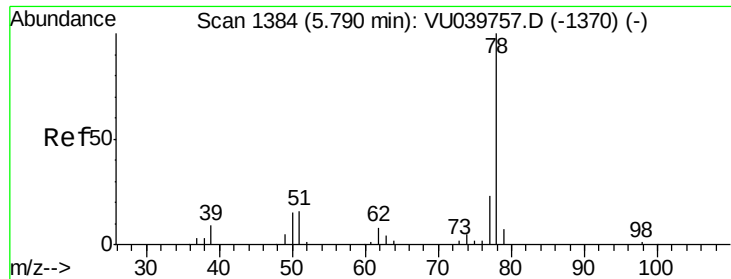
#22
cis-1,2-Dichloroethene
Concen: 8.769 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039762.D
Acq: 06 Aug 2020 17:49

Tgt Ion: 96 Resp: 48330
Ion Ratio Lower Upper
96 100
61 125.7 87.4 162.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#33

Benzene

Concen: 0.107 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VU039762.D

Acq: 06 Aug 2020 17:49

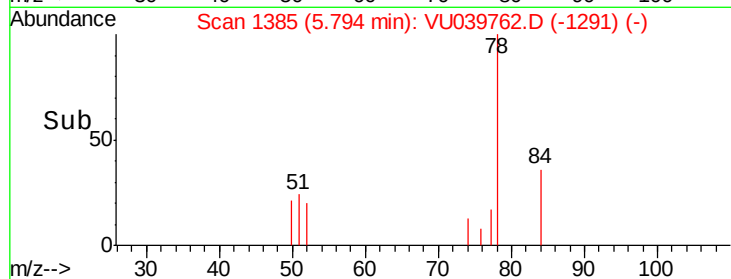
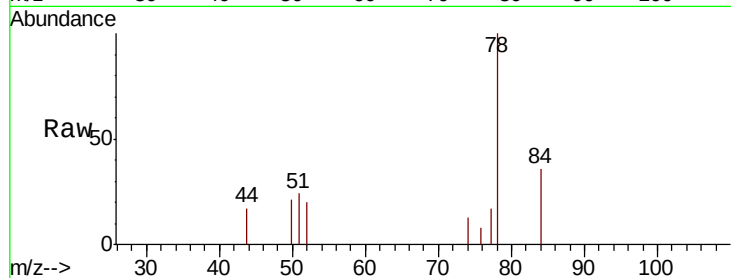
Instrument :

MSVOA_U

ClientSampleId :

F2L44

Tgt Ion: 78 Resp: 2147



Abundance Ion 78.10 (77.80 to 78.80): VU0

