

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040803.D
 Acq On : 19 Oct 2020 14:31
 Operator : SY/MD
 Sample : L4354-20DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ39DL

Quant Time: Oct 20 03:02:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129922	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32907	3.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.20%
7) Chloroethane-d5	1.92	69	33660	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	54777	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	4.66	46	167922	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	5.08	84	81348	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	51871	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	142208	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.70	67	50718	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.91	98	105690	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.60%#
43) trans-1,3-Dichloropropene-	8.19	79	18789	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.64	63	110415	41.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47571	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46561	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

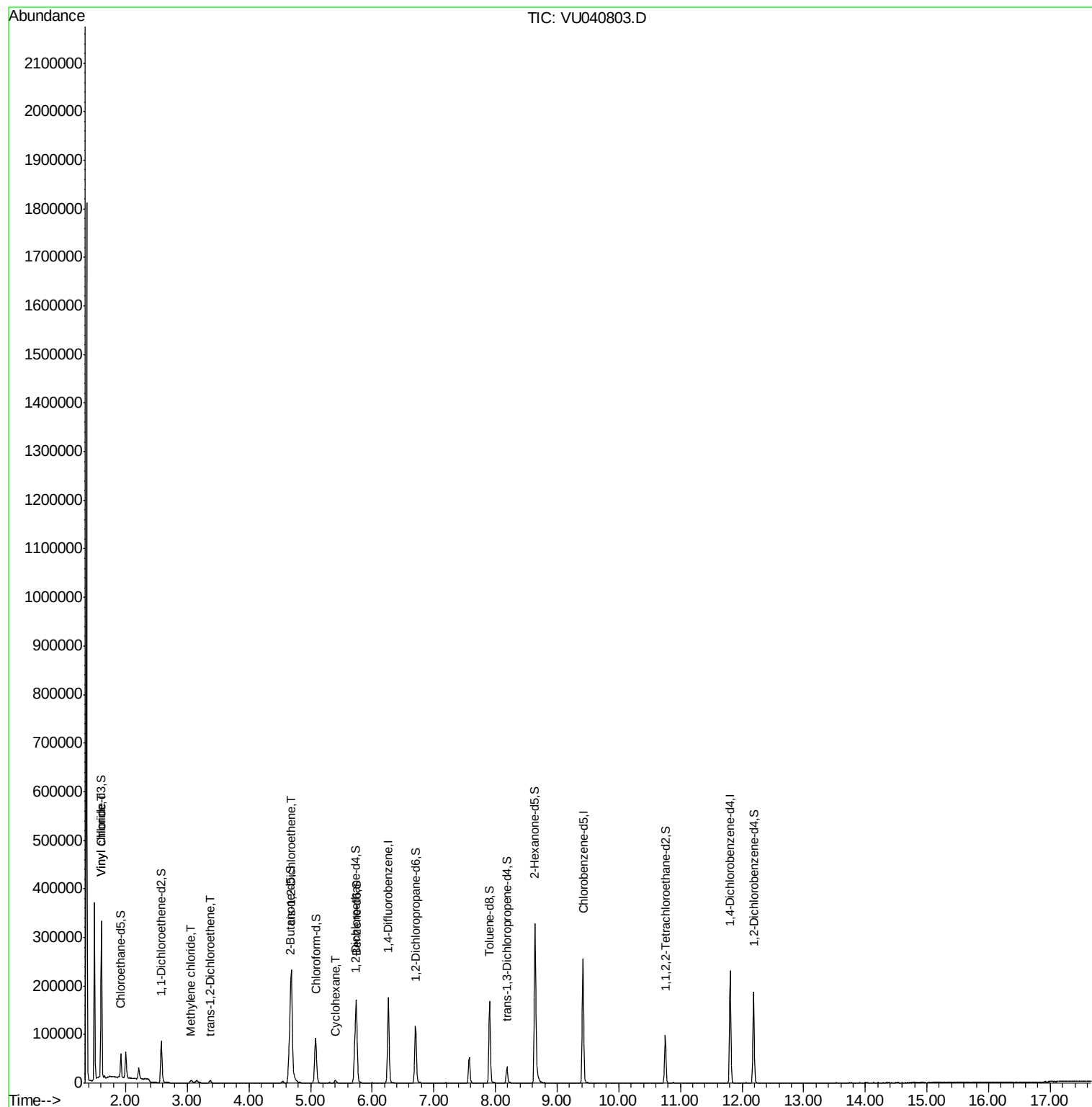
					Ovalue
5) Vinyl chloride	1.61	62	52662	4.543 ug/L	88
16) Methylene chloride	3.06	84	2076	0.174 ug/L	81
18) trans-1,2-Dichloroethene	3.38	96	1559	0.161 ug/L	78
22) cis-1,2-Dichloroethene	4.69	96	93029	8.890 ug/L	99
30) Cyclohexane	5.40	56	2277	0.136 ug/L	97

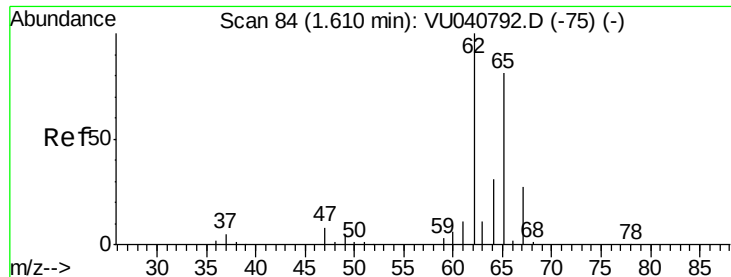
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.543 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040803.D

Acq: 19 Oct 2020 14:31

Instrument :

MSVOA_U

ClientSampled :

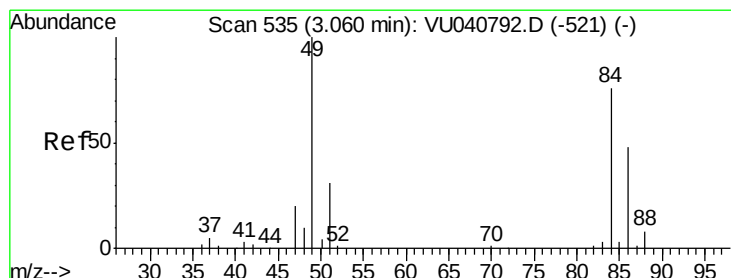
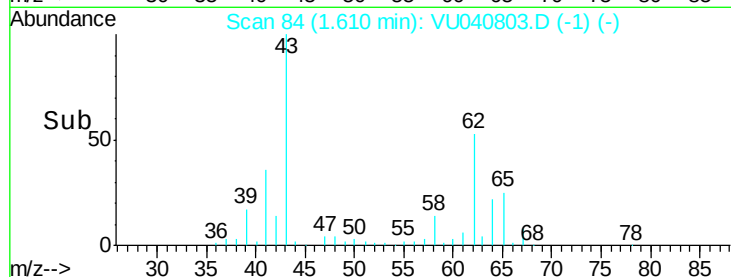
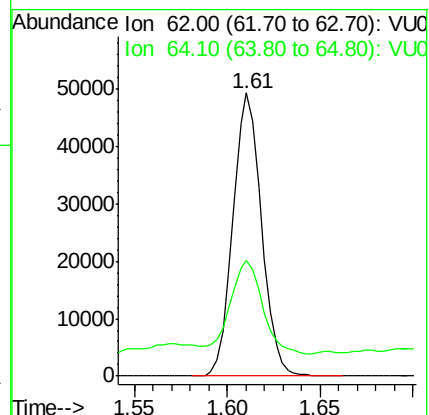
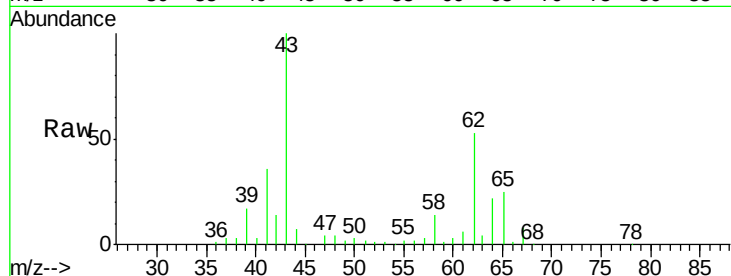
ETZ39DL

Tot Ion: 62 Resp: 52662

Ion Ratio Lower Upper

62 100

64 40.8 23.7 44.1



#16

Methylene chloride

Concen: 0.174 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU040803.D

Acq: 19 Oct 2020 14:31

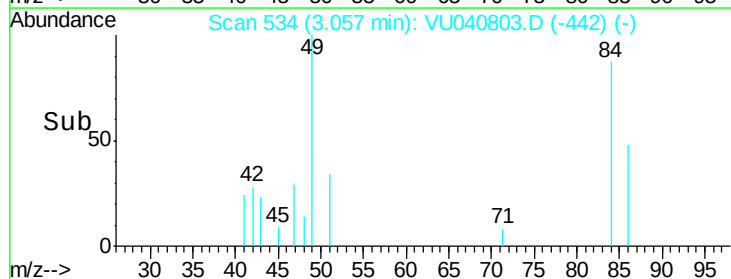
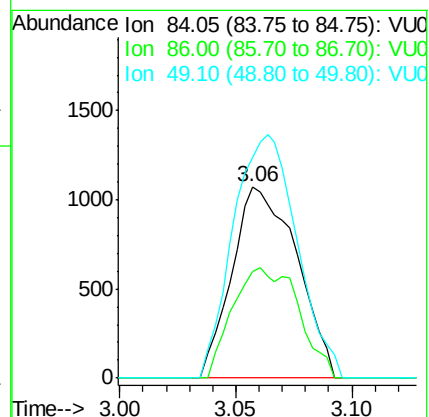
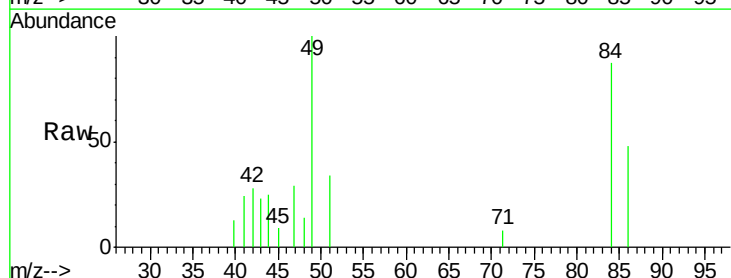
Tgt Ion: 84 Resp: 2076

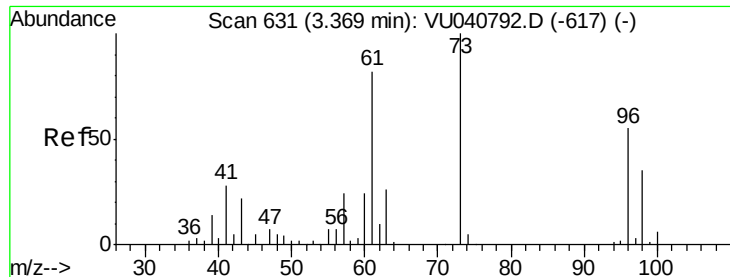
Ion Ratio Lower Upper

84 100

86 55.9 45.4 84.4

49 115.5 99.8 185.3

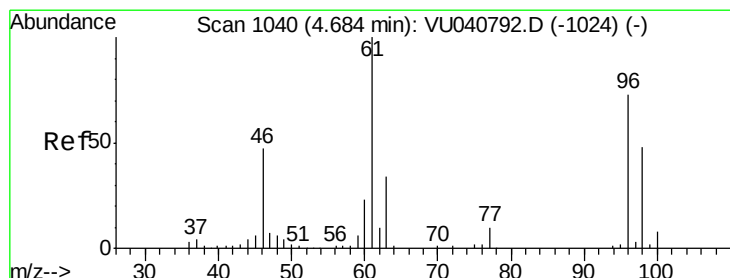
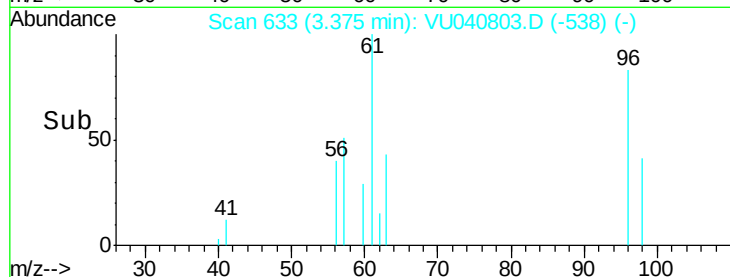
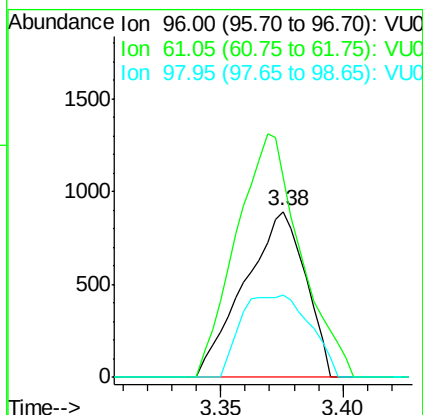
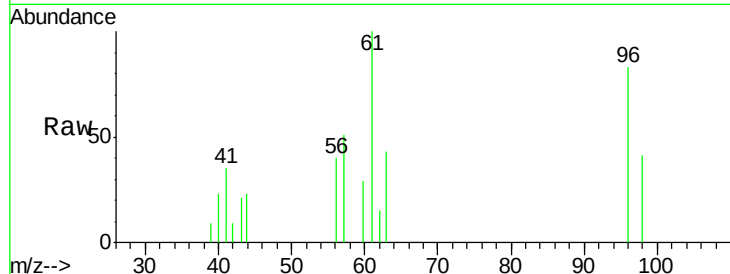




#18
trans-1,2-Dichloroethene
Concen: 0.161 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

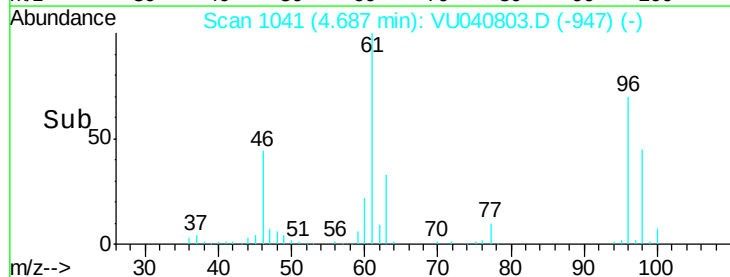
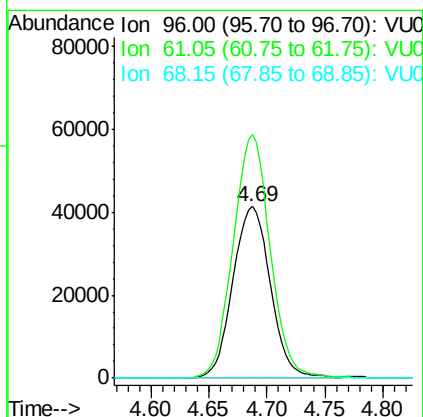
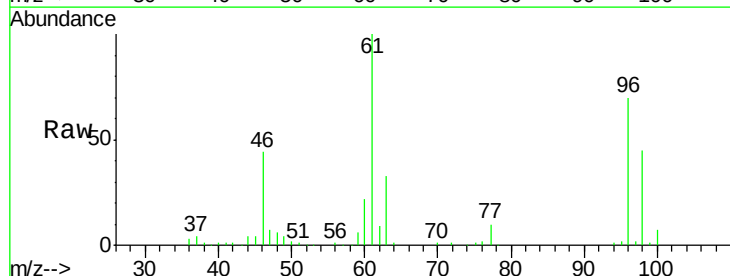
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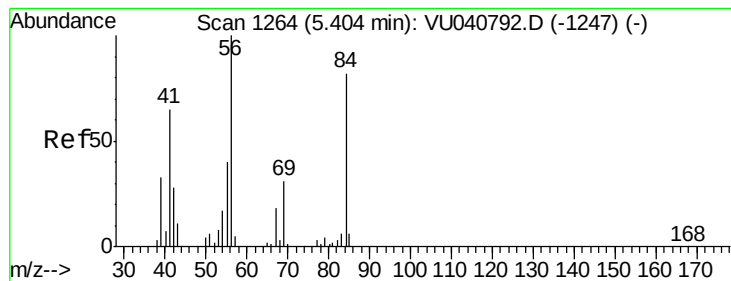
Tot Ion: 96 Resp: 1559
Ion Ratio Lower Upper
96 100
61 120.9 105.9 196.7
98 49.3 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 8.890 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040803.D
Acq: 19 Oct 2020 14:31

Tgt Ion: 96 Resp: 93029
Ion Ratio Lower Upper
96 100
61 141.9 99.8 185.4
68 0.0 0.0 0.0





#30

Cyclohexane

Concen: 0.136 ug/L

RT: 5.40 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VU040803.D

Acq: 19 Oct 2020 14:31

Instrument :

MSVOA_U

ClientSampleId :

ETZ39DL

Tot Ion: 56 Resp: 2277

Ion Ratio Lower Upper

56 100

69 30.1 23.8 35.8

84 84.0 64.0 96.0

