

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040376.D
 Acq On : 29 Sep 2020 22:24
 Operator : SY/MD
 Sample : L4186-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E8

Quant Time: Sep 30 03:31:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124772	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	126964	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55630	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28026	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.92	69	27072	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.58	63	47035	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.65	46	164949	53.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.52%
24) Chloroform-d	5.08	84	72902	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	45390	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	128318	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	46002	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	99124	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	17034	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	113645	50.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44594	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	47179	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

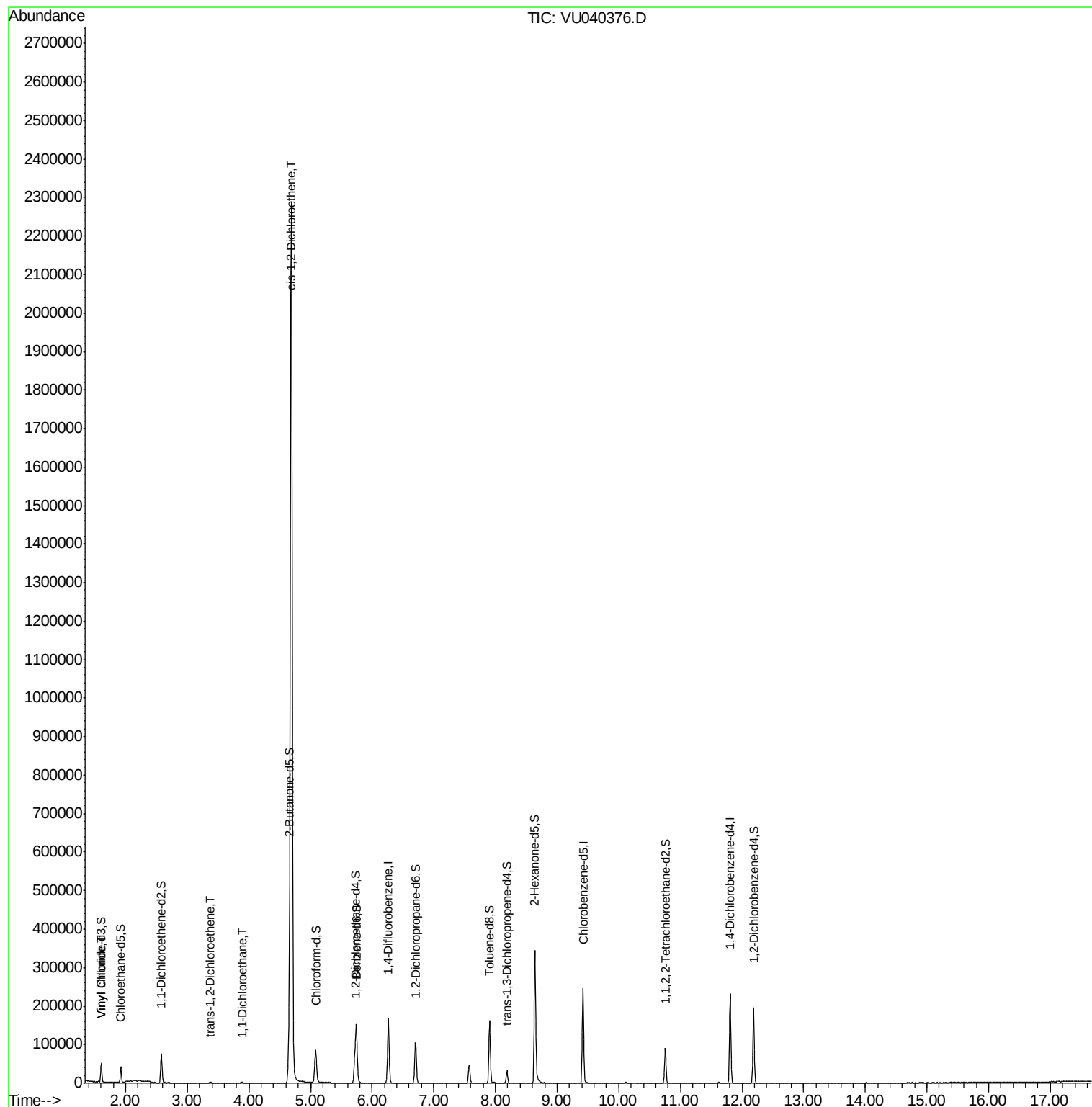
					Ovalue
5) Vinyl chloride	1.61	62	6116	0.507 ug/L	88
18) trans-1,2-Dichloroethene	3.37	96	928	0.094 ug/L	73
19) 1,1-Dichloroethane	3.89	63	2747	0.136 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	1087514	100.051 ug/L	100

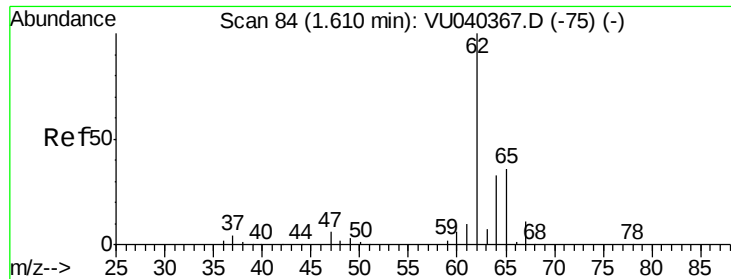
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.507 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040376.D

Acq: 29 Sep 2020 22:24

Instrument :

MSVOA_U

ClientSampled :

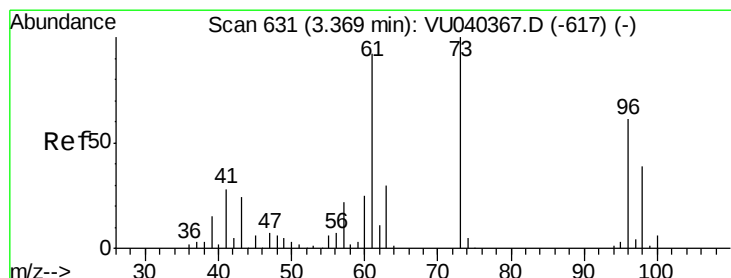
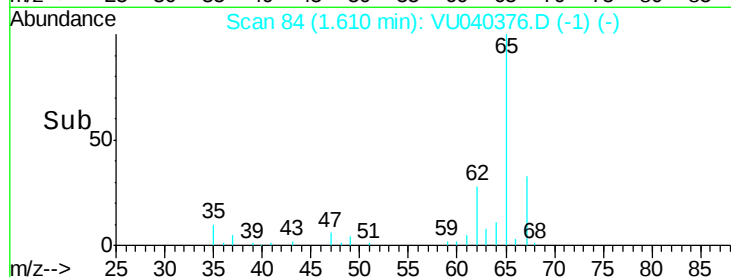
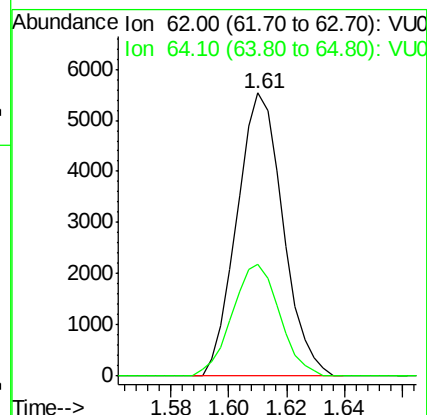
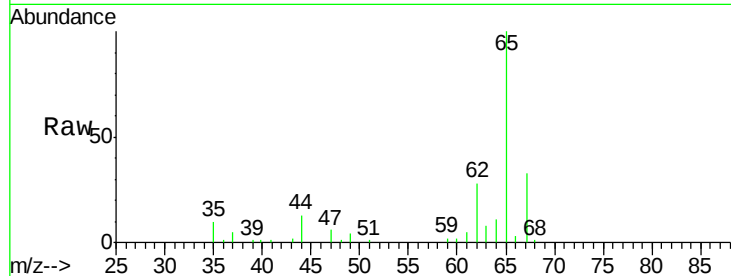
BG0E8

Tot Ion: 62 Resp: 6116

Ion Ratio Lower Upper

62 100

64 39.5 23.0 42.8



#18

trans-1,2-Dichloroethene

Concen: 0.094 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU040376.D

Acq: 29 Sep 2020 22:24

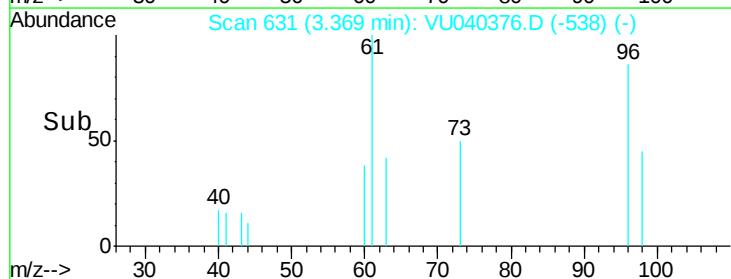
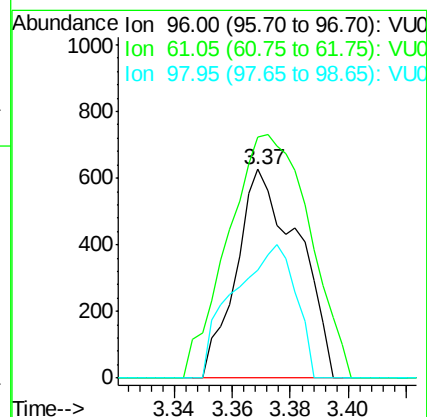
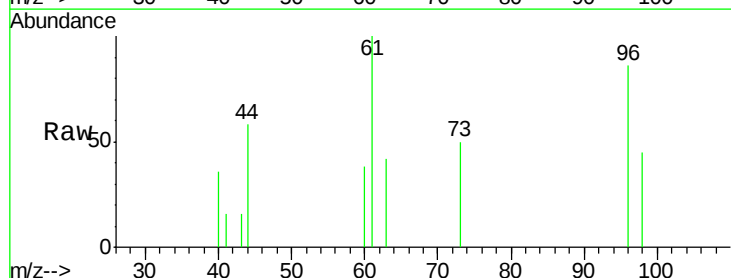
Tgt Ion: 96 Resp: 928

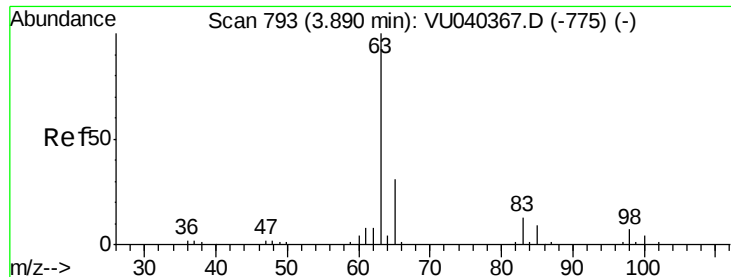
Ion Ratio Lower Upper

96 100

61 115.8 109.3 203.1

98 51.9 45.8 85.0





#19

1,1-Dichloroethane

Concen: 0.136 ug/L

RT: 3.89 min Scan# 794

Delta R.T. 0.00 min

Lab File: VU040376.D

Acq: 29 Sep 2020 22:24

Instrument :

MSVOA_U

ClientSampleId :

BG0E8

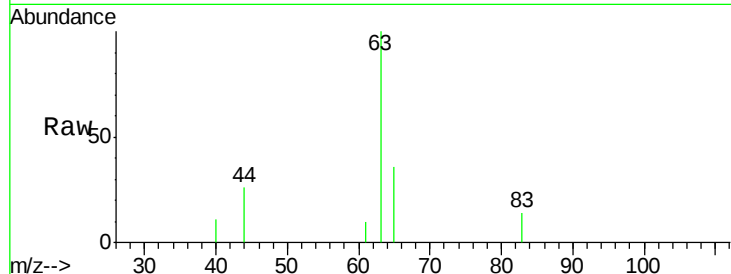
Tot Ion: 63 Resp: 2747

Ion Ratio Lower Upper

63 100

65 36.5 21.7 40.3

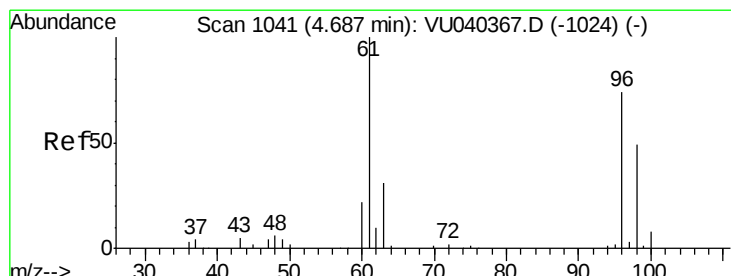
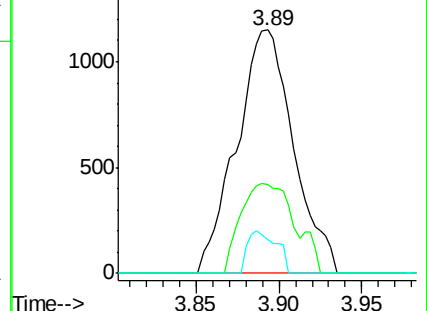
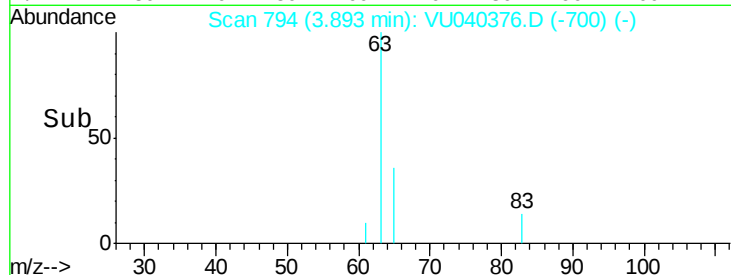
83 13.8 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU040367.D (-775) (-)

Ion 65.10 (64.80 to 65.80): VU040367.D (-775) (-)

Ion 83.05 (82.75 to 83.75): VU040367.D (-775) (-)



#22

cis-1,2-Dichloroethene

Concen: 100.051 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU040376.D

Acq: 29 Sep 2020 22:24

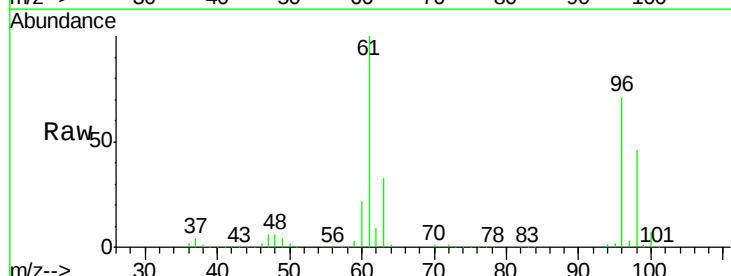
Tgt Ion: 96 Resp: 1087514

Ion Ratio Lower Upper

96 100

61 141.3 99.3 184.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040367.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU040367.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU040367.D (-1024) (-)

